FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 16:53 Calibration End Date: 10/21/2012 18:07 Calibration ID: 12012

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/3	P1300003.D
Level 2	STD01 240-62068/4	P1300004.D
Level 3	STD02 240-62068/5	P1300005.D
Level 4	STD05 240-62068/6	P1300006.D
Level 5	STD1 240-62068/7	P1300007.D
Level 6	STD2 240-62068/8	P1300008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	1.588	1.587	1.586	1.586	1.586	1.587					1.538 - 1.638	1.587
PCB-1232 Peak 2	1.898	1.897	1.896	1.895	1.895	1.897					1.848 - 1.948	1.896
PCB-1232 Peak 3	2.323	2.322	2.321	2.323	2.322	2.323					2.273 - 2.373	2.322
PCB-1232 Peak 4	2.455	2.455	2.454	2.453	2.453	2.454					2.405 - 2.505	2.454
PCB-1232 Peak 5	2.867	2.868	2.866	2.867	2.866	2.868					2.817 - 2.917	2.867

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 16:53 Calibration End Date: 10/21/2012 18:07 Calibration ID: 12012

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/3	P1300003.D
Level 2	STD01 240-62068/4	P1300004.D
Level 3	STD02 240-62068/5	P1300005.D
Level 4	STD05 240-62068/6	P1300006.D
Level 5	STD1 240-62068/7	P1300007.D
Level 6	STD2 240-62068/8	P1300008.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1232 Peak 1	51764660 37237214	49090910 34310972	44176480	41705868	Ave		43047684.0				16.0		20.0			
PCB-1232 Peak 2	42646440 31853144	39987320 28817742	36283850	34142130	Ave		35621770.9				14.0		20.0			
PCB-1232 Peak 3	75350060 64967291	81371340 62934758	74442310	68841284	Ave		71317840.4				9.8		20.0			
PCB-1232 Peak 4	27198420 26893700	27312400 25313552	28750230	28214782	Ave		27280514.0				4.4		20.0			
PCB-1232 Peak 5	34283460 26108691	32547380 24806478	29294490	28289906	Ave		29221734.2				13.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 16:53 Calibration End Date: 10/21/2012 18:07 Calibration ID: 12012

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/3	P1300003.D
Level 2	STD01 240-62068/4	P1300004.D
Level 3	STD02 240-62068/5	P1300005.D
Level 4	STD05 240-62068/6	P1300006.D
Level 5	STD1 240-62068/7	P1300007.D
Level 6	STD2 240-62068/8	P1300008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Ave	2588233 68621944	4909091	8835296	20852934	37237214	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	Ave	2132322 57635483	3998732	7256770	17071065	31853144	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	Ave	3767503 125869515	8137134	14888462	34420642	64967291	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	Ave	1359921 50627104	2731240	5750046	14107391	26893700	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	Ave	1714173 49612956	3254738	5858898	14144953	26108691	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D
Lims ID: STD005 1232 Client ID:
Inject. Date: 21-Oct-2012 16:53:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-003
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 62068 Lims Sample ID: 3
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:48 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:42

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.588	1.588	0.000	2588233	0.0601		100.0	M
1	2	1.898	1.898	0.000	2132322	0.0599	57.1- 107.1	82.4	
1	3	2.323	2.323	0.000	3767503	0.0528	143.5- 193.5	145.6	
1	4	2.455	2.455	0.000	1359921	0.0498	40.1- 90.1	52.5	
1	5	2.867	2.867	0.000	1714173	0.0587	41.3- 91.3	66.2	
			Average of Peak Amounts =			0.0563			
2	6	2.148	2.148	0.000	1473528	0.0606		100.0	
2	7	2.573	2.573	0.000	1392845	0.0594	67.8- 127.8	94.5	
2	8	3.054	3.054	0.000	2424624	0.0598	132.2- 192.2	164.5	
2	9	3.201	3.201	0.000	1070427	0.0611	40.5- 100.5	72.6	
2	10	3.854	3.854	0.000	896641	0.0604	30.2- 90.2	60.8	
			Average of Peak Amounts =			0.0603			
						RPD = 6.86			

QC Flag Legend

Review Flags
M - Manually Integrated

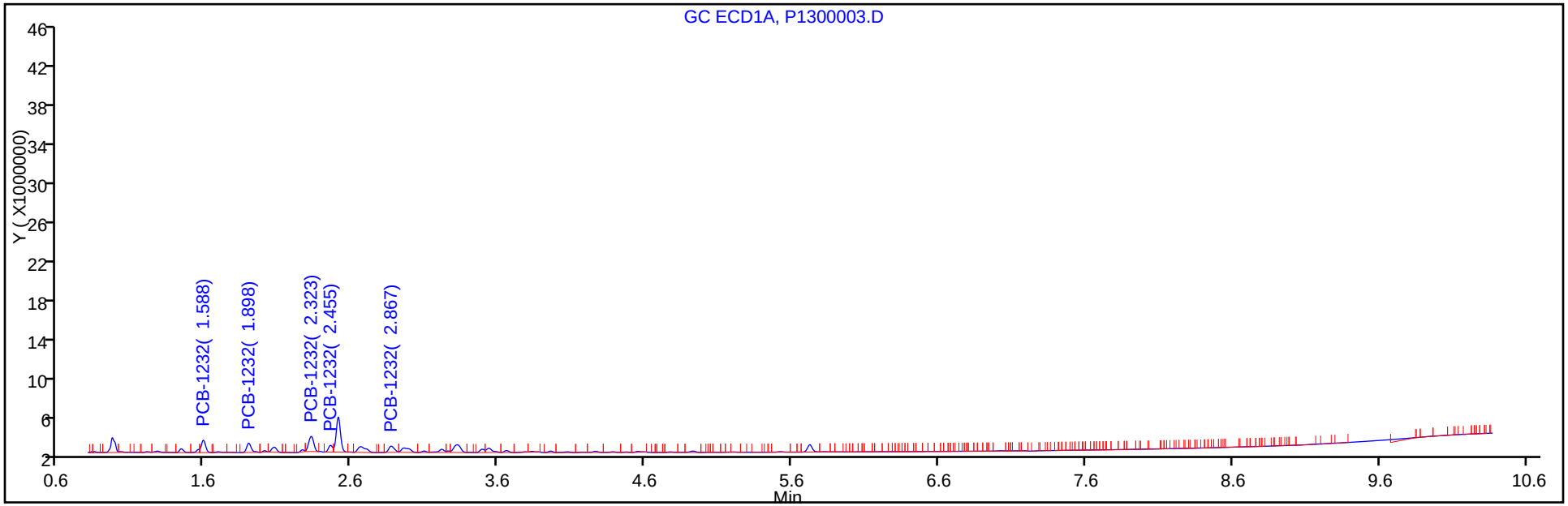
Report Date: 22-Oct-2012 09:18:48 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

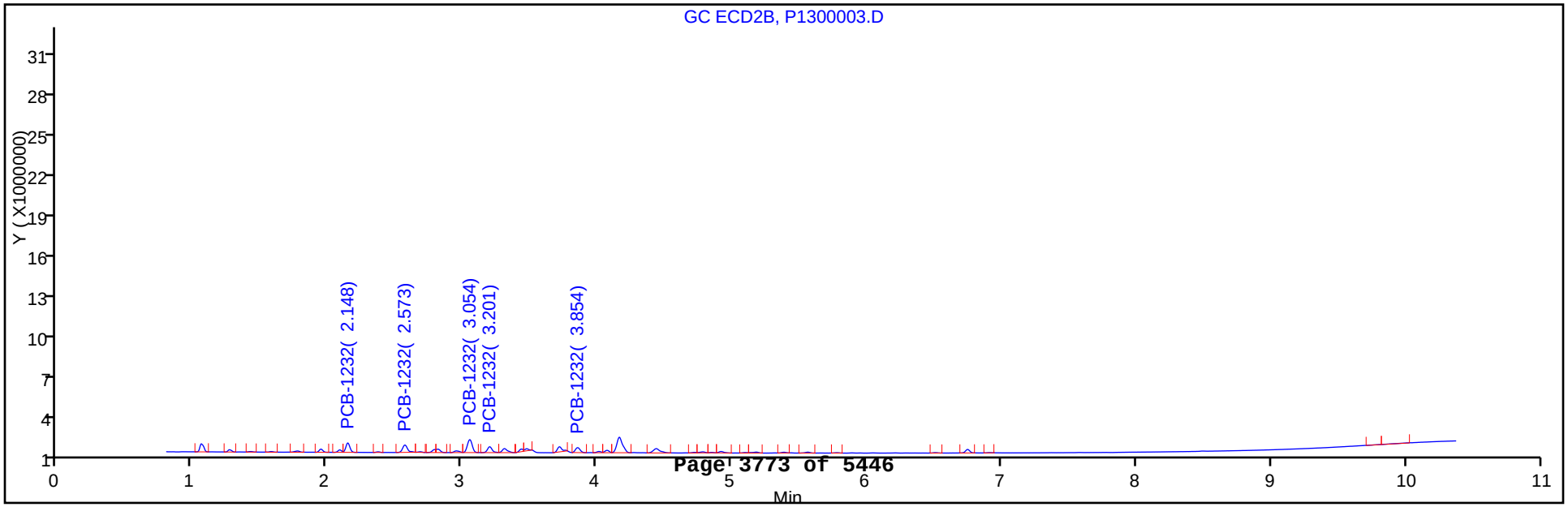
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Injection Date:	21-Oct-2012 16:53:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



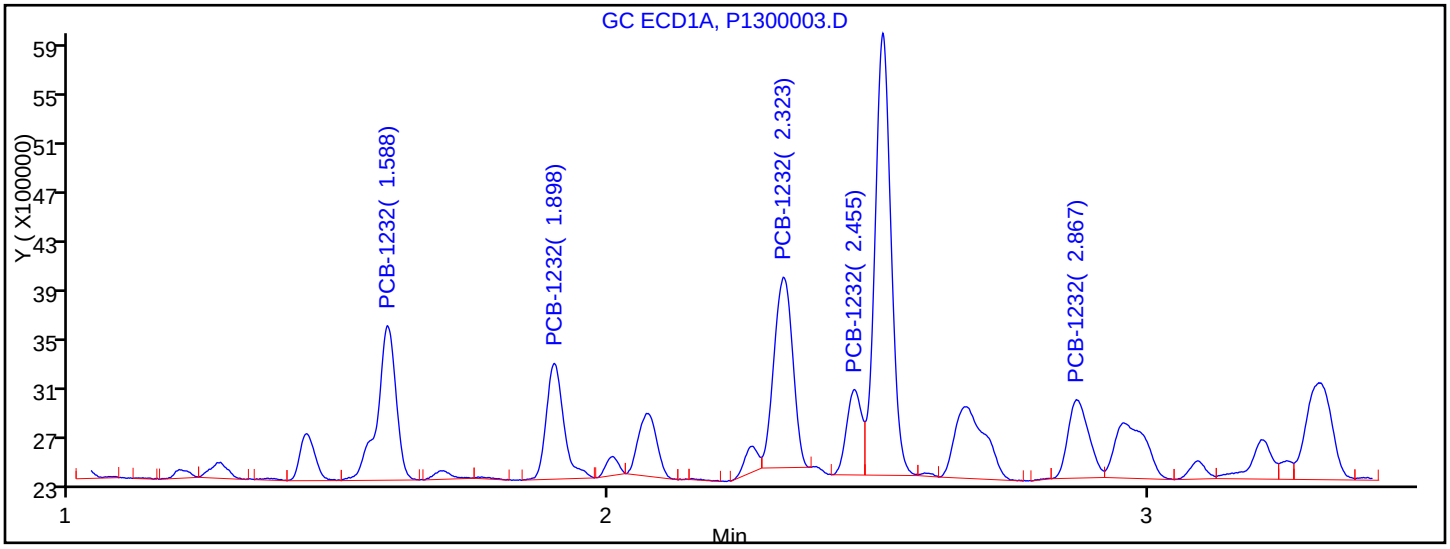
Report Date: 22-Oct-2012 09:18:48 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D

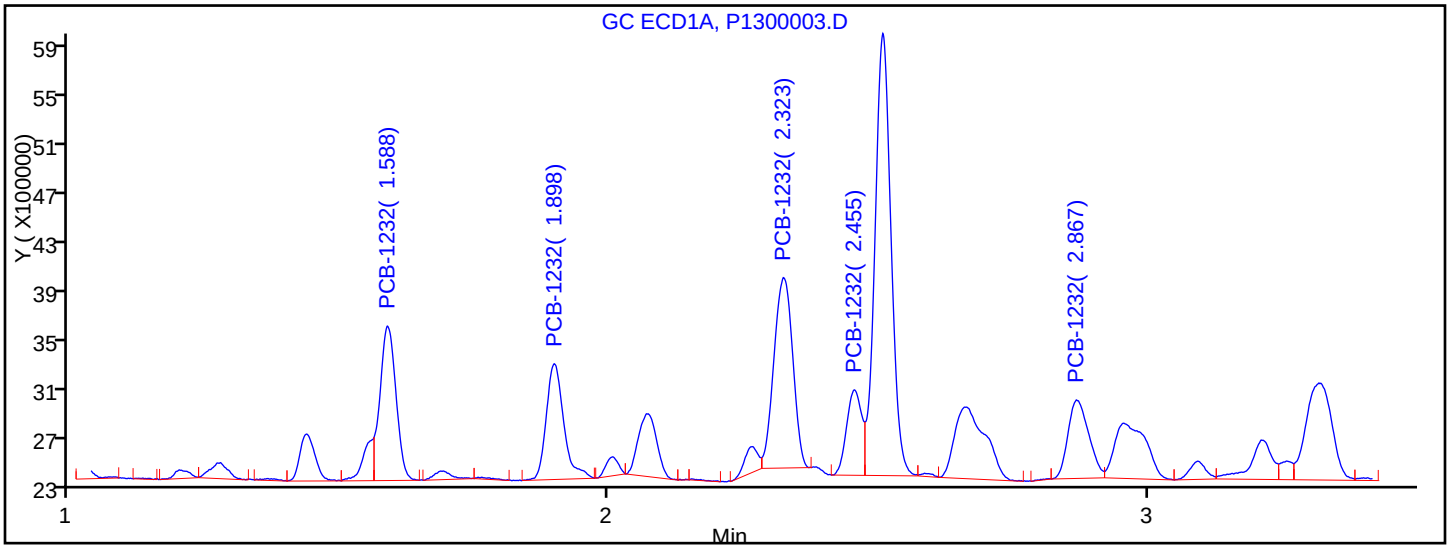
Injection Date:	21-Oct-2012 16:53:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.588	Response = 3066179	M
RT = 1.898	Response = 2132322	
RT = 2.323	Response = 3767503	
RT = 2.455	Response = 1359921	
RT = 2.867	Response = 1714173	



Manual Integration Results

RT = 1.588	Response = 2588233	M
RT = 1.898	Response = 2132322	
RT = 2.323	Response = 3767503	
RT = 2.455	Response = 1359921	
RT = 2.867	Response = 1714173	

Reviewer: hassl, 22-Oct-2012 09:01:42

Audit Action: Split an Integrated Peak

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D
Lims ID: STD01 1232 Client ID:
Inject. Date: 21-Oct-2012 17:08:13 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-004
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 62068 Lims Sample ID: 4
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:46 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.587	1.588	-0.001	4909091	0.1140		100.0	M
1	2	1.897	1.898	-0.001	3998732	0.1123	57.1- 107.1	81.5	
1	3	2.322	2.323	-0.001	8137134	0.1141	143.5- 193.5	165.8	
1	4	2.455	2.455	0.000	2731240	0.1001	40.1- 90.1	55.6	
1	5	2.868	2.867	0.001	3254738	0.1114	41.3- 91.3	66.3	
			Average of Peak Amounts =			0.1104			
2	6	2.148	2.148	0.000	2635543	0.1085		100.0	
2	7	2.572	2.573	-0.001	2464456	0.1050	67.8- 127.8	93.5	
2	8	3.053	3.054	-0.001	4271561	0.1054	132.2- 192.2	162.1	
2	9	3.202	3.201	0.001	1926793	0.1100	40.5- 100.5	73.1	
2	10	3.855	3.854	0.001	1530329	0.1030	30.2- 90.2	58.1	
			Average of Peak Amounts =			0.1064			
						RPD = 3.68			

QC Flag Legend

Review Flags
M - Manually Integrated

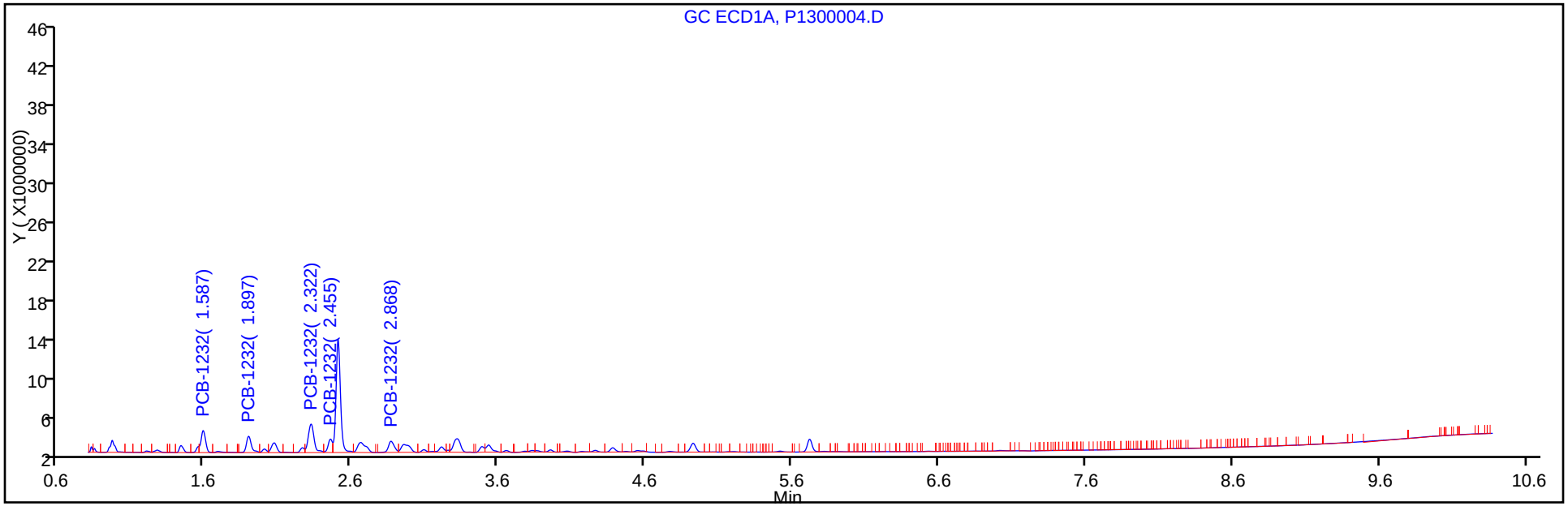
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

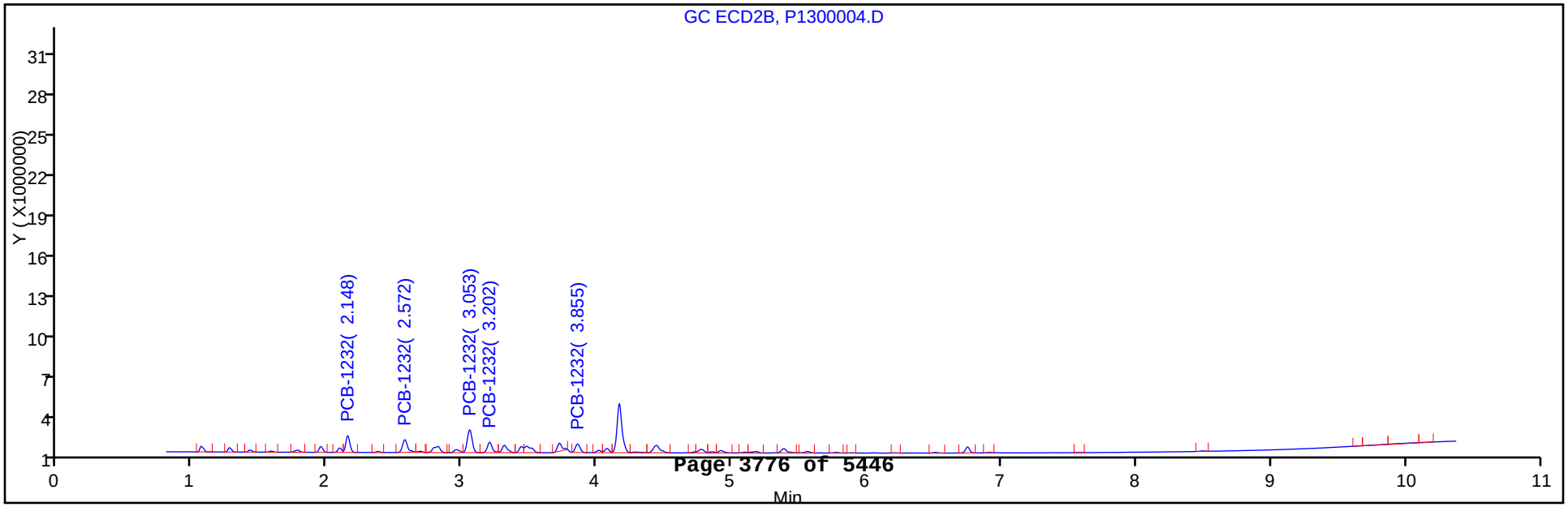
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

Injection Date:	21-Oct-2012 17:08:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



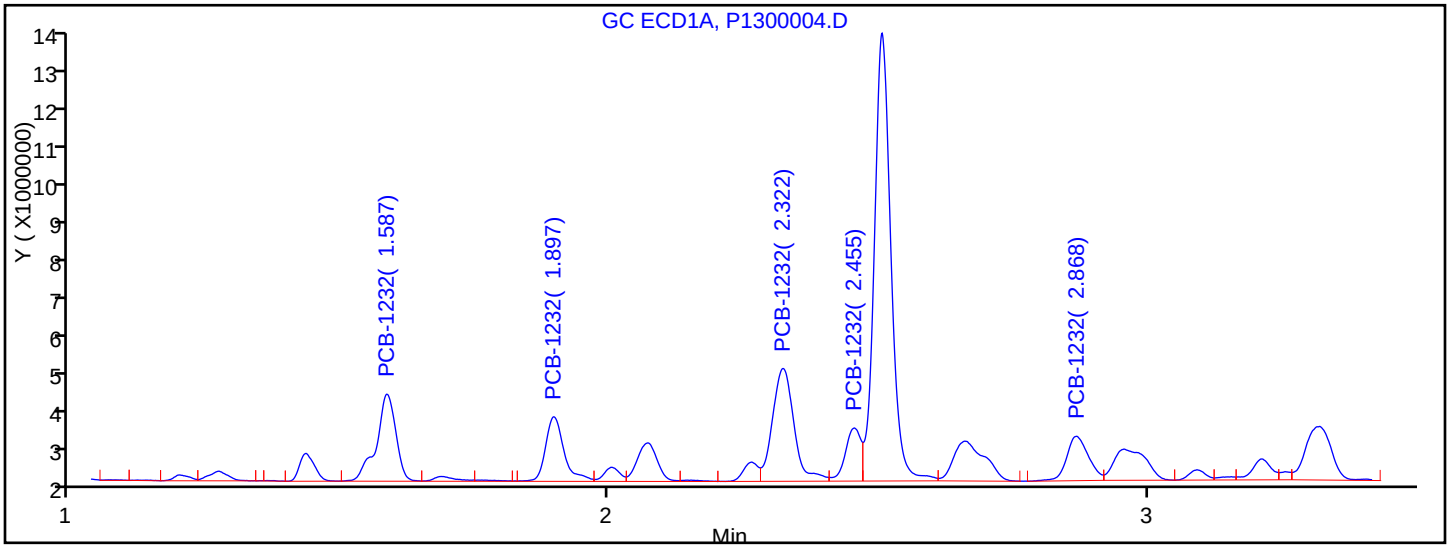
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

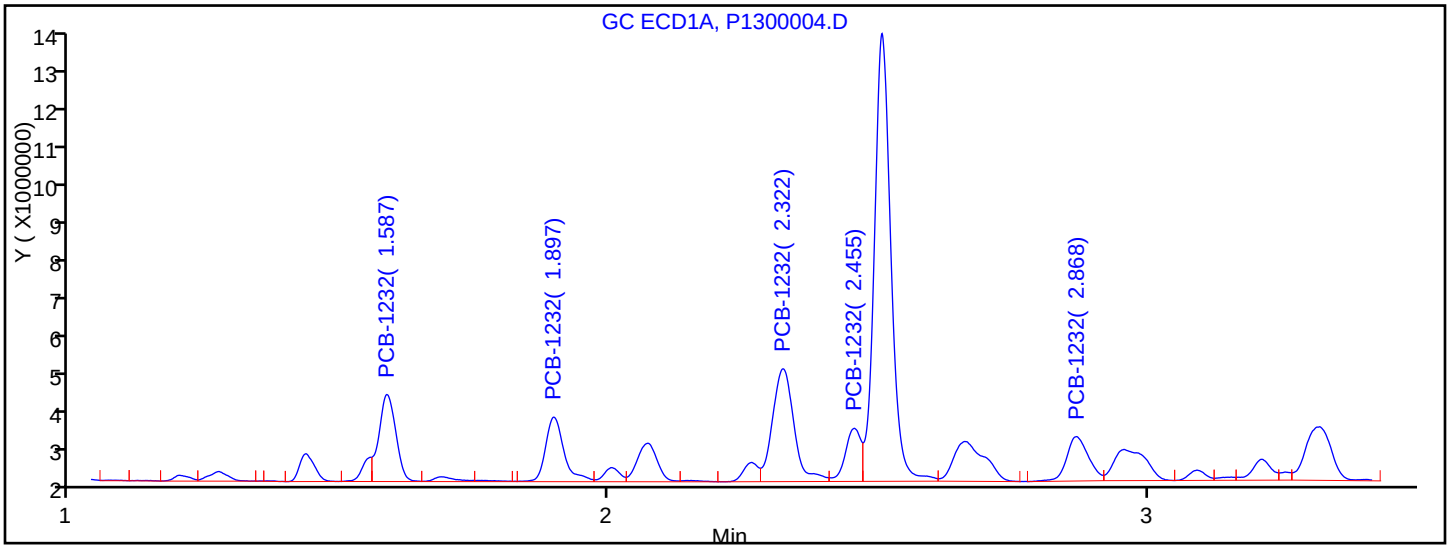
Injection Date:	21-Oct-2012 17:08:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 5672452	M
RT = 1.897	Response = 3998732	
RT = 2.322	Response = 8137134	
RT = 2.455	Response = 2731240	
RT = 2.868	Response = 3254738	



Manual Integration Results

RT = 1.587	Response = 4909091	M
RT = 1.897	Response = 3998732	
RT = 2.322	Response = 8137134	
RT = 2.455	Response = 2731240	
RT = 2.868	Response = 3254738	

Reviewer: hassl, 22-Oct-2012 09:01:32

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D
Lims ID: STD02 1232 Client ID:
Inject. Date: 21-Oct-2012 17:23:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-005
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 62068 Lims Sample ID: 5
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:44 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	8835296	0.2052		100.0	M
1	2	1.896	1.898	-0.002	7256770	0.2037	57.1- 107.1	82.1	
1	3	2.321	2.323	-0.002	14888462	0.2088	143.5- 193.5	168.5	
1	4	2.454	2.455	-0.001	5750046	0.2108	40.1- 90.1	65.1	
1	5	2.866	2.867	-0.001	5858898	0.2005	41.3- 91.3	66.3	
			Average of Peak Amounts =			0.2058			
2	6	2.147	2.148	-0.001	4864632	0.2002		100.0	
2	7	2.571	2.573	-0.002	4757412	0.2027	67.8- 127.8	97.8	
2	8	3.054	3.054	0.000	7889088	0.1947	132.2- 192.2	162.2	
2	9	3.201	3.201	0.000	3428216	0.1958	40.5- 100.5	70.5	
2	10	3.853	3.854	-0.001	2927551	0.1971	30.2- 90.2	60.2	
			Average of Peak Amounts =			0.1981			
						RPD = 3.82			

QC Flag Legend

Review Flags
M - Manually Integrated

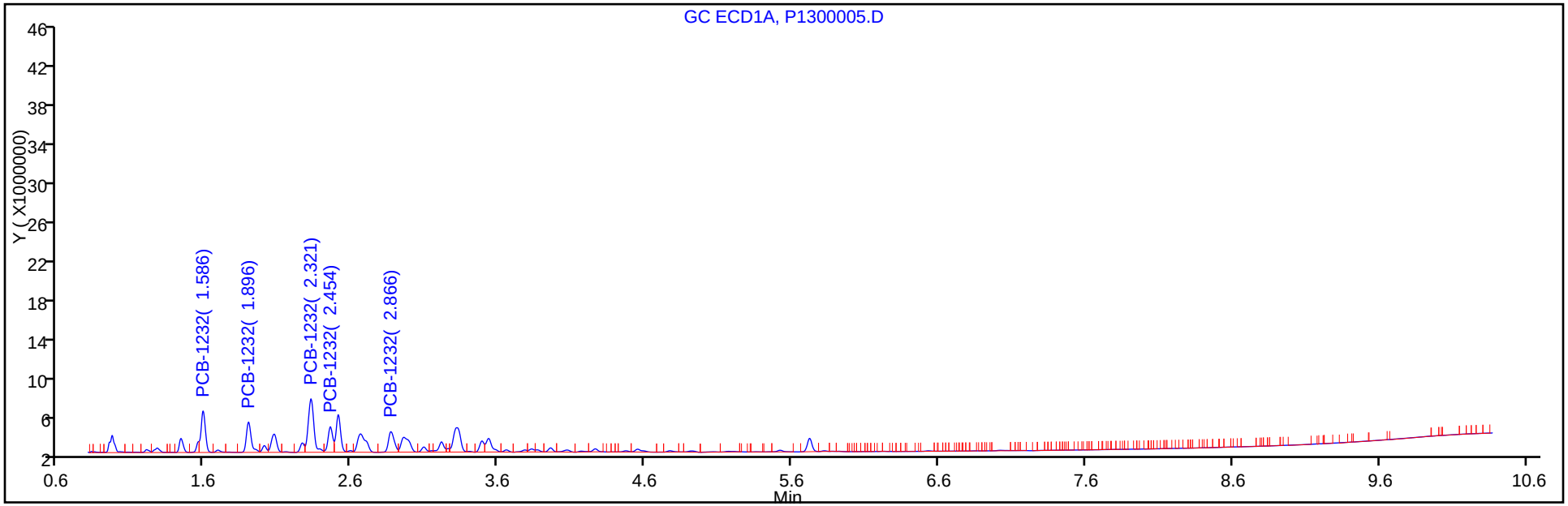
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

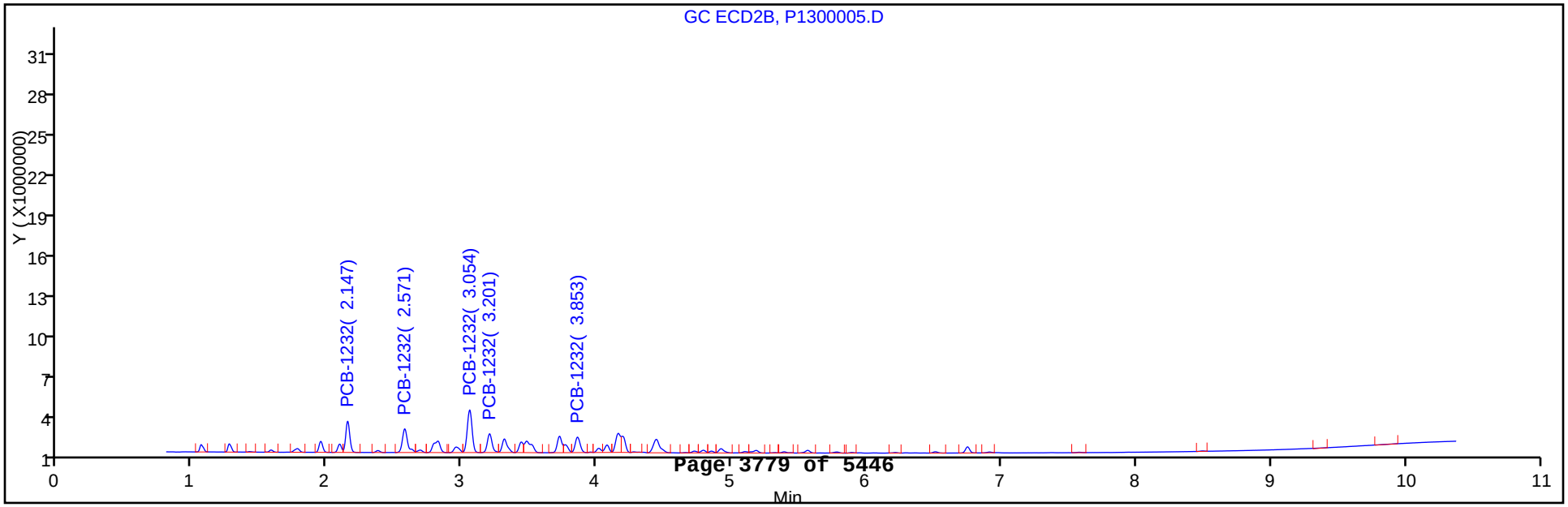
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

Injection Date:	21-Oct-2012 17:23:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



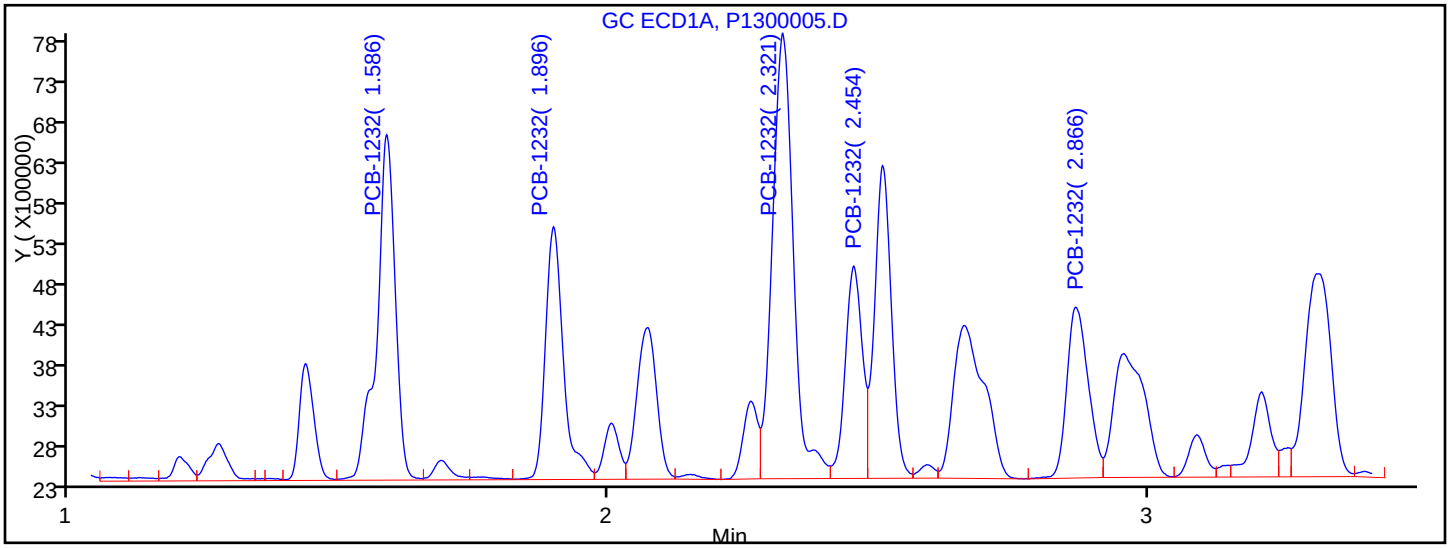
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

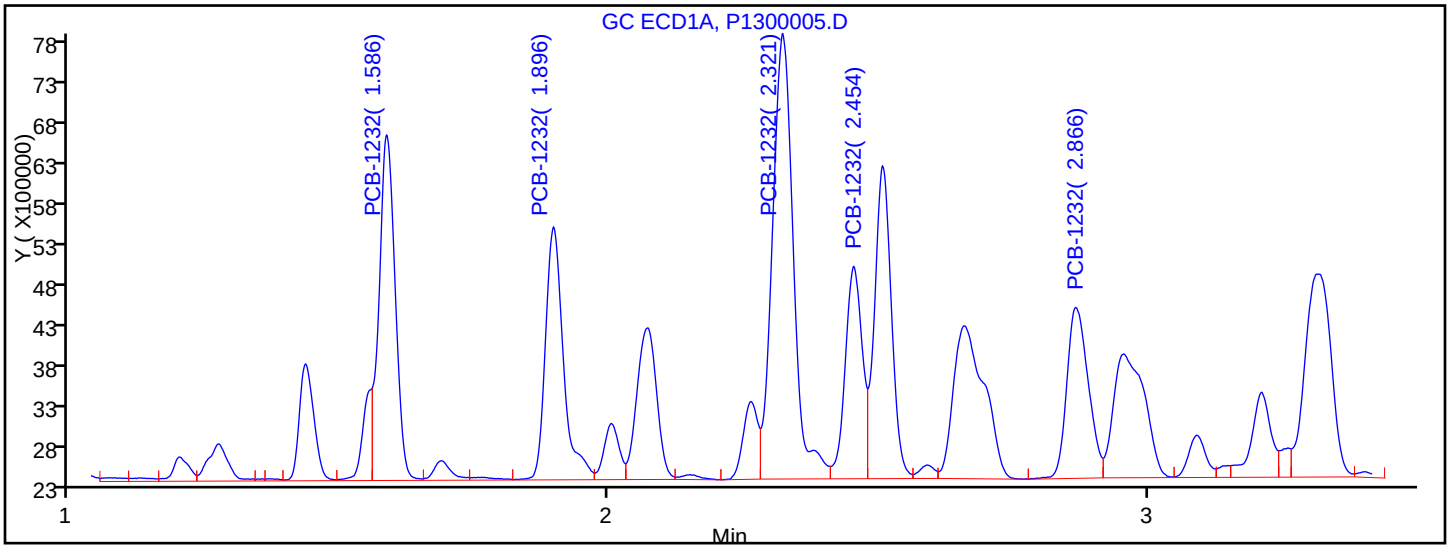
Injection Date:	21-Oct-2012 17:23:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 10194719	M
RT = 1.896	Response = 7256770	
RT = 2.321	Response = 14888462	
RT = 2.454	Response = 5750046	
RT = 2.866	Response = 5858898	



Manual Integration Results

RT = 1.586	Response = 8835296	M
RT = 1.896	Response = 7256770	
RT = 2.321	Response = 14888462	
RT = 2.454	Response = 5750046	
RT = 2.866	Response = 5858898	

Reviewer: hassl, 22-Oct-2012 09:01:18

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D
Lims ID: STD05 1232 Client ID:
Inject. Date: 21-Oct-2012 17:38:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0014228-006
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 62068 Lims Sample ID: 6
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:43 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	20852934	0.4844		100.0	M
1	2	1.895	1.898	-0.003	17071065	0.4792	57.1- 107.1	81.9	
1	3	2.323	2.323	0.000	34420642	0.4826	143.5- 193.5	165.1	
1	4	2.453	2.455	-0.002	14107391	0.5171	40.1- 90.1	67.7	
1	5	2.867	2.867	0.000	14144953	0.4841	41.3- 91.3	67.8	
			Average of Peak Amounts =			0.4895			
2	6	2.147	2.148	-0.001	11595577	0.4772		100.0	
2	7	2.571	2.573	-0.002	11450223	0.4879	67.8- 127.8	98.7	
2	8	3.053	3.054	-0.001	19421914	0.4792	132.2- 192.2	167.5	
2	9	3.200	3.201	-0.001	8257184	0.4715	40.5- 100.5	71.2	
2	10	3.853	3.854	-0.001	7156405	0.4818	30.2- 90.2	61.7	
			Average of Peak Amounts =			0.4795			
						RPD = 2.06			

QC Flag Legend

Review Flags
M - Manually Integrated

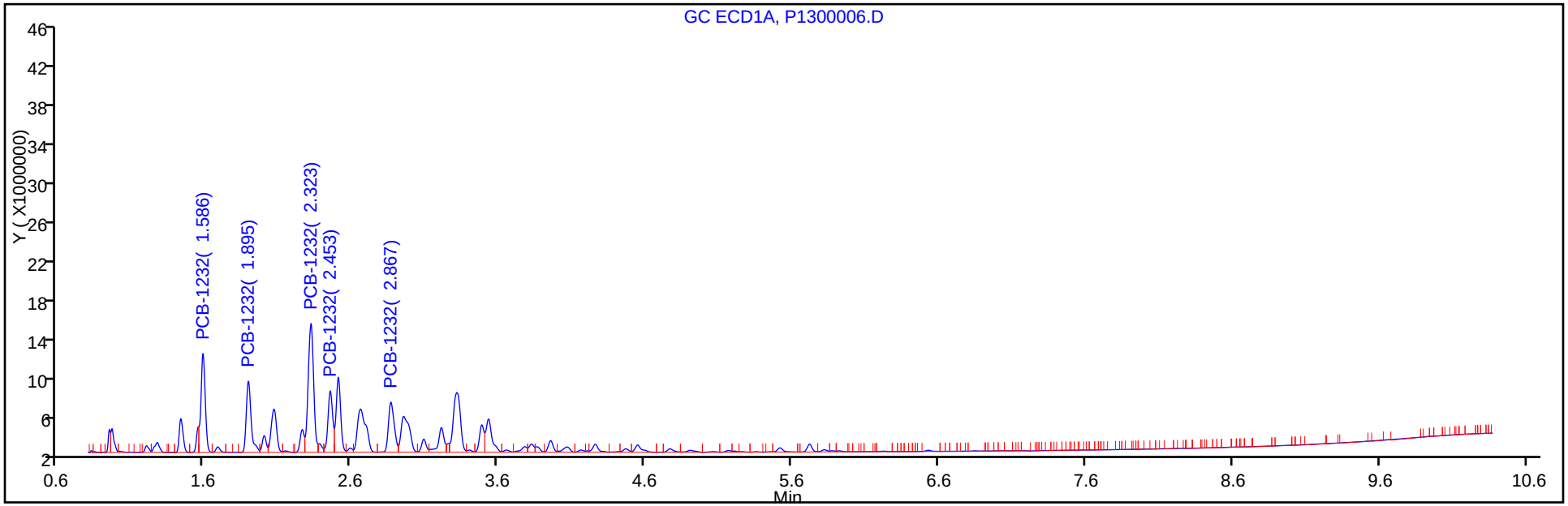
Report Date: 22-Oct-2012 09:18:43 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

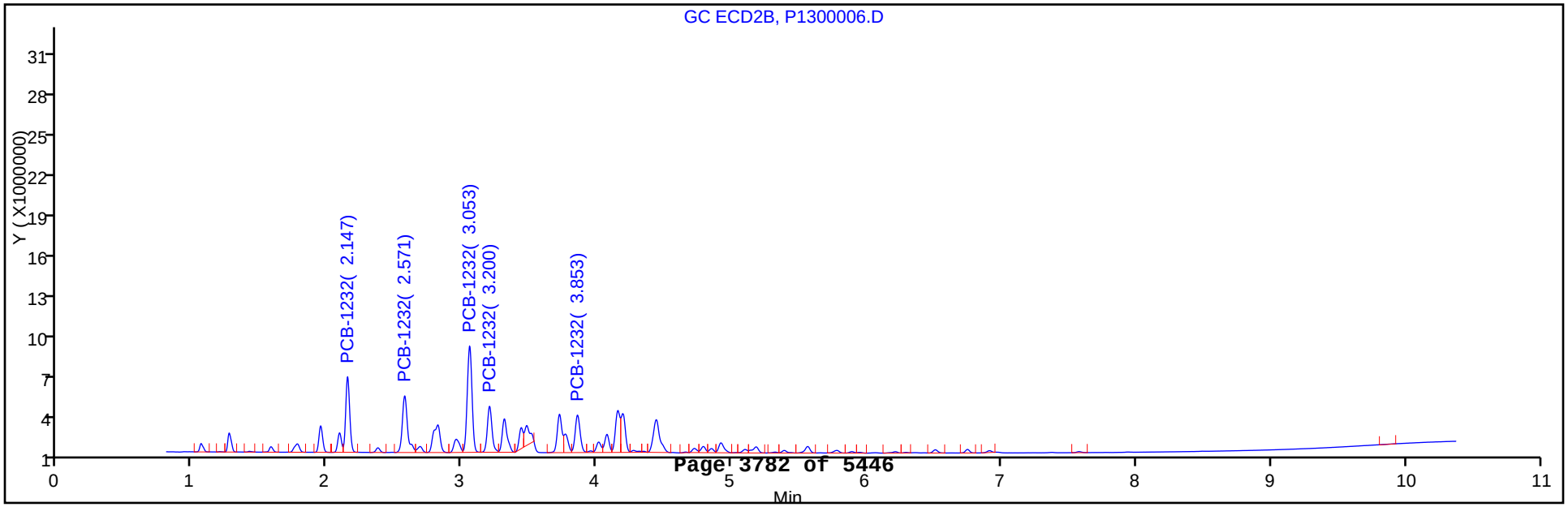
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D

Injection Date:	21-Oct-2012 17:38:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



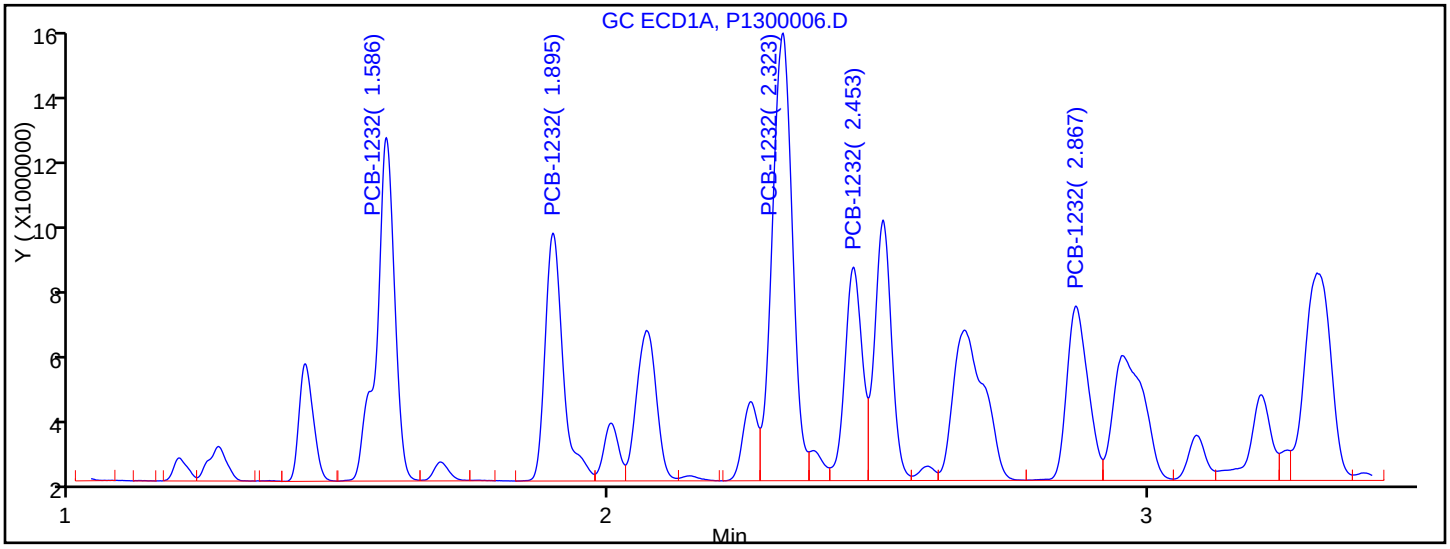
Report Date: 22-Oct-2012 09:18:44 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D

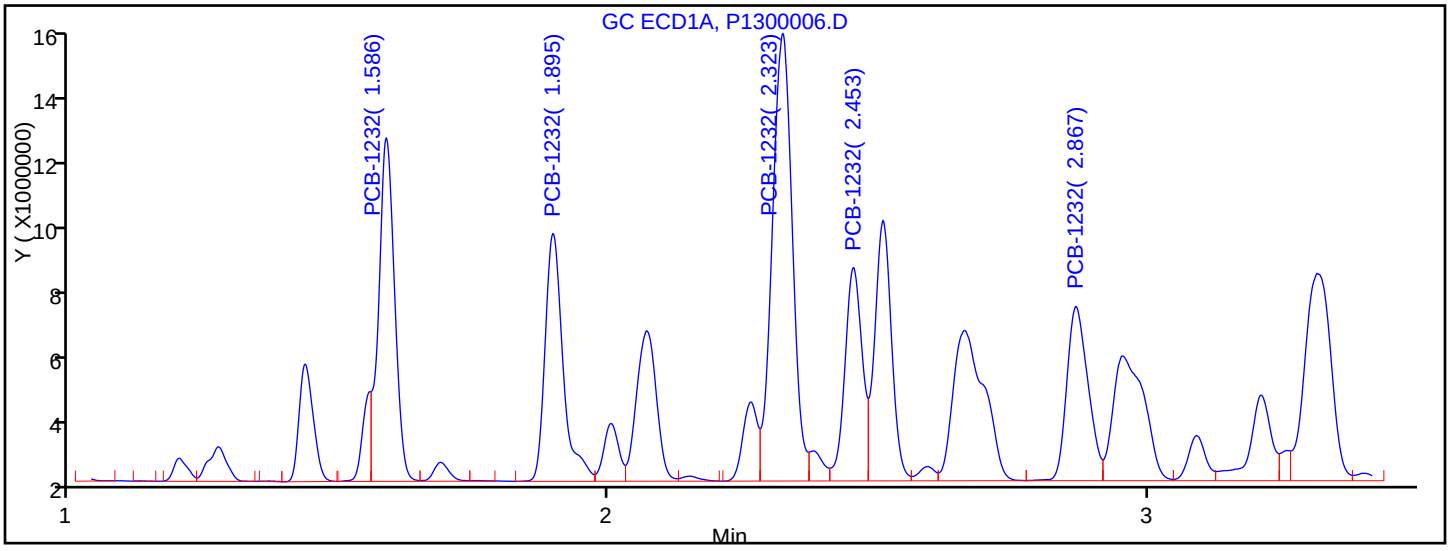
Injection Date:	21-Oct-2012 17:38:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 23679458	M
RT = 1.895	Response = 17071065	
RT = 2.323	Response = 34420642	
RT = 2.453	Response = 14107391	
RT = 2.867	Response = 14144953	



Manual Integration Results

RT = 1.586	Response = 20852934	M
RT = 1.895	Response = 17071065	
RT = 2.323	Response = 34420642	
RT = 2.453	Response = 14107391	
RT = 2.867	Response = 14144953	

Reviewer: hassl, 22-Oct-2012 09:01:07

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D
Lims ID: STD1 1232 Client ID:
Inject. Date: 21-Oct-2012 17:53:00 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014228-007
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 62068 Lims Sample ID: 7
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:41 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.586	1.588	-0.002	37237214	0.8650		100.0	
1	2	1.895	1.898	-0.003	31853144	0.8942	57.1- 107.1	85.5	
1	3	2.322	2.323	-0.001	64967291	0.9110	143.5- 193.5	174.5	
1	4	2.453	2.455	-0.002	26893700	0.9858	40.1- 90.1	72.2	
1	5	2.866	2.867	-0.001	26108691	0.8935	41.3- 91.3	70.1	
			Average of Peak Amounts =			0.9099			
2	6	2.147	2.148	-0.001	22094487	0.9092		100.0	
2	7	2.571	2.573	-0.002	21640533	0.9222	67.8- 127.8	97.9	
2	8	3.052	3.054	-0.002	37930476	0.9359	132.2- 192.2	171.7	
2	9	3.201	3.201	0.000	15896826	0.9077	40.5- 100.5	71.9	
2	10	3.853	3.854	-0.001	13872941	0.9340	30.2- 90.2	62.8	
			Average of Peak Amounts =			0.9218			
						RPD = 1.30			

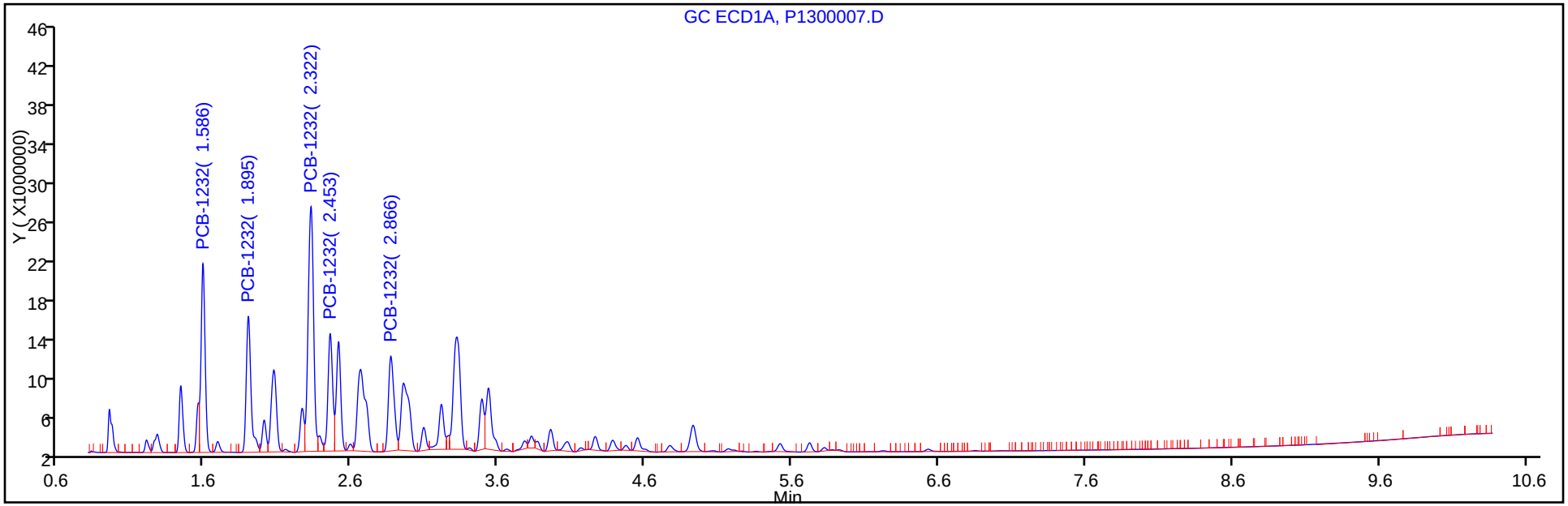
Report Date: 22-Oct-2012 09:18:42 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

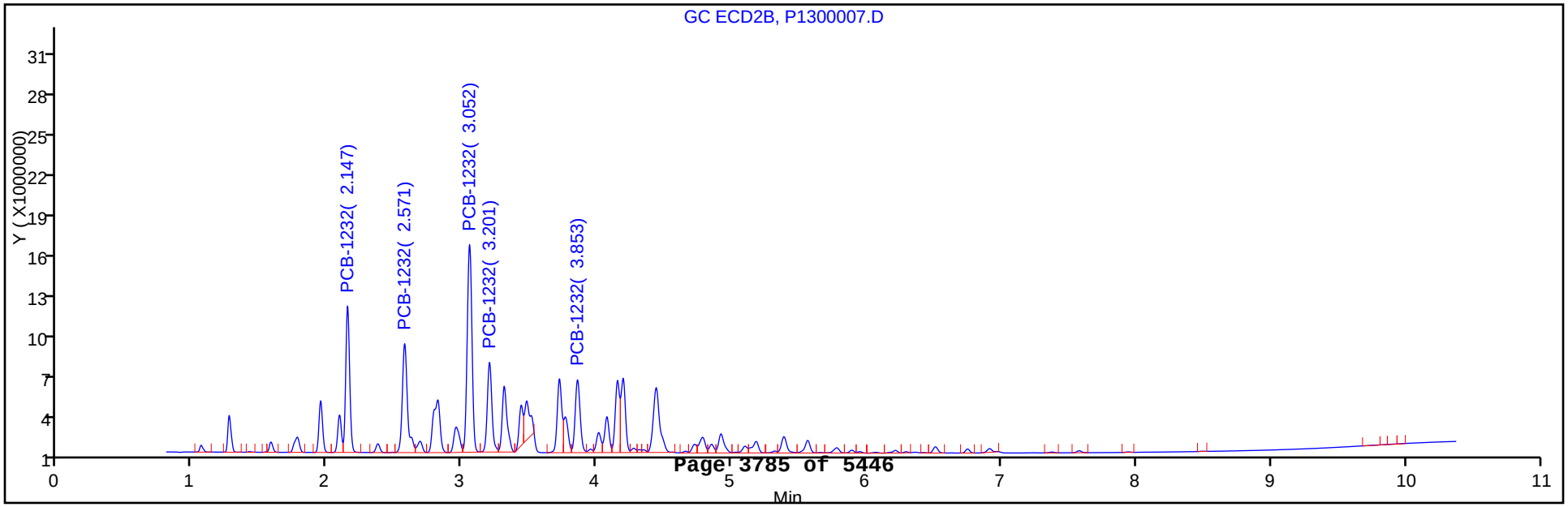
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D

Injection Date:	21-Oct-2012 17:53:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D		
Lims ID:	STD2 1232	Client ID:	
Inject. Date:	21-Oct-2012 18:07:54	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	62068	Lims Sample ID:	8
Sublist:	chrom-PCB13*sub4		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:40	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:02:08

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.587	1.588	-0.001	68621944	1.59		100.0	M
1	2	1.897	1.898	-0.001	57635483	1.62	57.1- 107.1	84.0	
1	3	2.323	2.323	0.000	125869515	1.76	143.5- 193.5	183.4	
1	4	2.454	2.455	-0.001	50627104	1.86	40.1- 90.1	73.8	
1	5	2.868	2.867	0.001	49612956	1.70	41.3- 91.3	72.3	
			Average of Peak Amounts =			1.71			
2	6	2.148	2.148	0.000	40740192	1.68		100.0	
2	7	2.572	2.573	-0.001	39943050	1.70	67.8- 127.8	98.0	
2	8	3.053	3.054	-0.001	71461098	1.76	132.2- 192.2	175.4	
2	9	3.201	3.201	0.000	29690880	1.70	40.5- 100.5	72.9	
2	10	3.855	3.854	0.001	26115959	1.76	30.2- 90.2	64.1	
			Average of Peak Amounts =			1.72			
						RPD = 0.76			

QC Flag Legend

Review Flags
M - Manually Integrated

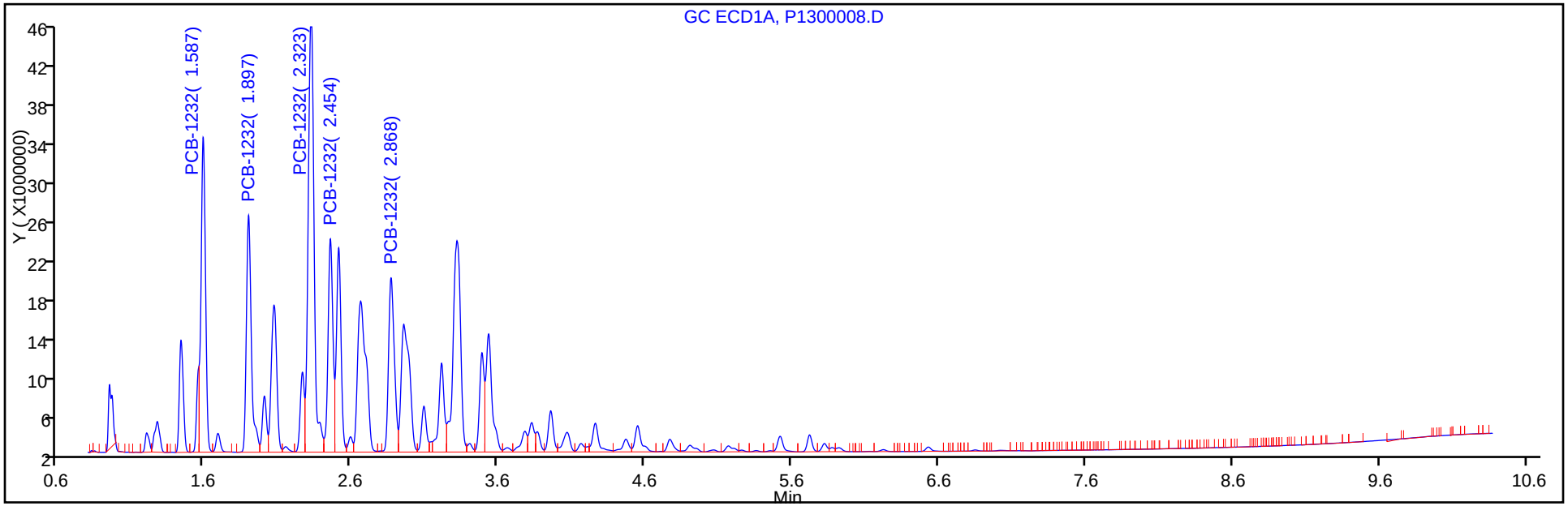
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

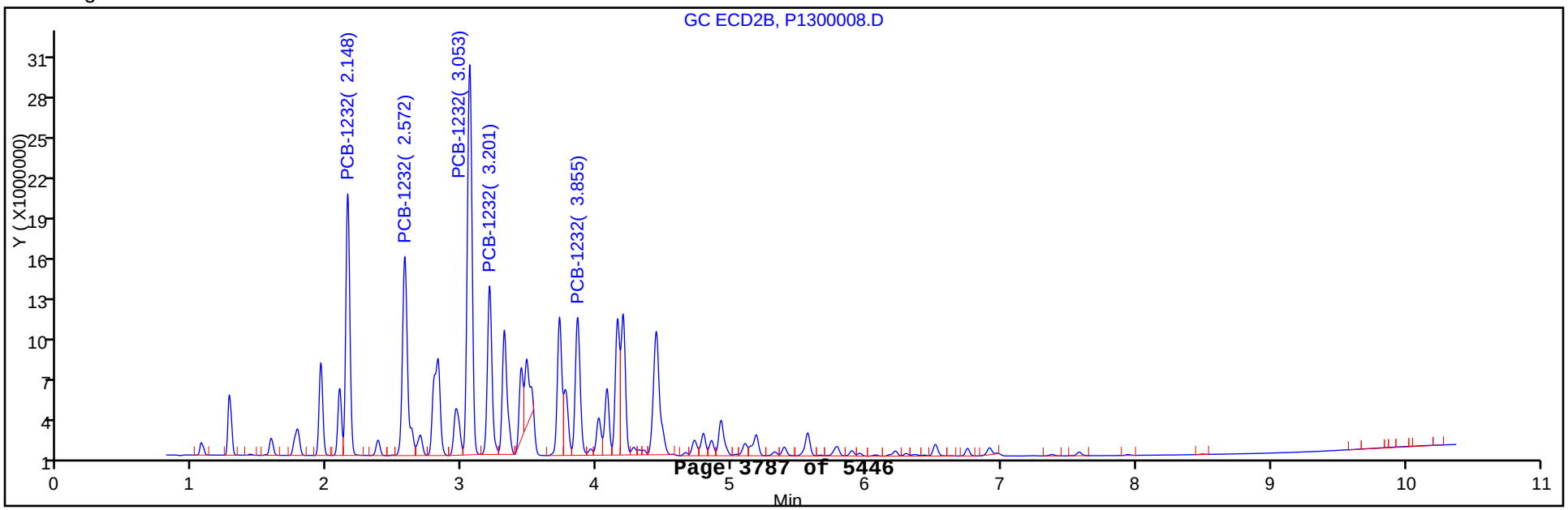
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

Injection Date:	21-Oct-2012 18:07:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



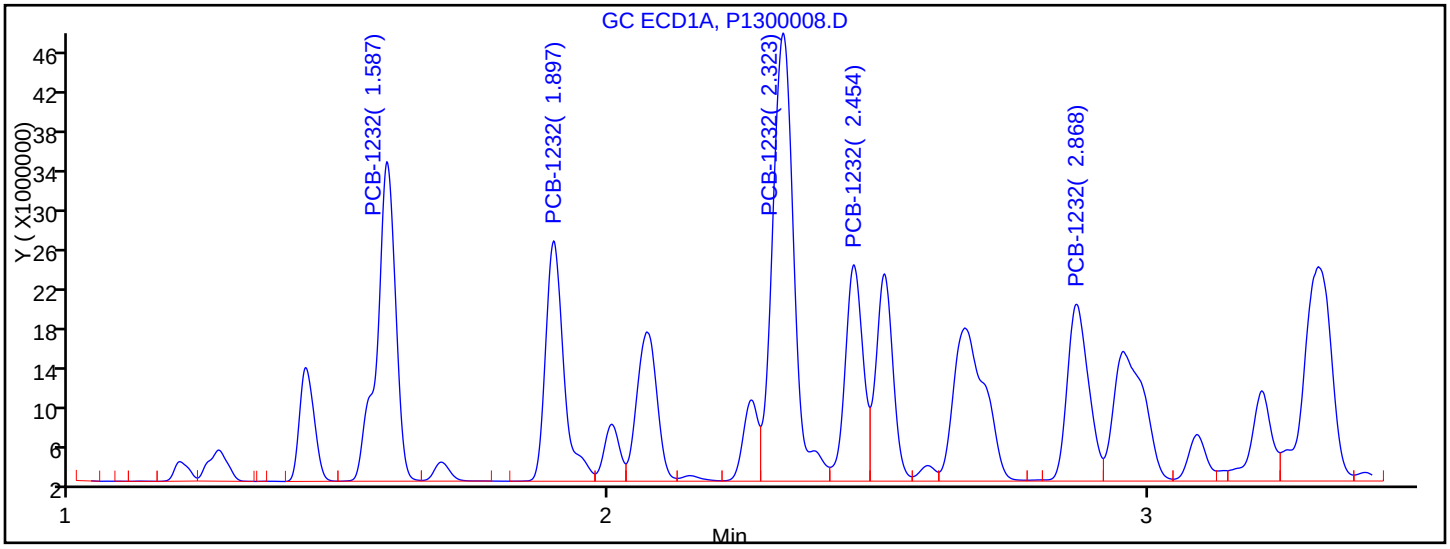
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

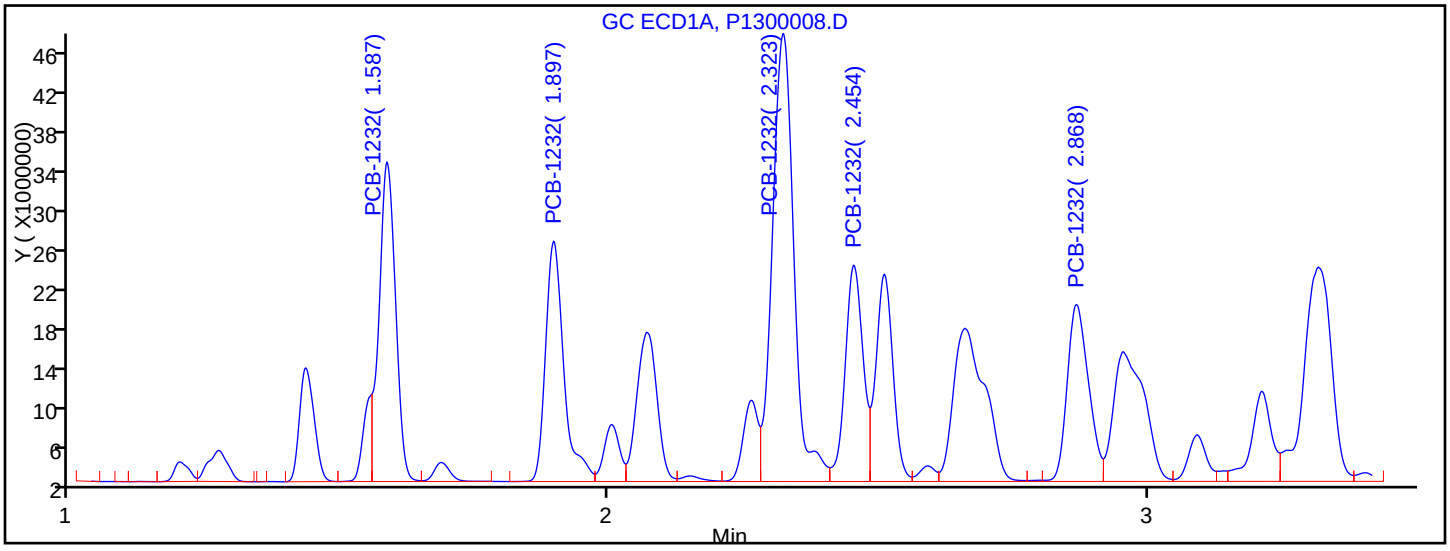
Injection Date:	21-Oct-2012 18:07:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 78277832	M
RT = 1.897	Response = 57635483	
RT = 2.323	Response = 125869515	
RT = 2.454	Response = 50627104	
RT = 2.868	Response = 49612956	



Manual Integration Results

RT = 1.587	Response = 68621944	M
RT = 1.897	Response = 57635483	
RT = 2.323	Response = 125869515	
RT = 2.454	Response = 50627104	
RT = 2.868	Response = 49612956	

Reviewer: hassl, 22-Oct-2012 09:02:08

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 16:53 Calibration End Date: 10/21/2012 18:07 Calibration ID: 12013

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/3	P1300003.D
Level 2	STD01 240-62068/4	P1300004.D
Level 3	STD02 240-62068/5	P1300005.D
Level 4	STD05 240-62068/6	P1300006.D
Level 5	STD1 240-62068/7	P1300007.D
Level 6	STD2 240-62068/8	P1300008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	2.148	2.148	2.147	2.147	2.147	2.148					2.098 - 2.198	2.148
PCB-1232 Peak 2	2.573	2.572	2.571	2.571	2.571	2.572					2.523 - 2.623	2.572
PCB-1232 Peak 3	3.054	3.053	3.054	3.053	3.052	3.053					3.004 - 3.104	3.053
PCB-1232 Peak 4	3.201	3.202	3.201	3.200	3.201	3.201					3.151 - 3.251	3.201
PCB-1232 Peak 5	3.854	3.855	3.853	3.853	3.853	3.855					3.804 - 3.904	3.854

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 16:53 Calibration End Date: 10/21/2012 18:07 Calibration ID: 12013

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/3	P1300003.D
Level 2	STD01 240-62068/4	P1300004.D
Level 3	STD02 240-62068/5	P1300005.D
Level 4	STD05 240-62068/6	P1300006.D
Level 5	STD1 240-62068/7	P1300007.D
Level 6	STD2 240-62068/8	P1300008.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1232 Peak 1	29470560 22094487	26355430 20370096	24323160	23191154	Ave		24300814.5				13.0		20.0			
PCB-1232 Peak 2	27856900 21640533	24644560 19971525	23787060	22900446	Ave		23466837.3				12.0		20.0			
PCB-1232 Peak 3	48492480 37930476	42715610 35730549	39445440	38843828	Ave		40526397.2				11.0		20.0			
PCB-1232 Peak 4	21408540 15896826	19267930 14845440	17141080	16514368	Ave		17512364.0				14.0		20.0			
PCB-1232 Peak 5	17932820 13872941	15303290 13057979	14637755	14312810	Ave		14852932.6				11.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 16:53 Calibration End Date: 10/21/2012 18:07 Calibration ID: 12013

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/3	P1300003.D
Level 2	STD01 240-62068/4	P1300004.D
Level 3	STD02 240-62068/5	P1300005.D
Level 4	STD05 240-62068/6	P1300006.D
Level 5	STD1 240-62068/7	P1300007.D
Level 6	STD2 240-62068/8	P1300008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Ave	1473528 40740192	2635543	4864632	11595577	22094487	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	Ave	1392845 39943050	2464456	4757412	11450223	21640533	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	Ave	2424624 71461098	4271561	7889088	19421914	37930476	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	Ave	1070427 29690880	1926793	3428216	8257184	15896826	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	Ave	896641 26115959	1530329	2927551	7156405	13872941	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D
Lims ID: STD005 1232 Client ID:
Inject. Date: 21-Oct-2012 16:53:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-003
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 62068 Lims Sample ID: 3
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:48 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:42

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.588	1.588	0.000	2588233	0.0601		100.0	M
1	2	1.898	1.898	0.000	2132322	0.0599	57.1- 107.1	82.4	
1	3	2.323	2.323	0.000	3767503	0.0528	143.5- 193.5	145.6	
1	4	2.455	2.455	0.000	1359921	0.0498	40.1- 90.1	52.5	
1	5	2.867	2.867	0.000	1714173	0.0587	41.3- 91.3	66.2	
			Average of Peak Amounts =			0.0563			
2	6	2.148	2.148	0.000	1473528	0.0606		100.0	
2	7	2.573	2.573	0.000	1392845	0.0594	67.8- 127.8	94.5	
2	8	3.054	3.054	0.000	2424624	0.0598	132.2- 192.2	164.5	
2	9	3.201	3.201	0.000	1070427	0.0611	40.5- 100.5	72.6	
2	10	3.854	3.854	0.000	896641	0.0604	30.2- 90.2	60.8	
			Average of Peak Amounts =			0.0603			
						RPD = 6.86			

QC Flag Legend

Review Flags
M - Manually Integrated

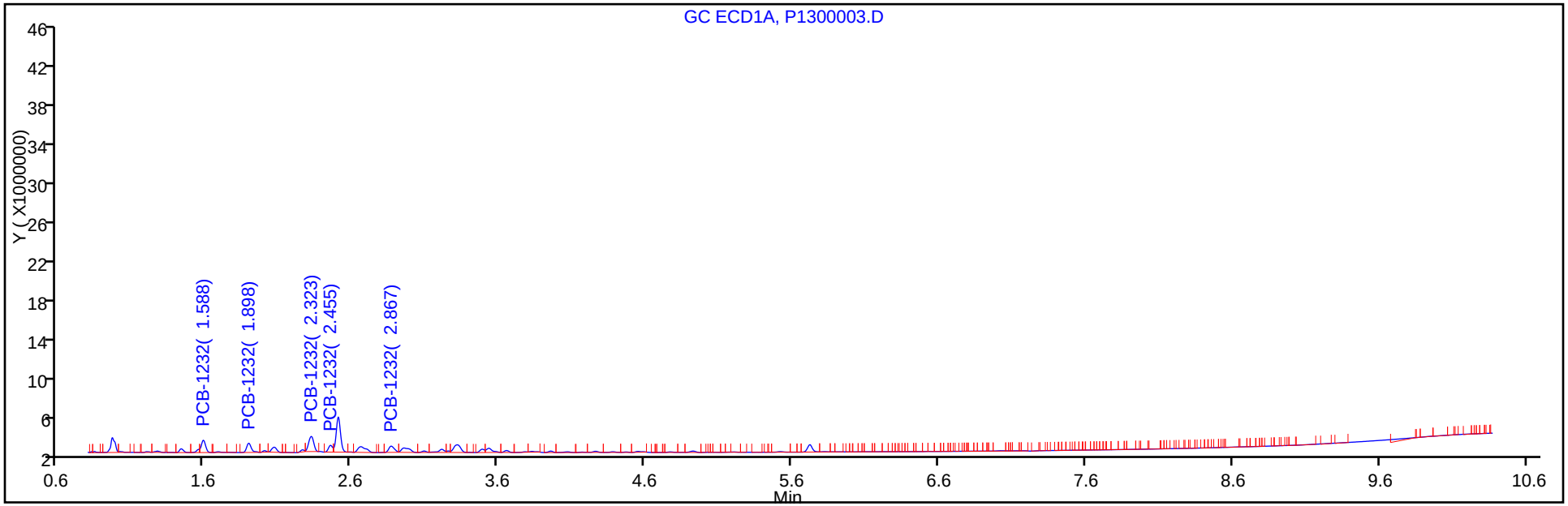
Report Date: 22-Oct-2012 09:18:49 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

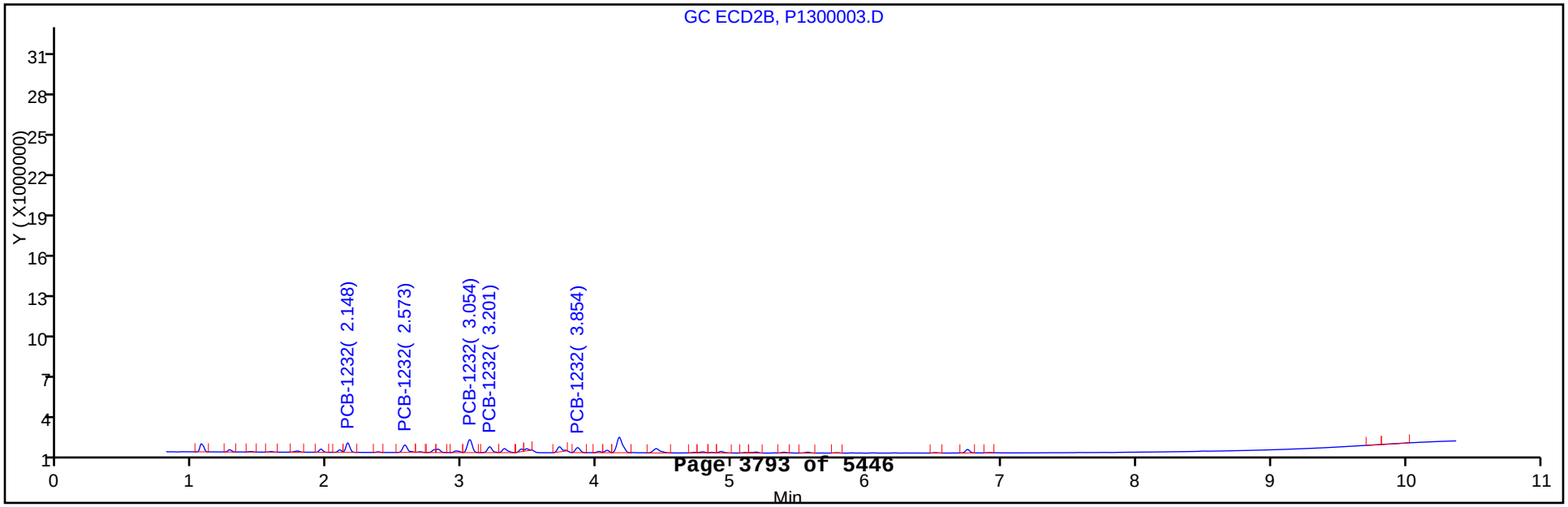
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D

Injection Date:	21-Oct-2012 16:53:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D
Lims ID: STD01 1232 Client ID:
Inject. Date: 21-Oct-2012 17:08:13 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-004
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 62068 Lims Sample ID: 4
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:46 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.587	1.588	-0.001	4909091	0.1140		100.0	M
1	2	1.897	1.898	-0.001	3998732	0.1123	57.1- 107.1	81.5	
1	3	2.322	2.323	-0.001	8137134	0.1141	143.5- 193.5	165.8	
1	4	2.455	2.455	0.000	2731240	0.1001	40.1- 90.1	55.6	
1	5	2.868	2.867	0.001	3254738	0.1114	41.3- 91.3	66.3	
			Average of Peak Amounts =			0.1104			
2	6	2.148	2.148	0.000	2635543	0.1085		100.0	
2	7	2.572	2.573	-0.001	2464456	0.1050	67.8- 127.8	93.5	
2	8	3.053	3.054	-0.001	4271561	0.1054	132.2- 192.2	162.1	
2	9	3.202	3.201	0.001	1926793	0.1100	40.5- 100.5	73.1	
2	10	3.855	3.854	0.001	1530329	0.1030	30.2- 90.2	58.1	
			Average of Peak Amounts =			0.1064			
						RPD = 3.68			

QC Flag Legend

Review Flags
M - Manually Integrated

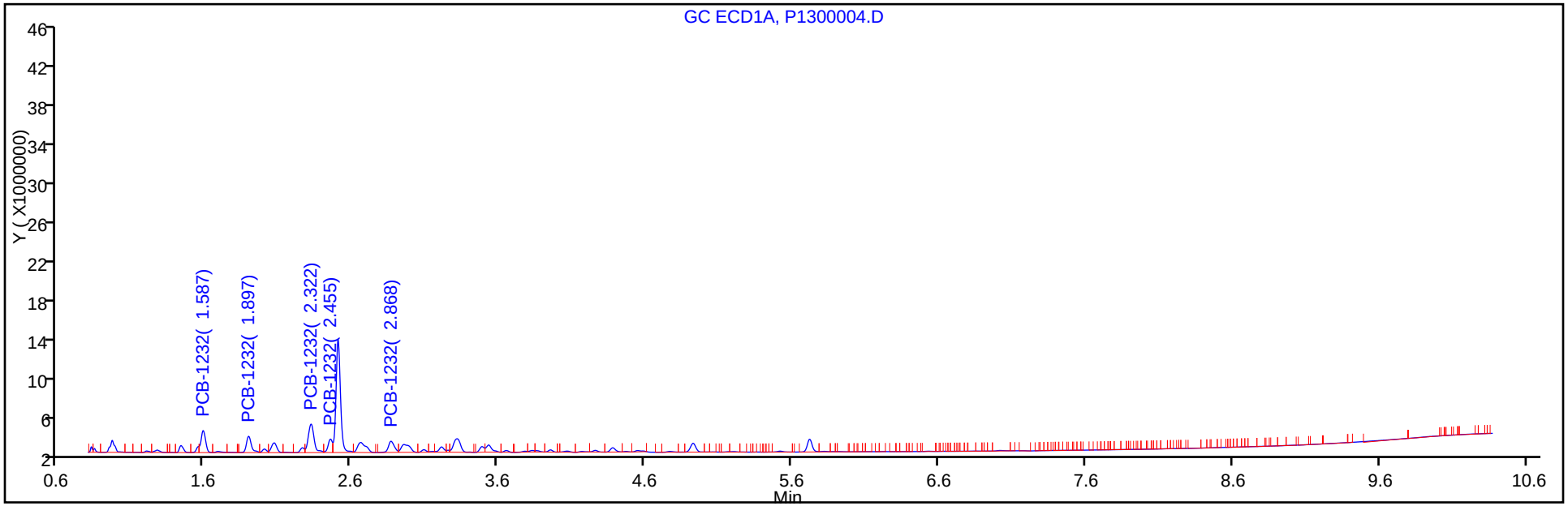
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

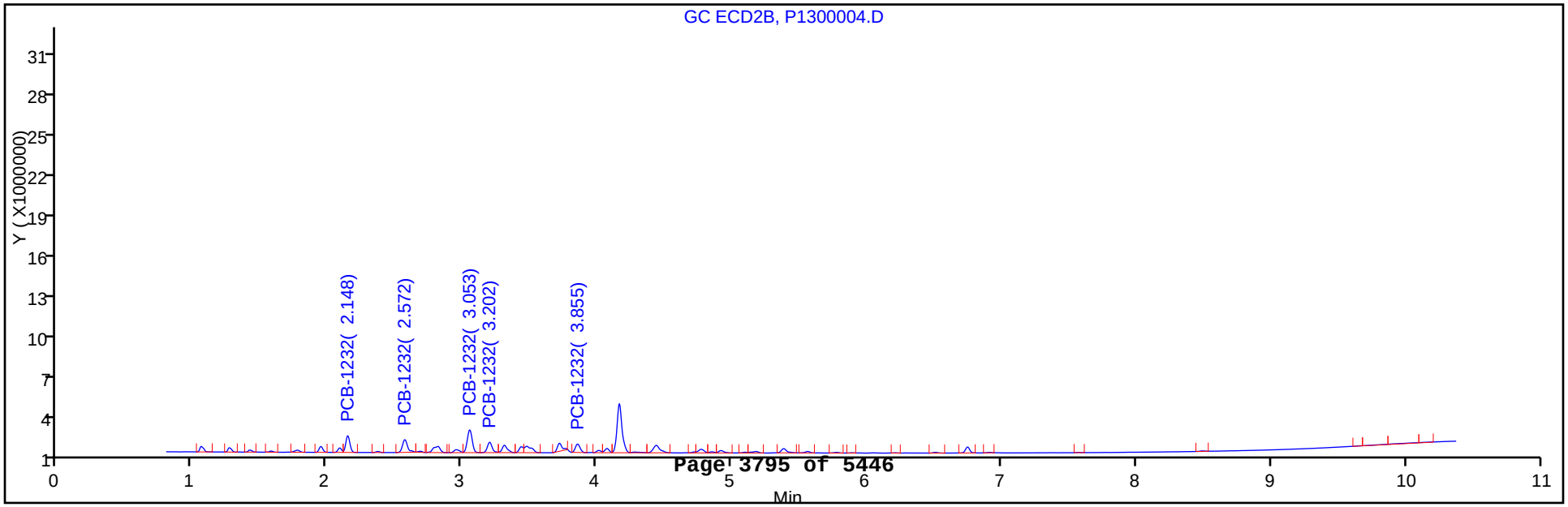
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

Injection Date:	21-Oct-2012 17:08:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D
Lims ID: STD02 1232 Client ID:
Inject. Date: 21-Oct-2012 17:23:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-005
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 62068 Lims Sample ID: 5
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:44 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	8835296	0.2052		100.0	M
1	2	1.896	1.898	-0.002	7256770	0.2037	57.1- 107.1	82.1	
1	3	2.321	2.323	-0.002	14888462	0.2088	143.5- 193.5	168.5	
1	4	2.454	2.455	-0.001	5750046	0.2108	40.1- 90.1	65.1	
1	5	2.866	2.867	-0.001	5858898	0.2005	41.3- 91.3	66.3	
			Average of Peak Amounts =			0.2058			
2	6	2.147	2.148	-0.001	4864632	0.2002		100.0	
2	7	2.571	2.573	-0.002	4757412	0.2027	67.8- 127.8	97.8	
2	8	3.054	3.054	0.000	7889088	0.1947	132.2- 192.2	162.2	
2	9	3.201	3.201	0.000	3428216	0.1958	40.5- 100.5	70.5	
2	10	3.853	3.854	-0.001	2927551	0.1971	30.2- 90.2	60.2	
			Average of Peak Amounts =			0.1981			
						RPD = 3.82			

QC Flag Legend

Review Flags
M - Manually Integrated

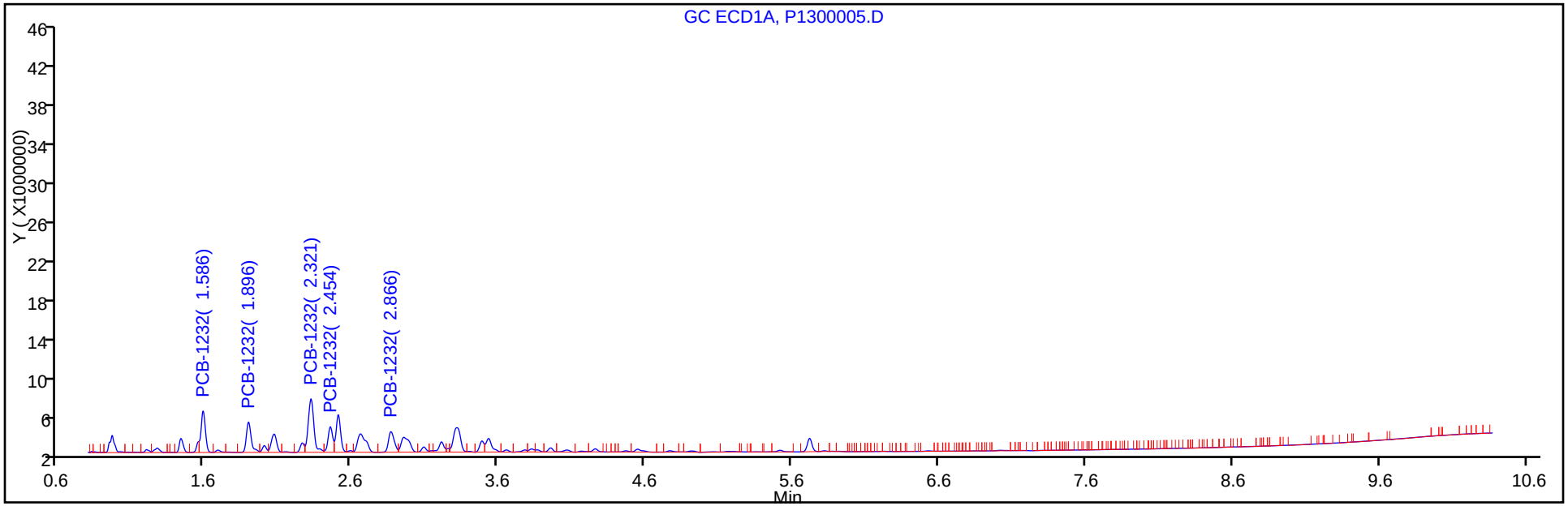
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

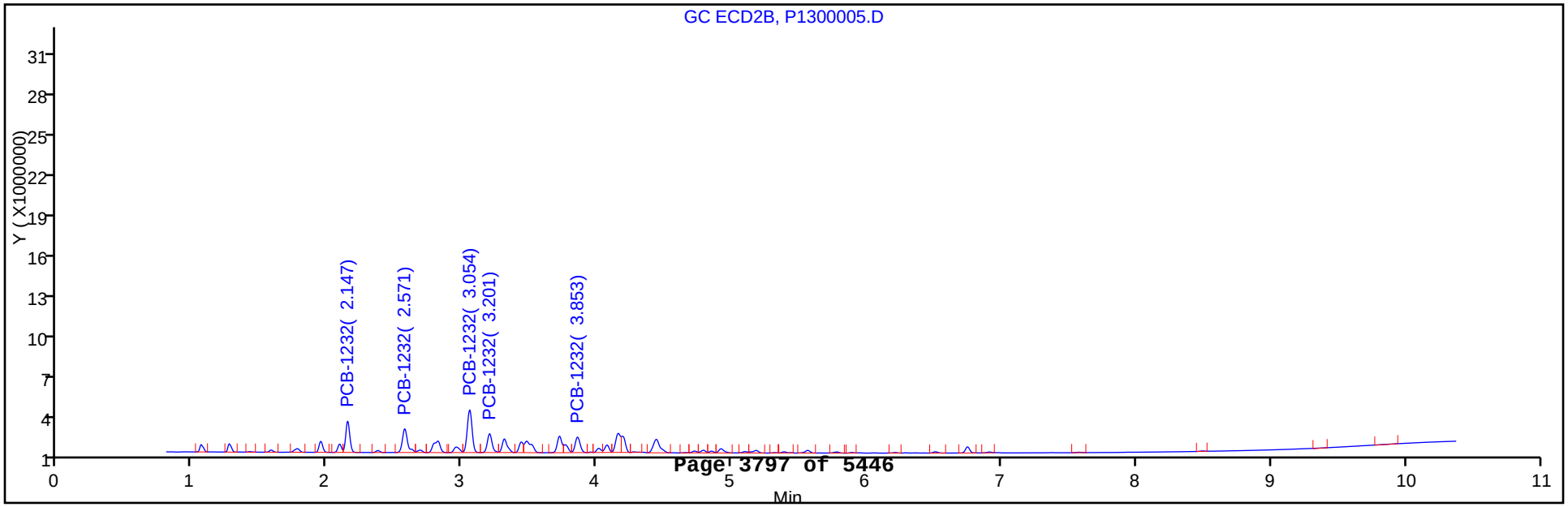
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

Injection Date:	21-Oct-2012 17:23:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D		
Lims ID:	STD05 1232	Client ID:	
Inject. Date:	21-Oct-2012 17:38:05	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0014228-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	62068	Lims Sample ID:	6
Sublist:	chrom-PCB13*sub4		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:43	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:01:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	20852934	0.4844		100.0	M
1	2	1.895	1.898	-0.003	17071065	0.4792	57.1- 107.1	81.9	
1	3	2.323	2.323	0.000	34420642	0.4826	143.5- 193.5	165.1	
1	4	2.453	2.455	-0.002	14107391	0.5171	40.1- 90.1	67.7	
1	5	2.867	2.867	0.000	14144953	0.4841	41.3- 91.3	67.8	
			Average of Peak Amounts =			0.4895			
2	6	2.147	2.148	-0.001	11595577	0.4772		100.0	
2	7	2.571	2.573	-0.002	11450223	0.4879	67.8- 127.8	98.7	
2	8	3.053	3.054	-0.001	19421914	0.4792	132.2- 192.2	167.5	
2	9	3.200	3.201	-0.001	8257184	0.4715	40.5- 100.5	71.2	
2	10	3.853	3.854	-0.001	7156405	0.4818	30.2- 90.2	61.7	
			Average of Peak Amounts =			0.4795			
						RPD = 2.06			

QC Flag Legend

Review Flags
M - Manually Integrated

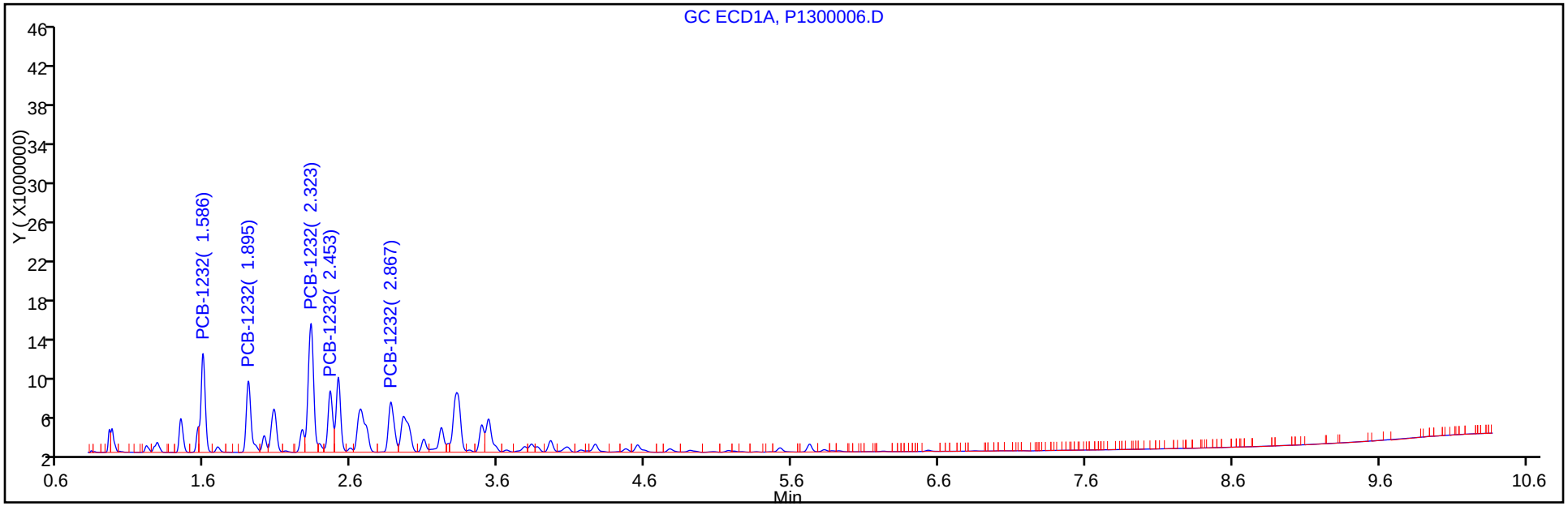
Report Date: 22-Oct-2012 09:18:44 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

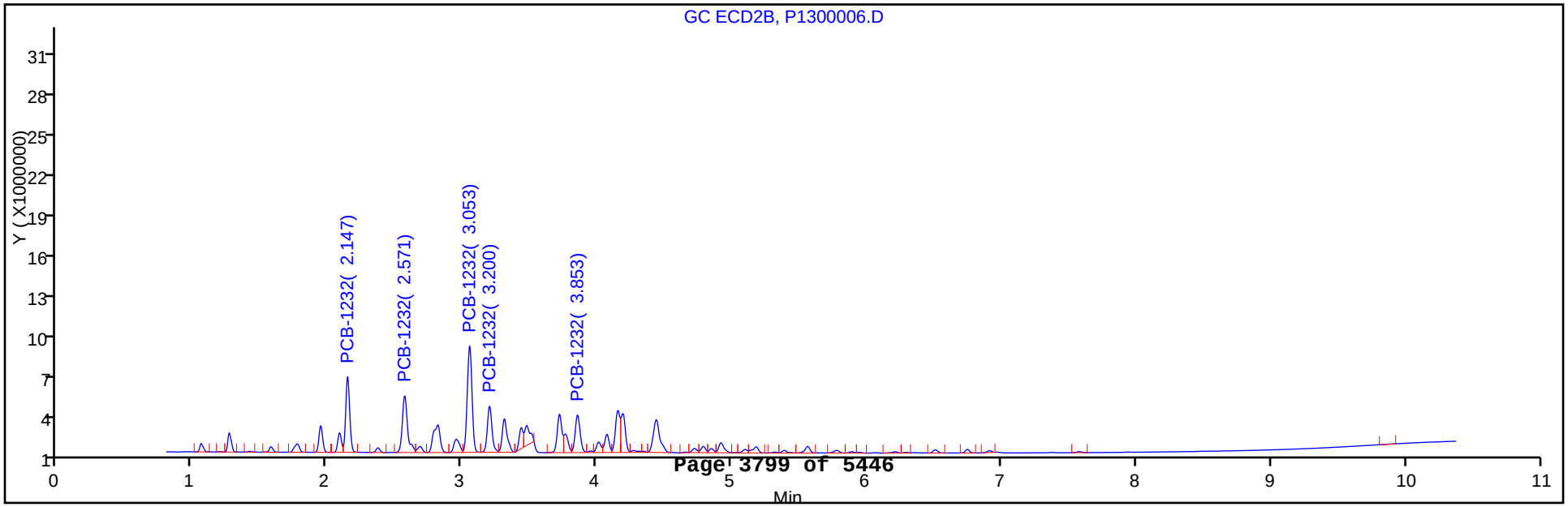
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Injection Date:	21-Oct-2012 17:38:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D
Lims ID: STD1 1232 Client ID:
Inject. Date: 21-Oct-2012 17:53:00 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014228-007
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 62068 Lims Sample ID: 7
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:41 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.586	1.588	-0.002	37237214	0.8650		100.0	
1	2	1.895	1.898	-0.003	31853144	0.8942	57.1- 107.1	85.5	
1	3	2.322	2.323	-0.001	64967291	0.9110	143.5- 193.5	174.5	
1	4	2.453	2.455	-0.002	26893700	0.9858	40.1- 90.1	72.2	
1	5	2.866	2.867	-0.001	26108691	0.8935	41.3- 91.3	70.1	
			Average of Peak Amounts =			0.9099			
2	6	2.147	2.148	-0.001	22094487	0.9092		100.0	
2	7	2.571	2.573	-0.002	21640533	0.9222	67.8- 127.8	97.9	
2	8	3.052	3.054	-0.002	37930476	0.9359	132.2- 192.2	171.7	
2	9	3.201	3.201	0.000	15896826	0.9077	40.5- 100.5	71.9	
2	10	3.853	3.854	-0.001	13872941	0.9340	30.2- 90.2	62.8	
			Average of Peak Amounts =			0.9218			
						RPD = 1.30			

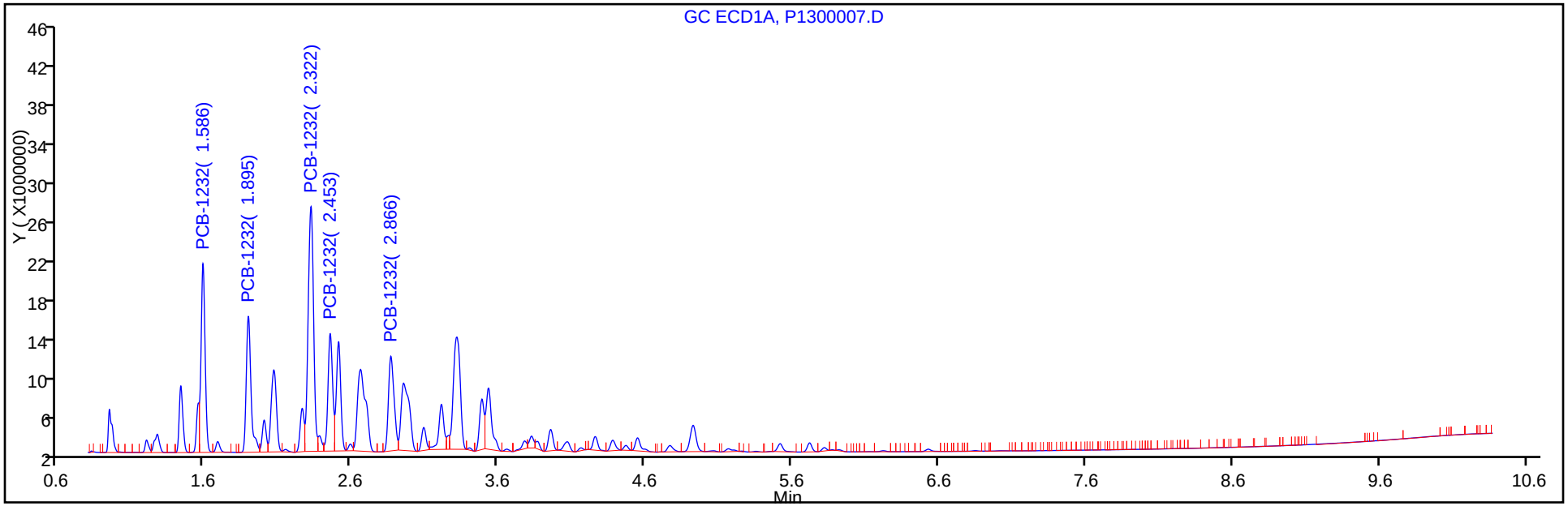
Report Date: 22-Oct-2012 09:18:42 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

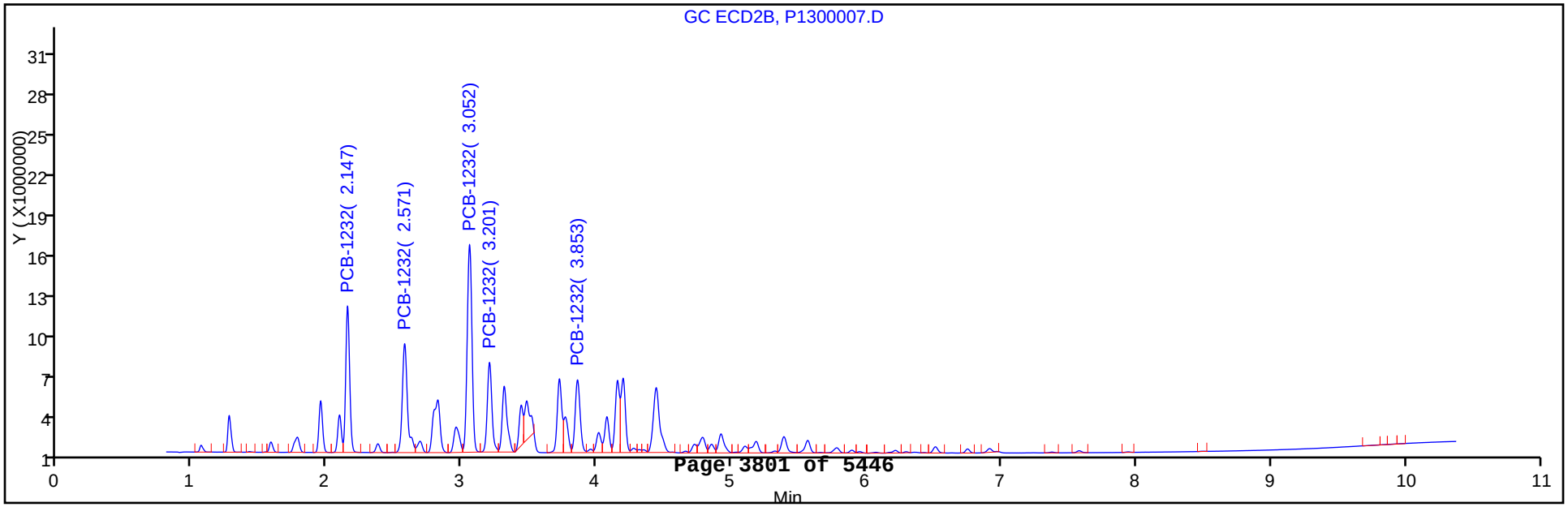
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D

Injection Date:	21-Oct-2012 17:53:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D
Lims ID: STD2 1232 Client ID:
Inject. Date: 21-Oct-2012 18:07:54 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0014228-008
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 62068 Lims Sample ID: 8
Sublist: chrom-PCB13*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:40 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:02:08

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.587	1.588	-0.001	68621944	1.59		100.0	M
1	2	1.897	1.898	-0.001	57635483	1.62	57.1- 107.1	84.0	
1	3	2.323	2.323	0.000	125869515	1.76	143.5- 193.5	183.4	
1	4	2.454	2.455	-0.001	50627104	1.86	40.1- 90.1	73.8	
1	5	2.868	2.867	0.001	49612956	1.70	41.3- 91.3	72.3	
			Average of Peak Amounts =			1.71			
2	6	2.148	2.148	0.000	40740192	1.68		100.0	
2	7	2.572	2.573	-0.001	39943050	1.70	67.8- 127.8	98.0	
2	8	3.053	3.054	-0.001	71461098	1.76	132.2- 192.2	175.4	
2	9	3.201	3.201	0.000	29690880	1.70	40.5- 100.5	72.9	
2	10	3.855	3.854	0.001	26115959	1.76	30.2- 90.2	64.1	
			Average of Peak Amounts =			1.72			
						RPD = 0.76			

QC Flag Legend

Review Flags
M - Manually Integrated

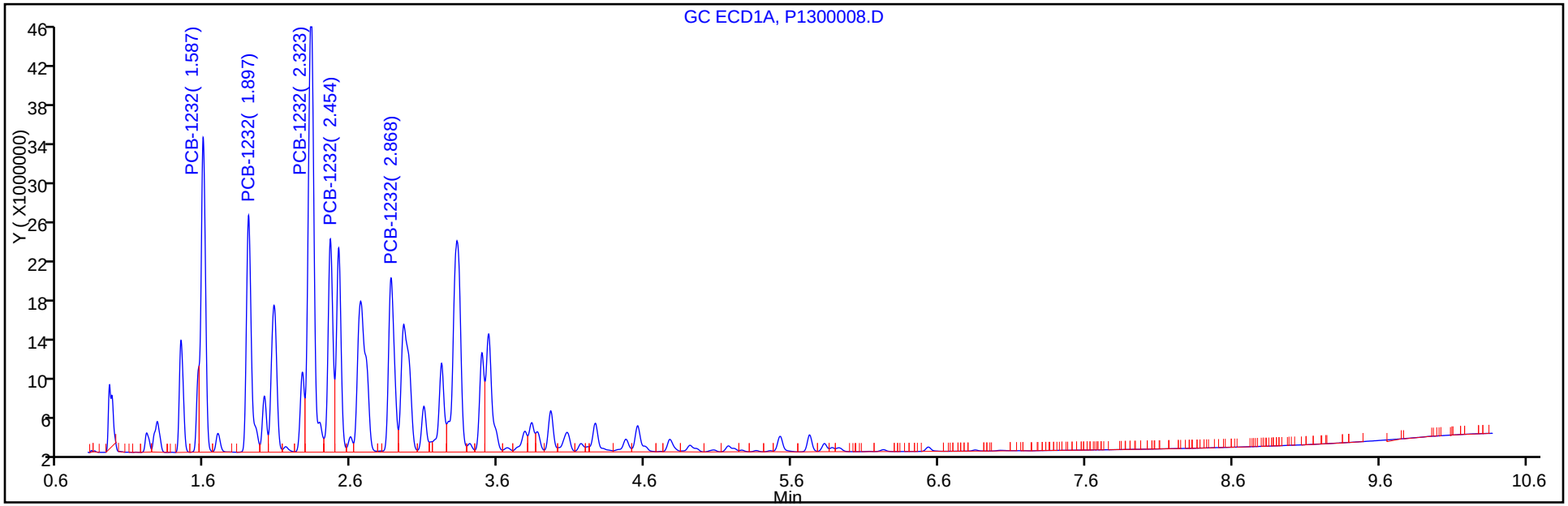
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

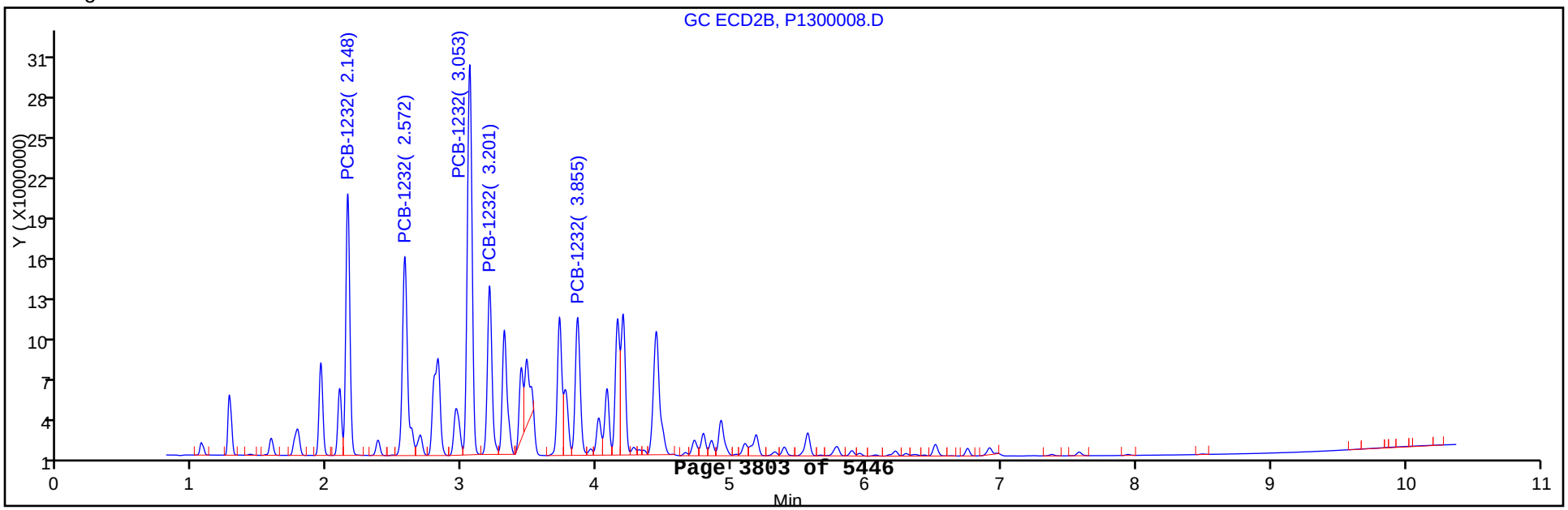
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

Injection Date:	21-Oct-2012 18:07:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 18:22 Calibration End Date: 10/21/2012 19:37 Calibration ID: 12018

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/9	P1300009.D
Level 2	STD01 240-62068/10	P1300010.D
Level 3	STD02 240-62068/11	P1300011.D
Level 4	STD05 240-62068/12	P1300012.D
Level 5	STD1 240-62068/13	P1300013.D
Level 6	STD2 240-62068/14	P1300014.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	1.587	1.586	1.587	1.588	1.587	1.587					1.537 - 1.637	1.587
PCB-1242 Peak 2	1.896	1.896	1.895	1.896	1.897	1.897					1.846 - 1.946	1.896
PCB-1242 Peak 3	2.323	2.323	2.322	2.323	2.322	2.324					2.273 - 2.373	2.323
PCB-1242 Peak 4	2.454	2.454	2.454	2.454	2.454	2.454					2.404 - 2.504	2.454
PCB-1242 Peak 5	2.868	2.866	2.867	2.867	2.867	2.867					2.818 - 2.918	2.867

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 18:22 Calibration End Date: 10/21/2012 19:37 Calibration ID: 12018

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/9	P1300009.D
Level 2	STD01 240-62068/10	P1300010.D
Level 3	STD02 240-62068/11	P1300011.D
Level 4	STD05 240-62068/12	P1300012.D
Level 5	STD1 240-62068/13	P1300013.D
Level 6	STD2 240-62068/14	P1300014.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	39544240 28368197	37297150 26781727	34742405	30714234	Ave		32907992.3				15.0		20.0			
PCB-1242 Peak 2	71135520 51775659	67516010 47660591	62899050	57049878	Ave		59672784.7				15.0		20.0			
PCB-1242 Peak 3	147118040 113121650	139637050 110336211	132034270	122121718	Ave		127394823				12.0		20.0			
PCB-1242 Peak 4	56155120 48196842	56036930 45158893	54210415	51231618	Ave		51831636.3				8.6		20.0			
PCB-1242 Peak 5	66671900 49628893	61877130 46938211	58147035	53701158	Ave		56160721.1				13.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 18:22 Calibration End Date: 10/21/2012 19:37 Calibration ID: 12018

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/9	P1300009.D
Level 2	STD01 240-62068/10	P1300010.D
Level 3	STD02 240-62068/11	P1300011.D
Level 4	STD05 240-62068/12	P1300012.D
Level 5	STD1 240-62068/13	P1300013.D
Level 6	STD2 240-62068/14	P1300014.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Ave	1977212 53563455	3729715	6948481	15357117	28368197	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	Ave	3556776 95321182	6751601	12579810	28524939	51775659	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	Ave	7355902 220672422	13963705	26406854	61060859	113121650	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	Ave	2807756 90317785	5603693	10842083	25615809	48196842	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	Ave	3333595 93876421	6187713	11629407	26850579	49628893	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D
Lims ID: STD005 1242 Client ID:
Inject. Date: 21-Oct-2012 18:22:50 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-009
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 62068 Lims Sample ID: 9
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:39 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.587	1.587	0.000	1977212	0.0601		100.0	
1	2	1.896	1.896	0.000	3556776	0.0596	156.0- 206.0	179.9	
1	3	2.323	2.323	0.000	7355902	0.0577	355.0- 405.0	372.0	
1	4	2.454	2.454	0.000	2807756	0.0542	131.0- 181.0	142.0	
1	5	2.868	2.868	0.000	3333595	0.0594	142.4- 192.4	168.6	
			Average of Peak Amounts =			0.0582			
2	6	2.148	2.148	0.000	1109040	0.0595		100.0	
2	7	2.573	2.573	0.000	2180104	0.0572	176.6- 236.6	196.6	
2	8	3.053	3.053	0.000	4056048	0.0558	356.3- 416.3	365.7	
2	9	3.202	3.202	0.000	1821129	0.0584	135.8- 195.8	164.2	
2	10	3.719	3.719	0.000	1589716	0.0568	121.8- 181.8	143.3	
			Average of Peak Amounts =			0.0575			
						RPD = 1.13			

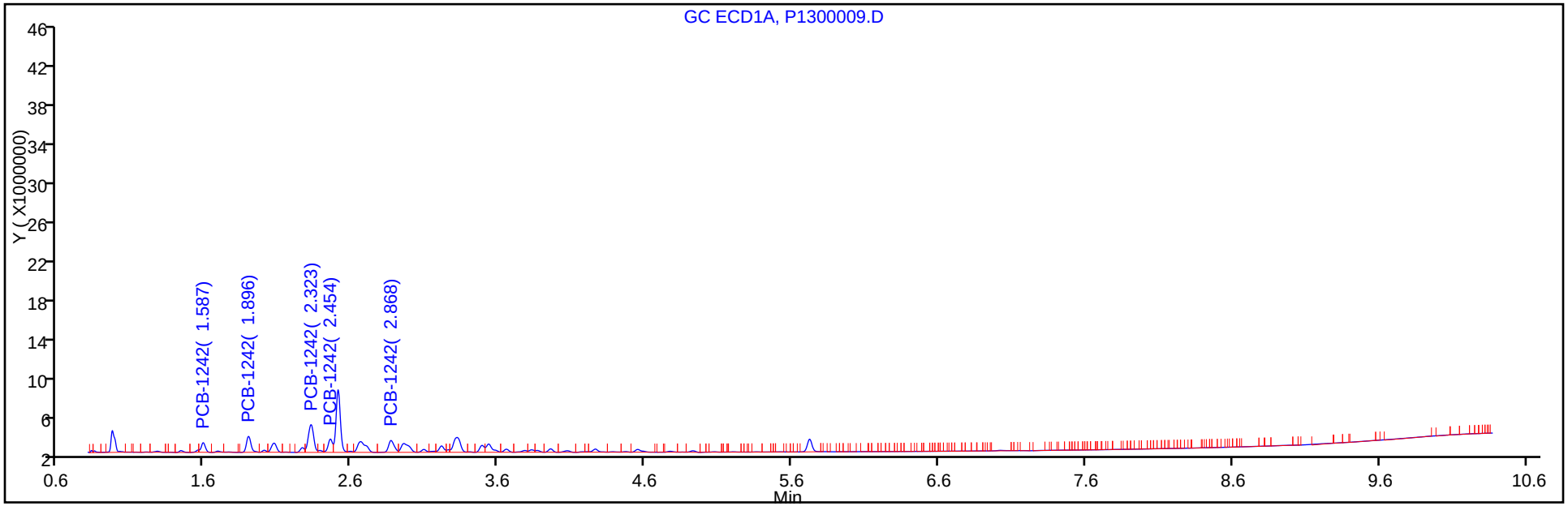
Report Date: 22-Oct-2012 09:18:39 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

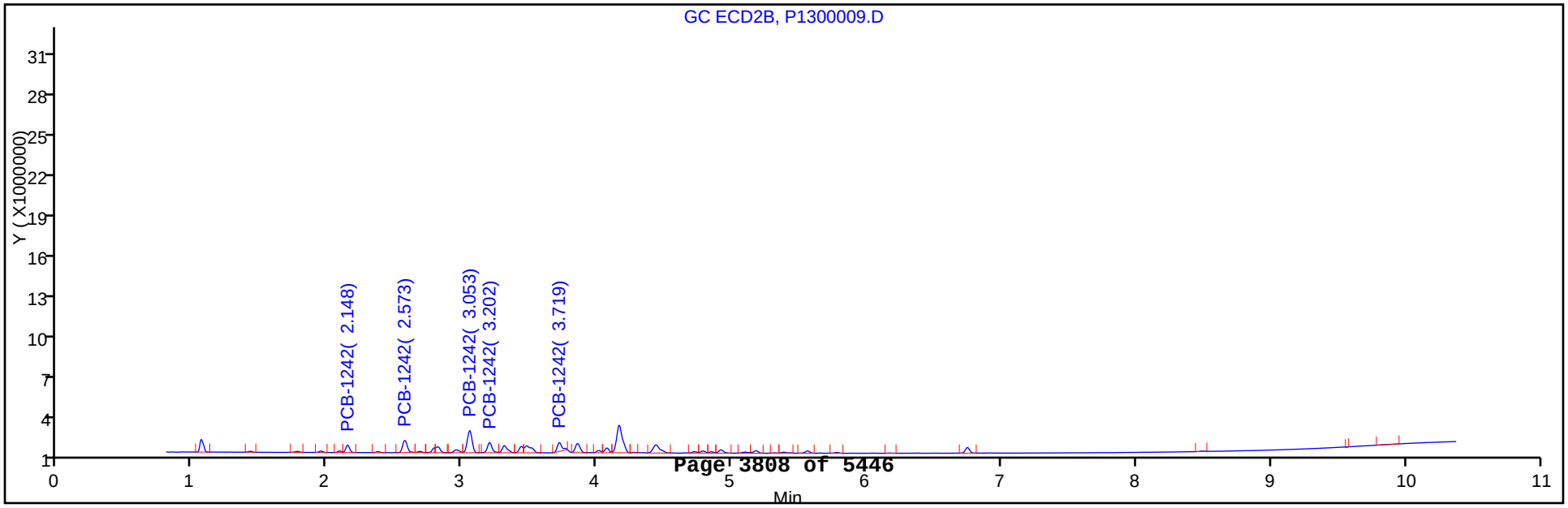
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D

Injection Date:	21-Oct-2012 18:22:50	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D
Lims ID: STD01 1242 Client ID:
Inject. Date: 21-Oct-2012 18:37:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-010
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 62068 Lims Sample ID: 10
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:37 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:02:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.586	1.587	-0.001	3729715	0.1133		100.0	M
1	2	1.896	1.896	0.000	6751601	0.1131	156.0- 206.0	181.0	
1	3	2.323	2.323	0.000	13963705	0.1096	355.0- 405.0	374.4	
1	4	2.454	2.454	0.000	5603693	0.1081	131.0- 181.0	150.2	
1	5	2.866	2.868	-0.002	6187713	0.1102	142.4- 192.4	165.9	
			Average of Peak Amounts =			0.1109			
2	6	2.147	2.148	-0.001	2089788	0.1120		100.0	
2	7	2.572	2.573	-0.001	4205409	0.1104	176.6- 236.6	201.2	
2	8	3.054	3.053	0.001	7723719	0.1063	356.3- 416.3	369.6	
2	9	3.201	3.202	-0.001	3379048	0.1084	135.8- 195.8	161.7	
2	10	3.720	3.719	0.001	3248342	0.1160	121.8- 181.8	155.4	
			Average of Peak Amounts =			0.1106			
						RPD = 0.23			

QC Flag Legend

Review Flags
M - Manually Integrated

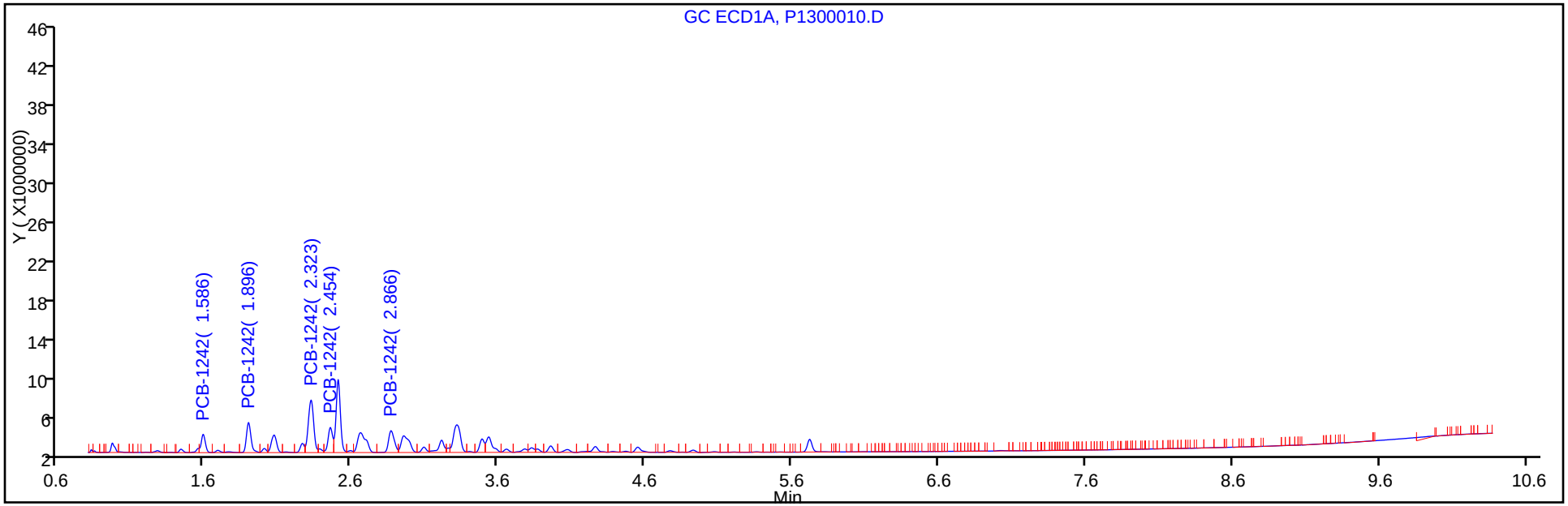
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

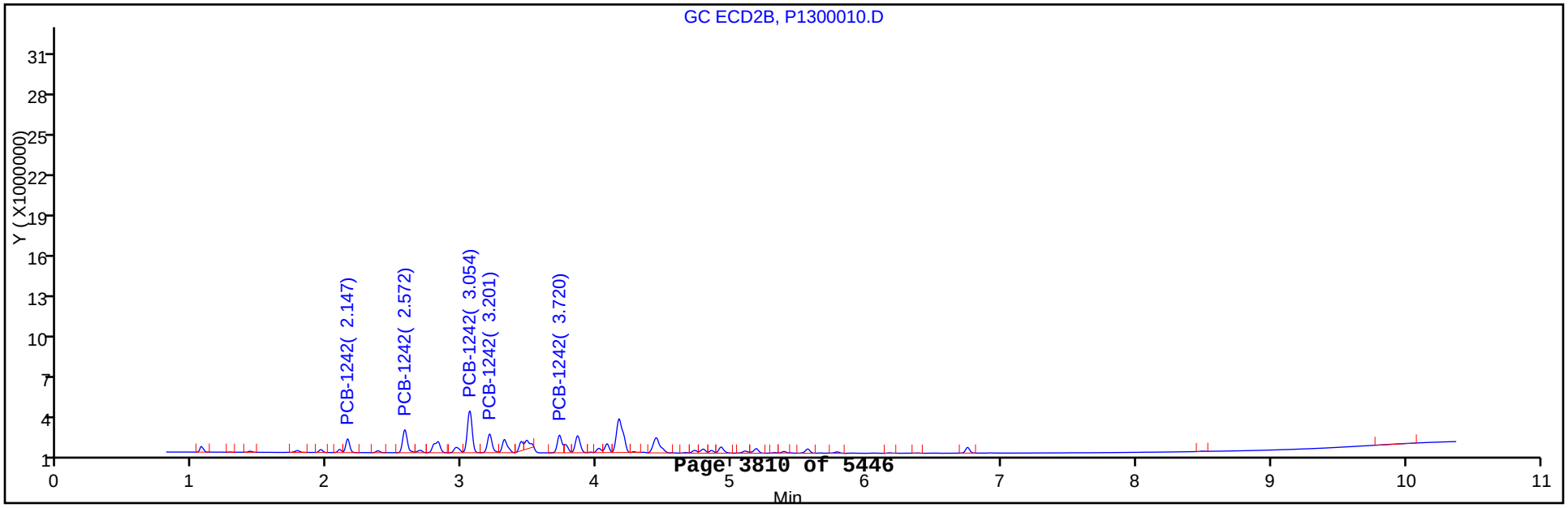
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

Injection Date:	21-Oct-2012 18:37:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



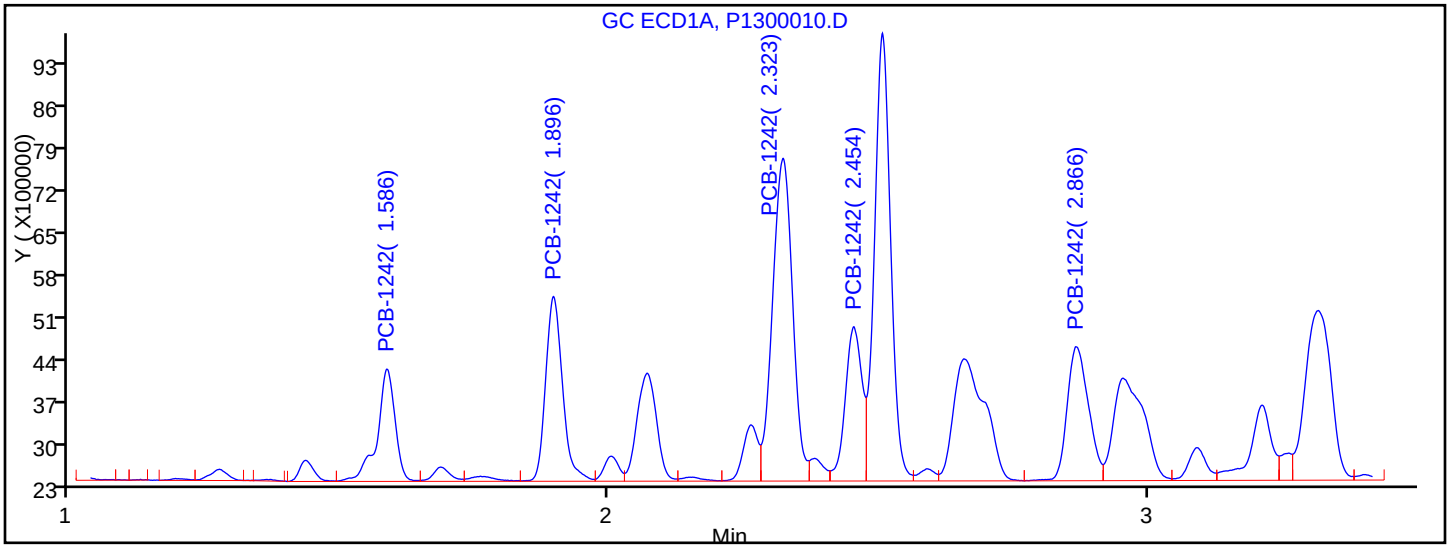
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

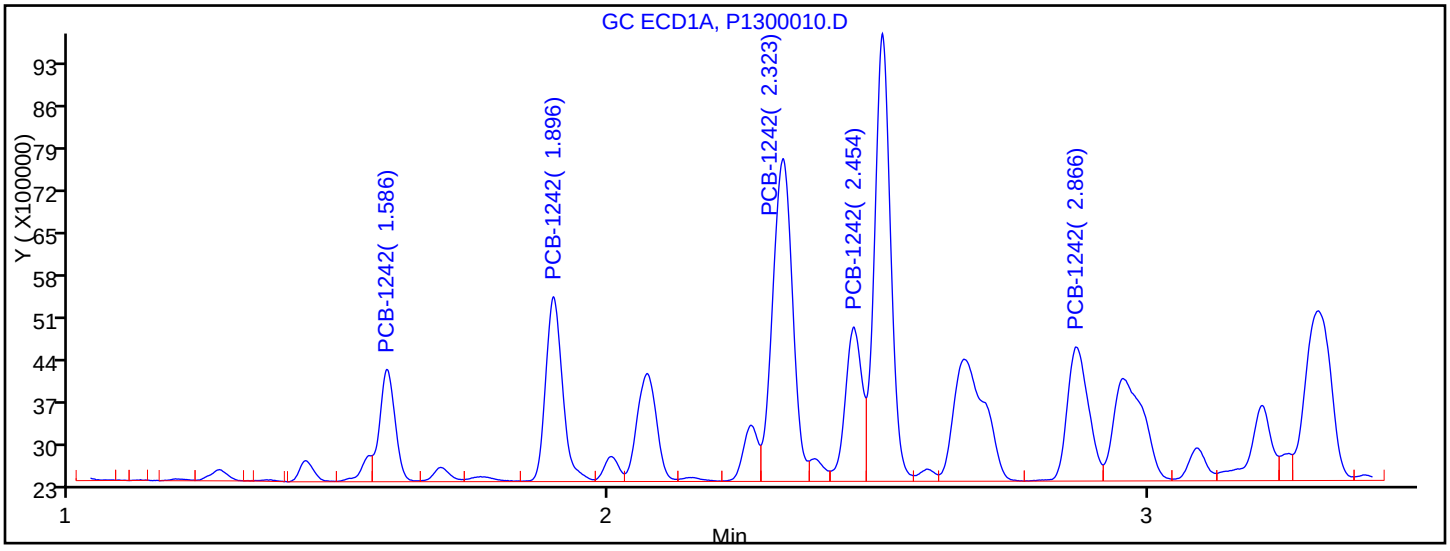
Injection Date:	21-Oct-2012 18:37:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 4354961	M
RT = 1.896	Response = 6751601	
RT = 2.323	Response = 13963705	
RT = 2.454	Response = 5603693	
RT = 2.866	Response = 6187713	



Manual Integration Results

RT = 1.586	Response = 3729715	M
RT = 1.896	Response = 6751601	
RT = 2.323	Response = 13963705	
RT = 2.454	Response = 5603693	
RT = 2.866	Response = 6187713	

Reviewer: hassl, 22-Oct-2012 09:02:35

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D
Lims ID: STD02 1242 Client ID:
Inject. Date: 21-Oct-2012 18:52:48 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-011
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 62068 Lims Sample ID: 11
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:35 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:03:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.587	1.587	0.000	6948481	0.2111		100.0	M
1	2	1.895	1.896	-0.001	12579810	0.2108	156.0- 206.0	181.0	
1	3	2.322	2.323	-0.001	26406854	0.2073	355.0- 405.0	380.0	
1	4	2.454	2.454	0.000	10842083	0.2092	131.0- 181.0	156.0	
1	5	2.867	2.868	-0.001	11629407	0.2071	142.4- 192.4	167.4	
			Average of Peak Amounts =			0.2091			
2	6	2.147	2.148	-0.001	3866032	0.2073		100.0	
2	7	2.572	2.573	-0.001	7987487	0.2097	176.6- 236.6	206.6	
2	8	3.054	3.053	0.001	14936000	0.2055	356.3- 416.3	386.3	
2	9	3.201	3.202	-0.001	6409305	0.2056	135.8- 195.8	165.8	
2	10	3.720	3.719	0.001	5870156	0.2096	121.8- 181.8	151.8	
			Average of Peak Amounts =			0.2075			
						RPD = 0.75			

QC Flag Legend

Review Flags
M - Manually Integrated

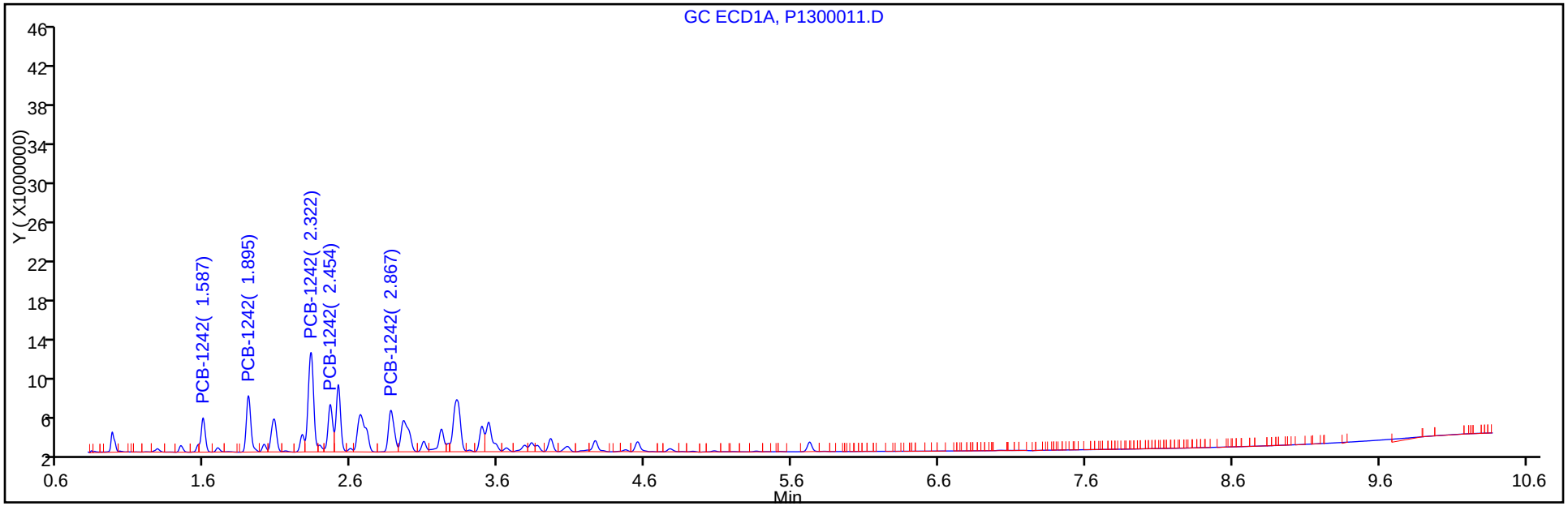
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

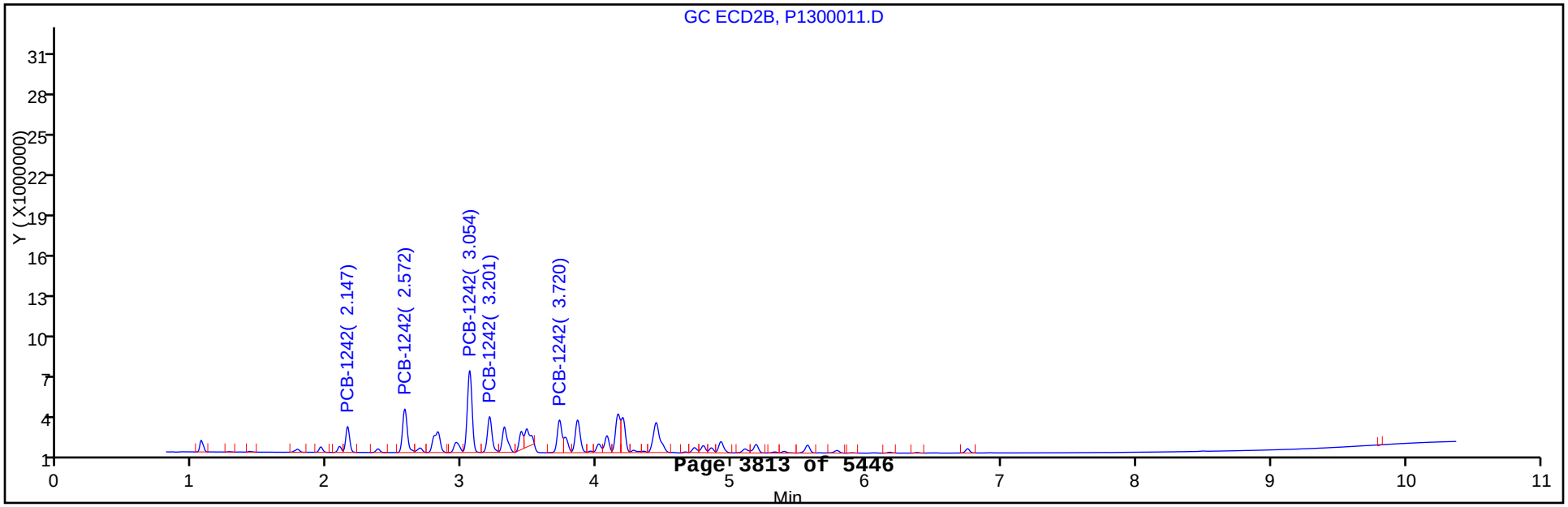
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

Injection Date:	21-Oct-2012 18:52:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



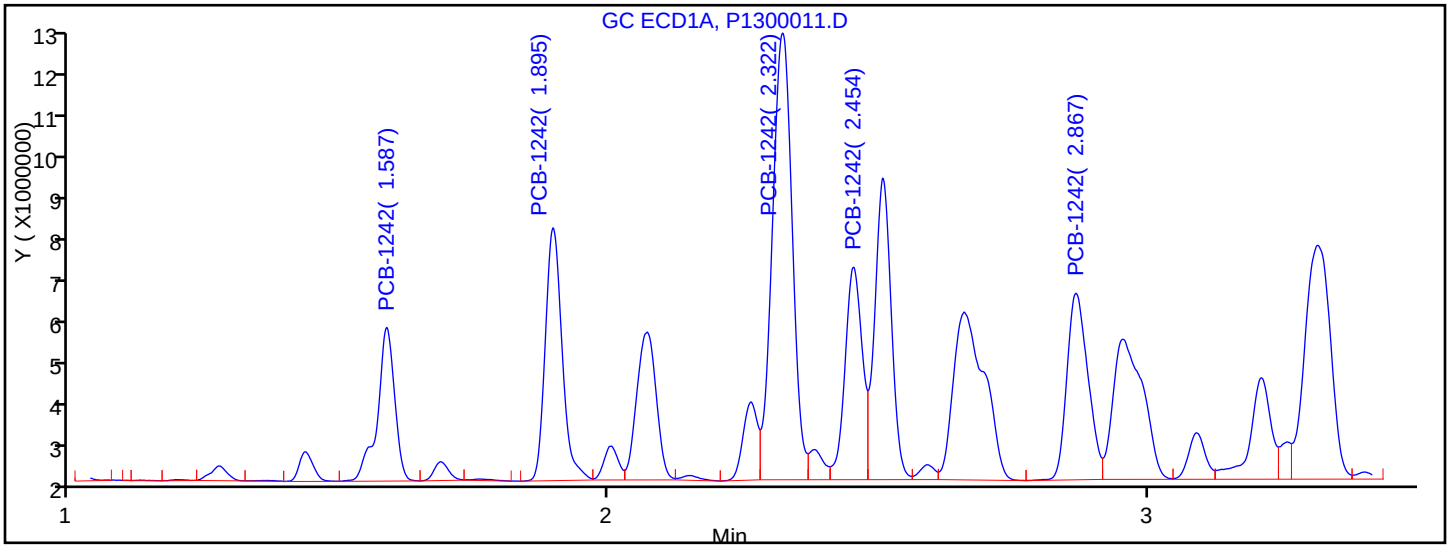
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

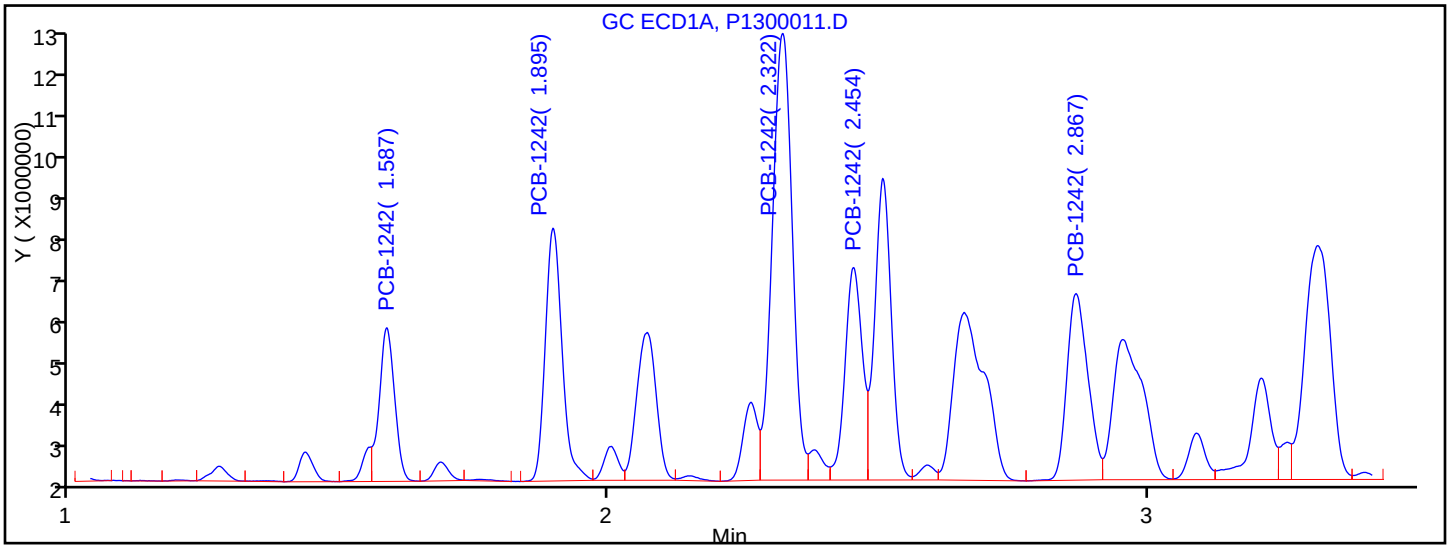
Injection Date:	21-Oct-2012 18:52:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 7859675	M
RT = 1.895	Response = 12579810	
RT = 2.322	Response = 26406854	
RT = 2.454	Response = 10842083	
RT = 2.867	Response = 11629407	



Manual Integration Results

RT = 1.587	Response = 6948481	M
RT = 1.895	Response = 12579810	
RT = 2.322	Response = 26406854	
RT = 2.454	Response = 10842083	
RT = 2.867	Response = 11629407	

Reviewer: hassl, 22-Oct-2012 09:03:38

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D
Lims ID: STD05 1242 Client ID:
Inject. Date: 21-Oct-2012 19:07:42 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0014228-012
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 62068 Lims Sample ID: 12
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:34 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:03:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.588	1.587	0.001	15357117	0.4667		100.0	M
1	2	1.896	1.896	0.000	28524939	0.4780	156.0- 206.0	185.7	
1	3	2.323	2.323	0.000	61060859	0.4793	355.0- 405.0	397.6	
1	4	2.454	2.454	0.000	25615809	0.4942	131.0- 181.0	166.8	
1	5	2.867	2.868	-0.001	26850579	0.4781	142.4- 192.4	174.8	
			Average of Peak Amounts =			0.4793			
2	6	2.148	2.148	0.000	8793387	0.4715		100.0	
2	7	2.572	2.573	-0.001	18266334	0.4795	176.6- 236.6	207.7	
2	8	3.054	3.053	0.001	35320645	0.4860	356.3- 416.3	401.7	
2	9	3.201	3.202	-0.001	14830061	0.4758	135.8- 195.8	168.7	
2	10	3.720	3.719	0.001	12958357	0.4627	121.8- 181.8	147.4	
			Average of Peak Amounts =			0.4751			
						RPD = 0.87			

QC Flag Legend

Review Flags
M - Manually Integrated

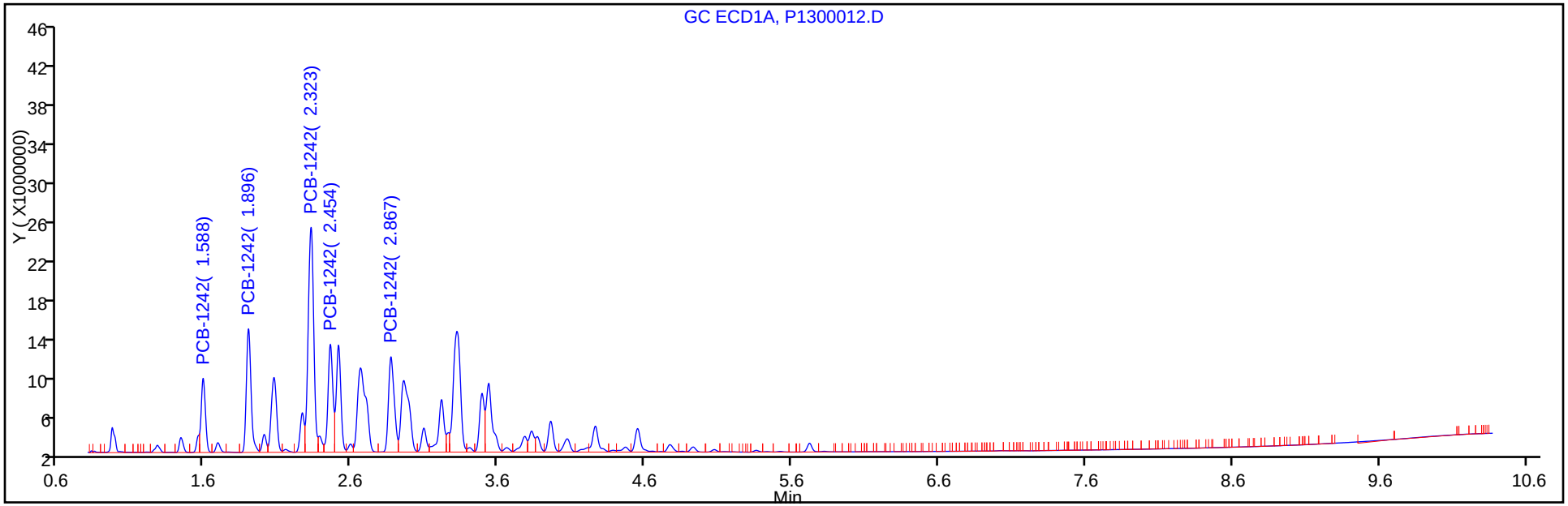
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

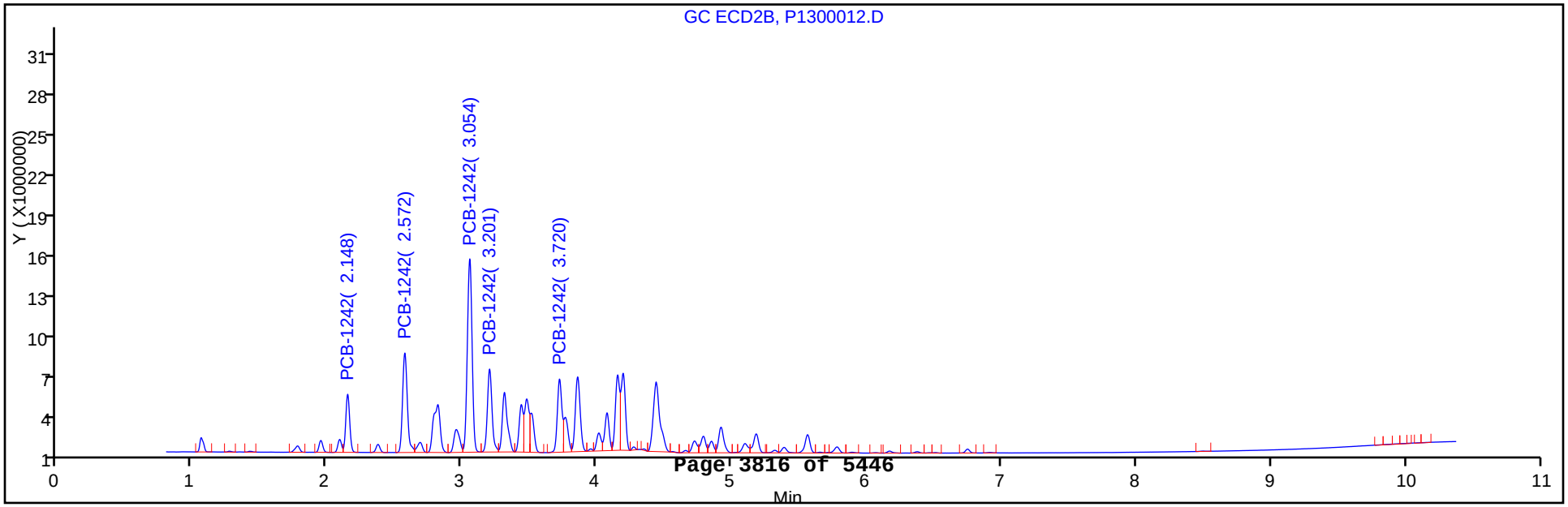
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

Injection Date:	21-Oct-2012 19:07:42	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



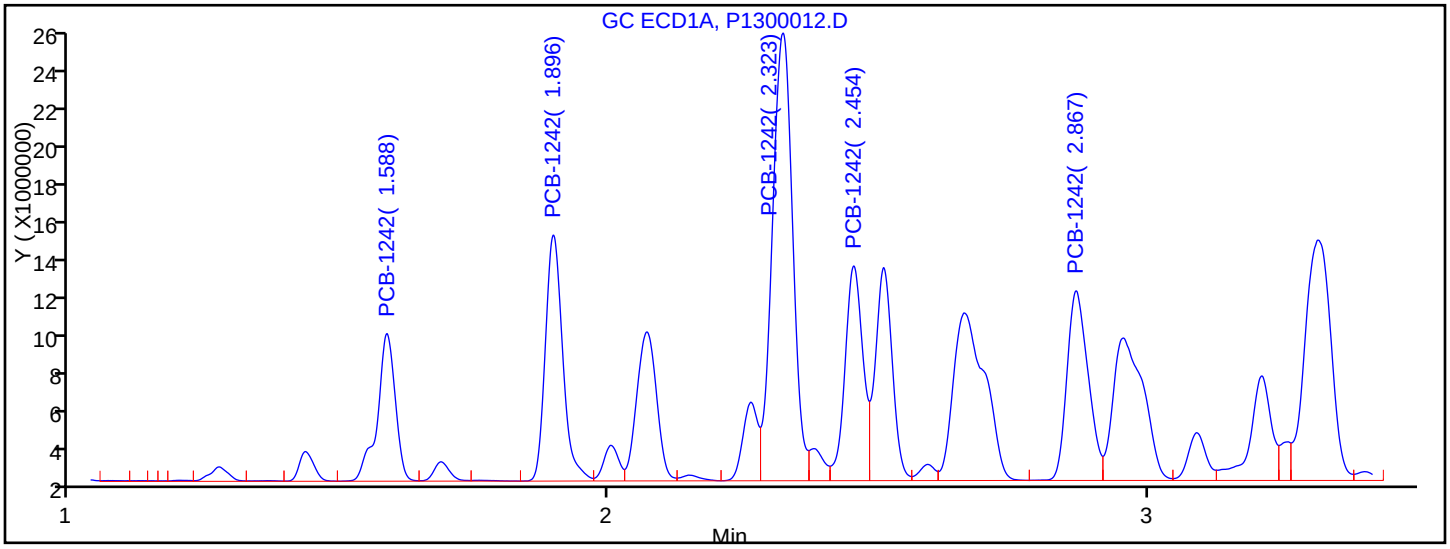
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

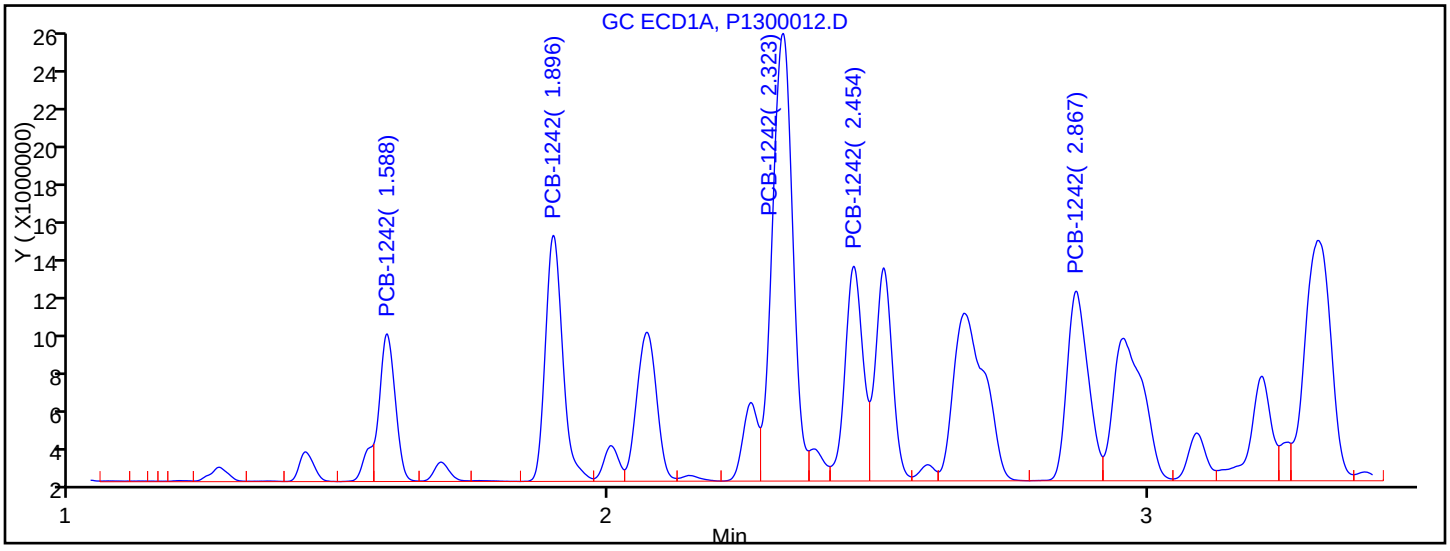
Injection Date:	21-Oct-2012 19:07:42	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.588	Response = 17740253	M
RT = 1.896	Response = 28524939	
RT = 2.323	Response = 61060859	
RT = 2.454	Response = 25615809	
RT = 2.867	Response = 26850579	



Manual Integration Results

RT = 1.588	Response = 15357117	M
RT = 1.896	Response = 28524939	
RT = 2.323	Response = 61060859	
RT = 2.454	Response = 25615809	
RT = 2.867	Response = 26850579	

Reviewer: hassl, 22-Oct-2012 09:03:23

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D
Lims ID: STD1 1242 Client ID:
Inject. Date: 21-Oct-2012 19:22:36 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014228-013
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 62068 Lims Sample ID: 13
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:32 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:03:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.587	1.587	0.000	28368197	0.8620		100.0	M
1	2	1.897	1.896	0.001	51775659	0.8677	156.0- 206.0	182.5	
1	3	2.322	2.323	-0.001	113121650	0.8880	355.0- 405.0	398.8	
1	4	2.454	2.454	0.000	48196842	0.9299	131.0- 181.0	169.9	
1	5	2.867	2.868	-0.001	49628893	0.8837	142.4- 192.4	174.9	
			Average of Peak Amounts =			0.8862			
2	6	2.147	2.148	-0.001	16343628	0.8763		100.0	
2	7	2.572	2.573	-0.001	34046790	0.8938	176.6- 236.6	208.3	
2	8	3.054	3.053	0.001	67395782	0.9274	356.3- 416.3	412.4	
2	9	3.201	3.202	-0.001	28041523	0.8997	135.8- 195.8	171.6	
2	10	3.720	3.719	0.001	24651587	0.8802	121.8- 181.8	150.8	
			Average of Peak Amounts =			0.8955			
						RPD = 1.04			

QC Flag Legend

Review Flags
M - Manually Integrated

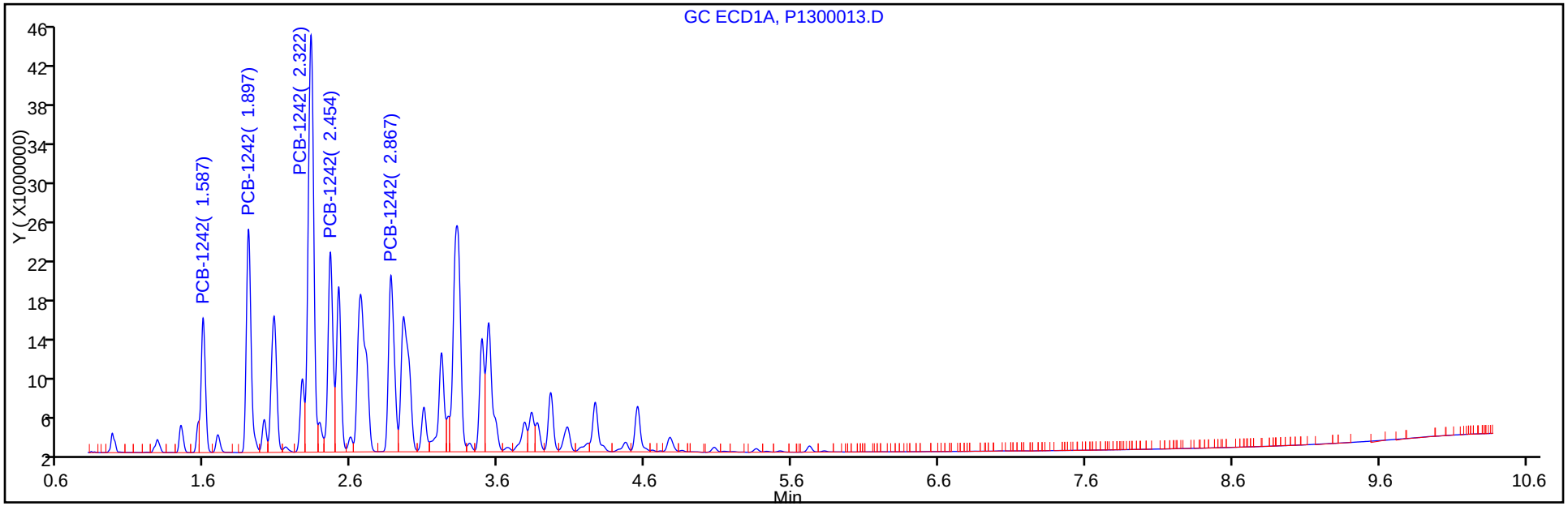
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

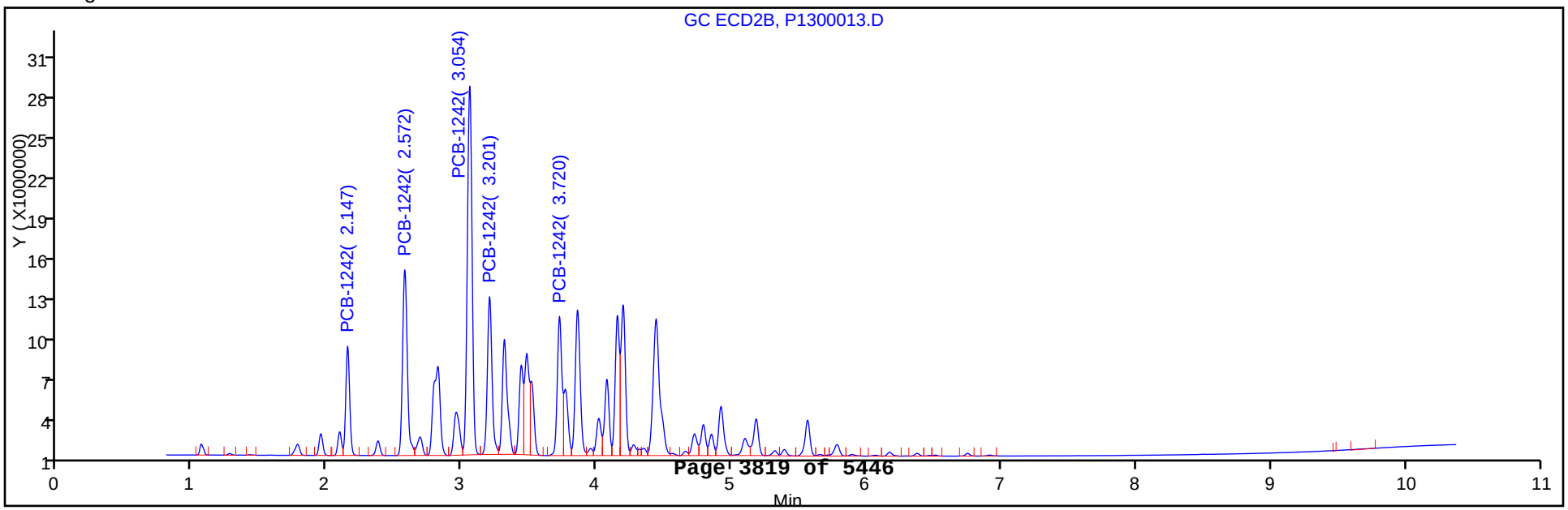
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

Injection Date:	21-Oct-2012 19:22:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



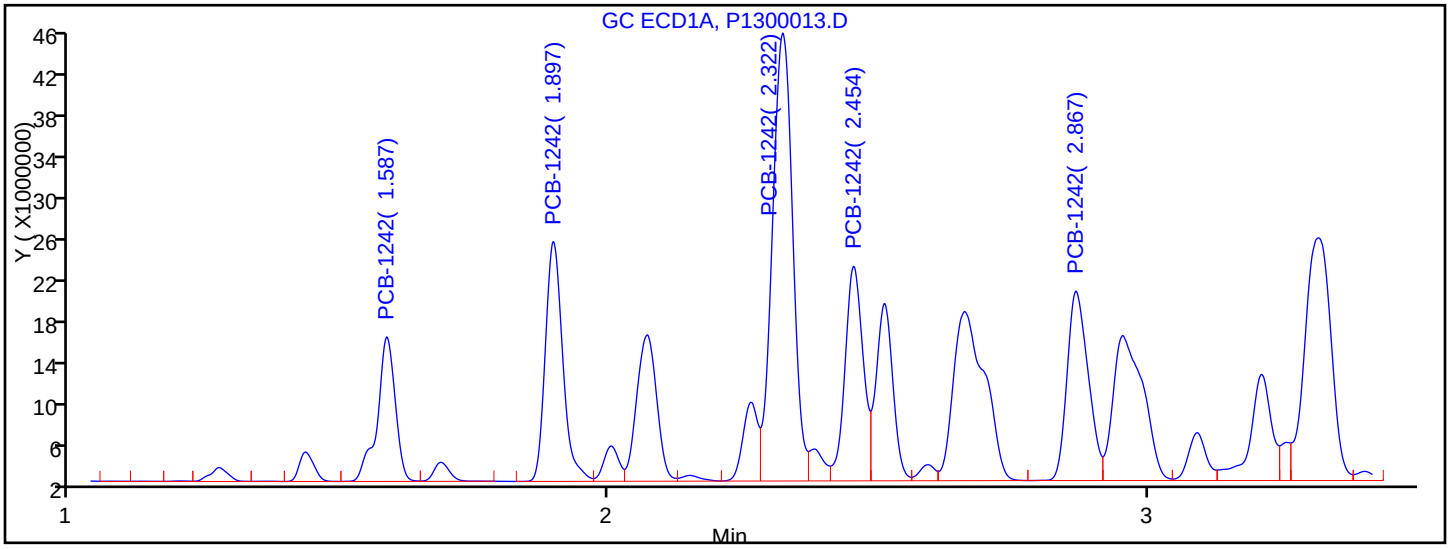
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

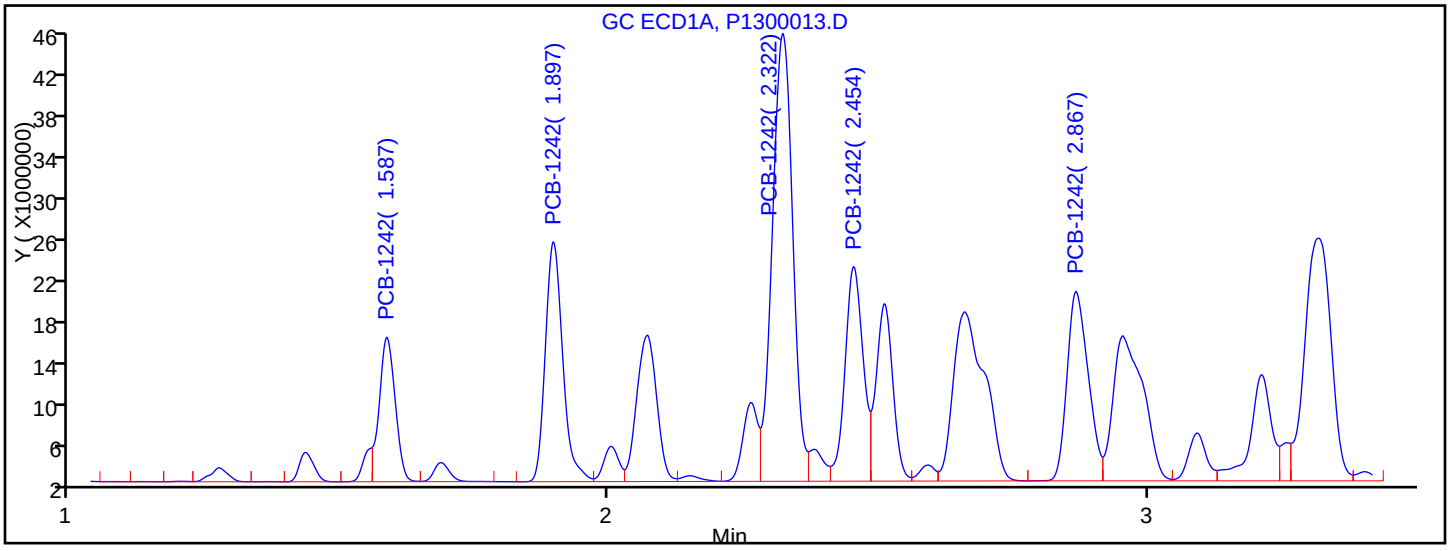
Injection Date:	21-Oct-2012 19:22:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 32103067	M
RT = 1.897	Response = 51775659	
RT = 2.322	Response = 113121650	
RT = 2.454	Response = 48196842	
RT = 2.867	Response = 49628893	



Manual Integration Results

RT = 1.587	Response = 28368197	M
RT = 1.897	Response = 51775659	
RT = 2.322	Response = 113121650	
RT = 2.454	Response = 48196842	
RT = 2.867	Response = 49628893	

Reviewer: hassl, 22-Oct-2012 09:03:10

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D
Lims ID: STD2 1242 Client ID:
Inject. Date: 21-Oct-2012 19:37:32 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0014228-014
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 62068 Lims Sample ID: 14
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:30 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:02:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.587	1.587	0.000	53563455	1.63		100.0	M
1	2	1.897	1.896	0.001	95321182	1.60	156.0- 206.0	178.0	
1	3	2.324	2.323	0.001	220672422	1.73	355.0- 405.0	412.0	
1	4	2.454	2.454	0.000	90317785	1.74	131.0- 181.0	168.6	
1	5	2.867	2.868	-0.001	93876421	1.67	142.4- 192.4	175.3	
			Average of Peak Amounts =			1.67			
2	6	2.148	2.148	0.000	31139764	1.67		100.0	
2	7	2.572	2.573	-0.001	64758648	1.70	176.6- 236.6	208.0	
2	8	3.053	3.053	0.000	129880002	1.79	356.3- 416.3	417.1	
2	9	3.201	3.202	-0.001	54079715	1.74	135.8- 195.8	173.7	
2	10	3.720	3.719	0.001	47706789	1.70	121.8- 181.8	153.2	
			Average of Peak Amounts =			1.72			
						RPD = 2.64			

QC Flag Legend

Review Flags
M - Manually Integrated

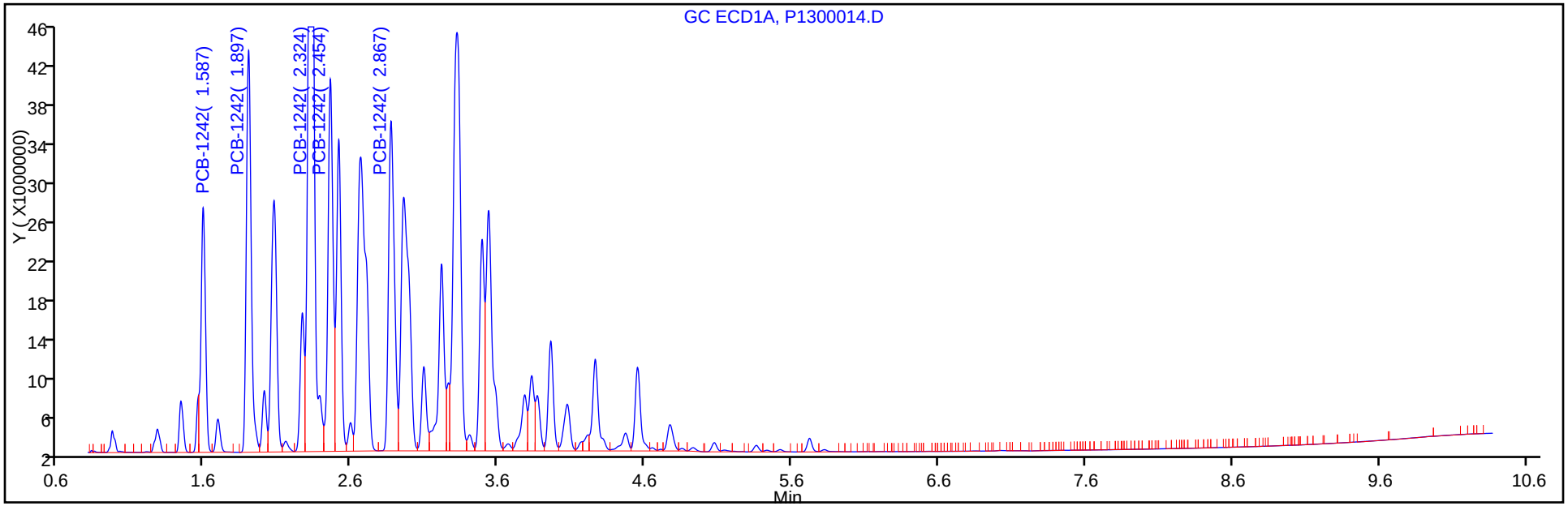
Report Date: 22-Oct-2012 09:18:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

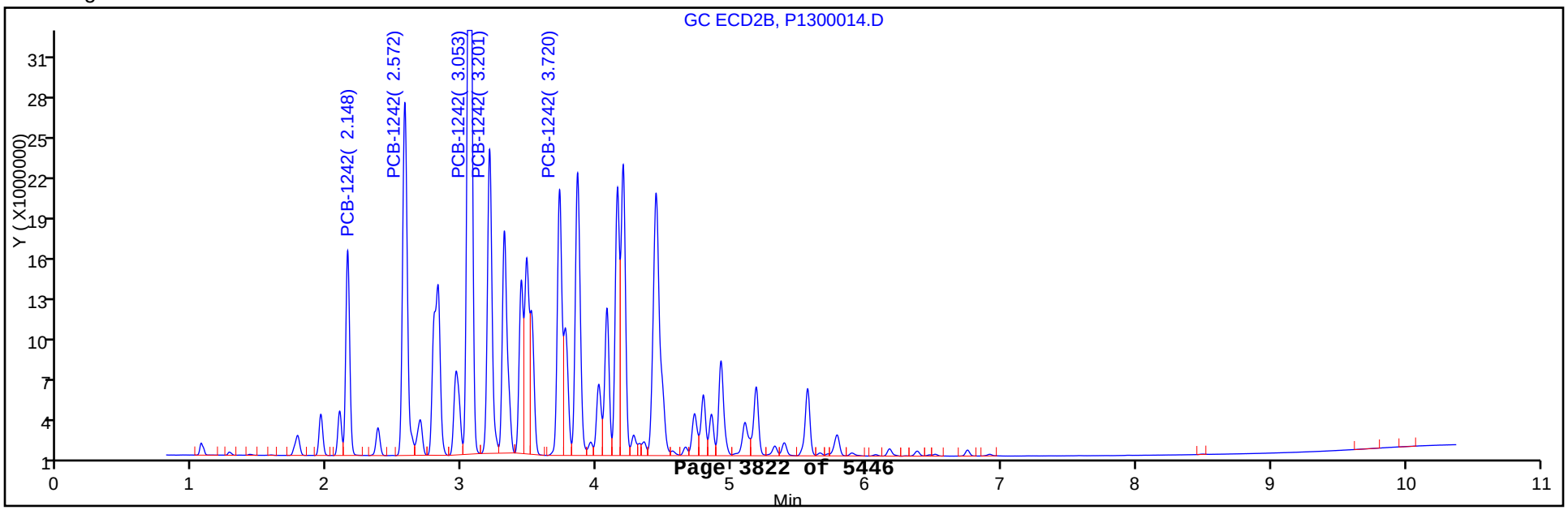
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

Injection Date:	21-Oct-2012 19:37:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



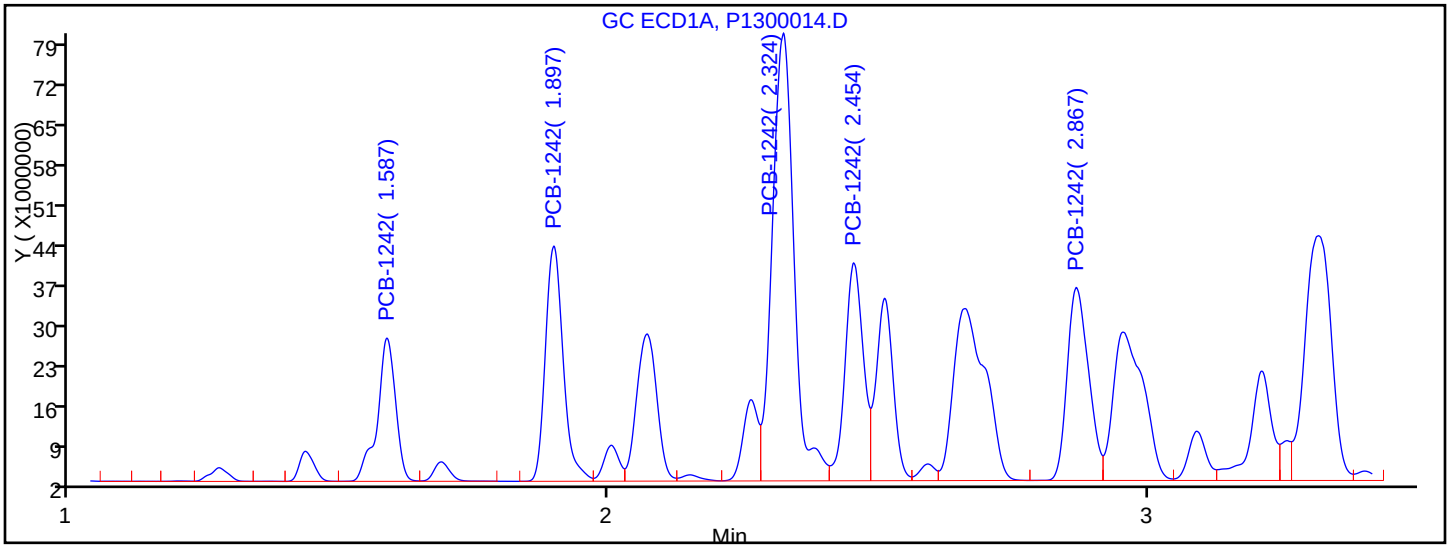
Report Date: 22-Oct-2012 09:18:32 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

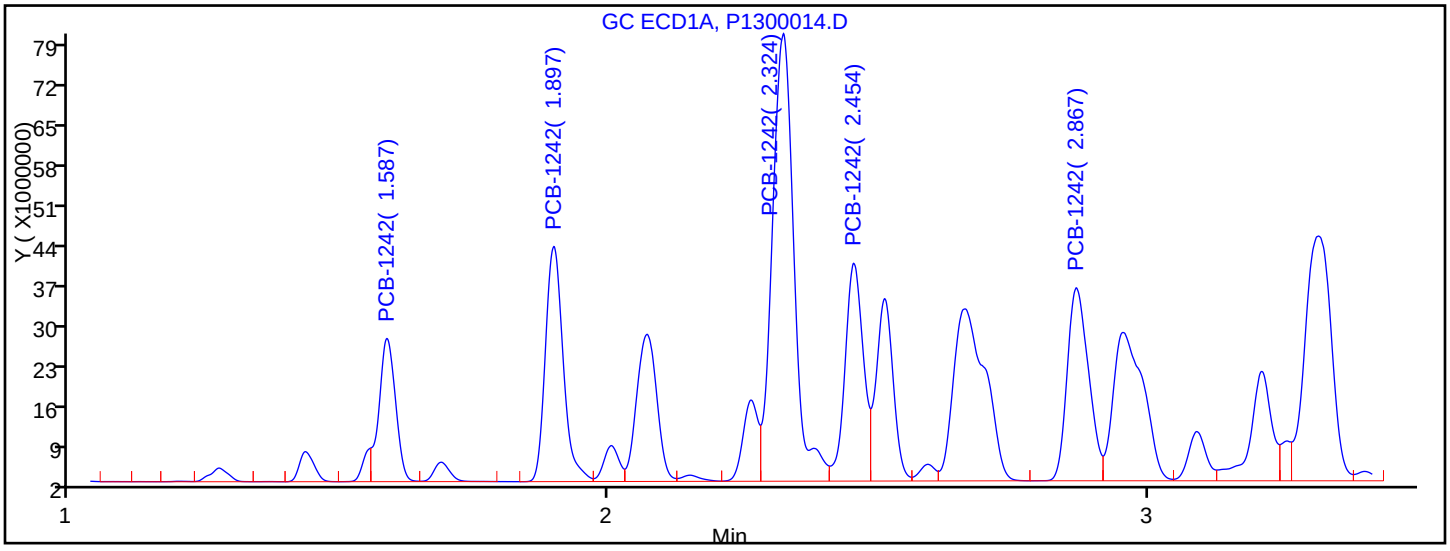
Injection Date:	21-Oct-2012 19:37:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 59331050	M
RT = 1.897	Response = 95321182	
RT = 2.324	Response = 220672422	
RT = 2.454	Response = 90317785	
RT = 2.867	Response = 93876421	



Manual Integration Results

RT = 1.587	Response = 53563455	M
RT = 1.897	Response = 95321182	
RT = 2.324	Response = 220672422	
RT = 2.454	Response = 90317785	
RT = 2.867	Response = 93876421	

Reviewer: hassl, 22-Oct-2012 09:02:58

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 18:22 Calibration End Date: 10/21/2012 19:37 Calibration ID: 12019

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/9	P1300009.D
Level 2	STD01 240-62068/10	P1300010.D
Level 3	STD02 240-62068/11	P1300011.D
Level 4	STD05 240-62068/12	P1300012.D
Level 5	STD1 240-62068/13	P1300013.D
Level 6	STD2 240-62068/14	P1300014.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	2.148	2.147	2.147	2.148	2.147	2.148					2.098 - 2.198	2.148
PCB-1242 Peak 2	2.573	2.572	2.572	2.572	2.572	2.572					2.523 - 2.623	2.572
PCB-1242 Peak 3	3.053	3.054	3.054	3.054	3.054	3.053					3.003 - 3.103	3.054
PCB-1242 Peak 4	3.202	3.201	3.201	3.201	3.201	3.201					3.152 - 3.252	3.201
PCB-1242 Peak 5	3.719	3.720	3.720	3.720	3.720	3.720					3.669 - 3.769	3.720

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 18:22 Calibration End Date: 10/21/2012 19:37 Calibration ID: 12019

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/9	P1300009.D
Level 2	STD01 240-62068/10	P1300010.D
Level 3	STD02 240-62068/11	P1300011.D
Level 4	STD05 240-62068/12	P1300012.D
Level 5	STD1 240-62068/13	P1300013.D
Level 6	STD2 240-62068/14	P1300014.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	22180800 16343628	20897880 15569882	19330160	17586774	Ave		18651520.7				14.0		20.0			
PCB-1242 Peak 2	43602080 34046790	42054090 32379324	39937435	36532668	Ave		38092064.5				12.0		20.0			
PCB-1242 Peak 3	81120960 67395782	77237190 64940001	74680000	70641290	Ave		72669203.8				8.4		20.0			
PCB-1242 Peak 4	36422580 28041523	33790480 27039857	32046525	29660122	Ave		31166847.9				12.0		20.0			
PCB-1242 Peak 5	31794320 24651587	32483420 23853395	29350780	25916714	Ave		28008369.3				13.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 18:22 Calibration End Date: 10/21/2012 19:37 Calibration ID: 12019

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/9	P1300009.D
Level 2	STD01 240-62068/10	P1300010.D
Level 3	STD02 240-62068/11	P1300011.D
Level 4	STD05 240-62068/12	P1300012.D
Level 5	STD1 240-62068/13	P1300013.D
Level 6	STD2 240-62068/14	P1300014.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Ave	1109040 31139764	2089788	3866032	8793387	16343628	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	Ave	2180104 64758648	4205409	7987487	18266334	34046790	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	Ave	4056048 129880002	7723719	14936000	35320645	67395782	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	Ave	1821129 54079715	3379048	6409305	14830061	28041523	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	Ave	1589716 47706789	3248342	5870156	12958357	24651587	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D
Lims ID: STD005 1242 Client ID:
Inject. Date: 21-Oct-2012 18:22:50 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-009
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 62068 Lims Sample ID: 9
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:39 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.587	1.587	0.000	1977212	0.0601		100.0	
1	2	1.896	1.896	0.000	3556776	0.0596	156.0- 206.0	179.9	
1	3	2.323	2.323	0.000	7355902	0.0577	355.0- 405.0	372.0	
1	4	2.454	2.454	0.000	2807756	0.0542	131.0- 181.0	142.0	
1	5	2.868	2.868	0.000	3333595	0.0594	142.4- 192.4	168.6	
			Average of Peak Amounts =			0.0582			
2	6	2.148	2.148	0.000	1109040	0.0595		100.0	
2	7	2.573	2.573	0.000	2180104	0.0572	176.6- 236.6	196.6	
2	8	3.053	3.053	0.000	4056048	0.0558	356.3- 416.3	365.7	
2	9	3.202	3.202	0.000	1821129	0.0584	135.8- 195.8	164.2	
2	10	3.719	3.719	0.000	1589716	0.0568	121.8- 181.8	143.3	
			Average of Peak Amounts =			0.0575			
						RPD = 1.13			

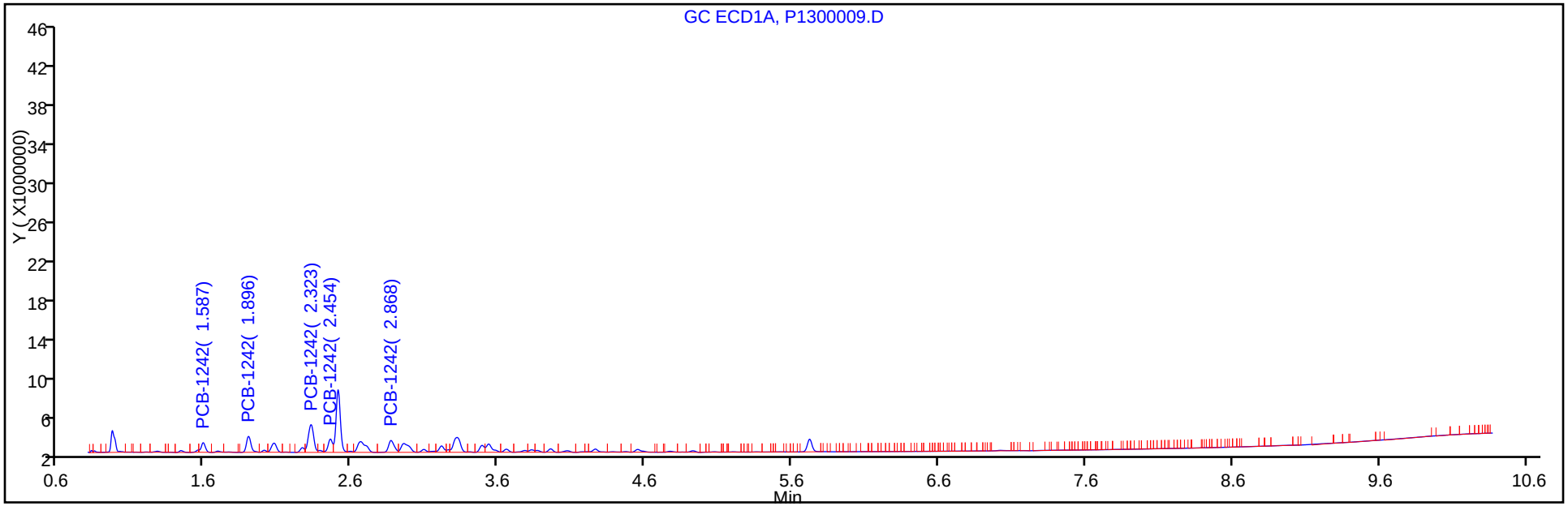
Report Date: 22-Oct-2012 09:18:39 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

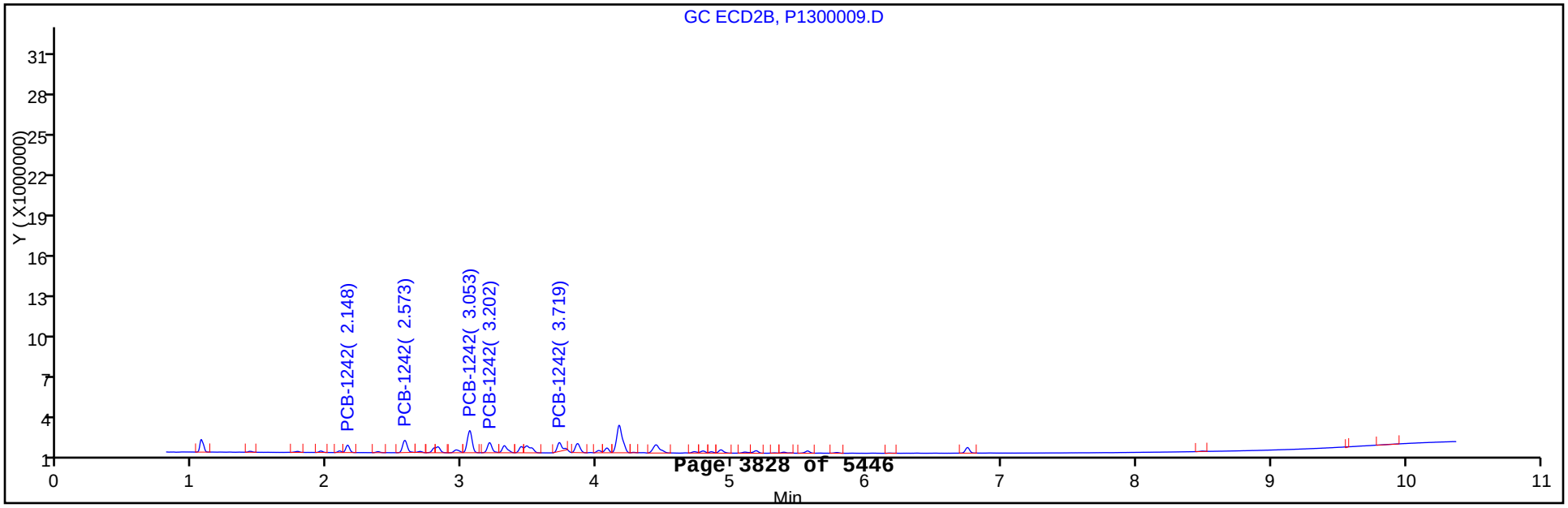
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D

Injection Date:	21-Oct-2012 18:22:50	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D
Lims ID: STD01 1242 Client ID:
Inject. Date: 21-Oct-2012 18:37:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-010
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 62068 Lims Sample ID: 10
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:37 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:02:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.586	1.587	-0.001	3729715	0.1133		100.0	M
1	2	1.896	1.896	0.000	6751601	0.1131	156.0- 206.0	181.0	
1	3	2.323	2.323	0.000	13963705	0.1096	355.0- 405.0	374.4	
1	4	2.454	2.454	0.000	5603693	0.1081	131.0- 181.0	150.2	
1	5	2.866	2.868	-0.002	6187713	0.1102	142.4- 192.4	165.9	
			Average of Peak Amounts =			0.1109			
2	6	2.147	2.148	-0.001	2089788	0.1120		100.0	
2	7	2.572	2.573	-0.001	4205409	0.1104	176.6- 236.6	201.2	
2	8	3.054	3.053	0.001	7723719	0.1063	356.3- 416.3	369.6	
2	9	3.201	3.202	-0.001	3379048	0.1084	135.8- 195.8	161.7	
2	10	3.720	3.719	0.001	3248342	0.1160	121.8- 181.8	155.4	
			Average of Peak Amounts =			0.1106			
						RPD = 0.23			

QC Flag Legend

Review Flags
M - Manually Integrated

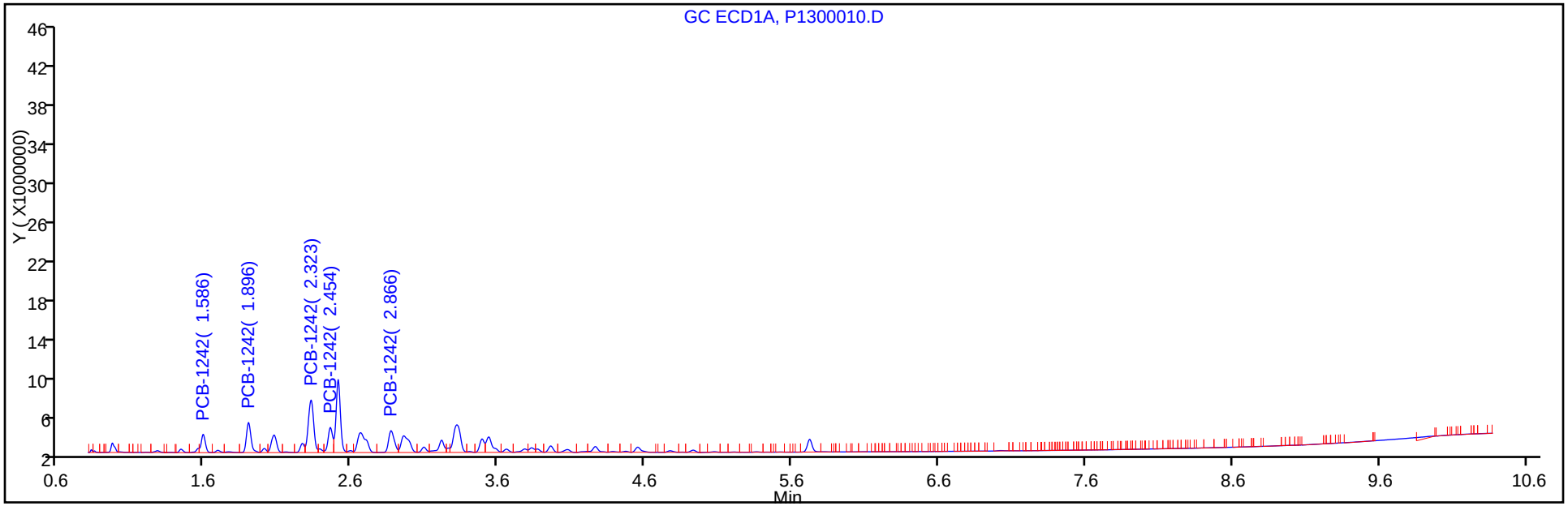
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

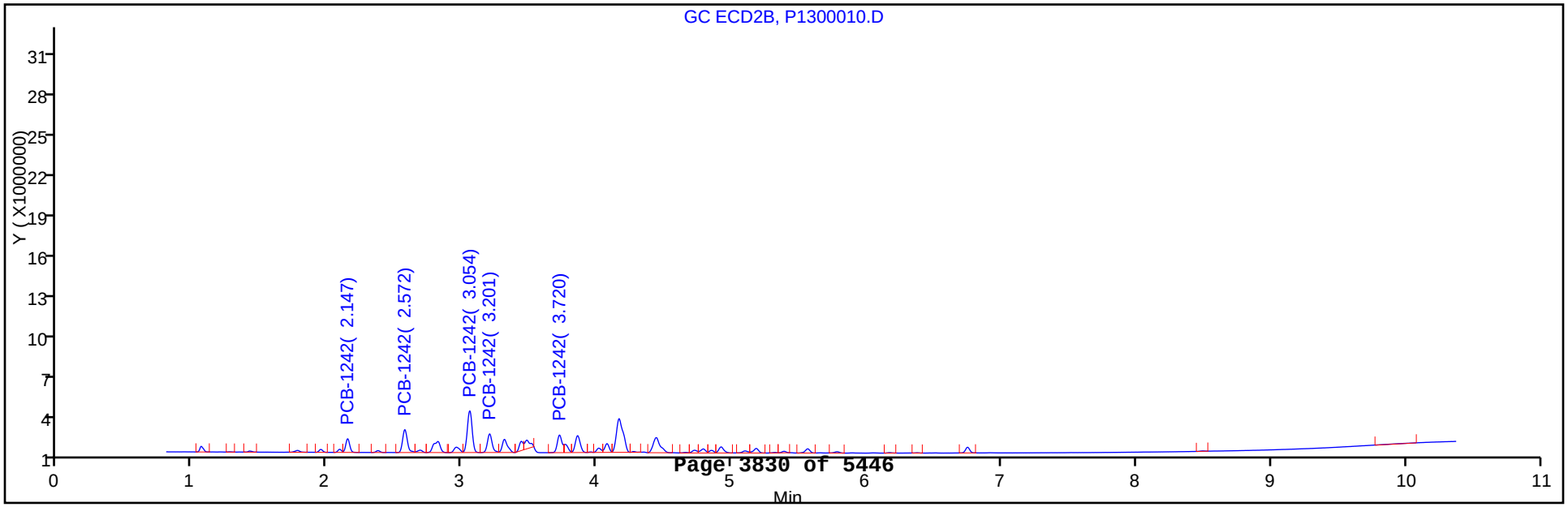
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

Injection Date:	21-Oct-2012 18:37:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D
Lims ID: STD02 1242 Client ID:
Inject. Date: 21-Oct-2012 18:52:48 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-011
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 62068 Lims Sample ID: 11
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:35 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:03:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.587	1.587	0.000	6948481	0.2111		100.0	M
1	2	1.895	1.896	-0.001	12579810	0.2108	156.0- 206.0	181.0	
1	3	2.322	2.323	-0.001	26406854	0.2073	355.0- 405.0	380.0	
1	4	2.454	2.454	0.000	10842083	0.2092	131.0- 181.0	156.0	
1	5	2.867	2.868	-0.001	11629407	0.2071	142.4- 192.4	167.4	
			Average of Peak Amounts =			0.2091			
2	6	2.147	2.148	-0.001	3866032	0.2073		100.0	
2	7	2.572	2.573	-0.001	7987487	0.2097	176.6- 236.6	206.6	
2	8	3.054	3.053	0.001	14936000	0.2055	356.3- 416.3	386.3	
2	9	3.201	3.202	-0.001	6409305	0.2056	135.8- 195.8	165.8	
2	10	3.720	3.719	0.001	5870156	0.2096	121.8- 181.8	151.8	
			Average of Peak Amounts =			0.2075			
						RPD = 0.75			

QC Flag Legend

Review Flags
M - Manually Integrated

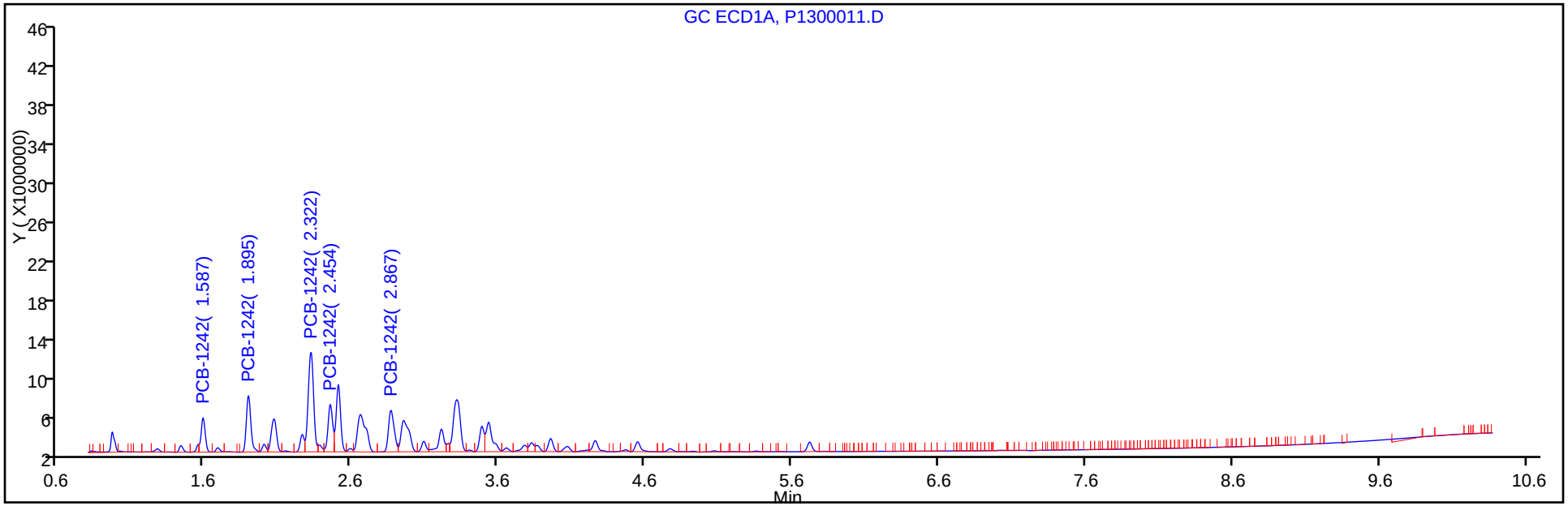
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

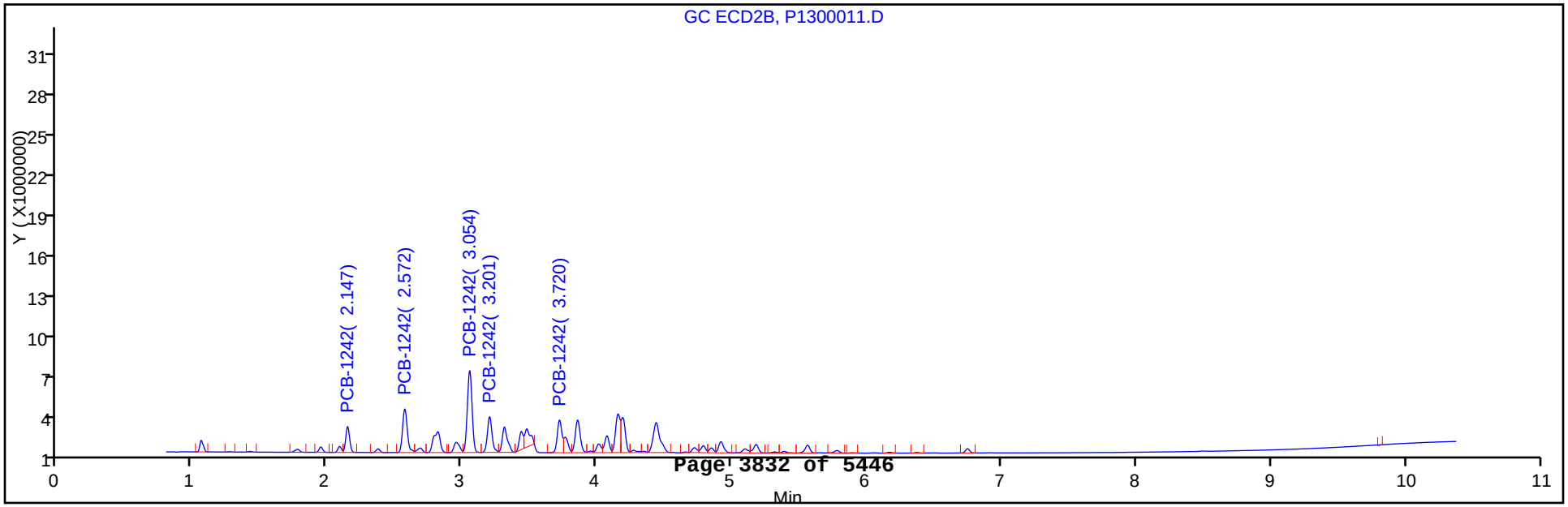
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

Injection Date:	21-Oct-2012 18:52:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D
Lims ID: STD05 1242 Client ID:
Inject. Date: 21-Oct-2012 19:07:42 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0014228-012
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 62068 Lims Sample ID: 12
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:34 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:03:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.588	1.587	0.001	15357117	0.4667		100.0	M
1	2	1.896	1.896	0.000	28524939	0.4780	156.0- 206.0	185.7	
1	3	2.323	2.323	0.000	61060859	0.4793	355.0- 405.0	397.6	
1	4	2.454	2.454	0.000	25615809	0.4942	131.0- 181.0	166.8	
1	5	2.867	2.868	-0.001	26850579	0.4781	142.4- 192.4	174.8	
			Average of Peak Amounts =			0.4793			
2	6	2.148	2.148	0.000	8793387	0.4715		100.0	
2	7	2.572	2.573	-0.001	18266334	0.4795	176.6- 236.6	207.7	
2	8	3.054	3.053	0.001	35320645	0.4860	356.3- 416.3	401.7	
2	9	3.201	3.202	-0.001	14830061	0.4758	135.8- 195.8	168.7	
2	10	3.720	3.719	0.001	12958357	0.4627	121.8- 181.8	147.4	
			Average of Peak Amounts =			0.4751			
						RPD = 0.87			

QC Flag Legend

Review Flags
M - Manually Integrated

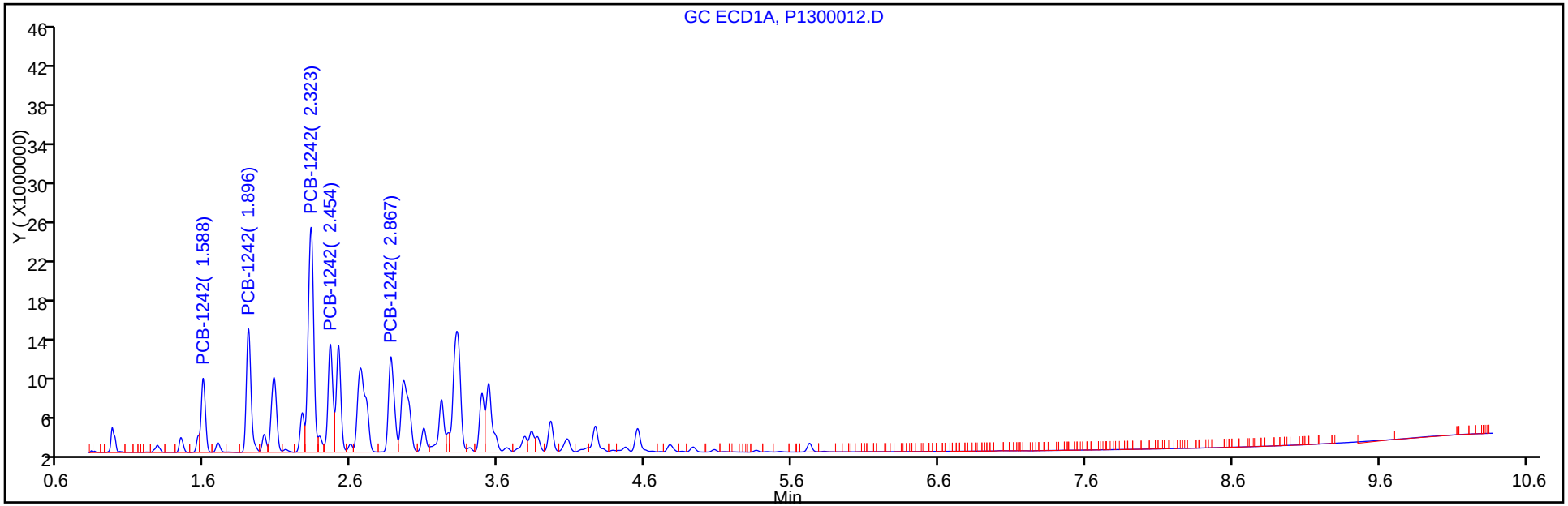
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TestAmerica Canton

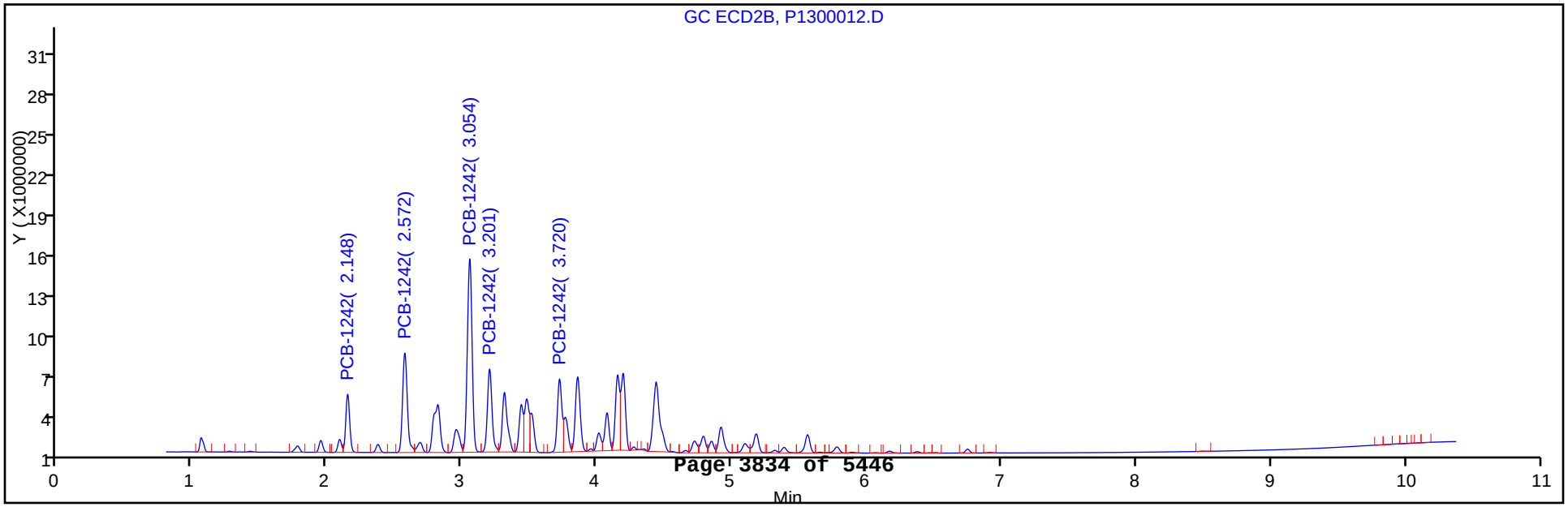
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

Injection Date:	21-Oct-2012 19:07:42	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D
Lims ID: STD1 1242 Client ID:
Inject. Date: 21-Oct-2012 19:22:36 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014228-013
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 62068 Lims Sample ID: 13
Sublist: chrom-PCB13*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:32 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:03:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.587	1.587	0.000	28368197	0.8620		100.0	M
1	2	1.897	1.896	0.001	51775659	0.8677	156.0- 206.0	182.5	
1	3	2.322	2.323	-0.001	113121650	0.8880	355.0- 405.0	398.8	
1	4	2.454	2.454	0.000	48196842	0.9299	131.0- 181.0	169.9	
1	5	2.867	2.868	-0.001	49628893	0.8837	142.4- 192.4	174.9	
			Average of Peak Amounts =			0.8862			
2	6	2.147	2.148	-0.001	16343628	0.8763		100.0	
2	7	2.572	2.573	-0.001	34046790	0.8938	176.6- 236.6	208.3	
2	8	3.054	3.053	0.001	67395782	0.9274	356.3- 416.3	412.4	
2	9	3.201	3.202	-0.001	28041523	0.8997	135.8- 195.8	171.6	
2	10	3.720	3.719	0.001	24651587	0.8802	121.8- 181.8	150.8	
			Average of Peak Amounts =			0.8955			
						RPD = 1.04			

QC Flag Legend

Review Flags
M - Manually Integrated

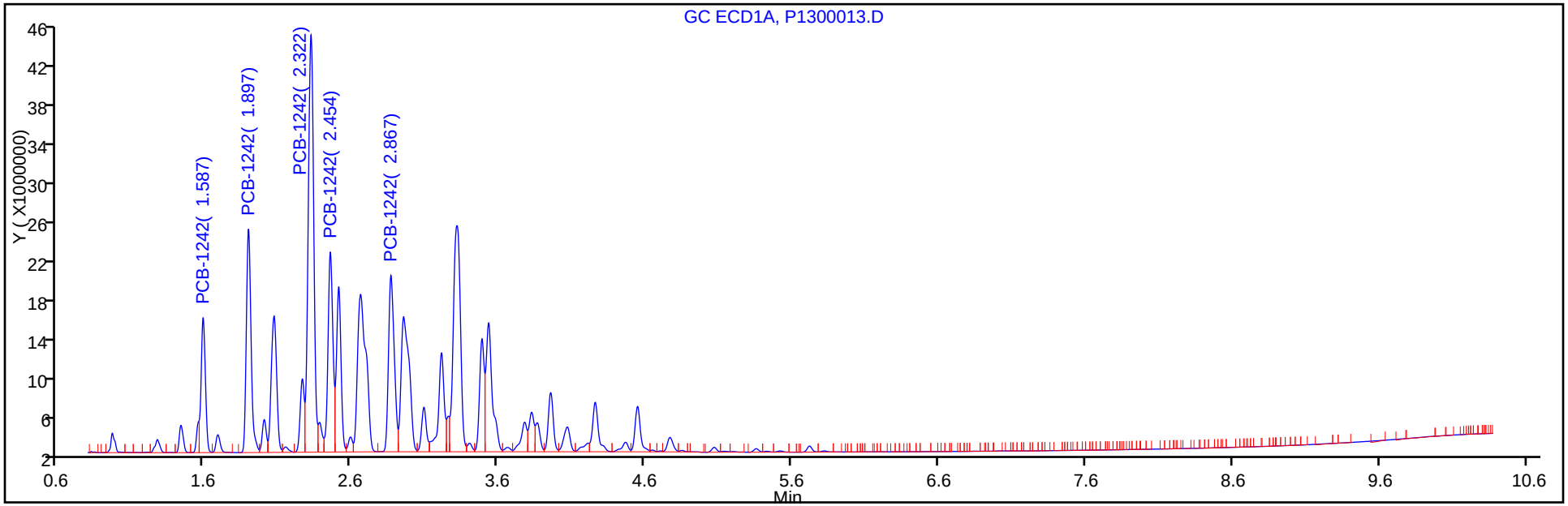
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

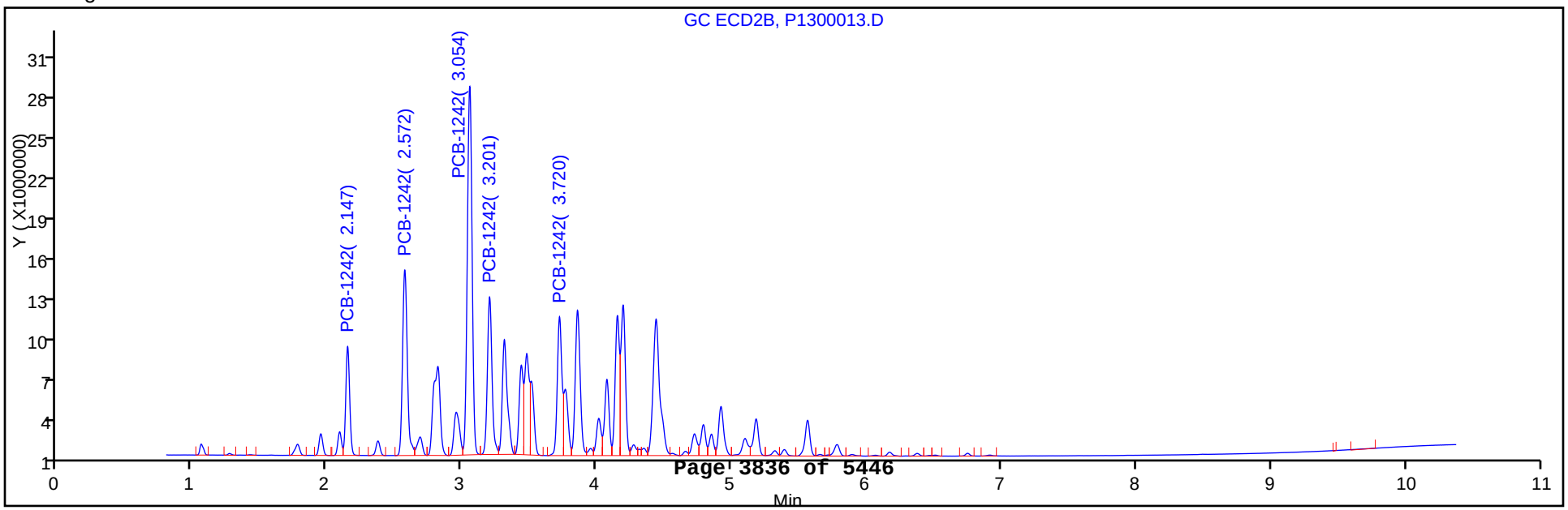
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

Injection Date:	21-Oct-2012 19:22:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D		
Lims ID:	STD2 1242	Client ID:	
Inject. Date:	21-Oct-2012 19:37:32	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-014		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	62068	Lims Sample ID:	14
Sublist:	chrom-PCB13*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:02:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.587	1.587	0.000	53563455	1.63		100.0	M
1	2	1.897	1.896	0.001	95321182	1.60	156.0- 206.0	178.0	
1	3	2.324	2.323	0.001	220672422	1.73	355.0- 405.0	412.0	
1	4	2.454	2.454	0.000	90317785	1.74	131.0- 181.0	168.6	
1	5	2.867	2.868	-0.001	93876421	1.67	142.4- 192.4	175.3	
			Average of Peak Amounts =			1.67			
2	6	2.148	2.148	0.000	31139764	1.67		100.0	
2	7	2.572	2.573	-0.001	64758648	1.70	176.6- 236.6	208.0	
2	8	3.053	3.053	0.000	129880002	1.79	356.3- 416.3	417.1	
2	9	3.201	3.202	-0.001	54079715	1.74	135.8- 195.8	173.7	
2	10	3.720	3.719	0.001	47706789	1.70	121.8- 181.8	153.2	
			Average of Peak Amounts =			1.72			
						RPD = 2.64			

QC Flag Legend

Review Flags
M - Manually Integrated

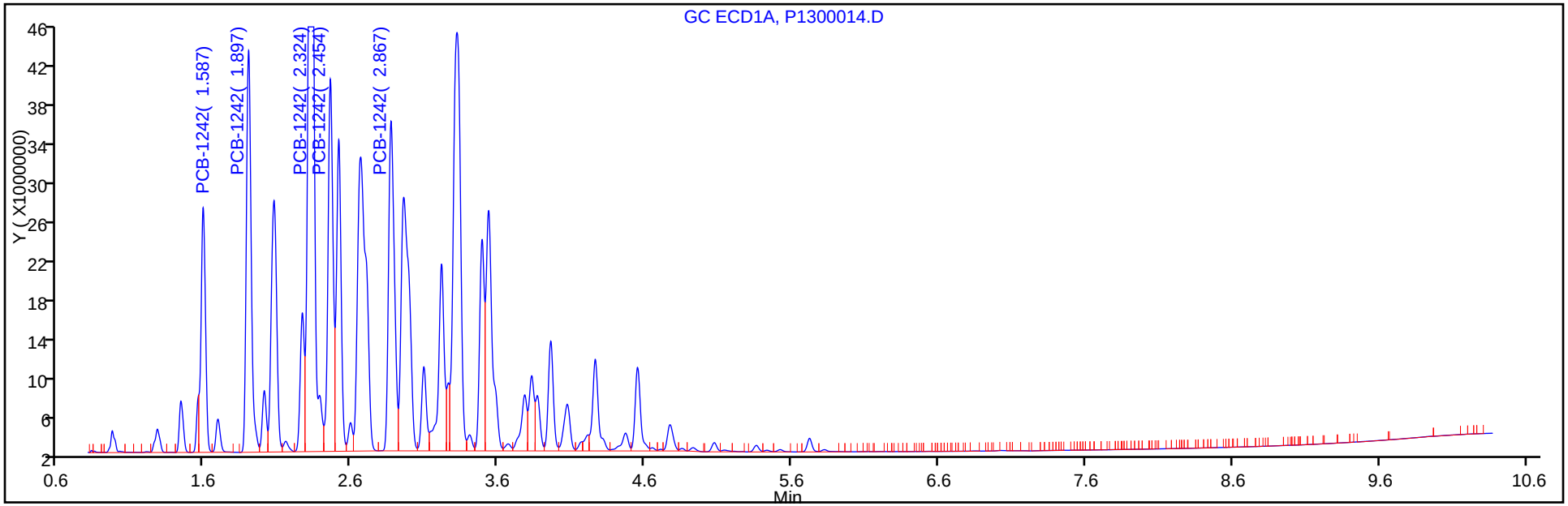
Report Date: 22-Oct-2012 09:18:32 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

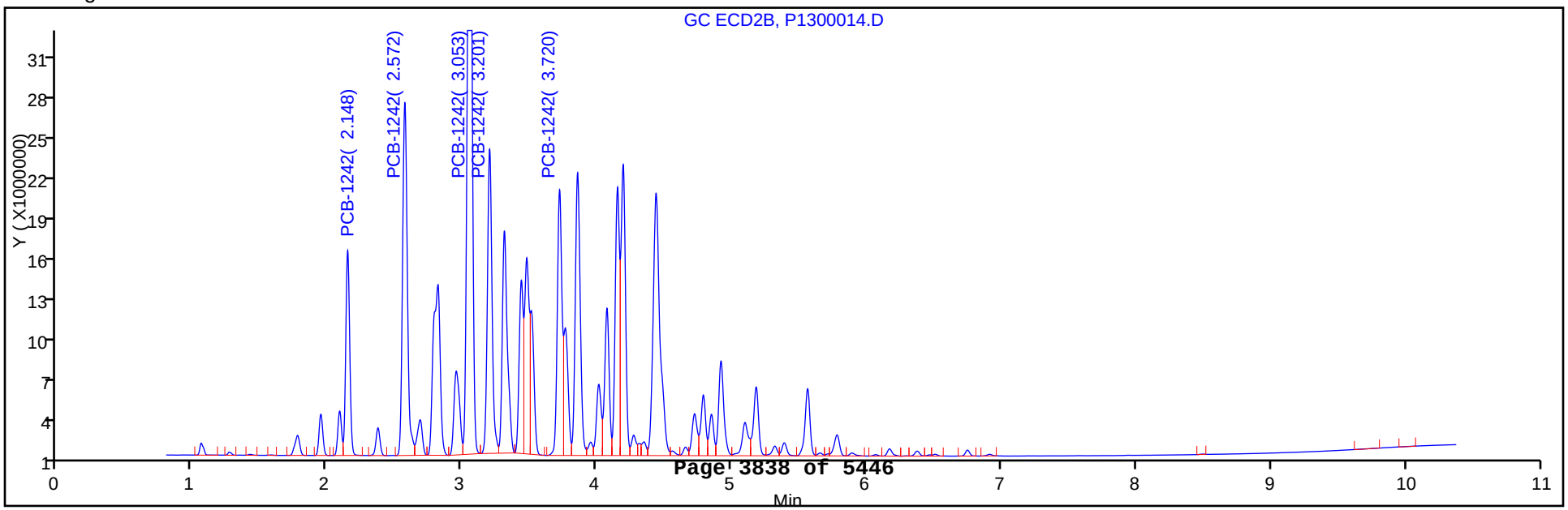
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

Injection Date:	21-Oct-2012 19:37:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 19:52 Calibration End Date: 10/21/2012 21:07 Calibration ID: 12024

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/15	P1300015.D
Level 2	STD01 240-62068/16	P1300016.D
Level 3	STD02 240-62068/17	P1300017.D
Level 4	STD05 240-62068/18	P1300018.D
Level 5	STD1 240-62068/19	P1300019.D
Level 6	STD2 240-62068/20	P1300020.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	1.895	1.894	1.895	1.895	1.896	1.898					1.845 - 1.945	1.896
PCB-1248 Peak 2	2.319	2.320	2.320	2.320	2.321	2.323					2.269 - 2.369	2.321
PCB-1248 Peak 3	2.866	2.866	2.865	2.865	2.867	2.867					2.816 - 2.916	2.866
PCB-1248 Peak 4	3.489	3.488	3.488	3.488	3.489	3.491					3.439 - 3.539	3.489
PCB-1248 Peak 5	3.955	3.955	3.956	3.955	3.956	3.956					3.905 - 4.005	3.956

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 19:52 Calibration End Date: 10/21/2012 21:07 Calibration ID: 12024

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/15	P1300015.D
Level 2	STD01 240-62068/16	P1300016.D
Level 3	STD02 240-62068/17	P1300017.D
Level 4	STD05 240-62068/18	P1300018.D
Level 5	STD1 240-62068/19	P1300019.D
Level 6	STD2 240-62068/20	P1300020.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	35627040 29135388	33536860 24068449	31456580	28340240	Ave		30360759.5				14.0		20.0			
PCB-1248 Peak 2	97099940 84632106	92102790 70970344	87394195	80875788	Ave		85512527.2				11.0		20.0			
PCB-1248 Peak 3	104899280 89853545	99647370 74499130	94783450	86648002	Ave		91721796.1				12.0		20.0			
PCB-1248 Peak 4	57588960 51679145	55149460 44783754	54397350	49975298	Ave		52262327.8				8.7		20.0			
PCB-1248 Peak 5	49819180 46162000	47528620 39172010	47538980	45014092	Ave		45872480.3				8.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 19:52 Calibration End Date: 10/21/2012 21:07 Calibration ID: 12024

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/15	P1300015.D
Level 2	STD01 240-62068/16	P1300016.D
Level 3	STD02 240-62068/17	P1300017.D
Level 4	STD05 240-62068/18	P1300018.D
Level 5	STD1 240-62068/19	P1300019.D
Level 6	STD2 240-62068/20	P1300020.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	1781352 48136898	3353686	6291316	14170120	29135388	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	Ave	4854997 141940688	9210279	17478839	40437894	84632106	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	Ave	5244964 148998259	9964737	18956690	43324001	89853545	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	Ave	2879448 89567507	5514946	10879470	24987649	51679145	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	Ave	2490959 78344020	4752862	9507796	22507046	46162000	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D		
Lims ID:	STD005 1248	Client ID:	
Inject. Date:	21-Oct-2012 19:52:26	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014228-015		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	62068	Lims Sample ID:	15
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:29	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	1781352	0.0587		100.0	
1	2	2.319	2.319	0.000	4854997	0.0568	252.8- 302.8	272.5	
1	3	2.866	2.866	0.000	5244964	0.0572	276.3- 326.3	294.4	
1	4	3.489	3.489	0.000	2879448	0.0551	147.9- 197.9	161.6	
1	5	3.955	3.955	0.000	2490959	0.0543	126.1- 176.1	139.8	
			Average of Peak Amounts =			0.0564			
2	6	2.570	2.570	0.000	1117228	0.0583		100.0	
2	7	3.053	3.053	0.000	2703681	0.0549	225.1- 285.1	242.0	
2	8	3.719	3.719	0.000	3462312	0.0573	285.5- 345.5	309.9	
2	9	3.853	3.853	0.000	2732609	0.0550	227.4- 287.4	244.6	
2	10	4.916	4.916	0.000	1636979	0.0548	126.6- 186.6	146.5	
			Average of Peak Amounts =			0.0560			
						RPD = 0.65			

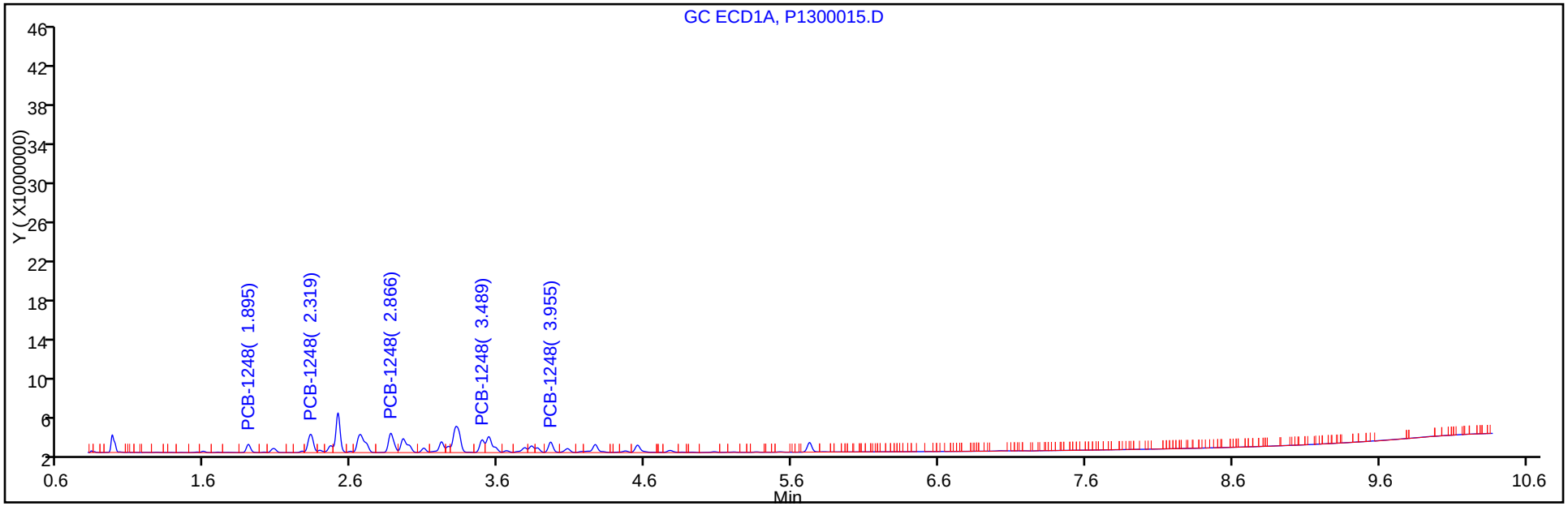
Report Date: 22-Oct-2012 09:18:30 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

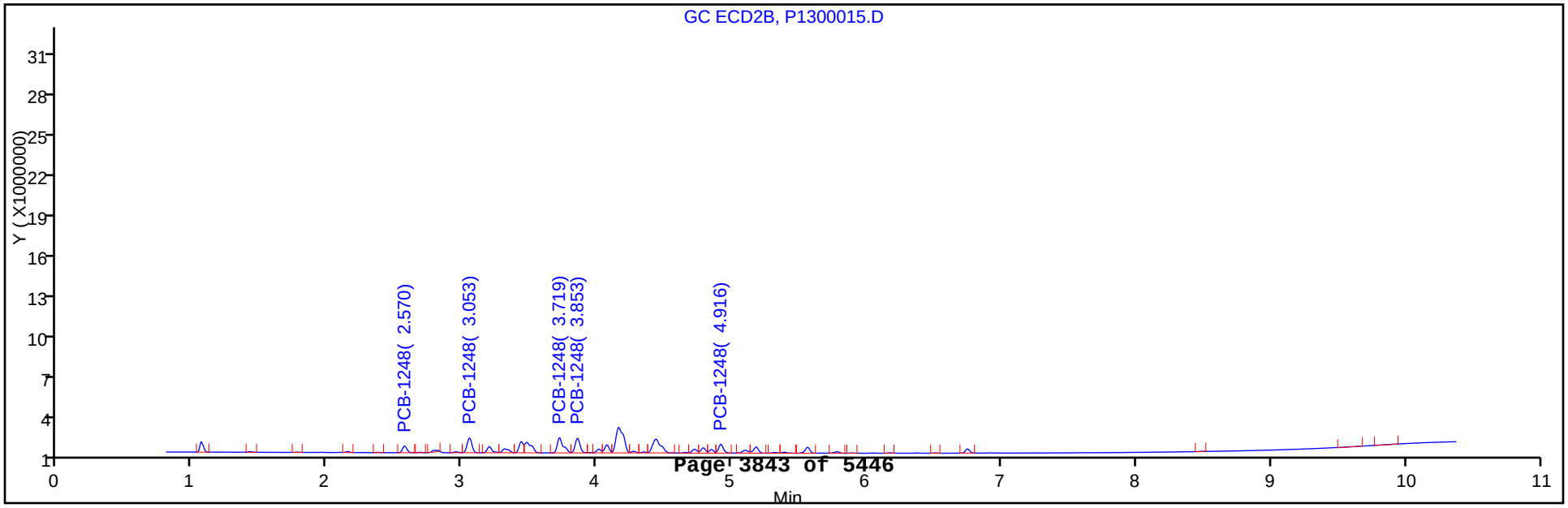
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D

Injection Date:	21-Oct-2012 19:52:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D
Lims ID: STD01 1248 Client ID:
Inject. Date: 21-Oct-2012 20:07:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-016
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 62068 Lims Sample ID: 16
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:28 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.894	1.895	-0.001	3353686	0.1105		100.0	
1	2	2.320	2.319	0.001	9210279	0.1077	252.8- 302.8	274.6	
1	3	2.866	2.866	0.000	9964737	0.1086	276.3- 326.3	297.1	
1	4	3.488	3.489	-0.001	5514946	0.1055	147.9- 197.9	164.4	
1	5	3.955	3.955	0.000	4752862	0.1036	126.1- 176.1	141.7	
			Average of Peak Amounts =			0.1072			
2	6	2.569	2.570	-0.001	2082982	0.1087		100.0	
2	7	3.052	3.053	-0.001	5171437	0.1050	225.1- 285.1	248.3	
2	8	3.720	3.719	0.001	6444459	0.1066	285.5- 345.5	309.4	
2	9	3.853	3.853	0.000	5225099	0.1051	227.4- 287.4	250.8	
2	10	4.918	4.916	0.002	3136148	0.1050	126.6- 186.6	150.6	
			Average of Peak Amounts =			0.1061			
						RPD = 1.06			

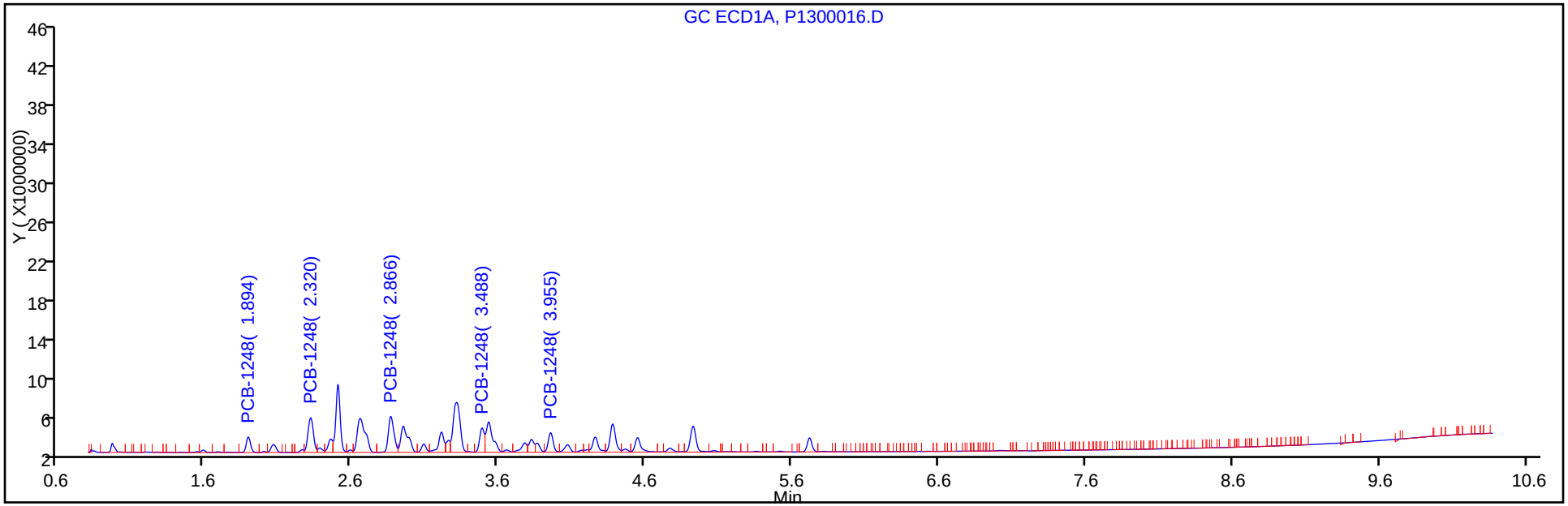
Report Date: 22-Oct-2012 09:18:28 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

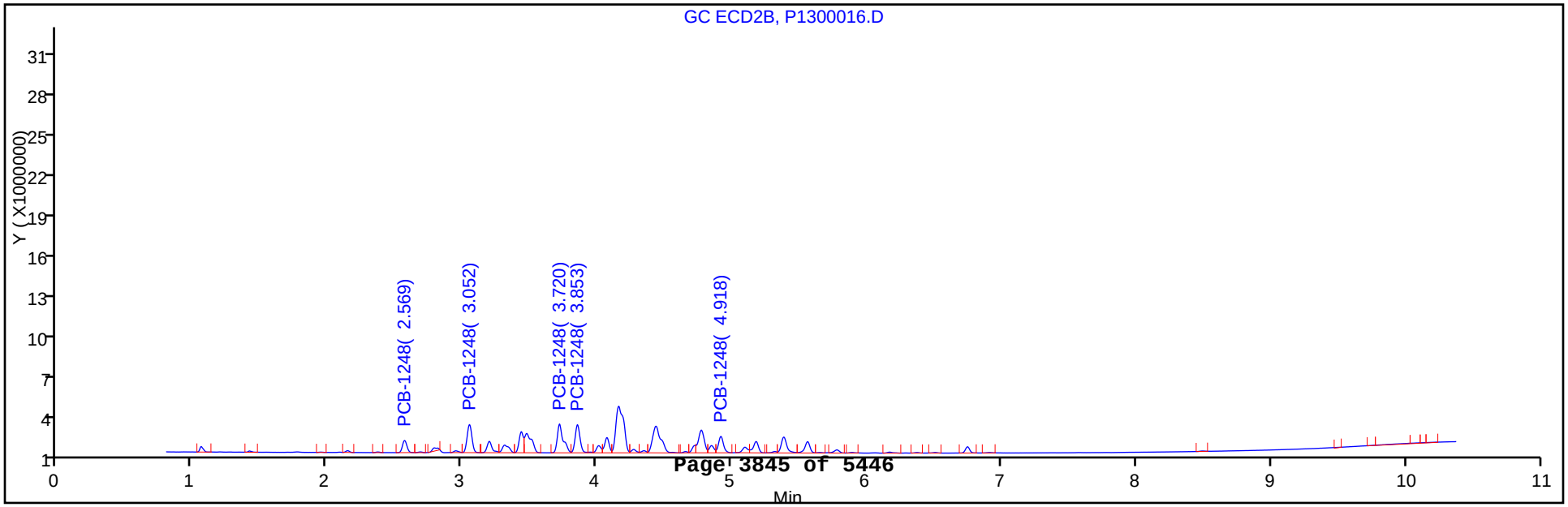
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D

Injection Date:	21-Oct-2012 20:07:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D
Lims ID: STD02 1248 Client ID:
Inject. Date: 21-Oct-2012 20:22:16 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-017
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 62068 Lims Sample ID: 17
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:26 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	6291316	0.2072		100.0	
1	2	2.320	2.319	0.001	17478839	0.2044	252.8- 302.8	277.8	
1	3	2.865	2.866	-0.001	18956690	0.2067	276.3- 326.3	301.3	
1	4	3.488	3.489	-0.001	10879470	0.2082	147.9- 197.9	172.9	
1	5	3.956	3.955	0.001	9507796	0.2073	126.1- 176.1	151.1	
			Average of Peak Amounts =			0.2067			
2	6	2.570	2.570	0.000	3893609	0.2032		100.0	
2	7	3.052	3.053	-0.001	9933230	0.2016	225.1- 285.1	255.1	
2	8	3.721	3.719	0.002	12282545	0.2031	285.5- 345.5	315.5	
2	9	3.853	3.853	0.000	10020517	0.2016	227.4- 287.4	257.4	
2	10	4.917	4.916	0.001	6098245	0.2041	126.6- 186.6	156.6	
			Average of Peak Amounts =			0.2027			
						RPD = 1.97			

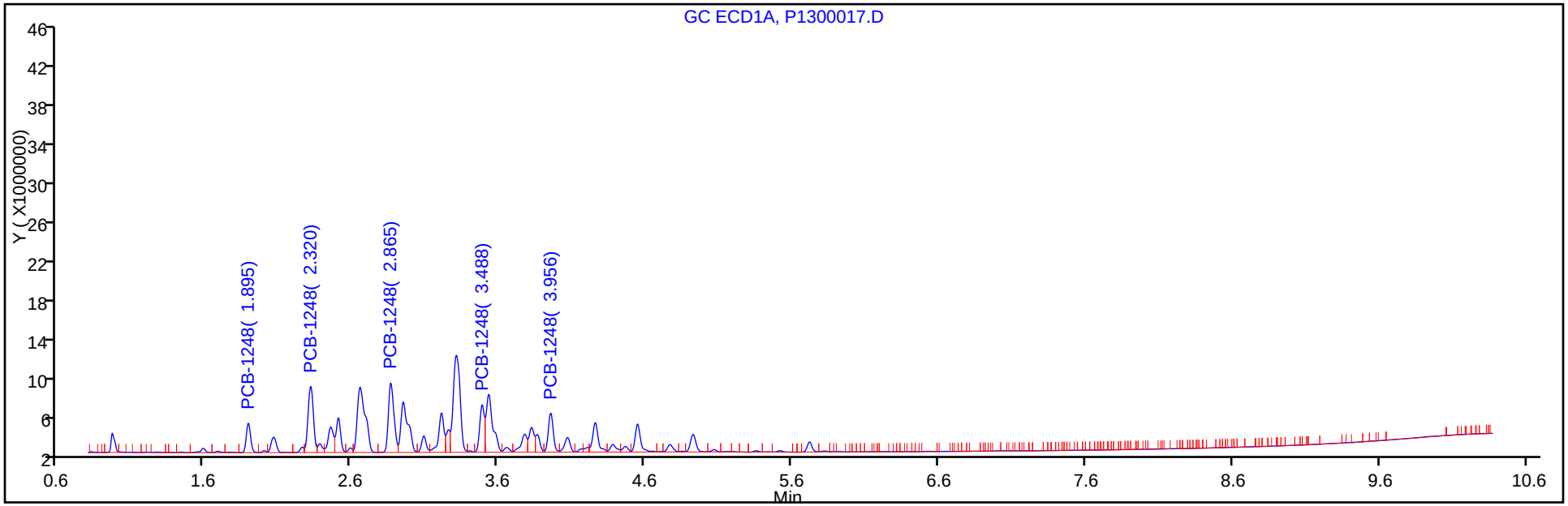
Report Date: 22-Oct-2012 09:18:27 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

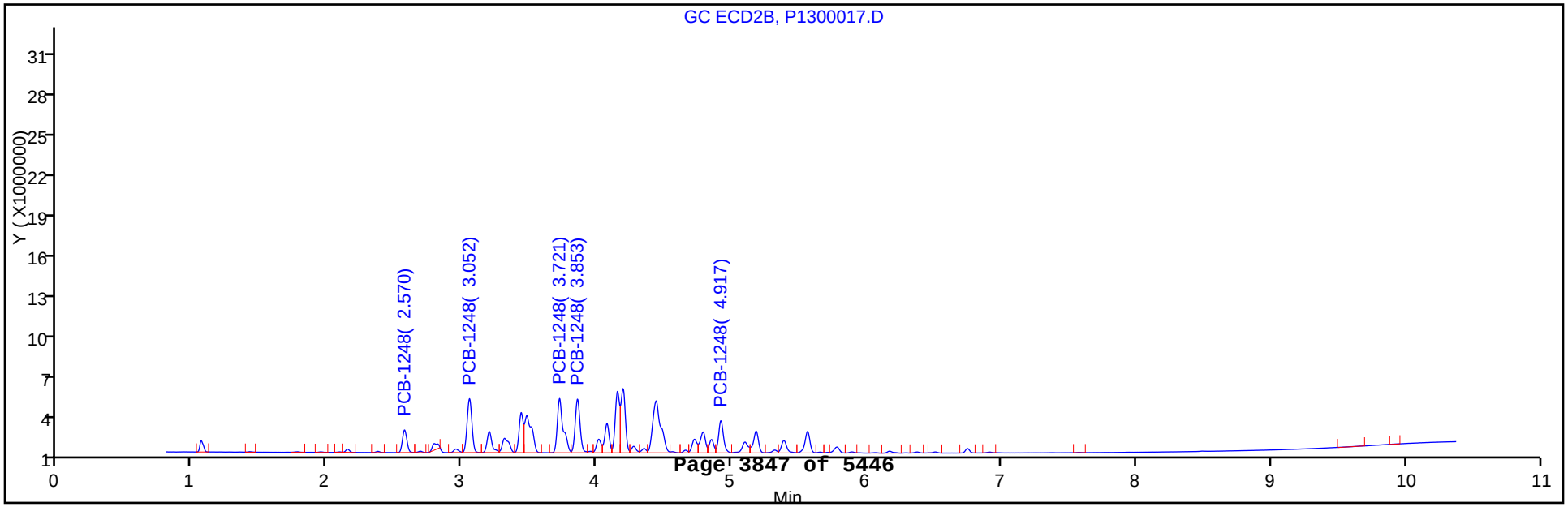
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D

Injection Date:	21-Oct-2012 20:22:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D
Lims ID: STD05 1248 Client ID:
Inject. Date: 21-Oct-2012 20:37:10 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0014228-018
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 62068 Lims Sample ID: 18
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:25 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	14170120	0.4667		100.0	
1	2	2.320	2.319	0.001	40437894	0.4729	252.8- 302.8	285.4	
1	3	2.865	2.866	-0.001	43324001	0.4723	276.3- 326.3	305.7	
1	4	3.488	3.489	-0.001	24987649	0.4781	147.9- 197.9	176.3	
1	5	3.955	3.955	0.000	22507046	0.4906	126.1- 176.1	158.8	
			Average of Peak Amounts =			0.4761			
2	6	2.570	2.570	0.000	8854766	0.4621		100.0	
2	7	3.052	3.053	-0.001	23340190	0.4738	225.1- 285.1	263.6	
2	8	3.720	3.719	0.001	28238370	0.4670	285.5- 345.5	318.9	
2	9	3.854	3.853	0.001	23599597	0.4748	227.4- 287.4	266.5	
2	10	4.918	4.916	0.002	14111828	0.4723	126.6- 186.6	159.4	
			Average of Peak Amounts =			0.4700			
						RPD = 1.31			

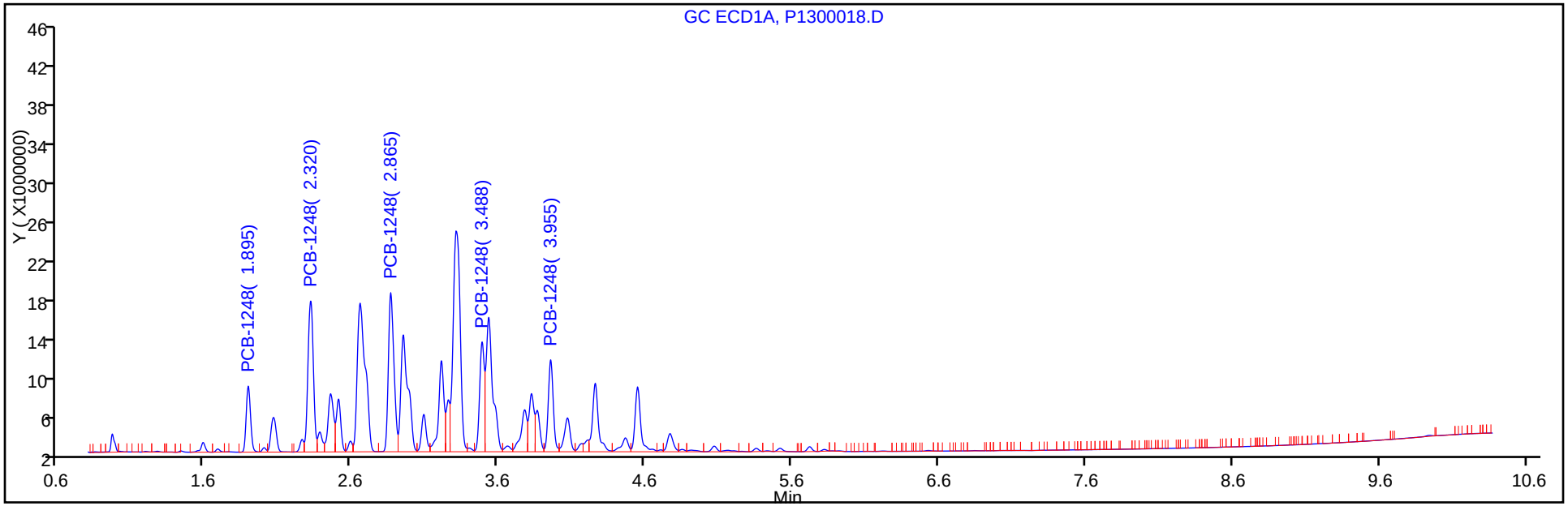
Report Date: 22-Oct-2012 09:18:25 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

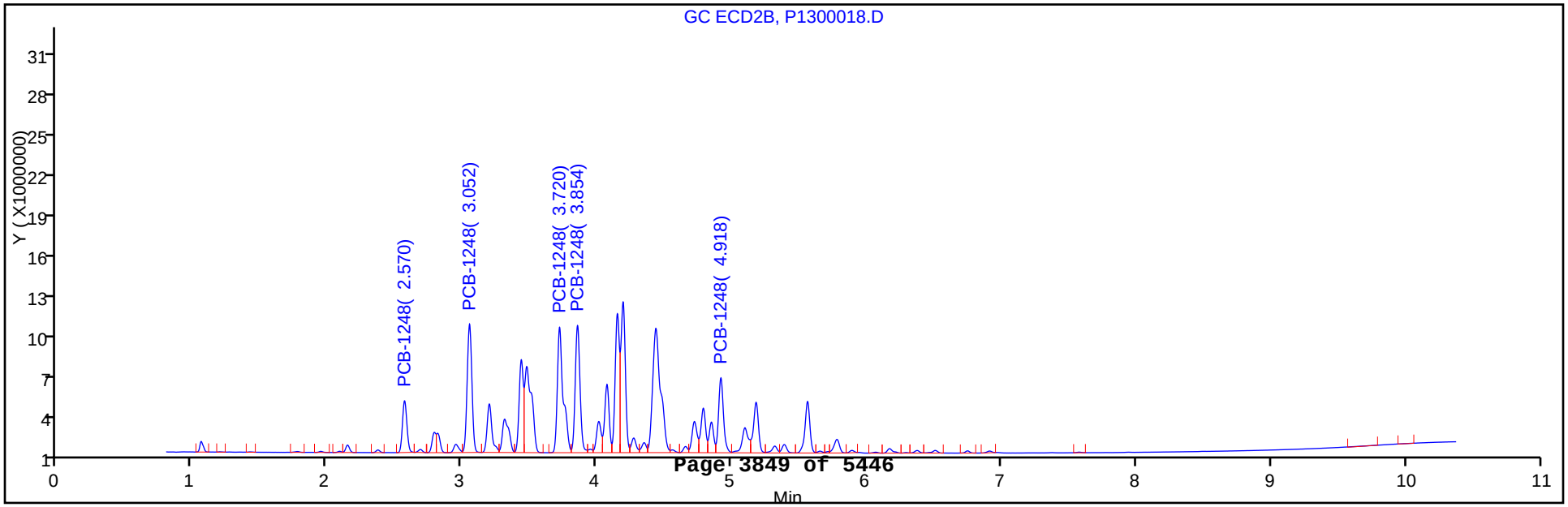
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D

Injection Date:	21-Oct-2012 20:37:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D		
Lims ID:	STD1 1248	Client ID:	
Inject. Date:	21-Oct-2012 20:52:10	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014228-019		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	62068	Lims Sample ID:	19
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:23	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.896	1.895	0.001	29135388	0.9596		100.0	
1	2	2.321	2.319	0.002	84632106	0.9897	252.8- 302.8	290.5	
1	3	2.867	2.866	0.001	89853545	0.9796	276.3- 326.3	308.4	
1	4	3.489	3.489	0.000	51679145	0.9888	147.9- 197.9	177.4	
1	5	3.956	3.955	0.001	46162000	1.01	126.1- 176.1	158.4	
			Average of Peak Amounts =			0.9848			
2	6	2.570	2.570	0.000	18764890	0.9792		100.0	
2	7	3.053	3.053	0.000	50161615	1.02	225.1- 285.1	267.3	
2	8	3.721	3.719	0.002	59878771	0.99	285.5- 345.5	319.1	
2	9	3.854	3.853	0.001	50492707	1.02	227.4- 287.4	269.1	
2	10	4.917	4.916	0.001	30146724	1.01	126.6- 186.6	160.7	
			Average of Peak Amounts =			1.00			
						RPD = 1.77			

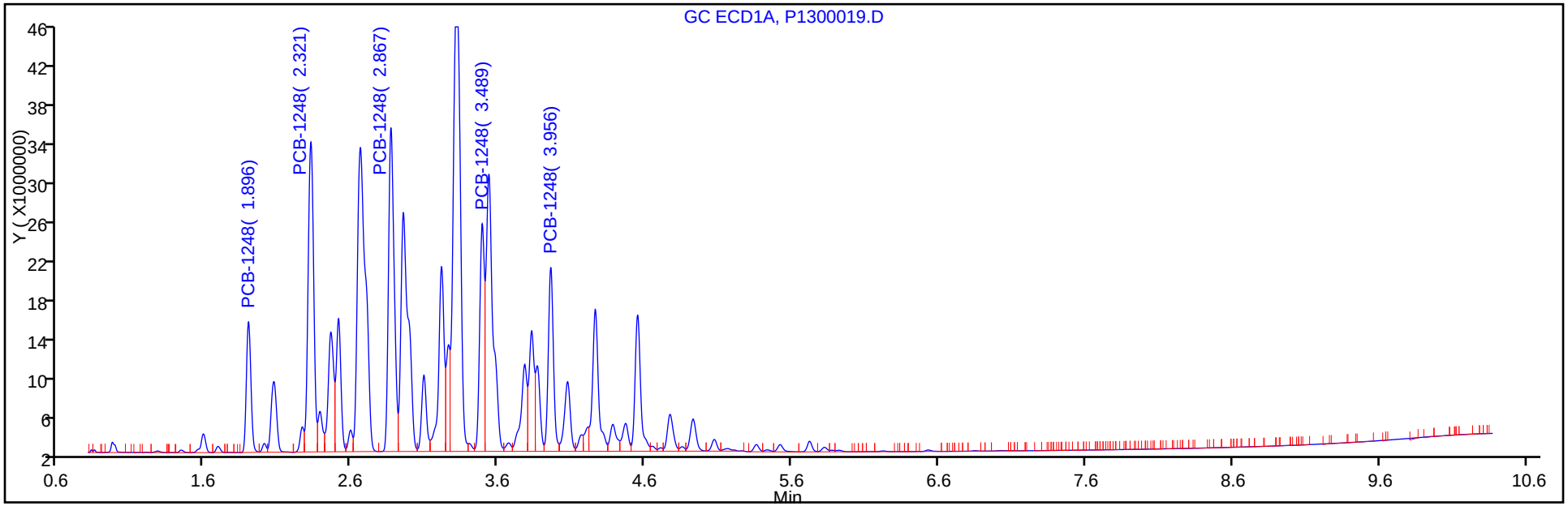
Report Date: 22-Oct-2012 09:18:24 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

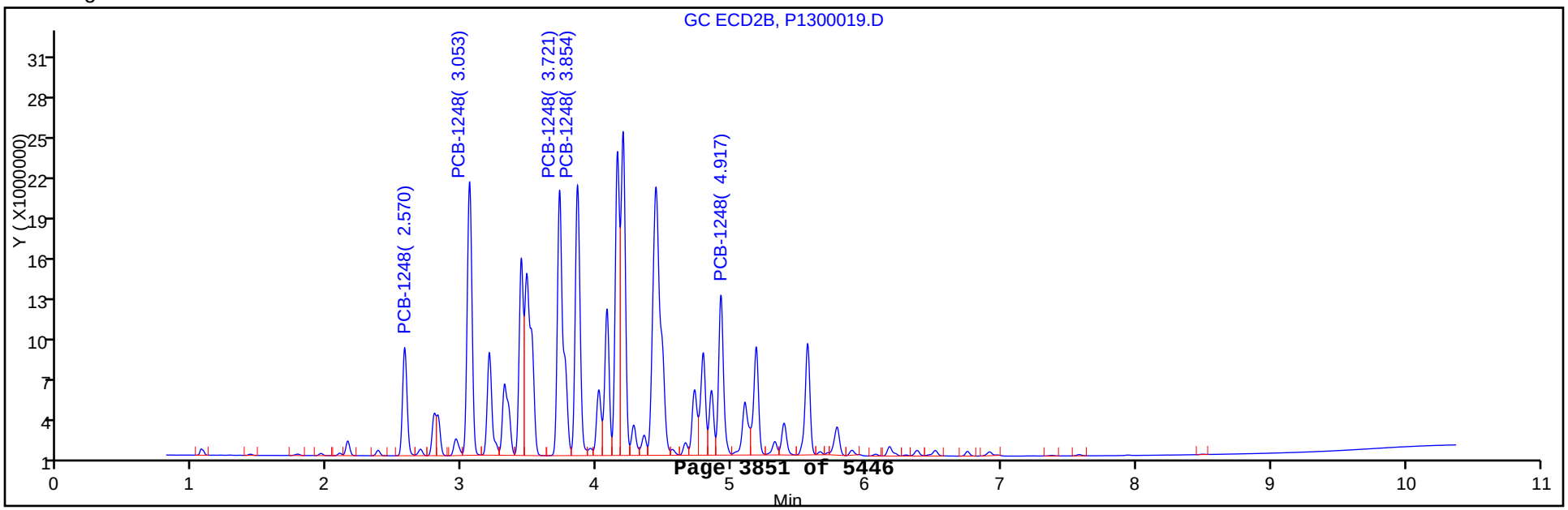
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D

Injection Date:	21-Oct-2012 20:52:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D
Lims ID: STD2 1248 Client ID:
Inject. Date: 21-Oct-2012 21:07:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0014228-020
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 62068 Lims Sample ID: 20
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:21 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.898	1.895	0.003	48136898	1.59		100.0	
1	2	2.323	2.319	0.004	141940688	1.66	252.8- 302.8	294.9	
1	3	2.867	2.866	0.001	148998259	1.62	276.3- 326.3	309.5	
1	4	3.491	3.489	0.002	89567507	1.71	147.9- 197.9	186.1	
1	5	3.956	3.955	0.001	78344020	1.71	126.1- 176.1	162.8	
			Average of Peak Amounts =			1.66			
2	6	2.572	2.570	0.002	31723638	1.66		100.0	
2	7	3.053	3.053	0.000	86579334	1.76	225.1- 285.1	272.9	
2	8	3.721	3.719	0.002	102769872	1.70	285.5- 345.5	324.0	
2	9	3.854	3.853	0.001	87113870	1.75	227.4- 287.4	274.6	
2	10	4.919	4.916	0.003	52631215	1.76	126.6- 186.6	165.9	
			Average of Peak Amounts =			1.73			
						RPD = 3.96			

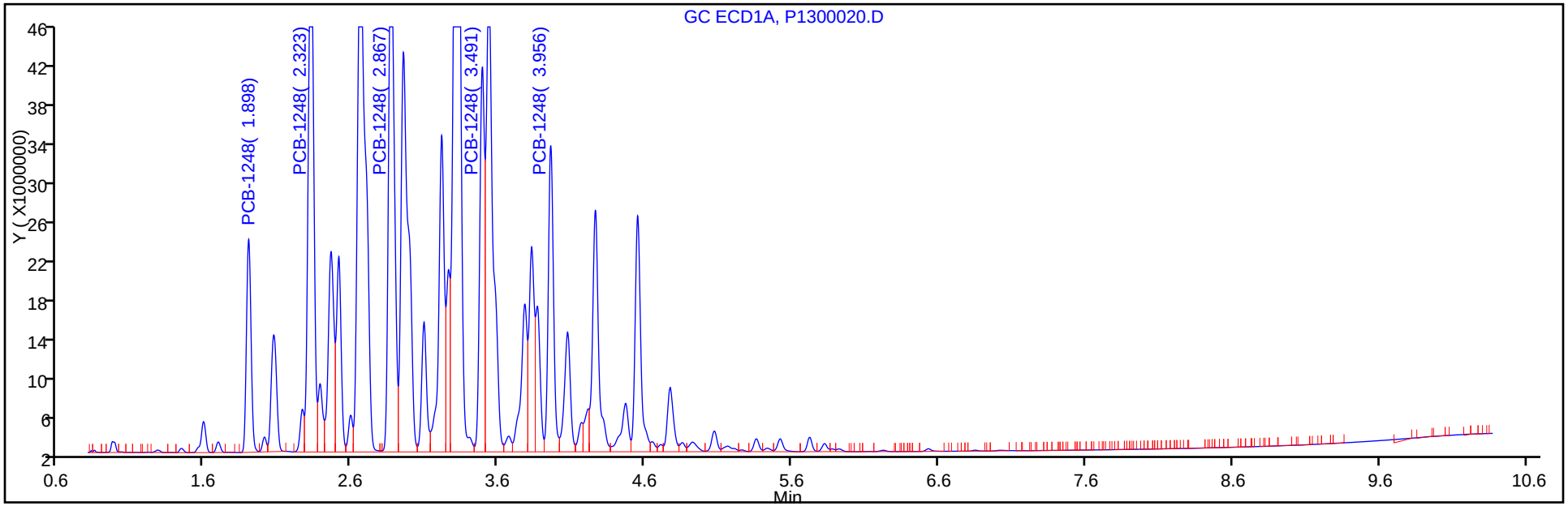
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TestAmerica Canton

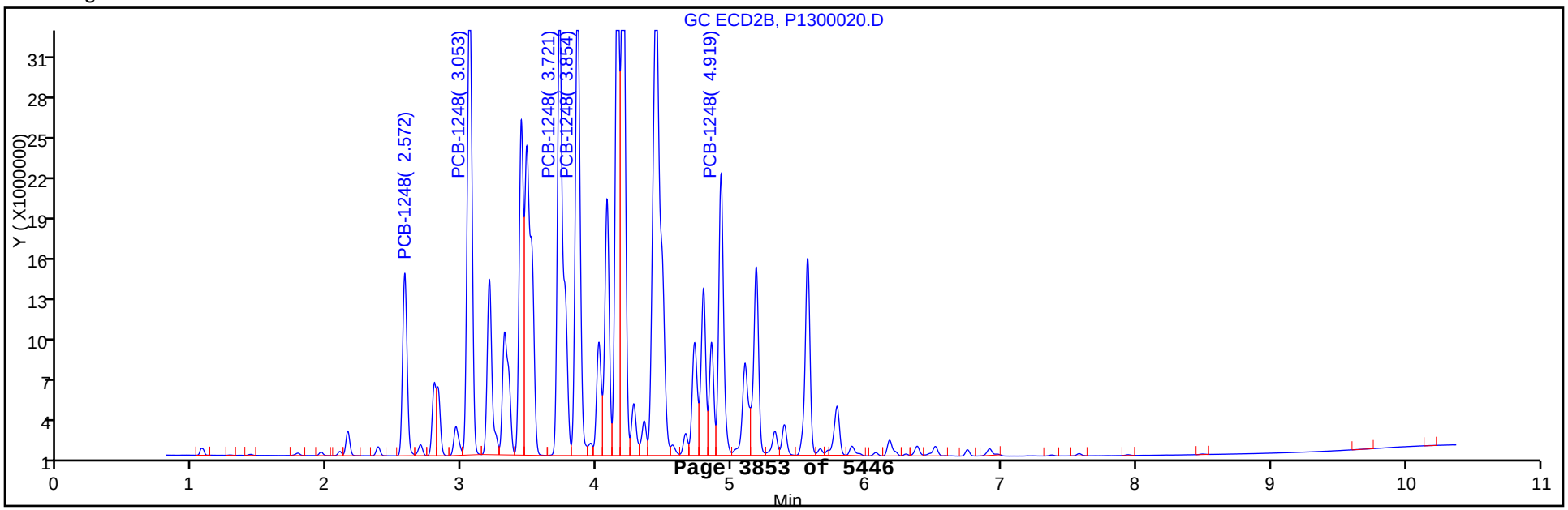
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D

Injection Date:	21-Oct-2012 21:07:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 19:52 Calibration End Date: 10/21/2012 21:07 Calibration ID: 12025

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/15	P1300015.D
Level 2	STD01 240-62068/16	P1300016.D
Level 3	STD02 240-62068/17	P1300017.D
Level 4	STD05 240-62068/18	P1300018.D
Level 5	STD1 240-62068/19	P1300019.D
Level 6	STD2 240-62068/20	P1300020.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	2.570	2.569	2.570	2.570	2.570	2.572					2.520 - 2.620	2.570
PCB-1248 Peak 2	3.053	3.052	3.052	3.052	3.053	3.053					3.003 - 3.103	3.053
PCB-1248 Peak 3	3.719	3.720	3.721	3.720	3.721	3.721					3.669 - 3.769	3.720
PCB-1248 Peak 4	3.853	3.853	3.853	3.854	3.854	3.854					3.803 - 3.903	3.854
PCB-1248 Peak 5	4.916	4.918	4.917	4.918	4.917	4.919					4.866 - 4.966	4.918

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 19:52 Calibration End Date: 10/21/2012 21:07 Calibration ID: 12025

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/15	P1300015.D
Level 2	STD01 240-62068/16	P1300016.D
Level 3	STD02 240-62068/17	P1300017.D
Level 4	STD05 240-62068/18	P1300018.D
Level 5	STD1 240-62068/19	P1300019.D
Level 6	STD2 240-62068/20	P1300020.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	22344560 18764890	20829820 15861819	19468045	17709532	Ave		19163111.0				12.0		20.0			
PCB-1248 Peak 2	54073620 50161615	51714370 43289667	49666150	46680380	Ave		49264300.3				7.7		20.0			
PCB-1248 Peak 3	69246240 59878771	64444590 51384936	61412725	56476740	Ave		60474000.3				10.0		20.0			
PCB-1248 Peak 4	54652180 50492707	52250990 43556935	50102585	47199194	Ave		49709098.5				7.8		20.0			
PCB-1248 Peak 5	32739580 30146724	31361480 26315608	30491225	28223656	Ave		29879712.1				7.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 19:52 Calibration End Date: 10/21/2012 21:07 Calibration ID: 12025

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/15	P1300015.D
Level 2	STD01 240-62068/16	P1300016.D
Level 3	STD02 240-62068/17	P1300017.D
Level 4	STD05 240-62068/18	P1300018.D
Level 5	STD1 240-62068/19	P1300019.D
Level 6	STD2 240-62068/20	P1300020.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	1117228 31723638	2082982	3893609	8854766	18764890	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	Ave	2703681 86579334	5171437	9933230	23340190	50161615	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	Ave	3462312 102769872	6444459	12282545	28238370	59878771	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	Ave	2732609 87113870	5225099	10020517	23599597	50492707	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	Ave	1636979 52631215	3136148	6098245	14111828	30146724	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D
Lims ID: STD005 1248 Client ID:
Inject. Date: 21-Oct-2012 19:52:26 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-015
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 62068 Lims Sample ID: 15
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:29 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	1781352	0.0587		100.0	
1	2	2.319	2.319	0.000	4854997	0.0568	252.8- 302.8	272.5	
1	3	2.866	2.866	0.000	5244964	0.0572	276.3- 326.3	294.4	
1	4	3.489	3.489	0.000	2879448	0.0551	147.9- 197.9	161.6	
1	5	3.955	3.955	0.000	2490959	0.0543	126.1- 176.1	139.8	
			Average of Peak Amounts =			0.0564			
2	6	2.570	2.570	0.000	1117228	0.0583		100.0	
2	7	3.053	3.053	0.000	2703681	0.0549	225.1- 285.1	242.0	
2	8	3.719	3.719	0.000	3462312	0.0573	285.5- 345.5	309.9	
2	9	3.853	3.853	0.000	2732609	0.0550	227.4- 287.4	244.6	
2	10	4.916	4.916	0.000	1636979	0.0548	126.6- 186.6	146.5	
			Average of Peak Amounts =			0.0560			
						RPD = 0.65			

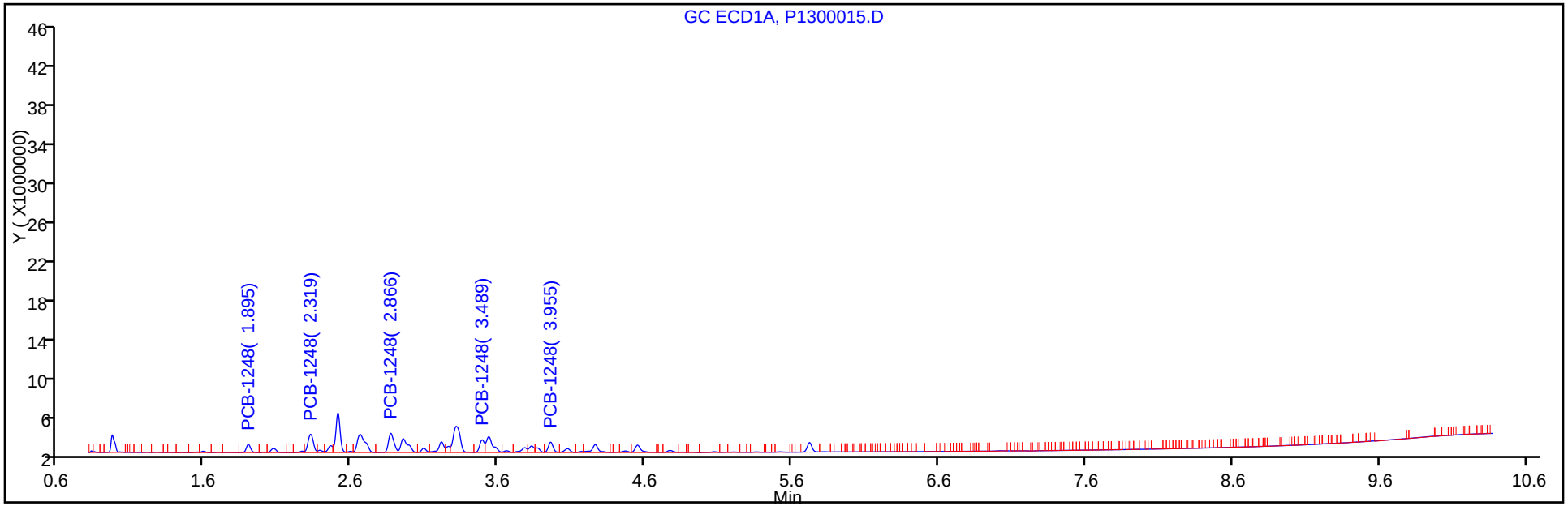
Report Date: 22-Oct-2012 09:18:30 Chrom Revision: 2.0 12-Oct-2012 03:41:20

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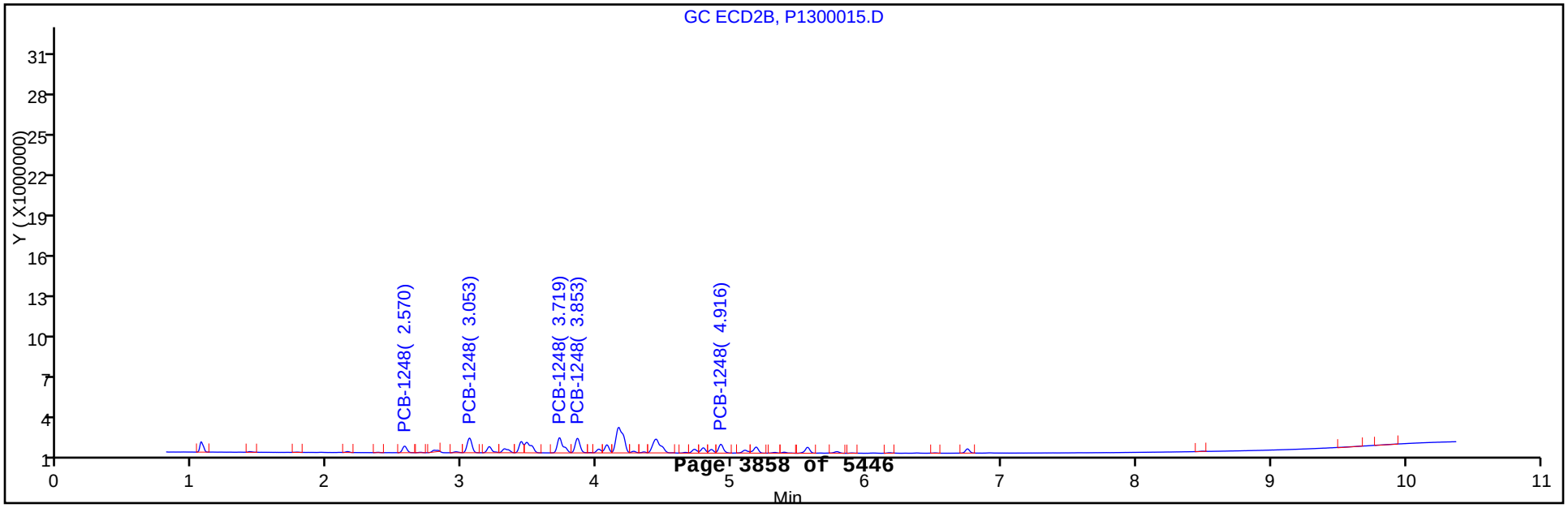
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D

Injection Date:	21-Oct-2012 19:52:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D
Lims ID: STD01 1248 Client ID:
Inject. Date: 21-Oct-2012 20:07:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-016
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 62068 Lims Sample ID: 16
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:28 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.894	1.895	-0.001	3353686	0.1105		100.0	
1	2	2.320	2.319	0.001	9210279	0.1077	252.8- 302.8	274.6	
1	3	2.866	2.866	0.000	9964737	0.1086	276.3- 326.3	297.1	
1	4	3.488	3.489	-0.001	5514946	0.1055	147.9- 197.9	164.4	
1	5	3.955	3.955	0.000	4752862	0.1036	126.1- 176.1	141.7	
			Average of Peak Amounts =			0.1072			
2	6	2.569	2.570	-0.001	2082982	0.1087		100.0	
2	7	3.052	3.053	-0.001	5171437	0.1050	225.1- 285.1	248.3	
2	8	3.720	3.719	0.001	6444459	0.1066	285.5- 345.5	309.4	
2	9	3.853	3.853	0.000	5225099	0.1051	227.4- 287.4	250.8	
2	10	4.918	4.916	0.002	3136148	0.1050	126.6- 186.6	150.6	
			Average of Peak Amounts =			0.1061			
						RPD = 1.06			

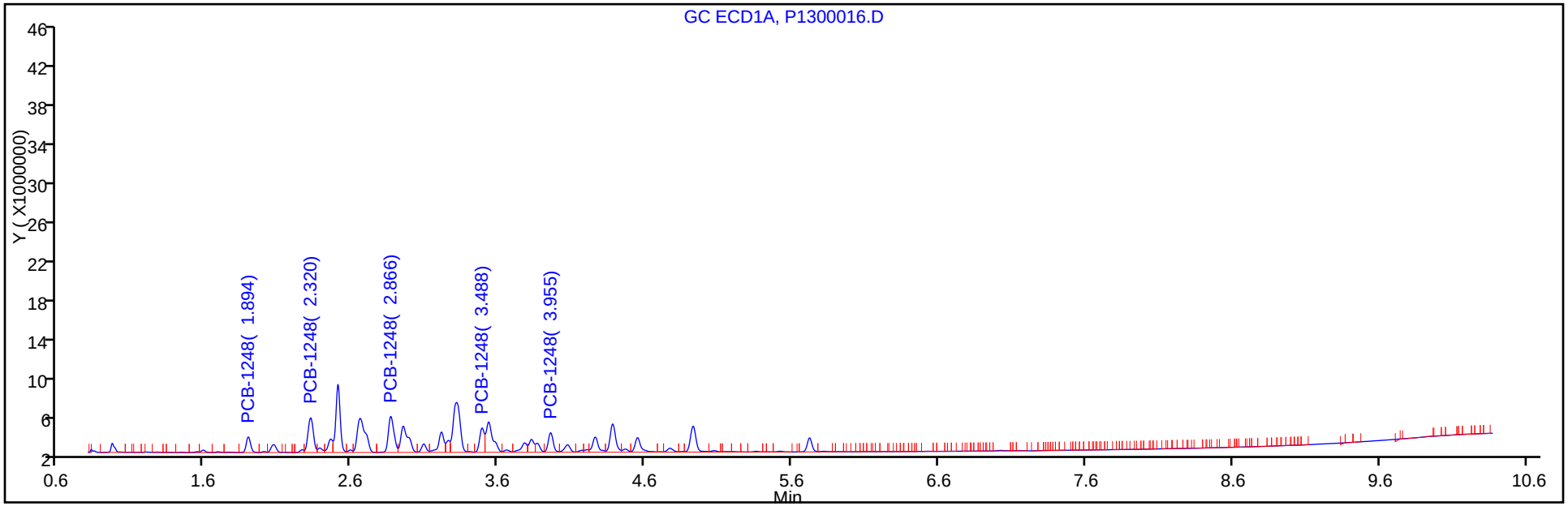
Report Date: 22-Oct-2012 09:18:28 Chrom Revision: 2.0 12-Oct-2012 03:41:20

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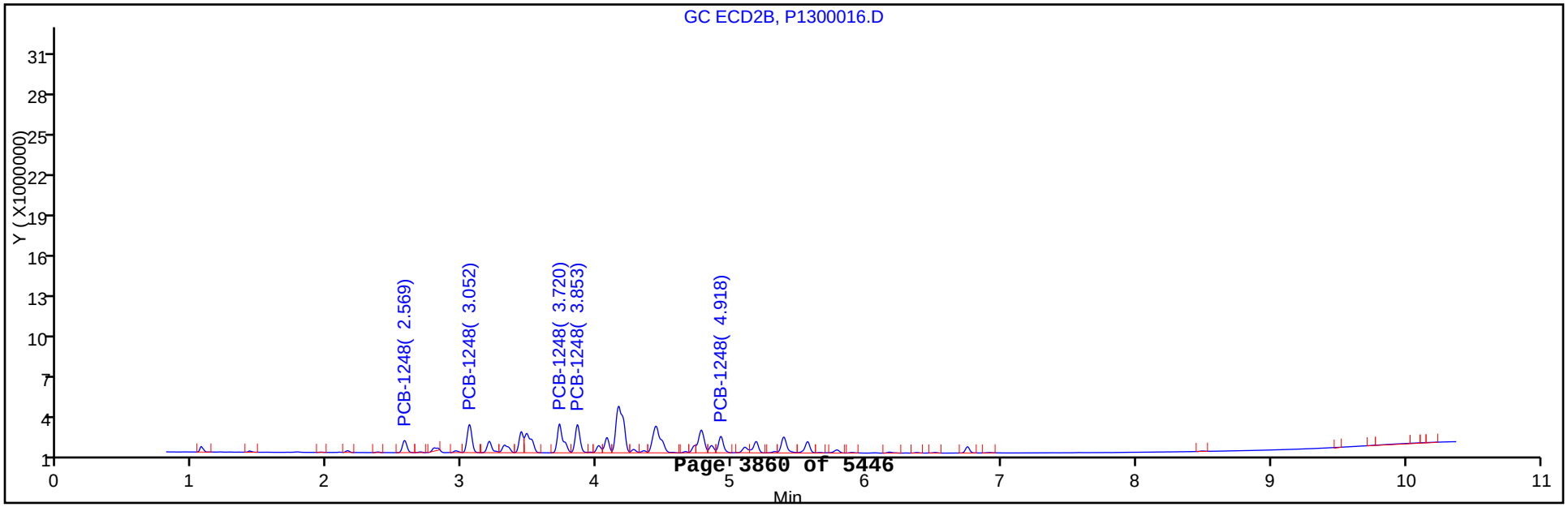
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D

Injection Date:	21-Oct-2012 20:07:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D
Lims ID: STD02 1248 Client ID:
Inject. Date: 21-Oct-2012 20:22:16 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-017
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 62068 Lims Sample ID: 17
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:26 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	6291316	0.2072		100.0	
1	2	2.320	2.319	0.001	17478839	0.2044	252.8- 302.8	277.8	
1	3	2.865	2.866	-0.001	18956690	0.2067	276.3- 326.3	301.3	
1	4	3.488	3.489	-0.001	10879470	0.2082	147.9- 197.9	172.9	
1	5	3.956	3.955	0.001	9507796	0.2073	126.1- 176.1	151.1	
			Average of Peak Amounts =			0.2067			
2	6	2.570	2.570	0.000	3893609	0.2032		100.0	
2	7	3.052	3.053	-0.001	9933230	0.2016	225.1- 285.1	255.1	
2	8	3.721	3.719	0.002	12282545	0.2031	285.5- 345.5	315.5	
2	9	3.853	3.853	0.000	10020517	0.2016	227.4- 287.4	257.4	
2	10	4.917	4.916	0.001	6098245	0.2041	126.6- 186.6	156.6	
			Average of Peak Amounts =			0.2027			
						RPD = 1.97			

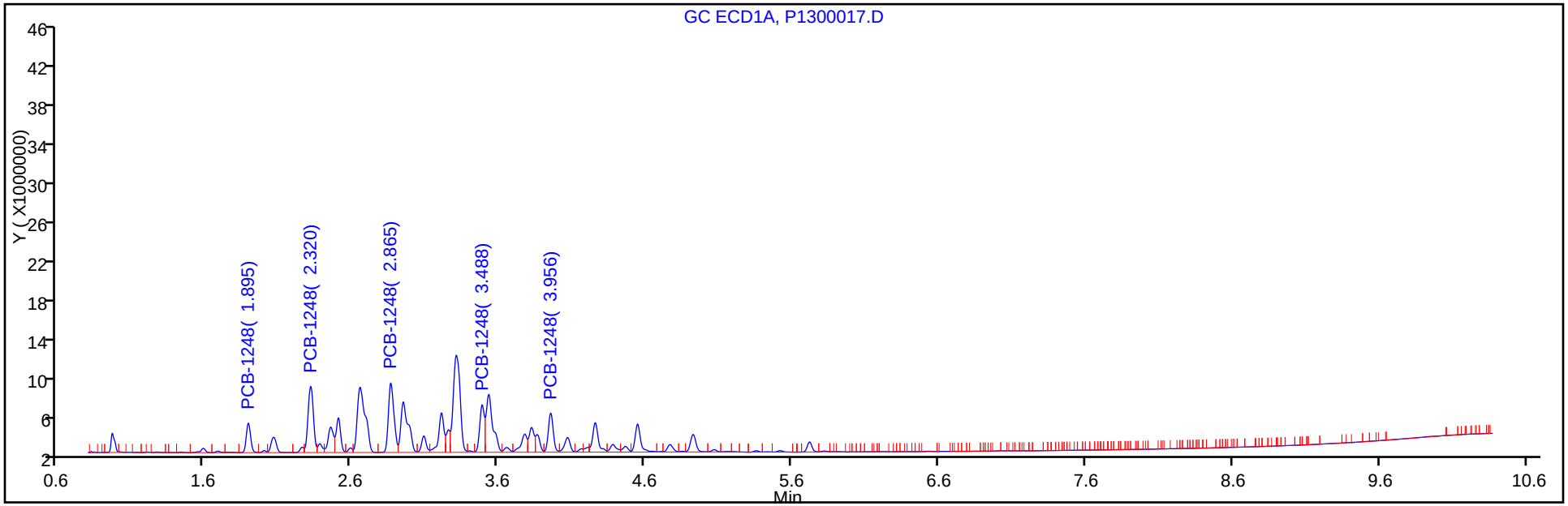
Report Date: 22-Oct-2012 09:18:27 Chrom Revision: 2.0 12-Oct-2012 03:41:20

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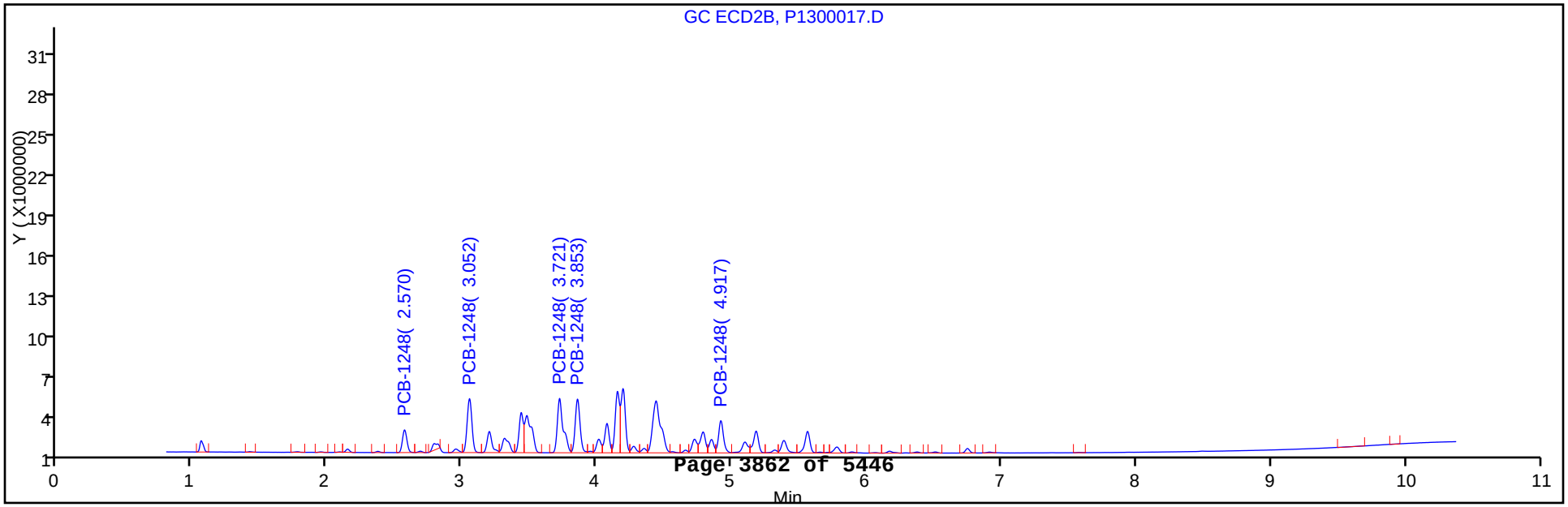
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D

Injection Date:	21-Oct-2012 20:22:16	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D
Lims ID: STD05 1248 Client ID:
Inject. Date: 21-Oct-2012 20:37:10 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0014228-018
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 62068 Lims Sample ID: 18
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:25 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	14170120	0.4667		100.0	
1	2	2.320	2.319	0.001	40437894	0.4729	252.8- 302.8	285.4	
1	3	2.865	2.866	-0.001	43324001	0.4723	276.3- 326.3	305.7	
1	4	3.488	3.489	-0.001	24987649	0.4781	147.9- 197.9	176.3	
1	5	3.955	3.955	0.000	22507046	0.4906	126.1- 176.1	158.8	
			Average of Peak Amounts =			0.4761			
2	6	2.570	2.570	0.000	8854766	0.4621		100.0	
2	7	3.052	3.053	-0.001	23340190	0.4738	225.1- 285.1	263.6	
2	8	3.720	3.719	0.001	28238370	0.4670	285.5- 345.5	318.9	
2	9	3.854	3.853	0.001	23599597	0.4748	227.4- 287.4	266.5	
2	10	4.918	4.916	0.002	14111828	0.4723	126.6- 186.6	159.4	
			Average of Peak Amounts =			0.4700			
						RPD = 1.31			

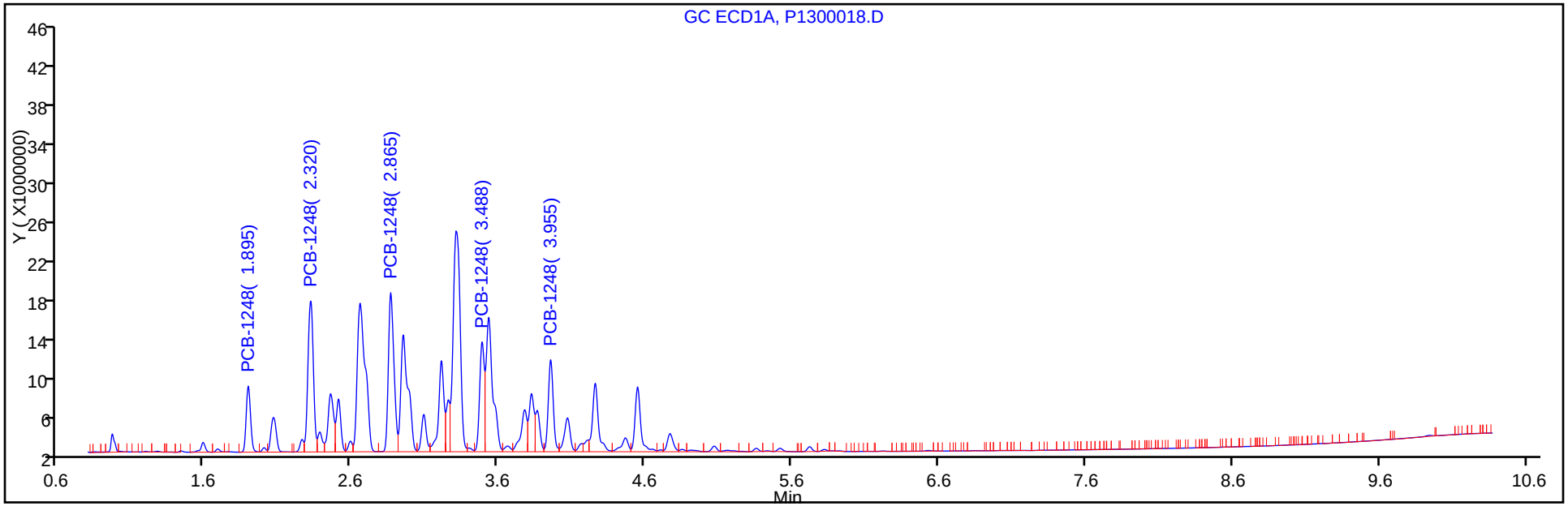
Report Date: 22-Oct-2012 09:18:25 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

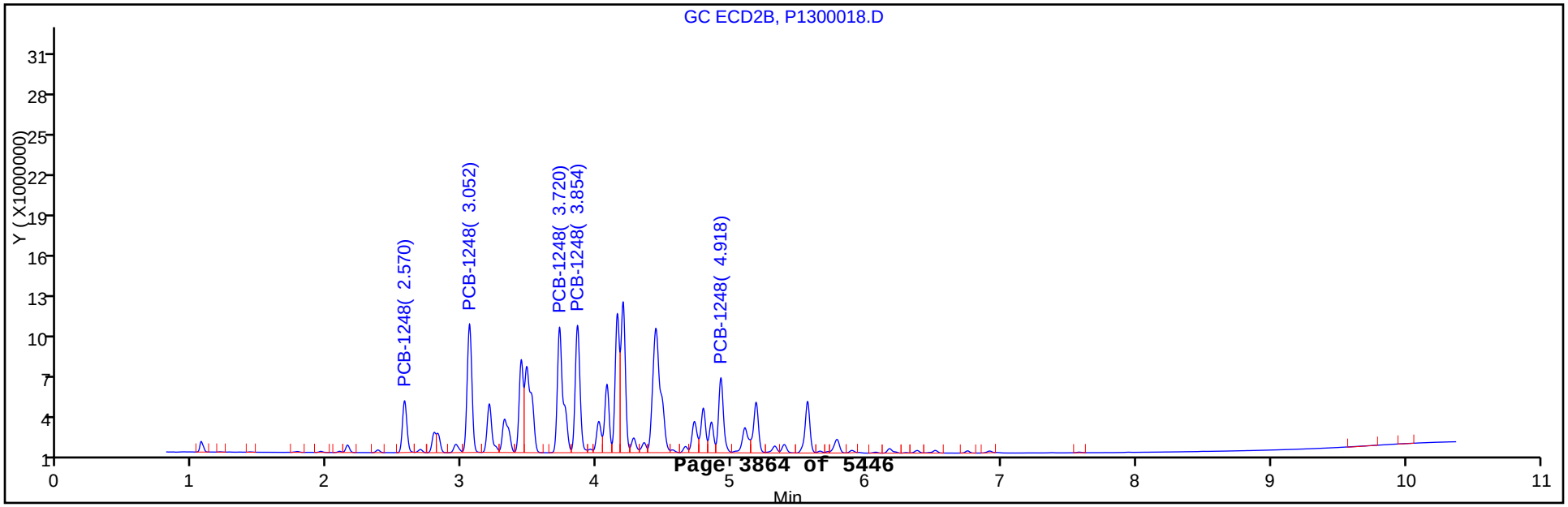
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D

Injection Date:	21-Oct-2012 20:37:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D		
Lims ID:	STD1 1248	Client ID:	
Inject. Date:	21-Oct-2012 20:52:10	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014228-019		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	62068	Lims Sample ID:	19
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:23	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.896	1.895	0.001	29135388	0.9596		100.0	
1	2	2.321	2.319	0.002	84632106	0.9897	252.8- 302.8	290.5	
1	3	2.867	2.866	0.001	89853545	0.9796	276.3- 326.3	308.4	
1	4	3.489	3.489	0.000	51679145	0.9888	147.9- 197.9	177.4	
1	5	3.956	3.955	0.001	46162000	1.01	126.1- 176.1	158.4	
			Average of Peak Amounts =			0.9848			
2	6	2.570	2.570	0.000	18764890	0.9792		100.0	
2	7	3.053	3.053	0.000	50161615	1.02	225.1- 285.1	267.3	
2	8	3.721	3.719	0.002	59878771	0.99	285.5- 345.5	319.1	
2	9	3.854	3.853	0.001	50492707	1.02	227.4- 287.4	269.1	
2	10	4.917	4.916	0.001	30146724	1.01	126.6- 186.6	160.7	
			Average of Peak Amounts =			1.00			
						RPD = 1.77			

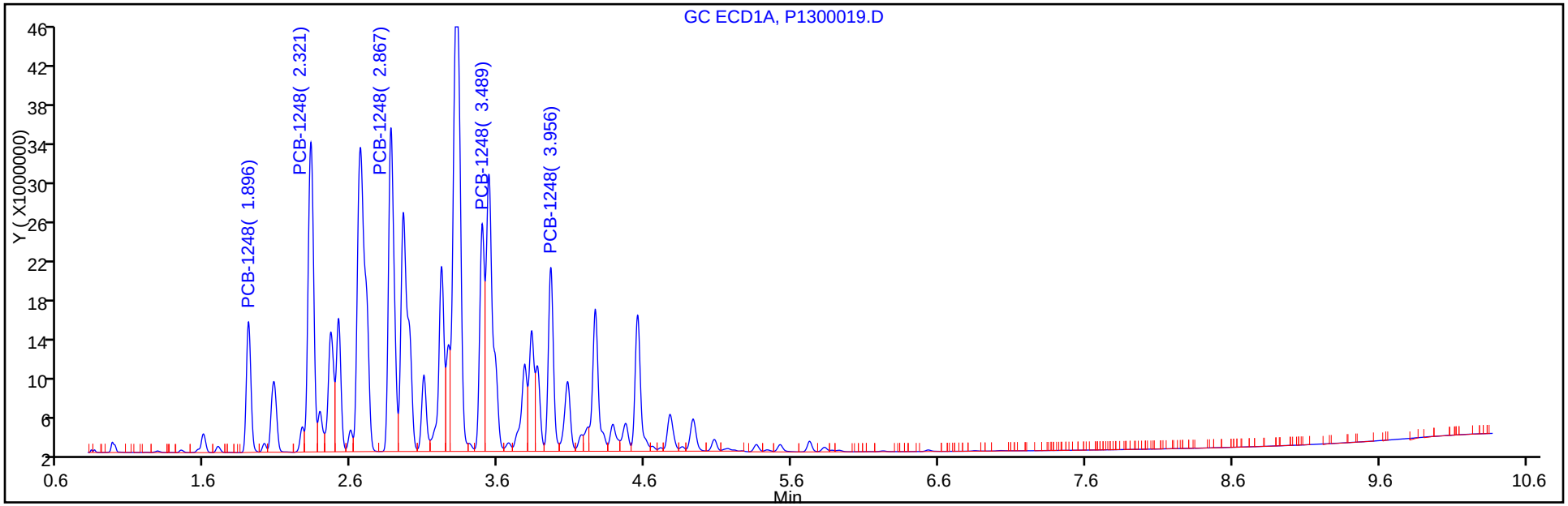
Report Date: 22-Oct-2012 09:18:24 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

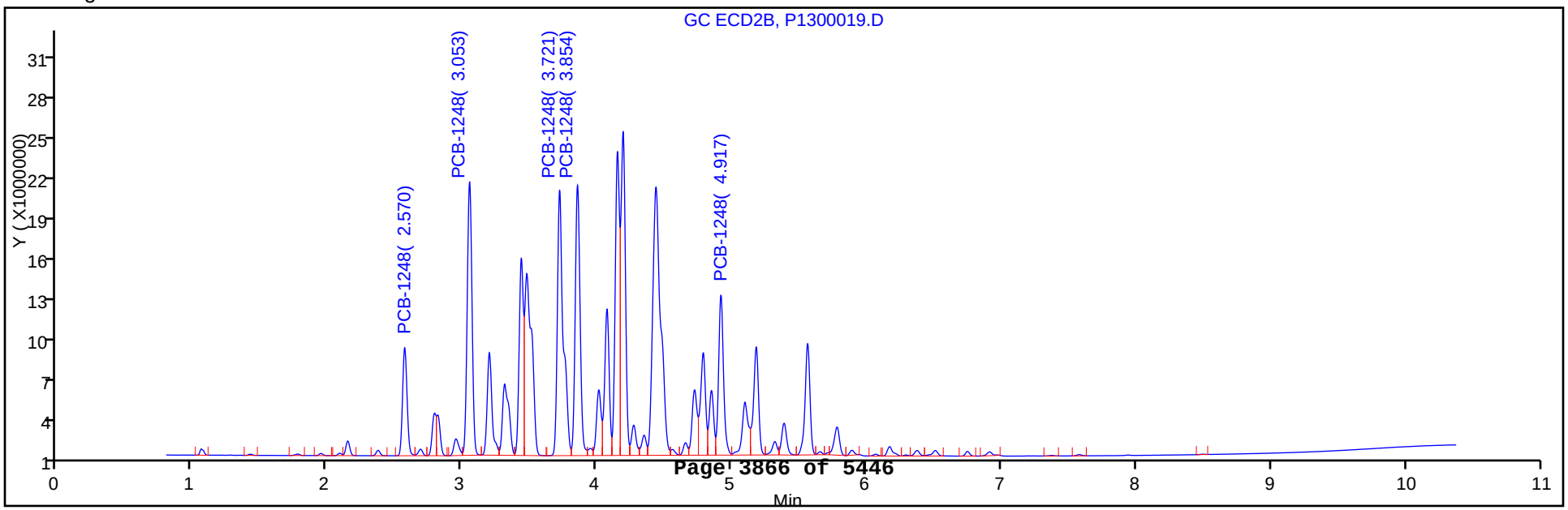
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D

Injection Date:	21-Oct-2012 20:52:10	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D		
Lims ID:	STD2 1248	Client ID:	
Inject. Date:	21-Oct-2012 21:07:05	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-020		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	62068	Lims Sample ID:	20
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:21	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.898	1.895	0.003	48136898	1.59		100.0	
1	2	2.323	2.319	0.004	141940688	1.66	252.8- 302.8	294.9	
1	3	2.867	2.866	0.001	148998259	1.62	276.3- 326.3	309.5	
1	4	3.491	3.489	0.002	89567507	1.71	147.9- 197.9	186.1	
1	5	3.956	3.955	0.001	78344020	1.71	126.1- 176.1	162.8	
			Average of Peak Amounts =			1.66			
2	6	2.572	2.570	0.002	31723638	1.66		100.0	
2	7	3.053	3.053	0.000	86579334	1.76	225.1- 285.1	272.9	
2	8	3.721	3.719	0.002	102769872	1.70	285.5- 345.5	324.0	
2	9	3.854	3.853	0.001	87113870	1.75	227.4- 287.4	274.6	
2	10	4.919	4.916	0.003	52631215	1.76	126.6- 186.6	165.9	
			Average of Peak Amounts =			1.73			
						RPD = 3.96			

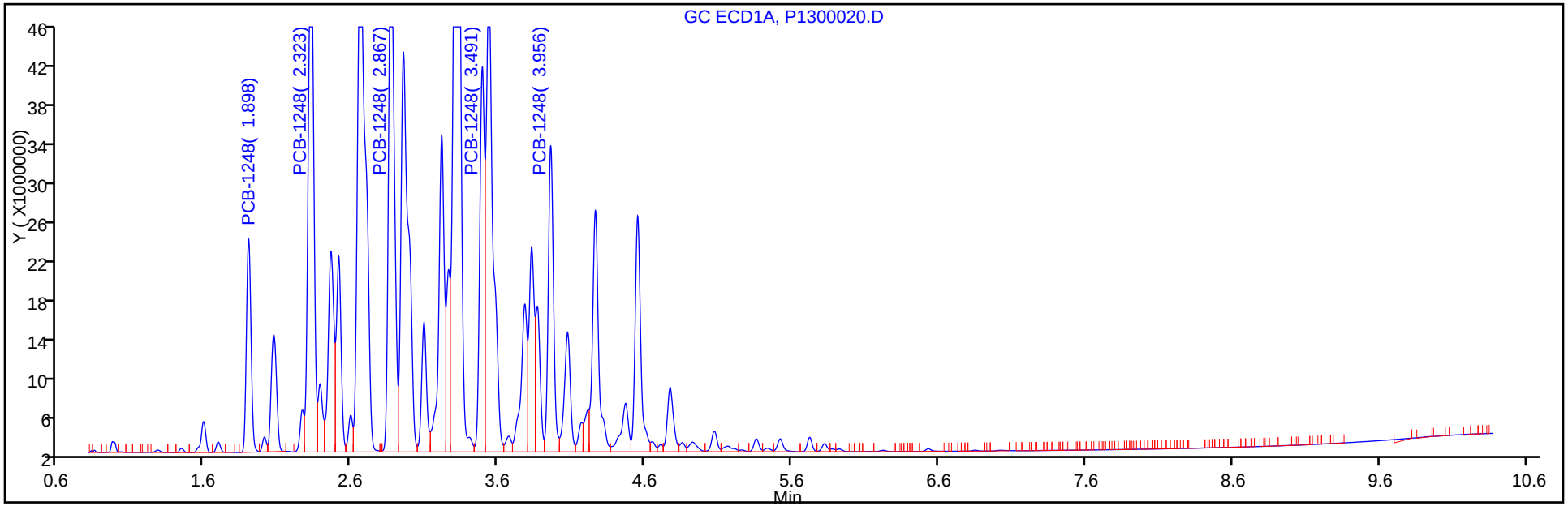
Report Date: 22-Oct-2012 09:18:22 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

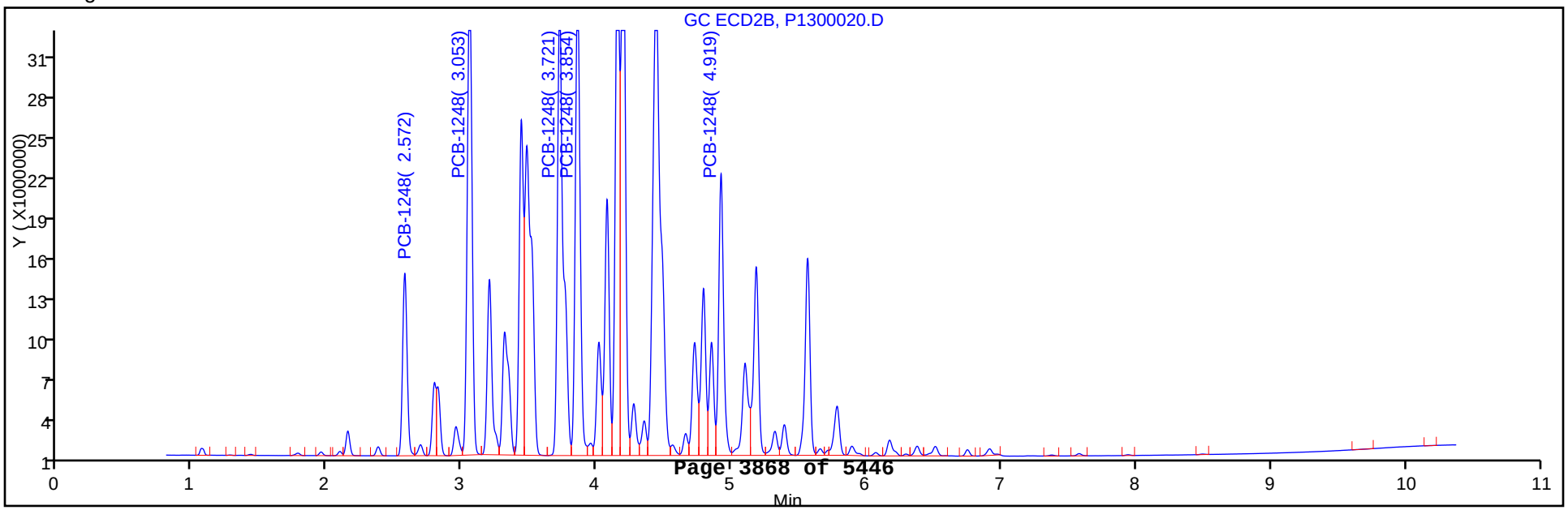
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D

Injection Date:	21-Oct-2012 21:07:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 21:21 Calibration End Date: 10/21/2012 22:36 Calibration ID: 12030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/21	P1300021.D
Level 2	STD01 240-62068/22	P1300022.D
Level 3	STD02 240-62068/23	P1300023.D
Level 4	STD05 240-62068/24	P1300024.D
Level 5	STD1 240-62068/25	P1300025.D
Level 6	STD2 240-62068/26	P1300026.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	1.435	1.435	1.435	1.435	1.436	1.435					1.385 - 1.485	1.435
PCB-1221 Peak 2	1.554	1.554	1.555	1.559	1.558	1.555					1.504 - 1.604	1.556
PCB-1221 Peak 3	1.586	1.587	1.586	1.587	1.586	1.587					1.536 - 1.636	1.587
PCB-1254 Peak 1	3.541	3.541	3.541	3.542	3.541	3.541					3.491 - 3.591	3.541
PCB-1254 Peak 2	3.956	3.956	3.955	3.956	3.956	3.955					3.906 - 4.006	3.956
PCB-1254 Peak 3	4.259	4.260	4.259	4.260	4.258	4.258					4.209 - 4.309	4.259
PCB-1254 Peak 4	4.467	4.468	4.466	4.467	4.466	4.466					4.417 - 4.517	4.467
PCB-1254 Peak 5	4.768	4.770	4.767	4.769	4.768	4.768					4.718 - 4.818	4.768

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 21:21 Calibration End Date: 10/21/2012 22:36 Calibration ID: 12030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/21	P1300021.D
Level 2	STD01 240-62068/22	P1300022.D
Level 3	STD02 240-62068/23	P1300023.D
Level 4	STD05 240-62068/24	P1300024.D
Level 5	STD1 240-62068/25	P1300025.D
Level 6	STD2 240-62068/26	P1300026.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1221 Peak 1	25276500 19416966	23589510 18376366	22146085	20859736	Ave		21610860.4				12.0		20.0			
PCB-1221 Peak 2	10506480 7440731	8390410 5964105	11072690	8799626	Qua	171636.332	8985050.25	-1560510.2						0.9980		0.9900
PCB-1221 Peak 3	69505760 49419050	65556860 46496770	57187385	53780986	Ave		56991135.2				16.0		20.0			
PCB-1254 Peak 1	155832800 120561612	123644400 114823635	135522475	128741102	Ave		129854337				11.0		20.0			
PCB-1254 Peak 2	165456440 131664859	136186960 125070332	145826905	139441684	Ave		140607863				10.0		20.0			
PCB-1254 Peak 3	133257220 110520159	100857590 105098997	121885025	115820590	Ave		114573263				10.0		20.0			
PCB-1254 Peak 4	112188460 92256552	98765440 87399898	101505340	97555316	Ave		98278500.9				8.6		20.0			
PCB-1254 Peak 5	162268680 134779062	133284940 127632578	147858510	142074056	Ave		141316304				8.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 21:21 Calibration End Date: 10/21/2012 22:36 Calibration ID: 12030

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/21	P1300021.D
Level 2	STD01 240-62068/22	P1300022.D
Level 3	STD02 240-62068/23	P1300023.D
Level 4	STD05 240-62068/24	P1300024.D
Level 5	STD1 240-62068/25	P1300025.D
Level 6	STD2 240-62068/26	P1300026.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	1263825 36752731	2358951	4429217	10429868	19416966	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	Qua	525324 11928209	839041	2214538	4399813	7440731	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	Ave	3475288 92993540	6555686	11437477	26890493	49419050	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	Ave	7791640 229647270	12364440	27104495	64370551	120561612	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	Ave	8272822 250140664	13618696	29165381	69720842	131664859	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	Ave	6662861 210197993	10085759	24377005	57910295	110520159	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	Ave	5609423 174799795	9876544	20301068	48777658	92256552	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	Ave	8113434 255265155	13328494	29571702	71037028	134779062	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average
Qua = Quadratic

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300021.D
Lims ID: STD005 AR2154 Client ID:
Inject. Date: 21-Oct-2012 21:21:59 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-021
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 62068 Lims Sample ID: 21
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:20 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:04:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	1263825	0.0585		100.0	
1	3	1.554	1.554	0.000	525324	0.0396	25.0- 75.0	41.6	M
1	4	1.586	1.586	0.000	3475288	0.0610	233.2- 283.2	275.0	M
			Average of Peak Amounts =			0.0530			
2	4	1.948	1.948	0.000	767886	0.0580		100.0	
2	5	2.088	2.088	0.000	526180	0.0599	37.0- 97.0	68.5	
2	6	2.148	2.148	0.000	1893329	0.0596	210.7- 270.7	246.6	
			Average of Peak Amounts =			0.0591			
						RPD = 10.91			
8 PCB-1254									
1	100	3.541	3.541	0.000	7791640	0.0600		100.0	
1	2	3.956	3.956	0.000	8272822	0.0588	82.6- 132.6	106.2	
1	3	4.259	4.259	0.000	6662861	0.0582	64.9- 114.9	85.5	
1	4	4.467	4.467	0.000	5609423	0.0571	49.9- 99.9	72.0	
1	5	4.768	4.768	0.000	8113434	0.0574	84.1- 134.1	104.1	
			Average of Peak Amounts =			0.0583			
2	6	4.413	4.413	0.000	3272046	0.0571		100.0	
2	7	4.918	4.918	0.000	4995814	0.0563	124.0- 184.0	152.7	
2	8	5.179	5.179	0.000	3483982	0.0573	76.3- 136.3	106.5	
2	9	5.562	5.562	0.000	3718883	0.0550	87.0- 147.0	113.7	
2	10	5.779	5.779	0.000	4668113	0.0538	121.1- 181.1	142.7	
			Average of Peak Amounts =			0.0559			
						RPD = 4.16			

QC Flag Legend

Review Flags
M - Manually Integrated

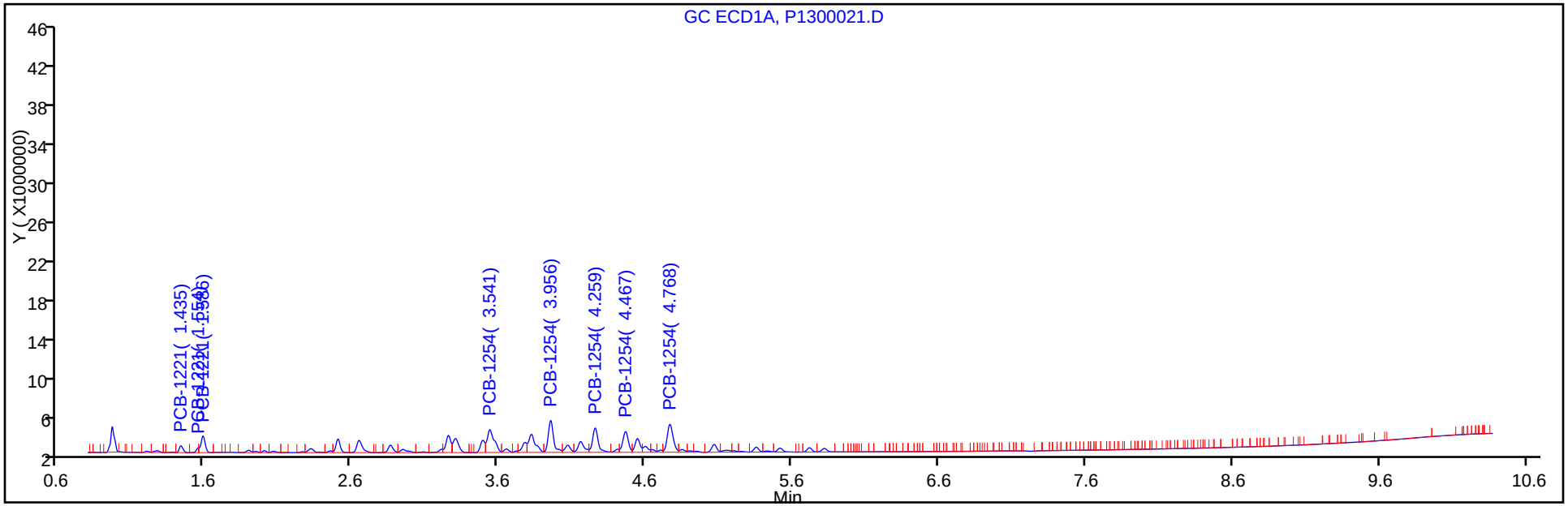
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

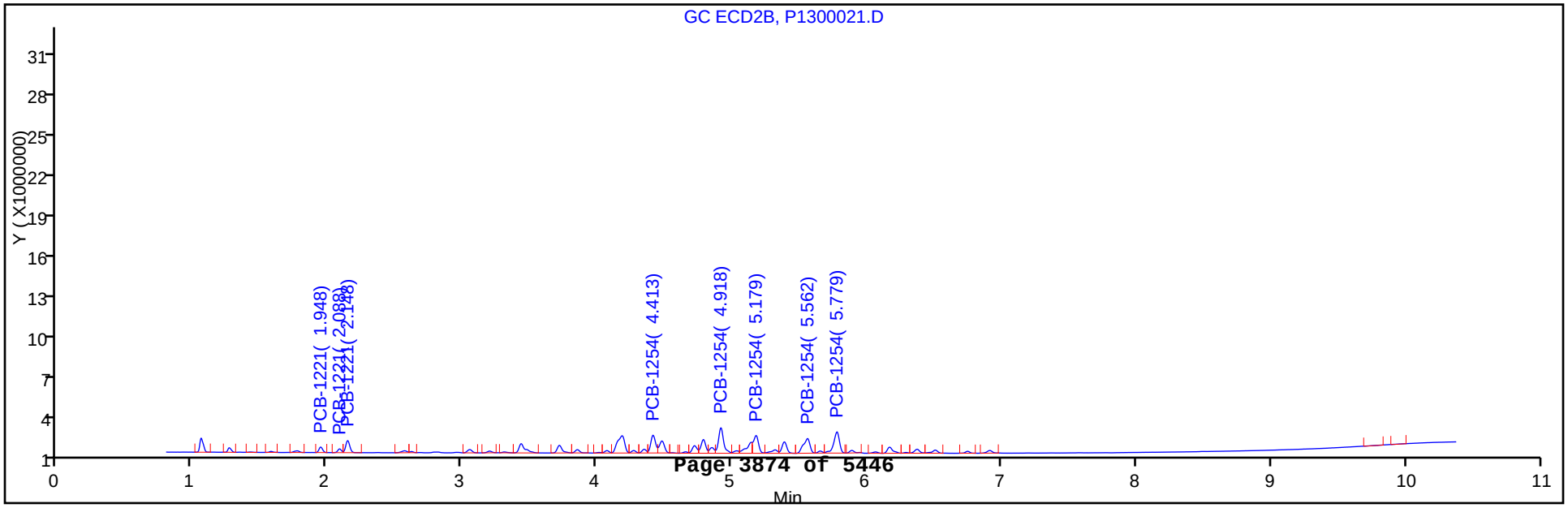
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Injection Date:	21-Oct-2012 21:21:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



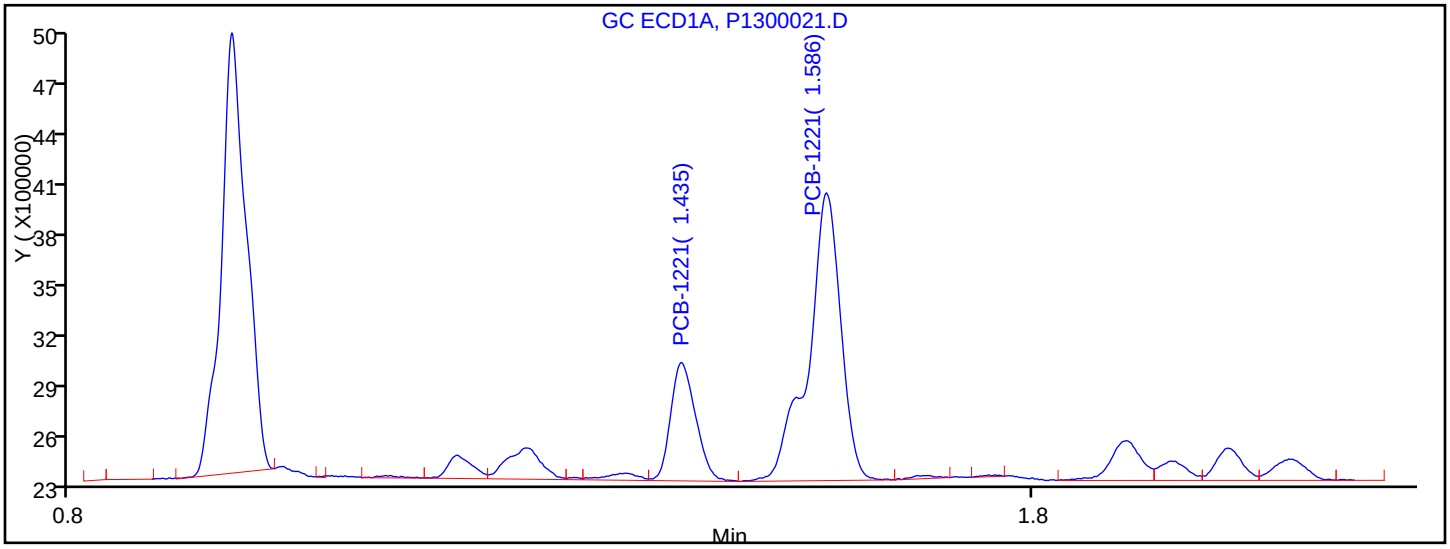
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300021.D

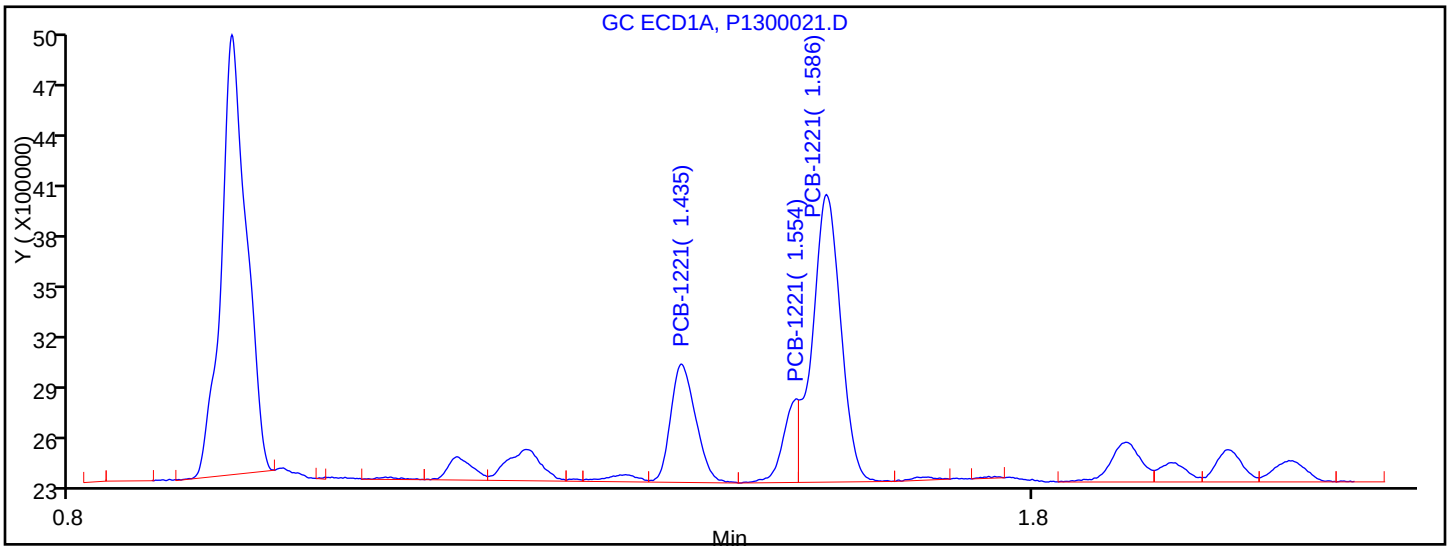
Injection Date:	21-Oct-2012 21:21:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 1263825	
RT = 1.585	Response = 0	M
RT = 1.586	Response = 4000527	M



Manual Integration Results

RT = 1.435	Response = 1263825	
RT = 1.554	Response = 525324	M
RT = 1.586	Response = 3475288	M

Reviewer: hassl, 22-Oct-2012 09:04:40

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D
Lims ID: STD01 AR2154 Client ID:
Inject. Date: 21-Oct-2012 21:36:53 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-022
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 62068 Lims Sample ID: 22
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:18 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:05:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	2358951	0.1092		100.0	
1	3	1.554	1.554	0.000	839041	0.0753	25.0- 75.0	35.6	M
1	4	1.587	1.586	0.001	6555686	0.1150	233.2- 283.2	277.9	M
			Average of Peak Amounts =			0.0998			
2	4	1.948	1.948	0.000	1450065	0.1095		100.0	
2	5	2.088	2.088	0.000	967199	0.1101	37.0- 97.0	66.7	
2	6	2.149	2.148	0.001	3453182	0.1087	210.7- 270.7	238.1	
			Average of Peak Amounts =			0.1094			
						RPD = 9.17			
8 PCB-1254									M
1	100	3.541	3.541	0.000	12364440	0.0952		100.0	
1	2	3.956	3.956	0.000	13618696	0.0969	82.6- 132.6	110.1	
1	3	4.260	4.259	0.001	10085759	0.0880	64.9- 114.9	81.6	
1	4	4.468	4.467	0.001	9876544	0.1005	49.9- 99.9	79.9	
1	5	4.770	4.768	0.002	13328494	0.0943	84.1- 134.1	107.8	
			Average of Peak Amounts =			0.0950			
2	6	4.414	4.413	0.001	6083673	0.1062		100.0	
2	7	4.918	4.918	0.000	9283736	0.1047	124.0- 184.0	152.6	
2	8	5.179	5.179	0.000	6036986	0.0993	76.3- 136.3	99.2	M
2	9	5.560	5.562	-0.002	7048523	0.1043	87.0- 147.0	115.9	
2	10	5.779	5.779	0.000	9111373	0.1049	121.1- 181.1	149.8	
			Average of Peak Amounts =			0.1039			
						RPD = 8.97			

QC Flag Legend

Review Flags
M - Manually Integrated

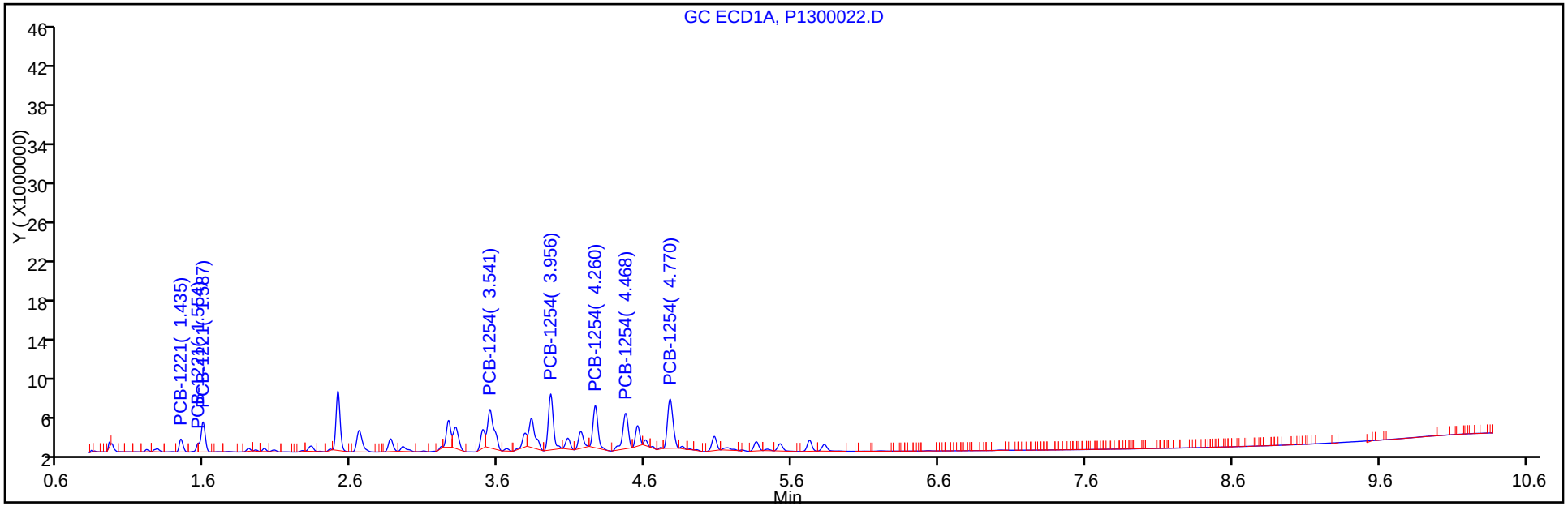
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

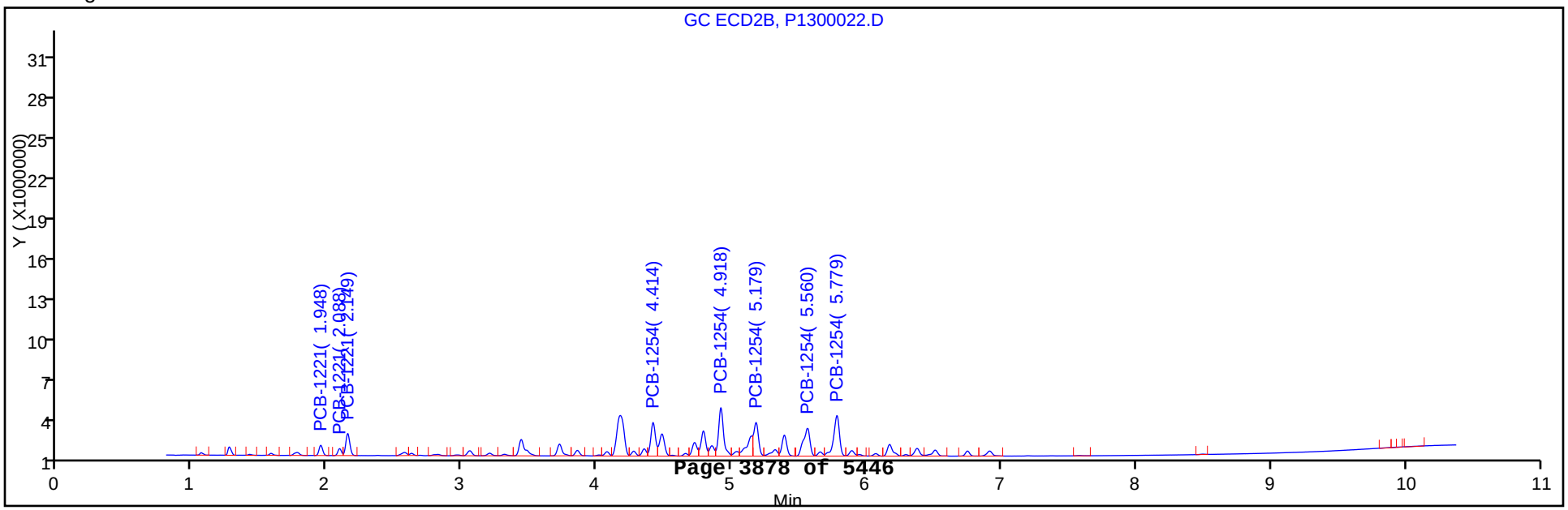
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



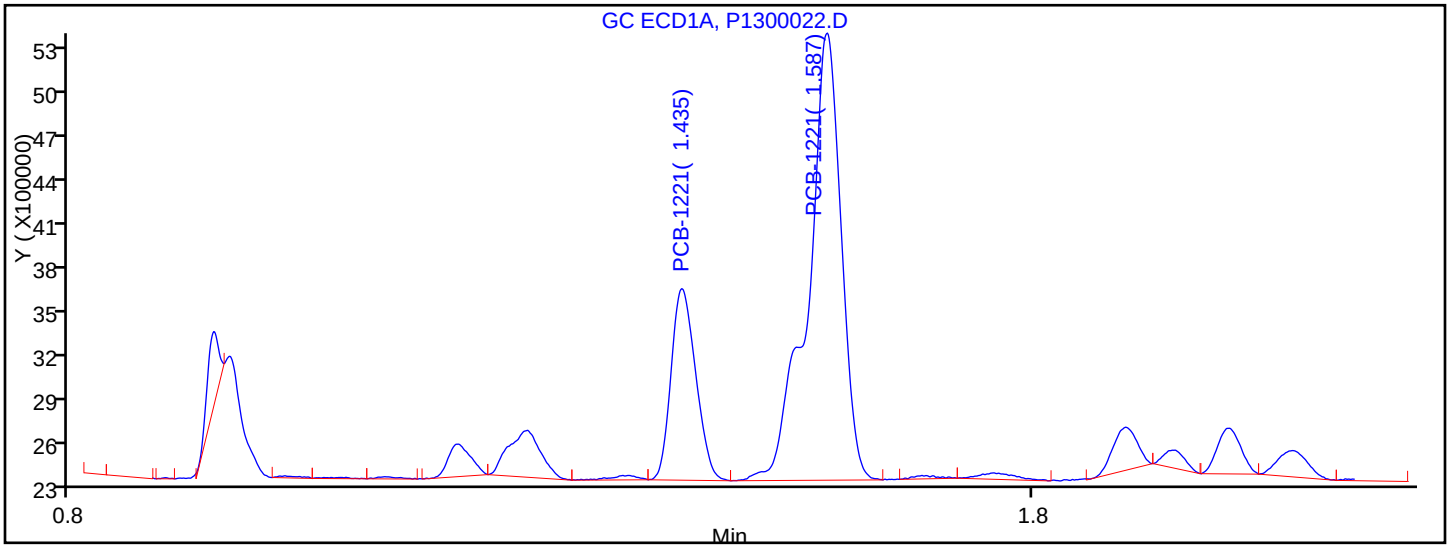
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

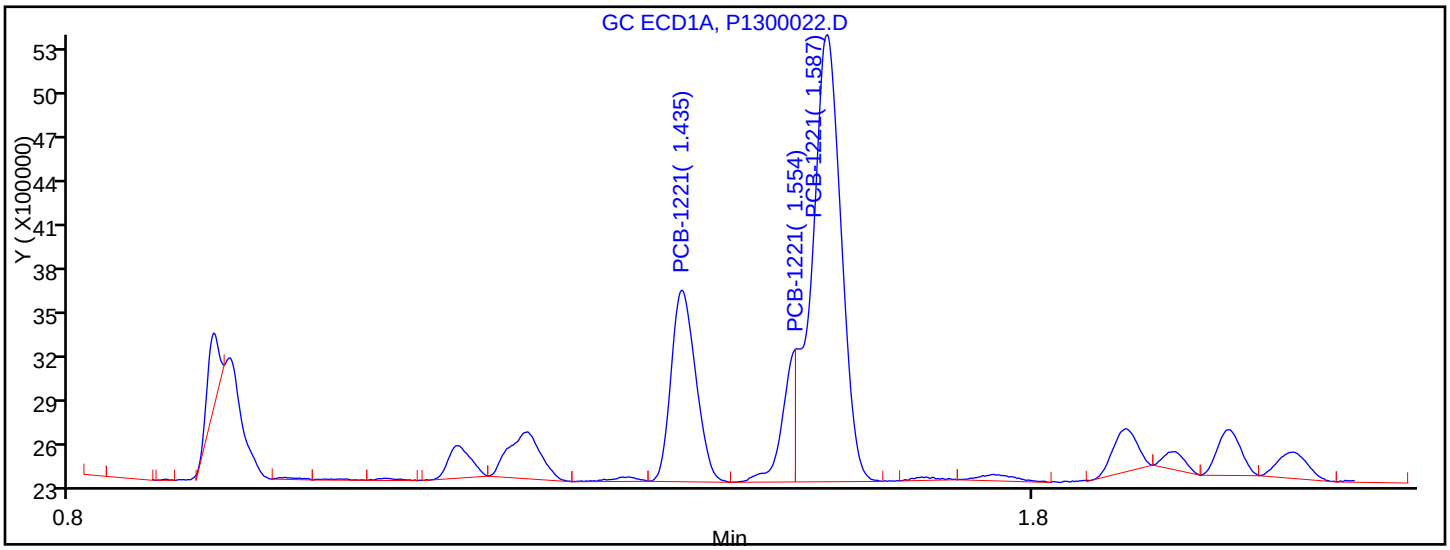
Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 2358951	
RT = 1.586	Response = 0	M
RT = 1.587	Response = 7394792	M



Manual Integration Results

RT = 1.435	Response = 2358951	
RT = 1.554	Response = 839041	M
RT = 1.587	Response = 6555686	M

Reviewer: hassl, 22-Oct-2012 09:05:12

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D
Lims ID: STD02 AR2154 Client ID:
Inject. Date: 21-Oct-2012 21:51:47 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-023
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 62068 Lims Sample ID: 23
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:17 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:05:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	4429217	0.2050		100.0	
1	3	1.555	1.554	0.001	2214538	0.2371	25.0- 75.0	50.0	M
1	4	1.586	1.586	0.000	11437477	0.2007	233.2- 283.2	258.2	M
			Average of Peak Amounts =			0.2143			
2	4	1.947	1.948	-0.001	2669812	0.2015		100.0	
2	5	2.087	2.088	-0.001	1788151	0.2035	37.0- 97.0	67.0	
2	6	2.147	2.148	-0.001	6425697	0.2022	210.7- 270.7	240.7	
			Average of Peak Amounts =			0.2024			
						RPD = 5.67			
8 PCB-1254									M
1	100	3.541	3.541	0.000	27104495	0.2087		100.0	
1	2	3.955	3.956	-0.001	29165381	0.2074	82.6- 132.6	107.6	
1	3	4.259	4.259	0.000	24377005	0.2128	64.9- 114.9	89.9	
1	4	4.466	4.467	-0.001	20301068	0.2066	49.9- 99.9	74.9	
1	5	4.767	4.768	-0.001	29571702	0.2093	84.1- 134.1	109.1	
			Average of Peak Amounts =			0.2089			
2	6	4.414	4.413	0.001	11477419	0.2004		100.0	
2	7	4.917	4.918	-0.001	17676021	0.1994	124.0- 184.0	154.0	
2	8	5.177	5.179	-0.002	12195047	0.2006	76.3- 136.3	106.3	M
2	9	5.560	5.562	-0.002	13430677	0.1988	87.0- 147.0	117.0	
2	10	5.778	5.779	-0.001	17343772	0.1998	121.1- 181.1	151.1	
			Average of Peak Amounts =			0.1998			
						RPD = 4.48			

QC Flag Legend

Review Flags
M - Manually Integrated

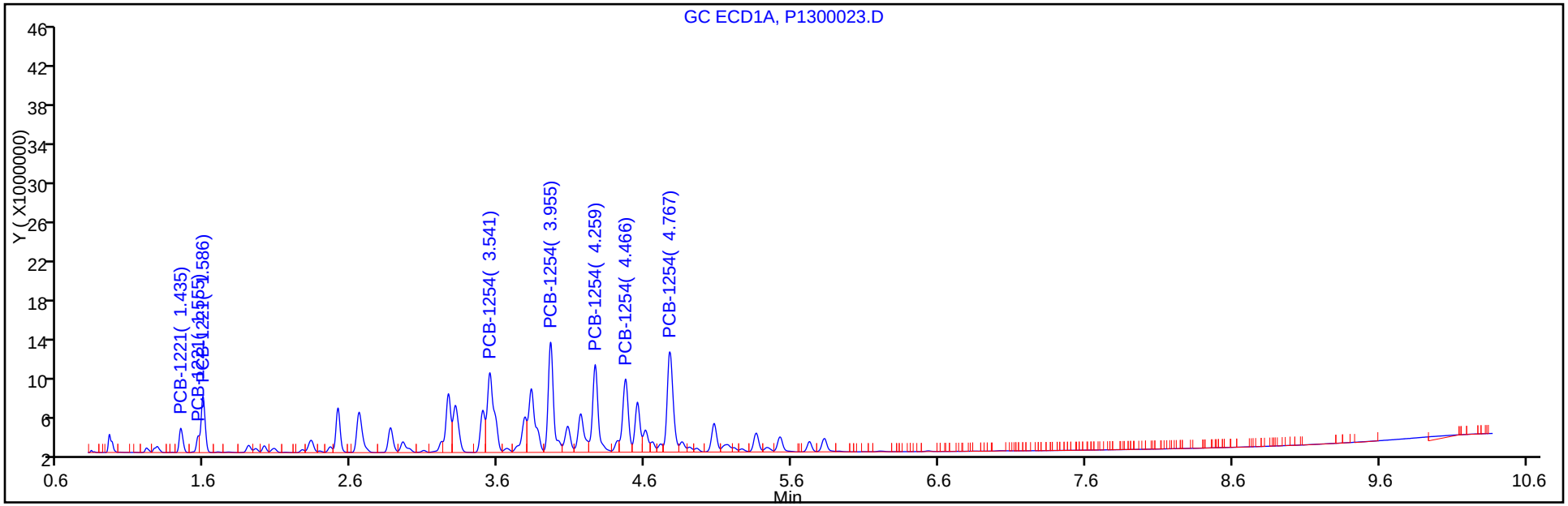
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

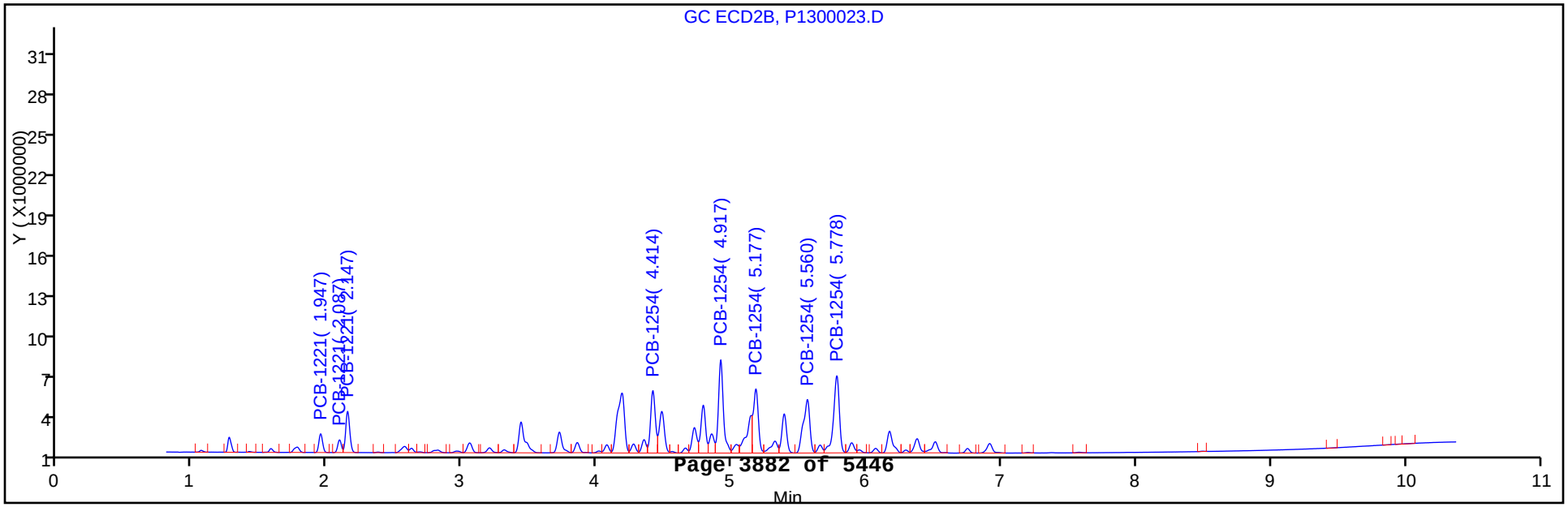
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



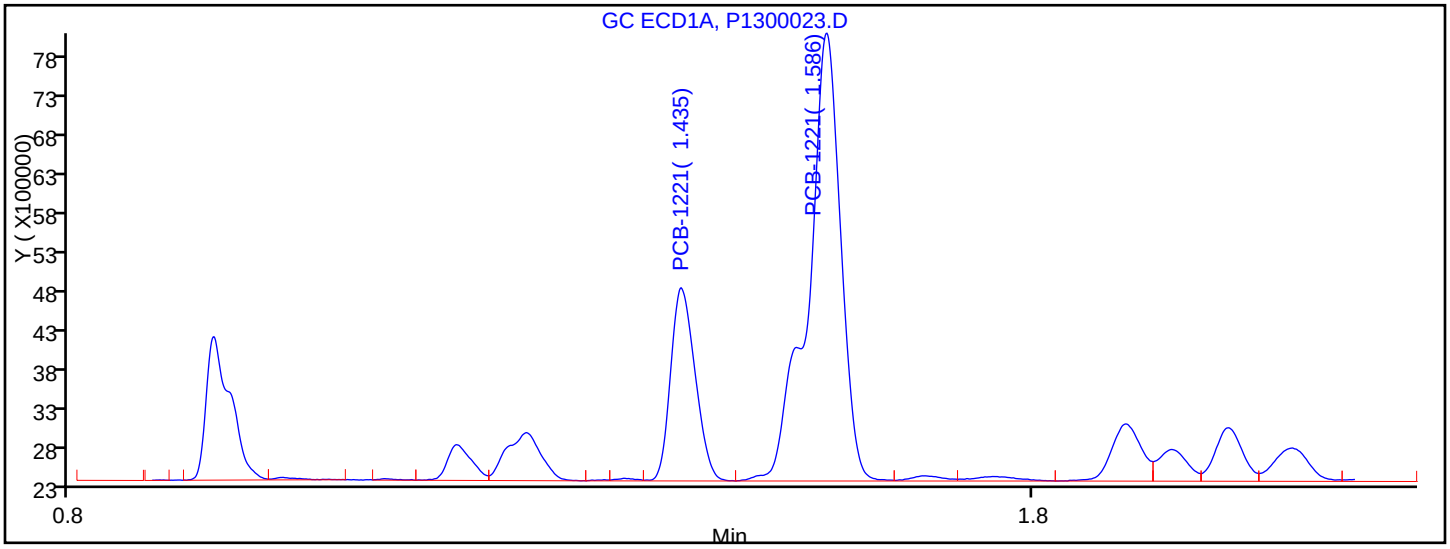
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

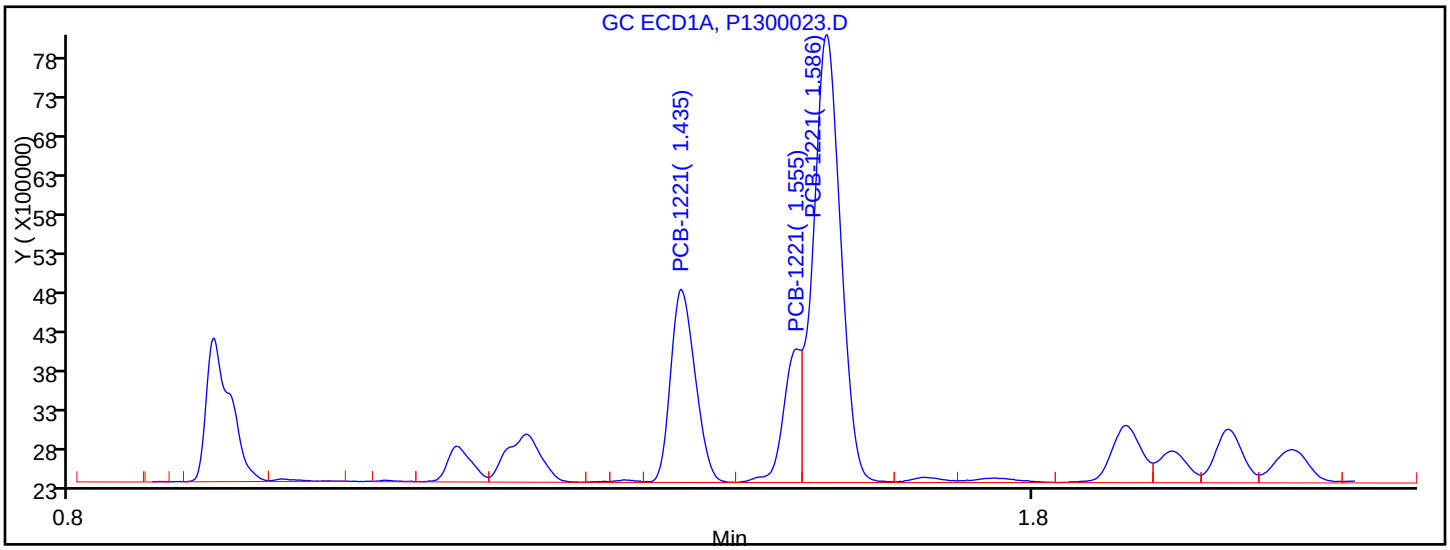
Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 4429217	
RT = 1.586	Response = 0	M
RT = 1.586	Response = 13652016	M



Manual Integration Results

RT = 1.435	Response = 4429217	
RT = 1.555	Response = 2214538	M
RT = 1.586	Response = 11437477	M

Reviewer: hassl, 22-Oct-2012 09:06:40

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D
Lims ID: STD05 AR2154 Client ID:
Inject. Date: 21-Oct-2012 22:06:41 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0014228-024
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 62068 Lims Sample ID: 24
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:15 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:07:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	10429868	0.4826		100.0	
1	3	1.559	1.554	0.005	4399813	0.5170	25.0- 75.0	42.2	M
1	4	1.587	1.586	0.001	26890493	0.4718	233.2- 283.2	257.8	M
			Average of Peak Amounts =			0.4905			
2	4	1.948	1.948	0.000	6330644	0.4779		100.0	
2	5	2.088	2.088	0.000	4167691	0.4744	37.0- 97.0	65.8	
2	6	2.148	2.148	0.000	15087116	0.4748	210.7- 270.7	238.3	
			Average of Peak Amounts =			0.4757			
						RPD = 3.06			
8 PCB-1254									
1	100	3.542	3.541	0.001	64370551	0.4957		100.0	
1	2	3.956	3.956	0.000	69720842	0.4959	82.6- 132.6	108.3	
1	3	4.260	4.259	0.001	57910295	0.5054	64.9- 114.9	90.0	
1	4	4.467	4.467	0.000	48777658	0.4963	49.9- 99.9	75.8	
1	5	4.769	4.768	0.001	71037028	0.5027	84.1- 134.1	110.4	
			Average of Peak Amounts =			0.4992			
2	6	4.414	4.413	0.001	27491372	0.4800		100.0	
2	7	4.919	4.918	0.001	43106896	0.4862	124.0- 184.0	156.8	
2	8	5.179	5.179	0.000	29791558	0.4900	76.3- 136.3	108.4	
2	9	5.561	5.562	-0.001	32792131	0.4854	87.0- 147.0	119.3	
2	10	5.779	5.779	0.000	42777108	0.4927	121.1- 181.1	155.6	
			Average of Peak Amounts =			0.4869			
						RPD = 2.50			

QC Flag Legend

Review Flags
M - Manually Integrated

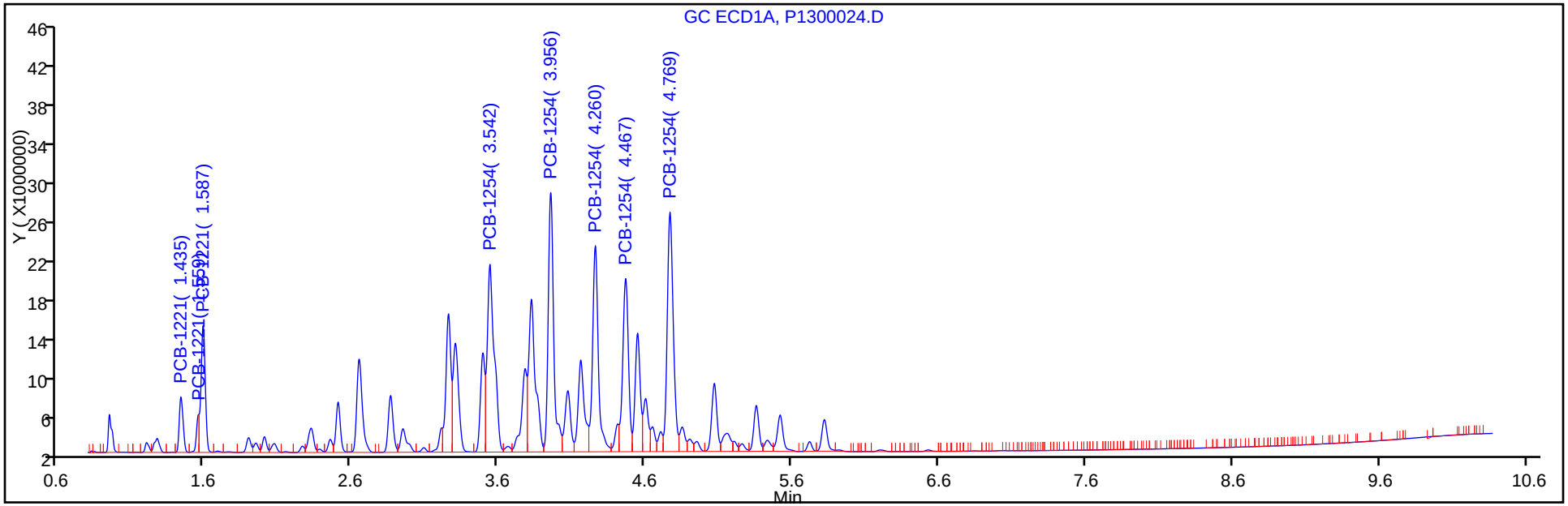
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

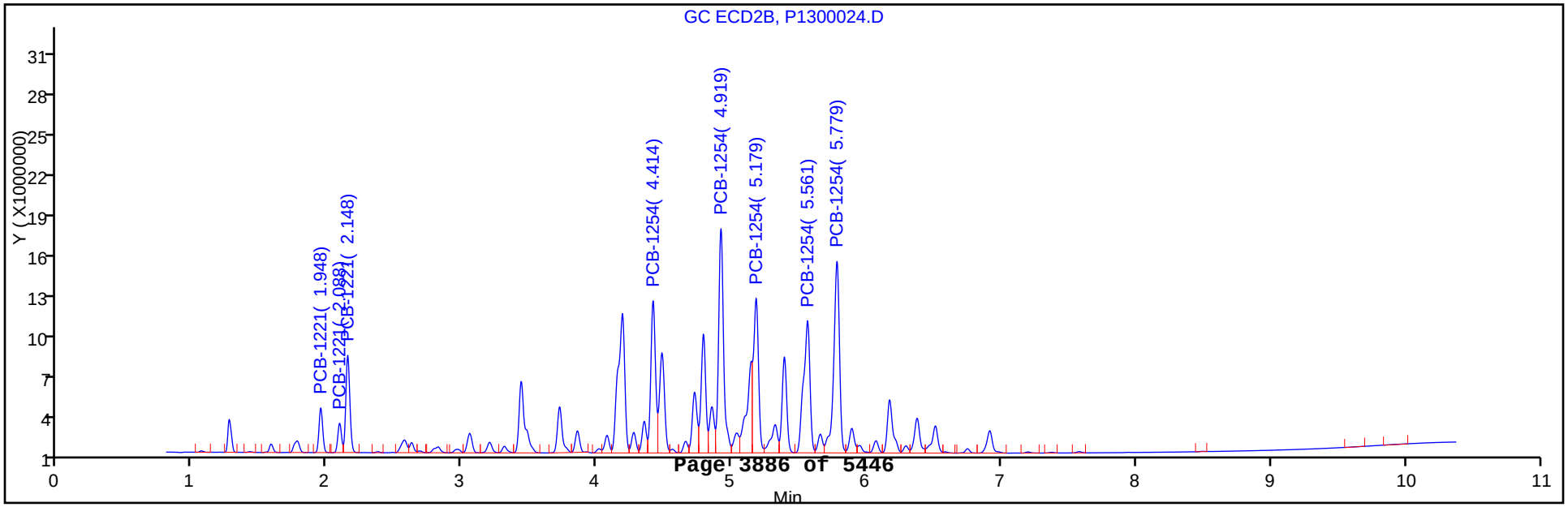
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D

Injection Date:	21-Oct-2012 22:06:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



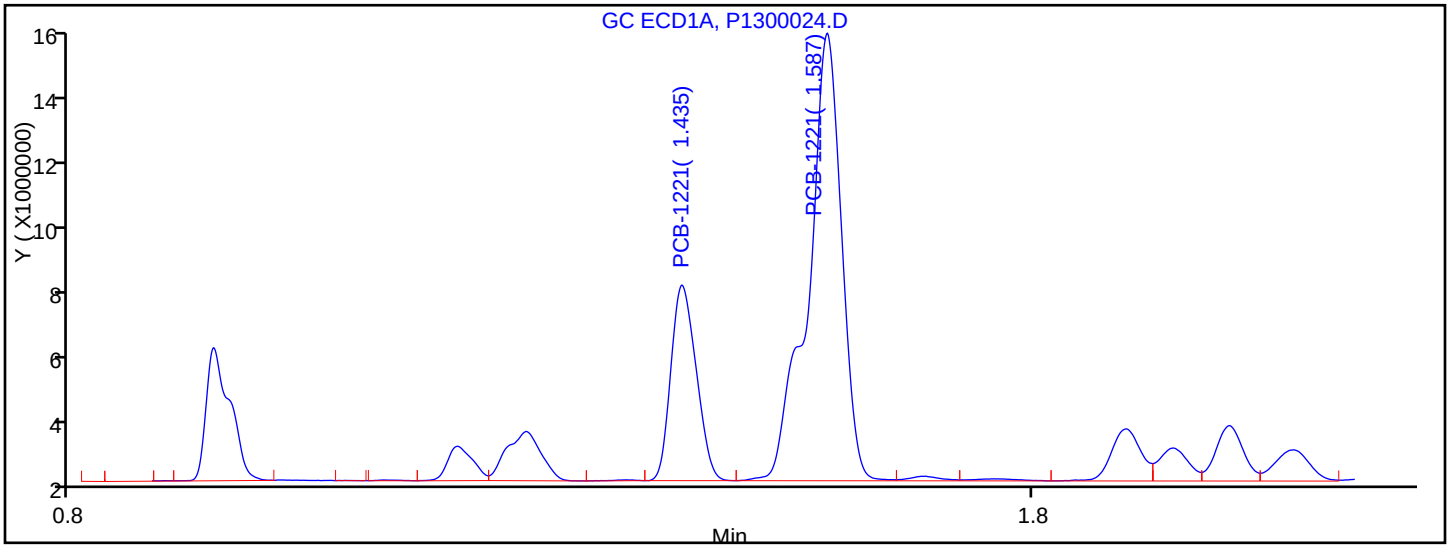
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D

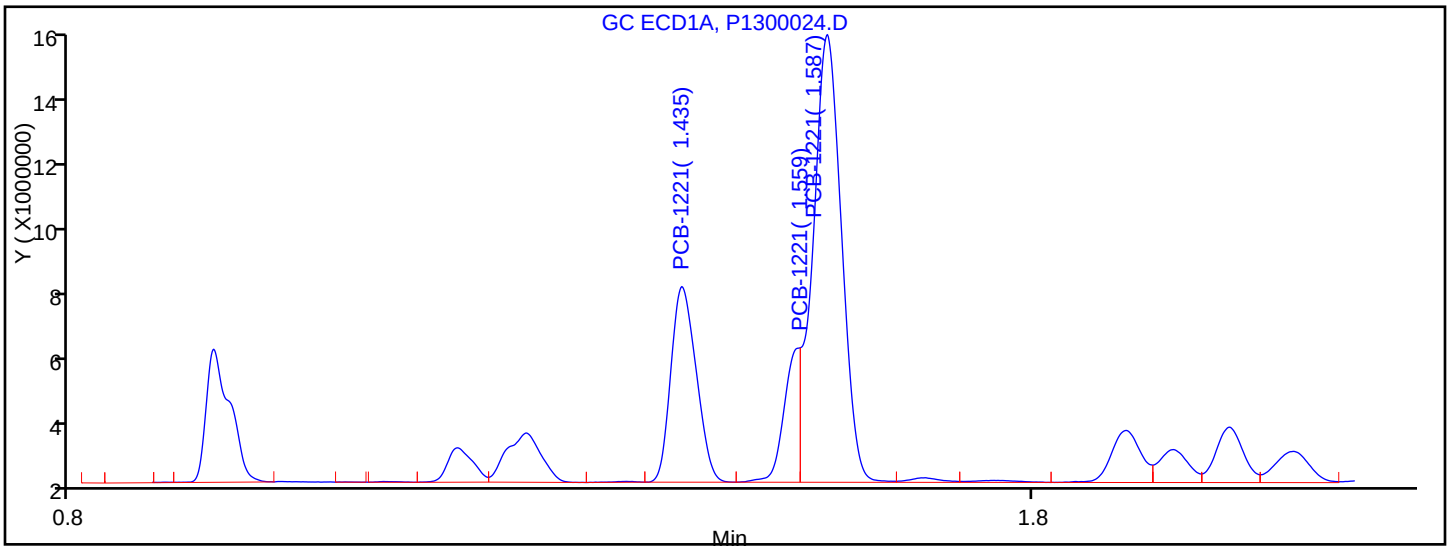
Injection Date:	21-Oct-2012 22:06:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 10429868	
RT = 1.586	Response = 0	M
RT = 1.587	Response = 31290328	M



Manual Integration Results

RT = 1.435	Response = 10429868	
RT = 1.559	Response = 4399813	M
RT = 1.587	Response = 26890493	M

Reviewer: hassl, 22-Oct-2012 09:07:11

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D
Lims ID: STD1 AR2154 Client ID:
Inject. Date: 21-Oct-2012 22:21:34 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014228-025
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 62068 Lims Sample ID: 25
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:14 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:07:43

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.436	1.435	0.001	19416966	0.8985		100.0	
1	3	1.558	1.554	0.004	7440731	0.9737	25.0- 75.0	38.3	M
1	4	1.586	1.586	0.000	49419050	0.8671	233.2- 283.2	254.5	M
			Average of Peak Amounts =			0.9131			
2	4	1.948	1.948	0.000	11957868	0.9027		100.0	
2	5	2.088	2.088	0.000	7792949	0.8870	37.0- 97.0	65.2	
2	6	2.148	2.148	0.000	28432724	0.8949	210.7- 270.7	237.8	
			Average of Peak Amounts =			0.8949			
						RPD = 2.02			
8 PCB-1254									
1	100	3.541	3.541	0.000	120561612	0.9284		100.0	
1	2	3.956	3.956	0.000	131664859	0.9364	82.6- 132.6	109.2	
1	3	4.258	4.259	-0.001	110520159	0.9646	64.9- 114.9	91.7	
1	4	4.466	4.467	-0.001	92256552	0.9387	49.9- 99.9	76.5	
1	5	4.768	4.768	0.000	134779062	0.9537	84.1- 134.1	111.8	
			Average of Peak Amounts =			0.9444			
2	6	4.415	4.413	0.002	52966523	0.9249		100.0	
2	7	4.917	4.918	-0.001	83028670	0.9364	124.0- 184.0	156.8	
2	8	5.179	5.179	0.000	58426984	0.9610	76.3- 136.3	110.3	
2	9	5.561	5.562	-0.001	64281415	0.9515	87.0- 147.0	121.4	
2	10	5.779	5.779	0.000	82957319	0.9555	121.1- 181.1	156.6	
			Average of Peak Amounts =			0.9459			
						RPD = 0.16			

QC Flag Legend

Review Flags
M - Manually Integrated

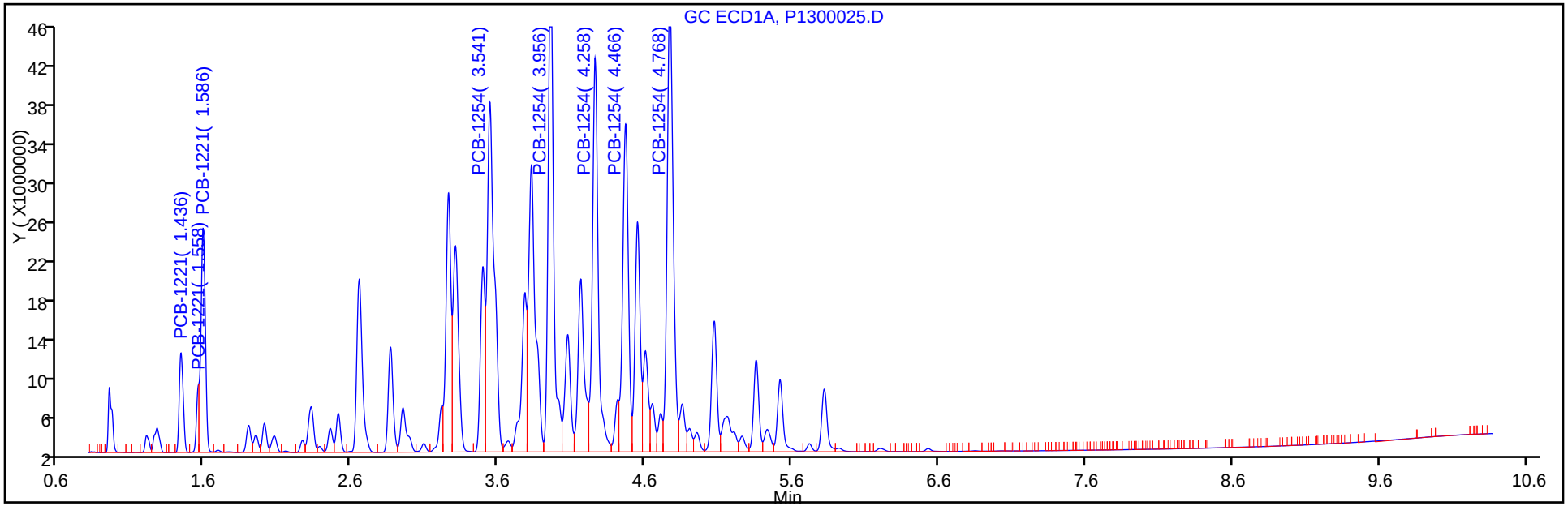
Report Date: 22-Oct-2012 09:18:14 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

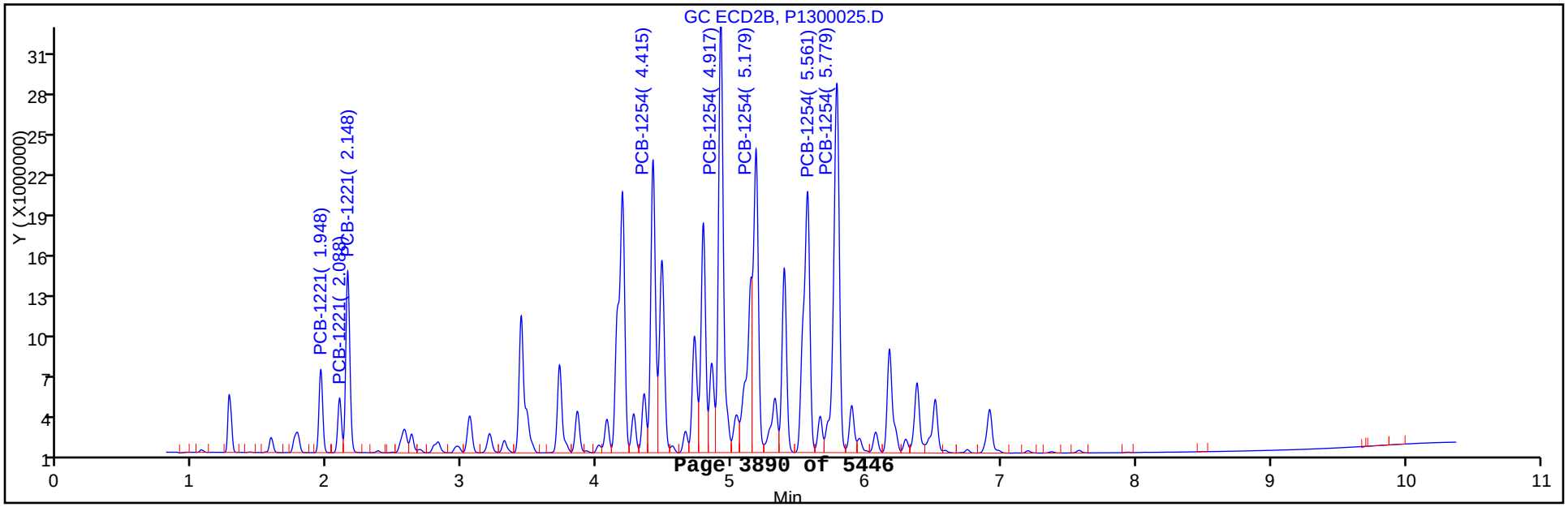
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

Injection Date:	21-Oct-2012 22:21:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



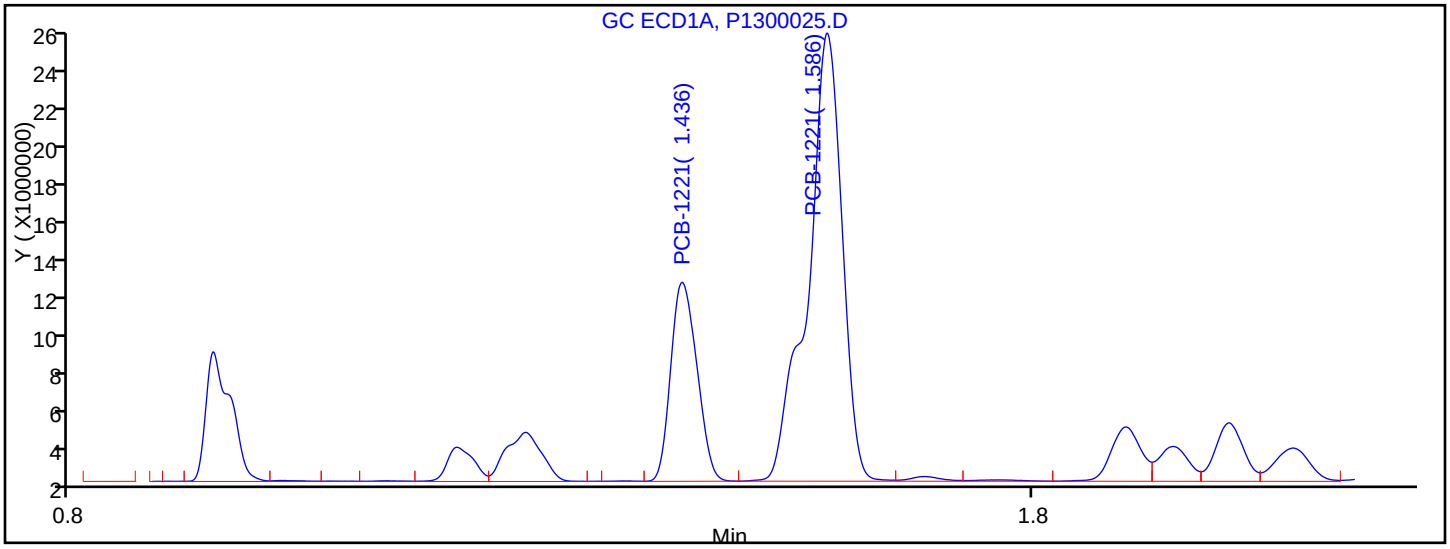
Report Date: 22-Oct-2012 09:18:15 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

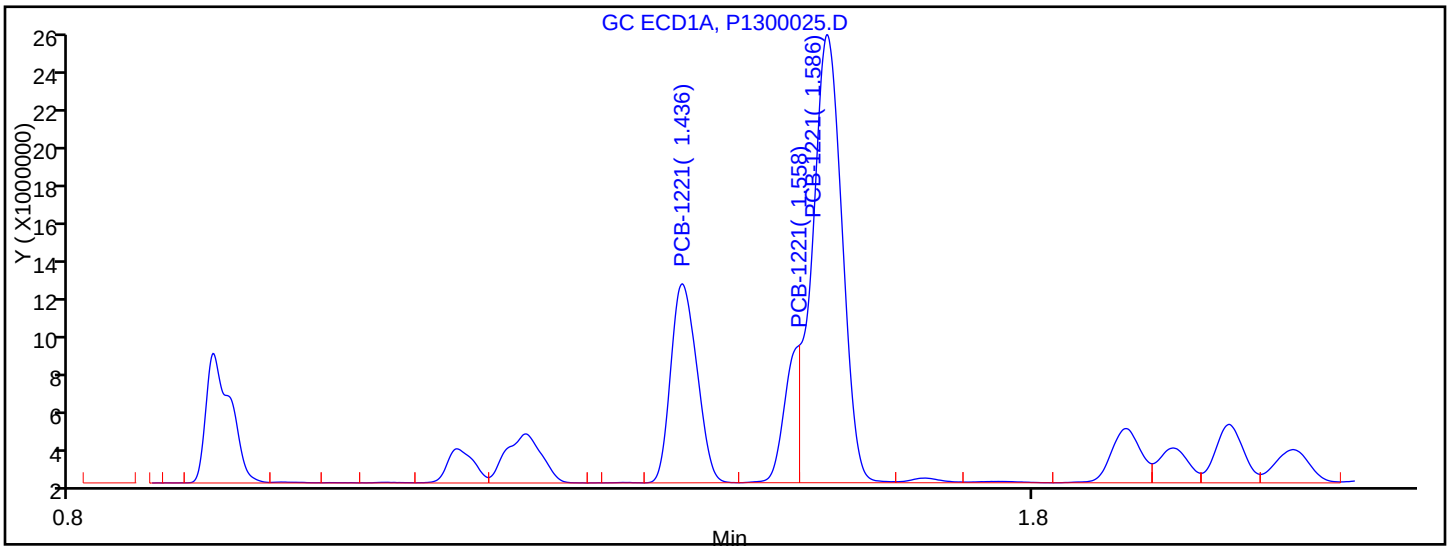
Injection Date:	21-Oct-2012 22:21:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.436	Response = 19416966	
RT = 1.586	Response = 0	M
RT = 1.586	Response = 56859802	M



Manual Integration Results

RT = 1.436	Response = 19416966	
RT = 1.558	Response = 7440731	M
RT = 1.586	Response = 49419050	M

Reviewer: hassl, 22-Oct-2012 09:07:43

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D
Lims ID: STD2 AR2154 Client ID:
Inject. Date: 21-Oct-2012 22:36:27 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0014228-026
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 62068 Lims Sample ID: 26
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:12 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:08:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	36752731	1.70		100.0	
1	3	1.555	1.554	0.001	11928209	2.01	25.0- 75.0	32.5	M
1	4	1.587	1.586	0.001	92993540	1.63	233.2- 283.2	253.0	M
			Average of Peak Amounts =			1.78			
2	4	1.948	1.948	0.000	23306725	1.76		100.0	
2	5	2.088	2.088	0.000	14898822	1.70	37.0- 97.0	63.9	
2	6	2.148	2.148	0.000	55006290	1.73	210.7- 270.7	236.0	
			Average of Peak Amounts =			1.73			
						RPD = 2.97			
8 PCB-1254									
1	100	3.541	3.541	0.000	229647270	1.77		100.0	
1	2	3.955	3.956	-0.001	250140664	1.78	82.6- 132.6	108.9	
1	3	4.258	4.259	-0.001	210197993	1.83	64.9- 114.9	91.5	
1	4	4.466	4.467	-0.001	174799795	1.78	49.9- 99.9	76.1	
1	5	4.768	4.768	0.000	255265155	1.81	84.1- 134.1	111.2	
			Average of Peak Amounts =			1.79			
2	6	4.413	4.413	0.000	103997526	1.82		100.0	
2	7	4.917	4.918	-0.001	163223319	1.84	124.0- 184.0	156.9	
2	8	5.178	5.179	-0.001	111493989	1.83	76.3- 136.3	107.2	
2	9	5.561	5.562	-0.001	126925365	1.88	87.0- 147.0	122.0	
2	10	5.779	5.779	0.000	162480349	1.87	121.1- 181.1	156.2	
			Average of Peak Amounts =			1.85			
						RPD = 3.01			

QC Flag Legend

Review Flags
M - Manually Integrated

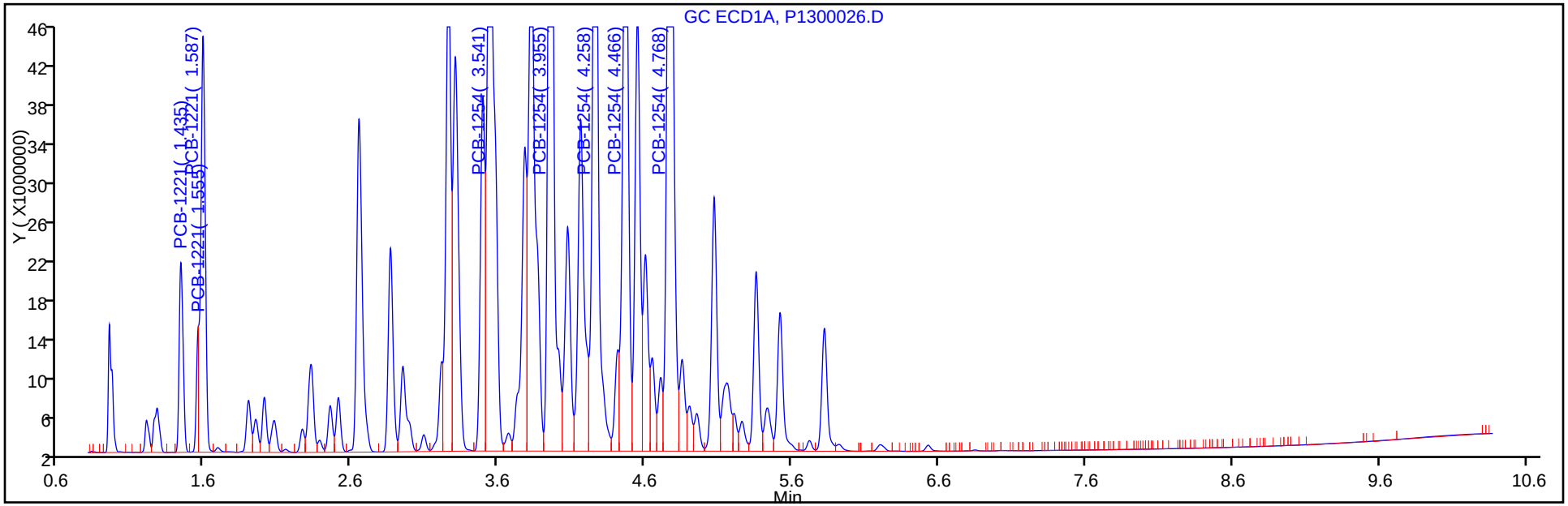
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

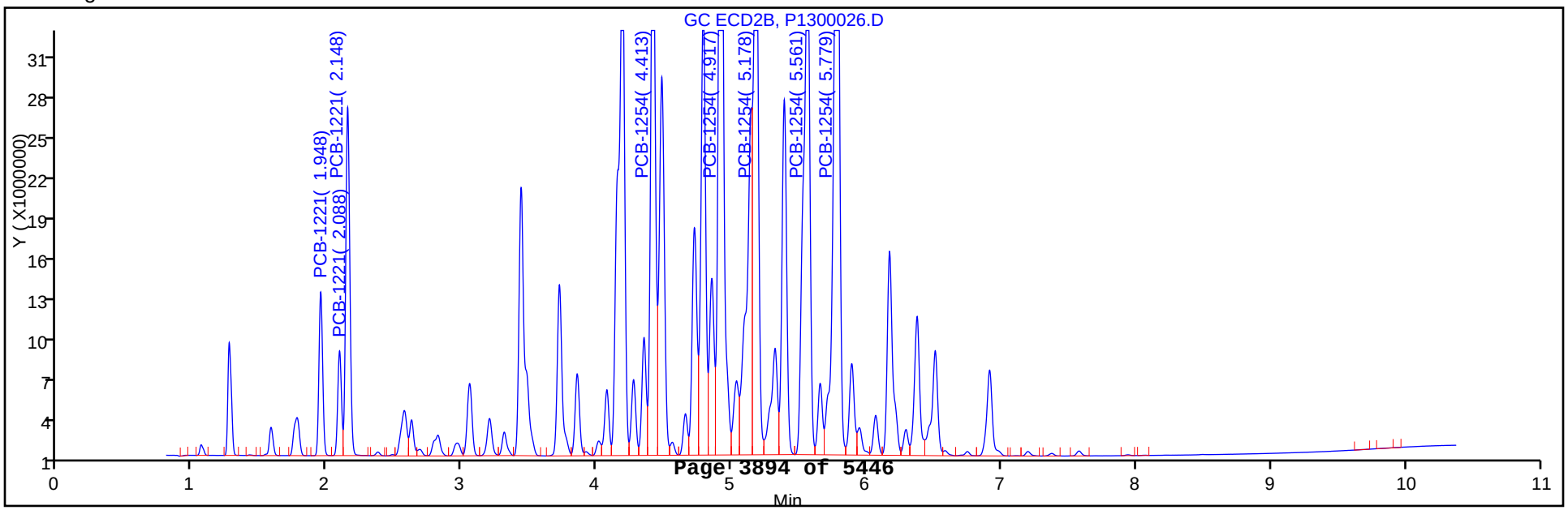
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

Injection Date:	21-Oct-2012 22:36:27	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



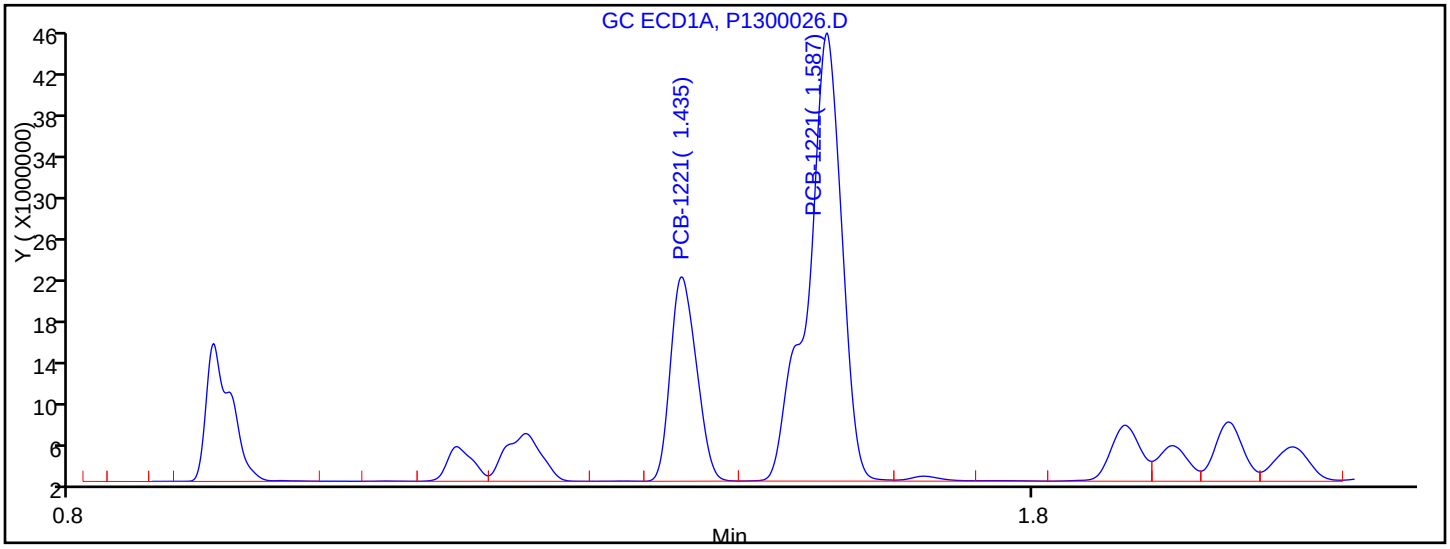
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

Injection Date:	21-Oct-2012 22:36:27	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A

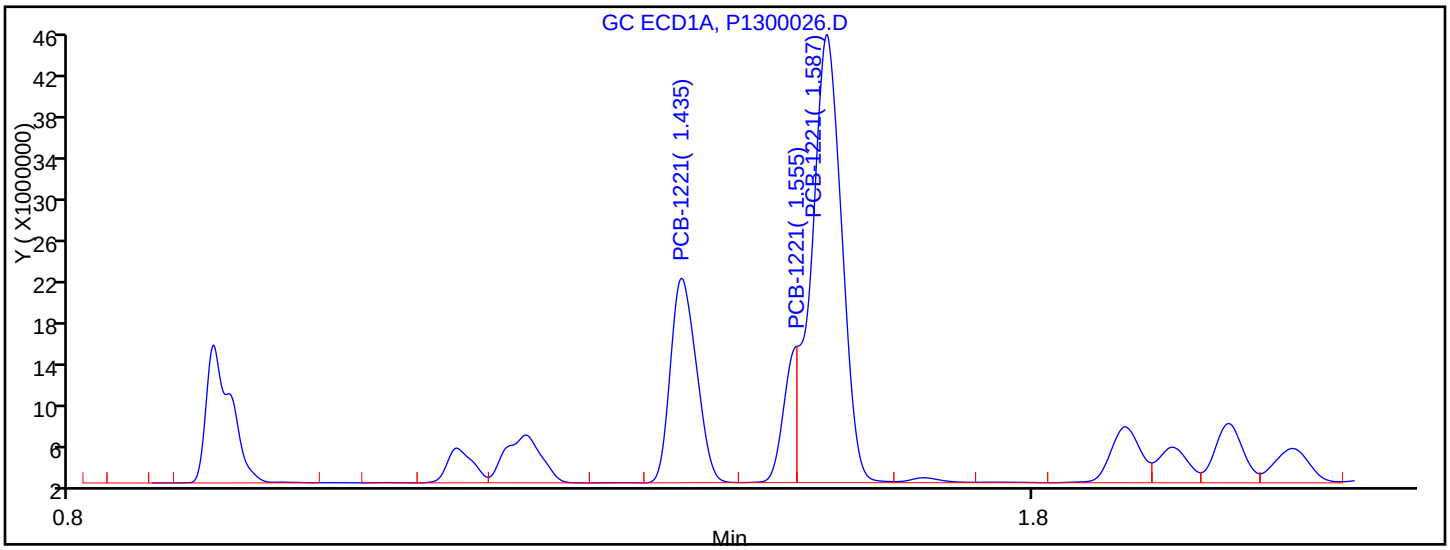


Processing Integration Results

RT = 1.435 Response = 36752731

RT = 1.586 Response = 0 M

RT = 1.587 Response = 104921716 M



Manual Integration Results

RT = 1.435 Response = 36752731

RT = 1.555 Response = 11928209 M

RT = 1.587 Response = 92993540 M

Reviewer: hassl, 22-Oct-2012 09:08:15

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 21:21 Calibration End Date: 10/21/2012 22:36 Calibration ID: 12031

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/21	P1300021.D
Level 2	STD01 240-62068/22	P1300022.D
Level 3	STD02 240-62068/23	P1300023.D
Level 4	STD05 240-62068/24	P1300024.D
Level 5	STD1 240-62068/25	P1300025.D
Level 6	STD2 240-62068/26	P1300026.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	1.948	1.948	1.947	1.948	1.948	1.948					1.898 - 1.998	1.948
PCB-1221 Peak 2	2.088	2.088	2.087	2.088	2.088	2.088					2.038 - 2.138	2.088
PCB-1221 Peak 3	2.148	2.149	2.147	2.148	2.148	2.148					2.098 - 2.198	2.148
PCB-1254 Peak 1	4.413	4.414	4.414	4.414	4.415	4.413					4.363 - 4.463	4.414
PCB-1254 Peak 2	4.918	4.918	4.917	4.919	4.917	4.917					4.868 - 4.968	4.918
PCB-1254 Peak 3	5.179	5.179	5.177	5.179	5.179	5.178					5.129 - 5.229	5.179
PCB-1254 Peak 4	5.562	5.560	5.560	5.561	5.561	5.561					5.512 - 5.612	5.561
PCB-1254 Peak 5	5.779	5.779	5.778	5.779	5.779	5.779					5.729 - 5.829	5.779

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 21:21 Calibration End Date: 10/21/2012 22:36 Calibration ID: 12031

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/21	P1300021.D
Level 2	STD01 240-62068/22	P1300022.D
Level 3	STD02 240-62068/23	P1300023.D
Level 4	STD05 240-62068/24	P1300024.D
Level 5	STD1 240-62068/25	P1300025.D
Level 6	STD2 240-62068/26	P1300026.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1221 Peak 1	15357720 11957868	14500650 11653363	13349060	12661288	Ave		13246658.1				11.0		20.0			
PCB-1221 Peak 2	10523600 7792949	9671990 7449411	8940755	8335382	Ave		8785681.17				13.0		20.0			
PCB-1221 Peak 3	37866580 28432724	34531820 27503145	32128485	30174232	Ave		31772831.0				12.0		20.0			
PCB-1254 Peak 1	65440920 52966523	60836730 51998763	57387095	54982744	Ave		57268795.8				8.9		20.0			
PCB-1254 Peak 2	99916280 83028670	92837360 81611660	88380105	86213792	Ave		88664644.4				7.7		20.0			
PCB-1254 Peak 3	69679640 58426984	60369860 55746995	60975235	59583116	Ave		60796971.6				7.8		20.0			
PCB-1254 Peak 4	74377660 64281415	70485230 63462682	67153385	65584262	Ave		67557439.1				6.2		20.0			
PCB-1254 Peak 5	93362260 82957319	91113730 81240175	86718860	85554216	Ave		86824426.6				5.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 21:21 Calibration End Date: 10/21/2012 22:36 Calibration ID: 12031

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/21	P1300021.D
Level 2	STD01 240-62068/22	P1300022.D
Level 3	STD02 240-62068/23	P1300023.D
Level 4	STD05 240-62068/24	P1300024.D
Level 5	STD1 240-62068/25	P1300025.D
Level 6	STD2 240-62068/26	P1300026.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	767886 23306725	1450065	2669812	6330644	11957868	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	Ave	526180 14898822	967199	1788151	4167691	7792949	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	Ave	1893329 55006290	3453182	6425697	15087116	28432724	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	Ave	3272046 103997526	6083673	11477419	27491372	52966523	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	Ave	4995814 163223319	9283736	17676021	43106896	83028670	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	Ave	3483982 111493989	6036986	12195047	29791558	58426984	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	Ave	3718883 126925365	7048523	13430677	32792131	64281415	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	Ave	4668113 162480349	9111373	17343772	42777108	82957319	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300021.D
Lims ID: STD005 AR2154 Client ID:
Inject. Date: 21-Oct-2012 21:21:59 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014228-021
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 62068 Lims Sample ID: 21
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:20 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:04:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	1263825	0.0585		100.0	
1	3	1.554	1.554	0.000	525324	0.0396	25.0- 75.0	41.6	M
1	4	1.586	1.586	0.000	3475288	0.0610	233.2- 283.2	275.0	M
			Average of Peak Amounts =			0.0530			
2	4	1.948	1.948	0.000	767886	0.0580		100.0	
2	5	2.088	2.088	0.000	526180	0.0599	37.0- 97.0	68.5	
2	6	2.148	2.148	0.000	1893329	0.0596	210.7- 270.7	246.6	
			Average of Peak Amounts =			0.0591			
						RPD = 10.91			
8 PCB-1254									
1	100	3.541	3.541	0.000	7791640	0.0600		100.0	
1	2	3.956	3.956	0.000	8272822	0.0588	82.6- 132.6	106.2	
1	3	4.259	4.259	0.000	6662861	0.0582	64.9- 114.9	85.5	
1	4	4.467	4.467	0.000	5609423	0.0571	49.9- 99.9	72.0	
1	5	4.768	4.768	0.000	8113434	0.0574	84.1- 134.1	104.1	
			Average of Peak Amounts =			0.0583			
2	6	4.413	4.413	0.000	3272046	0.0571		100.0	
2	7	4.918	4.918	0.000	4995814	0.0563	124.0- 184.0	152.7	
2	8	5.179	5.179	0.000	3483982	0.0573	76.3- 136.3	106.5	
2	9	5.562	5.562	0.000	3718883	0.0550	87.0- 147.0	113.7	
2	10	5.779	5.779	0.000	4668113	0.0538	121.1- 181.1	142.7	
			Average of Peak Amounts =			0.0559			
						RPD = 4.16			

QC Flag Legend

Review Flags
M - Manually Integrated

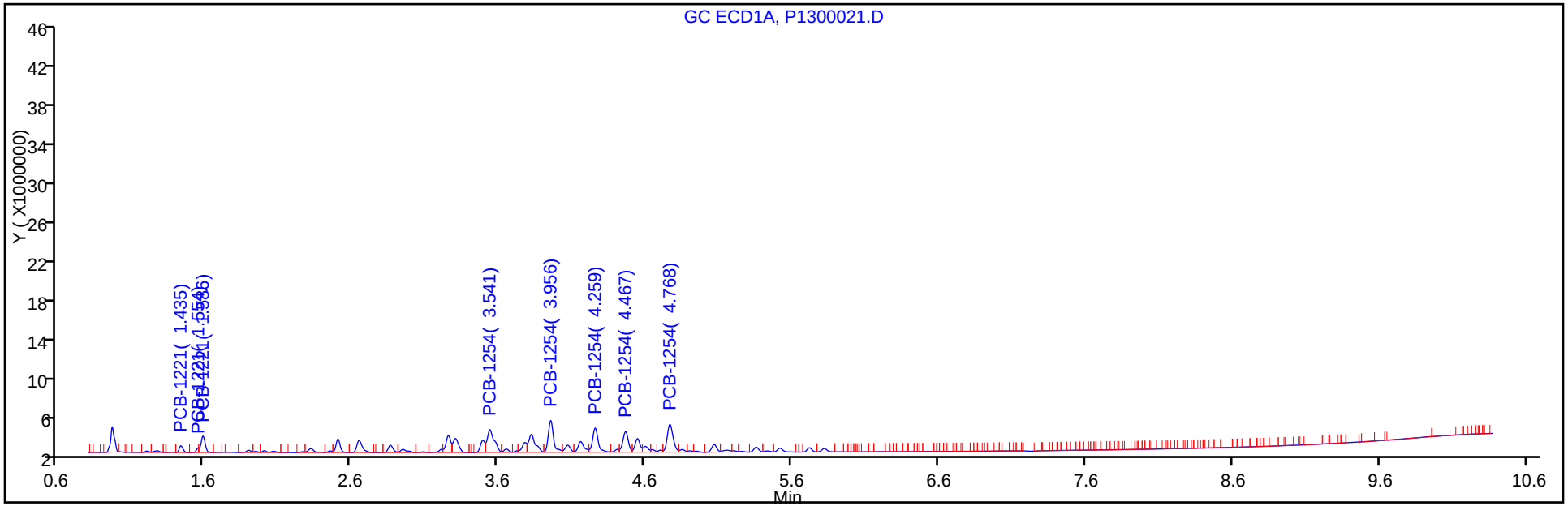
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

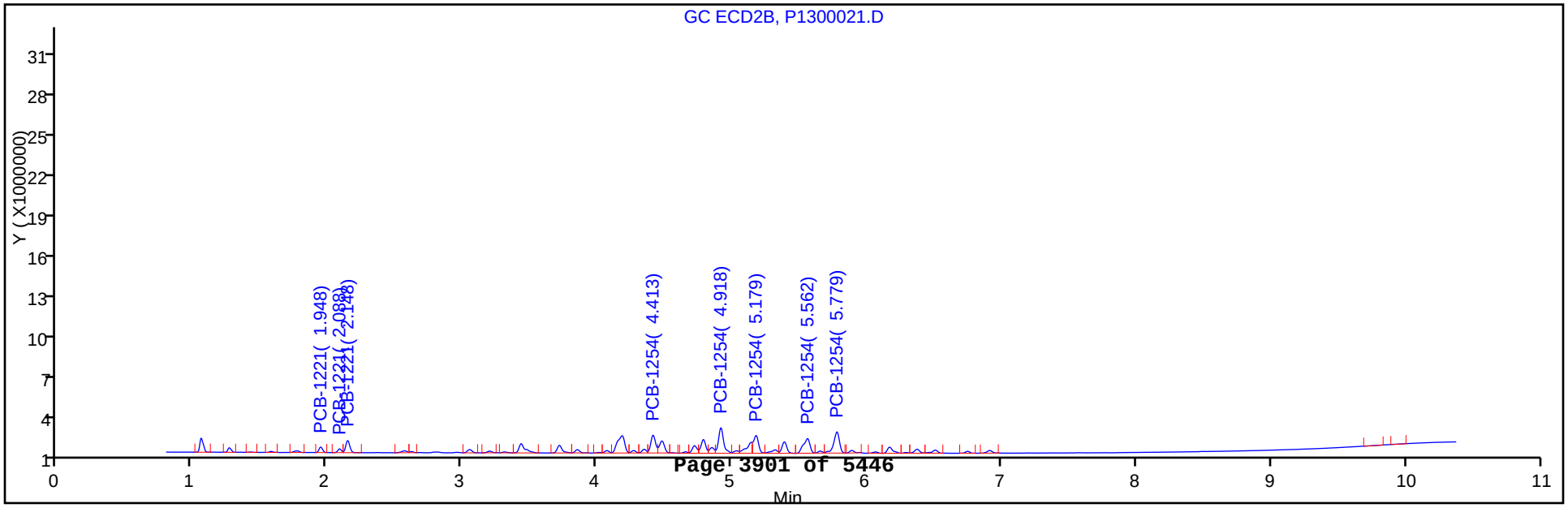
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300021.D

Injection Date:	21-Oct-2012 21:21:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D
Lims ID: STD01 AR2154 Client ID:
Inject. Date: 21-Oct-2012 21:36:53 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0014228-022
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 62068 Lims Sample ID: 22
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:18 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:05:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	2358951	0.1092		100.0	
1	3	1.554	1.554	0.000	839041	0.0753	25.0- 75.0	35.6	M
1	4	1.587	1.586	0.001	6555686	0.1150	233.2- 283.2	277.9	M
			Average of Peak Amounts =			0.0998			
2	4	1.948	1.948	0.000	1450065	0.1095		100.0	
2	5	2.088	2.088	0.000	967199	0.1101	37.0- 97.0	66.7	
2	6	2.149	2.148	0.001	3453182	0.1087	210.7- 270.7	238.1	
			Average of Peak Amounts =			0.1094			
						RPD = 9.17			
8 PCB-1254									M
1	100	3.541	3.541	0.000	12364440	0.0952		100.0	
1	2	3.956	3.956	0.000	13618696	0.0969	82.6- 132.6	110.1	
1	3	4.260	4.259	0.001	10085759	0.0880	64.9- 114.9	81.6	
1	4	4.468	4.467	0.001	9876544	0.1005	49.9- 99.9	79.9	
1	5	4.770	4.768	0.002	13328494	0.0943	84.1- 134.1	107.8	
			Average of Peak Amounts =			0.0950			
2	6	4.414	4.413	0.001	6083673	0.1062		100.0	
2	7	4.918	4.918	0.000	9283736	0.1047	124.0- 184.0	152.6	
2	8	5.179	5.179	0.000	6036986	0.0993	76.3- 136.3	99.2	M
2	9	5.560	5.562	-0.002	7048523	0.1043	87.0- 147.0	115.9	
2	10	5.779	5.779	0.000	9111373	0.1049	121.1- 181.1	149.8	
			Average of Peak Amounts =			0.1039			
						RPD = 8.97			

QC Flag Legend

Review Flags
M - Manually Integrated

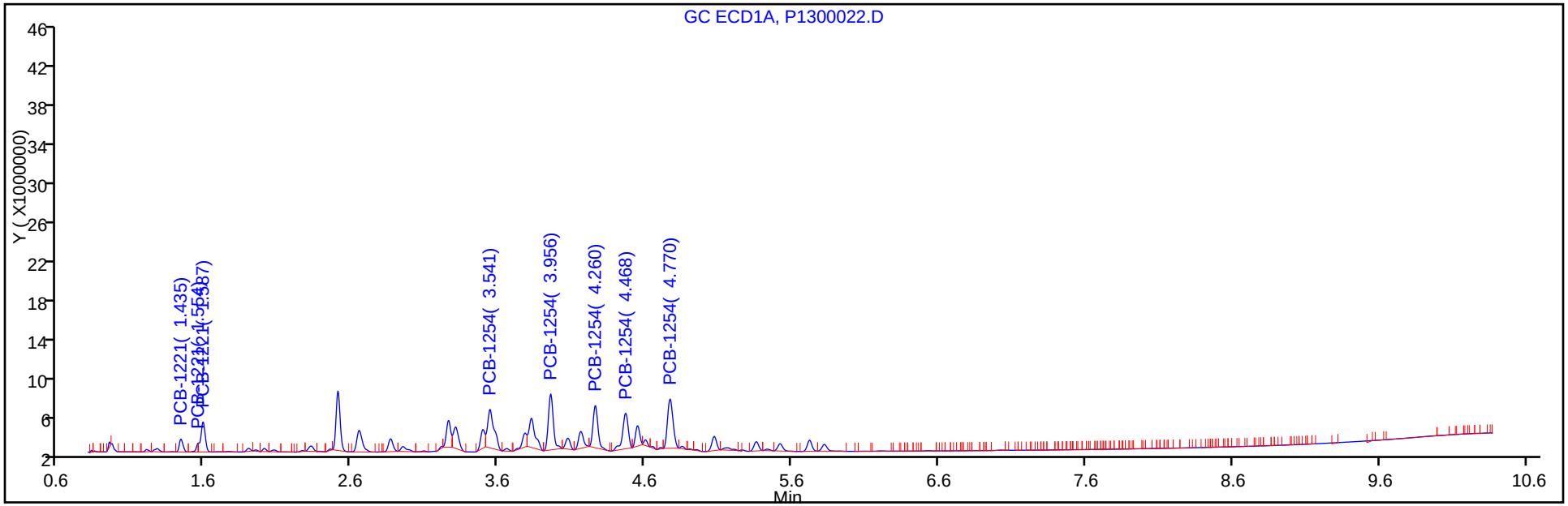
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

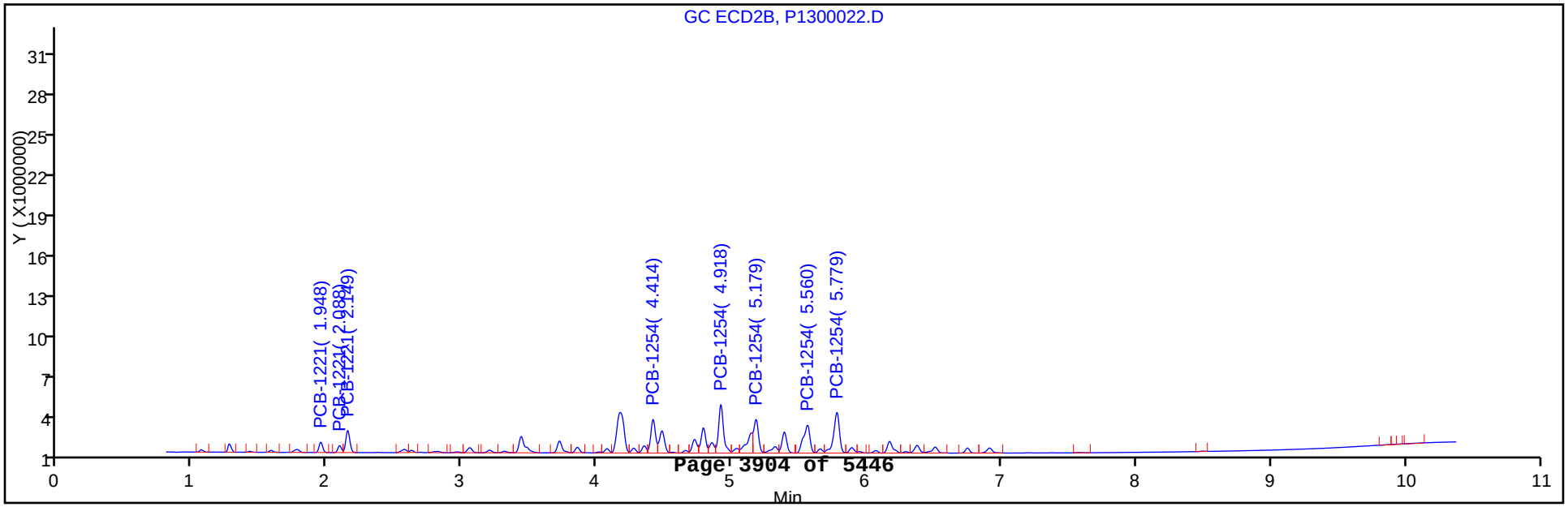
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



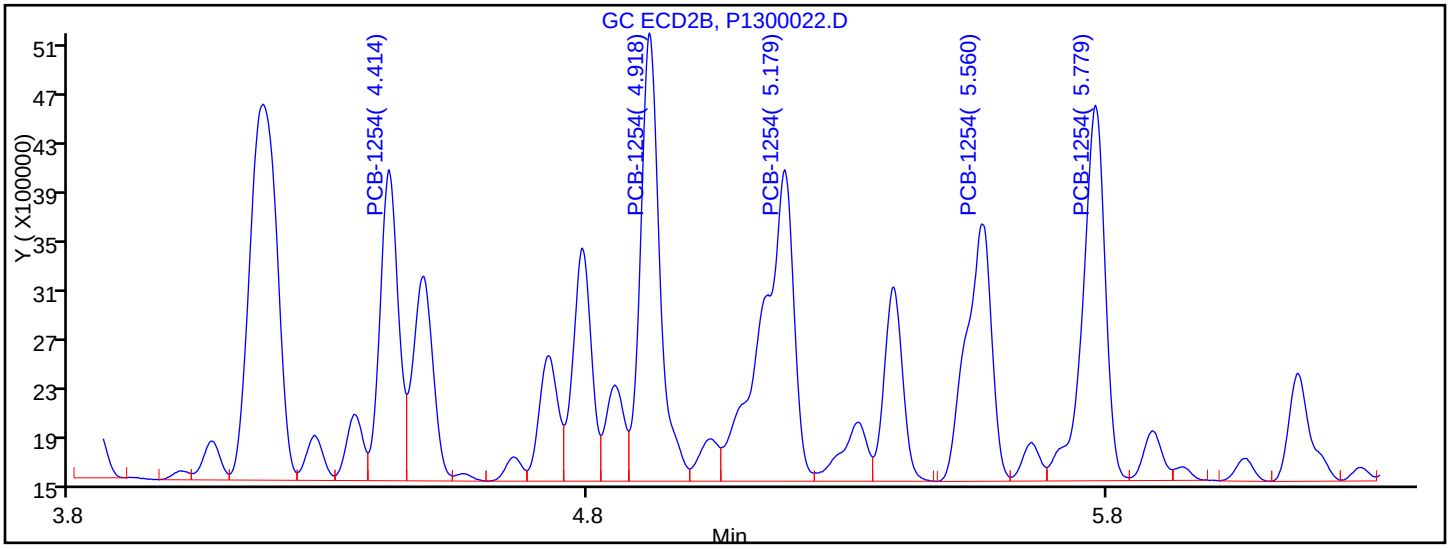
Report Date: 22-Oct-2012 09:18:20 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

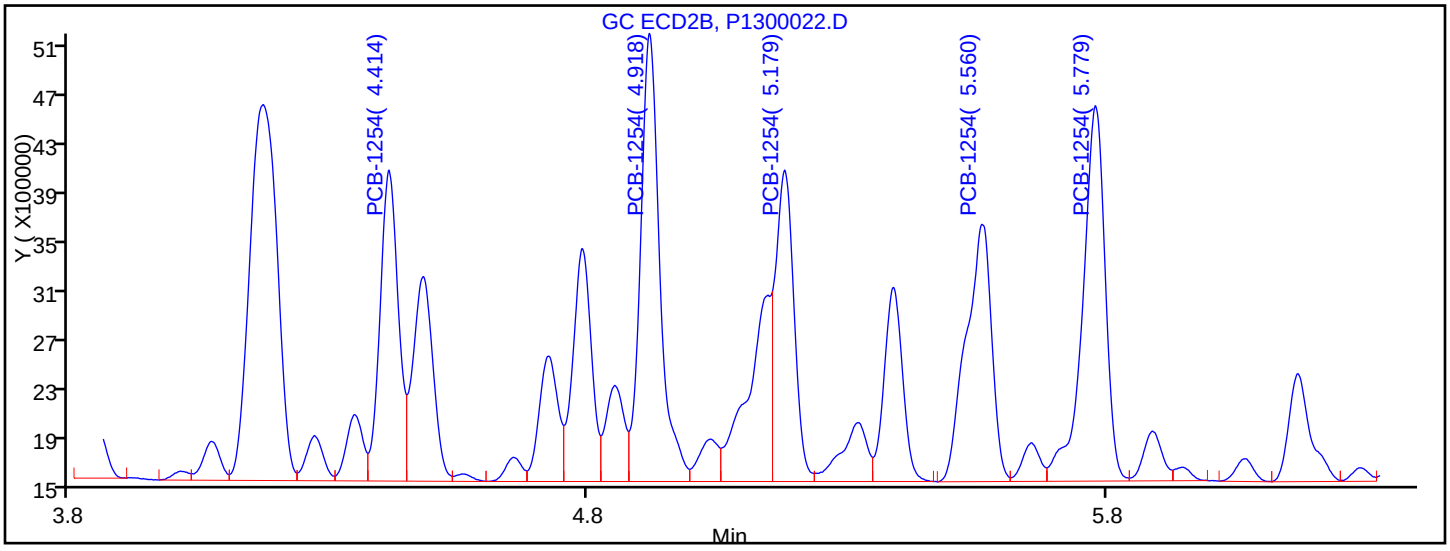
Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 PCB-1254, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.414	Response = 6083673	
RT = 4.918	Response = 9283736	
RT = 5.179	Response = 10865303	M
RT = 5.560	Response = 7048523	
RT = 5.779	Response = 9111373	



Manual Integration Results

RT = 4.414	Response = 6083673	
RT = 4.918	Response = 9283736	
RT = 5.179	Response = 6036986	M
RT = 5.560	Response = 7048523	
RT = 5.779	Response = 9111373	

Reviewer: hassl, 22-Oct-2012 09:05:12

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D
Lims ID: STD02 AR2154 Client ID:
Inject. Date: 21-Oct-2012 21:51:47 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-023
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 62068 Lims Sample ID: 23
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:17 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:05:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	4429217	0.2050		100.0	
1	3	1.555	1.554	0.001	2214538	0.2371	25.0- 75.0	50.0	M
1	4	1.586	1.586	0.000	11437477	0.2007	233.2- 283.2	258.2	M
			Average of Peak Amounts =			0.2143			
2	4	1.947	1.948	-0.001	2669812	0.2015		100.0	
2	5	2.087	2.088	-0.001	1788151	0.2035	37.0- 97.0	67.0	
2	6	2.147	2.148	-0.001	6425697	0.2022	210.7- 270.7	240.7	
			Average of Peak Amounts =			0.2024			
						RPD = 5.67			
8 PCB-1254									M
1	100	3.541	3.541	0.000	27104495	0.2087		100.0	
1	2	3.955	3.956	-0.001	29165381	0.2074	82.6- 132.6	107.6	
1	3	4.259	4.259	0.000	24377005	0.2128	64.9- 114.9	89.9	
1	4	4.466	4.467	-0.001	20301068	0.2066	49.9- 99.9	74.9	
1	5	4.767	4.768	-0.001	29571702	0.2093	84.1- 134.1	109.1	
			Average of Peak Amounts =			0.2089			
2	6	4.414	4.413	0.001	11477419	0.2004		100.0	
2	7	4.917	4.918	-0.001	17676021	0.1994	124.0- 184.0	154.0	
2	8	5.177	5.179	-0.002	12195047	0.2006	76.3- 136.3	106.3	M
2	9	5.560	5.562	-0.002	13430677	0.1988	87.0- 147.0	117.0	
2	10	5.778	5.779	-0.001	17343772	0.1998	121.1- 181.1	151.1	
			Average of Peak Amounts =			0.1998			
						RPD = 4.48			

QC Flag Legend

Review Flags
M - Manually Integrated

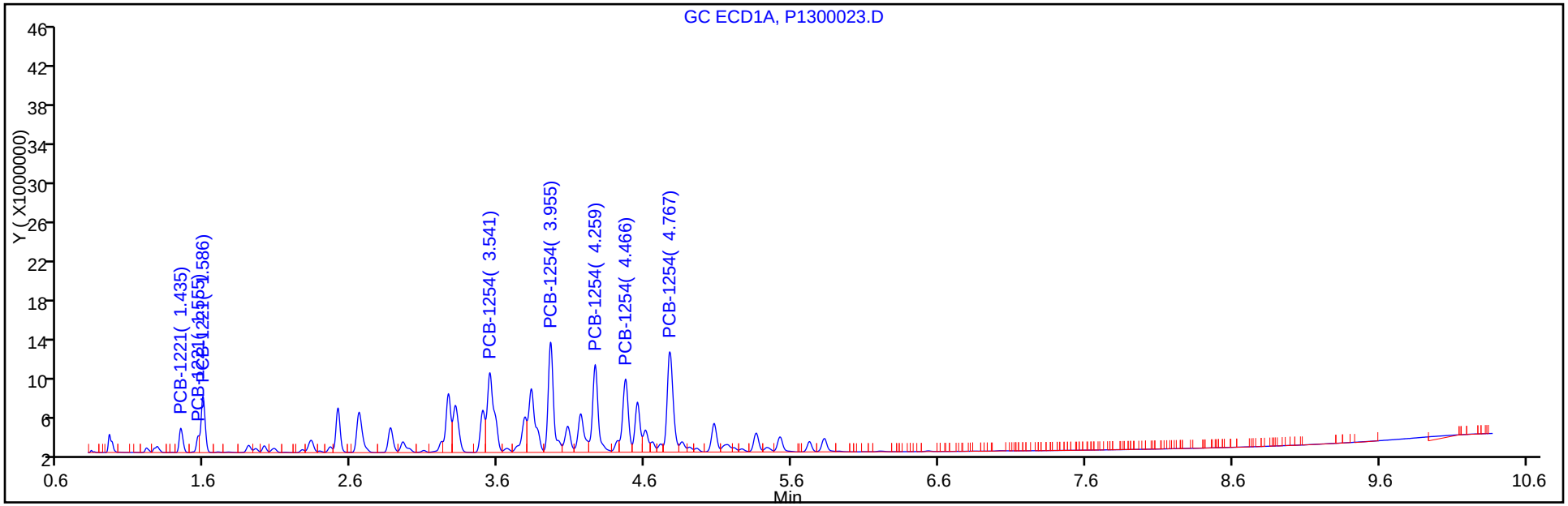
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

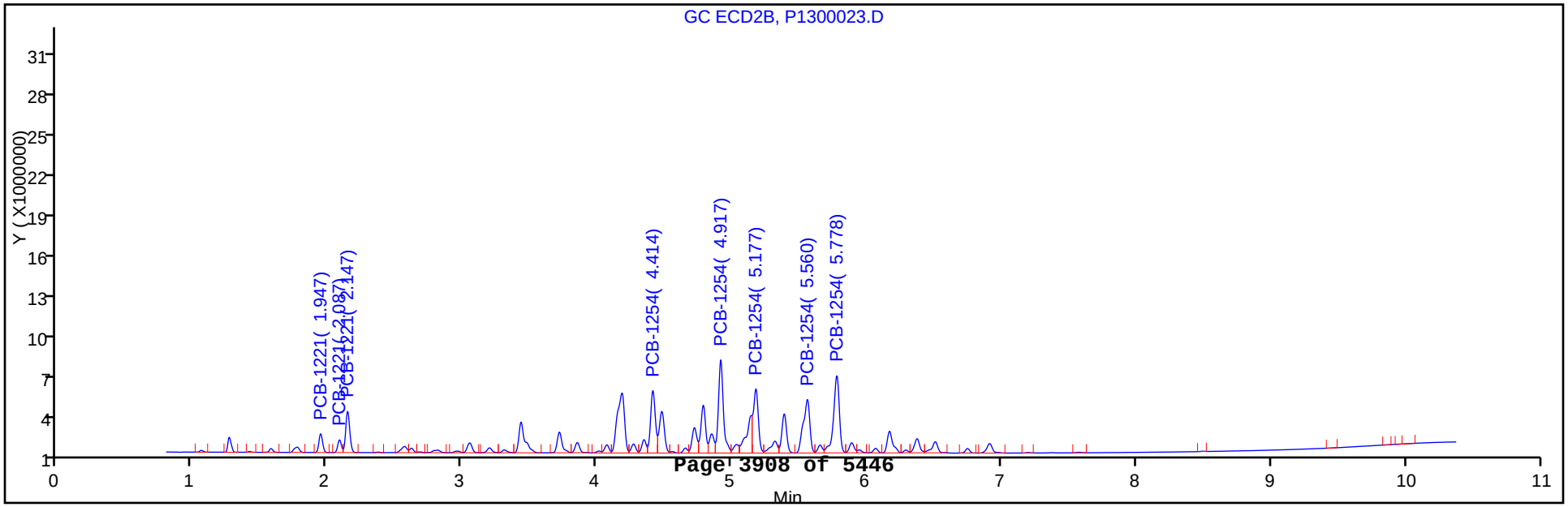
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



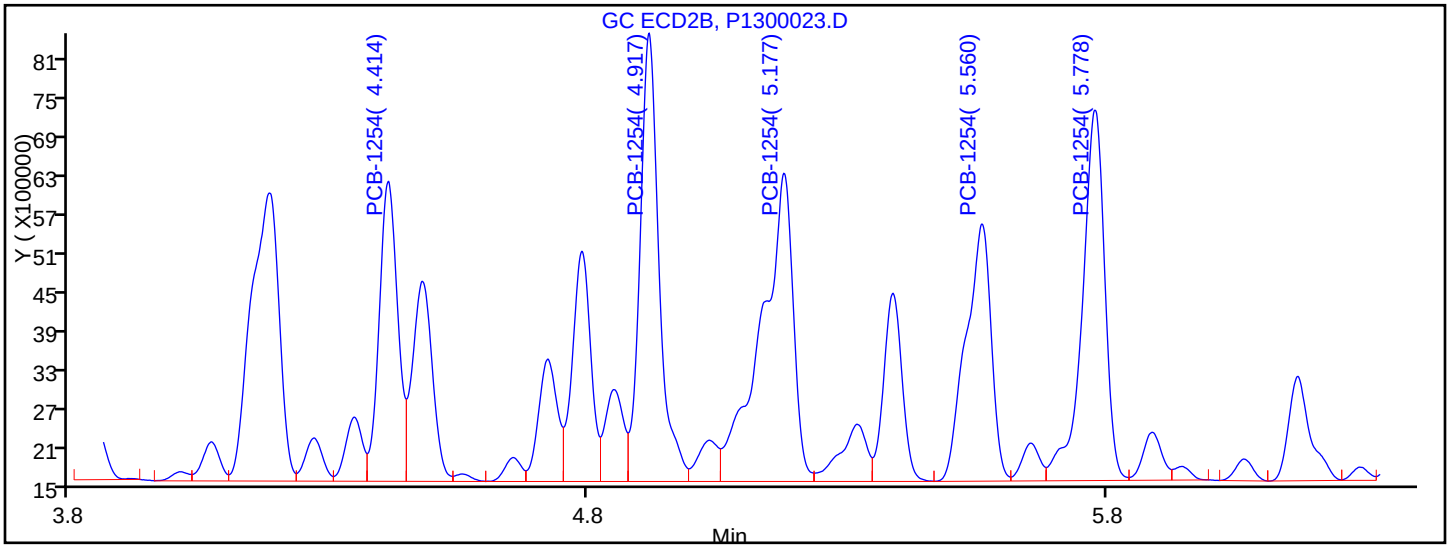
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

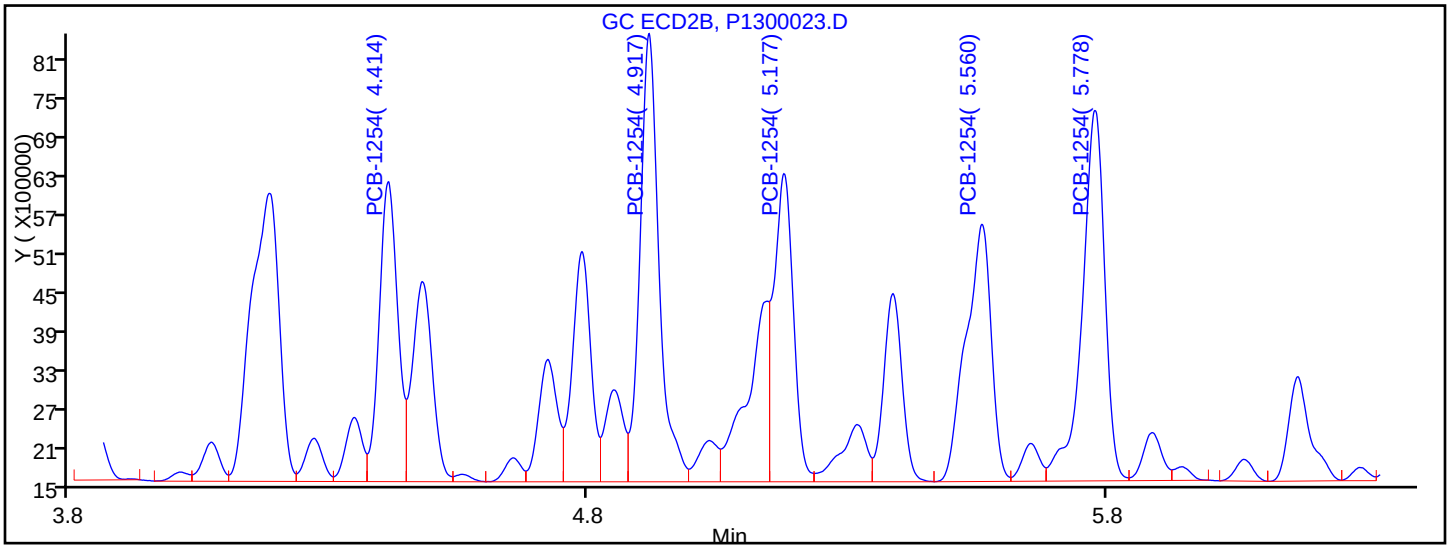
Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 PCB-1254, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.414	Response = 11477419	
RT = 4.917	Response = 17676021	
RT = 5.177	Response = 20475786	M
RT = 5.560	Response = 13430677	
RT = 5.778	Response = 17343772	



Manual Integration Results

RT = 4.414	Response = 11477419	
RT = 4.917	Response = 17676021	
RT = 5.177	Response = 12195047	M
RT = 5.560	Response = 13430677	
RT = 5.778	Response = 17343772	

Reviewer: hassl, 22-Oct-2012 09:05:56

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D
Lims ID: STD05 AR2154 Client ID:
Inject. Date: 21-Oct-2012 22:06:41 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0014228-024
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 62068 Lims Sample ID: 24
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:15 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:07:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	10429868	0.4826		100.0	
1	3	1.559	1.554	0.005	4399813	0.5170	25.0- 75.0	42.2	M
1	4	1.587	1.586	0.001	26890493	0.4718	233.2- 283.2	257.8	M
			Average of Peak Amounts =			0.4905			
2	4	1.948	1.948	0.000	6330644	0.4779		100.0	
2	5	2.088	2.088	0.000	4167691	0.4744	37.0- 97.0	65.8	
2	6	2.148	2.148	0.000	15087116	0.4748	210.7- 270.7	238.3	
			Average of Peak Amounts =			0.4757			
						RPD = 3.06			
8 PCB-1254									
1	100	3.542	3.541	0.001	64370551	0.4957		100.0	
1	2	3.956	3.956	0.000	69720842	0.4959	82.6- 132.6	108.3	
1	3	4.260	4.259	0.001	57910295	0.5054	64.9- 114.9	90.0	
1	4	4.467	4.467	0.000	48777658	0.4963	49.9- 99.9	75.8	
1	5	4.769	4.768	0.001	71037028	0.5027	84.1- 134.1	110.4	
			Average of Peak Amounts =			0.4992			
2	6	4.414	4.413	0.001	27491372	0.4800		100.0	
2	7	4.919	4.918	0.001	43106896	0.4862	124.0- 184.0	156.8	
2	8	5.179	5.179	0.000	29791558	0.4900	76.3- 136.3	108.4	
2	9	5.561	5.562	-0.001	32792131	0.4854	87.0- 147.0	119.3	
2	10	5.779	5.779	0.000	42777108	0.4927	121.1- 181.1	155.6	
			Average of Peak Amounts =			0.4869			
						RPD = 2.50			

QC Flag Legend

Review Flags
M - Manually Integrated

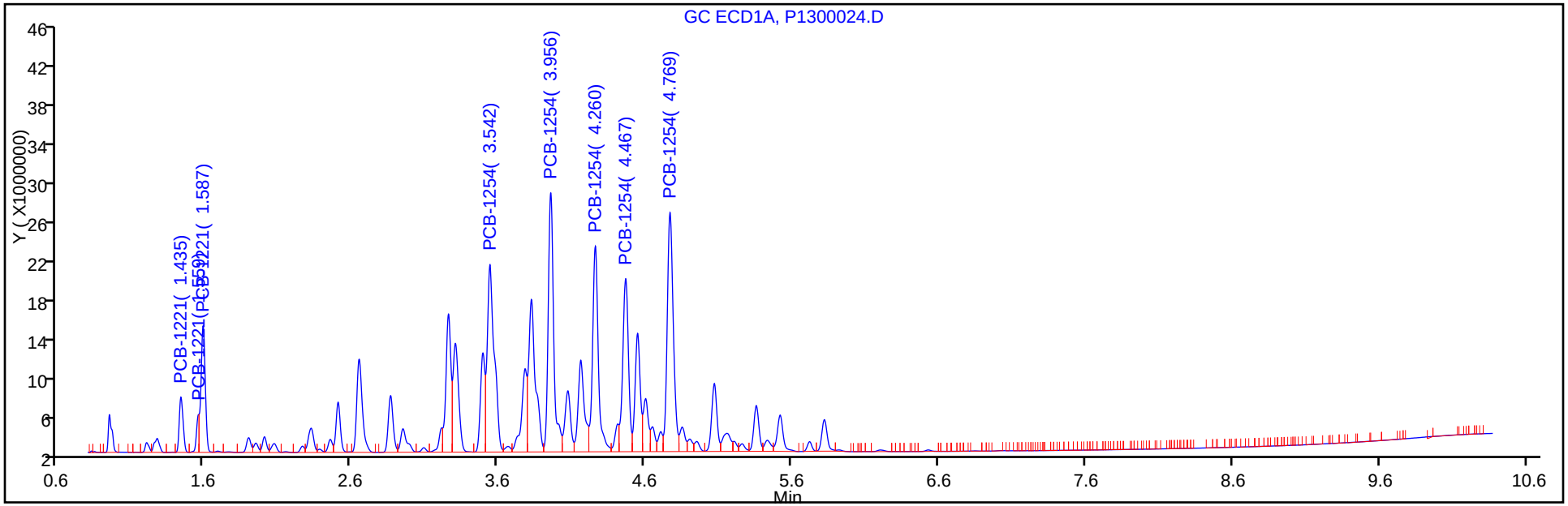
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

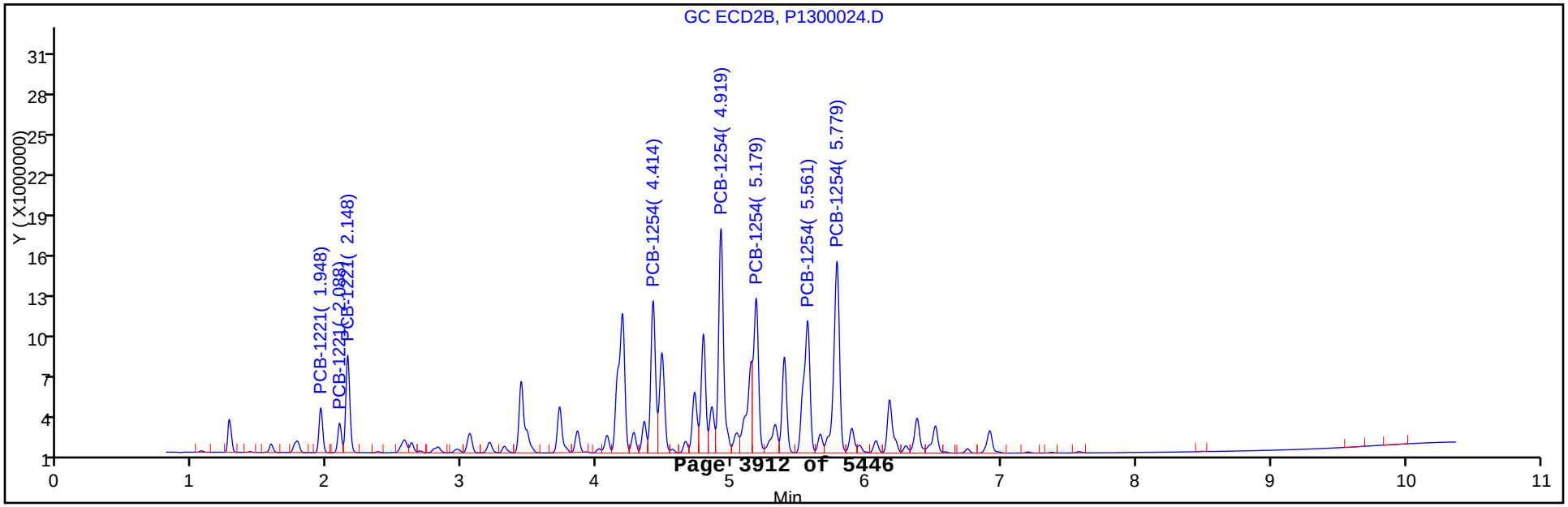
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D

Injection Date:	21-Oct-2012 22:06:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D
Lims ID: STD1 AR2154 Client ID:
Inject. Date: 21-Oct-2012 22:21:34 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014228-025
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 62068 Lims Sample ID: 25
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:14 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:07:43

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.436	1.435	0.001	19416966	0.8985		100.0	
1	3	1.558	1.554	0.004	7440731	0.9737	25.0- 75.0	38.3	M
1	4	1.586	1.586	0.000	49419050	0.8671	233.2- 283.2	254.5	M
			Average of Peak Amounts =			0.9131			
2	4	1.948	1.948	0.000	11957868	0.9027		100.0	
2	5	2.088	2.088	0.000	7792949	0.8870	37.0- 97.0	65.2	
2	6	2.148	2.148	0.000	28432724	0.8949	210.7- 270.7	237.8	
			Average of Peak Amounts =			0.8949			
						RPD = 2.02			
8 PCB-1254									
1	100	3.541	3.541	0.000	120561612	0.9284		100.0	
1	2	3.956	3.956	0.000	131664859	0.9364	82.6- 132.6	109.2	
1	3	4.258	4.259	-0.001	110520159	0.9646	64.9- 114.9	91.7	
1	4	4.466	4.467	-0.001	92256552	0.9387	49.9- 99.9	76.5	
1	5	4.768	4.768	0.000	134779062	0.9537	84.1- 134.1	111.8	
			Average of Peak Amounts =			0.9444			
2	6	4.415	4.413	0.002	52966523	0.9249		100.0	
2	7	4.917	4.918	-0.001	83028670	0.9364	124.0- 184.0	156.8	
2	8	5.179	5.179	0.000	58426984	0.9610	76.3- 136.3	110.3	
2	9	5.561	5.562	-0.001	64281415	0.9515	87.0- 147.0	121.4	
2	10	5.779	5.779	0.000	82957319	0.9555	121.1- 181.1	156.6	
			Average of Peak Amounts =			0.9459			
						RPD = 0.16			

QC Flag Legend

Review Flags
M - Manually Integrated

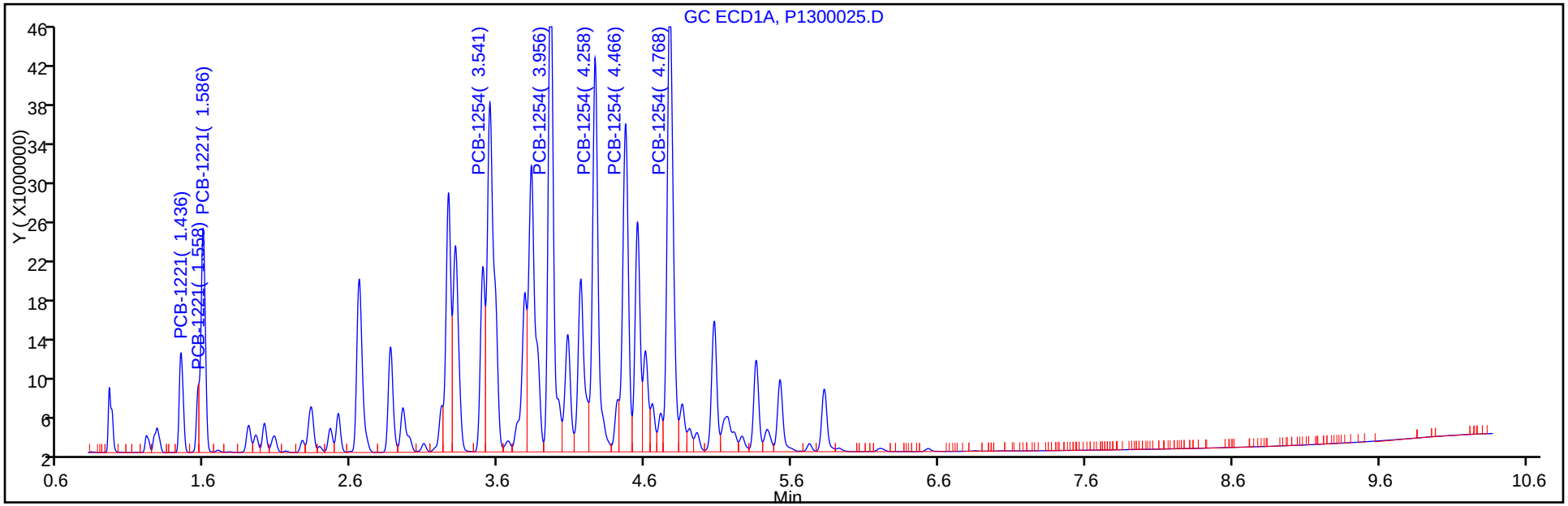
Report Date: 22-Oct-2012 09:18:15 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

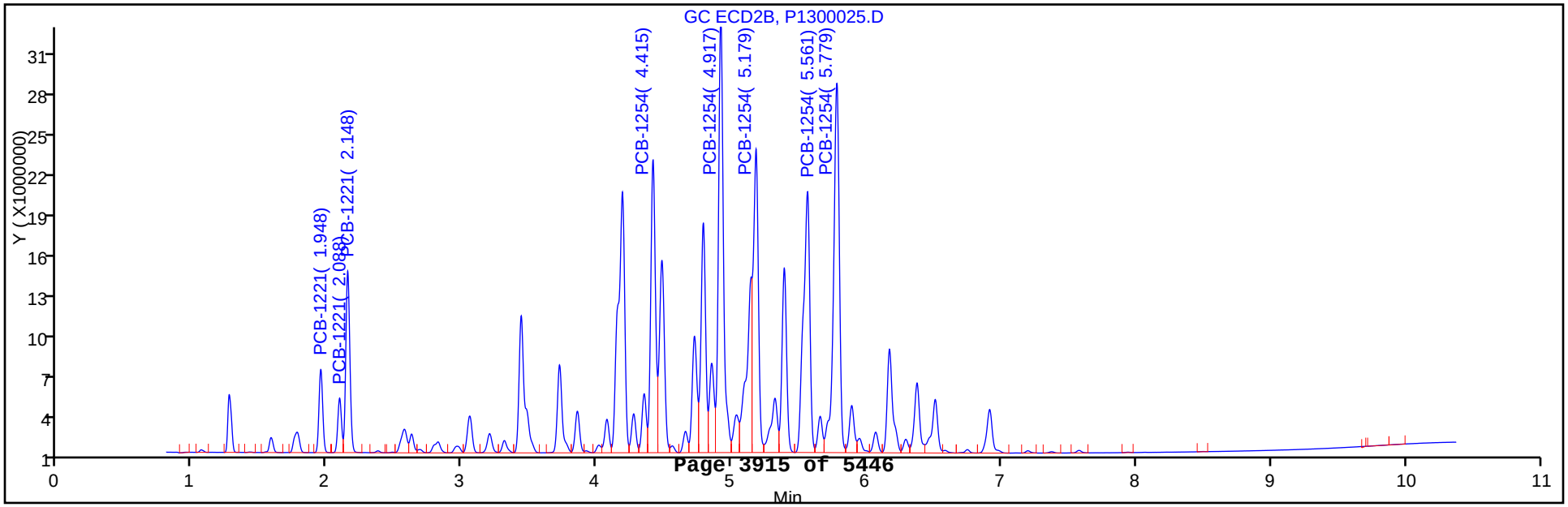
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

Injection Date:	21-Oct-2012 22:21:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D
Lims ID: STD2 AR2154 Client ID:
Inject. Date: 21-Oct-2012 22:36:27 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0014228-026
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 62068 Lims Sample ID: 26
Sublist: chrom-PCB13*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:12 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:08:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	36752731	1.70		100.0	
1	3	1.555	1.554	0.001	11928209	2.01	25.0- 75.0	32.5	M
1	4	1.587	1.586	0.001	92993540	1.63	233.2- 283.2	253.0	M
			Average of Peak Amounts =			1.78			
2	4	1.948	1.948	0.000	23306725	1.76		100.0	
2	5	2.088	2.088	0.000	14898822	1.70	37.0- 97.0	63.9	
2	6	2.148	2.148	0.000	55006290	1.73	210.7- 270.7	236.0	
			Average of Peak Amounts =			1.73			
						RPD = 2.97			
8 PCB-1254									
1	100	3.541	3.541	0.000	229647270	1.77		100.0	
1	2	3.955	3.956	-0.001	250140664	1.78	82.6- 132.6	108.9	
1	3	4.258	4.259	-0.001	210197993	1.83	64.9- 114.9	91.5	
1	4	4.466	4.467	-0.001	174799795	1.78	49.9- 99.9	76.1	
1	5	4.768	4.768	0.000	255265155	1.81	84.1- 134.1	111.2	
			Average of Peak Amounts =			1.79			
2	6	4.413	4.413	0.000	103997526	1.82		100.0	
2	7	4.917	4.918	-0.001	163223319	1.84	124.0- 184.0	156.9	
2	8	5.178	5.179	-0.001	111493989	1.83	76.3- 136.3	107.2	
2	9	5.561	5.562	-0.001	126925365	1.88	87.0- 147.0	122.0	
2	10	5.779	5.779	0.000	162480349	1.87	121.1- 181.1	156.2	
			Average of Peak Amounts =			1.85			
						RPD = 3.01			

QC Flag Legend

Review Flags
M - Manually Integrated

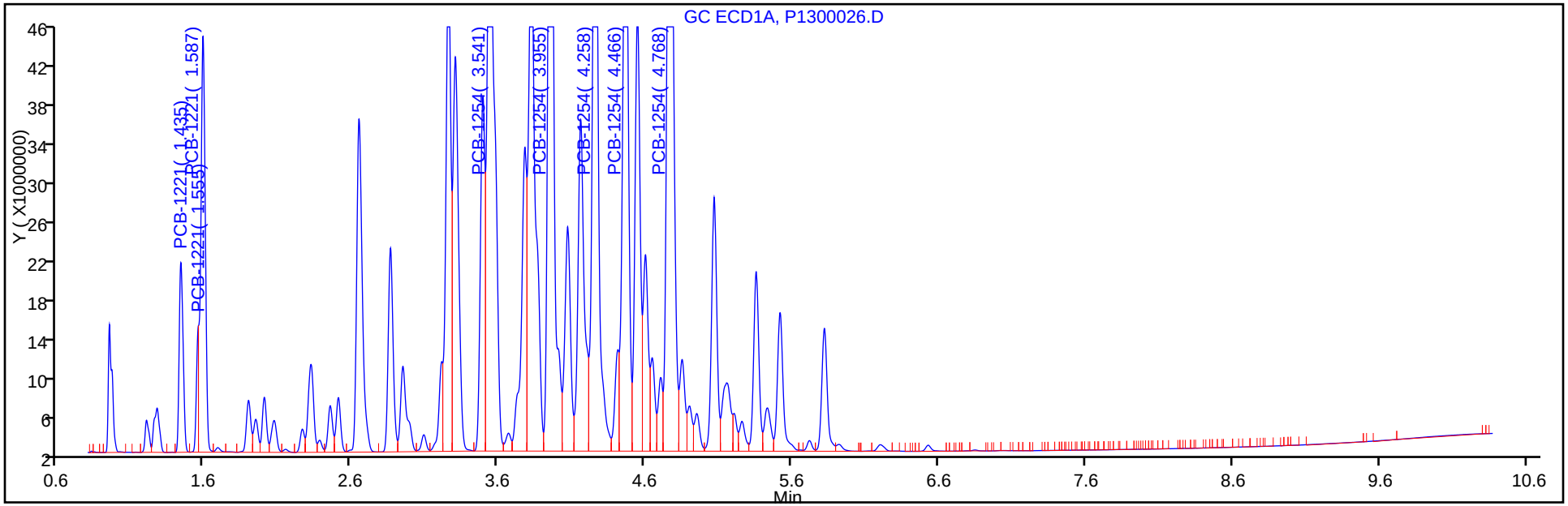
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

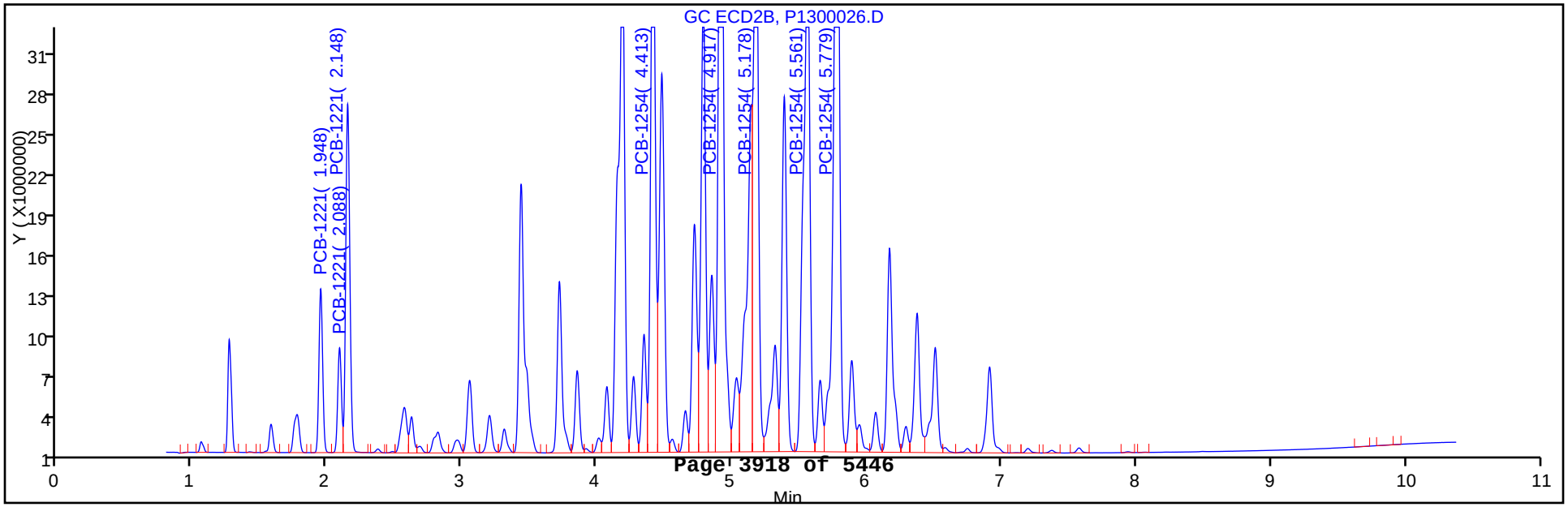
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

Injection Date:	21-Oct-2012 22:36:27	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 22:51 Calibration End Date: 10/22/2012 00:05 Calibration ID: 12036

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/27	P1300027.D
Level 2	STD01 240-62068/28	P1300028.D
Level 3	STD02 240-62068/29	P1300029.D
Level 4	STD05 240-62068/30	P1300030.D
Level 5	STD1 240-62068/31	P1300031.D
Level 6	STD2 240-62068/32	P1300032.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	1.587	1.587	1.587	1.587	1.588	1.586					1.537 - 1.637	1.587
PCB-1016 Peak 2	1.896	1.897	1.896	1.896	1.897	1.895					1.846 - 1.946	1.896
PCB-1016 Peak 3	2.322	2.322	2.322	2.323	2.323	2.322					2.273 - 2.373	2.322
PCB-1016 Peak 4	2.453	2.453	2.453	2.453	2.454	2.452					2.403 - 2.503	2.453
PCB-1016 Peak 5	2.866	2.867	2.867	2.867	2.868	2.867					2.817 - 2.917	2.867
PCB-1260 Peak 1	4.159	4.161	4.160	4.160	4.160	4.159					4.110 - 4.210	4.160
PCB-1260 Peak 2	4.468	4.469	4.468	4.469	4.468	4.469					4.419 - 4.519	4.469
PCB-1260 Peak 3	4.767	4.768	4.768	4.767	4.768	4.767					4.717 - 4.817	4.768
PCB-1260 Peak 4	5.518	5.517	5.518	5.518	5.518	5.518					5.468 - 5.568	5.518
PCB-1260 Peak 5	5.822	5.821	5.820	5.820	5.821	5.820					5.770 - 5.870	5.821
Tetrachloro-m-xylene	1.288	1.288	1.289	1.289	1.289	1.288					1.239 - 1.339	1.289
DCB Decachlorobiphenyl	7.057	7.057	7.058	7.056	7.057	7.054					7.006 - 7.106	7.057

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 22:51 Calibration End Date: 10/22/2012 00:05 Calibration ID: 12036

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/27	P1300027.D
Level 2	STD01 240-62068/28	P1300028.D
Level 3	STD02 240-62068/29	P1300029.D
Level 4	STD05 240-62068/30	P1300030.D
Level 5	STD1 240-62068/31	P1300031.D
Level 6	STD2 240-62068/32	P1300032.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	47570600 36354352	44879620 33033344	42064845	40030500	Ave		40655543.5				13.0		20.0			
PCB-1016 Peak 2	86111360 64408075	79910890 59039442	73338035	68454090	Ave		71876981.9				14.0		20.0			
PCB-1016 Peak 3	180505160 142796313	167514060 133101529	157810350	149580956	Ave		155218061				11.0		20.0			
PCB-1016 Peak 4	71981180 60751481	67204130 57912659	65508860	63476760	Ave		64472511.6				7.7		20.0			
PCB-1016 Peak 5	80605560 62498314	72179060 59592302	68510180	63709390	Ave		67849134.3				11.0		20.0			
PCB-1260 Peak 1	115807120 94842713	107789480 89860055	101670520	98163952	Ave		101355640				9.2		20.0			
PCB-1260 Peak 2	227193120 187849831	215268890 177045456	203431520	193006726	Ave		200632590				9.2		20.0			
PCB-1260 Peak 3	220698560 190365810	211602070 179930711	201551830	196110274	Ave		200043209				7.3		20.0			
PCB-1260 Peak 4	289489620 263611969	284526700 249898539	273549365	269783558	Ave		271809958				5.3		20.0			
PCB-1260 Peak 5	136652340 126153832	134515880 120750822	128595710	128244336	Ave		129152153				4.5		20.0			
Tetrachloro-m-xylene	2606107200 2102795960	2470085400 1924357420	2397259000	2196600400	Ave		2282867563				11.0		20.0			
DCB Decachlorobiphenyl	2510979200 2286534400	2398843800 2231318180	2314914800	2265365840	Ave		2334659370				4.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 22:51 Calibration End Date: 10/22/2012 00:05 Calibration ID: 12036

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/27	P1300027.D
Level 2	STD01 240-62068/28	P1300028.D
Level 3	STD02 240-62068/29	P1300029.D
Level 4	STD05 240-62068/30	P1300030.D
Level 5	STD1 240-62068/31	P1300031.D
Level 6	STD2 240-62068/32	P1300032.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	2378530 66066688	4487962	8412969	20015250	36354352	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	Ave	4305568 118078883	7991089	14667607	34227045	64408075	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	Ave	9025258 266203057	16751406	31562070	74790478	142796313	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	Ave	3599059 115825317	6720413	13101772	31738380	60751481	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	Ave	4030278 119184603	7217906	13702036	31854695	62498314	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	Ave	5790356 179720110	10778948	20334104	49081976	94842713	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	Ave	11359656 354090911	21526889	40686304	96503363	187849831	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	Ave	11034928 359861421	21160207	40310366	98055137	190365810	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	Ave	14474481 499797077	28452670	54709873	134891779	263611969	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	Ave	6832617 241501643	13451588	25719142	64122168	126153832	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	Ave	6515268 192435742	12350427	23972590	54915010	105139798	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	Ave	6277448 223131818	11994219	23149148	56634146	114326720	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300027.D		
Lims ID:	STD005 1660	Client ID:	
Inject. Date:	21-Oct-2012 22:51:20	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014228-027		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	27
Lims Batch ID:	62068	Lims Sample ID:	27
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:10	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:08:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.288	1.289	-0.001	6515268	0.002854			
2	2	1.650	1.651	-0.001	3761903	0.002618			
						RPD = 8.63			
6 PCB-1016									M
1	100	1.587	1.587	0.000	2378530	0.0585		100.0	M
1	2	1.896	1.896	0.000	4305568	0.0599	149.3- 199.3	181.0	
1	3	2.322	2.323	-0.001	9025258	0.0581	350.2- 400.2	379.4	
1	4	2.453	2.453	0.000	3599059	0.0558	130.7- 180.7	151.3	
1	5	2.866	2.867	-0.001	4030278	0.0594	137.9- 187.9	169.4	
			Average of Peak Amounts =			0.0584			
2	6	2.147	2.147	0.000	1302990	0.0580		100.0	
2	7	2.571	2.571	0.000	2716165	0.0579	176.5- 236.5	208.5	
2	8	3.052	3.054	-0.002	5034554	0.0554	362.5- 422.5	386.4	
2	9	3.200	3.201	-0.001	2214859	0.0572	137.9- 197.9	170.0	
2	10	3.854	3.854	0.000	1955492	0.0542	118.8- 178.8	150.1	
			Average of Peak Amounts =			0.0565			
						RPD = 3.15			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.159	4.160	-0.001	5790356	0.0571		100.0	
1	2	4.468	4.469	-0.001	11359656	0.0566	175.1- 225.1	196.2	
1	3	4.767	4.767	0.000	11034928	0.0552	173.2- 223.2	190.6	
1	4	5.518	5.518	0.000	14474481	0.0533	244.1- 294.1	250.0	
1	5	5.822	5.820	0.002	6832617	0.0529	101.5- 151.5	118.0	
			Average of Peak Amounts =			0.0550			
2	6	5.141	5.141	0.000	3688022	0.0553		100.0	
2	7	5.386	5.389	-0.003	7772445	0.0671	86.6- 146.6	210.7	
2	8	5.777	5.776	0.001	6319472	0.0541	142.9- 202.9	171.4	
2	9	6.508	6.509	-0.001	7463574	0.0525	179.5- 239.5	202.4	
2	10	6.910	6.910	0.000	5536326	0.0532	121.8- 181.8	150.1	
			Average of Peak Amounts =			0.0564			
						RPD = 2.55			
$ 12 DCB Decachlorobiphenyl									
1	100	7.057	7.056	0.001	6277448	0.002689			
2	2	8.223	8.224	-0.001	3592262	0.002667			
						RPD = 0.81			

QC Flag Legend

Review Flags
M - Manually Integrated

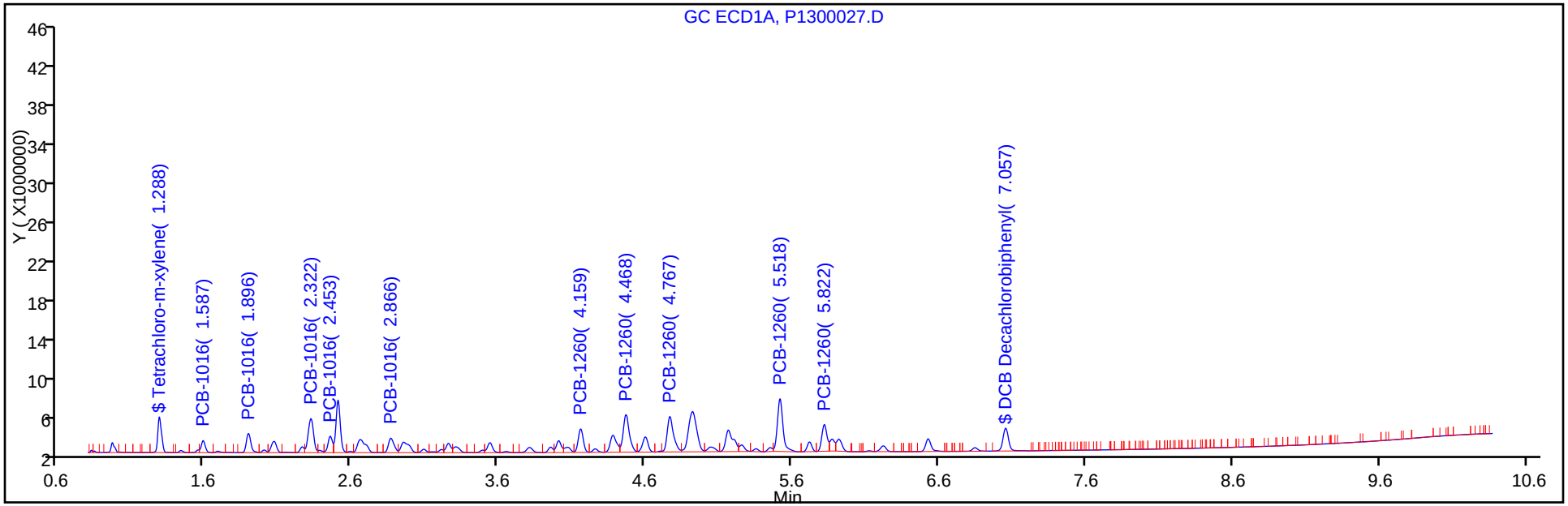
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

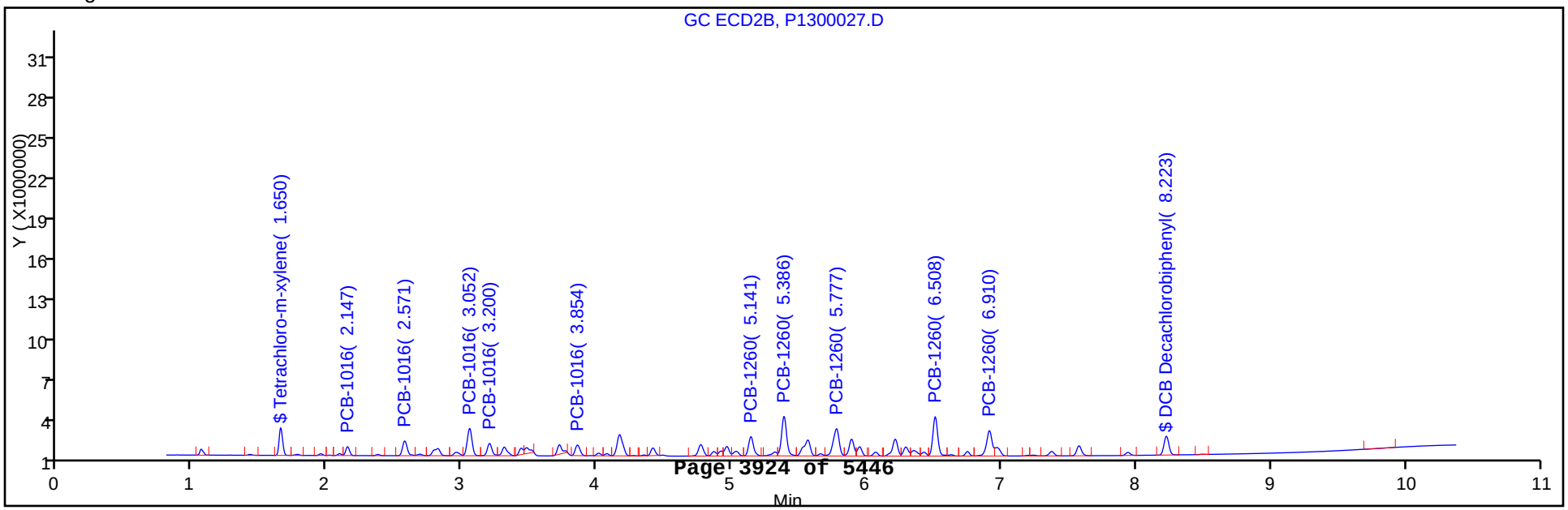
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Injection Date:	21-Oct-2012 22:51:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



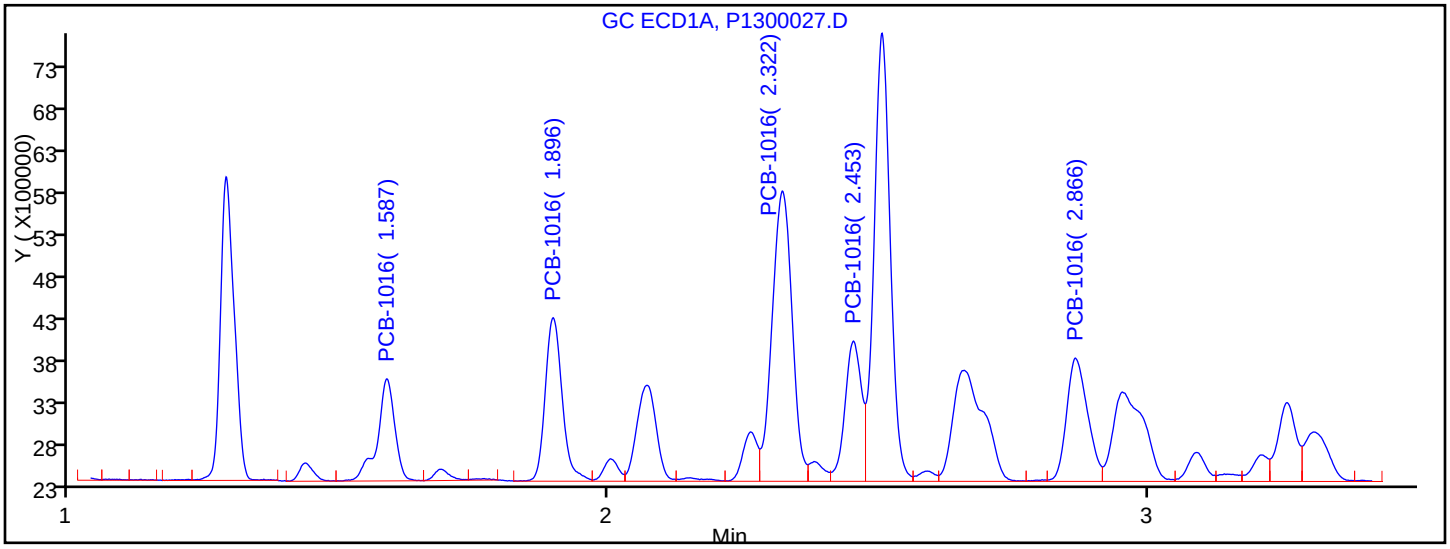
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TestAmerica Canton

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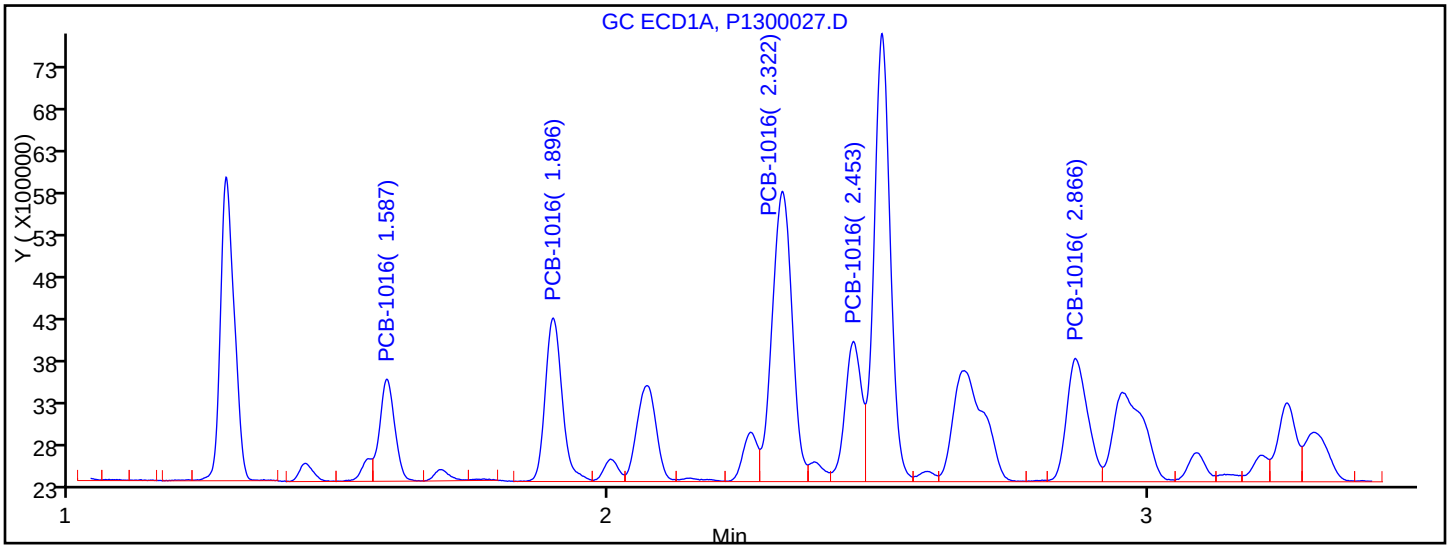
Injection Date:	21-Oct-2012 22:51:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 2761795	M
RT = 1.896	Response = 4305568	
RT = 2.322	Response = 9025258	
RT = 2.453	Response = 3599059	
RT = 2.866	Response = 4030278	



Manual Integration Results

RT = 1.587	Response = 2378530	M
RT = 1.896	Response = 4305568	
RT = 2.322	Response = 9025258	
RT = 2.453	Response = 3599059	
RT = 2.866	Response = 4030278	

Reviewer: hassl, 22-Oct-2012 09:08:33

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300028.D		
Lims ID:	STD01 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:06:20	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014228-028		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	62068	Lims Sample ID:	28
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:08	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:08:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.288	1.289	-0.001	12350427	0.005410			
2	2	1.651	1.651	0.000	7279892	0.005066			
						RPD = 6.57			
6 PCB-1016									M
1	100	1.587	1.587	0.000	4487962	0.1104		100.0	M
1	2	1.897	1.896	0.001	7991089	0.1112	149.3- 199.3	178.1	
1	3	2.322	2.323	-0.001	16751406	0.1079	350.2- 400.2	373.3	
1	4	2.453	2.453	0.000	6720413	0.1042	130.7- 180.7	149.7	
1	5	2.867	2.867	0.000	7217906	0.1064	137.9- 187.9	160.8	
			Average of Peak Amounts =			0.1080			
2	6	2.147	2.147	0.000	2436057	0.1084		100.0	
2	7	2.572	2.571	0.001	5096263	0.1086	176.5- 236.5	209.2	
2	8	3.052	3.054	-0.002	9503247	0.1046	362.5- 422.5	390.1	
2	9	3.201	3.201	0.000	4151320	0.1072	137.9- 197.9	170.4	
2	10	3.853	3.854	-0.001	3904064	0.1082	118.8- 178.8	160.3	
			Average of Peak Amounts =			0.1074			
						RPD = 0.56			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.161	4.160	0.001	10778948	0.1063		100.0	
1	2	4.469	4.469	0.000	21526889	0.1073	175.1- 225.1	199.7	
1	3	4.768	4.767	0.001	21160207	0.1058	173.2- 223.2	196.3	
1	4	5.517	5.518	-0.001	28452670	0.1047	244.1- 294.1	264.0	
1	5	5.821	5.820	0.001	13451588	0.1042	101.5- 151.5	124.8	
			Average of Peak Amounts =			0.1057			
2	6	5.141	5.141	0.000	6962734	0.1045		100.0	
2	7	5.387	5.389	-0.002	8255175	0.0740	86.6- 146.6	118.6	
2	8	5.775	5.776	-0.001	12150372	0.1040	142.9- 202.9	174.5	
2	9	6.509	6.509	0.000	14484067	0.1018	179.5- 239.5	208.0	
2	10	6.911	6.910	0.001	10796592	0.1037	121.8- 181.8	155.1	
			Average of Peak Amounts =			0.0976			
						RPD = 7.93			
$ 12 DCB Decachlorobiphenyl									
1	100	7.057	7.056	0.001	11994219	0.005137			
2	2	8.224	8.224	0.000	6693013	0.004969			
						RPD = 3.33			

QC Flag Legend

Review Flags
M - Manually Integrated

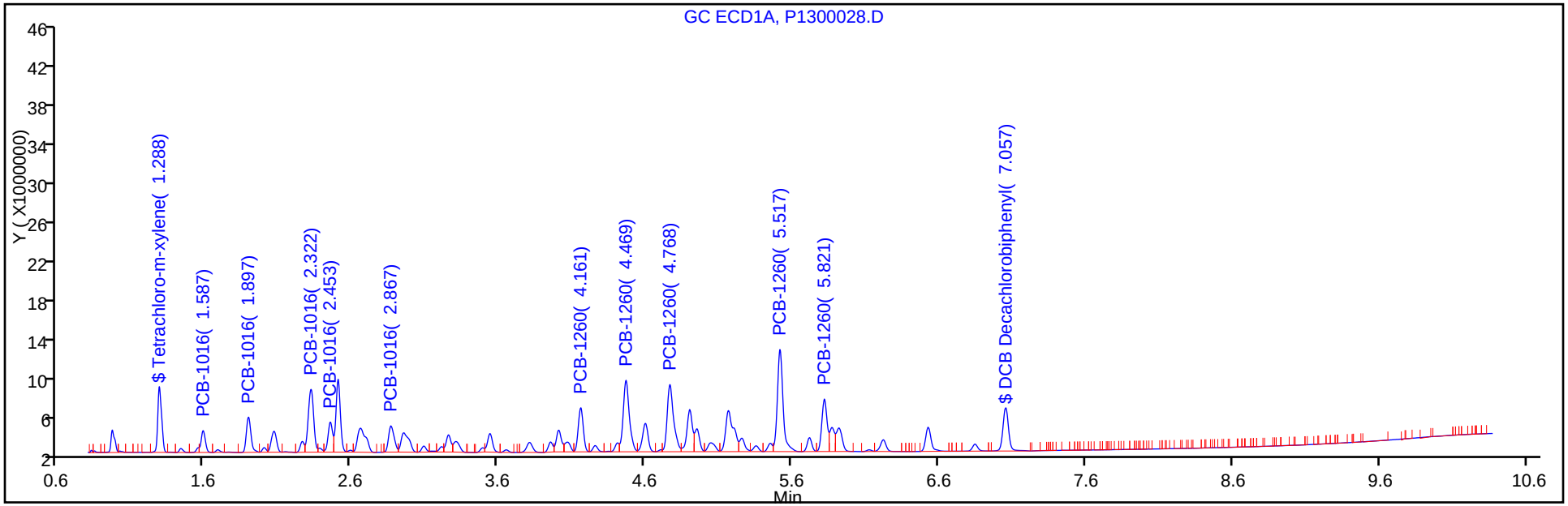
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

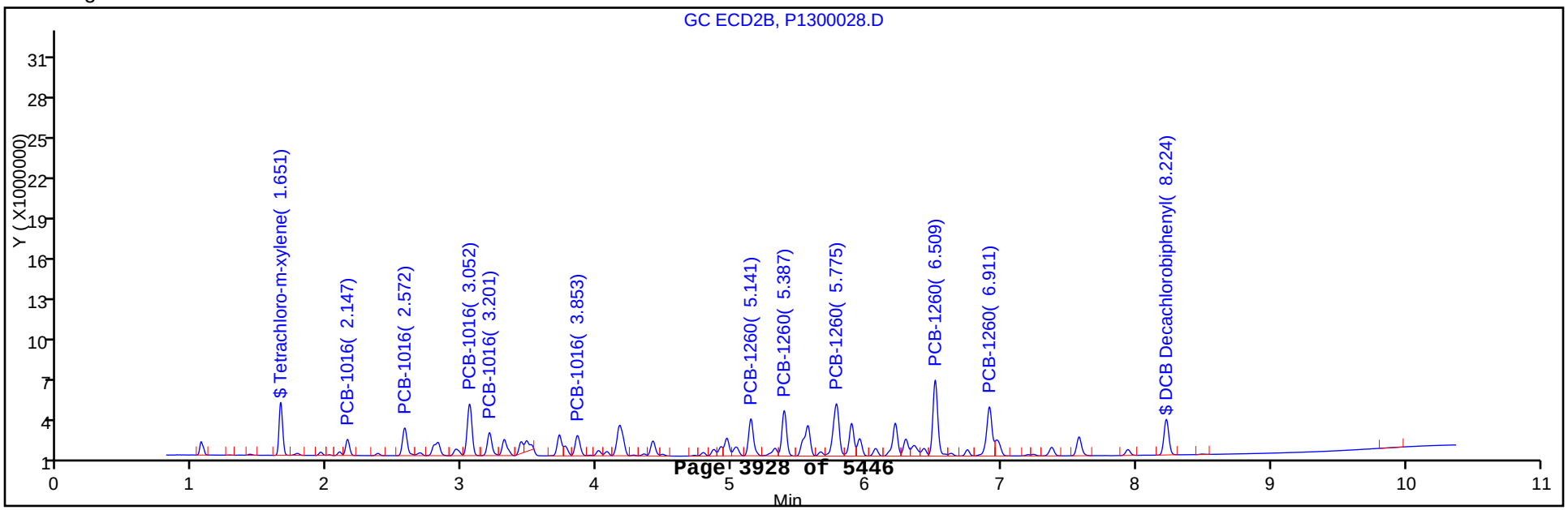
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Injection Date:	21-Oct-2012 23:06:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



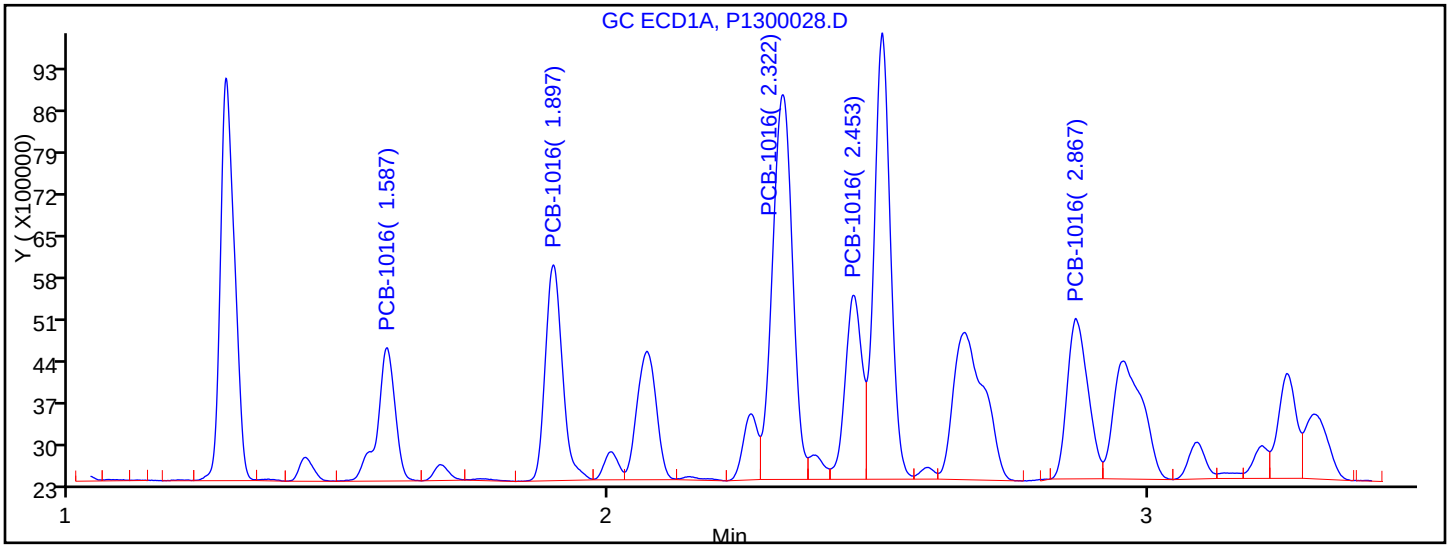
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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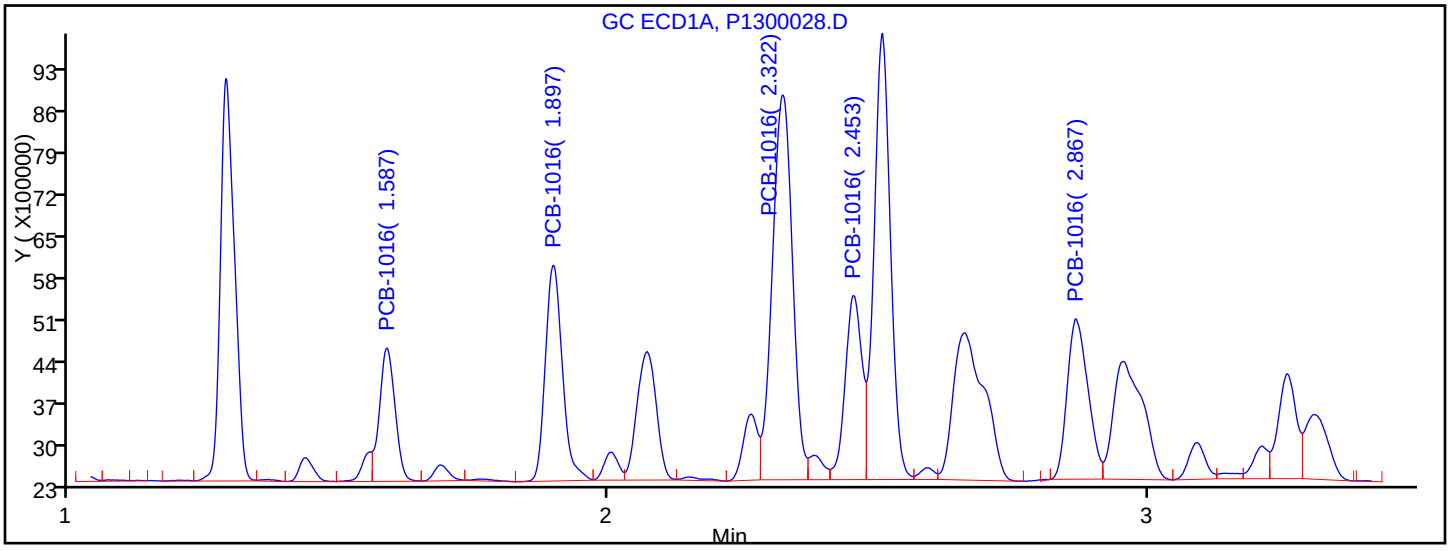
Injection Date:	21-Oct-2012 23:06:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 5130873	M
RT = 1.897	Response = 7991089	
RT = 2.322	Response = 16751406	
RT = 2.453	Response = 6720413	
RT = 2.867	Response = 7217906	



Manual Integration Results

RT = 1.587	Response = 4487962	M
RT = 1.897	Response = 7991089	
RT = 2.322	Response = 16751406	
RT = 2.453	Response = 6720413	
RT = 2.867	Response = 7217906	

Reviewer: hassl, 22-Oct-2012 09:08:48

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300029.D		
Lims ID:	STD02 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:21:13	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014228-029		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	29
Lims Batch ID:	62068	Lims Sample ID:	29
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:06	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.289	1.289	0.000	23972590	0.0105			
2	2	1.651	1.651	0.000	14504443	0.0101			
						RPD = 3.96			
6 PCB-1016									M
1	100	1.587	1.587	0.000	8412969	0.2069		100.0	M
1	2	1.896	1.896	0.000	14667607	0.2041	149.3- 199.3	174.3	
1	3	2.322	2.323	-0.001	31562070	0.2033	350.2- 400.2	375.2	
1	4	2.453	2.453	0.000	13101772	0.2032	130.7- 180.7	155.7	
1	5	2.867	2.867	0.000	13702036	0.2019	137.9- 187.9	162.9	
			Average of Peak Amounts =			0.2039			
2	6	2.147	2.147	0.000	4591551	0.2043		100.0	
2	7	2.571	2.571	0.000	9479305	0.2021	176.5- 236.5	206.5	
2	8	3.053	3.054	-0.001	18023698	0.1984	362.5- 422.5	392.5	
2	9	3.201	3.201	0.000	7710403	0.1991	137.9- 197.9	167.9	
2	10	3.854	3.854	0.000	6834098	0.1895	118.8- 178.8	148.8	
			Average of Peak Amounts =			0.1987			
						RPD = 2.59			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	20334104	0.2006		100.0	
1	2	4.468	4.469	-0.001	40686304	0.2028	175.1- 225.1	200.1	
1	3	4.768	4.767	0.001	40310366	0.2015	173.2- 223.2	198.2	
1	4	5.518	5.518	0.000	54709873	0.2013	244.1- 294.1	269.1	
1	5	5.820	5.820	0.000	25719142	0.1991	101.5- 151.5	126.5	
			Average of Peak Amounts =			0.2011			
2	6	5.141	5.141	0.000	13386031	0.2008		100.0	
2	7	5.388	5.389	-0.001	15606161	0.1787	86.6- 146.6	116.6	
2	8	5.776	5.776	0.000	23144385	0.1981	142.9- 202.9	172.9	
2	9	6.509	6.509	0.000	28046732	0.1971	179.5- 239.5	209.5	
2	10	6.911	6.910	0.001	20320972	0.1951	121.8- 181.8	151.8	
			Average of Peak Amounts =			0.1940			
						RPD = 3.59			
$ 12 DCB Decachlorobiphenyl									
1	100	7.058	7.056	0.002	23149148	0.0099			
2	2	8.224	8.224	0.000	13278288	0.009858			
						RPD = 0.58			

QC Flag Legend

Review Flags
M - Manually Integrated

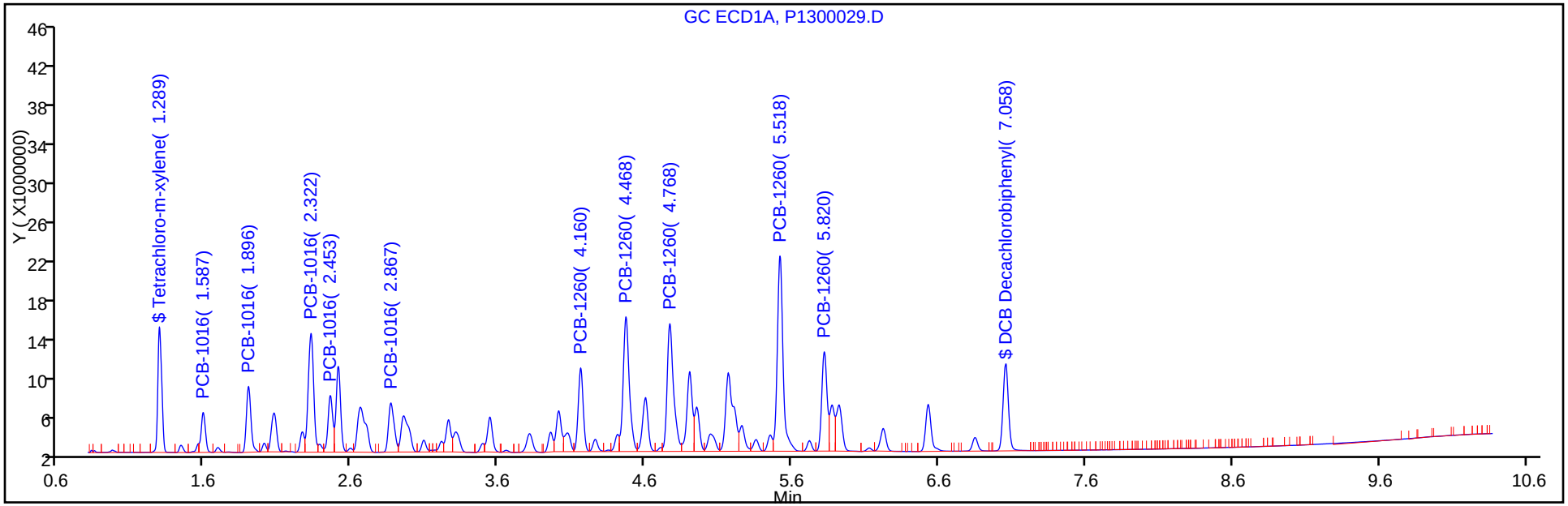
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TestAmerica Canton

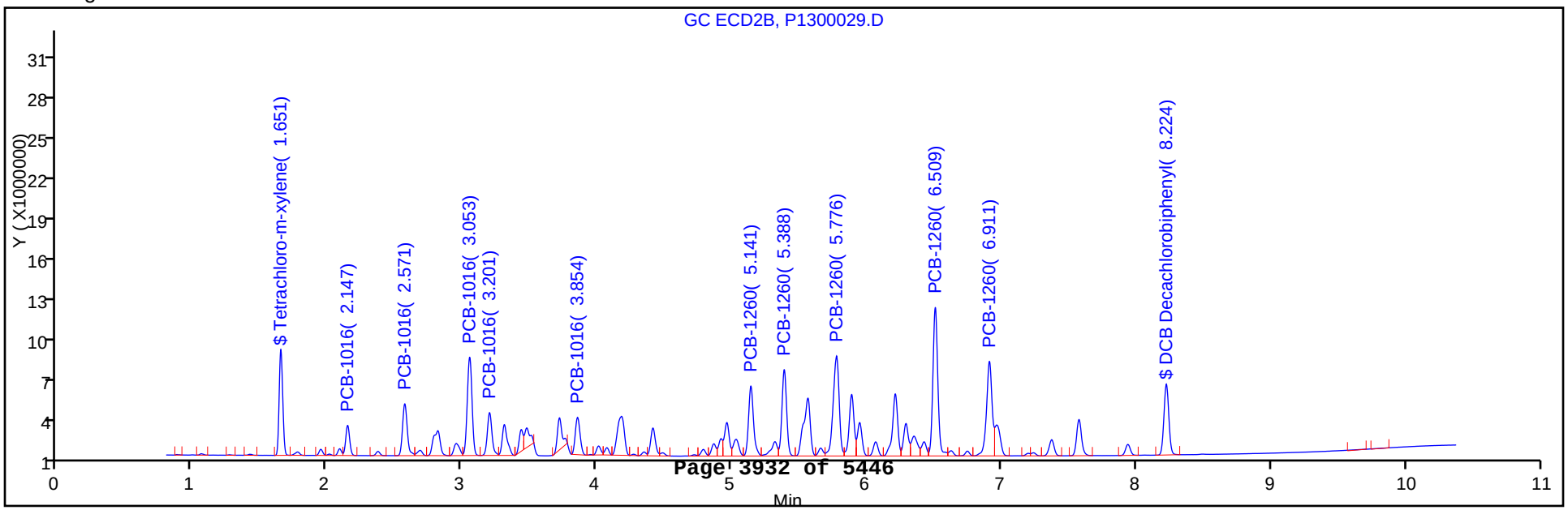
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Injection Date:	21-Oct-2012 23:21:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



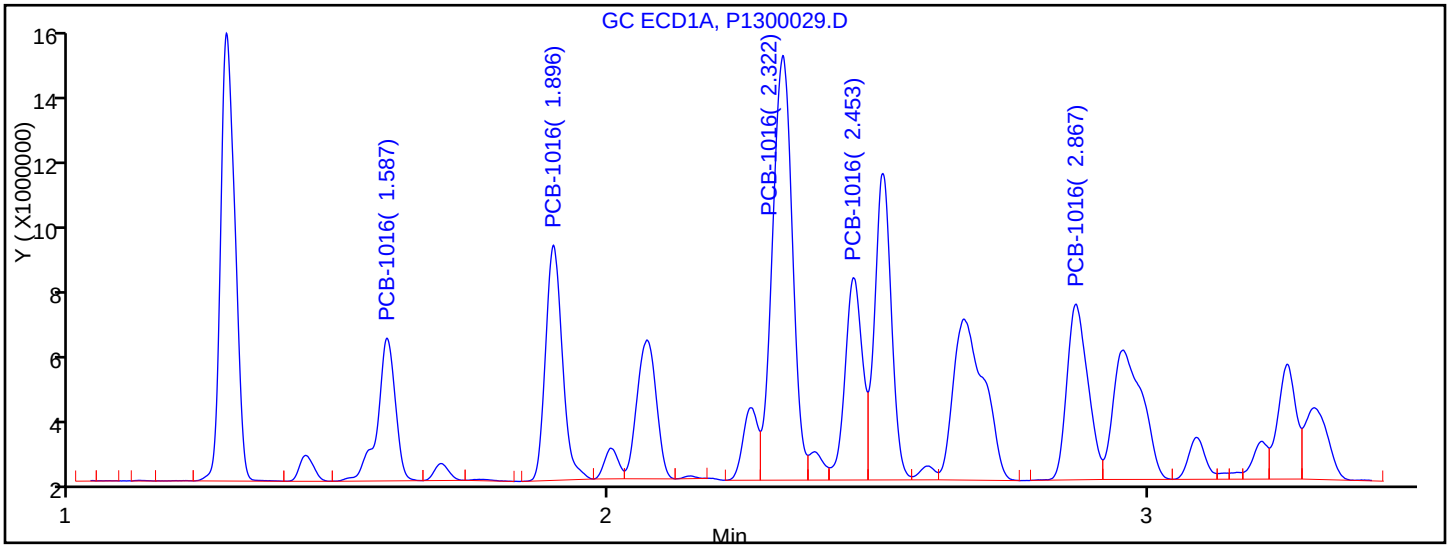
Report Date: 22-Oct-2012 09:18:07 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300029.D

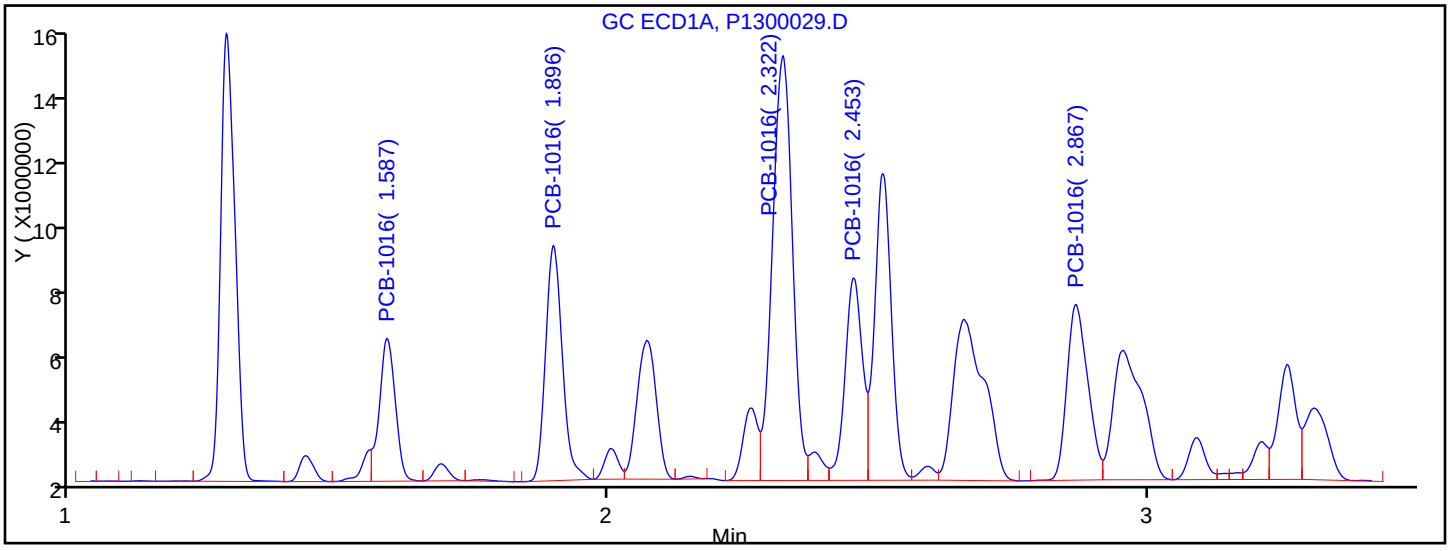
Injection Date:	21-Oct-2012 23:21:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 9534127	M
RT = 1.896	Response = 14667607	
RT = 2.322	Response = 31562070	
RT = 2.453	Response = 13101772	
RT = 2.867	Response = 13702036	



Manual Integration Results

RT = 1.587	Response = 8412969	M
RT = 1.896	Response = 14667607	
RT = 2.322	Response = 31562070	
RT = 2.453	Response = 13101772	
RT = 2.867	Response = 13702036	

Reviewer: hassl, 22-Oct-2012 09:09:02

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300030.D		
Lims ID:	STD05 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:36:05	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	4
Sample ID:	240-0014228-030		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	30
Lims Batch ID:	62068	Lims Sample ID:	30
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:05	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.289	1.289	0.000	54915010	0.0241			
2	2	1.651	1.651	0.000	34986071	0.0243			
						RPD = 1.20			
6 PCB-1016									M
1	100	1.587	1.587	0.000	20015250	0.4923		100.0	M
1	2	1.896	1.896	0.000	34227045	0.4762	149.3- 199.3	171.0	
1	3	2.323	2.323	0.000	74790478	0.4818	350.2- 400.2	373.7	
1	4	2.453	2.453	0.000	31738380	0.4923	130.7- 180.7	158.6	
1	5	2.867	2.867	0.000	31854695	0.4695	137.9- 187.9	159.2	
			Average of Peak Amounts =			0.4824			
2	6	2.147	2.147	0.000	10562811	0.4700		100.0	
2	7	2.571	2.571	0.000	22222441	0.4737	176.5- 236.5	210.4	
2	8	3.054	3.054	0.000	43856306	0.4827	362.5- 422.5	415.2	
2	9	3.201	3.201	0.000	18332287	0.4735	137.9- 197.9	173.6	
2	10	3.854	3.854	0.000	17643709	0.4892	118.8- 178.8	167.0	
			Average of Peak Amounts =			0.4778			
						RPD = 0.96			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	49081976	0.4843		100.0	
1	2	4.469	4.469	0.000	96503363	0.4810	175.1- 225.1	196.6	
1	3	4.767	4.767	0.000	98055137	0.4902	173.2- 223.2	199.8	
1	4	5.518	5.518	0.000	134891779	0.4963	244.1- 294.1	274.8	
1	5	5.820	5.820	0.000	64122168	0.4965	101.5- 151.5	130.6	
			Average of Peak Amounts =			0.4896			
2	6	5.141	5.141	0.000	31938771	0.4792		100.0	
2	7	5.389	5.389	0.000	38322383	0.5024	86.6- 146.6	120.0	
2	8	5.776	5.776	0.000	56366268	0.4824	142.9- 202.9	176.5	
2	9	6.509	6.509	0.000	69901748	0.4913	179.5- 239.5	218.9	
2	10	6.910	6.910	0.000	50633965	0.4862	121.8- 181.8	158.5	
			Average of Peak Amounts =			0.4883			
						RPD = 0.27			
$ 12 DCB Decachlorobiphenyl									
1	100	7.056	7.056	0.000	56634146	0.0243			
2	2	8.224	8.224	0.000	32766491	0.0243			
						RPD = 0.28			

QC Flag Legend

Review Flags
M - Manually Integrated

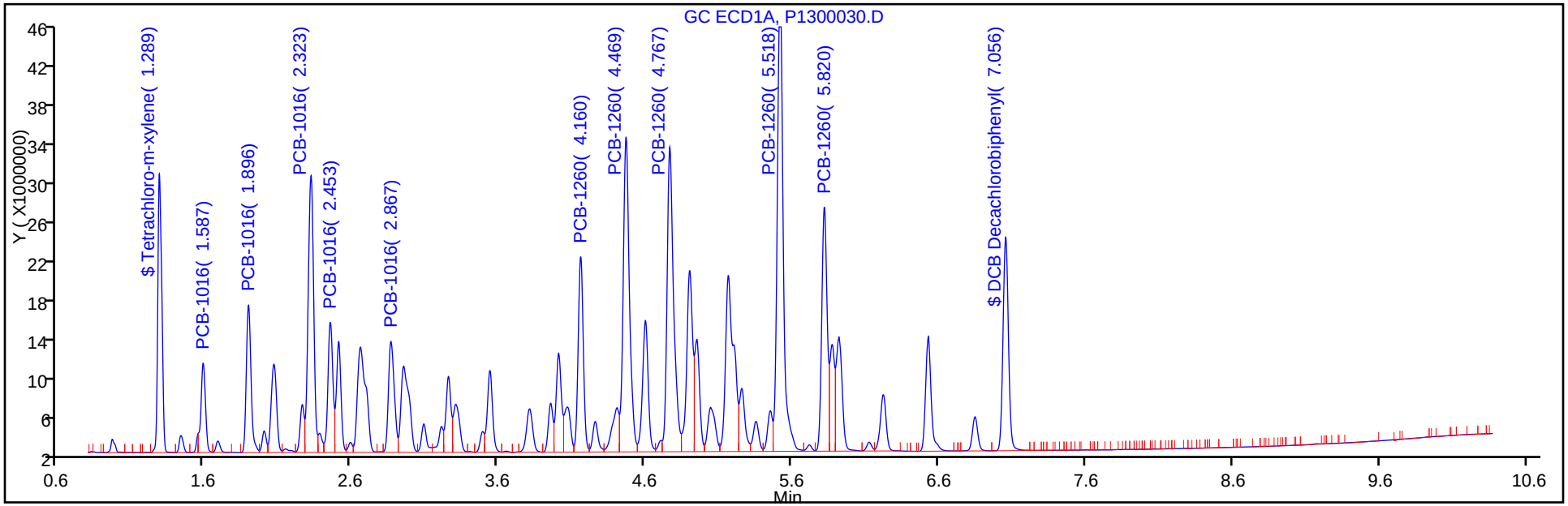
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

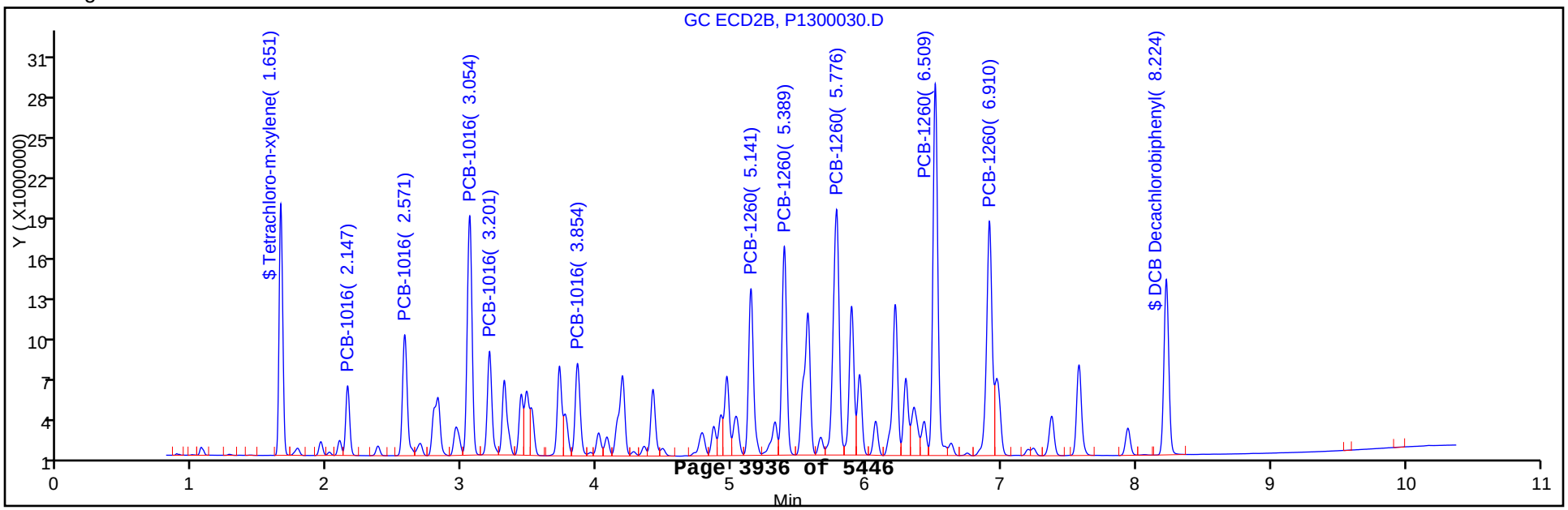
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Injection Date:	21-Oct-2012 23:36:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



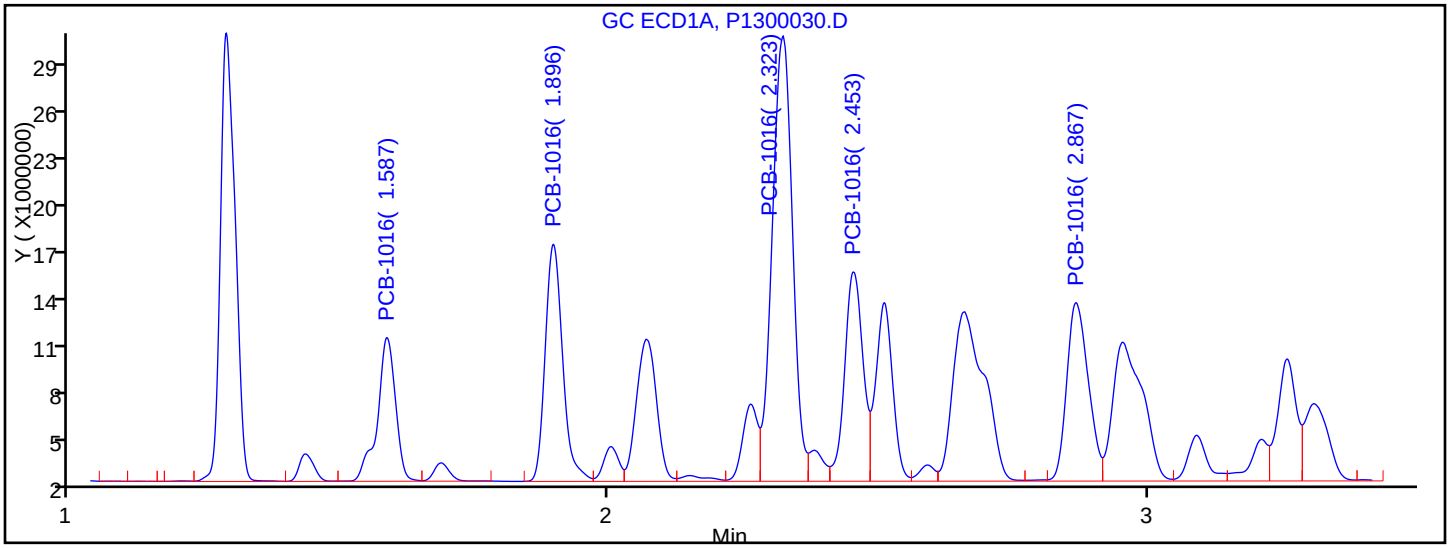
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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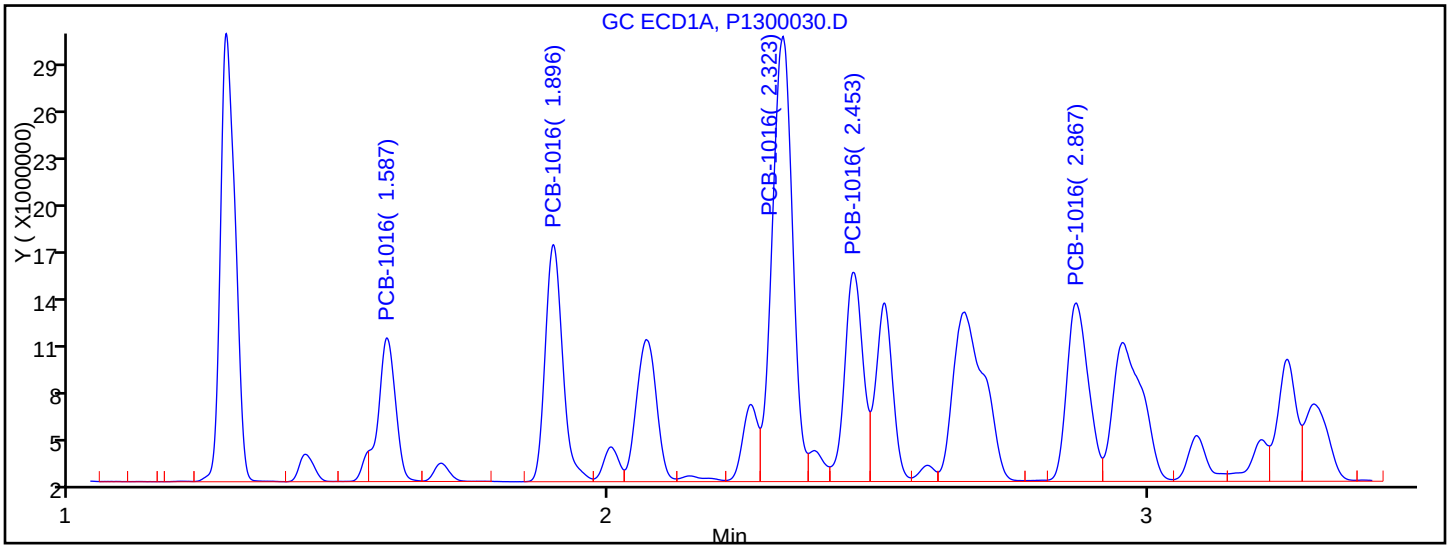
Injection Date:	21-Oct-2012 23:36:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.587	Response = 21555059	M
RT = 1.896	Response = 34227045	
RT = 2.323	Response = 74790478	
RT = 2.453	Response = 31738380	
RT = 2.867	Response = 31854695	



Manual Integration Results

RT = 1.587	Response = 20015250	M
RT = 1.896	Response = 34227045	
RT = 2.323	Response = 74790478	
RT = 2.453	Response = 31738380	
RT = 2.867	Response = 31854695	

Reviewer: hassl, 22-Oct-2012 09:09:17

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300031.D		
Lims ID:	STD1 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:50:59	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014228-031		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	62068	Lims Sample ID:	31
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:03	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.289	1.289	0.000	105139798	0.0461			
2	2	1.652	1.651	0.001	71004501	0.0494			
						RPD = 7.03			
6 PCB-1016									M
1	100	1.588	1.587	0.001	36354352	0.8942		100.0	M
1	2	1.897	1.896	0.001	64408075	0.8961	149.3- 199.3	177.2	
1	3	2.323	2.323	0.000	142796313	0.9200	350.2- 400.2	392.8	
1	4	2.454	2.453	0.001	60751481	0.9423	130.7- 180.7	167.1	
1	5	2.868	2.867	0.001	62498314	0.9211	137.9- 187.9	171.9	
			Average of Peak Amounts =			0.9147			
2	6	2.148	2.147	0.001	20522052	0.9132		100.0	
2	7	2.572	2.571	0.001	43028180	0.9172	176.5- 236.5	209.7	
2	8	3.053	3.054	-0.001	86921748	0.9567	362.5- 422.5	423.6	
2	9	3.200	3.201	-0.001	36030617	0.9306	137.9- 197.9	175.6	
2	10	3.853	3.854	-0.001	34526619	0.9573	118.8- 178.8	168.2	
			Average of Peak Amounts =			0.9350			
						RPD = 2.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	94842713	0.9357		100.0	
1	2	4.468	4.469	-0.001	187849831	0.9363	175.1- 225.1	198.1	
1	3	4.768	4.767	0.001	190365810	0.9516	173.2- 223.2	200.7	
1	4	5.518	5.518	0.000	263611969	0.9698	244.1- 294.1	277.9	
1	5	5.821	5.820	0.001	126153832	0.9768	101.5- 151.5	133.0	
			Average of Peak Amounts =			0.9541			
2	6	5.142	5.141	0.001	63406259	0.9514		100.0	
2	7	5.388	5.389	-0.001	73993635	1.01	86.6- 146.6	116.7	
2	8	5.777	5.776	0.001	113549892	0.9719	142.9- 202.9	179.1	
2	9	6.509	6.509	0.000	141048533	0.99	179.5- 239.5	222.5	
2	10	6.912	6.910	0.002	102225663	0.9817	121.8- 181.8	161.2	
			Average of Peak Amounts =			0.9813			
						RPD = 2.82			
$ 12 DCB Decachlorobiphenyl									
1	100	7.057	7.056	0.001	114326720	0.0490			
2	2	8.224	8.224	0.000	66660683	0.0495			
						RPD = 1.06			

QC Flag Legend

Review Flags
M - Manually Integrated

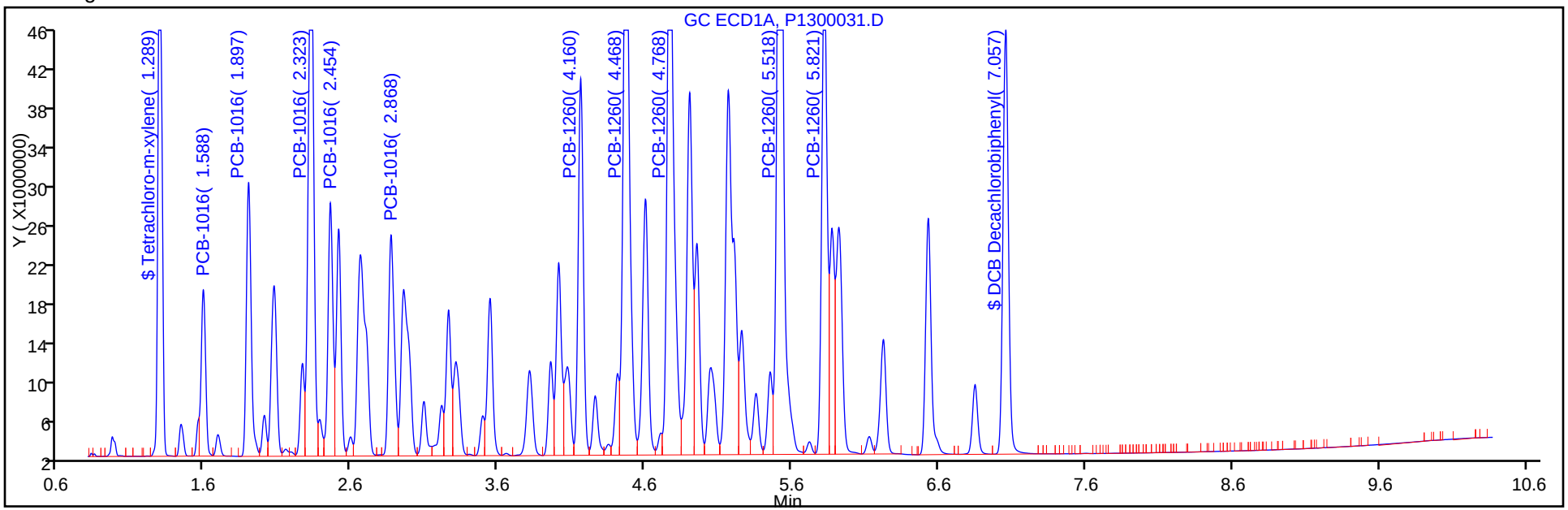
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

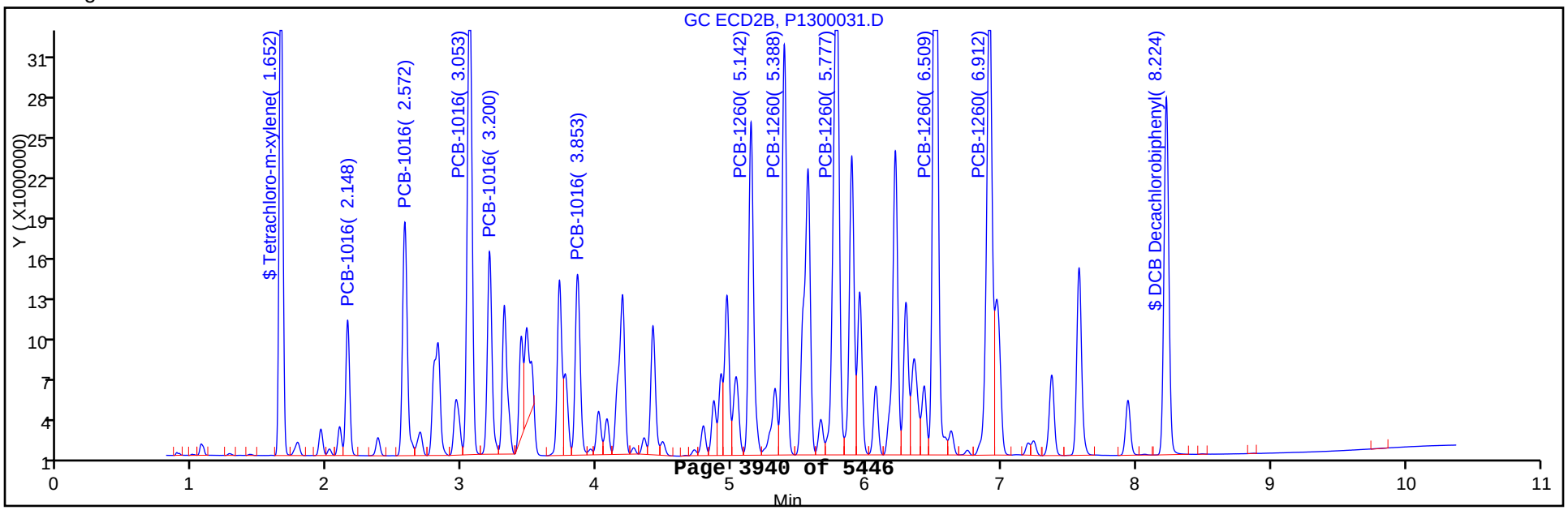
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Injection Date:	21-Oct-2012 23:50:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



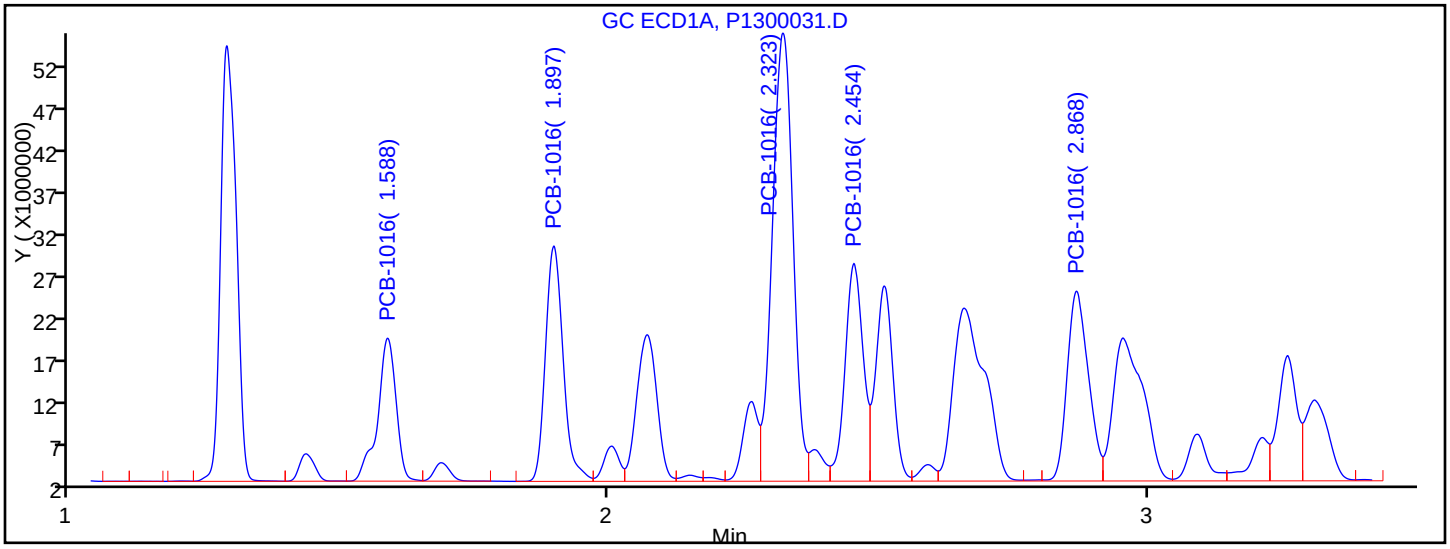
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300031.D

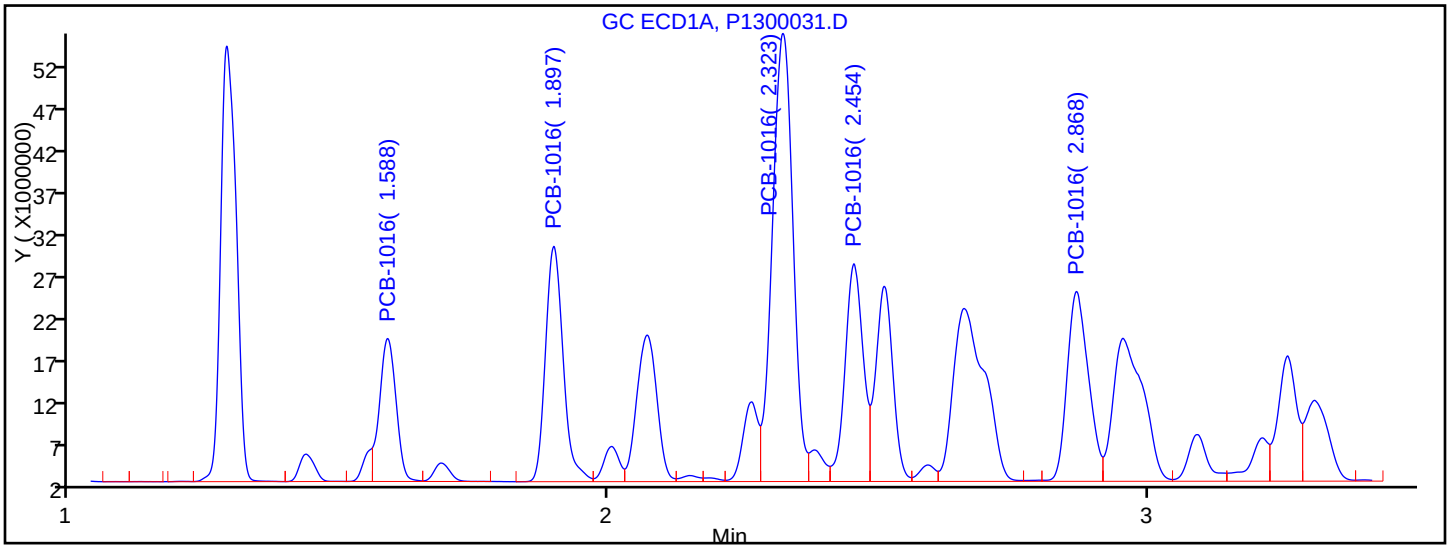
Injection Date:	21-Oct-2012 23:50:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.588	Response = 40767713	M
RT = 1.897	Response = 64408075	
RT = 2.323	Response = 142796313	
RT = 2.454	Response = 60751481	
RT = 2.868	Response = 62498314	



Manual Integration Results

RT = 1.588	Response = 36354352	M
RT = 1.897	Response = 64408075	
RT = 2.323	Response = 142796313	
RT = 2.454	Response = 60751481	
RT = 2.868	Response = 62498314	

Reviewer: hassl, 22-Oct-2012 09:09:35

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D		
Lims ID:	STD2 1660	Client ID:	
Inject. Date:	22-Oct-2012 00:05:52	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-032		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	62068	Lims Sample ID:	32
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:01	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:50

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.288	1.289	-0.001	192435742	0.0843			
2	2	1.650	1.651	-0.001	139158982	0.0968			
						RPD = 13.85			
6 PCB-1016									M
1	100	1.586	1.587	-0.001	66066688	1.63		100.0	M
1	2	1.895	1.896	-0.001	118078883	1.64	149.3- 199.3	178.7	
1	3	2.322	2.323	-0.001	266203057	1.72	350.2- 400.2	402.9	
1	4	2.452	2.453	-0.001	115825317	1.80	130.7- 180.7	175.3	
1	5	2.867	2.867	0.000	119184603	1.76	137.9- 187.9	180.4	
			Average of Peak Amounts =			1.71			
2	6	2.147	2.147	0.000	39630464	1.76		100.0	
2	7	2.571	2.571	0.000	82613093	1.76	176.5- 236.5	208.5	
2	8	3.053	3.054	-0.001	169334332	1.86	362.5- 422.5	427.3	
2	9	3.201	3.201	0.000	70483896	1.82	137.9- 197.9	177.9	
2	10	3.853	3.854	-0.001	68540290	1.90	118.8- 178.8	172.9	
			Average of Peak Amounts =			1.82			
						RPD = 6.50			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.159	4.160	-0.001	179720110	1.77		100.0	
1	2	4.469	4.469	0.000	354090911	1.76	175.1- 225.1	197.0	
1	3	4.767	4.767	0.000	359861421	1.80	173.2- 223.2	200.2	
1	4	5.518	5.518	0.000	499797077	1.84	244.1- 294.1	278.1	
1	5	5.820	5.820	0.000	241501643	1.87	101.5- 151.5	134.4	
			Average of Peak Amounts =			1.81			
2	6	5.140	5.141	-0.001	124581130	1.87		100.0	
2	7	5.388	5.389	-0.001	144653625	2.02	86.6- 146.6	116.1	
2	8	5.776	5.776	0.000	222224121	1.90	142.9- 202.9	178.4	
2	9	6.509	6.509	0.000	277091654	1.95	179.5- 239.5	222.4	
2	10	6.911	6.910	0.001	202027569	1.94	121.8- 181.8	162.2	
			Average of Peak Amounts =			1.94			
						RPD = 6.73			
$ 12 DCB Decachlorobiphenyl									
1	100	7.054	7.056	-0.002	223131818	0.0956			
2	2	8.224	8.224	0.000	133427531	0.0991			
						RPD = 3.58			

QC Flag Legend

Review Flags
M - Manually Integrated

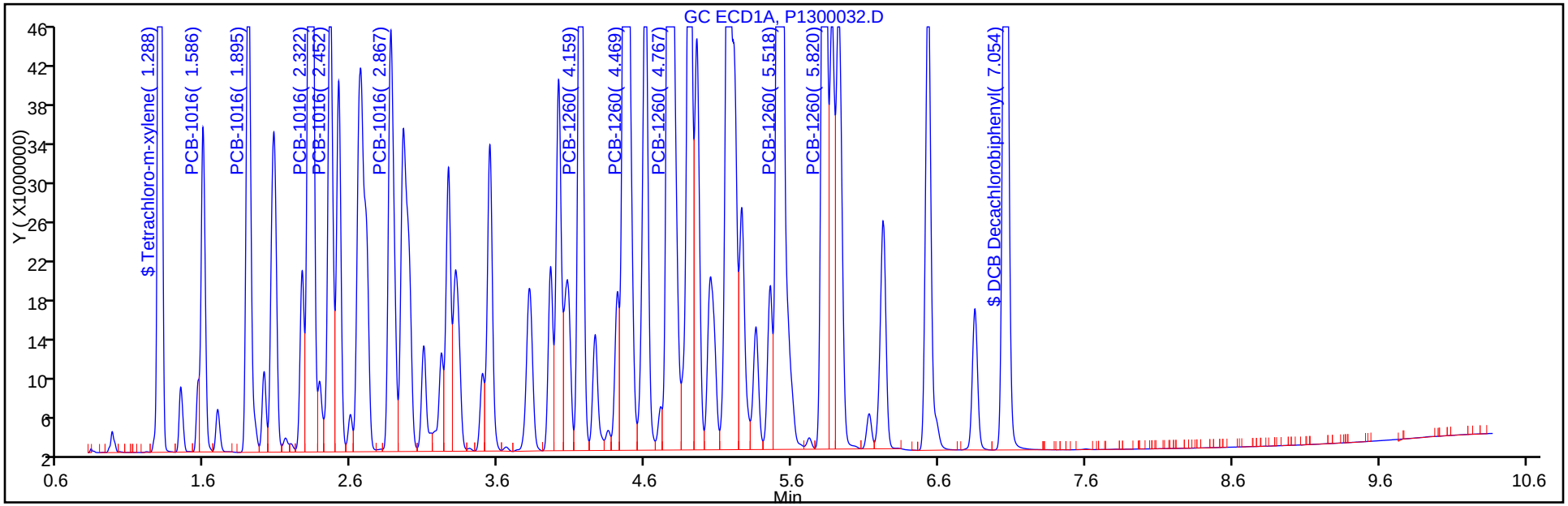
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

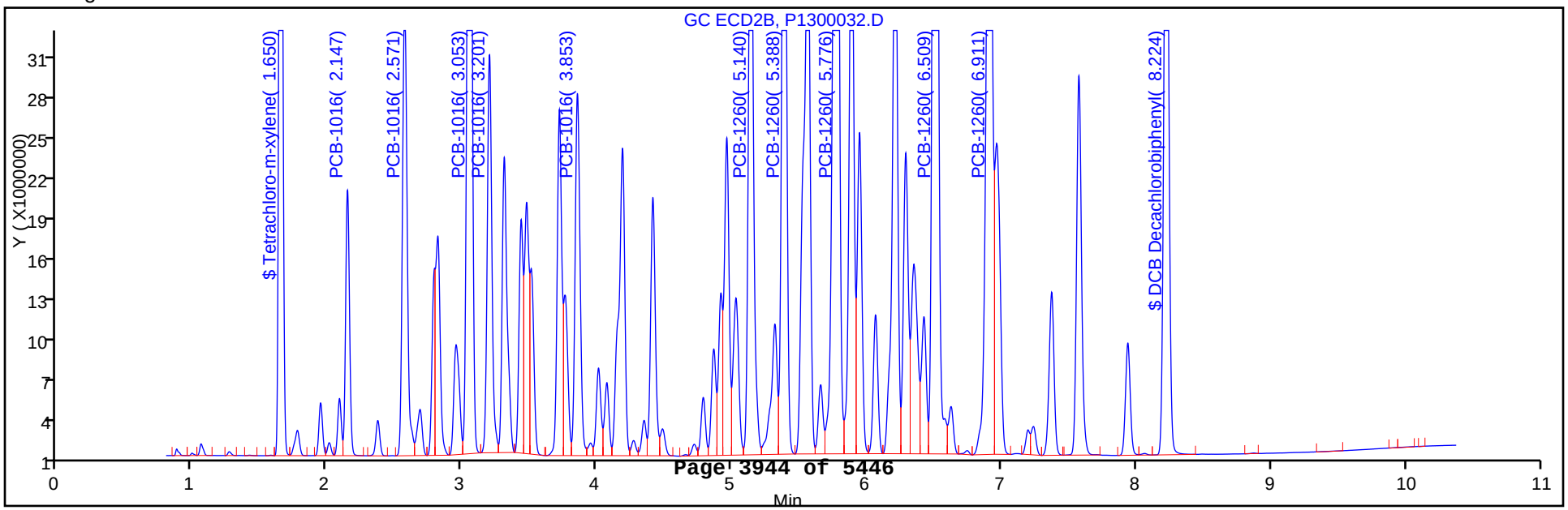
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Injection Date:	22-Oct-2012 00:05:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



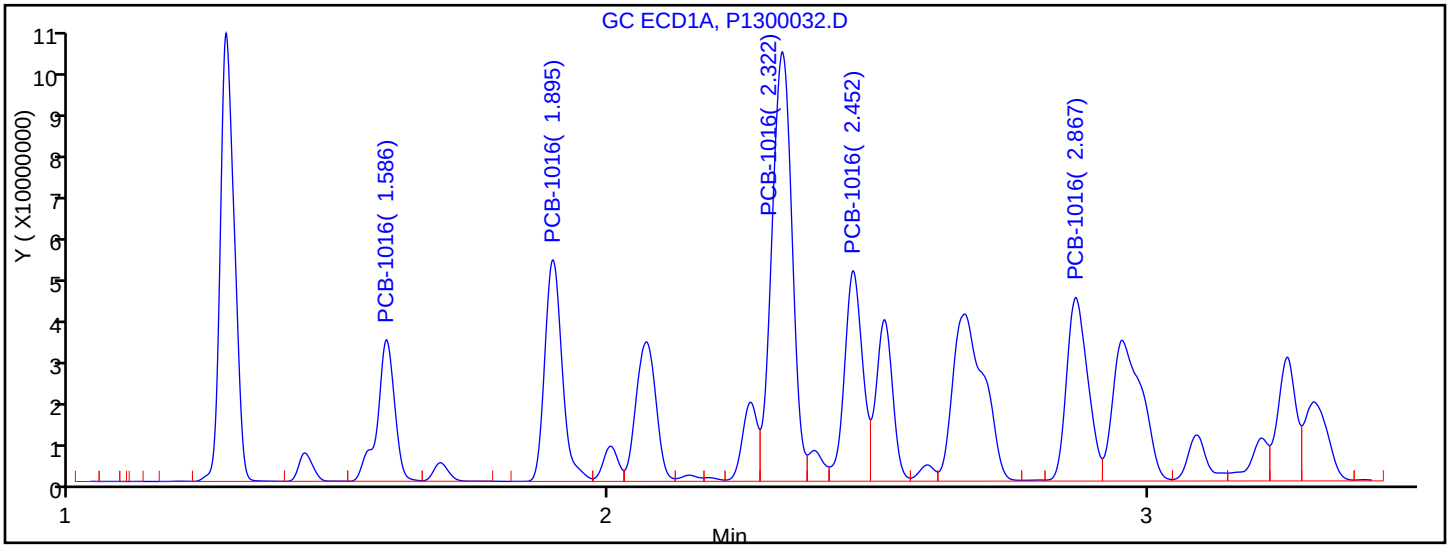
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D

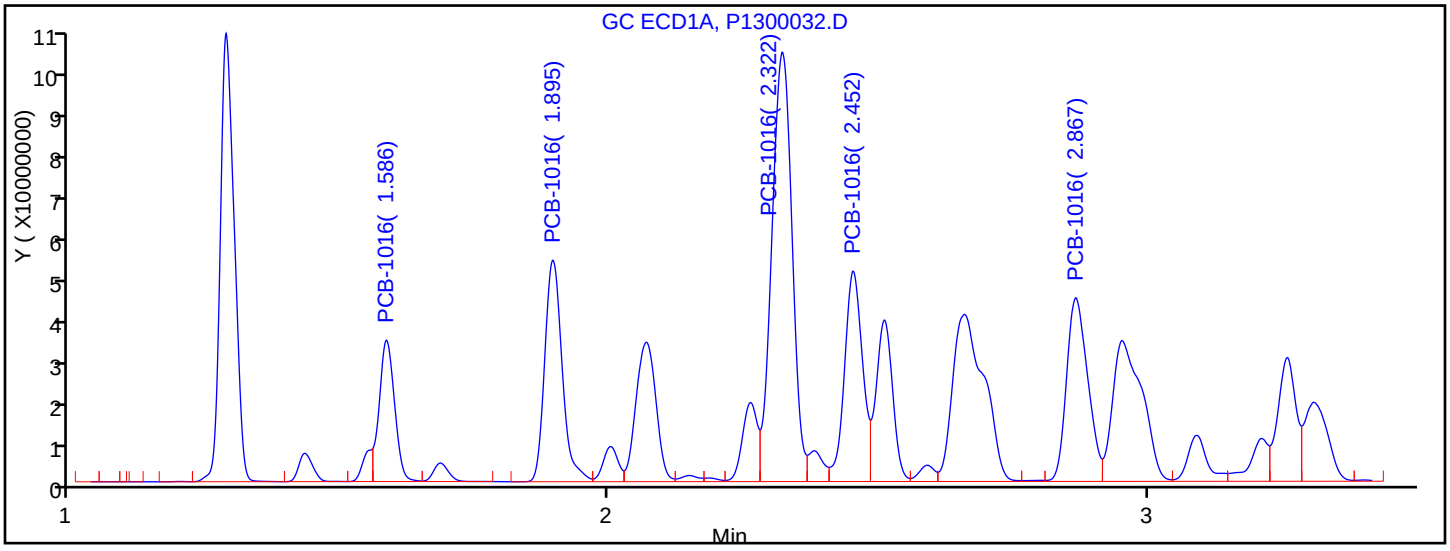
Injection Date:	22-Oct-2012 00:05:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 75480118	M
RT = 1.895	Response = 118078883	
RT = 2.322	Response = 266203057	
RT = 2.452	Response = 115825317	
RT = 2.867	Response = 119184603	



Manual Integration Results

RT = 1.586	Response = 66066688	M
RT = 1.895	Response = 118078883	
RT = 2.322	Response = 266203057	
RT = 2.452	Response = 115825317	
RT = 2.867	Response = 119184603	

Reviewer: hassl, 22-Oct-2012 09:09:50

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 22:51 Calibration End Date: 10/22/2012 00:05 Calibration ID: 12037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/27	P1300027.D
Level 2	STD01 240-62068/28	P1300028.D
Level 3	STD02 240-62068/29	P1300029.D
Level 4	STD05 240-62068/30	P1300030.D
Level 5	STD1 240-62068/31	P1300031.D
Level 6	STD2 240-62068/32	P1300032.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	2.147	2.147	2.147	2.147	2.148	2.147					2.097 - 2.197	2.147
PCB-1016 Peak 2	2.571	2.572	2.571	2.571	2.572	2.571					2.521 - 2.621	2.571
PCB-1016 Peak 3	3.052	3.052	3.053	3.054	3.053	3.053					3.004 - 3.104	3.053
PCB-1016 Peak 4	3.200	3.201	3.201	3.201	3.200	3.201					3.151 - 3.251	3.201
PCB-1016 Peak 5	3.854	3.853	3.854	3.854	3.853	3.853					3.804 - 3.904	3.854
PCB-1260 Peak 1	5.141	5.141	5.141	5.141	5.142	5.140					5.091 - 5.191	5.141
PCB-1260 Peak 2	5.386	5.387	5.388	5.389	5.388	5.388					5.339 - 5.439	5.388
PCB-1260 Peak 3	5.777	5.775	5.776	5.776	5.777	5.776					5.726 - 5.826	5.776
PCB-1260 Peak 4	6.508	6.509	6.509	6.509	6.509	6.509					6.459 - 6.559	6.509
PCB-1260 Peak 5	6.910	6.911	6.911	6.910	6.912	6.911					6.860 - 6.960	6.911
Tetrachloro-m-xylene	1.650	1.651	1.651	1.651	1.652	1.650					1.601 - 1.701	1.651
DCB Decachlorobiphenyl	8.223	8.224	8.224	8.224	8.224	8.224					8.174 - 8.274	8.224

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 22:51 Calibration End Date: 10/22/2012 00:05 Calibration ID: 12037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/27	P1300027.D
Level 2	STD01 240-62068/28	P1300028.D
Level 3	STD02 240-62068/29	P1300029.D
Level 4	STD05 240-62068/30	P1300030.D
Level 5	STD1 240-62068/31	P1300031.D
Level 6	STD2 240-62068/32	P1300032.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	26059800 20522052	24360570 19815232	22957755	21125622	Ave		22473505.2				11.0		20.0			
PCB-1016 Peak 2	54323300 43028180	50962630 41306547	47396525	44444882	Ave		46910343.9				11.0		20.0			
PCB-1016 Peak 3	100691080 86921748	95032470 84667166	90118490	87712612	Ave		90857261.0				6.6		20.0			
PCB-1016 Peak 4	44297180 36030617	41513200 35241948	38552015	36664574	Ave		38716589.0				9.1		20.0			
PCB-1016 Peak 5	39109840 34526619	39040640 34270145	34170490	35287418	Ave		36067525.3				6.6		20.0			
PCB-1260 Peak 1	73760440 63406259	69627340 62290565	66930155	63877542	Ave		66648716.8				6.6		20.0			
PCB-1260 Peak 2	155448900 73993635	82551750 72326813	78030805	76644766	Lin1	3060963.51	70191595.6							0.9950		0.9900
PCB-1260 Peak 3	126389440 113549892	121503720 111112061	115721925	112732536	Ave		116834929				5.1		20.0			
PCB-1260 Peak 4	149271480 141048533	144840670 138545827	140233660	139803496	Ave		142290611				2.8		20.0			
PCB-1260 Peak 5	110726520 102225663	107965920 101013785	101604860	101267930	Ave		104134113				4.0		20.0			
Tetrachloro-m-xylene	1504761200 1420090020	1455978400 1391589820	1450444300	1399442840	Ave		1437051097				2.9		20.0			
DCB Decachlorobiphenyl	1436904800 1333213660	1338602600 1334275310	1327828800	1310659640	Ave		1346914135				3.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 62068

SDG No.:

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/21/2012 22:51 Calibration End Date: 10/22/2012 00:05 Calibration ID: 12037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-62068/27	P1300027.D
Level 2	STD01 240-62068/28	P1300028.D
Level 3	STD02 240-62068/29	P1300029.D
Level 4	STD05 240-62068/30	P1300030.D
Level 5	STD1 240-62068/31	P1300031.D
Level 6	STD2 240-62068/32	P1300032.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	1302990 39630464	2436057	4591551	10562811	20522052	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	Ave	2716165 82613093	5096263	9479305	22222441	43028180	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	Ave	5034554 169334332	9503247	18023698	43856306	86921748	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	Ave	2214859 70483896	4151320	7710403	18332287	36030617	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	Ave	1955492 68540290	3904064	6834098	17643709	34526619	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	Ave	3688022 124581130	6962734	13386031	31938771	63406259	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	Lin1	7772445 144653625	8255175	15606161	38322383	73993635	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	Ave	6319472 222224121	12150372	23144385	56366268	113549892	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	Ave	7463574 277091654	14484067	28046732	69901748	141048533	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	Ave	5536326 202027569	10796592	20320972	50633965	102225663	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	Ave	3761903 139158982	7279892	14504443	34986071	71004501	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	Ave	3592262 133427531	6693013	13278288	32766491	66660683	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300027.D		
Lims ID:	STD005 1660	Client ID:	
Inject. Date:	21-Oct-2012 22:51:20	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014228-027		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	27
Lims Batch ID:	62068	Lims Sample ID:	27
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:10	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:08:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.288	1.289	-0.001	6515268	0.002854			
2	2	1.650	1.651	-0.001	3761903	0.002618			
						RPD = 8.63			
6 PCB-1016									M
1	100	1.587	1.587	0.000	2378530	0.0585		100.0	M
1	2	1.896	1.896	0.000	4305568	0.0599	149.3- 199.3	181.0	
1	3	2.322	2.323	-0.001	9025258	0.0581	350.2- 400.2	379.4	
1	4	2.453	2.453	0.000	3599059	0.0558	130.7- 180.7	151.3	
1	5	2.866	2.867	-0.001	4030278	0.0594	137.9- 187.9	169.4	
			Average of Peak Amounts =			0.0584			
2	6	2.147	2.147	0.000	1302990	0.0580		100.0	
2	7	2.571	2.571	0.000	2716165	0.0579	176.5- 236.5	208.5	
2	8	3.052	3.054	-0.002	5034554	0.0554	362.5- 422.5	386.4	
2	9	3.200	3.201	-0.001	2214859	0.0572	137.9- 197.9	170.0	
2	10	3.854	3.854	0.000	1955492	0.0542	118.8- 178.8	150.1	
			Average of Peak Amounts =			0.0565			
						RPD = 3.15			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.159	4.160	-0.001	5790356	0.0571		100.0	
1	2	4.468	4.469	-0.001	11359656	0.0566	175.1- 225.1	196.2	
1	3	4.767	4.767	0.000	11034928	0.0552	173.2- 223.2	190.6	
1	4	5.518	5.518	0.000	14474481	0.0533	244.1- 294.1	250.0	
1	5	5.822	5.820	0.002	6832617	0.0529	101.5- 151.5	118.0	
			Average of Peak Amounts =			0.0550			
2	6	5.141	5.141	0.000	3688022	0.0553		100.0	
2	7	5.386	5.389	-0.003	7772445	0.0671	86.6- 146.6	210.7	
2	8	5.777	5.776	0.001	6319472	0.0541	142.9- 202.9	171.4	
2	9	6.508	6.509	-0.001	7463574	0.0525	179.5- 239.5	202.4	
2	10	6.910	6.910	0.000	5536326	0.0532	121.8- 181.8	150.1	
			Average of Peak Amounts =			0.0564			
						RPD = 2.55			
$ 12 DCB Decachlorobiphenyl									
1	100	7.057	7.056	0.001	6277448	0.002689			
2	2	8.223	8.224	-0.001	3592262	0.002667			
						RPD = 0.81			

QC Flag Legend

Review Flags
M - Manually Integrated

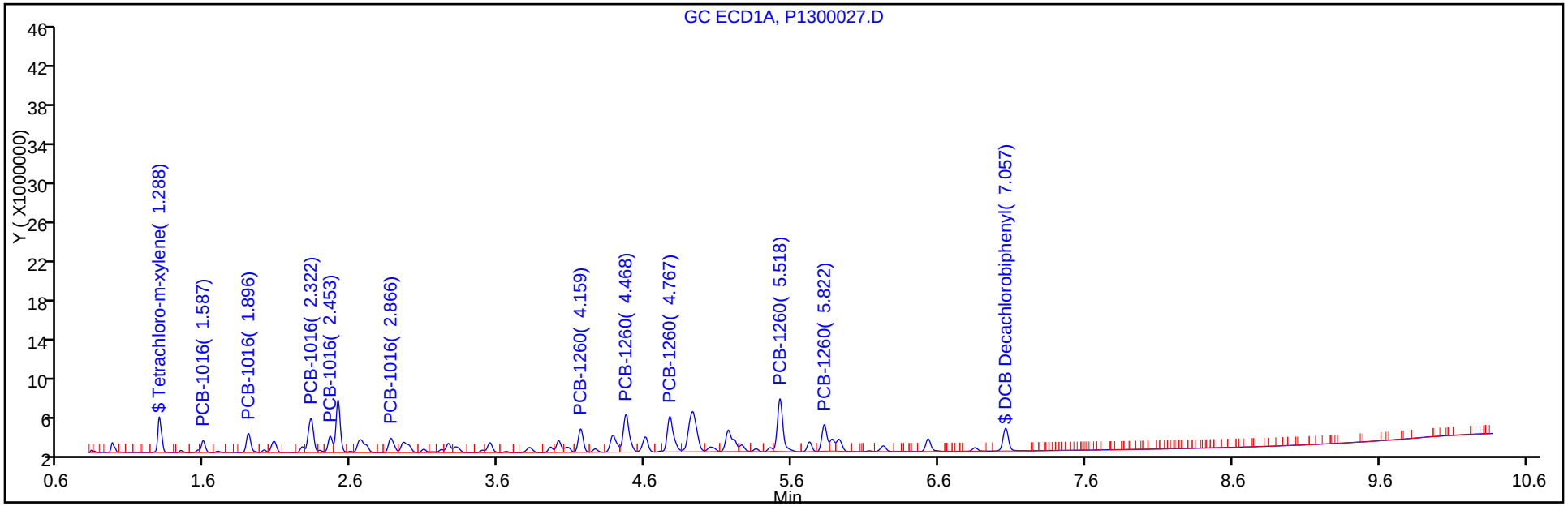
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

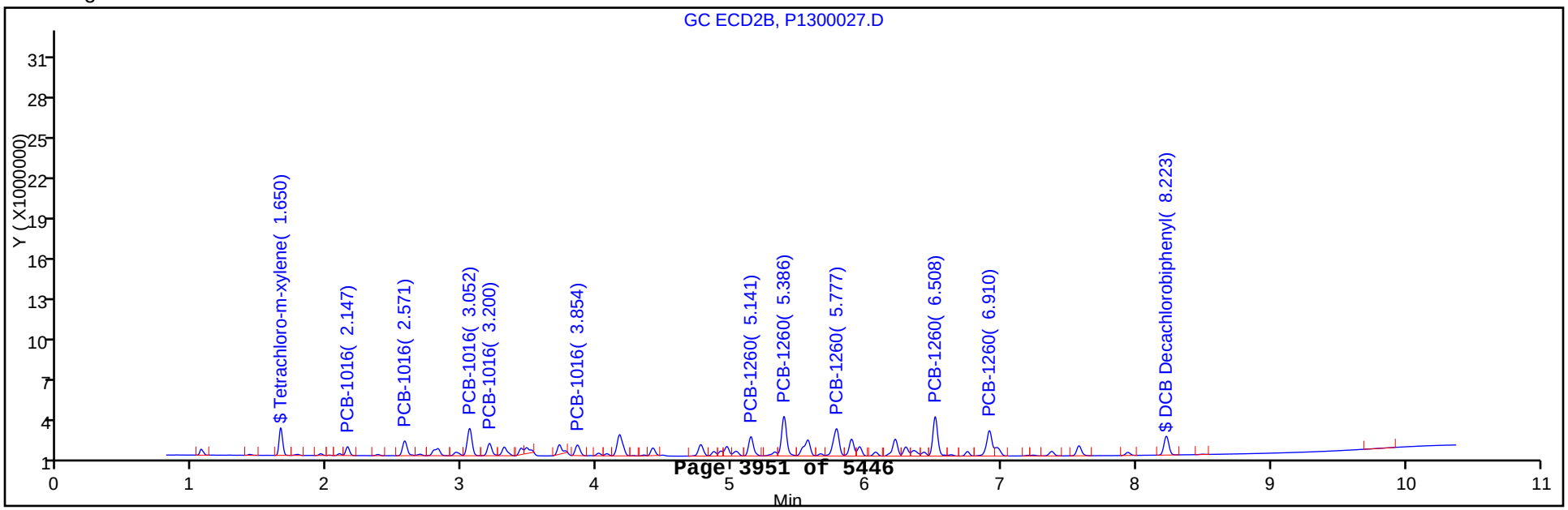
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Injection Date:	21-Oct-2012 22:51:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300028.D		
Lims ID:	STD01 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:06:20	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014228-028		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	62068	Lims Sample ID:	28
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:08	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:08:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.288	1.289	-0.001	12350427	0.005410			
2	2	1.651	1.651	0.000	7279892	0.005066			
						RPD = 6.57			
6 PCB-1016									M
1	100	1.587	1.587	0.000	4487962	0.1104		100.0	M
1	2	1.897	1.896	0.001	7991089	0.1112	149.3- 199.3	178.1	
1	3	2.322	2.323	-0.001	16751406	0.1079	350.2- 400.2	373.3	
1	4	2.453	2.453	0.000	6720413	0.1042	130.7- 180.7	149.7	
1	5	2.867	2.867	0.000	7217906	0.1064	137.9- 187.9	160.8	
			Average of Peak Amounts =			0.1080			
2	6	2.147	2.147	0.000	2436057	0.1084		100.0	
2	7	2.572	2.571	0.001	5096263	0.1086	176.5- 236.5	209.2	
2	8	3.052	3.054	-0.002	9503247	0.1046	362.5- 422.5	390.1	
2	9	3.201	3.201	0.000	4151320	0.1072	137.9- 197.9	170.4	
2	10	3.853	3.854	-0.001	3904064	0.1082	118.8- 178.8	160.3	
			Average of Peak Amounts =			0.1074			
						RPD = 0.56			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.161	4.160	0.001	10778948	0.1063		100.0	
1	2	4.469	4.469	0.000	21526889	0.1073	175.1- 225.1	199.7	
1	3	4.768	4.767	0.001	21160207	0.1058	173.2- 223.2	196.3	
1	4	5.517	5.518	-0.001	28452670	0.1047	244.1- 294.1	264.0	
1	5	5.821	5.820	0.001	13451588	0.1042	101.5- 151.5	124.8	
			Average of Peak Amounts =			0.1057			
2	6	5.141	5.141	0.000	6962734	0.1045		100.0	
2	7	5.387	5.389	-0.002	8255175	0.0740	86.6- 146.6	118.6	
2	8	5.775	5.776	-0.001	12150372	0.1040	142.9- 202.9	174.5	
2	9	6.509	6.509	0.000	14484067	0.1018	179.5- 239.5	208.0	
2	10	6.911	6.910	0.001	10796592	0.1037	121.8- 181.8	155.1	
			Average of Peak Amounts =			0.0976			
						RPD = 7.93			
$ 12 DCB Decachlorobiphenyl									
1	100	7.057	7.056	0.001	11994219	0.005137			
2	2	8.224	8.224	0.000	6693013	0.004969			
						RPD = 3.33			

QC Flag Legend

Review Flags
M - Manually Integrated

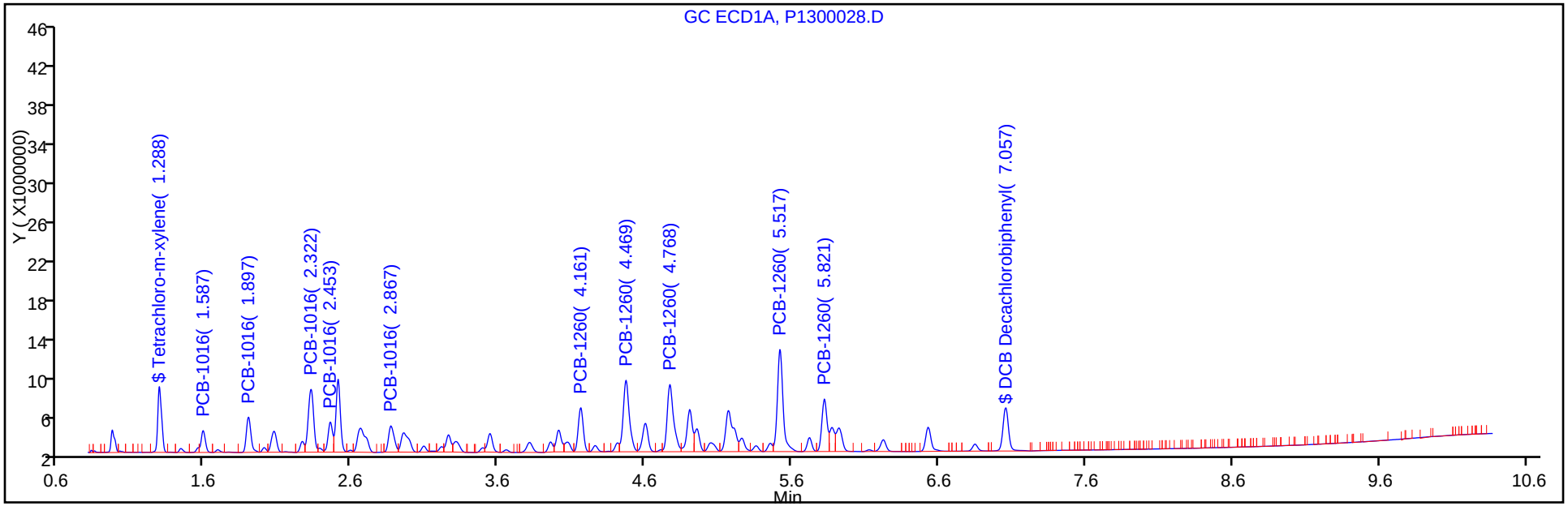
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

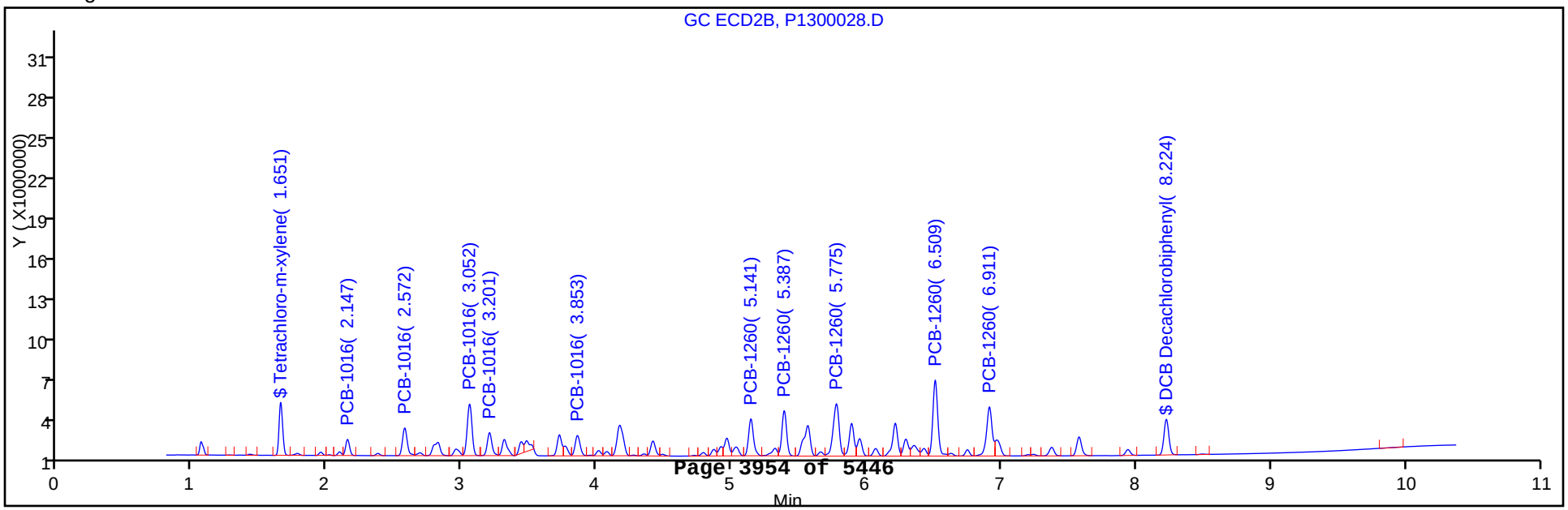
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Injection Date:	21-Oct-2012 23:06:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300029.D
Lims ID: STD02 1660 Client ID:
Inject. Date: 21-Oct-2012 23:21:13 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014228-029
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 29
Lims Batch ID: 62068 Lims Sample ID: 29
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:06 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.289	1.289	0.000	23972590	0.0105			
2	2	1.651	1.651	0.000	14504443	0.0101			
						RPD = 3.96			
6 PCB-1016									M
1	100	1.587	1.587	0.000	8412969	0.2069		100.0	M
1	2	1.896	1.896	0.000	14667607	0.2041	149.3- 199.3	174.3	
1	3	2.322	2.323	-0.001	31562070	0.2033	350.2- 400.2	375.2	
1	4	2.453	2.453	0.000	13101772	0.2032	130.7- 180.7	155.7	
1	5	2.867	2.867	0.000	13702036	0.2019	137.9- 187.9	162.9	
			Average of Peak Amounts =			0.2039			
2	6	2.147	2.147	0.000	4591551	0.2043		100.0	
2	7	2.571	2.571	0.000	9479305	0.2021	176.5- 236.5	206.5	
2	8	3.053	3.054	-0.001	18023698	0.1984	362.5- 422.5	392.5	
2	9	3.201	3.201	0.000	7710403	0.1991	137.9- 197.9	167.9	
2	10	3.854	3.854	0.000	6834098	0.1895	118.8- 178.8	148.8	
			Average of Peak Amounts =			0.1987			
						RPD = 2.59			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	20334104	0.2006		100.0	
1	2	4.468	4.469	-0.001	40686304	0.2028	175.1- 225.1	200.1	
1	3	4.768	4.767	0.001	40310366	0.2015	173.2- 223.2	198.2	
1	4	5.518	5.518	0.000	54709873	0.2013	244.1- 294.1	269.1	
1	5	5.820	5.820	0.000	25719142	0.1991	101.5- 151.5	126.5	
			Average of Peak Amounts =			0.2011			
2	6	5.141	5.141	0.000	13386031	0.2008		100.0	
2	7	5.388	5.389	-0.001	15606161	0.1787	86.6- 146.6	116.6	
2	8	5.776	5.776	0.000	23144385	0.1981	142.9- 202.9	172.9	
2	9	6.509	6.509	0.000	28046732	0.1971	179.5- 239.5	209.5	
2	10	6.911	6.910	0.001	20320972	0.1951	121.8- 181.8	151.8	
			Average of Peak Amounts =			0.1940			
						RPD = 3.59			
$ 12 DCB Decachlorobiphenyl									
1	100	7.058	7.056	0.002	23149148	0.0099			
2	2	8.224	8.224	0.000	13278288	0.009858			
						RPD = 0.58			

QC Flag Legend

Review Flags
M - Manually Integrated

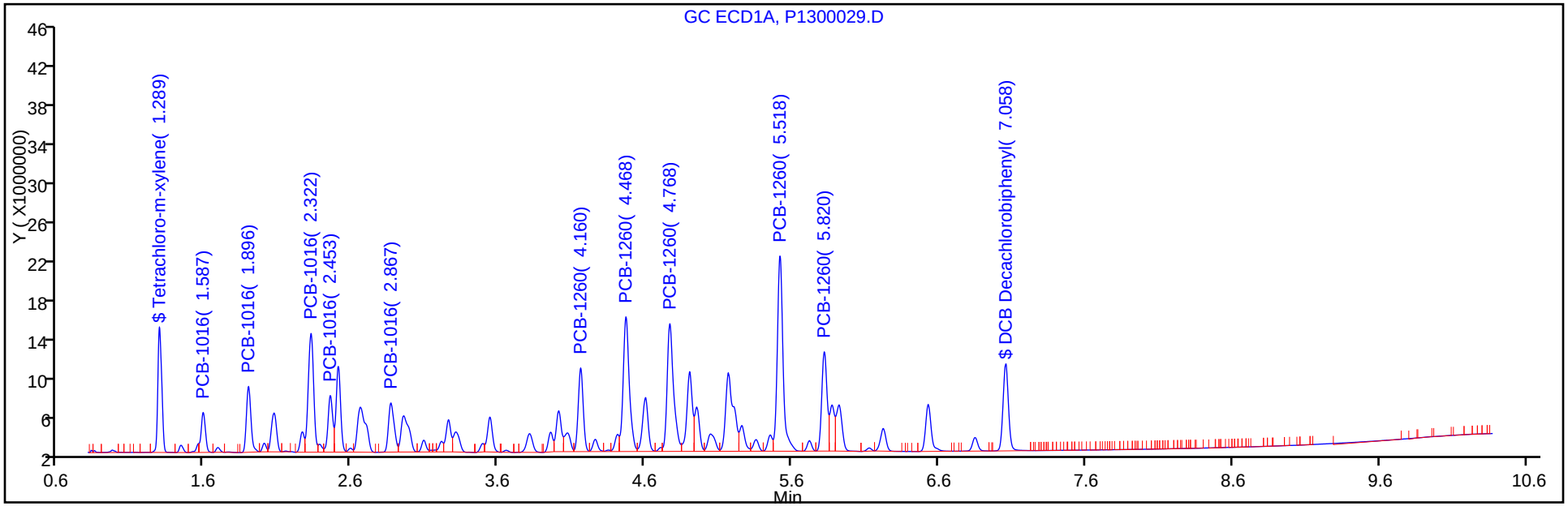
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TestAmerica Canton

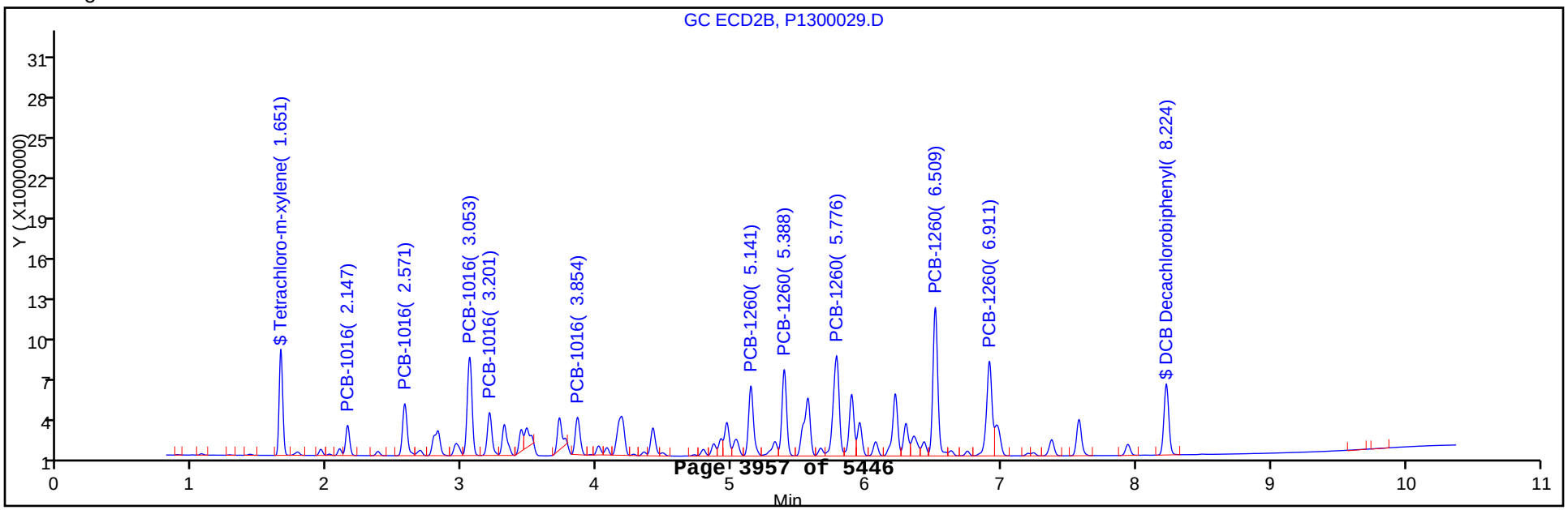
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Injection Date:	21-Oct-2012 23:21:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300030.D		
Lims ID:	STD05 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:36:05	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	4
Sample ID:	240-0014228-030		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	30
Lims Batch ID:	62068	Lims Sample ID:	30
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:05	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.289	1.289	0.000	54915010	0.0241			
2	2	1.651	1.651	0.000	34986071	0.0243			
						RPD = 1.20			
6 PCB-1016									M
1	100	1.587	1.587	0.000	20015250	0.4923		100.0	M
1	2	1.896	1.896	0.000	34227045	0.4762	149.3- 199.3	171.0	
1	3	2.323	2.323	0.000	74790478	0.4818	350.2- 400.2	373.7	
1	4	2.453	2.453	0.000	31738380	0.4923	130.7- 180.7	158.6	
1	5	2.867	2.867	0.000	31854695	0.4695	137.9- 187.9	159.2	
			Average of Peak Amounts =			0.4824			
2	6	2.147	2.147	0.000	10562811	0.4700		100.0	
2	7	2.571	2.571	0.000	22222441	0.4737	176.5- 236.5	210.4	
2	8	3.054	3.054	0.000	43856306	0.4827	362.5- 422.5	415.2	
2	9	3.201	3.201	0.000	18332287	0.4735	137.9- 197.9	173.6	
2	10	3.854	3.854	0.000	17643709	0.4892	118.8- 178.8	167.0	
			Average of Peak Amounts =			0.4778			
						RPD = 0.96			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	49081976	0.4843		100.0	
1	2	4.469	4.469	0.000	96503363	0.4810	175.1- 225.1	196.6	
1	3	4.767	4.767	0.000	98055137	0.4902	173.2- 223.2	199.8	
1	4	5.518	5.518	0.000	134891779	0.4963	244.1- 294.1	274.8	
1	5	5.820	5.820	0.000	64122168	0.4965	101.5- 151.5	130.6	
			Average of Peak Amounts =			0.4896			
2	6	5.141	5.141	0.000	31938771	0.4792		100.0	
2	7	5.389	5.389	0.000	38322383	0.5024	86.6- 146.6	120.0	
2	8	5.776	5.776	0.000	56366268	0.4824	142.9- 202.9	176.5	
2	9	6.509	6.509	0.000	69901748	0.4913	179.5- 239.5	218.9	
2	10	6.910	6.910	0.000	50633965	0.4862	121.8- 181.8	158.5	
			Average of Peak Amounts =			0.4883			
						RPD = 0.27			
$ 12 DCB Decachlorobiphenyl									
1	100	7.056	7.056	0.000	56634146	0.0243			
2	2	8.224	8.224	0.000	32766491	0.0243			
						RPD = 0.28			

QC Flag Legend

Review Flags
M - Manually Integrated

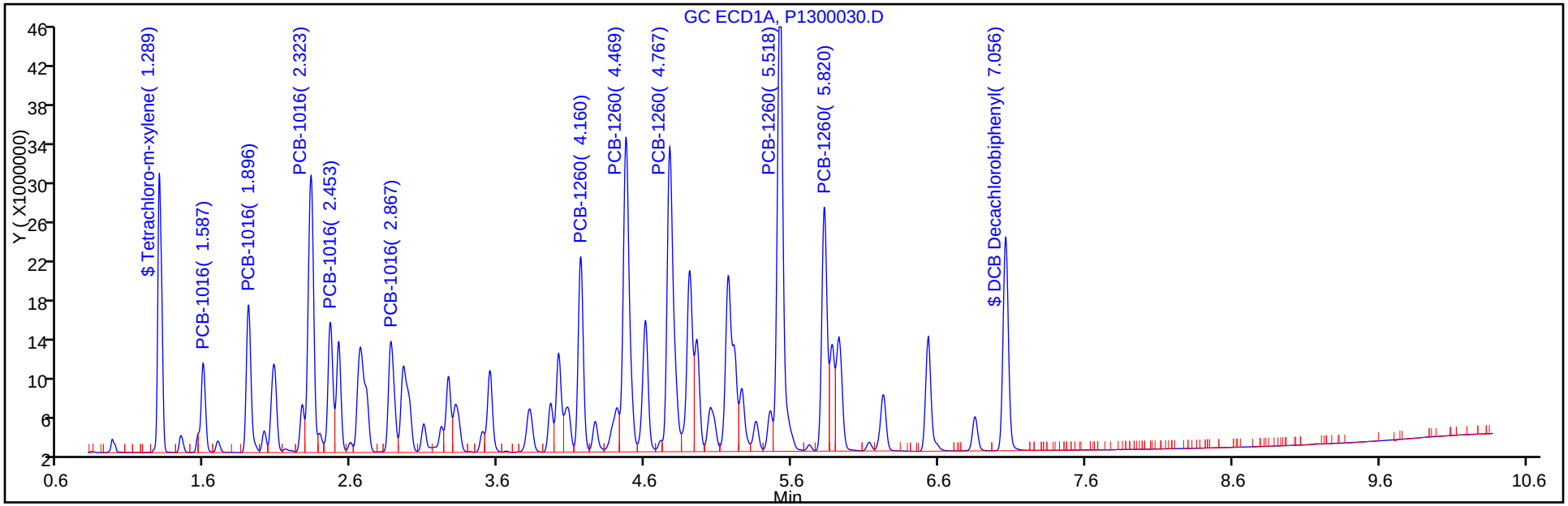
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

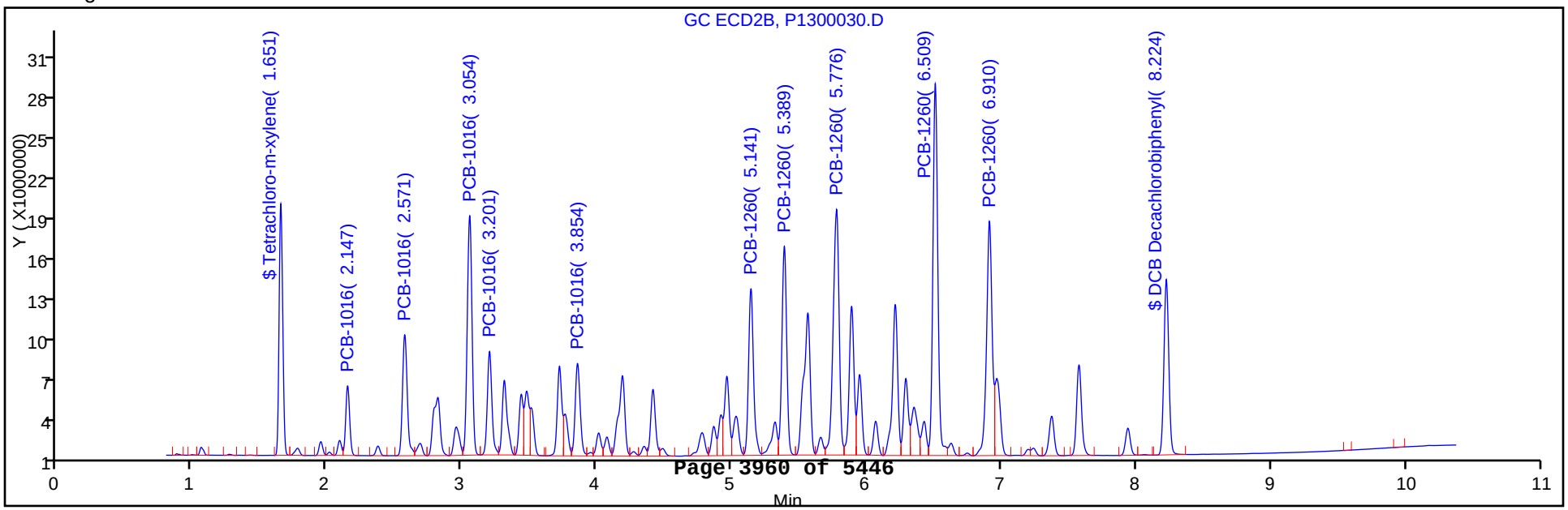
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300030.D

Injection Date:	21-Oct-2012 23:36:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300031.D		
Lims ID:	STD1 1660	Client ID:	
Inject. Date:	21-Oct-2012 23:50:59	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014228-031		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	62068	Lims Sample ID:	31
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:03	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.289	1.289	0.000	105139798	0.0461			
2	2	1.652	1.651	0.001	71004501	0.0494			
						RPD = 7.03			
6 PCB-1016									M
1	100	1.588	1.587	0.001	36354352	0.8942		100.0	M
1	2	1.897	1.896	0.001	64408075	0.8961	149.3- 199.3	177.2	
1	3	2.323	2.323	0.000	142796313	0.9200	350.2- 400.2	392.8	
1	4	2.454	2.453	0.001	60751481	0.9423	130.7- 180.7	167.1	
1	5	2.868	2.867	0.001	62498314	0.9211	137.9- 187.9	171.9	
			Average of Peak Amounts =			0.9147			
2	6	2.148	2.147	0.001	20522052	0.9132		100.0	
2	7	2.572	2.571	0.001	43028180	0.9172	176.5- 236.5	209.7	
2	8	3.053	3.054	-0.001	86921748	0.9567	362.5- 422.5	423.6	
2	9	3.200	3.201	-0.001	36030617	0.9306	137.9- 197.9	175.6	
2	10	3.853	3.854	-0.001	34526619	0.9573	118.8- 178.8	168.2	
			Average of Peak Amounts =			0.9350			
						RPD = 2.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	94842713	0.9357		100.0	
1	2	4.468	4.469	-0.001	187849831	0.9363	175.1- 225.1	198.1	
1	3	4.768	4.767	0.001	190365810	0.9516	173.2- 223.2	200.7	
1	4	5.518	5.518	0.000	263611969	0.9698	244.1- 294.1	277.9	
1	5	5.821	5.820	0.001	126153832	0.9768	101.5- 151.5	133.0	
			Average of Peak Amounts =			0.9541			
2	6	5.142	5.141	0.001	63406259	0.9514		100.0	
2	7	5.388	5.389	-0.001	73993635	1.01	86.6- 146.6	116.7	
2	8	5.777	5.776	0.001	113549892	0.9719	142.9- 202.9	179.1	
2	9	6.509	6.509	0.000	141048533	0.99	179.5- 239.5	222.5	
2	10	6.912	6.910	0.002	102225663	0.9817	121.8- 181.8	161.2	
			Average of Peak Amounts =			0.9813			
						RPD = 2.82			
$ 12 DCB Decachlorobiphenyl									
1	100	7.057	7.056	0.001	114326720	0.0490			
2	2	8.224	8.224	0.000	66660683	0.0495			
						RPD = 1.06			

QC Flag Legend

Review Flags
M - Manually Integrated

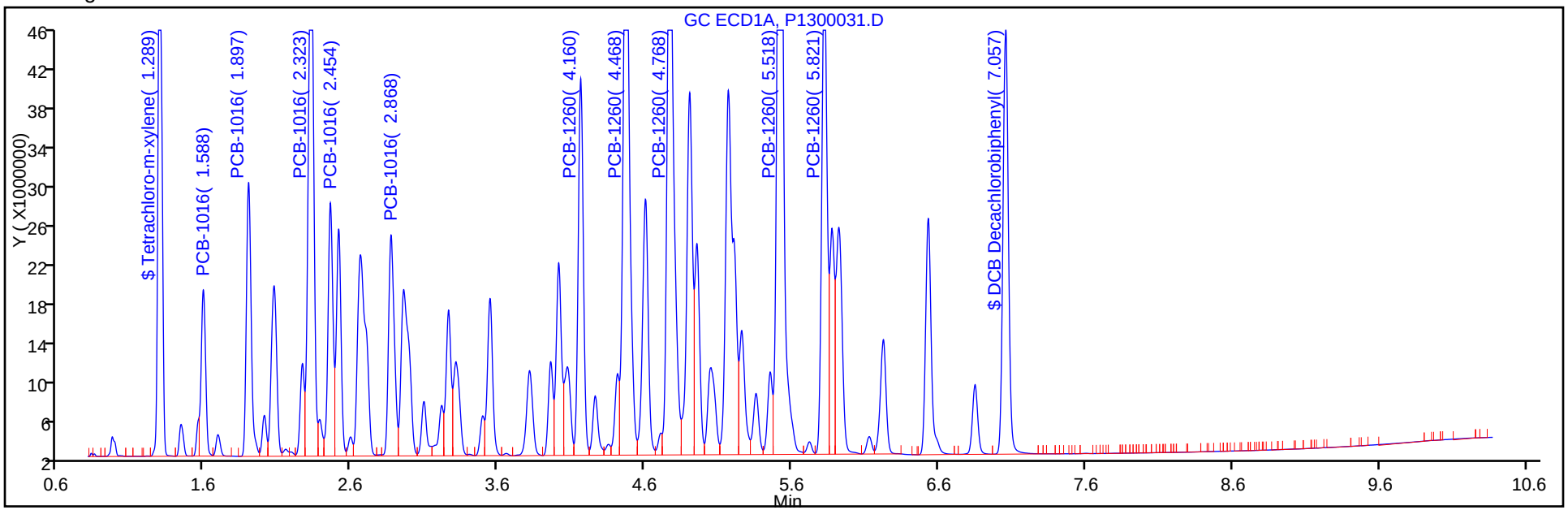
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

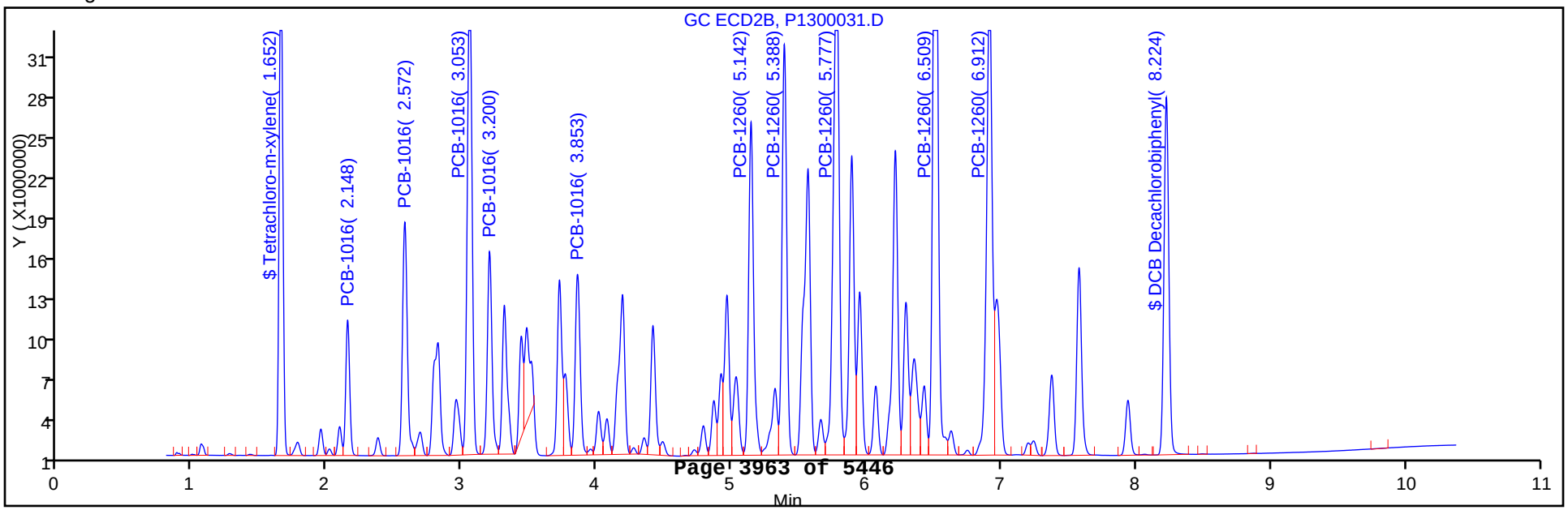
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300031.D

Injection Date:	21-Oct-2012 23:50:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D		
Lims ID:	STD2 1660	Client ID:	
Inject. Date:	22-Oct-2012 00:05:52	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014228-032		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	62068	Lims Sample ID:	32
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:01	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

First Level Reviewer: hassl Date: 22-Oct-2012 09:09:50

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.288	1.289	-0.001	192435742	0.0843			
2	2	1.650	1.651	-0.001	139158982	0.0968			
						RPD = 13.85			
6 PCB-1016									M
1	100	1.586	1.587	-0.001	66066688	1.63		100.0	M
1	2	1.895	1.896	-0.001	118078883	1.64	149.3- 199.3	178.7	
1	3	2.322	2.323	-0.001	266203057	1.72	350.2- 400.2	402.9	
1	4	2.452	2.453	-0.001	115825317	1.80	130.7- 180.7	175.3	
1	5	2.867	2.867	0.000	119184603	1.76	137.9- 187.9	180.4	
			Average of Peak Amounts =			1.71			
2	6	2.147	2.147	0.000	39630464	1.76		100.0	
2	7	2.571	2.571	0.000	82613093	1.76	176.5- 236.5	208.5	
2	8	3.053	3.054	-0.001	169334332	1.86	362.5- 422.5	427.3	
2	9	3.201	3.201	0.000	70483896	1.82	137.9- 197.9	177.9	
2	10	3.853	3.854	-0.001	68540290	1.90	118.8- 178.8	172.9	
			Average of Peak Amounts =			1.82			
						RPD = 6.50			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.159	4.160	-0.001	179720110	1.77		100.0	
1	2	4.469	4.469	0.000	354090911	1.76	175.1- 225.1	197.0	
1	3	4.767	4.767	0.000	359861421	1.80	173.2- 223.2	200.2	
1	4	5.518	5.518	0.000	499797077	1.84	244.1- 294.1	278.1	
1	5	5.820	5.820	0.000	241501643	1.87	101.5- 151.5	134.4	
			Average of Peak Amounts =			1.81			
2	6	5.140	5.141	-0.001	124581130	1.87		100.0	
2	7	5.388	5.389	-0.001	144653625	2.02	86.6- 146.6	116.1	
2	8	5.776	5.776	0.000	222224121	1.90	142.9- 202.9	178.4	
2	9	6.509	6.509	0.000	277091654	1.95	179.5- 239.5	222.4	
2	10	6.911	6.910	0.001	202027569	1.94	121.8- 181.8	162.2	
			Average of Peak Amounts =			1.94			
						RPD = 6.73			
$ 12 DCB Decachlorobiphenyl									
1	100	7.054	7.056	-0.002	223131818	0.0956			
2	2	8.224	8.224	0.000	133427531	0.0991			
						RPD = 3.58			

QC Flag Legend

Review Flags
M - Manually Integrated

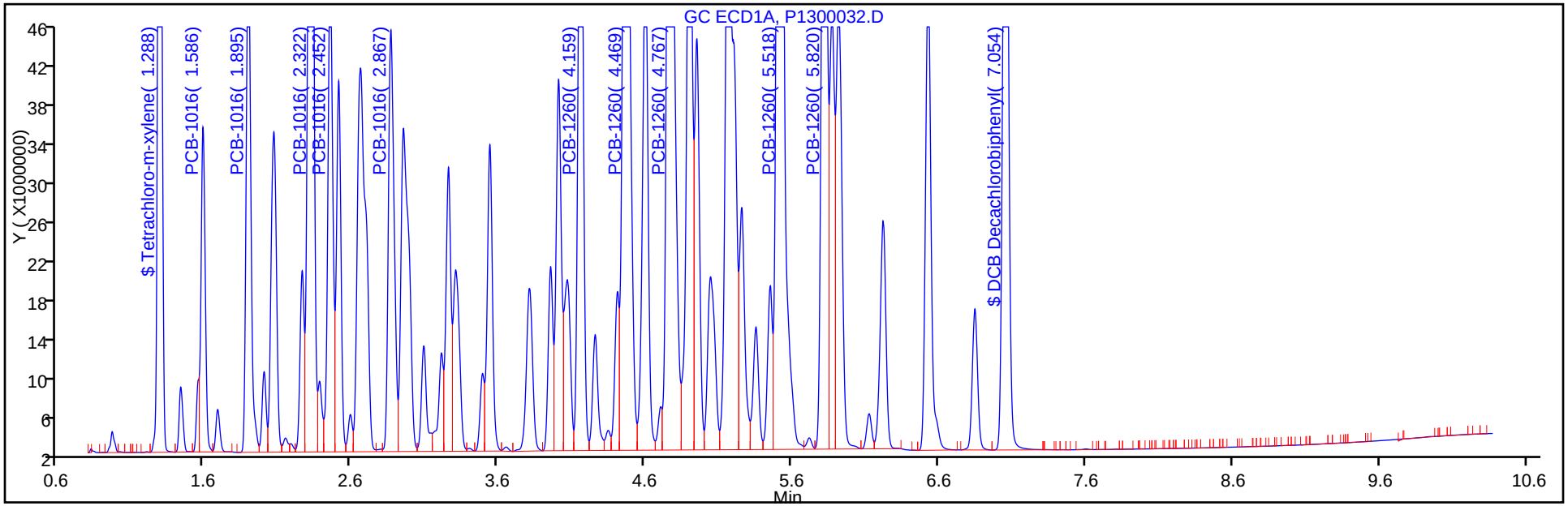
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

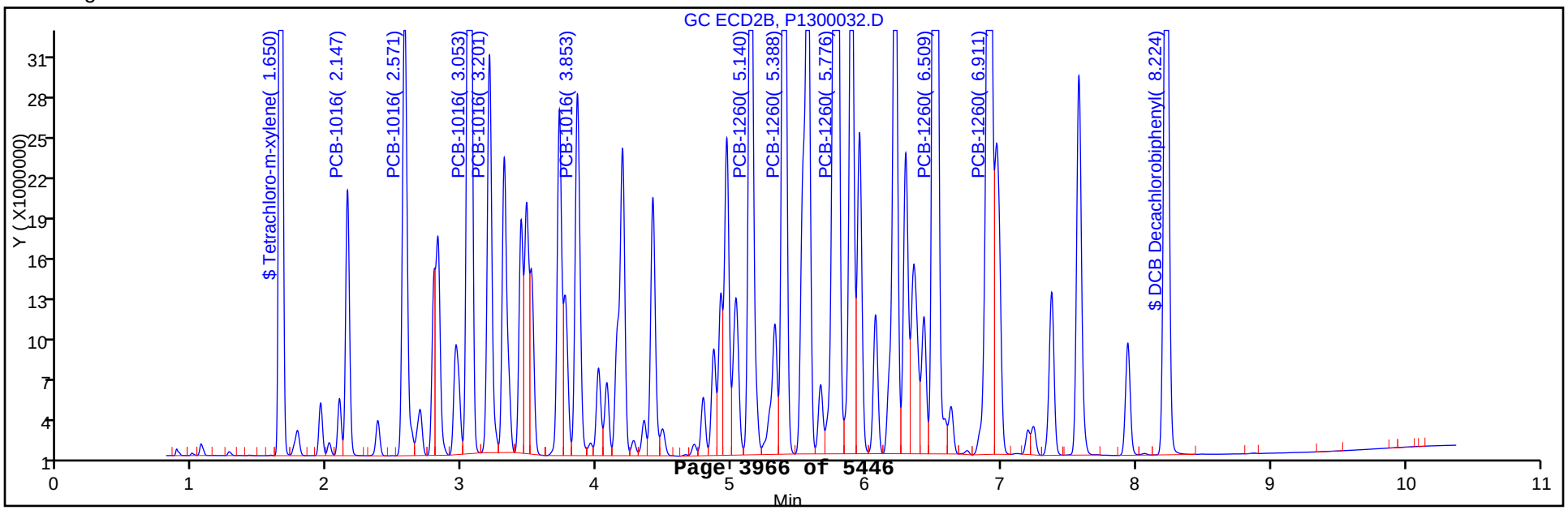
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D

Injection Date:	22-Oct-2012 00:05:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 08:26 Calibration End Date: 12/04/2012 09:45 Calibration ID: 12610

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/3	P4000003.D
Level 2	STD01 240-67207/4	P4000004.D
Level 3	STD02 240-67207/5	P4000005.D
Level 4	STD05 240-67207/6	P4000006.D
Level 5	STD1 240-67207/7	P4000007.D
Level 6	STD2 240-67207/8	P4000008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	1.539	1.540	1.540	1.540	1.541	1.541					1.439 - 1.639	1.540
PCB-1232 Peak 2	1.822	1.823	1.824	1.823	1.824	1.824					1.722 - 1.922	1.823
PCB-1232 Peak 3	2.212	2.214	2.214	2.214	2.215	2.215					2.112 - 2.312	2.214
PCB-1232 Peak 4	2.333	2.335	2.334	2.335	2.335	2.335					2.233 - 2.433	2.335
PCB-1232 Peak 5	2.713	2.714	2.714	2.714	2.714	2.714					2.613 - 2.813	2.714

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 08:26 Calibration End Date: 12/04/2012 09:45 Calibration ID: 12610

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/3	P4000003.D
Level 2	STD01 240-67207/4	P4000004.D
Level 3	STD02 240-67207/5	P4000005.D
Level 4	STD05 240-67207/6	P4000006.D
Level 5	STD1 240-67207/7	P4000007.D
Level 6	STD2 240-67207/8	P4000008.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1232 Peak 1	31415360 23684495	30100060 22530470	28162100	25347182	Ave		26873277.8				13.0		20.0			
PCB-1232 Peak 2	22460180 16846099	20787230 16024024	20103585	18091954	Ave		19052178.6				13.0		20.0			
PCB-1232 Peak 3	42431420 36417775	40268950 36009386	40162165	37770238	Ave		38843322.3				6.5		20.0			
PCB-1232 Peak 4	18177940 15775239	16958190 15316653	18156135	16821922	Ave		16867679.8				7.0		20.0			
PCB-1232 Peak 5	17308560 14619816	16652450 13756583	16802790	15554354	Ave		15782425.4				8.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 08:26 Calibration End Date: 12/04/2012 09:45 Calibration ID: 12610

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/3	P4000003.D
Level 2	STD01 240-67207/4	P4000004.D
Level 3	STD02 240-67207/5	P4000005.D
Level 4	STD05 240-67207/6	P4000006.D
Level 5	STD1 240-67207/7	P4000007.D
Level 6	STD2 240-67207/8	P4000008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Ave	1570768 45060939	3010006	5632420	12673591	23684495	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	Ave	1123009 32048047	2078723	4020717	9045977	16846099	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	Ave	2121571 72018772	4026895	8032433	18885119	36417775	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	Ave	908897 30633305	1695819	3631227	8410961	15775239	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	Ave	865428 27513165	1665245	3360558	7777177	14619816	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000003.D
Lims ID: STD005 1232 Client ID:
Inject. Date: 04-Dec-2012 08:26:39 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015497-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 67207 Lims Sample ID: 3
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:30 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.539	1.539	0.000	1570768	0.0585		100.0	
1	2	1.822	1.822	0.000	1123009	0.0589	46.4- 96.4	71.5	
1	3	2.212	2.212	0.000	2121571	0.0546	117.6- 167.6	135.1	
1	4	2.333	2.333	0.000	908897	0.0539	39.5- 89.5	57.9	
1	5	2.713	2.713	0.000	865428	0.0548	34.7- 84.7	55.1	
			Average of Peak Amounts =			0.0561			
2	6	2.133	2.133	0.000	1100379	0.0607		100.0	
2	7	2.530	2.530	0.000	971024	0.0390	49.8- 109.8	88.2	
2	8	2.979	2.979	0.000	1609138	0.0579	120.0- 180.0	146.2	
2	9	3.118	3.118	0.000	777297	0.0624	37.4- 97.4	70.6	
2	10	3.728	3.728	0.000	591569	0.0576	26.1- 86.1	53.8	
			Average of Peak Amounts =			0.0555			
						RPD = 1.16			

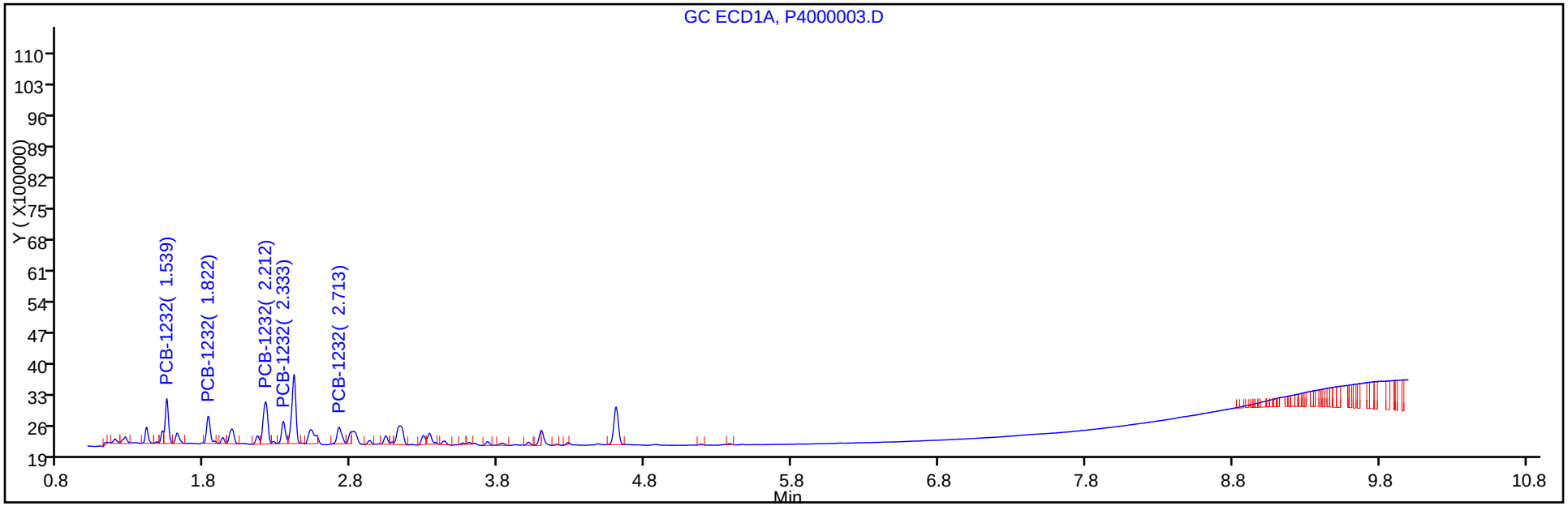
Report Date: 05-Dec-2012 06:34:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

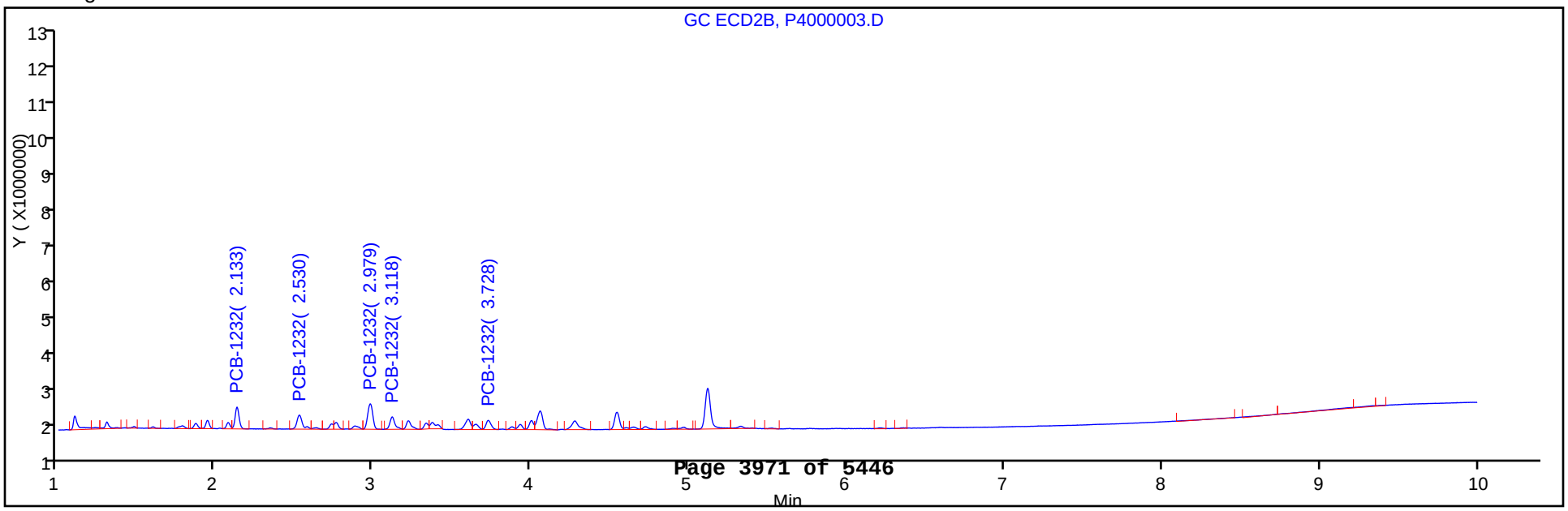
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000003.D

Injection Date:	04-Dec-2012 08:26:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000004.D
Lims ID: STD01 1232 Client ID:
Inject. Date: 04-Dec-2012 08:42:21 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015497-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 67207 Lims Sample ID: 4
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:29 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.540	1.539	0.001	3010006	0.1120		100.0	
1	2	1.823	1.822	0.001	2078723	0.1091	46.4- 96.4	69.1	
1	3	2.214	2.212	0.002	4026895	0.1037	117.6- 167.6	133.8	
1	4	2.335	2.333	0.002	1695819	0.1005	39.5- 89.5	56.3	
1	5	2.714	2.713	0.001	1665245	0.1055	34.7- 84.7	55.3	
			Average of Peak Amounts =			0.1062			
2	6	2.135	2.133	0.002	2040782	0.1125		100.0	
2	7	2.530	2.530	0.000	1864212	0.1140	49.8- 109.8	91.3	
2	8	2.979	2.979	0.000	2985658	0.1075	120.0- 180.0	146.3	
2	9	3.118	3.118	0.000	1359176	0.1090	37.4- 97.4	66.6	
2	10	3.729	3.728	0.001	1183355	0.1152	26.1- 86.1	58.0	
			Average of Peak Amounts =			0.1116			
						RPD = 5.02			

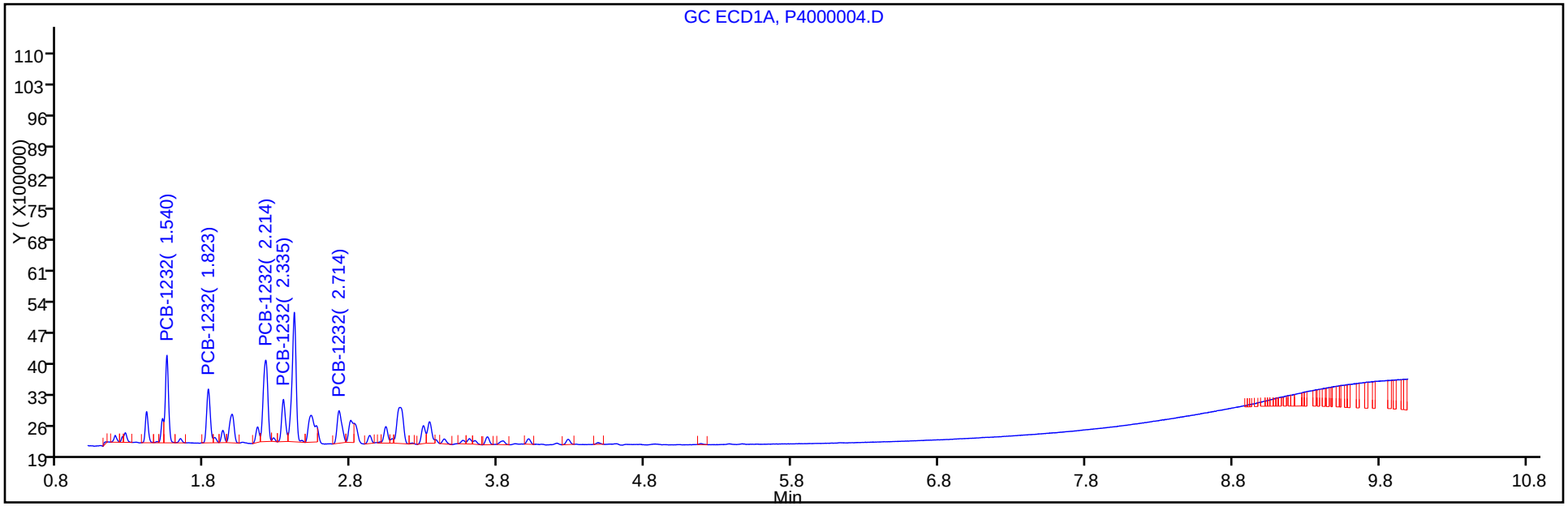
Report Date: 05-Dec-2012 06:34:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

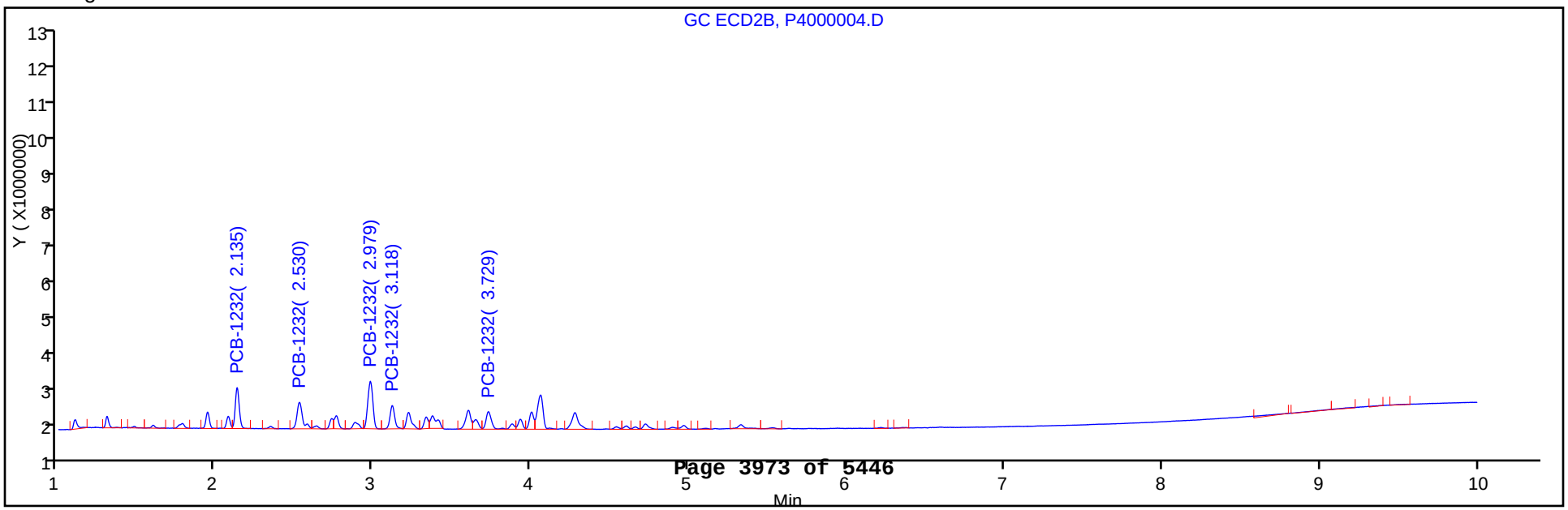
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000004.D

Injection Date:	04-Dec-2012 08:42:21	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000005.D
Lims ID: STD02 1232 Client ID:
Inject. Date: 04-Dec-2012 08:58:13 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015497-005
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 67207 Lims Sample ID: 5
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:27 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.540	1.539	0.001	5632420	0.2096		100.0	
1	2	1.824	1.822	0.002	4020717	0.2110	46.4- 96.4	71.4	
1	3	2.214	2.212	0.002	8032433	0.2068	117.6- 167.6	142.6	
1	4	2.334	2.333	0.001	3631227	0.2153	39.5- 89.5	64.5	
1	5	2.714	2.713	0.001	3360558	0.2129	34.7- 84.7	59.7	
			Average of Peak Amounts =			0.2111			
2	6	2.135	2.133	0.002	3747719	0.2066		100.0	
2	7	2.529	2.530	-0.001	2990811	0.2086	49.8- 109.8	79.8	
2	8	2.981	2.979	0.002	5619964	0.2023	120.0- 180.0	150.0	
2	9	3.119	3.118	0.001	2526630	0.2027	37.4- 97.4	67.4	
2	10	3.730	3.728	0.002	2101564	0.2046	26.1- 86.1	56.1	
			Average of Peak Amounts =			0.2049			
						RPD = 2.97			

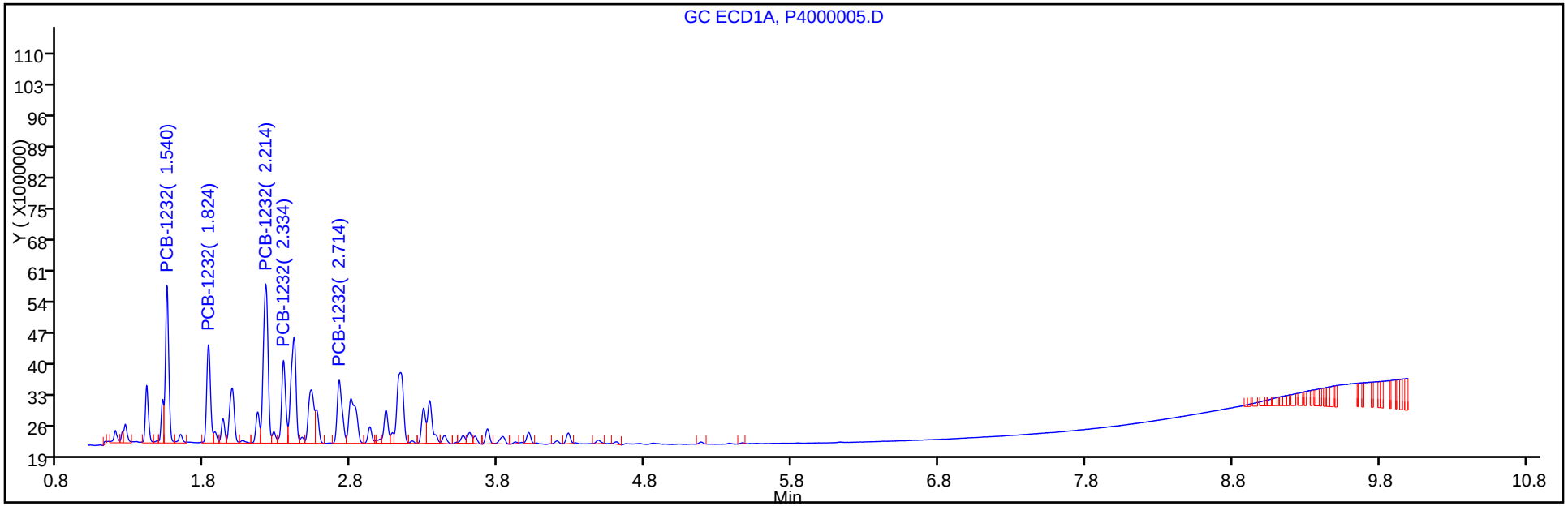
Report Date: 05-Dec-2012 06:34:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

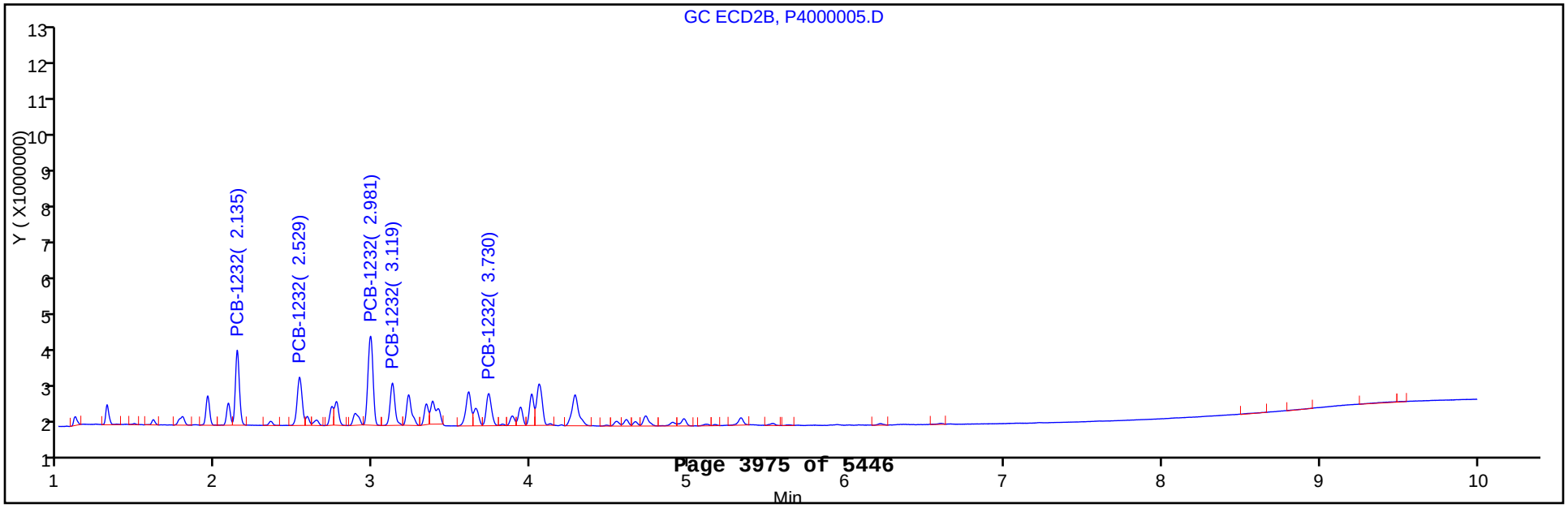
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000005.D

Injection Date:	04-Dec-2012 08:58:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000006.D		
Lims ID:	STD05 1232	Client ID:	
Inject. Date:	04-Dec-2012 09:13:53	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015497-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	67207	Lims Sample ID:	6
Sublist:	chrom-PCB4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m		
Last Update:	05-Dec-2012 06:34:25	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK010		

First Level Reviewer: hassl Date: 05-Dec-2012 06:22:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.540	1.539	0.001	12673591	0.4716		100.0	
1	2	1.823	1.822	0.001	9045977	0.4748	46.4- 96.4	71.4	
1	3	2.214	2.212	0.002	18885119	0.4862	117.6- 167.6	149.0	
1	4	2.335	2.333	0.002	8410961	0.4986	39.5- 89.5	66.4	
1	5	2.714	2.713	0.001	7777177	0.4928	34.7- 84.7	61.4	
			Average of Peak Amounts =			0.4848			
2	6	2.135	2.133	0.002	8464181	0.4666		100.0	
2	7	2.530	2.530	0.000	6769826	0.5260	49.8- 109.8	80.0	M
2	8	2.981	2.979	0.002	13209796	0.4754	120.0- 180.0	156.1	
2	9	3.119	3.118	0.001	5881996	0.4718	37.4- 97.4	69.5	
2	10	3.729	3.728	0.001	4845031	0.4716	26.1- 86.1	57.2	
			Average of Peak Amounts =			0.4823			
						RPD = 0.52			

QC Flag Legend

Review Flags
M - Manually Integrated

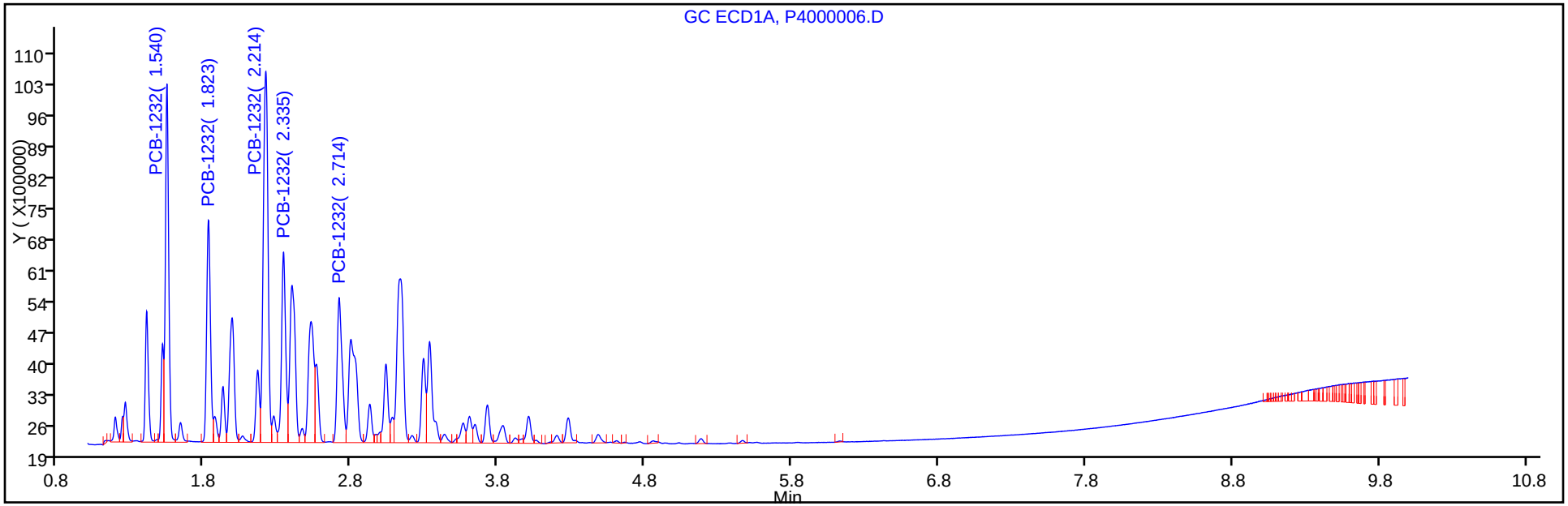
Report Date: 05-Dec-2012 06:34:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

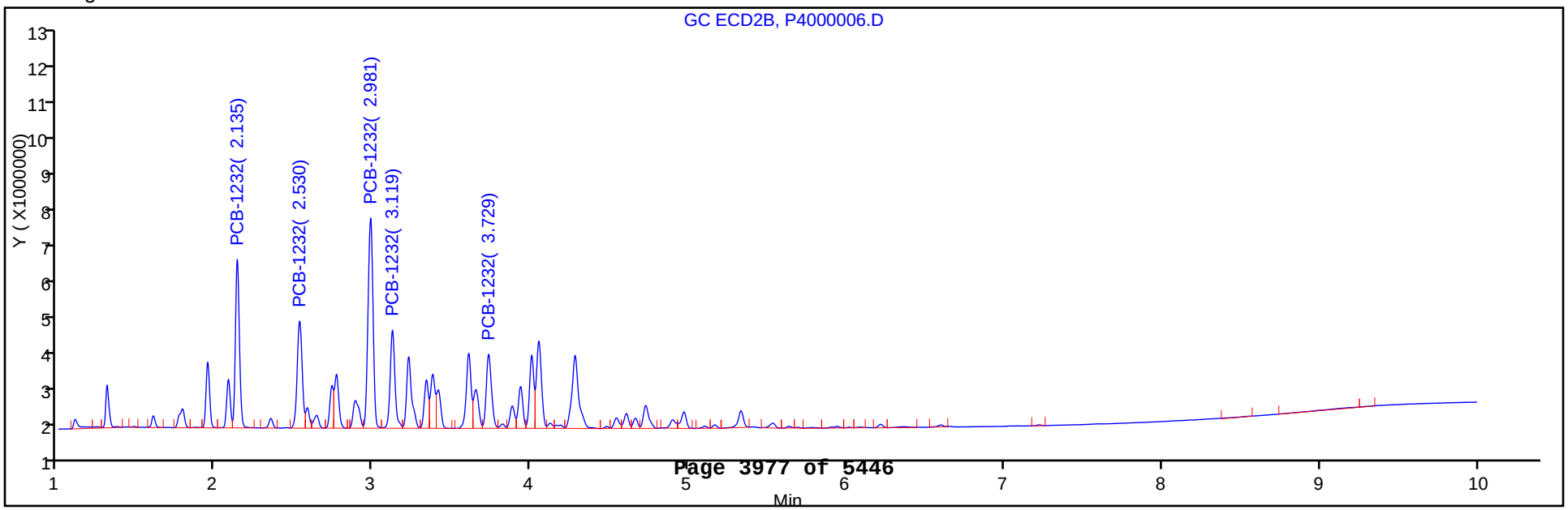
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000006.D

Injection Date:	04-Dec-2012 09:13:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000007.D		
Lims ID:	STD1 1232	Client ID:	
Inject. Date:	04-Dec-2012 09:29:36	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015497-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	67207	Lims Sample ID:	7
Sublist:	chrom-PCB4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m		
Last Update:	05-Dec-2012 06:34:24	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK010		

First Level Reviewer: hassl Date: 05-Dec-2012 06:22:16

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.541	1.539	0.002	23684495	0.8813		100.0	
1	2	1.824	1.822	0.002	16846099	0.8842	46.4- 96.4	71.1	
1	3	2.215	2.212	0.003	36417775	0.9376	117.6- 167.6	153.8	
1	4	2.335	2.333	0.002	15775239	0.9352	39.5- 89.5	66.6	
1	5	2.714	2.713	0.001	14619816	0.9263	34.7- 84.7	61.7	M
			Average of Peak Amounts =			0.9129			
2	6	2.135	2.133	0.002	15780105	0.8698		100.0	
2	7	2.531	2.530	0.001	12490287	1.01	49.8- 109.8	79.2	
2	8	2.981	2.979	0.002	25320630	0.9113	120.0- 180.0	160.5	
2	9	3.119	3.118	0.001	10915518	0.8756	37.4- 97.4	69.2	
2	10	3.729	3.728	0.001	8998240	0.8759	26.1- 86.1	57.0	
			Average of Peak Amounts =			0.9078			
						RPD = 0.56			

QC Flag Legend

Review Flags
M - Manually Integrated

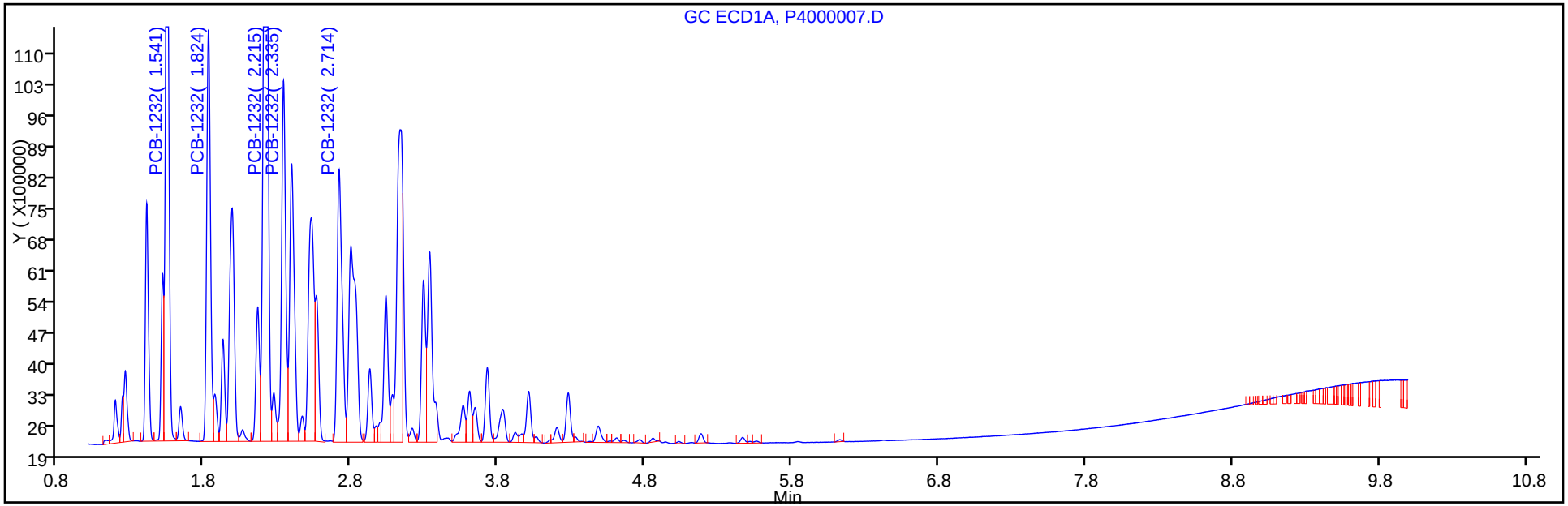
Report Date: 05-Dec-2012 06:34:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

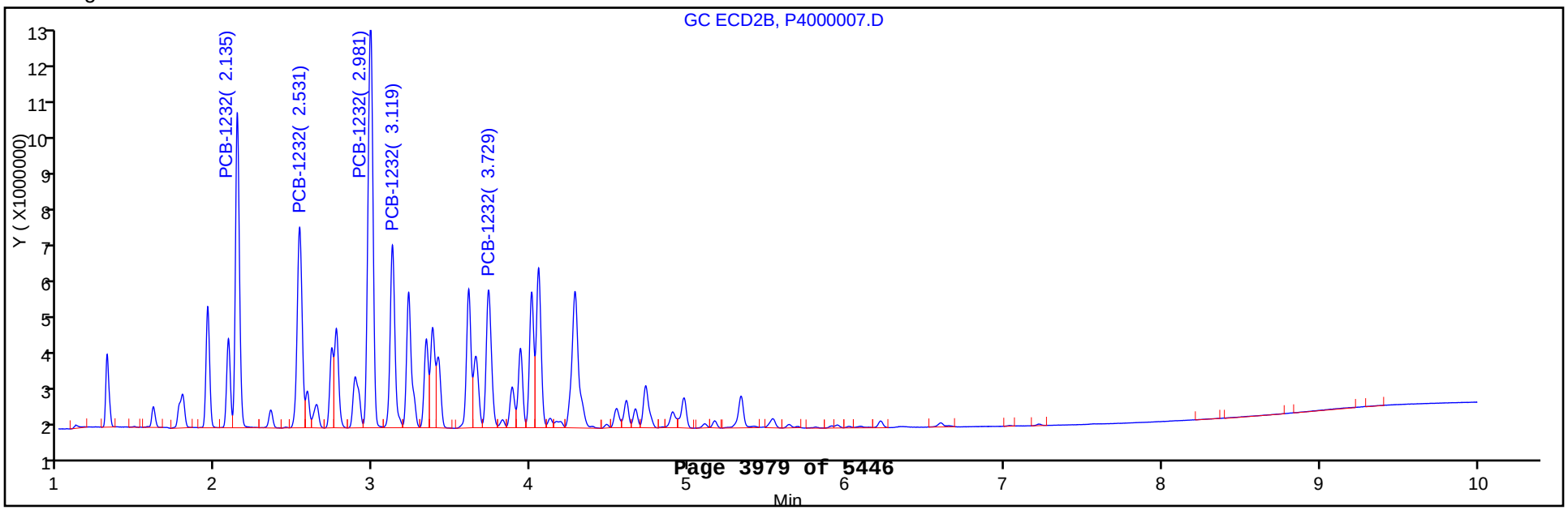
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000007.D

Injection Date:	04-Dec-2012 09:29:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



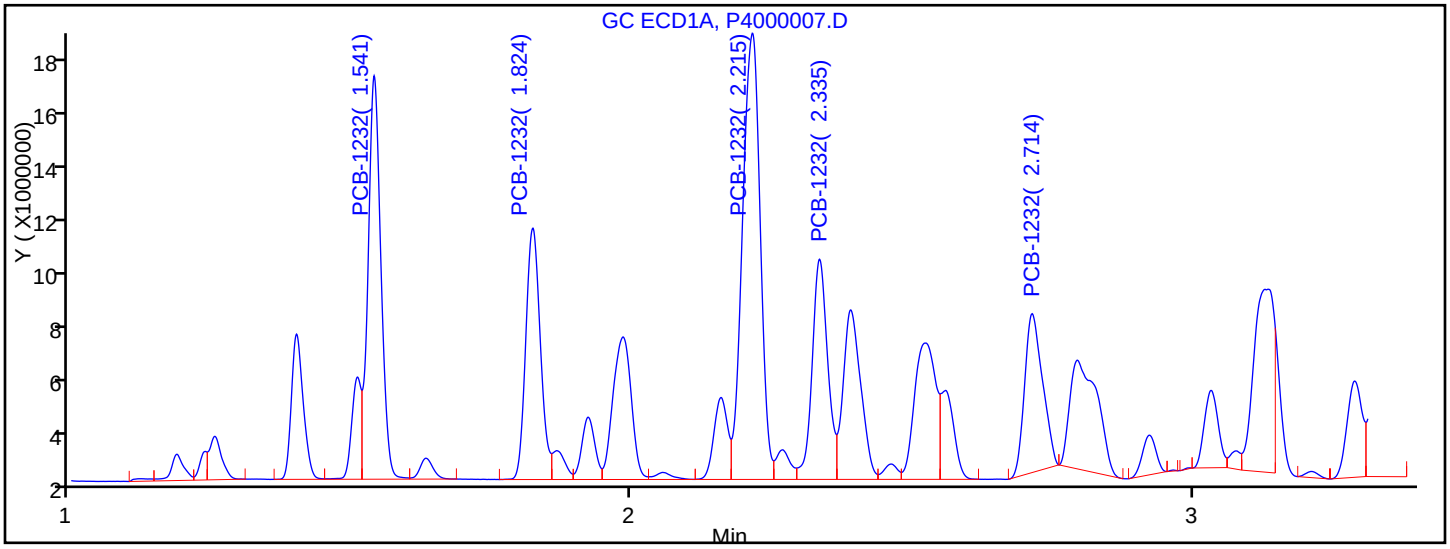
Report Date: 05-Dec-2012 06:34:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000007.D

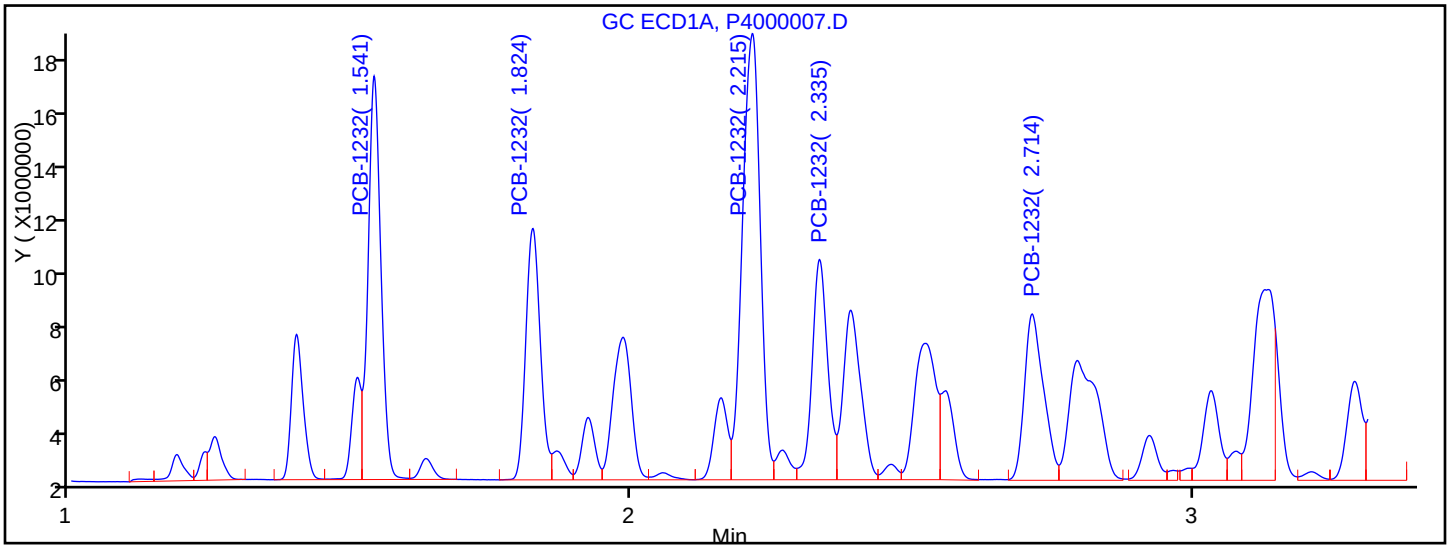
Injection Date:	04-Dec-2012 09:29:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.541	Response = 23684495	
RT = 1.824	Response = 16846099	
RT = 2.215	Response = 36417775	
RT = 2.335	Response = 15775239	
RT = 2.714	Response = 13053589	M



Manual Integration Results

RT = 1.541	Response = 23684495	
RT = 1.824	Response = 16846099	
RT = 2.215	Response = 36417775	
RT = 2.335	Response = 15775239	
RT = 2.714	Response = 14619816	M

Reviewer: hassl, 05-Dec-2012 06:22:16

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000008.D		
Lims ID:	STD2 1232	Client ID:	
Inject. Date:	04-Dec-2012 09:45:19	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0015497-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	67207	Lims Sample ID:	8
Sublist:	chrom-PCB4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m		
Last Update:	05-Dec-2012 06:34:22	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK010		

First Level Reviewer: hassl Date: 05-Dec-2012 06:22:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.541	1.539	0.002	45060939	1.68		100.0	
1	2	1.824	1.822	0.002	32048047	1.68	46.4- 96.4	71.1	
1	3	2.215	2.212	0.003	72018772	1.85	117.6- 167.6	159.8	
1	4	2.335	2.333	0.002	30633305	1.82	39.5- 89.5	68.0	
1	5	2.714	2.713	0.001	27513165	1.74	34.7- 84.7	61.1	
			Average of Peak Amounts =			1.75			
2	6	2.136	2.133	0.003	29972119	1.65		100.0	
2	7	2.531	2.530	0.001	23793657	1.96	49.8- 109.8	79.4	M
2	8	2.981	2.979	0.002	49675741	1.79	120.0- 180.0	165.7	
2	9	3.120	3.118	0.002	20699268	1.66	37.4- 97.4	69.1	
2	10	3.730	3.728	0.002	17556570	1.71	26.1- 86.1	58.6	
			Average of Peak Amounts =			1.75			
						RPD = 0.08			

QC Flag Legend

Review Flags
M - Manually Integrated

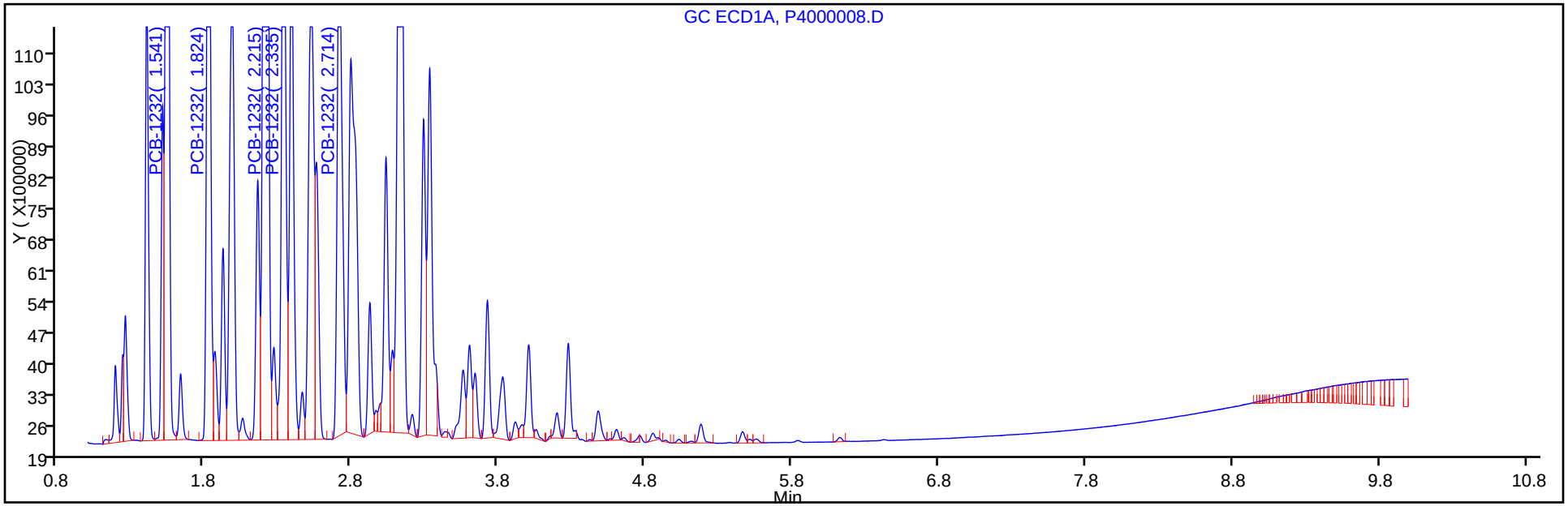
Report Date: 05-Dec-2012 06:34:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

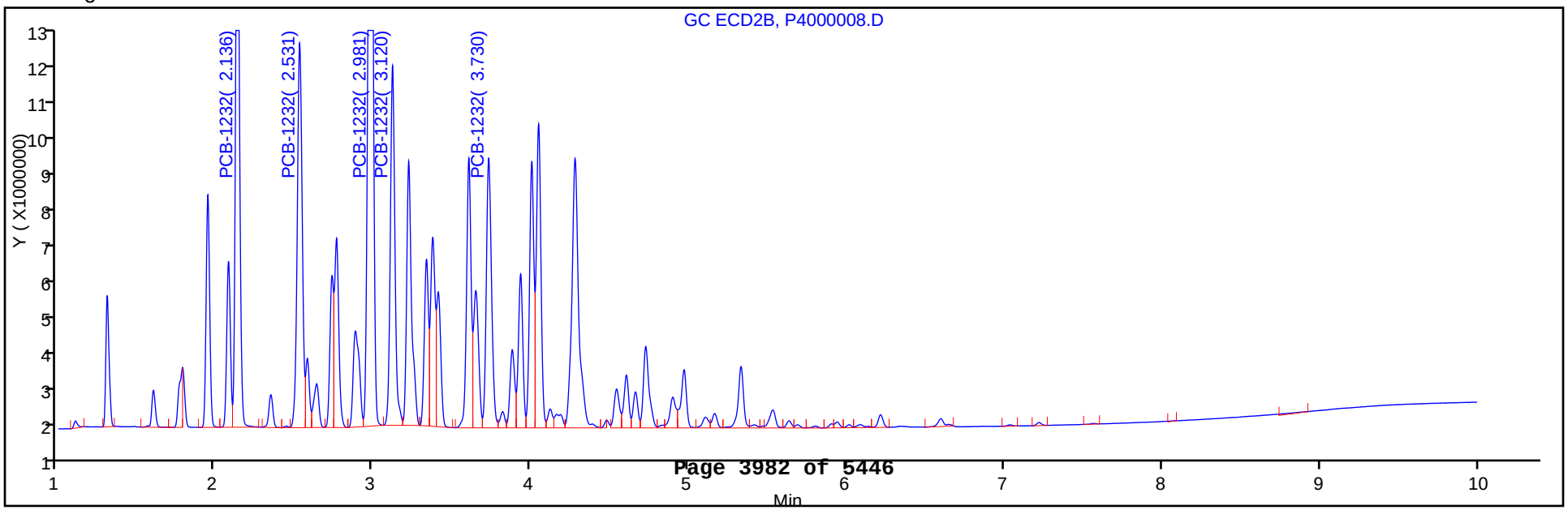
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000008.D

Injection Date:	04-Dec-2012 09:45:19	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 08:26 Calibration End Date: 12/04/2012 09:45 Calibration ID: 12611

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/3	P4000003.D
Level 2	STD01 240-67207/4	P4000004.D
Level 3	STD02 240-67207/5	P4000005.D
Level 4	STD05 240-67207/6	P4000006.D
Level 5	STD1 240-67207/7	P4000007.D
Level 6	STD2 240-67207/8	P4000008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1232 Peak 1	2.133	2.135	2.135	2.135	2.135	2.136					2.033 - 2.233	2.135
PCB-1232 Peak 2	2.530	2.530	2.529	2.530	2.531	2.531					2.430 - 2.630	2.530
PCB-1232 Peak 3	2.979	2.979	2.981	2.981	2.981	2.981					2.879 - 3.079	2.980
PCB-1232 Peak 4	3.118	3.118	3.119	3.119	3.119	3.120					3.018 - 3.218	3.119
PCB-1232 Peak 5	3.728	3.729	3.730	3.729	3.729	3.730					3.628 - 3.828	3.729

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 08:26 Calibration End Date: 12/04/2012 09:45 Calibration ID: 12611

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/3	P4000003.D
Level 2	STD01 240-67207/4	P4000004.D
Level 3	STD02 240-67207/5	P4000005.D
Level 4	STD05 240-67207/6	P4000006.D
Level 5	STD1 240-67207/7	P4000007.D
Level 6	STD2 240-67207/8	P4000008.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1232 Peak 1	22007580 15780105	20407820 14986059	18738595	16928362	Ave		18141420.3				15.0		20.0			
PCB-1232 Peak 2	19420480 12490287	18642120 11896829	14954055	13539652	Lin1	506600.799	11906548.6							0.9980		0.9900
PCB-1232 Peak 3	32182760 25320630	29856580 24837871	28099820	26419592	Ave		27786208.8				10.0		20.0			
PCB-1232 Peak 4	15545940 10915518	13591760 10349634	12633150	11763992	Ave		12466665.7				15.0		20.0			
PCB-1232 Peak 5	11831380 8998240	11833550 8778285	10507820	9690062	Ave		10273222.8				13.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 08:26 Calibration End Date: 12/04/2012 09:45 Calibration ID: 12611

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/3	P4000003.D
Level 2	STD01 240-67207/4	P4000004.D
Level 3	STD02 240-67207/5	P4000005.D
Level 4	STD05 240-67207/6	P4000006.D
Level 5	STD1 240-67207/7	P4000007.D
Level 6	STD2 240-67207/8	P4000008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Ave	1100379 29972119	2040782	3747719	8464181	15780105	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 2	Lin1	971024 23793657	1864212	2990811	6769826	12490287	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 3	Ave	1609138 49675741	2985658	5619964	13209796	25320630	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 4	Ave	777297 20699268	1359176	2526630	5881996	10915518	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1232 Peak 5	Ave	591569 17556570	1183355	2101564	4845031	8998240	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000003.D
Lims ID: STD005 1232 Client ID:
Inject. Date: 04-Dec-2012 08:26:39 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015497-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 67207 Lims Sample ID: 3
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:30 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.539	1.539	0.000	1570768	0.0585		100.0	
1	2	1.822	1.822	0.000	1123009	0.0589	46.4- 96.4	71.5	
1	3	2.212	2.212	0.000	2121571	0.0546	117.6- 167.6	135.1	
1	4	2.333	2.333	0.000	908897	0.0539	39.5- 89.5	57.9	
1	5	2.713	2.713	0.000	865428	0.0548	34.7- 84.7	55.1	
			Average of Peak Amounts =			0.0561			
2	6	2.133	2.133	0.000	1100379	0.0607		100.0	
2	7	2.530	2.530	0.000	971024	0.0390	49.8- 109.8	88.2	
2	8	2.979	2.979	0.000	1609138	0.0579	120.0- 180.0	146.2	
2	9	3.118	3.118	0.000	777297	0.0624	37.4- 97.4	70.6	
2	10	3.728	3.728	0.000	591569	0.0576	26.1- 86.1	53.8	
			Average of Peak Amounts =			0.0555			
						RPD = 1.16			

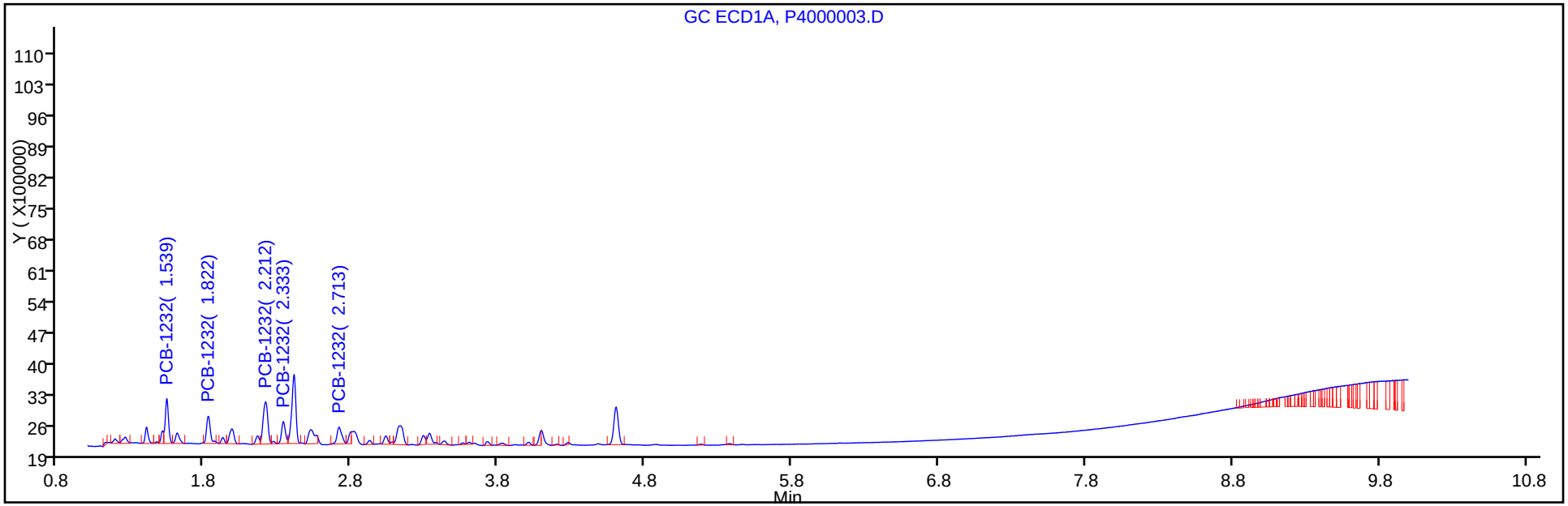
Report Date: 05-Dec-2012 06:34:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

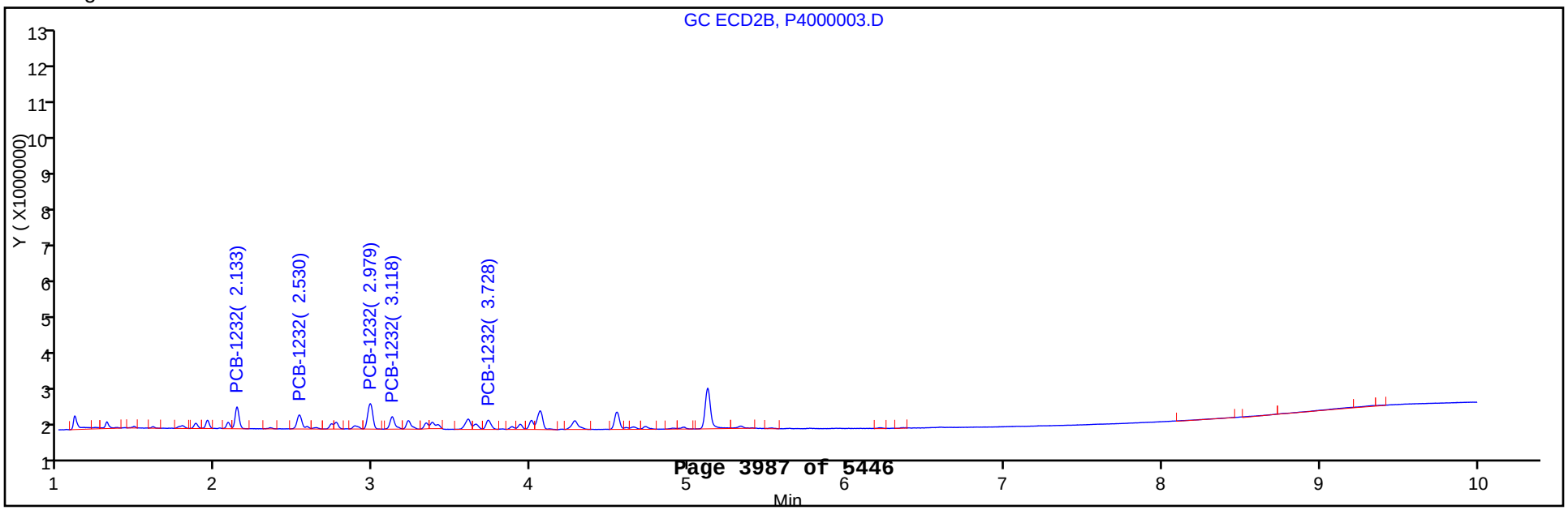
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000003.D

Injection Date:	04-Dec-2012 08:26:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000004.D
Lims ID: STD01 1232 Client ID:
Inject. Date: 04-Dec-2012 08:42:21 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015497-004
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 67207 Lims Sample ID: 4
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:29 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.540	1.539	0.001	3010006	0.1120		100.0	
1	2	1.823	1.822	0.001	2078723	0.1091	46.4- 96.4	69.1	
1	3	2.214	2.212	0.002	4026895	0.1037	117.6- 167.6	133.8	
1	4	2.335	2.333	0.002	1695819	0.1005	39.5- 89.5	56.3	
1	5	2.714	2.713	0.001	1665245	0.1055	34.7- 84.7	55.3	
			Average of Peak Amounts =			0.1062			
2	6	2.135	2.133	0.002	2040782	0.1125		100.0	
2	7	2.530	2.530	0.000	1864212	0.1140	49.8- 109.8	91.3	
2	8	2.979	2.979	0.000	2985658	0.1075	120.0- 180.0	146.3	
2	9	3.118	3.118	0.000	1359176	0.1090	37.4- 97.4	66.6	
2	10	3.729	3.728	0.001	1183355	0.1152	26.1- 86.1	58.0	
			Average of Peak Amounts =			0.1116			
						RPD = 5.02			

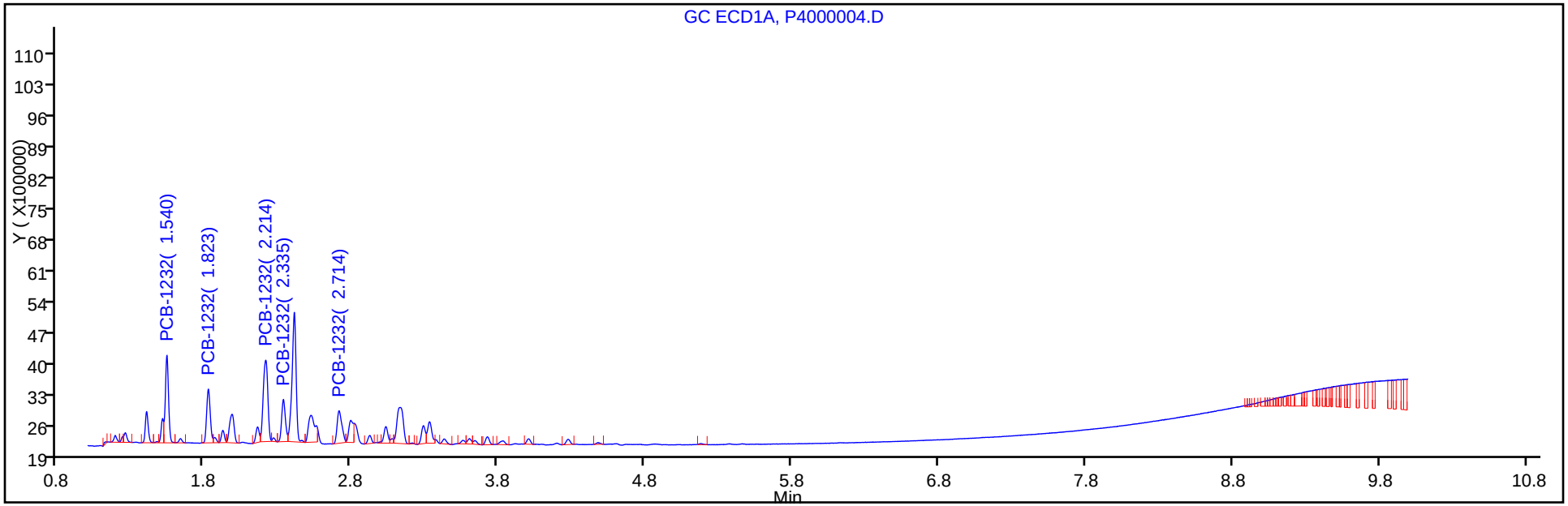
Report Date: 05-Dec-2012 06:34:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

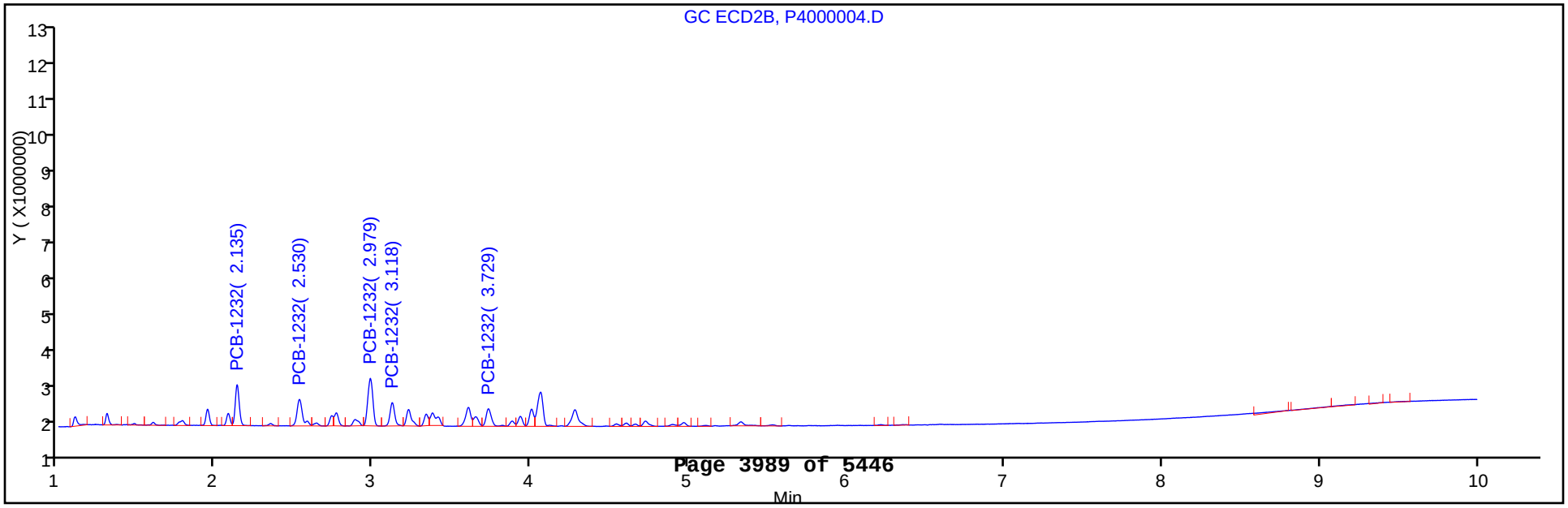
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000004.D

Injection Date:	04-Dec-2012 08:42:21	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000005.D
Lims ID: STD02 1232 Client ID:
Inject. Date: 04-Dec-2012 08:58:13 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015497-005
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 67207 Lims Sample ID: 5
Sublist: chrom-PCB4*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:27 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100	1.540	1.539	0.001	5632420	0.2096		100.0	
1	2	1.824	1.822	0.002	4020717	0.2110	46.4- 96.4	71.4	
1	3	2.214	2.212	0.002	8032433	0.2068	117.6- 167.6	142.6	
1	4	2.334	2.333	0.001	3631227	0.2153	39.5- 89.5	64.5	
1	5	2.714	2.713	0.001	3360558	0.2129	34.7- 84.7	59.7	
			Average of Peak Amounts =			0.2111			
2	6	2.135	2.133	0.002	3747719	0.2066		100.0	
2	7	2.529	2.530	-0.001	2990811	0.2086	49.8- 109.8	79.8	
2	8	2.981	2.979	0.002	5619964	0.2023	120.0- 180.0	150.0	
2	9	3.119	3.118	0.001	2526630	0.2027	37.4- 97.4	67.4	
2	10	3.730	3.728	0.002	2101564	0.2046	26.1- 86.1	56.1	
			Average of Peak Amounts =			0.2049			
						RPD = 2.97			

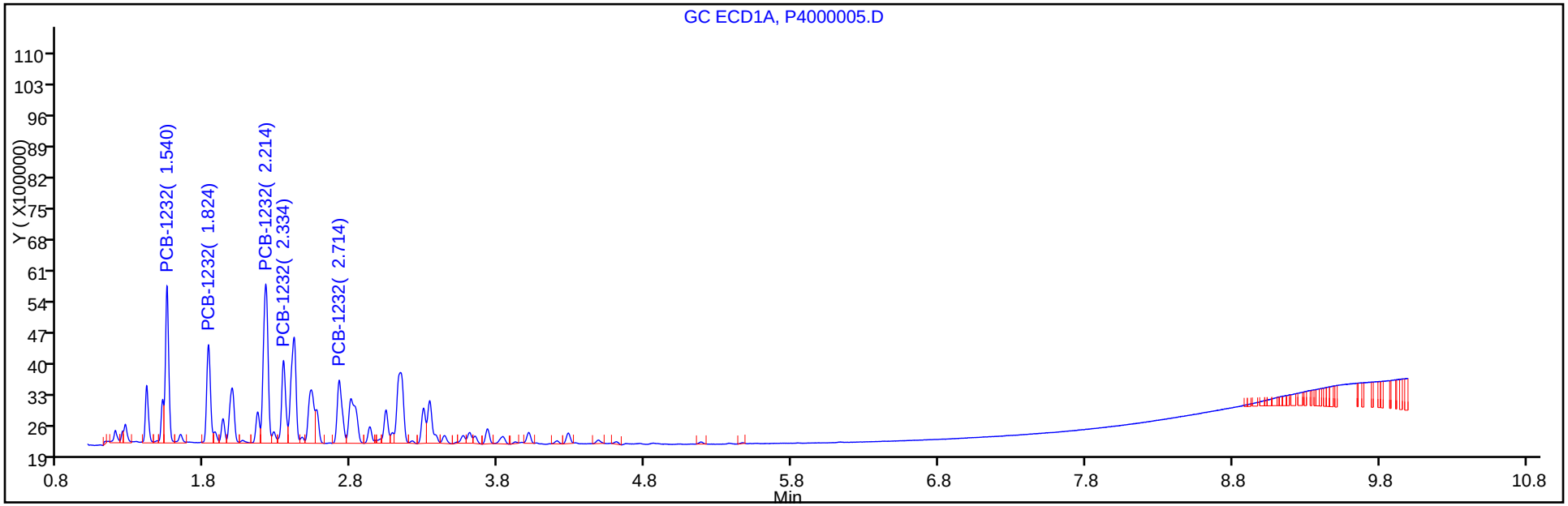
Report Date: 05-Dec-2012 06:34:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

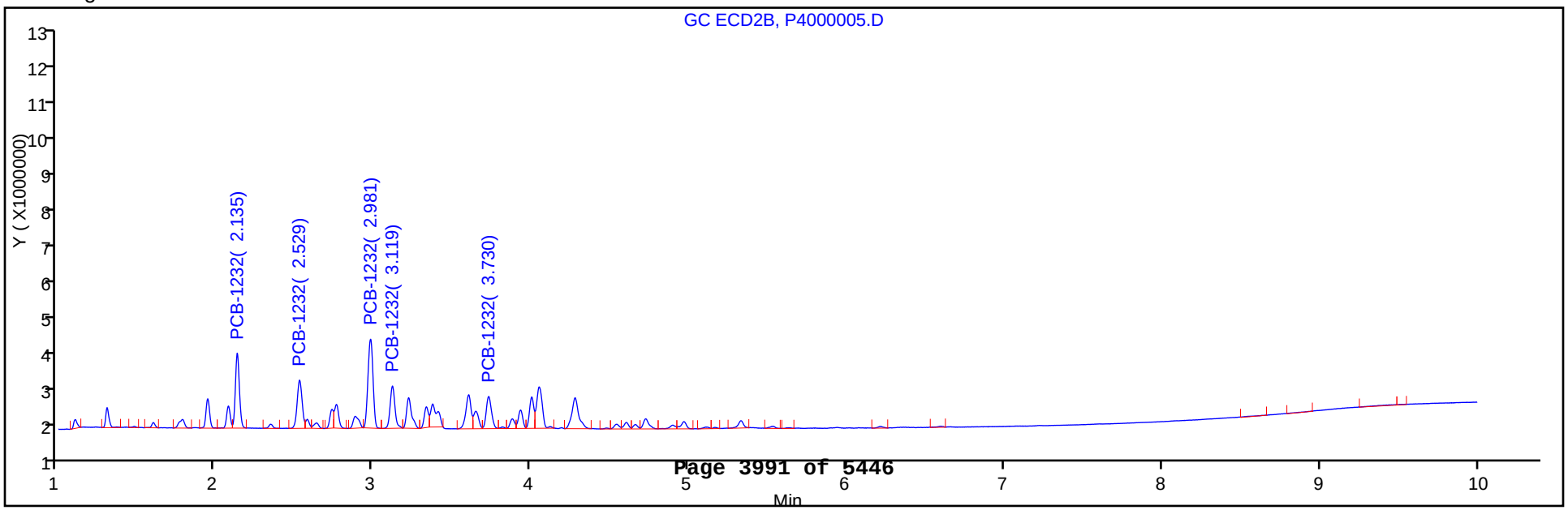
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000005.D

Injection Date:	04-Dec-2012 08:58:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000006.D		
Lims ID:	STD05 1232	Client ID:	
Inject. Date:	04-Dec-2012 09:13:53	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015497-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	67207	Lims Sample ID:	6
Sublist:	chrom-PCB4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m		
Last Update:	05-Dec-2012 06:34:25	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK010		

First Level Reviewer: hassl Date: 05-Dec-2012 06:22:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.540	1.539	0.001	12673591	0.4716		100.0	
1	2	1.823	1.822	0.001	9045977	0.4748	46.4- 96.4	71.4	
1	3	2.214	2.212	0.002	18885119	0.4862	117.6- 167.6	149.0	
1	4	2.335	2.333	0.002	8410961	0.4986	39.5- 89.5	66.4	
1	5	2.714	2.713	0.001	7777177	0.4928	34.7- 84.7	61.4	
			Average of Peak Amounts =			0.4848			
2	6	2.135	2.133	0.002	8464181	0.4666		100.0	
2	7	2.530	2.530	0.000	6769826	0.5260	49.8- 109.8	80.0	M
2	8	2.981	2.979	0.002	13209796	0.4754	120.0- 180.0	156.1	
2	9	3.119	3.118	0.001	5881996	0.4718	37.4- 97.4	69.5	
2	10	3.729	3.728	0.001	4845031	0.4716	26.1- 86.1	57.2	
			Average of Peak Amounts =			0.4823			
						RPD = 0.52			

QC Flag Legend

Review Flags
M - Manually Integrated

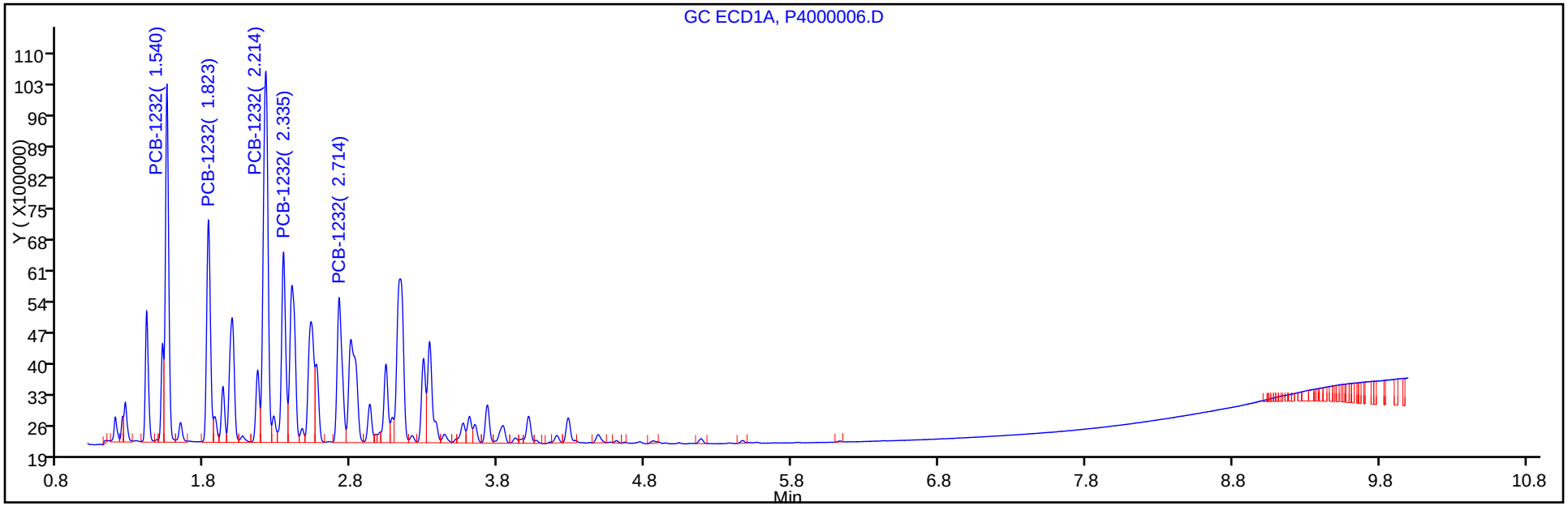
Report Date: 05-Dec-2012 06:34:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

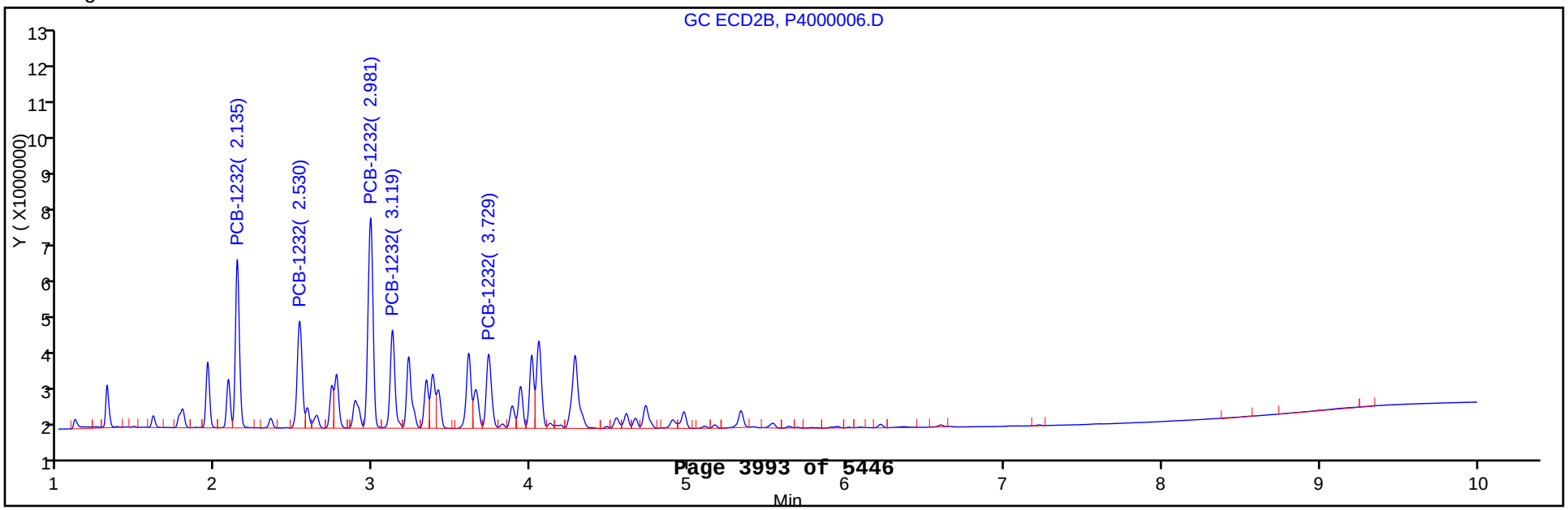
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000006.D

Injection Date:	04-Dec-2012 09:13:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



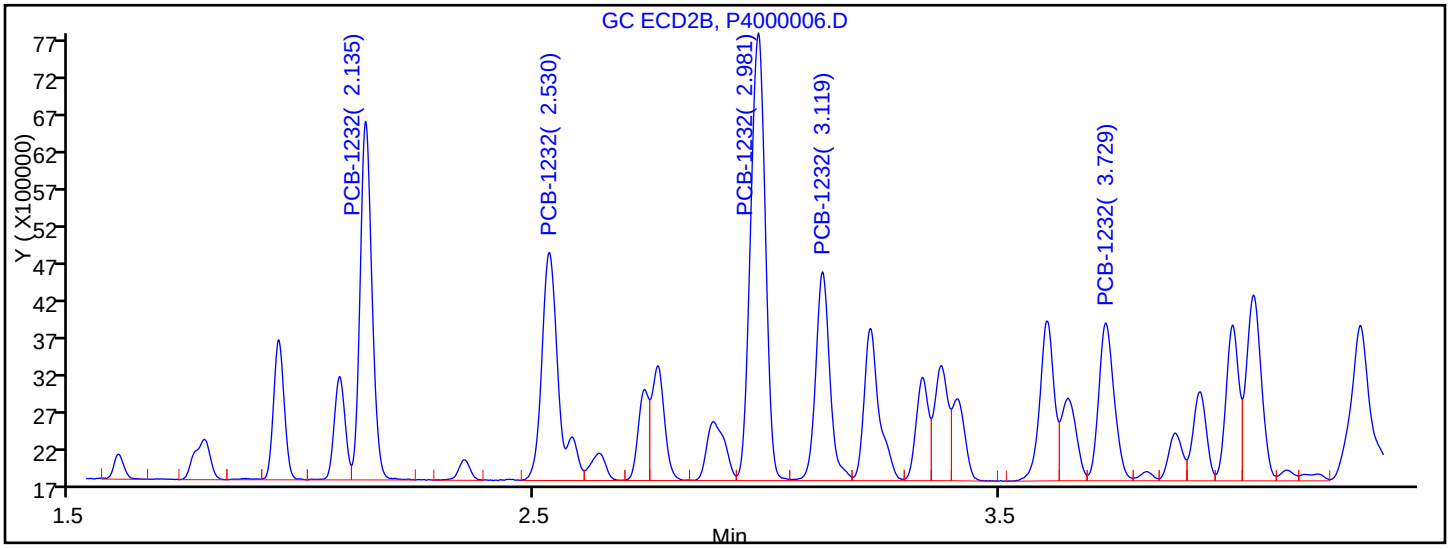
Report Date: 05-Dec-2012 06:34:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000006.D

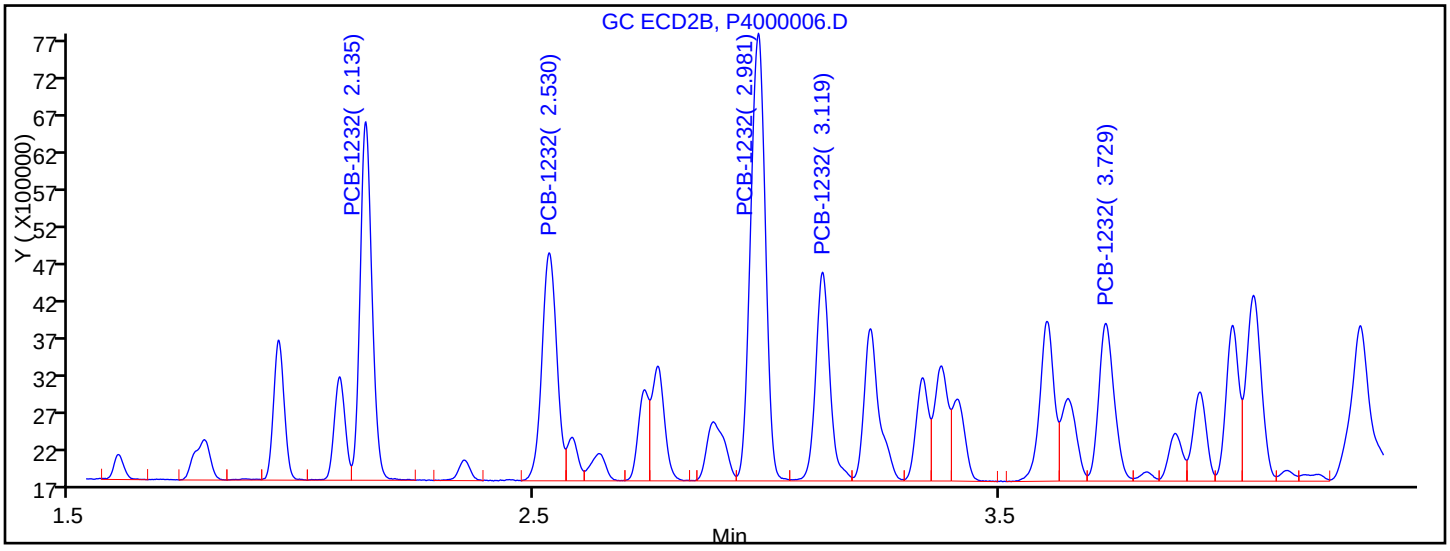
Injection Date:	04-Dec-2012 09:13:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 2, GC ecd2b



Processing Integration Results

RT = 2.135	Response = 8464181	
RT = 2.530	Response = 7687820	M
RT = 2.981	Response = 13209796	
RT = 3.119	Response = 5881996	
RT = 3.729	Response = 4845031	



Manual Integration Results

RT = 2.135	Response = 8464181	
RT = 2.530	Response = 6769826	M
RT = 2.981	Response = 13209796	
RT = 3.119	Response = 5881996	
RT = 3.729	Response = 4845031	

Reviewer: hassl, 05-Dec-2012 06:22:05

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000007.D		
Lims ID:	STD1 1232	Client ID:	
Inject. Date:	04-Dec-2012 09:29:36	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015497-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	67207	Lims Sample ID:	7
Sublist:	chrom-PCB4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m		
Last Update:	05-Dec-2012 06:34:24	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK010		

First Level Reviewer: hassl Date: 05-Dec-2012 06:22:16

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.541	1.539	0.002	23684495	0.8813		100.0	
1	2	1.824	1.822	0.002	16846099	0.8842	46.4- 96.4	71.1	
1	3	2.215	2.212	0.003	36417775	0.9376	117.6- 167.6	153.8	
1	4	2.335	2.333	0.002	15775239	0.9352	39.5- 89.5	66.6	
1	5	2.714	2.713	0.001	14619816	0.9263	34.7- 84.7	61.7	M
			Average of Peak Amounts =			0.9129			
2	6	2.135	2.133	0.002	15780105	0.8698		100.0	
2	7	2.531	2.530	0.001	12490287	1.01	49.8- 109.8	79.2	
2	8	2.981	2.979	0.002	25320630	0.9113	120.0- 180.0	160.5	
2	9	3.119	3.118	0.001	10915518	0.8756	37.4- 97.4	69.2	
2	10	3.729	3.728	0.001	8998240	0.8759	26.1- 86.1	57.0	
			Average of Peak Amounts =			0.9078			
						RPD = 0.56			

QC Flag Legend

Review Flags
M - Manually Integrated

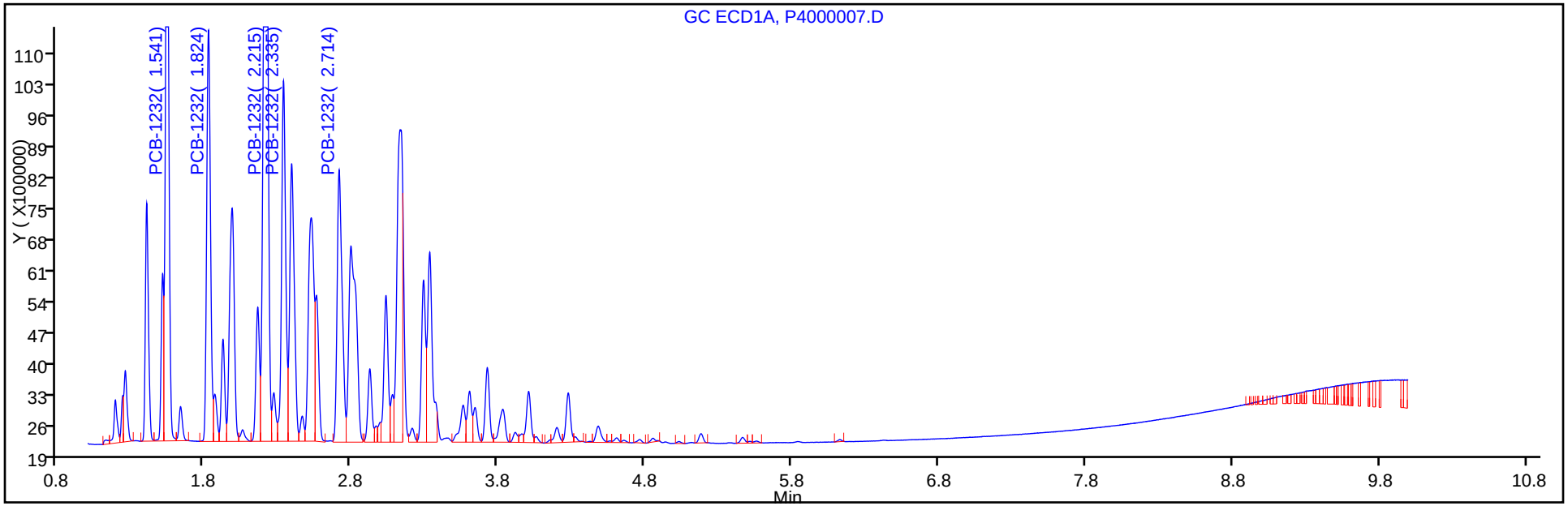
Report Date: 05-Dec-2012 06:34:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

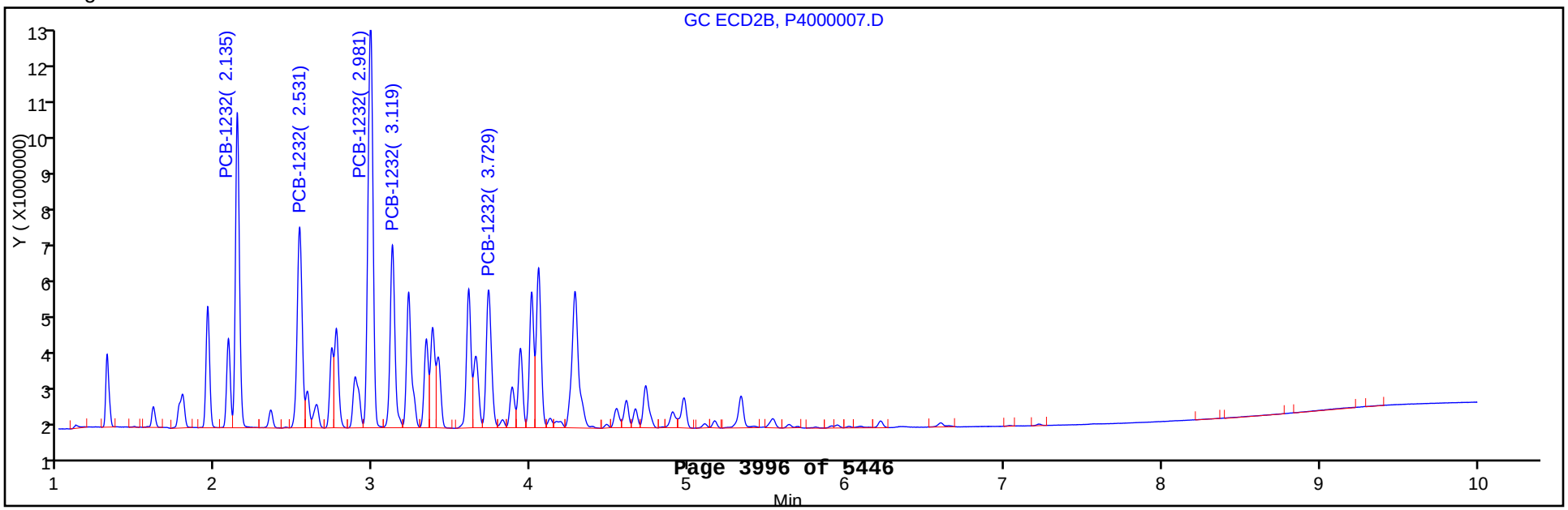
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000007.D

Injection Date:	04-Dec-2012 09:29:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000008.D		
Lims ID:	STD2 1232	Client ID:	
Inject. Date:	04-Dec-2012 09:45:19	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0015497-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	67207	Lims Sample ID:	8
Sublist:	chrom-PCB4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m		
Last Update:	05-Dec-2012 06:34:22	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK010		

First Level Reviewer: hassl Date: 05-Dec-2012 06:22:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.541	1.539	0.002	45060939	1.68		100.0	
1	2	1.824	1.822	0.002	32048047	1.68	46.4- 96.4	71.1	
1	3	2.215	2.212	0.003	72018772	1.85	117.6- 167.6	159.8	
1	4	2.335	2.333	0.002	30633305	1.82	39.5- 89.5	68.0	
1	5	2.714	2.713	0.001	27513165	1.74	34.7- 84.7	61.1	
			Average of Peak Amounts =			1.75			
2	6	2.136	2.133	0.003	29972119	1.65		100.0	
2	7	2.531	2.530	0.001	23793657	1.96	49.8- 109.8	79.4	M
2	8	2.981	2.979	0.002	49675741	1.79	120.0- 180.0	165.7	
2	9	3.120	3.118	0.002	20699268	1.66	37.4- 97.4	69.1	
2	10	3.730	3.728	0.002	17556570	1.71	26.1- 86.1	58.6	
			Average of Peak Amounts =			1.75			
						RPD = 0.08			

QC Flag Legend

Review Flags
M - Manually Integrated

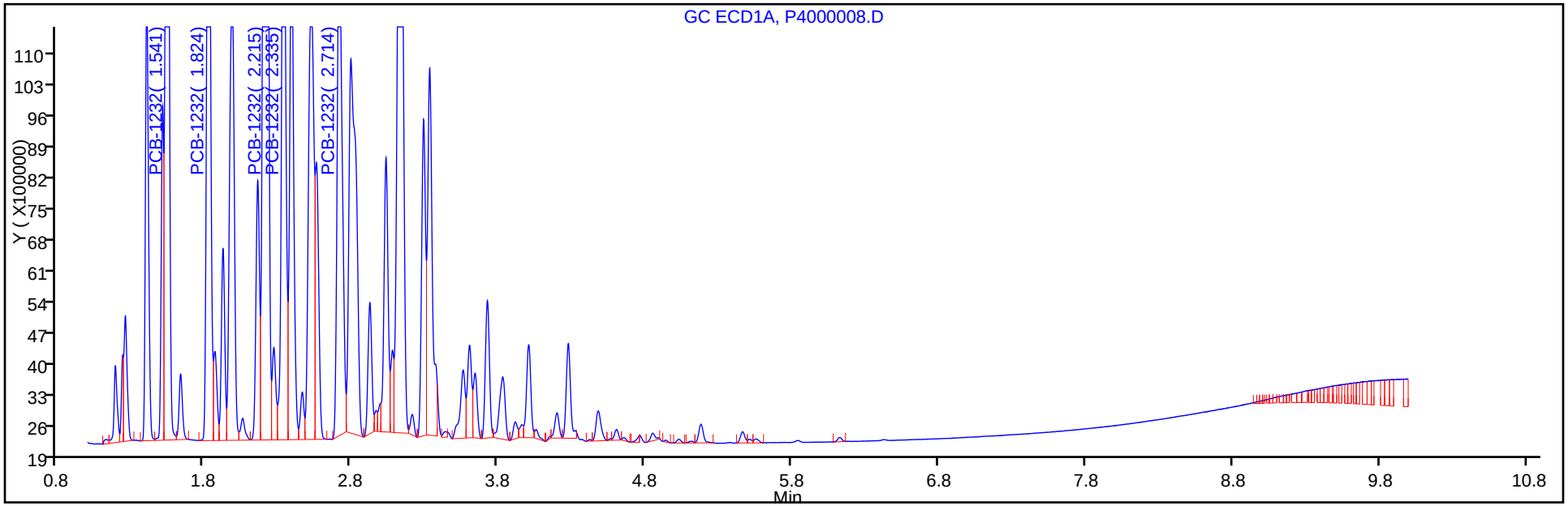
Report Date: 05-Dec-2012 06:34:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

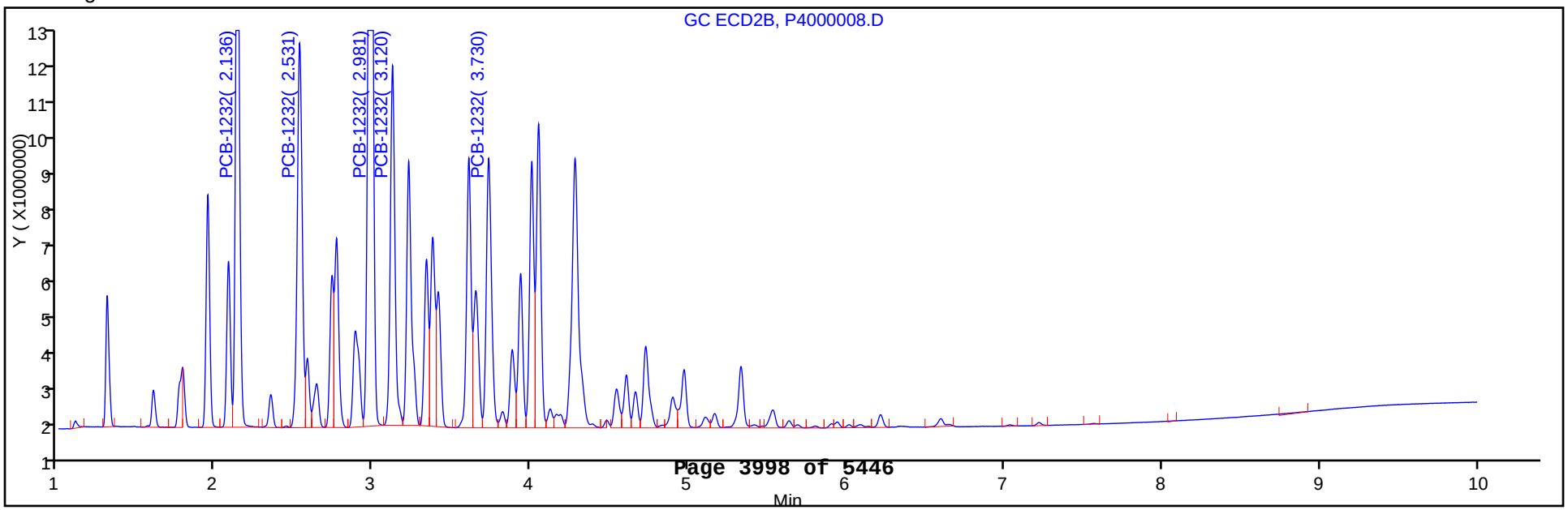
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000008.D

Injection Date:	04-Dec-2012 09:45:19	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



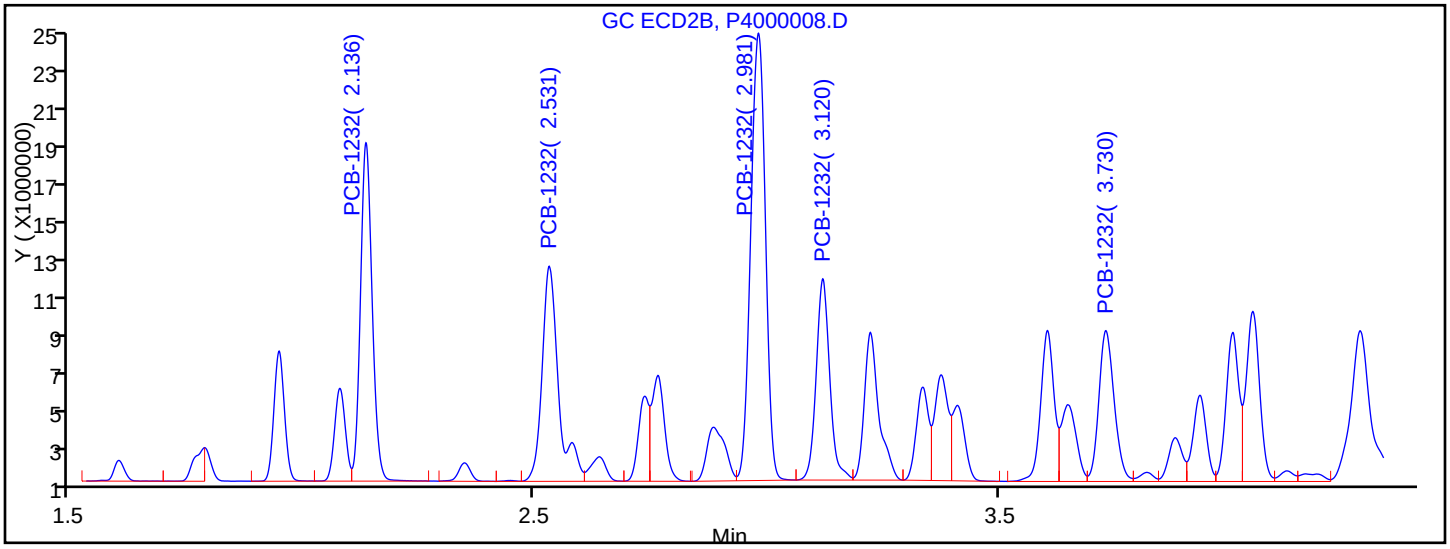
Report Date: 05-Dec-2012 06:34:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000008.D

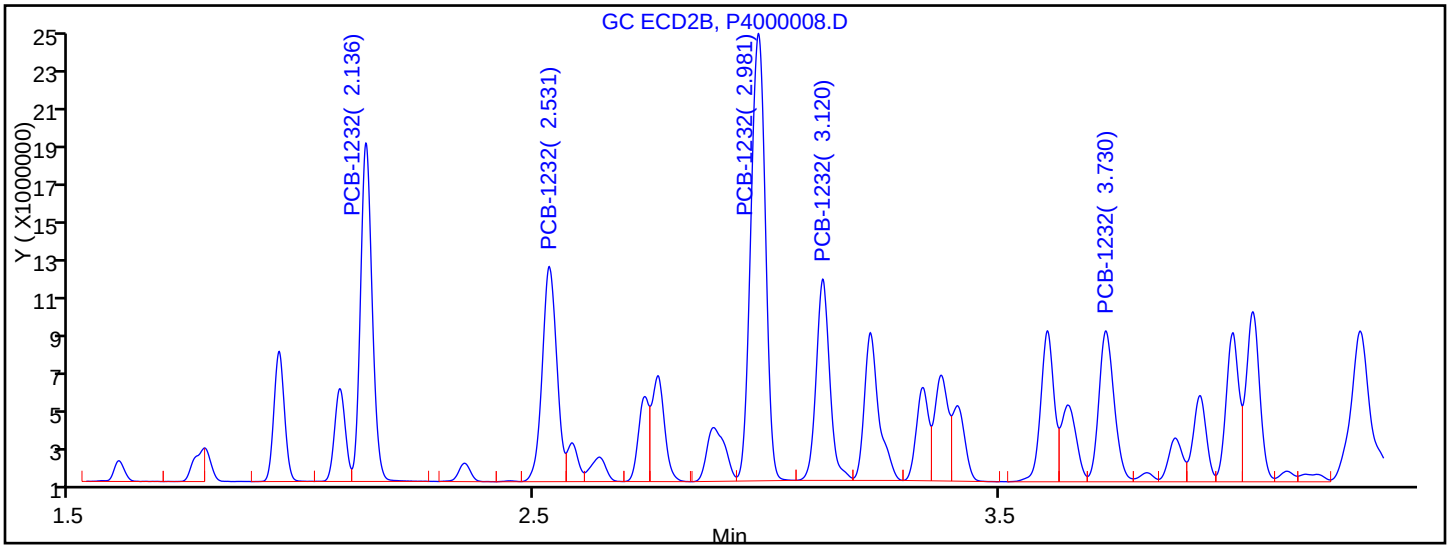
Injection Date:	04-Dec-2012 09:45:19	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 2, GC ecd2b



Processing Integration Results

RT = 2.136	Response = 29972119	
RT = 2.531	Response = 26901926	M
RT = 2.981	Response = 49675741	
RT = 3.120	Response = 20699268	
RT = 3.730	Response = 17556570	



Manual Integration Results

RT = 2.136	Response = 29972119	
RT = 2.531	Response = 23793657	M
RT = 2.981	Response = 49675741	
RT = 3.120	Response = 20699268	
RT = 3.730	Response = 17556570	

Reviewer: hassl, 05-Dec-2012 06:22:36

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 10:07 Calibration End Date: 12/04/2012 11:25 Calibration ID: 12616

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/9	P4000009.D
Level 2	STD01 240-67207/10	P4000010.D
Level 3	STD02 240-67207/11	P4000011.D
Level 4	STD05 240-67207/12	P4000012.D
Level 5	STD1 240-67207/13	P4000013.D
Level 6	STD2 240-67207/14	P4000014.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	1.544	1.541	1.541	1.542	1.542	1.542					1.444 - 1.644	1.542
PCB-1242 Peak 2	1.827	1.823	1.823	1.824	1.824	1.824					1.727 - 1.927	1.824
PCB-1242 Peak 3	2.219	2.214	2.214	2.215	2.215	2.216					2.119 - 2.319	2.216
PCB-1242 Peak 4	2.339	2.334	2.335	2.335	2.335	2.336					2.239 - 2.439	2.336
PCB-1242 Peak 5	2.719	2.714	2.714	2.714	2.715	2.715					2.619 - 2.819	2.715

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 10:07 Calibration End Date: 12/04/2012 11:25 Calibration ID: 12616

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/9	P4000009.D
Level 2	STD01 240-67207/10	P4000010.D
Level 3	STD02 240-67207/11	P4000011.D
Level 4	STD05 240-67207/12	P4000012.D
Level 5	STD1 240-67207/13	P4000013.D
Level 6	STD2 240-67207/14	P4000014.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	25091920 17051344	21695200 15616232	20320115	18389048	Ave		19693976.4				17.0		20.0			
PCB-1242 Peak 2	44143900 32027697	40292260 29364058	37983170	34125828	Ave		36322818.8				15.0		20.0			
PCB-1242 Peak 3	85113500 69259359	79148130 65046426	76036075	70810814	Ave		74235717.4				9.8		20.0			
PCB-1242 Peak 4	39066520 29755945	36236410 27772760	34195430	31056076	Ave		33013856.8				13.0		20.0			
PCB-1242 Peak 5	38985280 30072832	36234440 27919139	33856915	31395558	Ave		33077360.8				12.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 10:07 Calibration End Date: 12/04/2012 11:25 Calibration ID: 12616

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/9	P4000009.D
Level 2	STD01 240-67207/10	P4000010.D
Level 3	STD02 240-67207/11	P4000011.D
Level 4	STD05 240-67207/12	P4000012.D
Level 5	STD1 240-67207/13	P4000013.D
Level 6	STD2 240-67207/14	P4000014.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Ave	1254596 31232463	2169520	4064023	9194524	17051344	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	Ave	2207195 58728115	4029226	7596634	17062914	32027697	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	Ave	4255675 130092853	7914813	15207215	35405407	69259359	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	Ave	1953326 55545520	3623641	6839086	15528038	29755945	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	Ave	1949264 55838279	3623444	6771383	15697779	30072832	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000009.D
Lims ID: STD005 1242 Client ID:
Inject. Date: 04-Dec-2012 10:07:01 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015497-009
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 67207 Lims Sample ID: 9
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:21 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.544	1.544	0.000	1254596	0.0637		100.0	
1	2	1.827	1.827	0.000	2207195	0.0608	161.9- 211.9	175.9	
1	3	2.219	2.219	0.000	4255675	0.0573	349.2- 399.2	339.2	
1	4	2.339	2.339	0.000	1953326	0.0592	143.3- 193.3	155.7	
1	5	2.719	2.719	0.000	1949264	0.0589	141.6- 191.6	155.4	
			Average of Peak Amounts =			0.0600			
2	6	2.134	2.134	0.000	840404	0.0634		100.0	
2	7	2.529	2.529	0.000	1633893	0.0621	170.9- 230.9	194.4	
2	8	2.980	2.980	0.000	2937787	0.0572	354.9- 414.9	349.6	
2	9	3.119	3.119	0.000	1357158	0.0605	140.5- 200.5	161.5	
2	10	3.602	3.602	0.000	1438300	0.0464	115.3- 175.3	171.1	
			Average of Peak Amounts =			0.0579			
						RPD = 3.52			

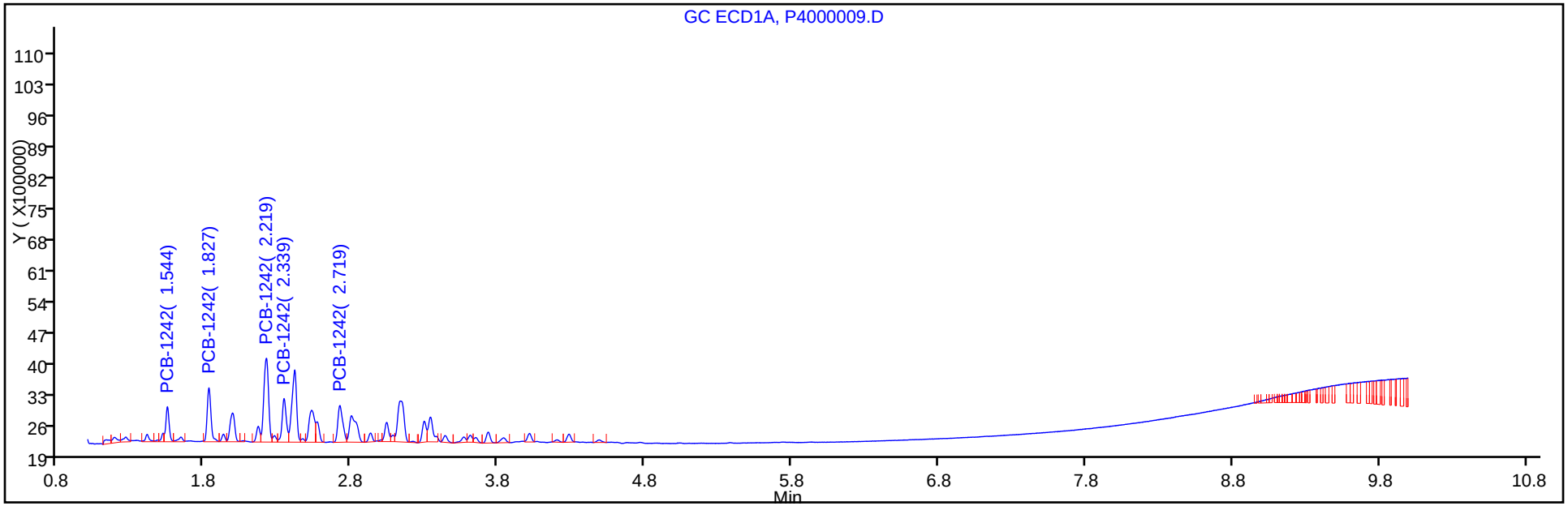
Report Date: 05-Dec-2012 06:34:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

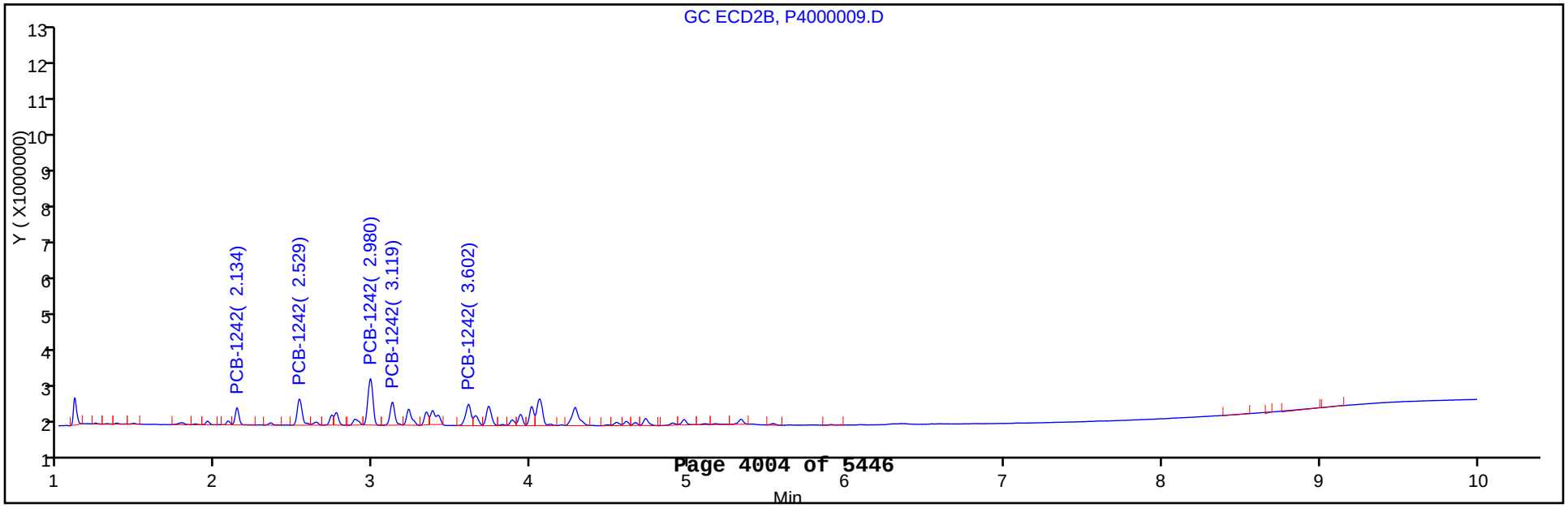
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000009.D

Injection Date:	04-Dec-2012 10:07:01	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000010.D
Lims ID: STD01 1242 Client ID:
Inject. Date: 04-Dec-2012 10:22:43 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015497-010
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 67207 Lims Sample ID: 10
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:19 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.541	1.544	-0.003	2169520	0.1102		100.0	
1	2	1.823	1.827	-0.004	4029226	0.1109	161.9- 211.9	185.7	
1	3	2.214	2.219	-0.005	7914813	0.1066	349.2- 399.2	364.8	
1	4	2.334	2.339	-0.005	3623641	0.1098	143.3- 193.3	167.0	
1	5	2.714	2.719	-0.005	3623444	0.1095	141.6- 191.6	167.0	
			Average of Peak Amounts =			0.1094			
2	6	2.134	2.134	0.000	1500619	0.1131		100.0	
2	7	2.530	2.529	0.001	2936722	0.1116	170.9- 230.9	195.7	
2	8	2.981	2.980	0.001	5497020	0.1070	354.9- 414.9	366.3	
2	9	3.119	3.119	0.000	2435304	0.1086	140.5- 200.5	162.3	
2	10	3.603	3.602	0.001	2196879	0.0961	115.3- 175.3	146.4	
			Average of Peak Amounts =			0.1073			
						RPD = 1.97			

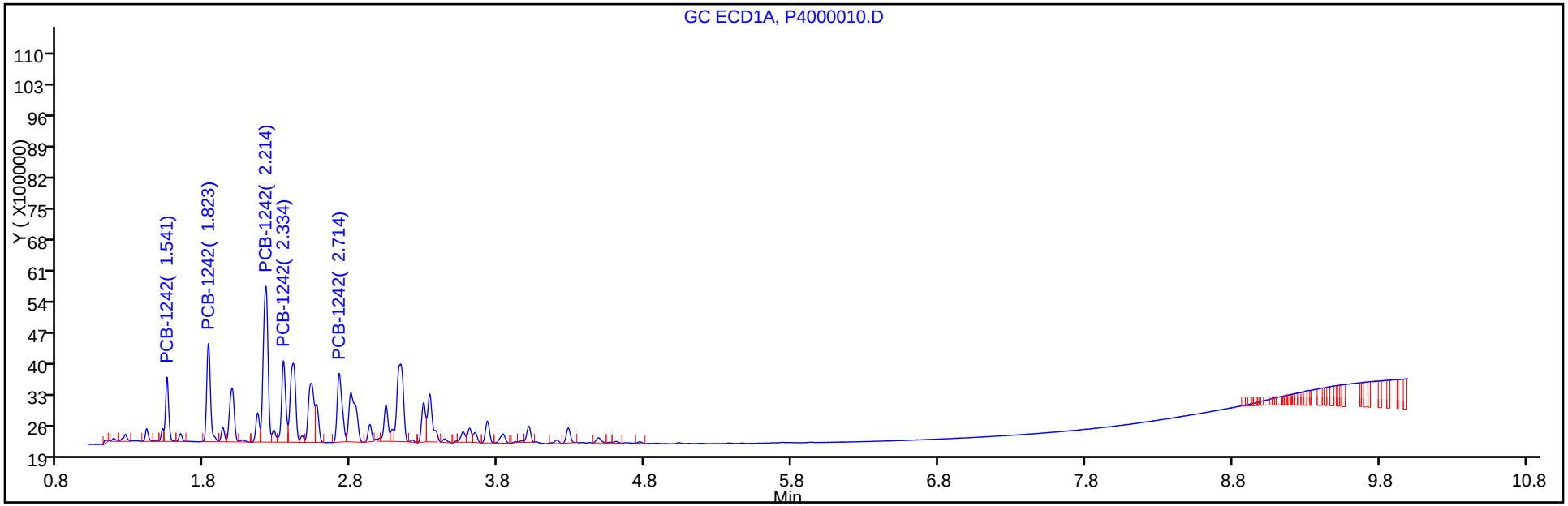
Report Date: 05-Dec-2012 06:34:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

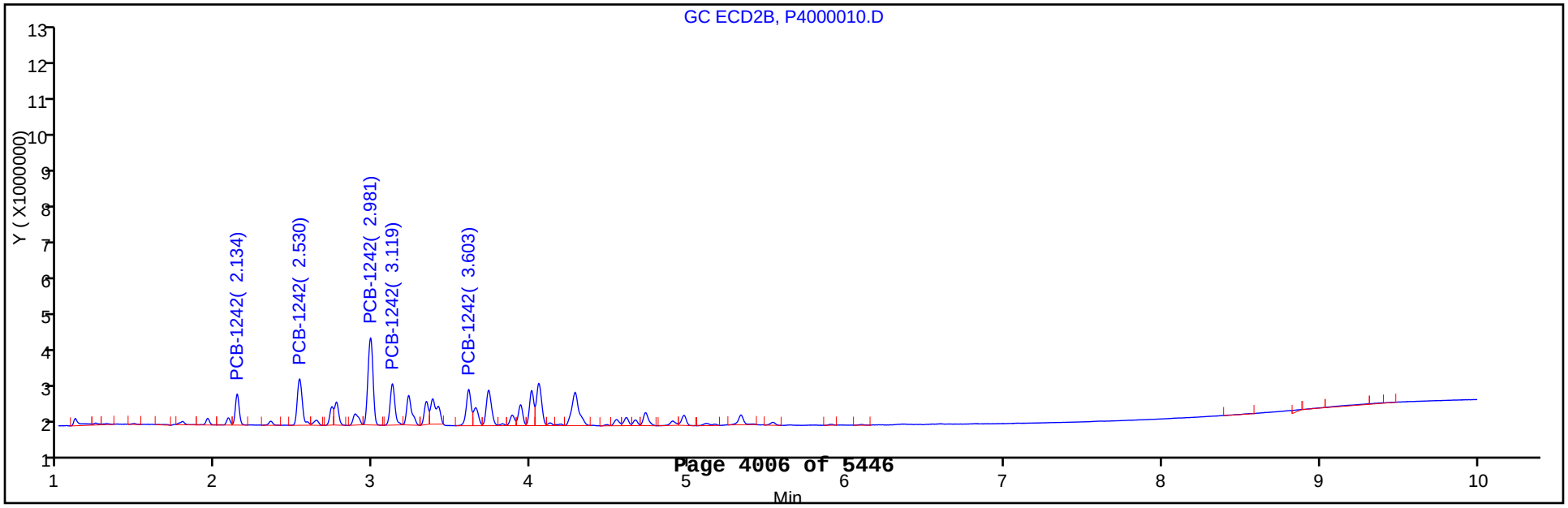
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000010.D

Injection Date:	04-Dec-2012 10:22:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000011.D
Lims ID: STD02 1242 Client ID:
Inject. Date: 04-Dec-2012 10:38:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015497-011
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 67207 Lims Sample ID: 11
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:18 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.541	1.544	-0.003	4064023	0.2064		100.0	
1	2	1.823	1.827	-0.004	7596634	0.2091	161.9- 211.9	186.9	
1	3	2.214	2.219	-0.005	15207215	0.2049	349.2- 399.2	374.2	
1	4	2.335	2.339	-0.004	6839086	0.2072	143.3- 193.3	168.3	
1	5	2.714	2.719	-0.005	6771383	0.2047	141.6- 191.6	166.6	
			Average of Peak Amounts =			0.2064			
2	6	2.135	2.134	0.001	2746147	0.2070		100.0	
2	7	2.531	2.529	0.002	5516602	0.2096	170.9- 230.9	200.9	
2	8	2.980	2.980	0.000	10568692	0.2056	354.9- 414.9	384.9	
2	9	3.119	3.119	0.000	4681508	0.2088	140.5- 200.5	170.5	
2	10	3.604	3.602	0.002	3990422	0.2136	115.3- 175.3	145.3	
			Average of Peak Amounts =			0.2089			
						RPD = 1.20			

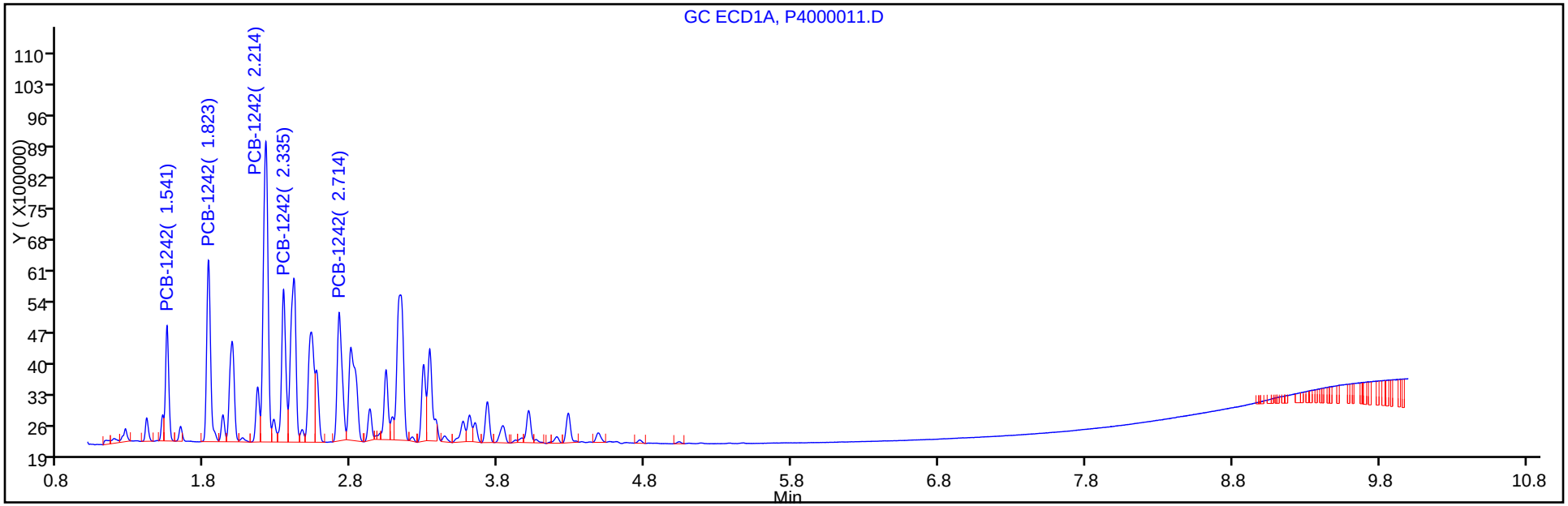
Report Date: 05-Dec-2012 06:34:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

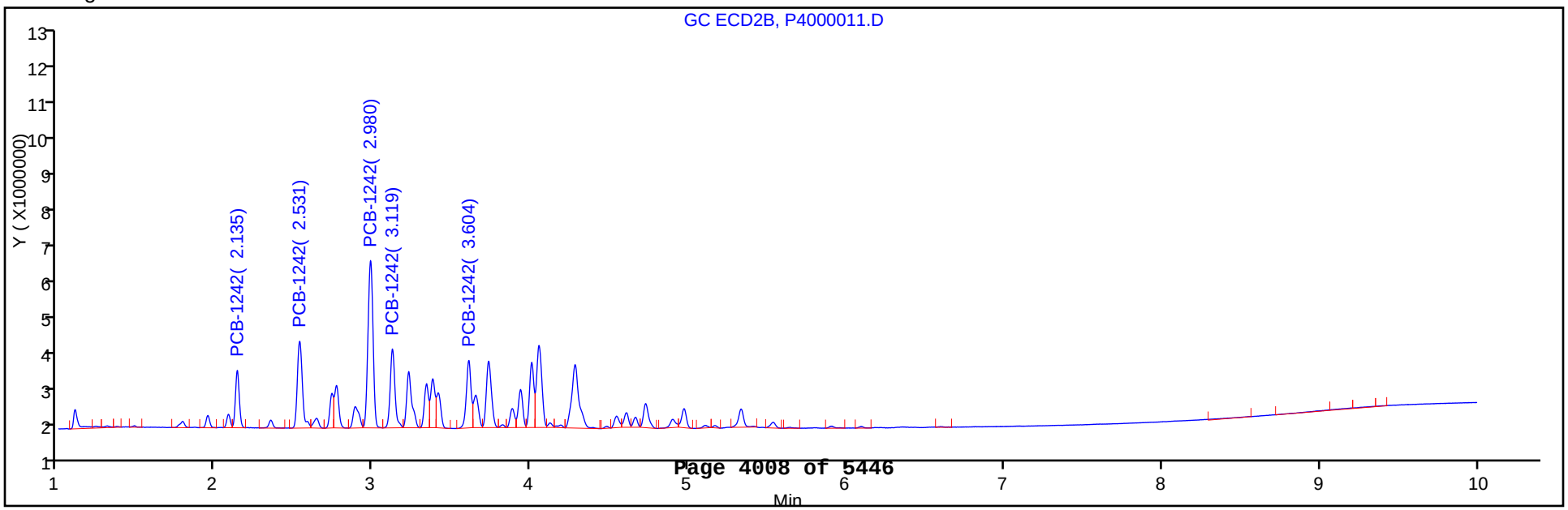
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Injection Date:	04-Dec-2012 10:38:30	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000012.D
Lims ID: STD05 1242 Client ID:
Inject. Date: 04-Dec-2012 10:54:13 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015497-012
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 67207 Lims Sample ID: 12
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:16 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.542	1.544	-0.002	9194524	0.4669		100.0	
1	2	1.824	1.827	-0.003	17062914	0.4698	161.9- 211.9	185.6	
1	3	2.215	2.219	-0.004	35405407	0.4769	349.2- 399.2	385.1	
1	4	2.335	2.339	-0.004	15528038	0.4703	143.3- 193.3	168.9	
1	5	2.714	2.719	-0.005	15697779	0.4746	141.6- 191.6	170.7	
			Average of Peak Amounts =			0.4717			
2	6	2.135	2.134	0.001	6159117	0.4644		100.0	
2	7	2.531	2.529	0.002	12305950	0.4675	170.9- 230.9	199.8	
2	8	2.981	2.980	0.001	24679040	0.4802	354.9- 414.9	400.7	
2	9	3.120	3.119	0.001	10717855	0.4780	140.5- 200.5	174.0	
2	10	3.604	3.602	0.002	8719752	0.5234	115.3- 175.3	141.6	
			Average of Peak Amounts =			0.4827			
						RPD = 2.31			

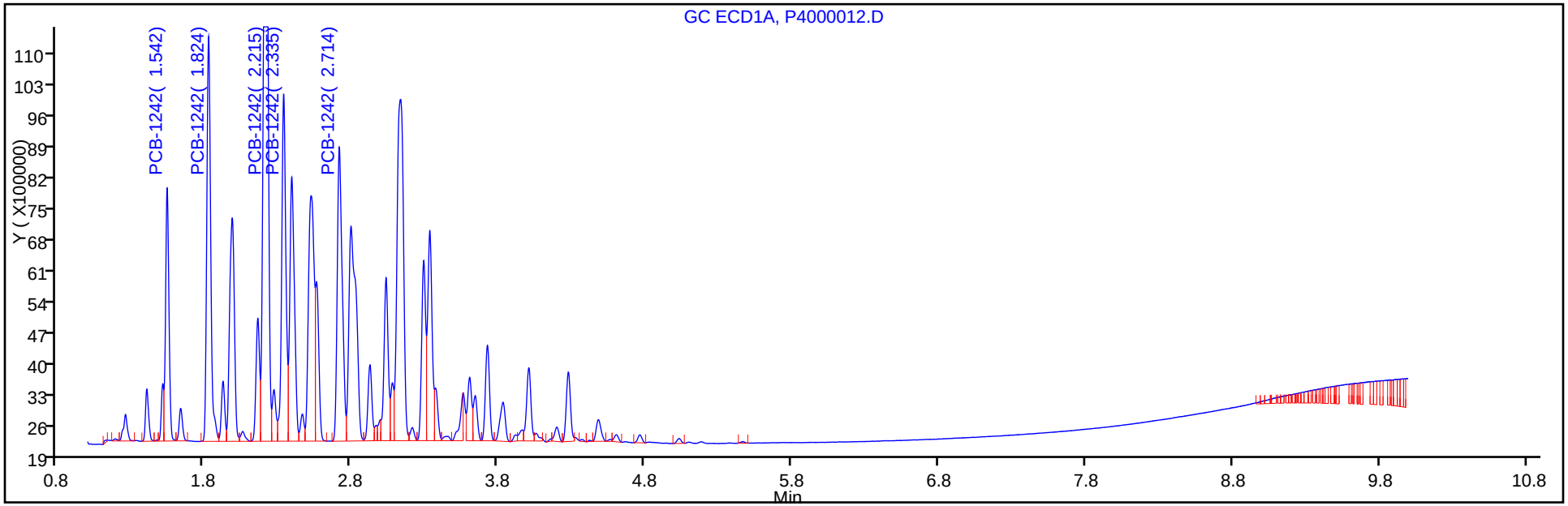
Report Date: 05-Dec-2012 06:34:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

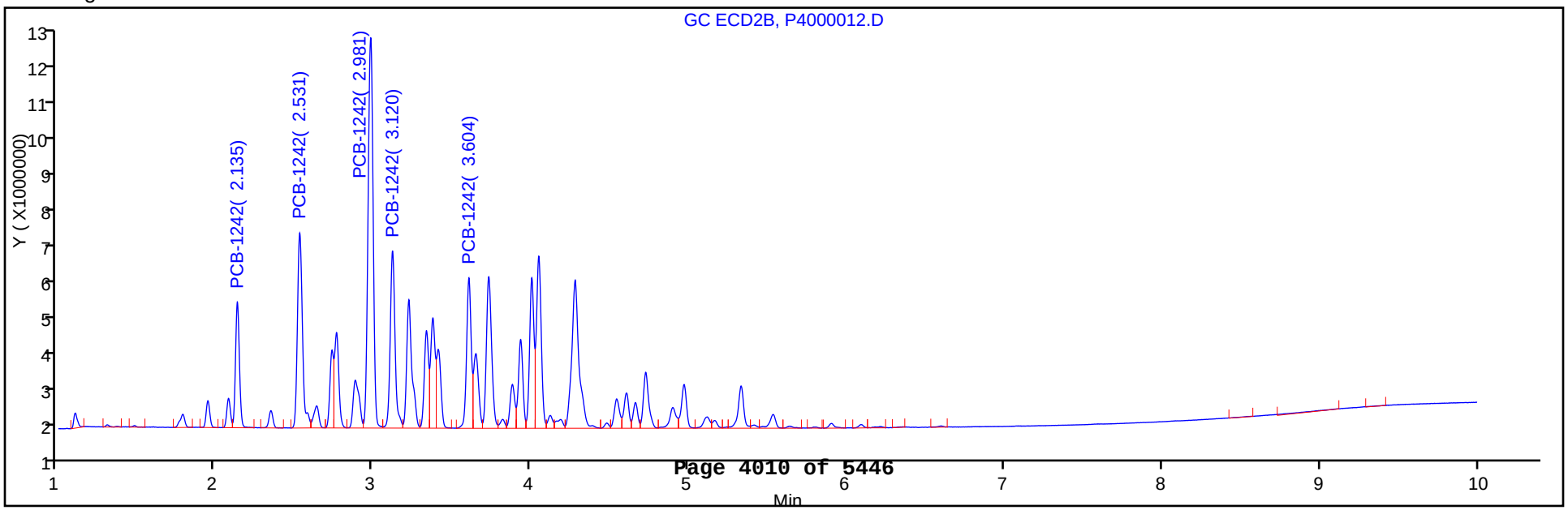
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000012.D

Injection Date:	04-Dec-2012 10:54:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000013.D
Lims ID: STD1 1242 Client ID:
Inject. Date: 04-Dec-2012 11:10:04 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015497-013
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 67207 Lims Sample ID: 13
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:15 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.542	1.544	-0.002	17051344	0.8658		100.0	
1	2	1.824	1.827	-0.003	32027697	0.8818	161.9- 211.9	187.8	
1	3	2.215	2.219	-0.004	69259359	0.9330	349.2- 399.2	406.2	
1	4	2.335	2.339	-0.004	29755945	0.9013	143.3- 193.3	174.5	
1	5	2.715	2.719	-0.004	30072832	0.9092	141.6- 191.6	176.4	
			Average of Peak Amounts =			0.8982			
2	6	2.136	2.134	0.002	11310001	0.8527		100.0	
2	7	2.531	2.529	0.002	22733034	0.8637	170.9- 230.9	201.0	
2	8	2.982	2.980	0.002	47474635	0.9237	354.9- 414.9	419.8	
2	9	3.120	3.119	0.001	19759232	0.8813	140.5- 200.5	174.7	
2	10	3.604	3.602	0.002	16353071	1.02	115.3- 175.3	144.6	
			Average of Peak Amounts =			0.9090			
						RPD = 1.19			

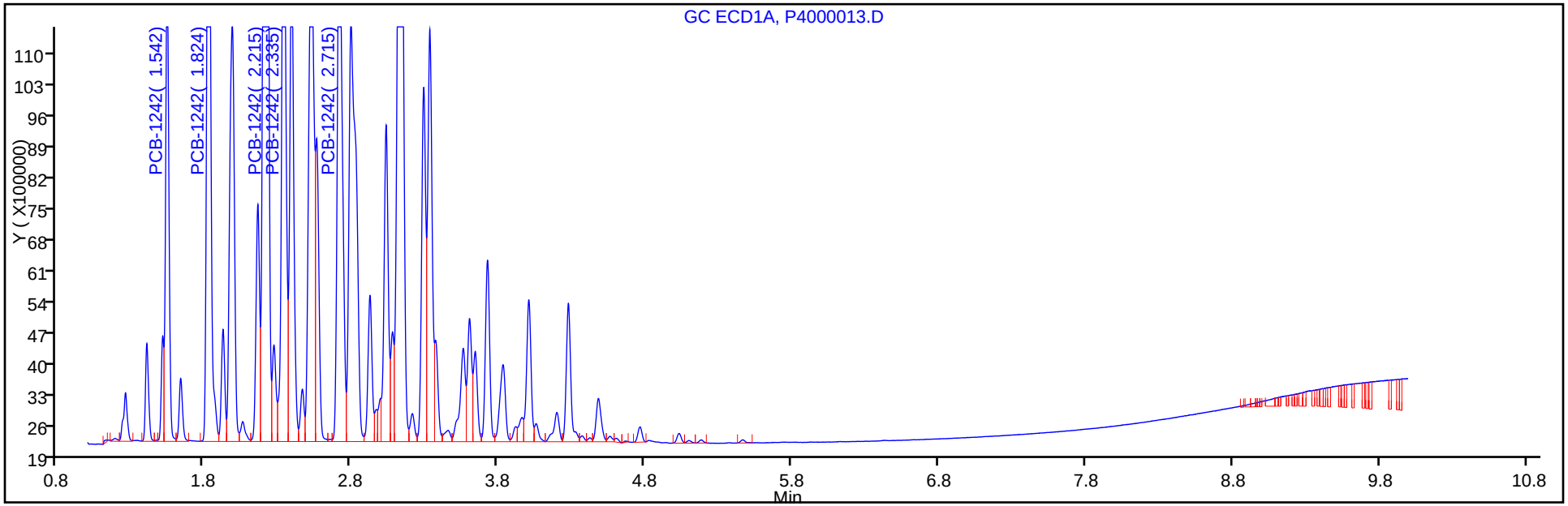
Report Date: 05-Dec-2012 06:34:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

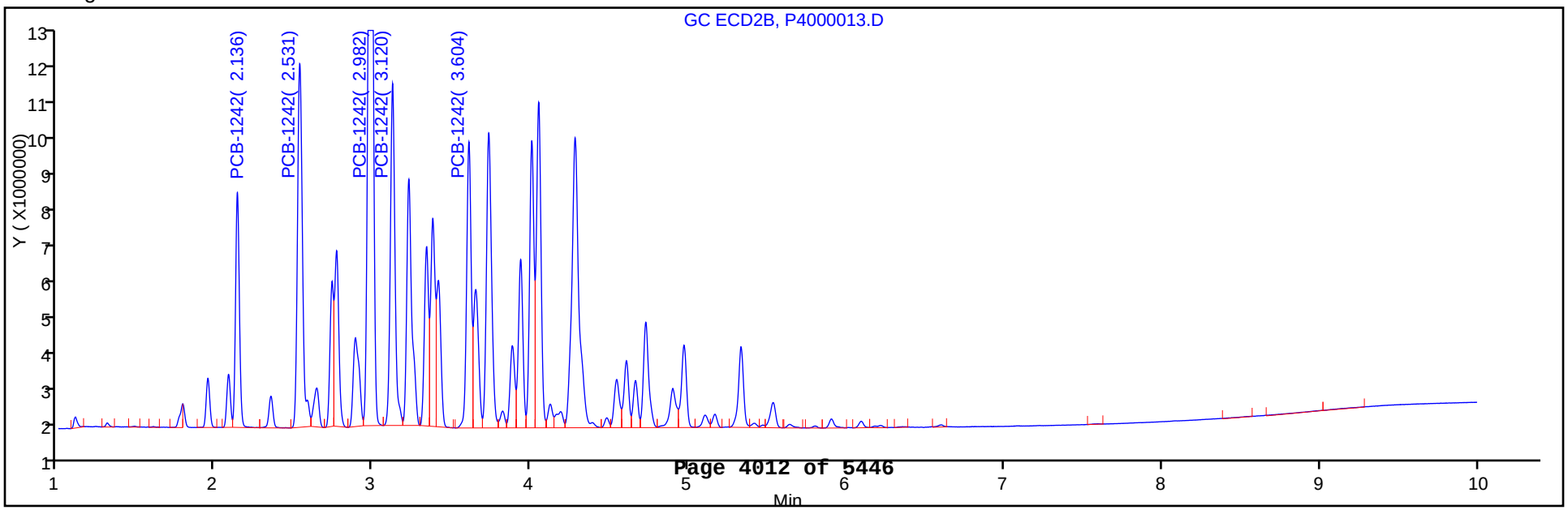
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000013.D

Injection Date:	04-Dec-2012 11:10:04	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000014.D
Lims ID: STD2 1242 Client ID:
Inject. Date: 04-Dec-2012 11:25:46 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015497-014
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 67207 Lims Sample ID: 14
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:13 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.542	1.544	-0.002	31232463	1.59		100.0	
1	2	1.824	1.827	-0.003	58728115	1.62	161.9- 211.9	188.0	
1	3	2.216	2.219	-0.003	130092853	1.75	349.2- 399.2	416.5	
1	4	2.336	2.339	-0.003	55545520	1.68	143.3- 193.3	177.8	
1	5	2.715	2.719	-0.004	55838279	1.69	141.6- 191.6	178.8	
			Average of Peak Amounts =			1.67			
2	6	2.136	2.134	0.002	20815958	1.57		100.0	
2	7	2.531	2.529	0.002	41896853	1.59	170.9- 230.9	201.3	
2	8	2.982	2.980	0.002	89947456	1.75	354.9- 414.9	432.1	
2	9	3.120	3.119	0.001	36846026	1.64	140.5- 200.5	177.0	
2	10	3.604	3.602	0.002	30456555	1.95	115.3- 175.3	146.3	
			Average of Peak Amounts =			1.70			
						RPD = 2.09			

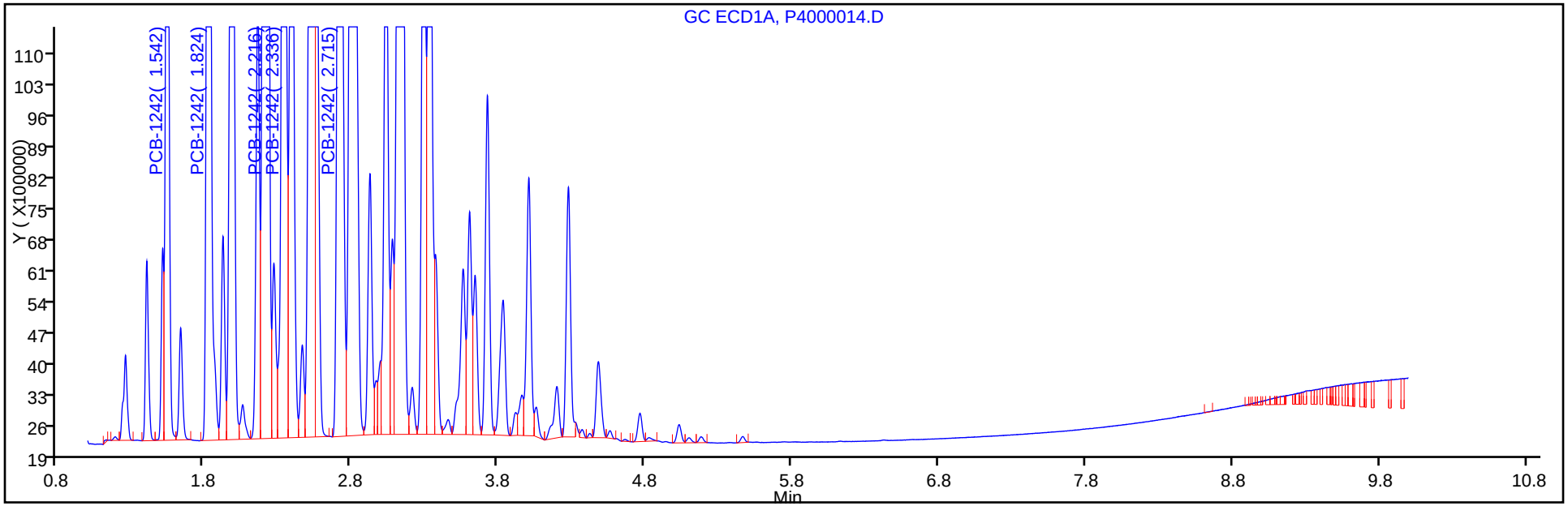
Report Date: 05-Dec-2012 06:34:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

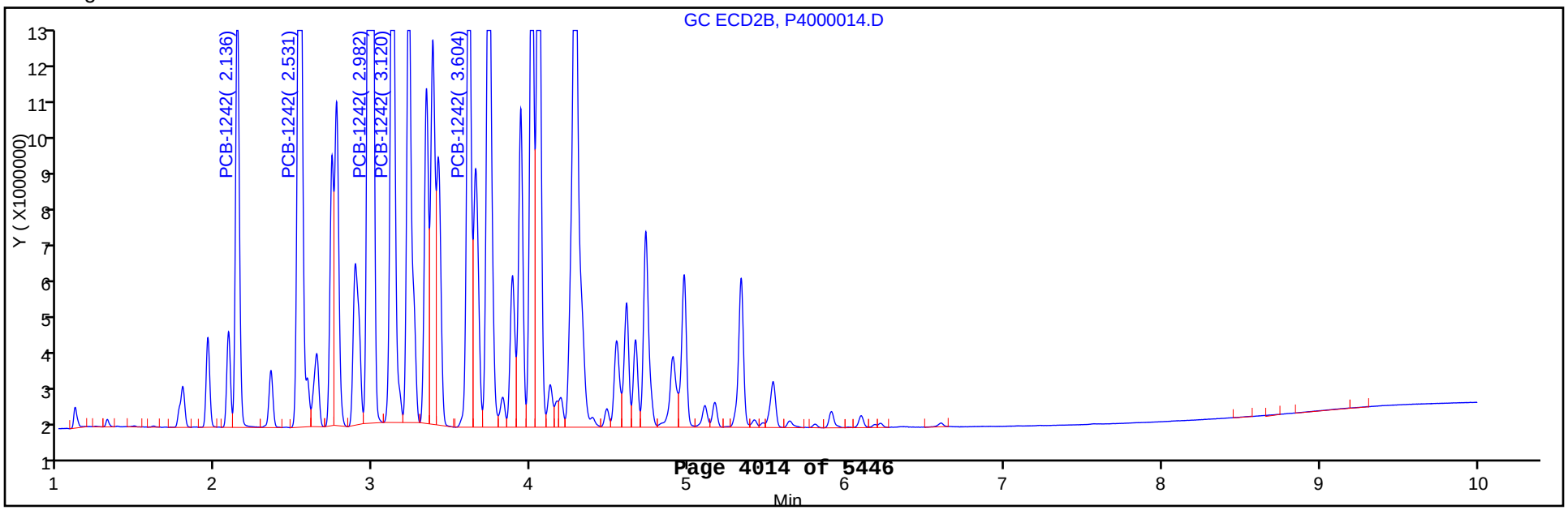
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000014.D

Injection Date:	04-Dec-2012 11:25:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 10:07 Calibration End Date: 12/04/2012 11:25 Calibration ID: 12617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/9	P4000009.D
Level 2	STD01 240-67207/10	P4000010.D
Level 3	STD02 240-67207/11	P4000011.D
Level 4	STD05 240-67207/12	P4000012.D
Level 5	STD1 240-67207/13	P4000013.D
Level 6	STD2 240-67207/14	P4000014.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1242 Peak 1	2.134	2.134	2.135	2.135	2.136	2.136					2.034 - 2.234	2.135
PCB-1242 Peak 2	2.529	2.530	2.531	2.531	2.531	2.531					2.429 - 2.629	2.531
PCB-1242 Peak 3	2.980	2.981	2.980	2.981	2.982	2.982					2.880 - 3.080	2.981
PCB-1242 Peak 4	3.119	3.119	3.119	3.120	3.120	3.120					3.019 - 3.219	3.120
PCB-1242 Peak 5	3.602	3.603	3.604	3.604	3.604	3.604					3.502 - 3.702	3.604

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 10:07 Calibration End Date: 12/04/2012 11:25 Calibration ID: 12617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/9	P4000009.D
Level 2	STD01 240-67207/10	P4000010.D
Level 3	STD02 240-67207/11	P4000011.D
Level 4	STD05 240-67207/12	P4000012.D
Level 5	STD1 240-67207/13	P4000013.D
Level 6	STD2 240-67207/14	P4000014.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1242 Peak 1	16808080 11310001	15006190 10407979	13730735	12318234	Ave		13263536.5				18.0		20.0			
PCB-1242 Peak 2	32677860 22733034	29367220 20948427	27583010	24611900	Ave		26320241.8				17.0		20.0			
PCB-1242 Peak 3	58755740 47474635	54970200 44973728	52843460	49358080	Ave		51395973.8				9.9		20.0			
PCB-1242 Peak 4	27143160 19759232	24353040 18423013	23407540	21435710	Ave		22420282.5				14.0		20.0			
PCB-1242 Peak 5	28766000 16353071	21968790 15228278	19952110	17439504	Lin1	730184.657	15265940.5							0.9990		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 10:07 Calibration End Date: 12/04/2012 11:25 Calibration ID: 12617

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/9	P4000009.D
Level 2	STD01 240-67207/10	P4000010.D
Level 3	STD02 240-67207/11	P4000011.D
Level 4	STD05 240-67207/12	P4000012.D
Level 5	STD1 240-67207/13	P4000013.D
Level 6	STD2 240-67207/14	P4000014.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Ave	840404 20815958	1500619	2746147	6159117	11310001	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 2	Ave	1633893 41896853	2936722	5516602	12305950	22733034	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 3	Ave	2937787 89947456	5497020	10568692	24679040	47474635	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 4	Ave	1357158 36846026	2435304	4681508	10717855	19759232	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1242 Peak 5	Lin1	1438300 30456555	2196879	3990422	8719752	16353071	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000009.D
Lims ID: STD005 1242 Client ID:
Inject. Date: 04-Dec-2012 10:07:01 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015497-009
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 67207 Lims Sample ID: 9
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:21 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.544	1.544	0.000	1254596	0.0637		100.0	
1	2	1.827	1.827	0.000	2207195	0.0608	161.9- 211.9	175.9	
1	3	2.219	2.219	0.000	4255675	0.0573	349.2- 399.2	339.2	
1	4	2.339	2.339	0.000	1953326	0.0592	143.3- 193.3	155.7	
1	5	2.719	2.719	0.000	1949264	0.0589	141.6- 191.6	155.4	
			Average of Peak Amounts =			0.0600			
2	6	2.134	2.134	0.000	840404	0.0634		100.0	
2	7	2.529	2.529	0.000	1633893	0.0621	170.9- 230.9	194.4	
2	8	2.980	2.980	0.000	2937787	0.0572	354.9- 414.9	349.6	
2	9	3.119	3.119	0.000	1357158	0.0605	140.5- 200.5	161.5	
2	10	3.602	3.602	0.000	1438300	0.0464	115.3- 175.3	171.1	
			Average of Peak Amounts =			0.0579			
						RPD = 3.52			

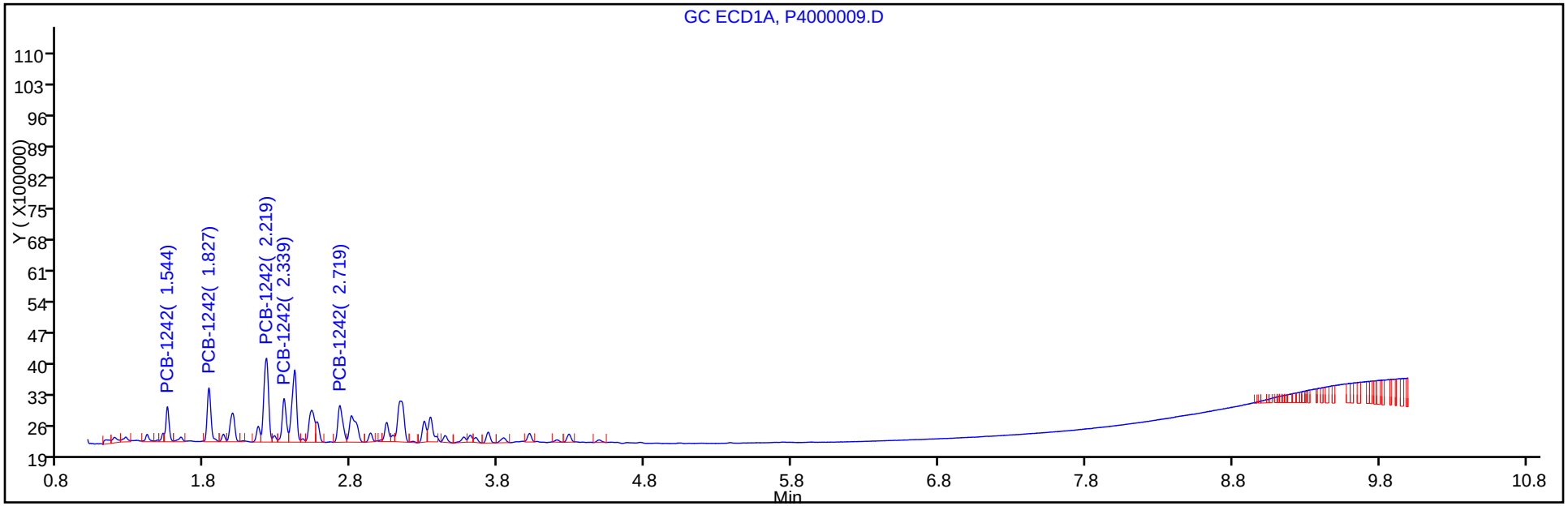
Report Date: 05-Dec-2012 06:34:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

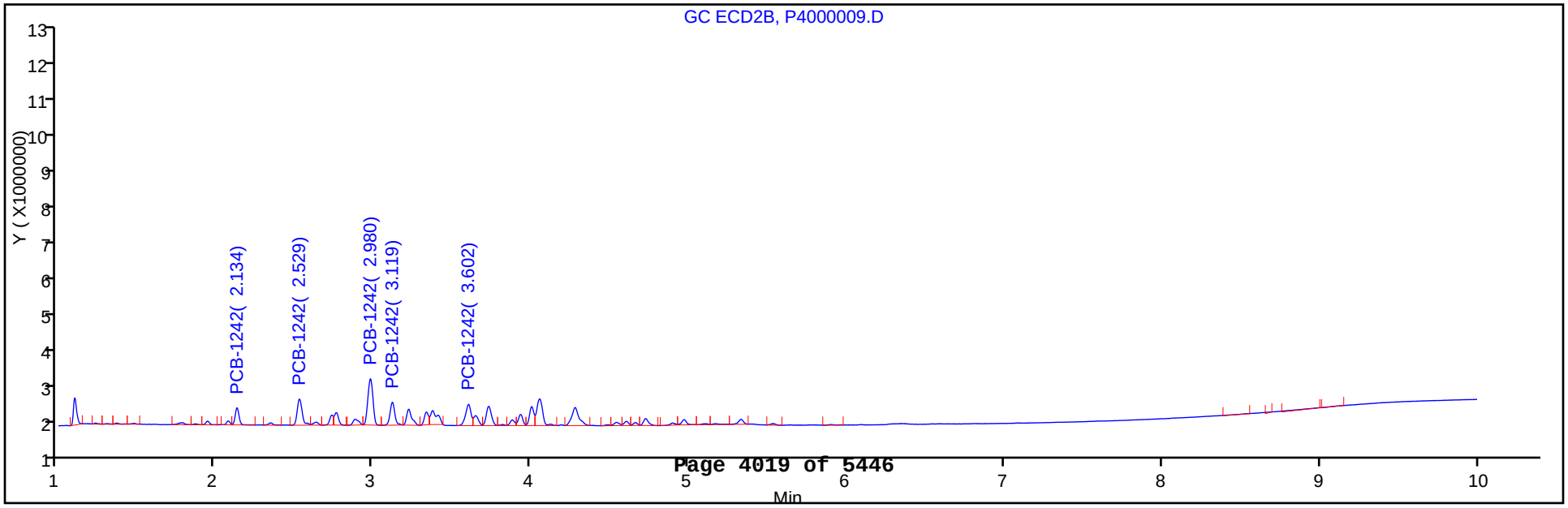
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000009.D

Injection Date:	04-Dec-2012 10:07:01	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000010.D
Lims ID: STD01 1242 Client ID:
Inject. Date: 04-Dec-2012 10:22:43 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015497-010
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 67207 Lims Sample ID: 10
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:19 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.541	1.544	-0.003	2169520	0.1102		100.0	
1	2	1.823	1.827	-0.004	4029226	0.1109	161.9- 211.9	185.7	
1	3	2.214	2.219	-0.005	7914813	0.1066	349.2- 399.2	364.8	
1	4	2.334	2.339	-0.005	3623641	0.1098	143.3- 193.3	167.0	
1	5	2.714	2.719	-0.005	3623444	0.1095	141.6- 191.6	167.0	
			Average of Peak Amounts =			0.1094			
2	6	2.134	2.134	0.000	1500619	0.1131		100.0	
2	7	2.530	2.529	0.001	2936722	0.1116	170.9- 230.9	195.7	
2	8	2.981	2.980	0.001	5497020	0.1070	354.9- 414.9	366.3	
2	9	3.119	3.119	0.000	2435304	0.1086	140.5- 200.5	162.3	
2	10	3.603	3.602	0.001	2196879	0.0961	115.3- 175.3	146.4	
			Average of Peak Amounts =			0.1073			
						RPD = 1.97			

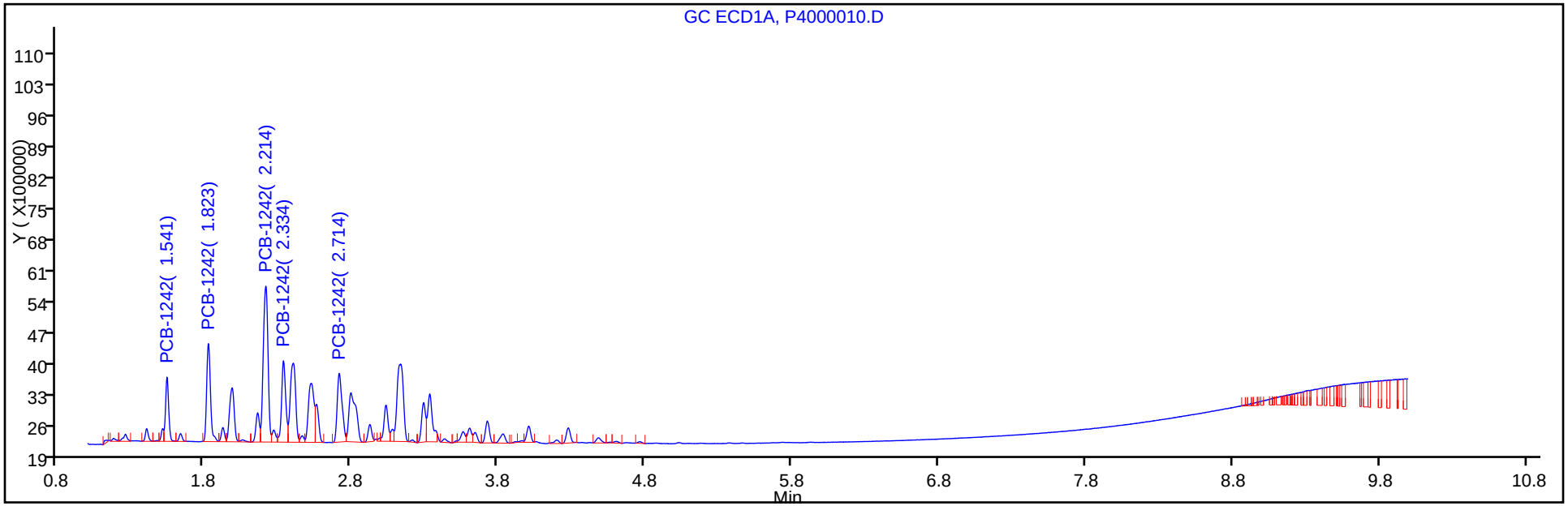
Report Date: 05-Dec-2012 06:34:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

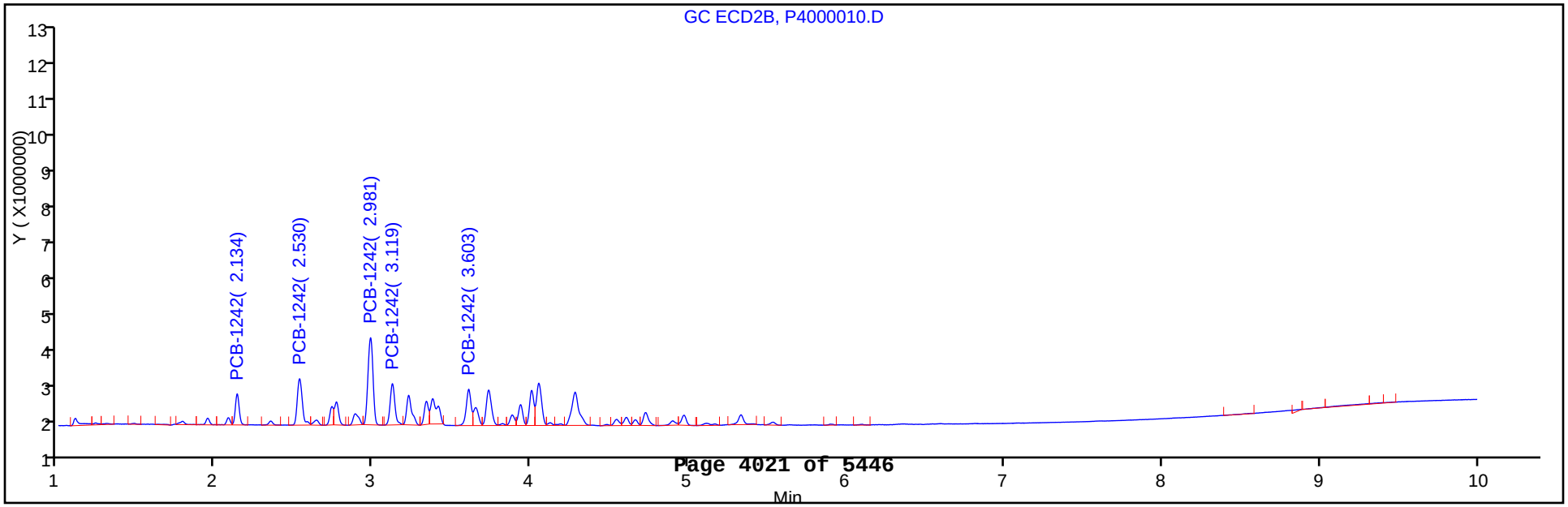
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000010.D

Injection Date:	04-Dec-2012 10:22:43	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000011.D
Lims ID: STD02 1242 Client ID:
Inject. Date: 04-Dec-2012 10:38:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015497-011
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 67207 Lims Sample ID: 11
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:18 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.541	1.544	-0.003	4064023	0.2064		100.0	
1	2	1.823	1.827	-0.004	7596634	0.2091	161.9- 211.9	186.9	
1	3	2.214	2.219	-0.005	15207215	0.2049	349.2- 399.2	374.2	
1	4	2.335	2.339	-0.004	6839086	0.2072	143.3- 193.3	168.3	
1	5	2.714	2.719	-0.005	6771383	0.2047	141.6- 191.6	166.6	
			Average of Peak Amounts =			0.2064			
2	6	2.135	2.134	0.001	2746147	0.2070		100.0	
2	7	2.531	2.529	0.002	5516602	0.2096	170.9- 230.9	200.9	
2	8	2.980	2.980	0.000	10568692	0.2056	354.9- 414.9	384.9	
2	9	3.119	3.119	0.000	4681508	0.2088	140.5- 200.5	170.5	
2	10	3.604	3.602	0.002	3990422	0.2136	115.3- 175.3	145.3	
			Average of Peak Amounts =			0.2089			
						RPD = 1.20			

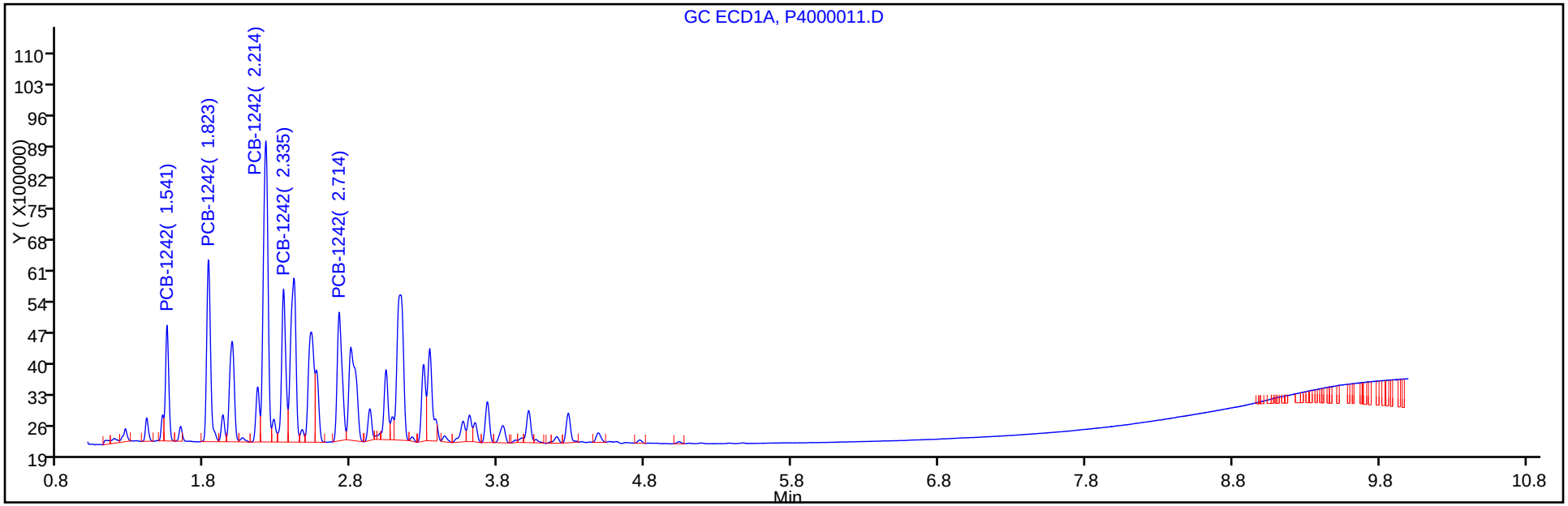
Report Date: 05-Dec-2012 06:34:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

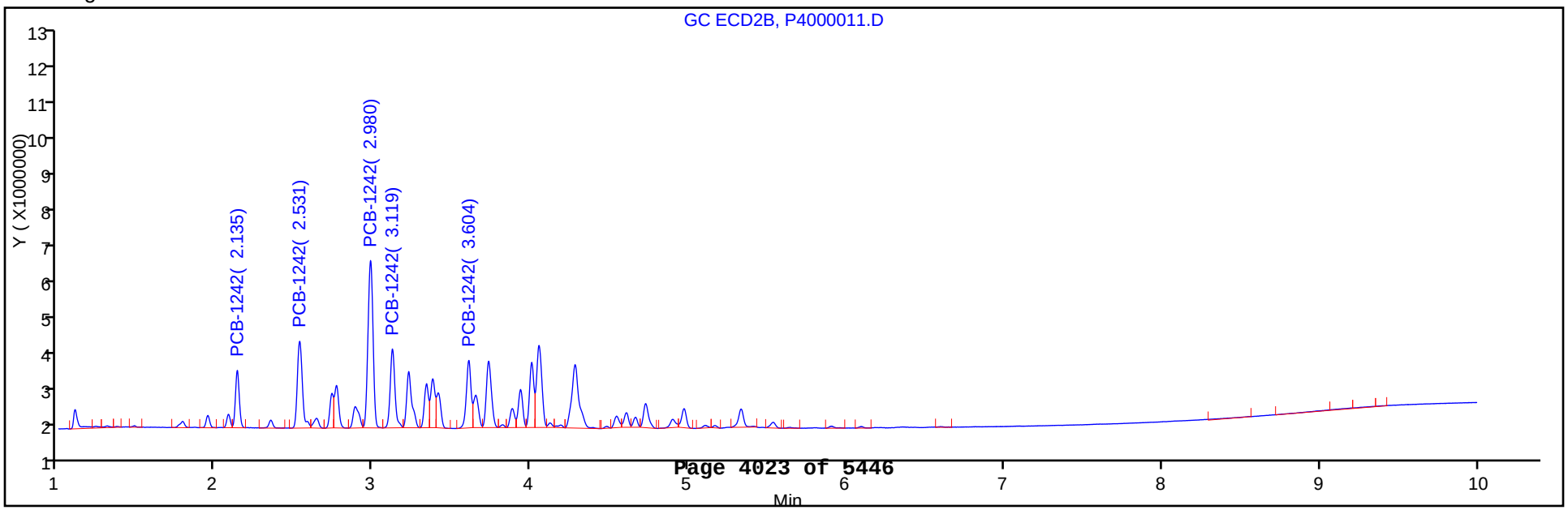
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000011.D

Injection Date:	04-Dec-2012 10:38:30	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000012.D
Lims ID: STD05 1242 Client ID:
Inject. Date: 04-Dec-2012 10:54:13 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015497-012
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 67207 Lims Sample ID: 12
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:16 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.542	1.544	-0.002	9194524	0.4669		100.0	
1	2	1.824	1.827	-0.003	17062914	0.4698	161.9- 211.9	185.6	
1	3	2.215	2.219	-0.004	35405407	0.4769	349.2- 399.2	385.1	
1	4	2.335	2.339	-0.004	15528038	0.4703	143.3- 193.3	168.9	
1	5	2.714	2.719	-0.005	15697779	0.4746	141.6- 191.6	170.7	
			Average of Peak Amounts =			0.4717			
2	6	2.135	2.134	0.001	6159117	0.4644		100.0	
2	7	2.531	2.529	0.002	12305950	0.4675	170.9- 230.9	199.8	
2	8	2.981	2.980	0.001	24679040	0.4802	354.9- 414.9	400.7	
2	9	3.120	3.119	0.001	10717855	0.4780	140.5- 200.5	174.0	
2	10	3.604	3.602	0.002	8719752	0.5234	115.3- 175.3	141.6	
			Average of Peak Amounts =			0.4827			
						RPD = 2.31			

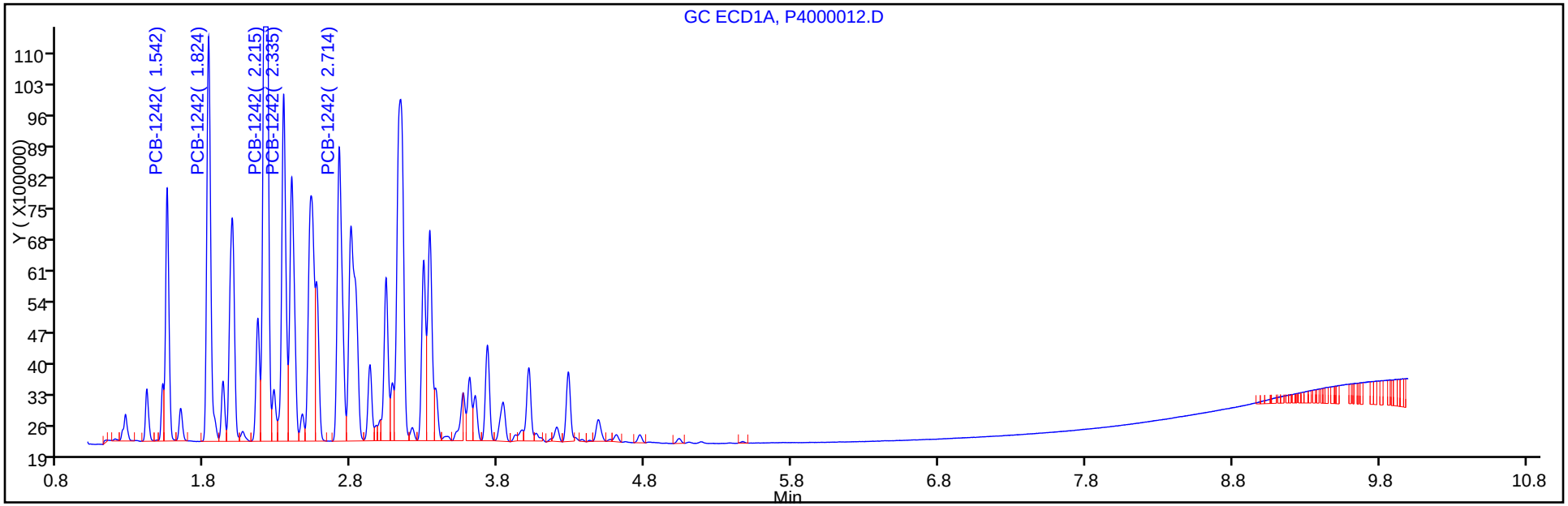
Report Date: 05-Dec-2012 06:34:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

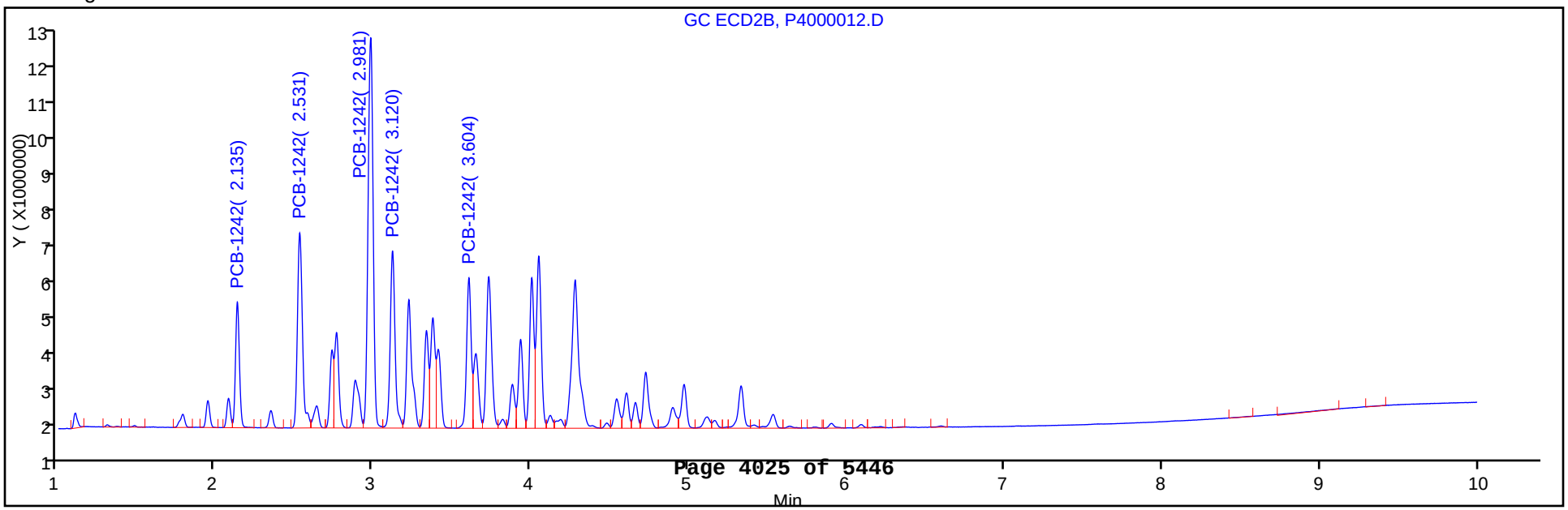
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000012.D

Injection Date:	04-Dec-2012 10:54:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000013.D
Lims ID: STD1 1242 Client ID:
Inject. Date: 04-Dec-2012 11:10:04 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015497-013
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 67207 Lims Sample ID: 13
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:15 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.542	1.544	-0.002	17051344	0.8658		100.0	
1	2	1.824	1.827	-0.003	32027697	0.8818	161.9- 211.9	187.8	
1	3	2.215	2.219	-0.004	69259359	0.9330	349.2- 399.2	406.2	
1	4	2.335	2.339	-0.004	29755945	0.9013	143.3- 193.3	174.5	
1	5	2.715	2.719	-0.004	30072832	0.9092	141.6- 191.6	176.4	
			Average of Peak Amounts =			0.8982			
2	6	2.136	2.134	0.002	11310001	0.8527		100.0	
2	7	2.531	2.529	0.002	22733034	0.8637	170.9- 230.9	201.0	
2	8	2.982	2.980	0.002	47474635	0.9237	354.9- 414.9	419.8	
2	9	3.120	3.119	0.001	19759232	0.8813	140.5- 200.5	174.7	
2	10	3.604	3.602	0.002	16353071	1.02	115.3- 175.3	144.6	
			Average of Peak Amounts =			0.9090			
						RPD = 1.19			

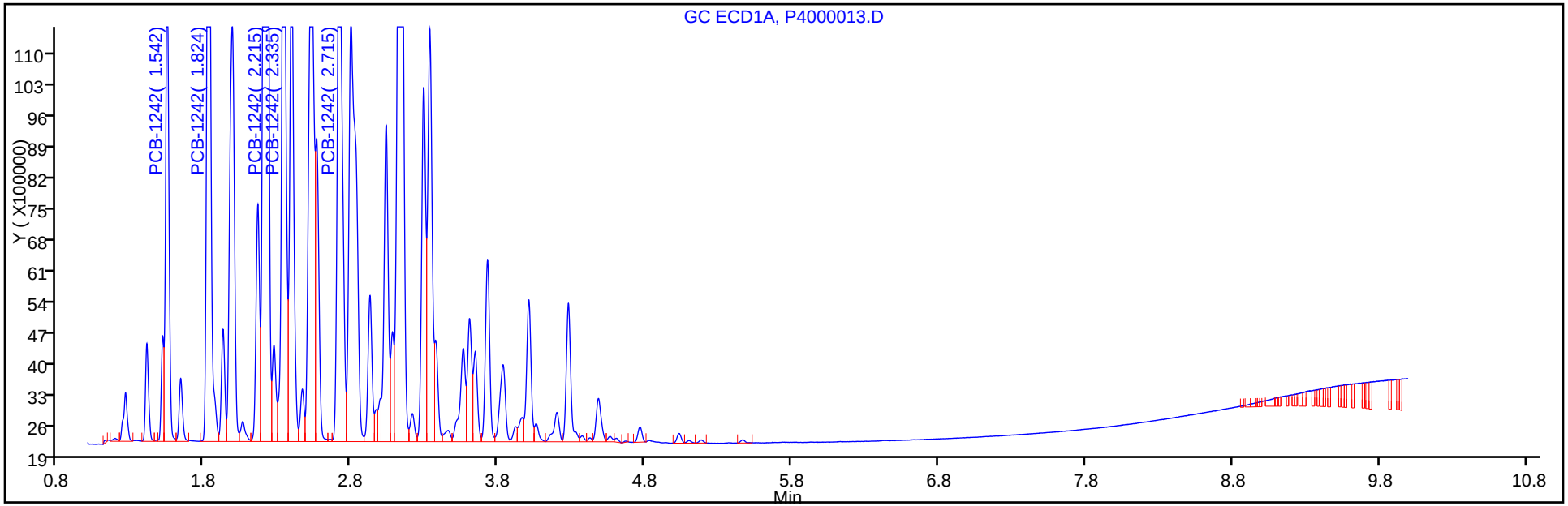
Report Date: 05-Dec-2012 06:34:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

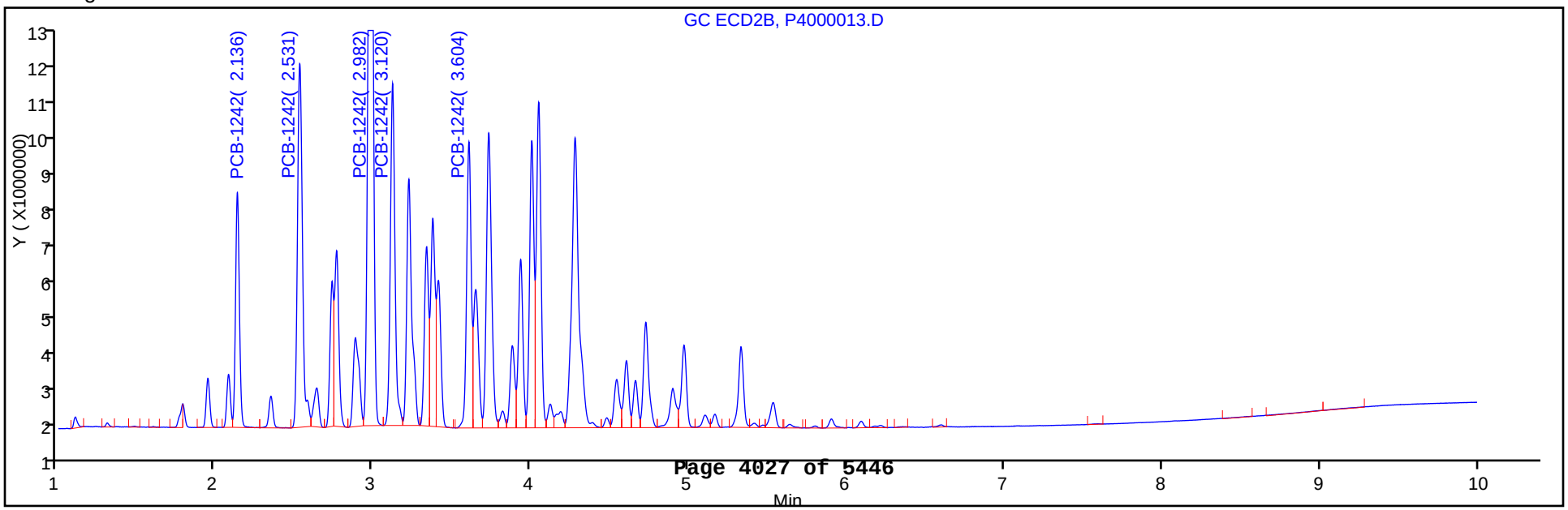
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000013.D

Injection Date:	04-Dec-2012 11:10:04	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000014.D
Lims ID: STD2 1242 Client ID:
Inject. Date: 04-Dec-2012 11:25:46 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015497-014
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 67207 Lims Sample ID: 14
Sublist: chrom-PCB4*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:13 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100	1.542	1.544	-0.002	31232463	1.59		100.0	
1	2	1.824	1.827	-0.003	58728115	1.62	161.9- 211.9	188.0	
1	3	2.216	2.219	-0.003	130092853	1.75	349.2- 399.2	416.5	
1	4	2.336	2.339	-0.003	55545520	1.68	143.3- 193.3	177.8	
1	5	2.715	2.719	-0.004	55838279	1.69	141.6- 191.6	178.8	
			Average of Peak Amounts =			1.67			
2	6	2.136	2.134	0.002	20815958	1.57		100.0	
2	7	2.531	2.529	0.002	41896853	1.59	170.9- 230.9	201.3	
2	8	2.982	2.980	0.002	89947456	1.75	354.9- 414.9	432.1	
2	9	3.120	3.119	0.001	36846026	1.64	140.5- 200.5	177.0	
2	10	3.604	3.602	0.002	30456555	1.95	115.3- 175.3	146.3	
			Average of Peak Amounts =			1.70			
						RPD = 2.09			

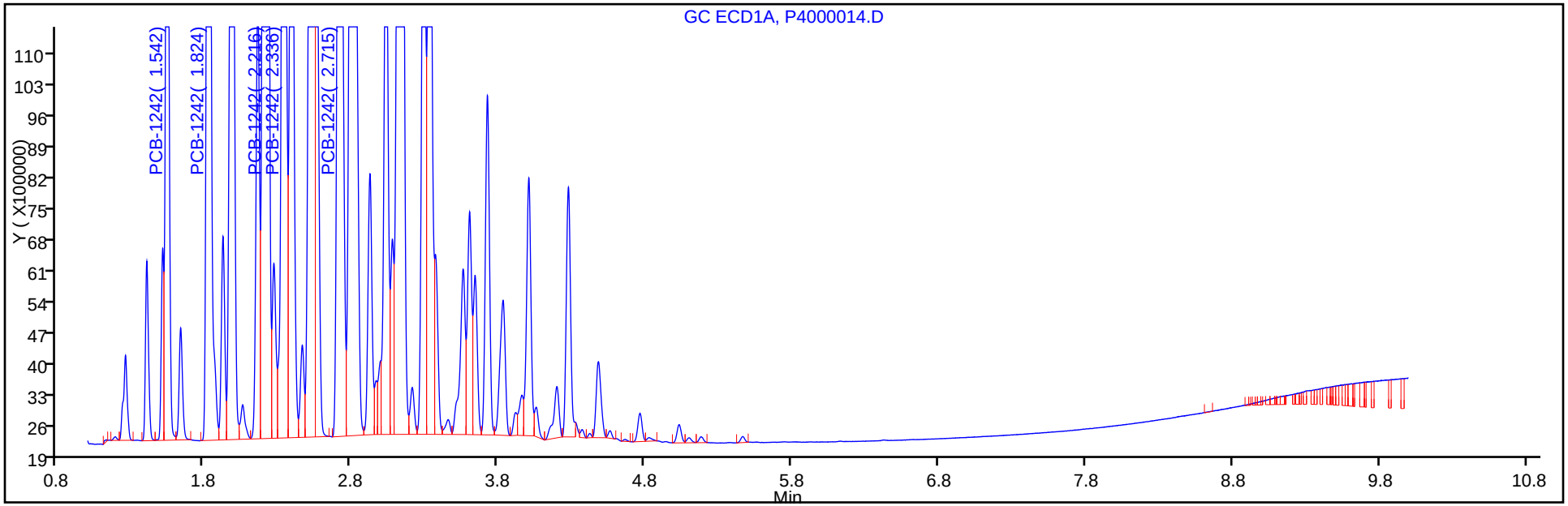
Report Date: 05-Dec-2012 06:34:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

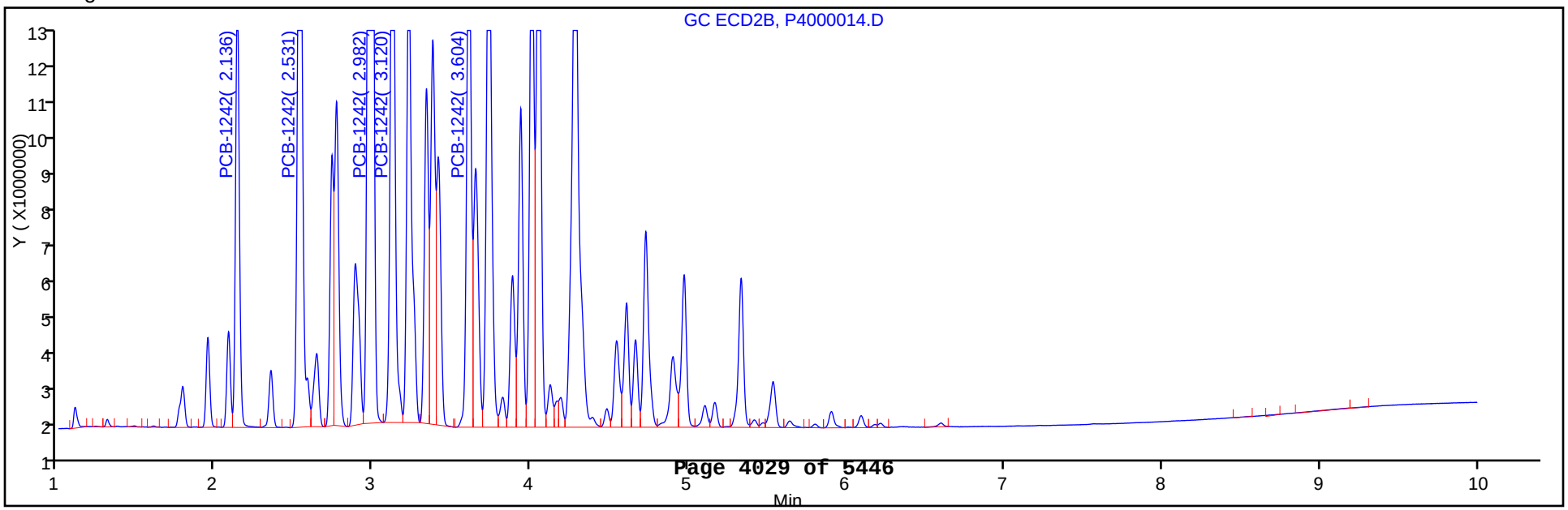
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000014.D

Injection Date:	04-Dec-2012 11:25:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 11:41 Calibration End Date: 12/04/2012 13:00 Calibration ID: 12622

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/15	P4000015.D
Level 2	STD01 240-67207/16	P4000016.D
Level 3	STD02 240-67207/17	P4000017.D
Level 4	STD05 240-67207/18	P4000018.D
Level 5	STD1 240-67207/19	P4000019.D
Level 6	STD2 240-67207/20	P4000020.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	1.824	1.823	1.824	1.823	1.823	1.824					1.724 - 1.924	1.824
PCB-1248 Peak 2	2.212	2.213	2.213	2.213	2.213	2.214					2.112 - 2.312	2.213
PCB-1248 Peak 3	2.714	2.715	2.715	2.715	2.714	2.715					2.614 - 2.814	2.715
PCB-1248 Peak 4	3.291	3.292	3.291	3.292	3.292	3.292					3.191 - 3.391	3.292
PCB-1248 Peak 5	3.724	3.725	3.726	3.725	3.725	3.725					3.624 - 3.824	3.725

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 11:41 Calibration End Date: 12/04/2012 13:00 Calibration ID: 12622

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/15	P4000015.D
Level 2	STD01 240-67207/16	P4000016.D
Level 3	STD02 240-67207/17	P4000017.D
Level 4	STD05 240-67207/18	P4000018.D
Level 5	STD1 240-67207/19	P4000019.D
Level 6	STD2 240-67207/20	P4000020.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	20975640 16025649	20187410 14044768	18877980	17489138	Ave		17933430.8				15.0		20.0			
PCB-1248 Peak 2	48964480 45563248	47540640 41453178	45982470	48292488	Ave		46299417.3				5.9		20.0			
PCB-1248 Peak 3	59431140 49531951	59138450 44968464	55920410	53216454	Ave		53701144.8				11.0		20.0			
PCB-1248 Peak 4	31542300 28937147	32091370 26716013	31130525	30694026	Ave		30185230.2				6.7		20.0			
PCB-1248 Peak 5	27873920 24821622	27166790 22975526	27513810	26622010	Ave		26162279.7				7.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 11:41 Calibration End Date: 12/04/2012 13:00 Calibration ID: 12622

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/15	P4000015.D
Level 2	STD01 240-67207/16	P4000016.D
Level 3	STD02 240-67207/17	P4000017.D
Level 4	STD05 240-67207/18	P4000018.D
Level 5	STD1 240-67207/19	P4000019.D
Level 6	STD2 240-67207/20	P4000020.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	1048782 28089536	2018741	3775596	8744569	16025649	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	Ave	2448224 82906356	4754064	9196494	24146244	45563248	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	Ave	2971557 89936927	5913845	11184082	26608227	49531951	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	Ave	1577115 53432026	3209137	6226105	15347013	28937147	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	Ave	1393696 45951052	2716679	5502762	13311005	24821622	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000015.D
Lims ID: STD005 1248 Client ID:
Inject. Date: 04-Dec-2012 11:41:31 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015497-015
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 67207 Lims Sample ID: 15
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:12 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.824	1.824	0.000	1048782	0.0585		100.0	
1	2	2.212	2.212	0.000	2448224	0.0529	218.6- 268.6	233.4	
1	3	2.714	2.714	0.000	2971557	0.0553	271.2- 321.2	283.3	
1	4	3.291	3.291	0.000	1577115	0.0522	139.9- 189.9	150.4	
1	5	3.724	3.724	0.000	1393696	0.0533	120.7- 170.7	132.9	
			Average of Peak Amounts =			0.0544			
2	6	2.531	2.531	0.000	786879	0.0605		100.0	
2	7	2.981	2.981	0.000	1967680	0.0574	227.5- 287.5	250.1	
2	8	3.730	3.730	0.000	1914843	0.0569	223.8- 283.8	243.3	
2	9	4.003	4.003	0.000	1892848	0.0574	218.9- 278.9	240.6	
2	10	4.726	4.726	0.000	1138821	0.0555	126.8- 186.8	144.7	
			Average of Peak Amounts =			0.0575			
						RPD = 5.53			

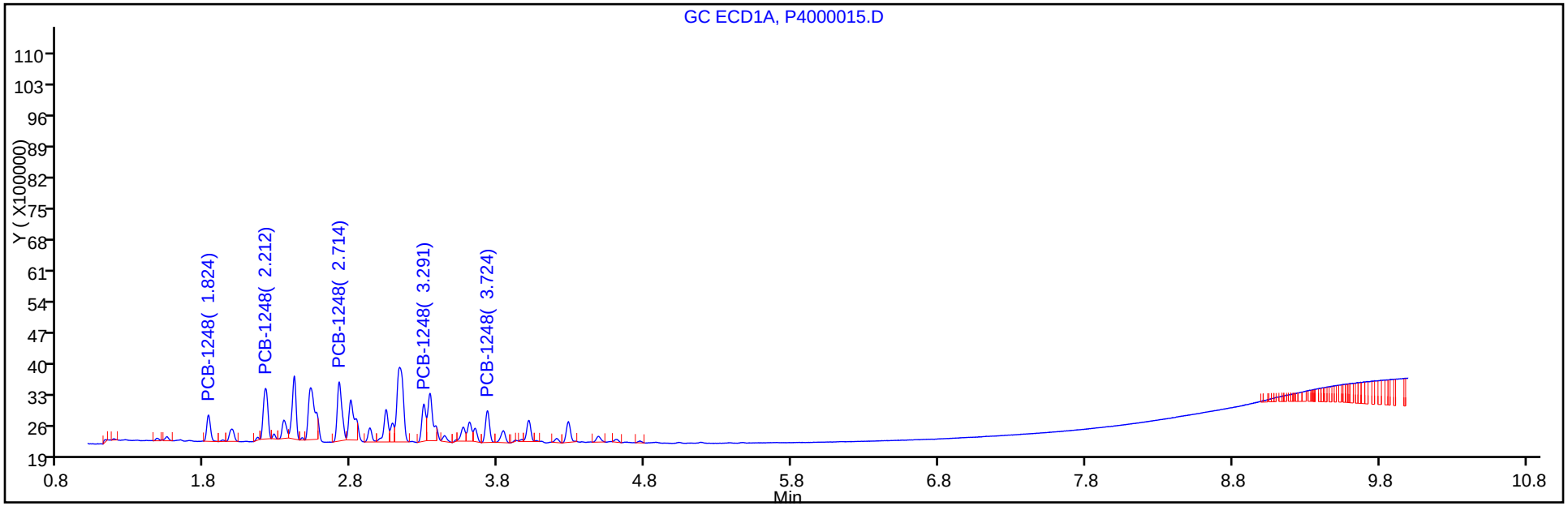
Report Date: 05-Dec-2012 06:34:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

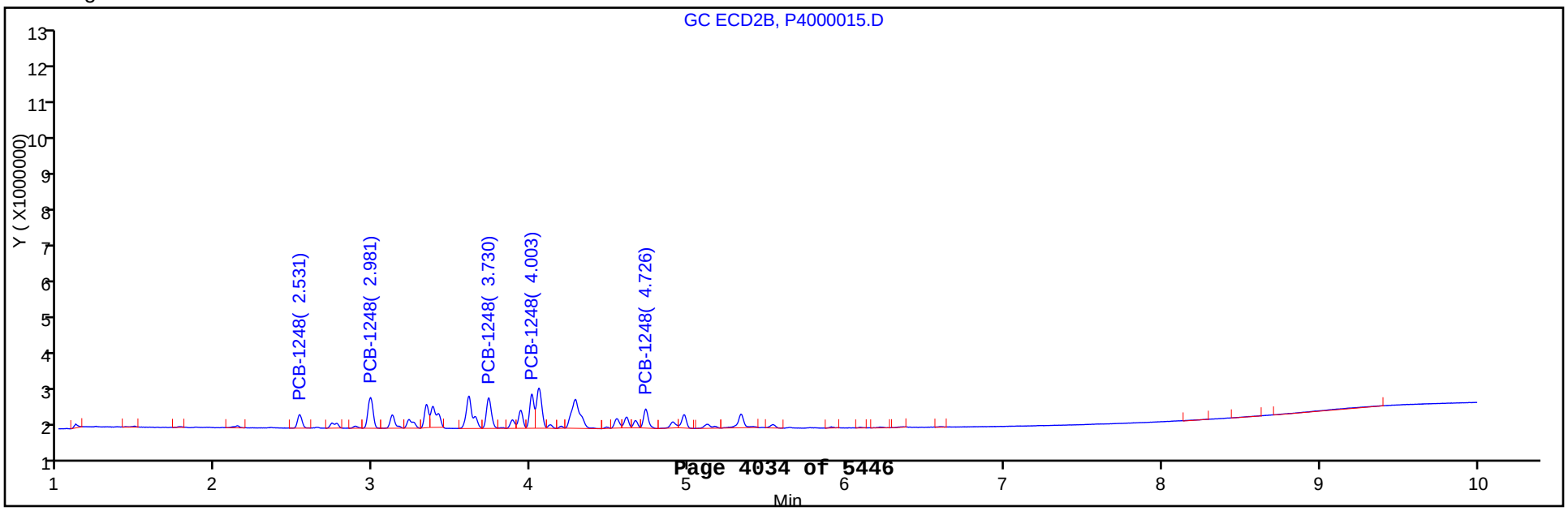
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000015.D

Injection Date:	04-Dec-2012 11:41:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000016.D
Lims ID: STD01 1248 Client ID:
Inject. Date: 04-Dec-2012 11:57:13 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015497-016
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 67207 Lims Sample ID: 16
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:10 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.823	1.824	-0.001	2018741	0.1126		100.0	
1	2	2.213	2.212	0.001	4754064	0.1027	218.6- 268.6	235.5	
1	3	2.715	2.714	0.001	5913845	0.1101	271.2- 321.2	292.9	
1	4	3.292	3.291	0.001	3209137	0.1063	139.9- 189.9	159.0	
1	5	3.725	3.724	0.001	2716679	0.1038	120.7- 170.7	134.6	
			Average of Peak Amounts =			0.1071			
2	6	2.530	2.531	-0.001	1482750	0.1140		100.0	
2	7	2.980	2.981	-0.001	3696763	0.1079	227.5- 287.5	249.3	
2	8	3.730	3.730	0.000	3771736	0.1120	223.8- 283.8	254.4	
2	9	4.003	4.003	0.000	3594722	0.1089	218.9- 278.9	242.4	
2	10	4.725	4.726	-0.001	2253153	0.1099	126.8- 186.8	152.0	
			Average of Peak Amounts =			0.1105			
						RPD = 3.16			

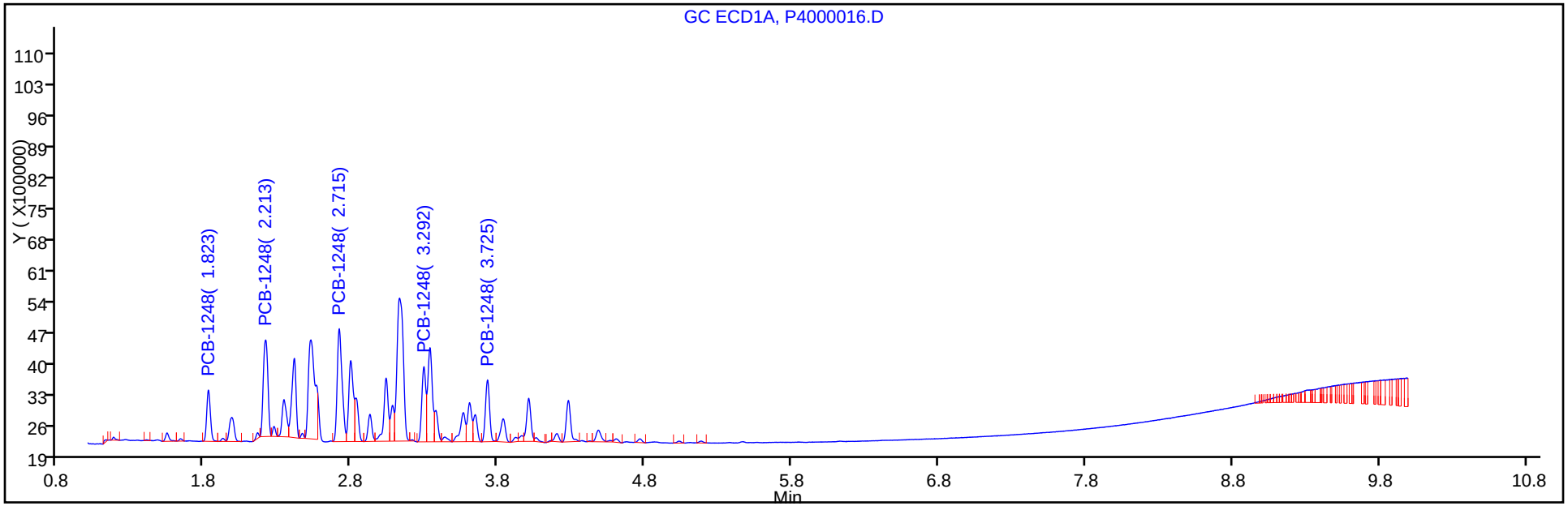
Report Date: 05-Dec-2012 06:34:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

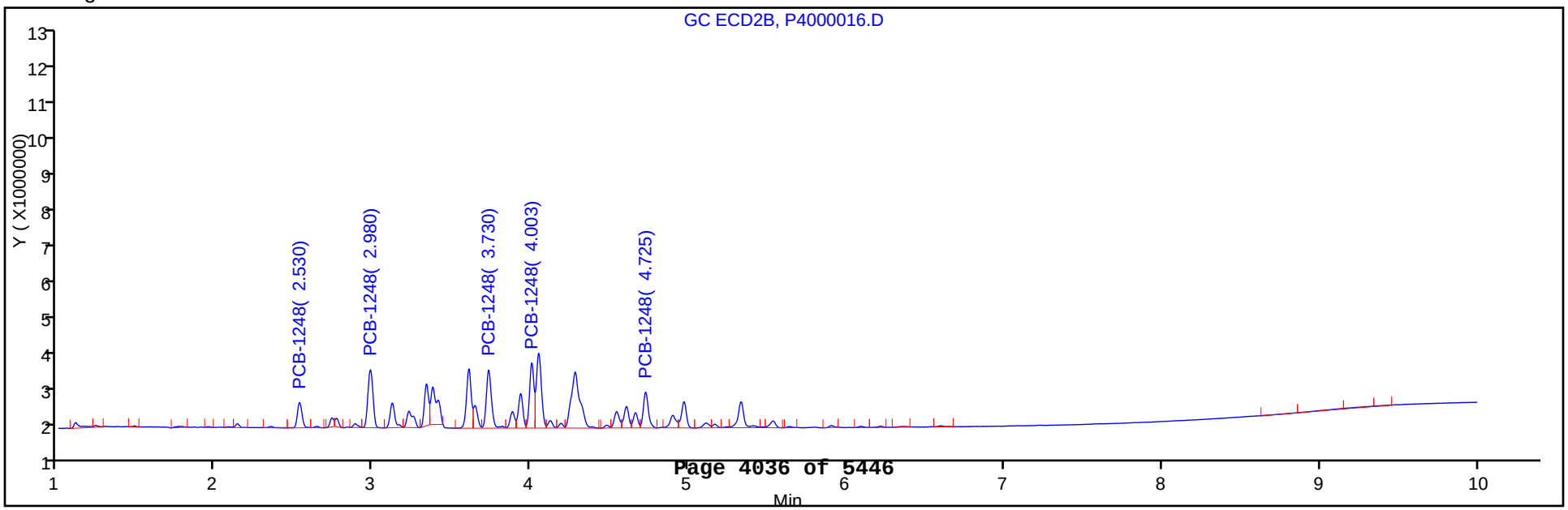
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000016.D

Injection Date:	04-Dec-2012 11:57:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000017.D
Lims ID: STD02 1248 Client ID:
Inject. Date: 04-Dec-2012 12:13:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015497-017
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 67207 Lims Sample ID: 17
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:09 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.824	1.824	0.000	3775596	0.2105		100.0	
1	2	2.213	2.212	0.001	9196494	0.1986	218.6- 268.6	243.6	
1	3	2.715	2.714	0.001	11184082	0.2083	271.2- 321.2	296.2	
1	4	3.291	3.291	0.000	6226105	0.2063	139.9- 189.9	164.9	
1	5	3.726	3.724	0.002	5502762	0.2103	120.7- 170.7	145.7	
			Average of Peak Amounts =			0.2068			
2	6	2.530	2.531	-0.001	2725585	0.2096		100.0	
2	7	2.978	2.981	-0.003	7018539	0.2048	227.5- 287.5	257.5	
2	8	3.730	3.730	0.000	6917875	0.2054	223.8- 283.8	253.8	
2	9	4.003	4.003	0.000	6785107	0.2056	218.9- 278.9	248.9	
2	10	4.726	4.726	0.000	4273823	0.2084	126.8- 186.8	156.8	
			Average of Peak Amounts =			0.2068			
						RPD = 0.01			

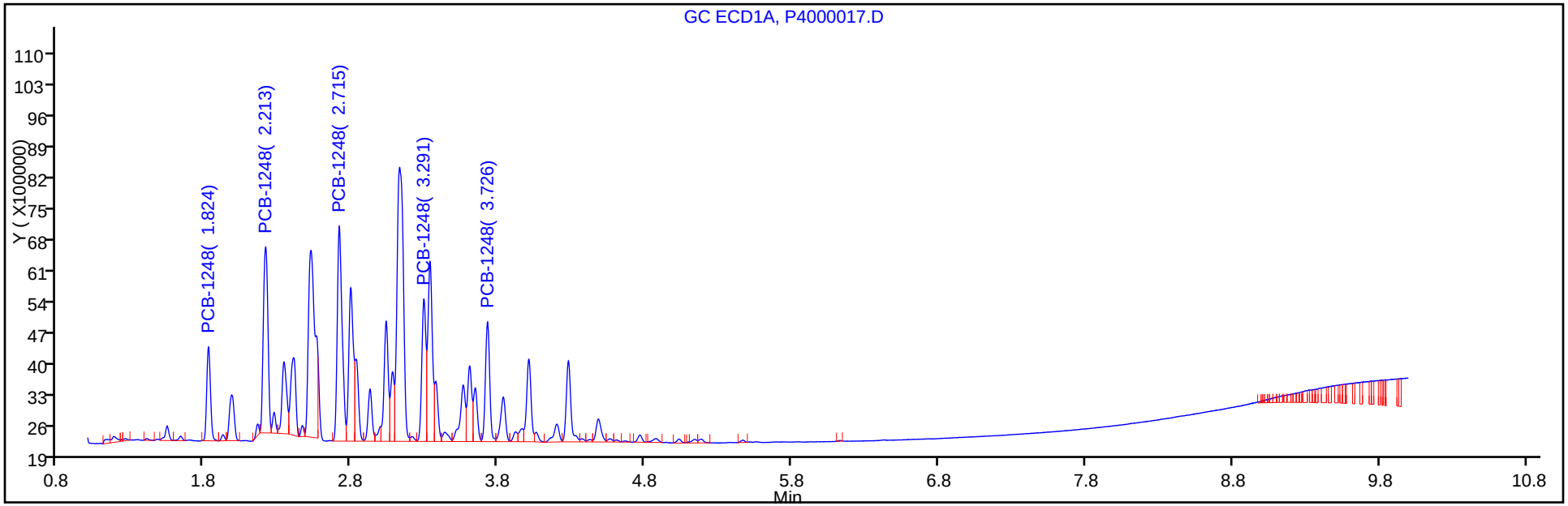
Report Date: 05-Dec-2012 06:34:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

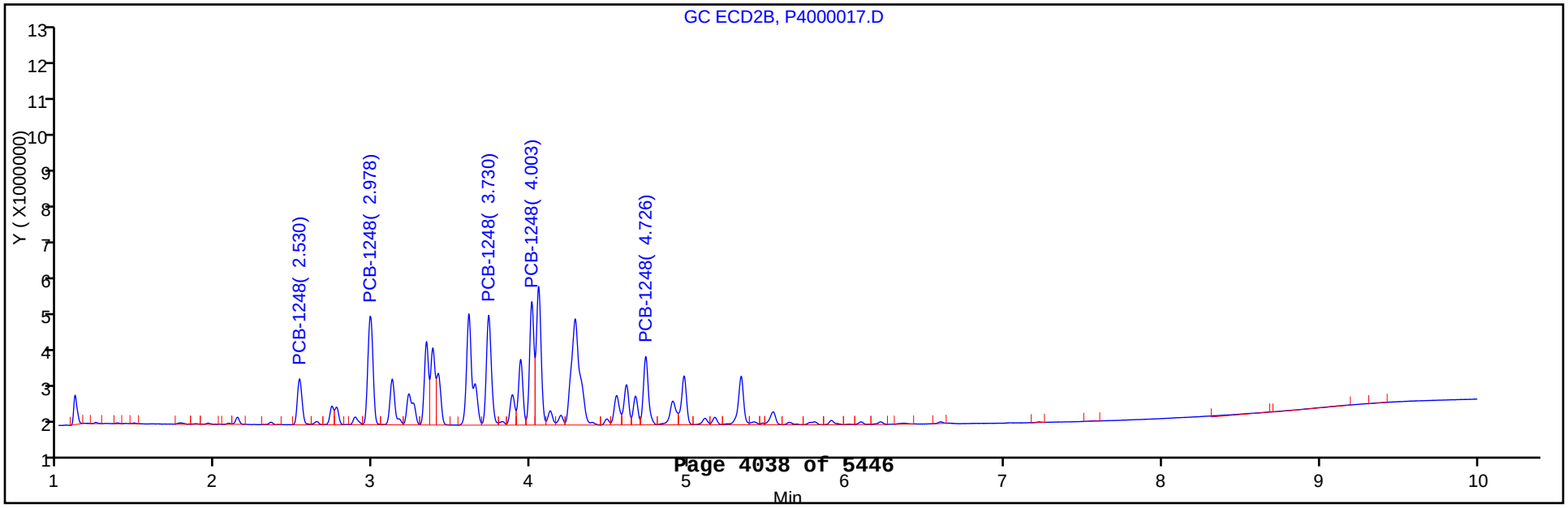
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000017.D

Injection Date:	04-Dec-2012 12:13:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000018.D
Lims ID: STD05 1248 Client ID:
Inject. Date: 04-Dec-2012 12:28:46 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015497-018
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 67207 Lims Sample ID: 18
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.823	1.824	-0.001	8744569	0.4876		100.0	
1	2	2.213	2.212	0.001	24146244	0.5215	218.6- 268.6	276.1	
1	3	2.715	2.714	0.001	26608227	0.4955	271.2- 321.2	304.3	
1	4	3.292	3.291	0.001	15347013	0.5084	139.9- 189.9	175.5	
1	5	3.725	3.724	0.001	13311005	0.5088	120.7- 170.7	152.2	
			Average of Peak Amounts =			0.5044			
2	6	2.531	2.531	0.000	6246847	0.4805		100.0	
2	7	2.979	2.981	-0.002	16851613	0.4917	227.5- 287.5	269.8	
2	8	3.731	3.730	0.001	16437144	0.4882	223.8- 283.8	263.1	
2	9	4.004	4.003	0.001	16143989	0.4892	218.9- 278.9	258.4	
2	10	4.727	4.726	0.001	10207698	0.4978	126.8- 186.8	163.4	
			Average of Peak Amounts =			0.4895			
						RPD = 3.00			

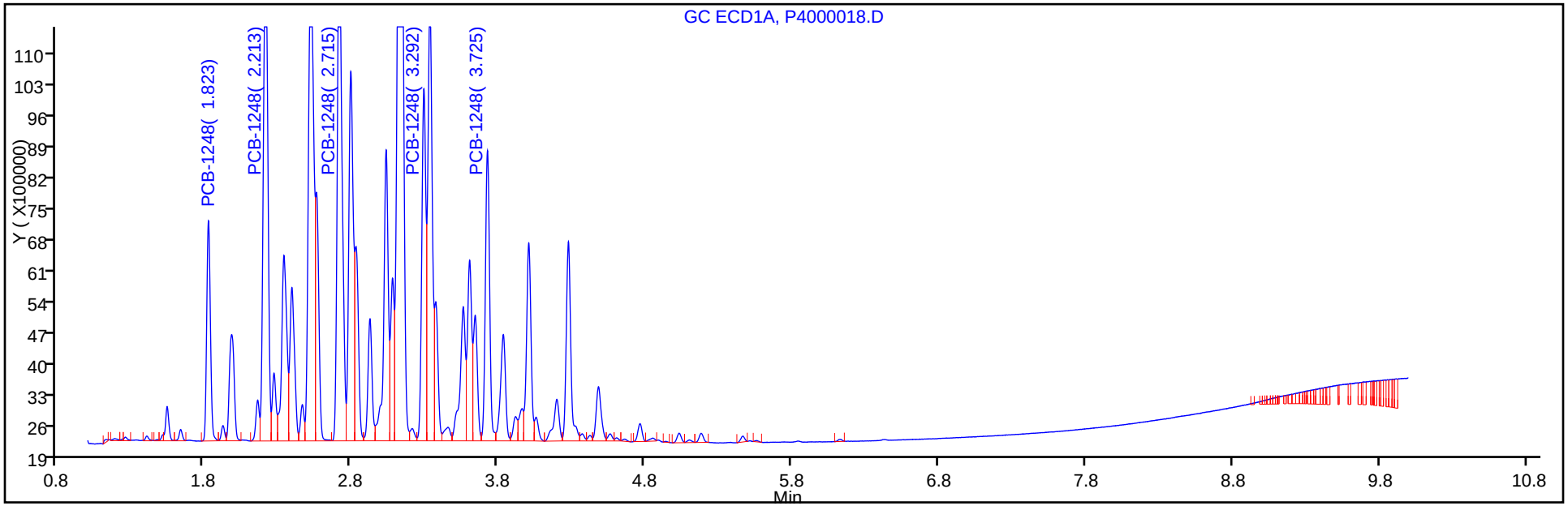
Report Date: 05-Dec-2012 06:34:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

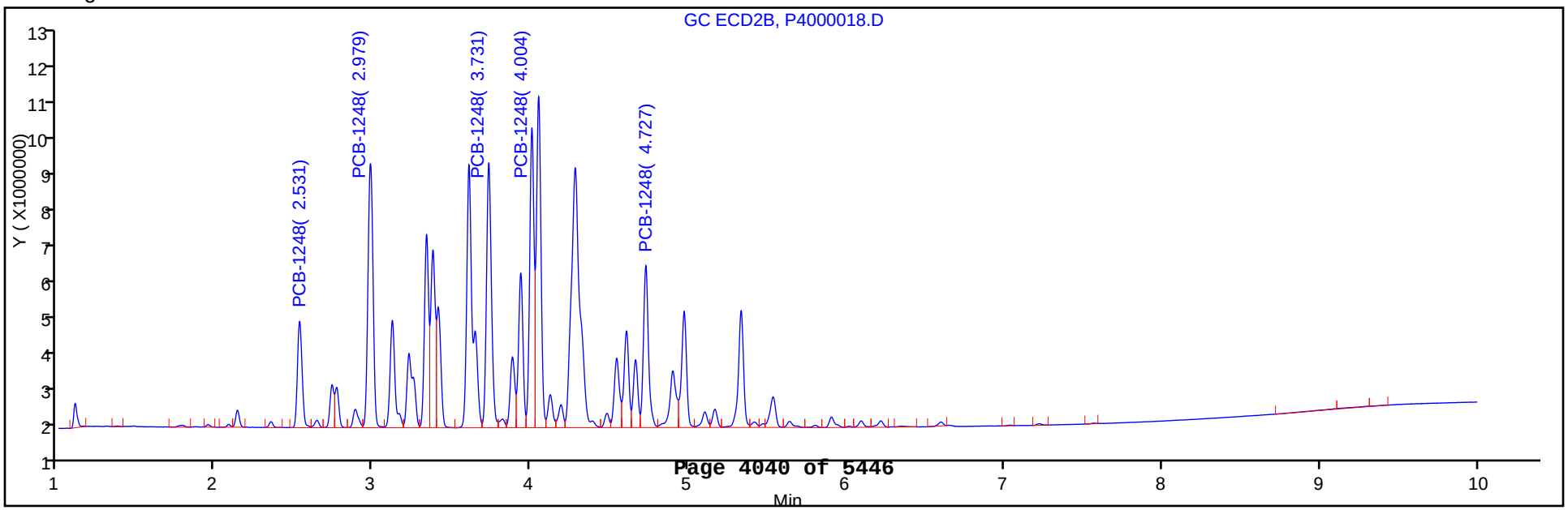
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000018.D

Injection Date:	04-Dec-2012 12:28:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000019.D
Lims ID: STD1 1248 Client ID:
Inject. Date: 04-Dec-2012 12:44:31 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015497-019
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 67207 Lims Sample ID: 19
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:06 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.823	1.824	-0.001	16025649	0.8936		100.0	
1	2	2.213	2.212	0.001	45563248	0.9841	218.6- 268.6	284.3	
1	3	2.714	2.714	0.000	49531951	0.9224	271.2- 321.2	309.1	
1	4	3.292	3.291	0.001	28937147	0.9587	139.9- 189.9	180.6	
1	5	3.725	3.724	0.001	24821622	0.9488	120.7- 170.7	154.9	
			Average of Peak Amounts =			0.9415			
2	6	2.530	2.531	-0.001	11379892	0.8752		100.0	
2	7	2.981	2.981	0.000	31706937	0.9251	227.5- 287.5	278.6	
2	8	3.731	3.730	0.001	30658201	0.9105	223.8- 283.8	269.4	
2	9	4.004	4.003	0.001	30480230	0.9236	218.9- 278.9	267.8	
2	10	4.727	4.726	0.001	18849222	0.9192	126.8- 186.8	165.6	
			Average of Peak Amounts =			0.9107			
						RPD = 3.32			

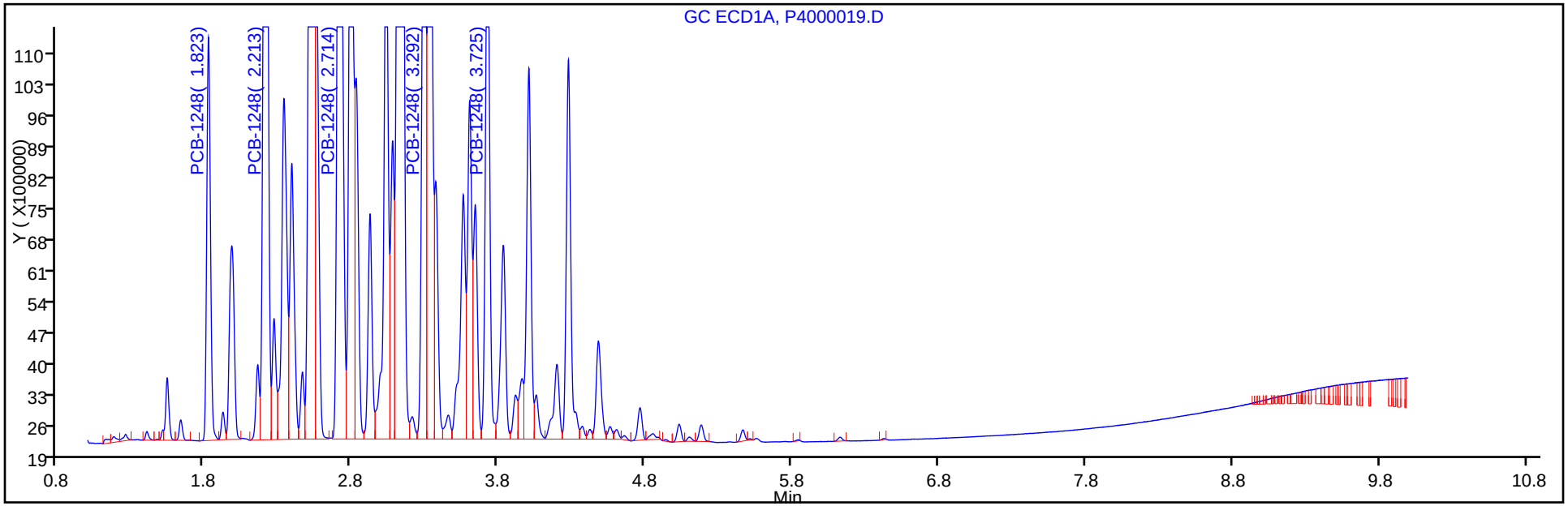
Report Date: 05-Dec-2012 06:34:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

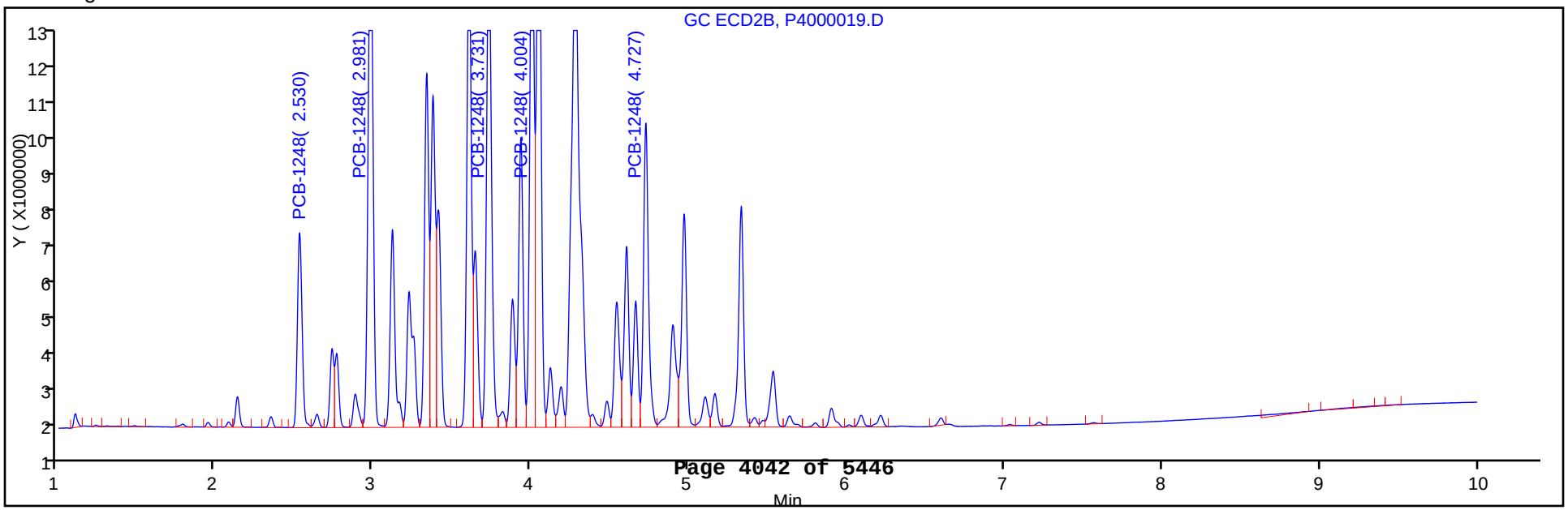
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000019.D

Injection Date:	04-Dec-2012 12:44:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000020.D
Lims ID: STD2 1248 Client ID:
Inject. Date: 04-Dec-2012 13:00:14 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015497-020
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 67207 Lims Sample ID: 20
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:04 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.824	1.824	0.000	28089536	1.57		100.0	
1	2	2.214	2.212	0.002	82906356	1.79	218.6- 268.6	295.2	
1	3	2.715	2.714	0.001	89936927	1.67	271.2- 321.2	320.2	
1	4	3.292	3.291	0.001	53432026	1.77	139.9- 189.9	190.2	
1	5	3.725	3.724	0.001	45951052	1.76	120.7- 170.7	163.6	
			Average of Peak Amounts =			1.71			
2	6	2.531	2.531	0.000	19890780	1.53		100.0	
2	7	2.981	2.981	0.000	57635001	1.68	227.5- 287.5	289.8	
2	8	3.731	3.730	0.001	55789929	1.66	223.8- 283.8	280.5	
2	9	4.004	4.003	0.001	55033342	1.67	218.9- 278.9	276.7	
2	10	4.727	4.726	0.001	34184063	1.67	126.8- 186.8	171.9	
			Average of Peak Amounts =			1.64			
						RPD = 4.24			

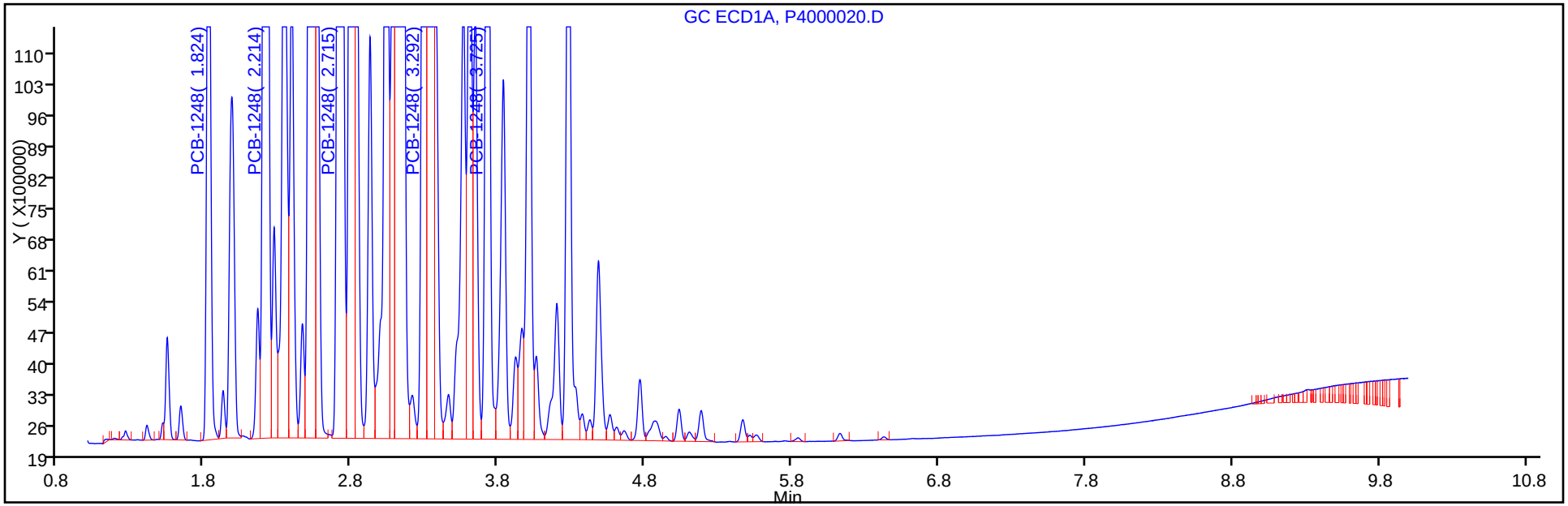
Report Date: 05-Dec-2012 06:34:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

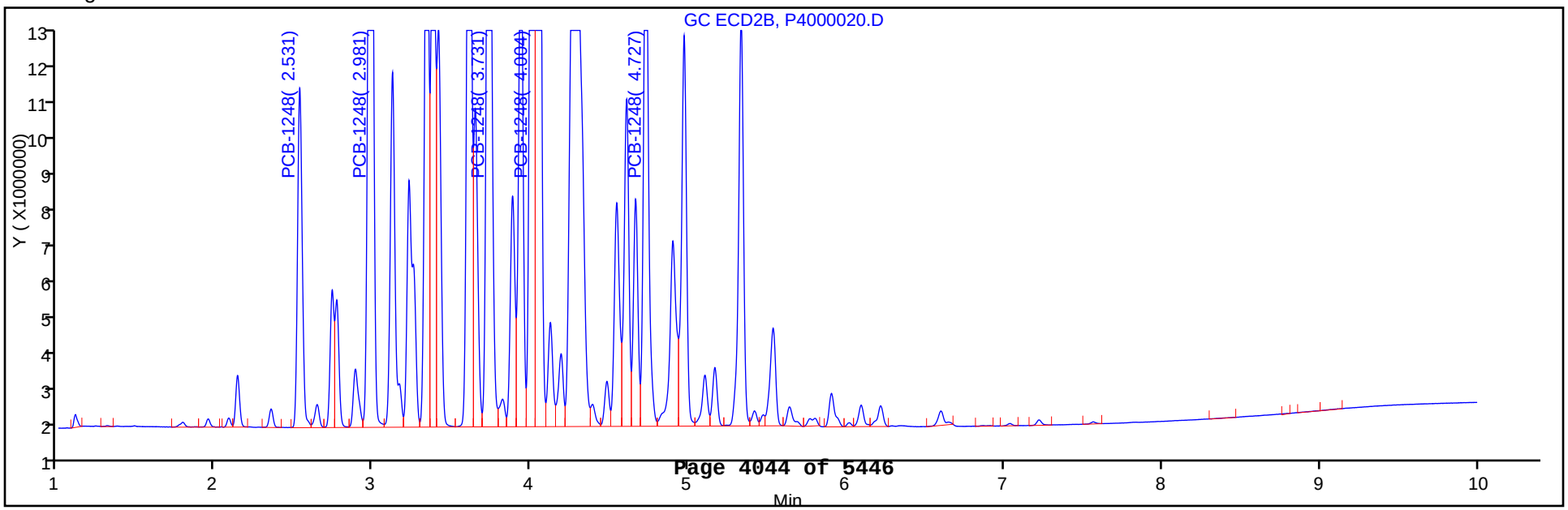
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000020.D

Injection Date:	04-Dec-2012 13:00:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 11:41 Calibration End Date: 12/04/2012 13:00 Calibration ID: 12623

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/15	P4000015.D
Level 2	STD01 240-67207/16	P4000016.D
Level 3	STD02 240-67207/17	P4000017.D
Level 4	STD05 240-67207/18	P4000018.D
Level 5	STD1 240-67207/19	P4000019.D
Level 6	STD2 240-67207/20	P4000020.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1248 Peak 1	2.531	2.530	2.530	2.531	2.530	2.531					2.431 - 2.631	2.531
PCB-1248 Peak 2	2.981	2.980	2.978	2.979	2.981	2.981					2.881 - 3.081	2.980
PCB-1248 Peak 3	3.730	3.730	3.730	3.731	3.731	3.731					3.630 - 3.830	3.731
PCB-1248 Peak 4	4.003	4.003	4.003	4.004	4.004	4.004					3.903 - 4.103	4.004
PCB-1248 Peak 5	4.726	4.725	4.726	4.727	4.727	4.727					4.626 - 4.826	4.726

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 11:41 Calibration End Date: 12/04/2012 13:00 Calibration ID: 12623

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/15	P4000015.D
Level 2	STD01 240-67207/16	P4000016.D
Level 3	STD02 240-67207/17	P4000017.D
Level 4	STD05 240-67207/18	P4000018.D
Level 5	STD1 240-67207/19	P4000019.D
Level 6	STD2 240-67207/20	P4000020.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1248 Peak 1	15737580 11379892	14827500 9945390	13627925	12493694	Ave		13001996.8				17.0		20.0			
PCB-1248 Peak 2	39353600 31706937	36967630 28817501	35092695	33703226	Ave		34273598.1				11.0		20.0			
PCB-1248 Peak 3	38296860 30658201	37717360 27894965	34589375	32874288	Ave		33671841.4				12.0		20.0			
PCB-1248 Peak 4	37856960 30480230	35947220 27516671	33925535	32287978	Ave		33002432.3				11.0		20.0			
PCB-1248 Peak 5	22776420 18849222	22531530 17092032	21369115	20415396	Ave		20505619.1				11.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 11:41 Calibration End Date: 12/04/2012 13:00 Calibration ID: 12623

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/15	P4000015.D
Level 2	STD01 240-67207/16	P4000016.D
Level 3	STD02 240-67207/17	P4000017.D
Level 4	STD05 240-67207/18	P4000018.D
Level 5	STD1 240-67207/19	P4000019.D
Level 6	STD2 240-67207/20	P4000020.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Ave	786879 19890780	1482750	2725585	6246847	11379892	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 2	Ave	1967680 57635001	3696763	7018539	16851613	31706937	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 3	Ave	1914843 55789929	3771736	6917875	16437144	30658201	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 4	Ave	1892848 55033342	3594722	6785107	16143989	30480230	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1248 Peak 5	Ave	1138821 34184063	2253153	4273823	10207698	18849222	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000015.D
Lims ID: STD005 1248 Client ID:
Inject. Date: 04-Dec-2012 11:41:31 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015497-015
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 67207 Lims Sample ID: 15
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:12 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.824	1.824	0.000	1048782	0.0585		100.0	
1	2	2.212	2.212	0.000	2448224	0.0529	218.6- 268.6	233.4	
1	3	2.714	2.714	0.000	2971557	0.0553	271.2- 321.2	283.3	
1	4	3.291	3.291	0.000	1577115	0.0522	139.9- 189.9	150.4	
1	5	3.724	3.724	0.000	1393696	0.0533	120.7- 170.7	132.9	
			Average of Peak Amounts =			0.0544			
2	6	2.531	2.531	0.000	786879	0.0605		100.0	
2	7	2.981	2.981	0.000	1967680	0.0574	227.5- 287.5	250.1	
2	8	3.730	3.730	0.000	1914843	0.0569	223.8- 283.8	243.3	
2	9	4.003	4.003	0.000	1892848	0.0574	218.9- 278.9	240.6	
2	10	4.726	4.726	0.000	1138821	0.0555	126.8- 186.8	144.7	
			Average of Peak Amounts =			0.0575			
						RPD = 5.53			

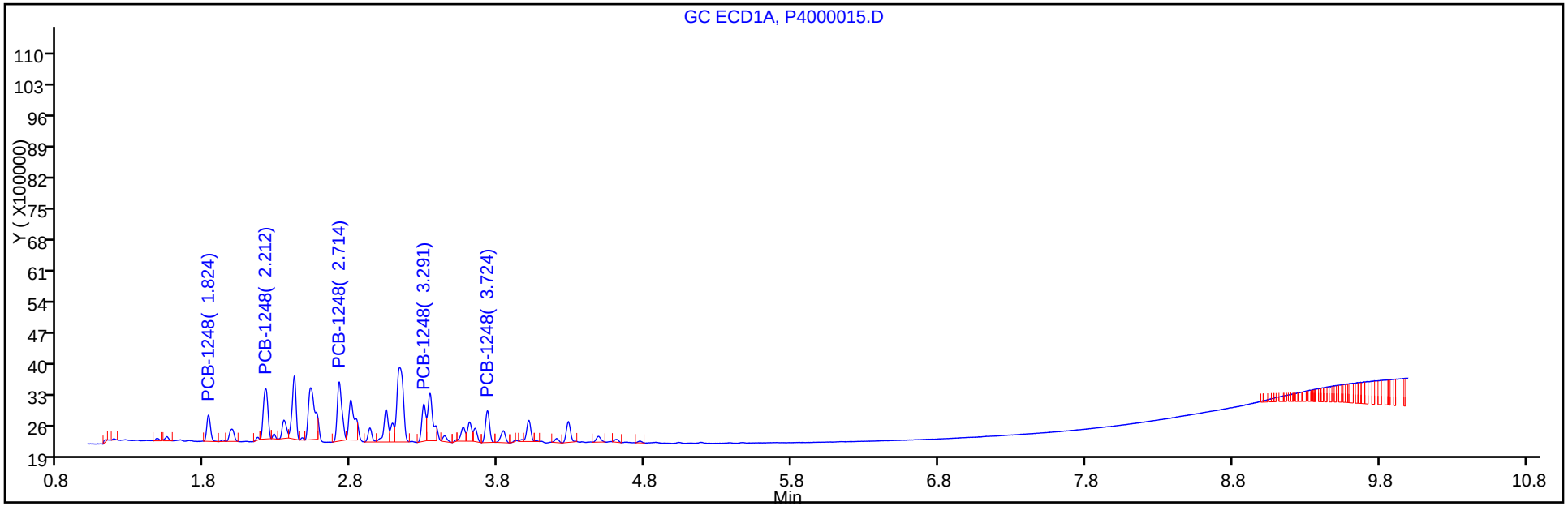
Report Date: 05-Dec-2012 06:34:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

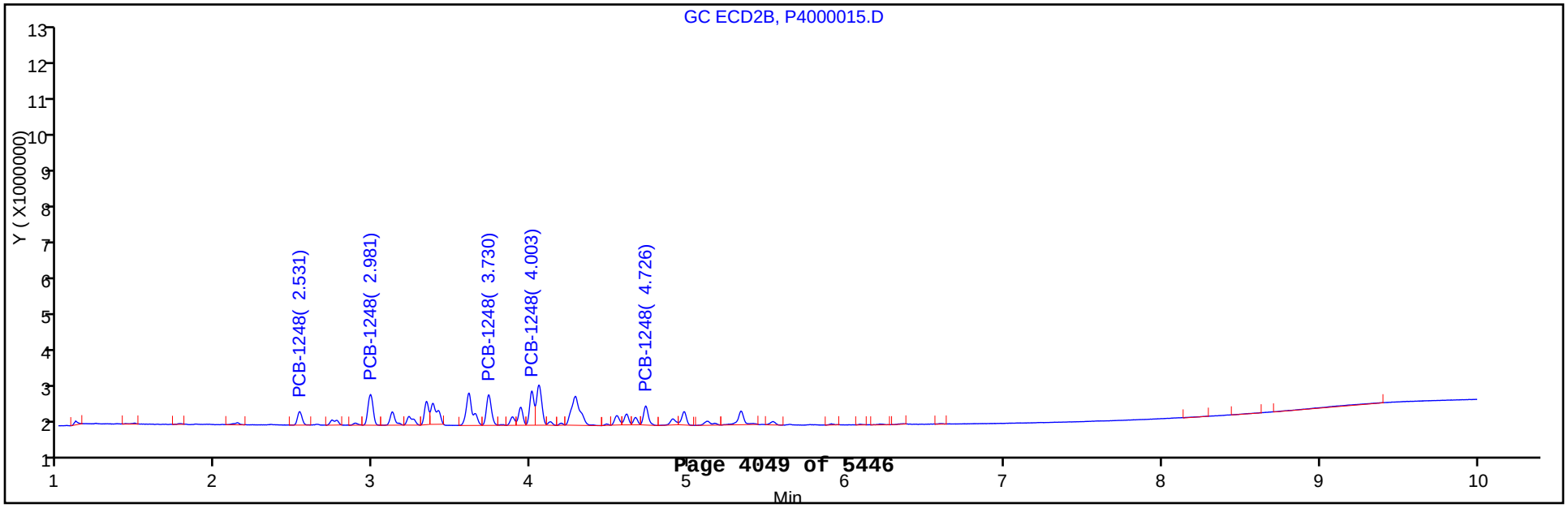
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000015.D

Injection Date:	04-Dec-2012 11:41:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000016.D
Lims ID: STD01 1248 Client ID:
Inject. Date: 04-Dec-2012 11:57:13 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015497-016
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 67207 Lims Sample ID: 16
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:10 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.823	1.824	-0.001	2018741	0.1126		100.0	
1	2	2.213	2.212	0.001	4754064	0.1027	218.6- 268.6	235.5	
1	3	2.715	2.714	0.001	5913845	0.1101	271.2- 321.2	292.9	
1	4	3.292	3.291	0.001	3209137	0.1063	139.9- 189.9	159.0	
1	5	3.725	3.724	0.001	2716679	0.1038	120.7- 170.7	134.6	
			Average of Peak Amounts =			0.1071			
2	6	2.530	2.531	-0.001	1482750	0.1140		100.0	
2	7	2.980	2.981	-0.001	3696763	0.1079	227.5- 287.5	249.3	
2	8	3.730	3.730	0.000	3771736	0.1120	223.8- 283.8	254.4	
2	9	4.003	4.003	0.000	3594722	0.1089	218.9- 278.9	242.4	
2	10	4.725	4.726	-0.001	2253153	0.1099	126.8- 186.8	152.0	
			Average of Peak Amounts =			0.1105			
						RPD = 3.16			

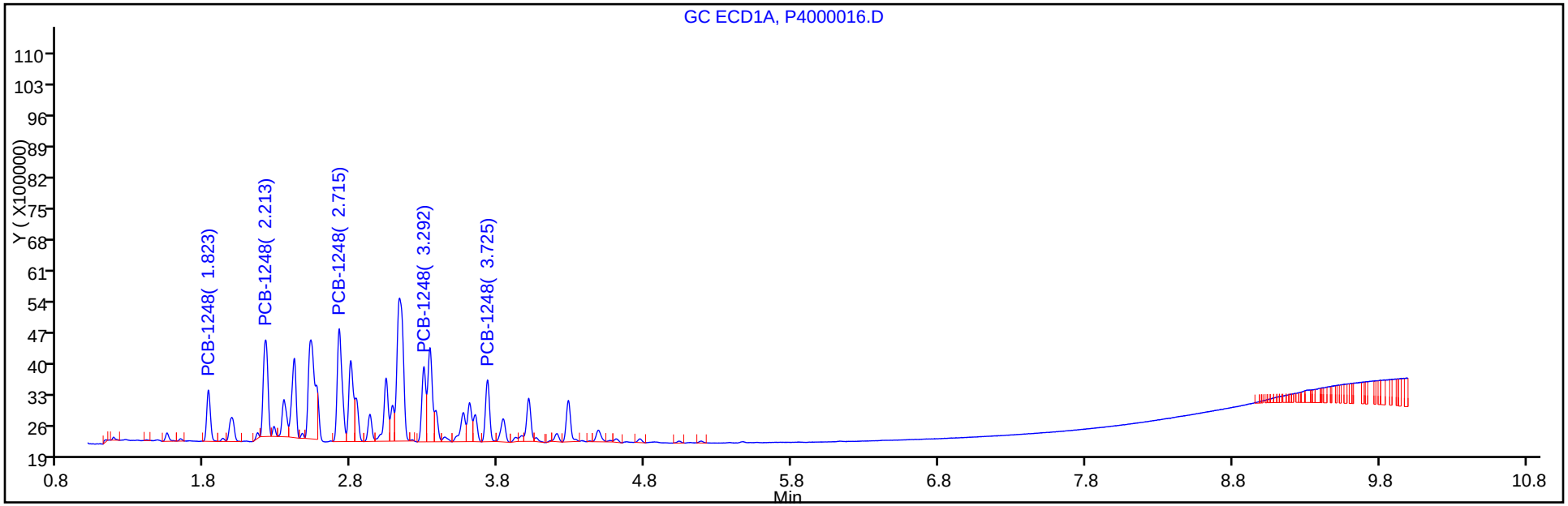
Report Date: 05-Dec-2012 06:34:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

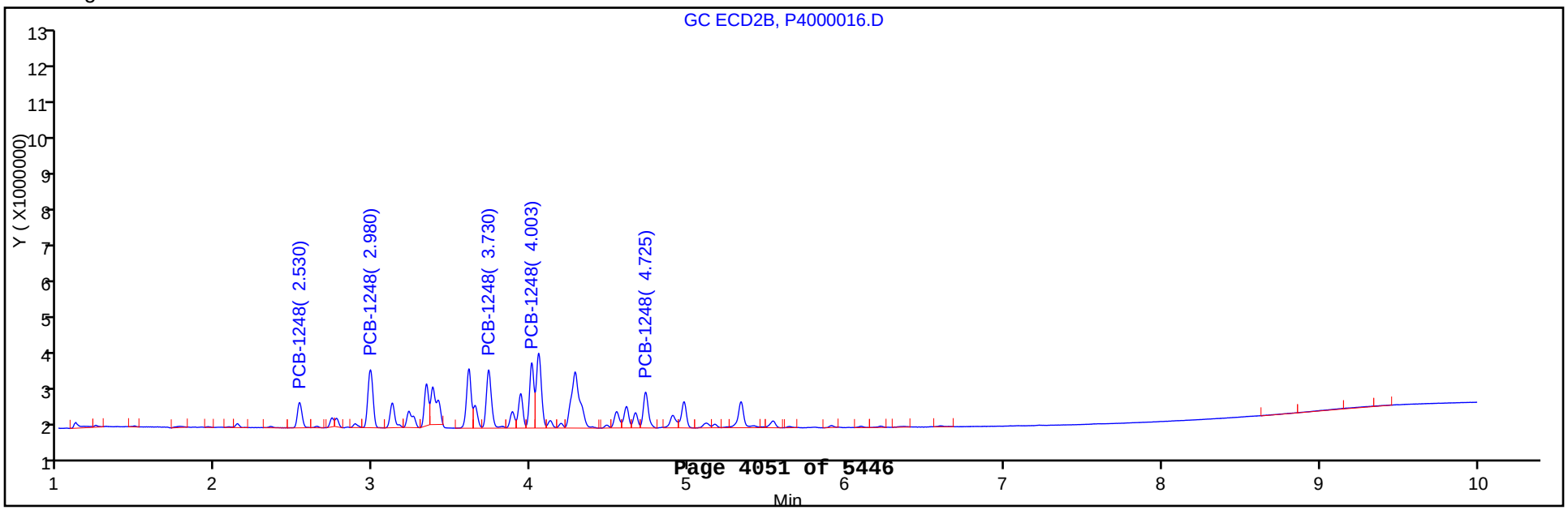
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000016.D

Injection Date:	04-Dec-2012 11:57:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000017.D
Lims ID: STD02 1248 Client ID:
Inject. Date: 04-Dec-2012 12:13:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015497-017
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 67207 Lims Sample ID: 17
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:09 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.824	1.824	0.000	3775596	0.2105		100.0	
1	2	2.213	2.212	0.001	9196494	0.1986	218.6- 268.6	243.6	
1	3	2.715	2.714	0.001	11184082	0.2083	271.2- 321.2	296.2	
1	4	3.291	3.291	0.000	6226105	0.2063	139.9- 189.9	164.9	
1	5	3.726	3.724	0.002	5502762	0.2103	120.7- 170.7	145.7	
			Average of Peak Amounts =			0.2068			
2	6	2.530	2.531	-0.001	2725585	0.2096		100.0	
2	7	2.978	2.981	-0.003	7018539	0.2048	227.5- 287.5	257.5	
2	8	3.730	3.730	0.000	6917875	0.2054	223.8- 283.8	253.8	
2	9	4.003	4.003	0.000	6785107	0.2056	218.9- 278.9	248.9	
2	10	4.726	4.726	0.000	4273823	0.2084	126.8- 186.8	156.8	
			Average of Peak Amounts =			0.2068			
						RPD = 0.01			

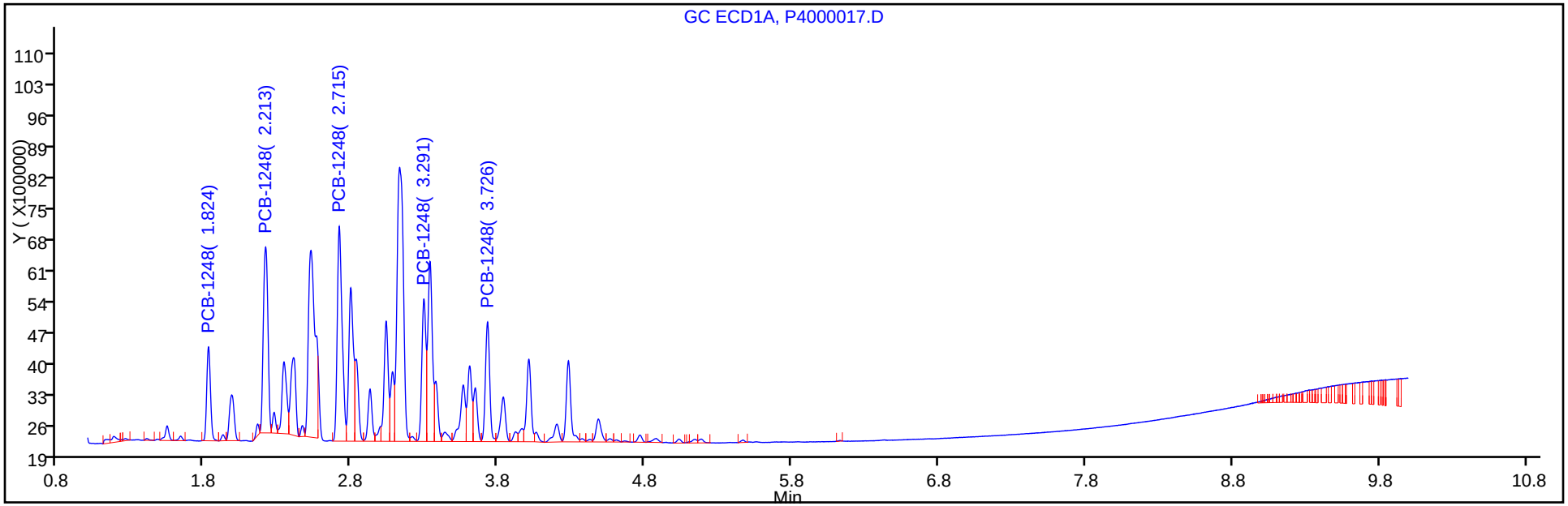
Report Date: 05-Dec-2012 06:34:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

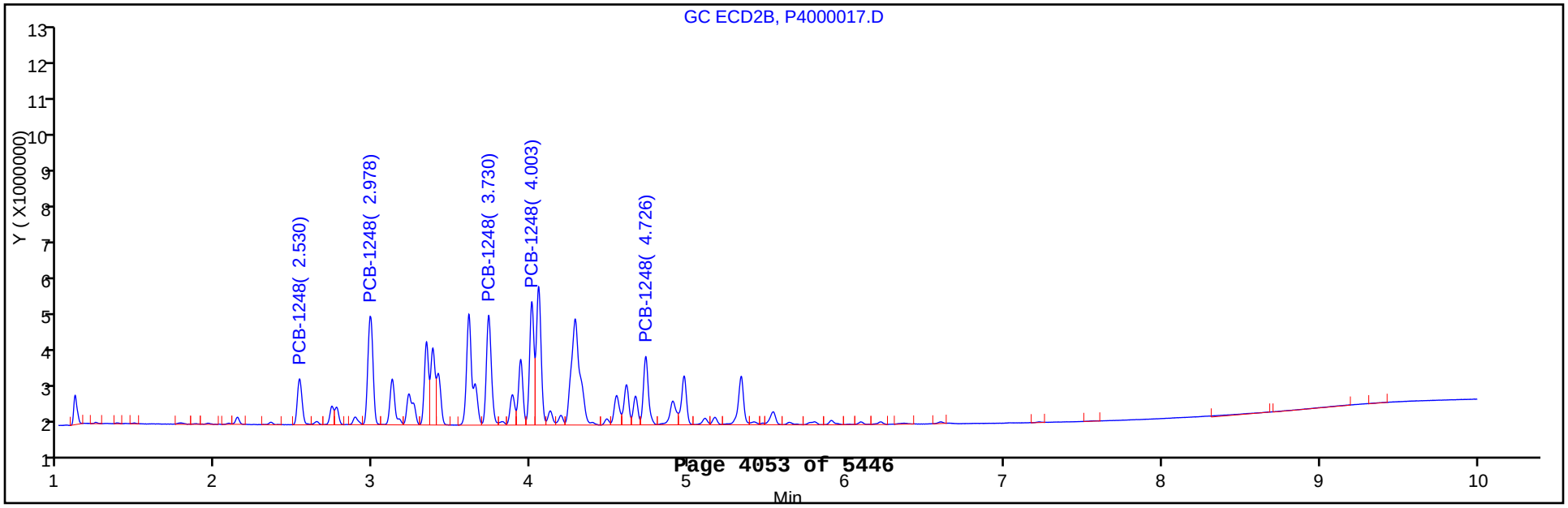
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000017.D

Injection Date:	04-Dec-2012 12:13:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000018.D
Lims ID: STD05 1248 Client ID:
Inject. Date: 04-Dec-2012 12:28:46 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015497-018
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 67207 Lims Sample ID: 18
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.823	1.824	-0.001	8744569	0.4876		100.0	
1	2	2.213	2.212	0.001	24146244	0.5215	218.6- 268.6	276.1	
1	3	2.715	2.714	0.001	26608227	0.4955	271.2- 321.2	304.3	
1	4	3.292	3.291	0.001	15347013	0.5084	139.9- 189.9	175.5	
1	5	3.725	3.724	0.001	13311005	0.5088	120.7- 170.7	152.2	
			Average of Peak Amounts =			0.5044			
2	6	2.531	2.531	0.000	6246847	0.4805		100.0	
2	7	2.979	2.981	-0.002	16851613	0.4917	227.5- 287.5	269.8	
2	8	3.731	3.730	0.001	16437144	0.4882	223.8- 283.8	263.1	
2	9	4.004	4.003	0.001	16143989	0.4892	218.9- 278.9	258.4	
2	10	4.727	4.726	0.001	10207698	0.4978	126.8- 186.8	163.4	
			Average of Peak Amounts =			0.4895			
						RPD = 3.00			

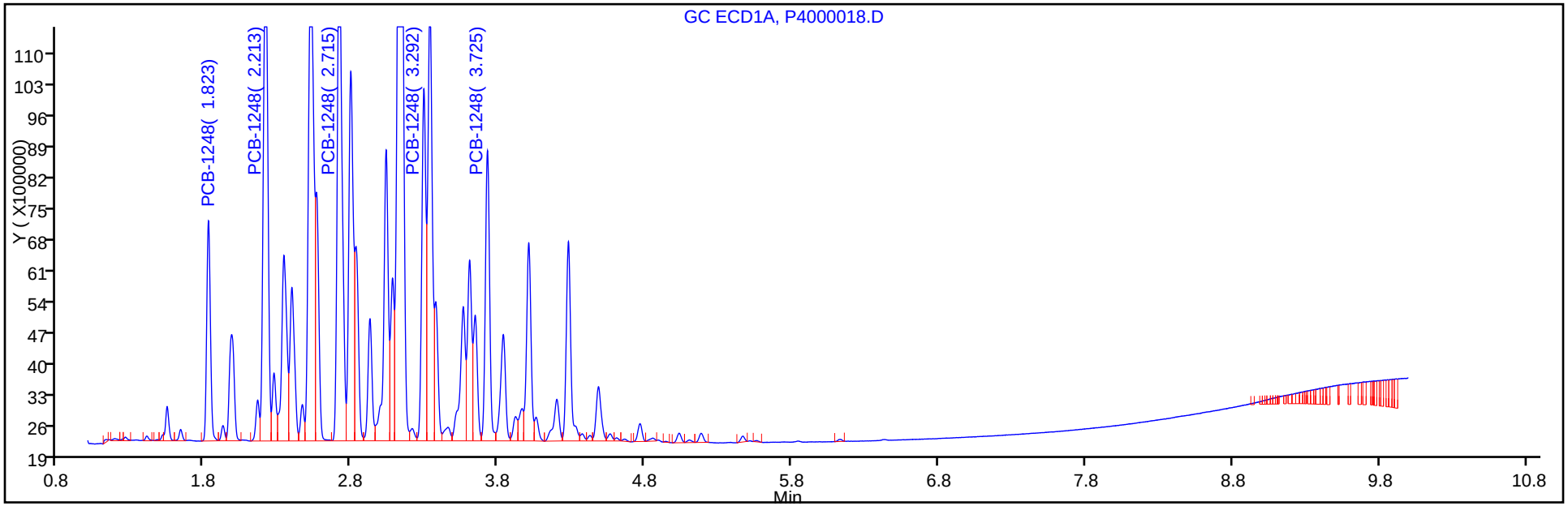
Report Date: 05-Dec-2012 06:34:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

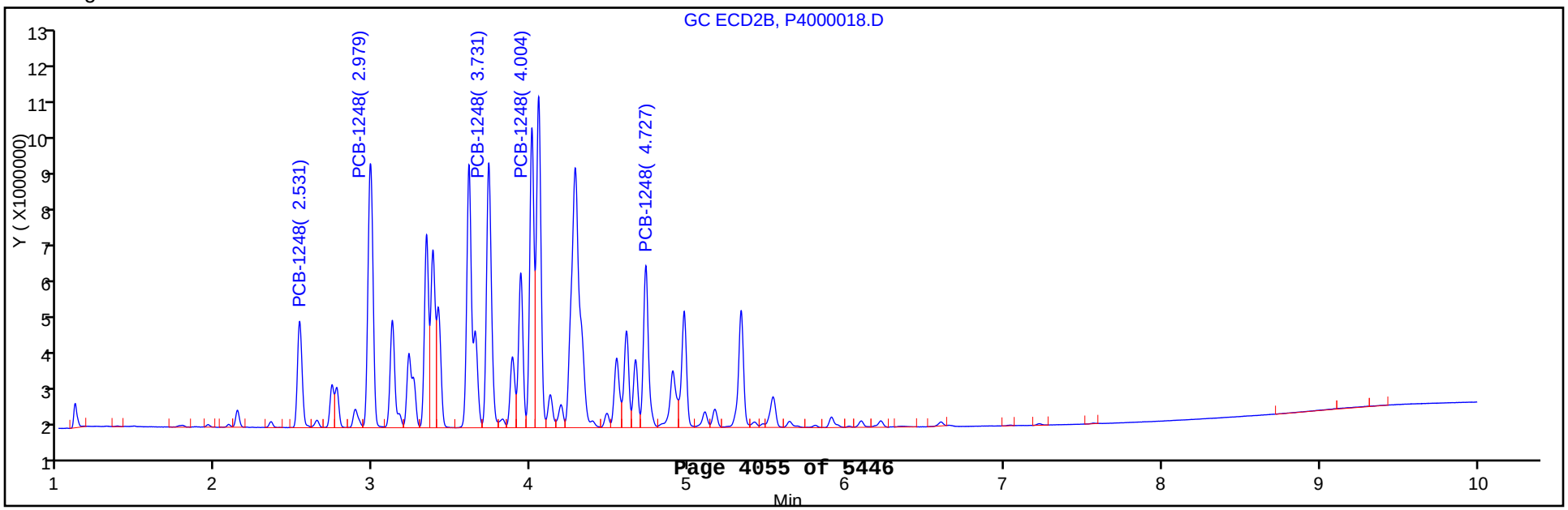
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000018.D

Injection Date:	04-Dec-2012 12:28:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000019.D
Lims ID: STD1 1248 Client ID:
Inject. Date: 04-Dec-2012 12:44:31 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015497-019
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 67207 Lims Sample ID: 19
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:06 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.823	1.824	-0.001	16025649	0.8936		100.0	
1	2	2.213	2.212	0.001	45563248	0.9841	218.6- 268.6	284.3	
1	3	2.714	2.714	0.000	49531951	0.9224	271.2- 321.2	309.1	
1	4	3.292	3.291	0.001	28937147	0.9587	139.9- 189.9	180.6	
1	5	3.725	3.724	0.001	24821622	0.9488	120.7- 170.7	154.9	
			Average of Peak Amounts =			0.9415			
2	6	2.530	2.531	-0.001	11379892	0.8752		100.0	
2	7	2.981	2.981	0.000	31706937	0.9251	227.5- 287.5	278.6	
2	8	3.731	3.730	0.001	30658201	0.9105	223.8- 283.8	269.4	
2	9	4.004	4.003	0.001	30480230	0.9236	218.9- 278.9	267.8	
2	10	4.727	4.726	0.001	18849222	0.9192	126.8- 186.8	165.6	
			Average of Peak Amounts =			0.9107			
						RPD = 3.32			

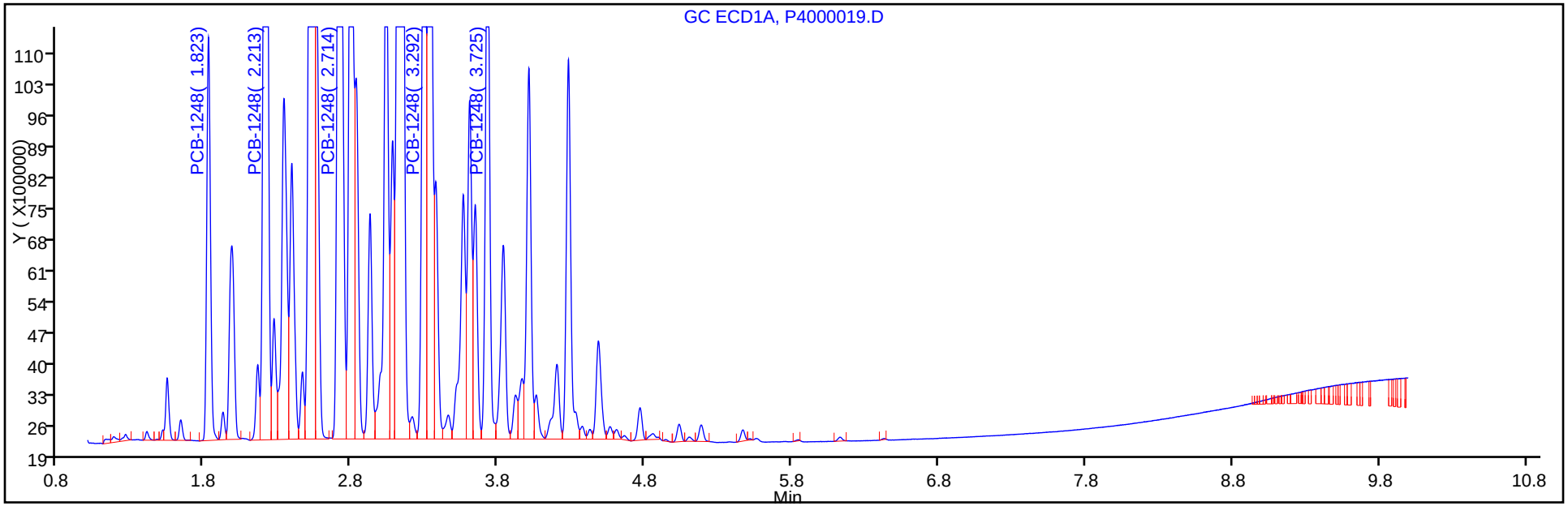
Report Date: 05-Dec-2012 06:34:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

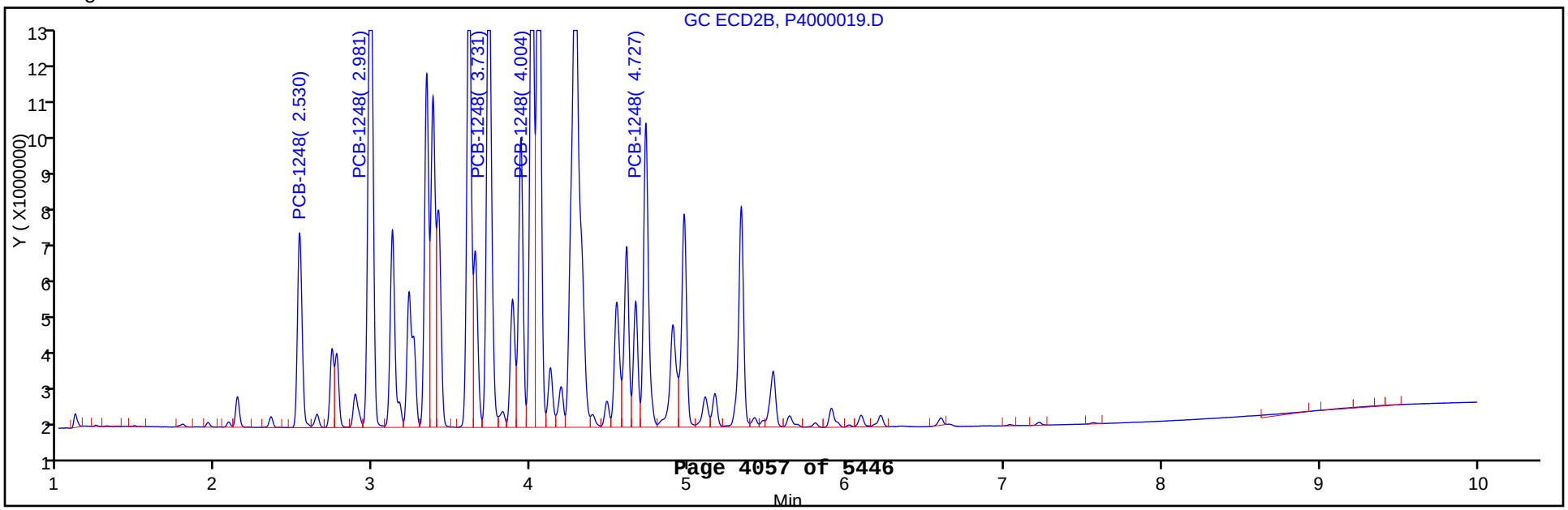
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000019.D

Injection Date:	04-Dec-2012 12:44:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000020.D
Lims ID: STD2 1248 Client ID:
Inject. Date: 04-Dec-2012 13:00:14 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015497-020
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 67207 Lims Sample ID: 20
Sublist: chrom-PCB4*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:04 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.824	1.824	0.000	28089536	1.57		100.0	
1	2	2.214	2.212	0.002	82906356	1.79	218.6- 268.6	295.2	
1	3	2.715	2.714	0.001	89936927	1.67	271.2- 321.2	320.2	
1	4	3.292	3.291	0.001	53432026	1.77	139.9- 189.9	190.2	
1	5	3.725	3.724	0.001	45951052	1.76	120.7- 170.7	163.6	
			Average of Peak Amounts =			1.71			
2	6	2.531	2.531	0.000	19890780	1.53		100.0	
2	7	2.981	2.981	0.000	57635001	1.68	227.5- 287.5	289.8	
2	8	3.731	3.730	0.001	55789929	1.66	223.8- 283.8	280.5	
2	9	4.004	4.003	0.001	55033342	1.67	218.9- 278.9	276.7	
2	10	4.727	4.726	0.001	34184063	1.67	126.8- 186.8	171.9	
			Average of Peak Amounts =			1.64			
						RPD = 4.24			

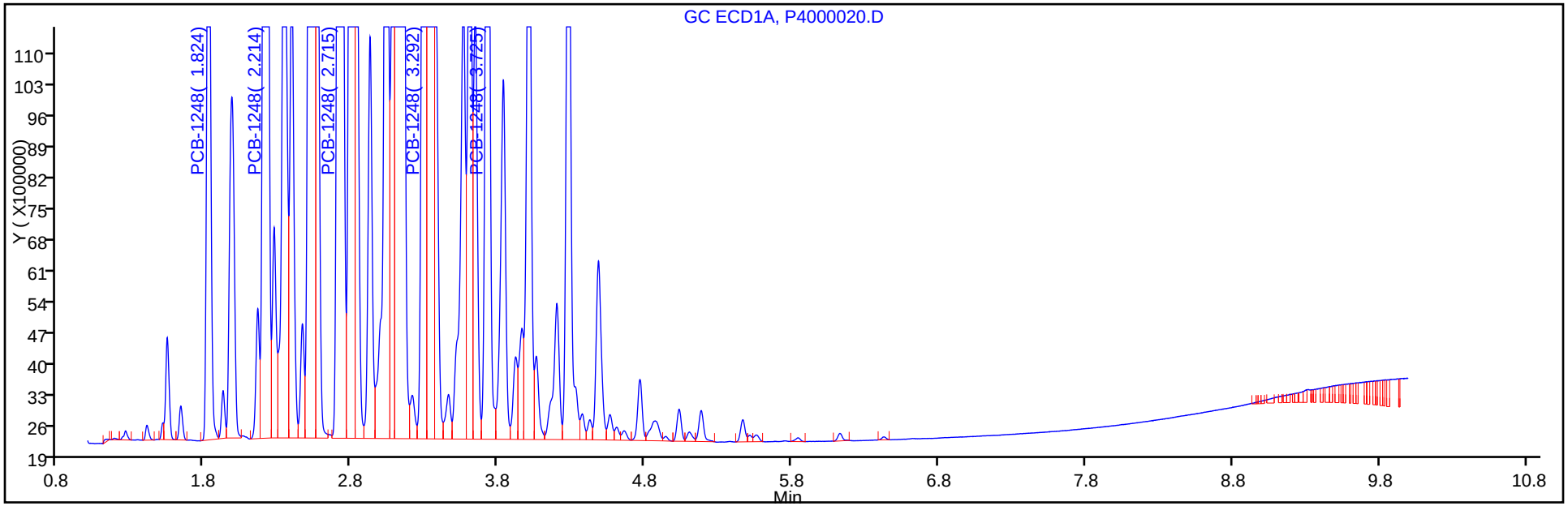
Report Date: 05-Dec-2012 06:34:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

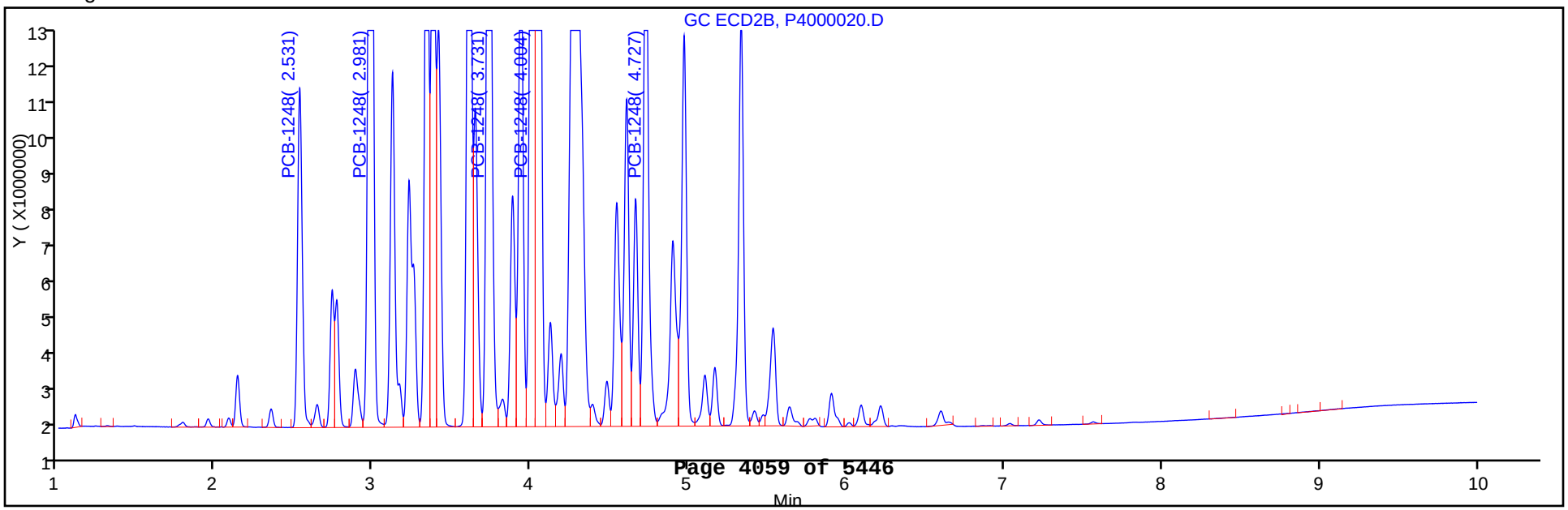
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000020.D

Injection Date:	04-Dec-2012 13:00:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 13:16 Calibration End Date: 12/04/2012 14:34 Calibration ID: 12586

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/21	P4000021.D
Level 2	STD01 240-67207/22	P4000022.D
Level 3	STD02 240-67207/23	P4000023.D
Level 4	STD05 240-67207/24	P4000024.D
Level 5	STD1 240-67207/25	P4000025.D
Level 6	STD2 240-67207/26	P4000026.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	1.404	1.403	1.403	1.403	1.404	1.403					1.304 - 1.504	1.403
PCB-1221 Peak 2	1.513	1.512	1.512	1.511	1.512	1.511					1.413 - 1.613	1.512
PCB-1221 Peak 3	1.541	1.541	1.542	1.541	1.542	1.541					1.441 - 1.641	1.541
PCB-1254 Peak 1	3.079	3.079	3.078	3.078	3.079	3.077					2.979 - 3.179	3.078
PCB-1254 Peak 2	3.726	3.725	3.725	3.725	3.725	3.725					3.626 - 3.826	3.725
PCB-1254 Peak 3	4.007	4.007	4.007	4.007	4.006	4.006					3.907 - 4.107	4.007
PCB-1254 Peak 4	4.198	4.198	4.198	4.198	4.198	4.197					4.098 - 4.298	4.198
PCB-1254 Peak 5	4.481	4.481	4.482	4.481	4.481	4.480					4.381 - 4.581	4.481

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 13:16 Calibration End Date: 12/04/2012 14:34 Calibration ID: 12586

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/21	P4000021.D
Level 2	STD01 240-67207/22	P4000022.D
Level 3	STD02 240-67207/23	P4000023.D
Level 4	STD05 240-67207/24	P4000024.D
Level 5	STD1 240-67207/25	P4000025.D
Level 6	STD2 240-67207/26	P4000026.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1221 Peak 1	16615240 11678491	13915530 11139216	13322195	12937244	Ave		13267986.0				15.0		20.0			
PCB-1221 Peak 2	9398900 5943991	7533600 6044523	6909520	6767870	Ave		7099734.00				18.0		20.0			
PCB-1221 Peak 3	41092440 29599940	35764380 27648328	33940840	31729662	Ave		33295931.6				14.0		20.0			
PCB-1254 Peak 1	47832580 37111493	43047820 35969567	41016935	38590494	Ave		40594814.8				11.0		20.0			
PCB-1254 Peak 2	85684740 73753211	77681980 71975879	77345525	77176228	Ave		77269593.8				6.1		20.0			
PCB-1254 Peak 3	64335520 56999689	61454670 56457771	62628990	62015652	Ave		60648715.3				5.3		20.0			
PCB-1254 Peak 4	59439940 48814551	53735160 47633062	53220225	51470160	Ave		52385516.3				8.0		20.0			
PCB-1254 Peak 5	89117960 75738359	80622000 74326894	79700760	78646142	Ave		79692019.2				6.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 13:16 Calibration End Date: 12/04/2012 14:34 Calibration ID: 12586

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/21	P4000021.D
Level 2	STD01 240-67207/22	P4000022.D
Level 3	STD02 240-67207/23	P4000023.D
Level 4	STD05 240-67207/24	P4000024.D
Level 5	STD1 240-67207/25	P4000025.D
Level 6	STD2 240-67207/26	P4000026.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	830762 22278432	1391553	2664439	6468622	11678491	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	Ave	469945 12089046	753360	1381904	3383935	5943991	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	Ave	2054622 55296655	3576438	6788168	15864831	29599940	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	Ave	2391629 71939134	4304782	8203387	19295247	37111493	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	Ave	4284237 143951758	7768198	15469105	38588114	73753211	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	Ave	3216776 112915541	6145467	12525798	31007826	56999689	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	Ave	2971997 95266124	5373516	10644045	25735080	48814551	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	Ave	4455898 148653788	8062200	15940152	39323071	75738359	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000021.D
Lims ID: STD005 AR2154 Client ID:
Inject. Date: 04-Dec-2012 13:16:07 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015497-021
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 67207 Lims Sample ID: 21
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:03 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.404	1.404	0.000	830762	0.0626		100.0	
1	3	1.513	1.513	0.000	469945	0.0662	26.9- 76.9	56.6	
1	4	1.541	1.541	0.000	2054622	0.0617	229.8- 279.8	247.3	
			Average of Peak Amounts =			0.0635			
2	4	1.951	1.951	0.000	565076	0.0611		100.0	
2	5	2.080	2.080	0.000	376512	0.0605	38.8- 98.8	66.6	
2	6	2.137	2.137	0.000	1334981	0.0608	209.6- 269.6	236.2	
			Average of Peak Amounts =			0.0608			
						RPD = 4.37			
8 PCB-1254									
1	100	3.079	3.079	0.000	2391629	0.0589		100.0	
1	2	3.726	3.726	0.000	4284237	0.0554	163.6- 213.6	179.1	
1	3	4.007	4.007	0.000	3216776	0.0530	127.7- 177.7	134.5	
1	4	4.198	4.198	0.000	2971997	0.0567	104.8- 154.8	124.3	
1	5	4.481	4.481	0.000	4455898	0.0559	169.3- 219.3	186.3	
			Average of Peak Amounts =			0.0560			
2	6	4.251	4.251	0.000	2205130	0.0576		100.0	
2	7	4.726	4.726	0.000	3294156	0.0553	126.1- 186.1	149.4	
2	8	4.970	4.970	0.000	2322361	0.0547	82.5- 142.5	105.3	
2	9	5.331	5.331	0.000	2803650	0.0583	94.9- 154.9	127.1	
2	10	5.535	5.535	0.000	3187065	0.0557	120.0- 180.0	144.5	
			Average of Peak Amounts =			0.0563			
						RPD = 0.53			

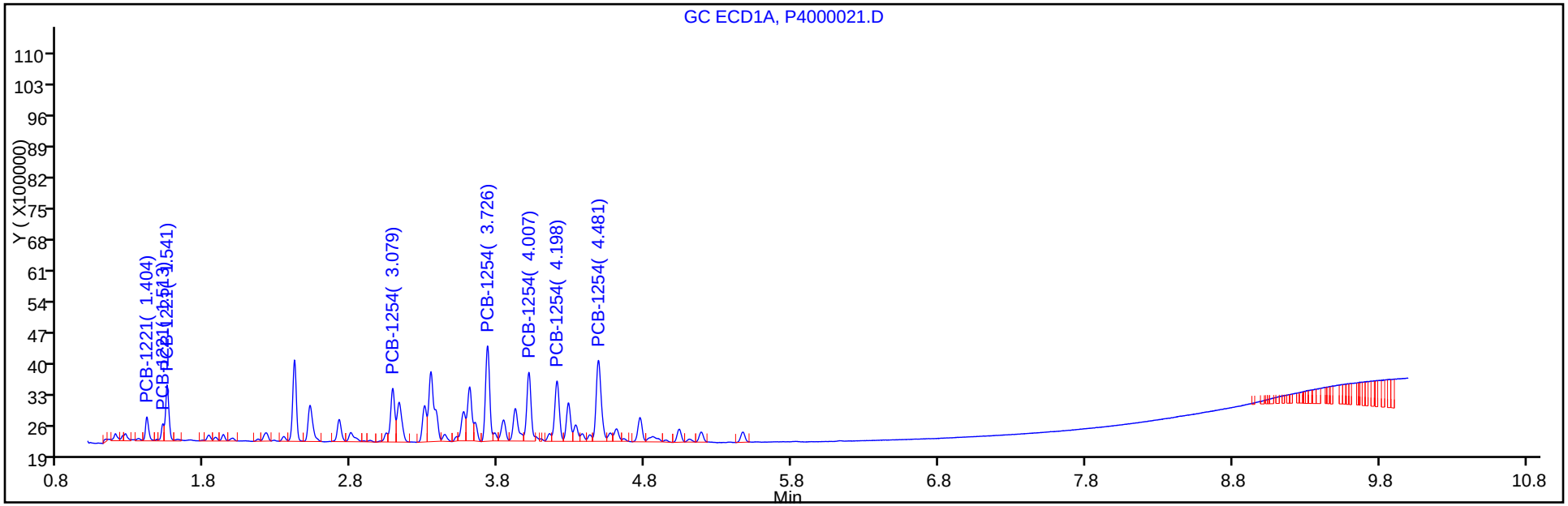
Report Date: 05-Dec-2012 06:34:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

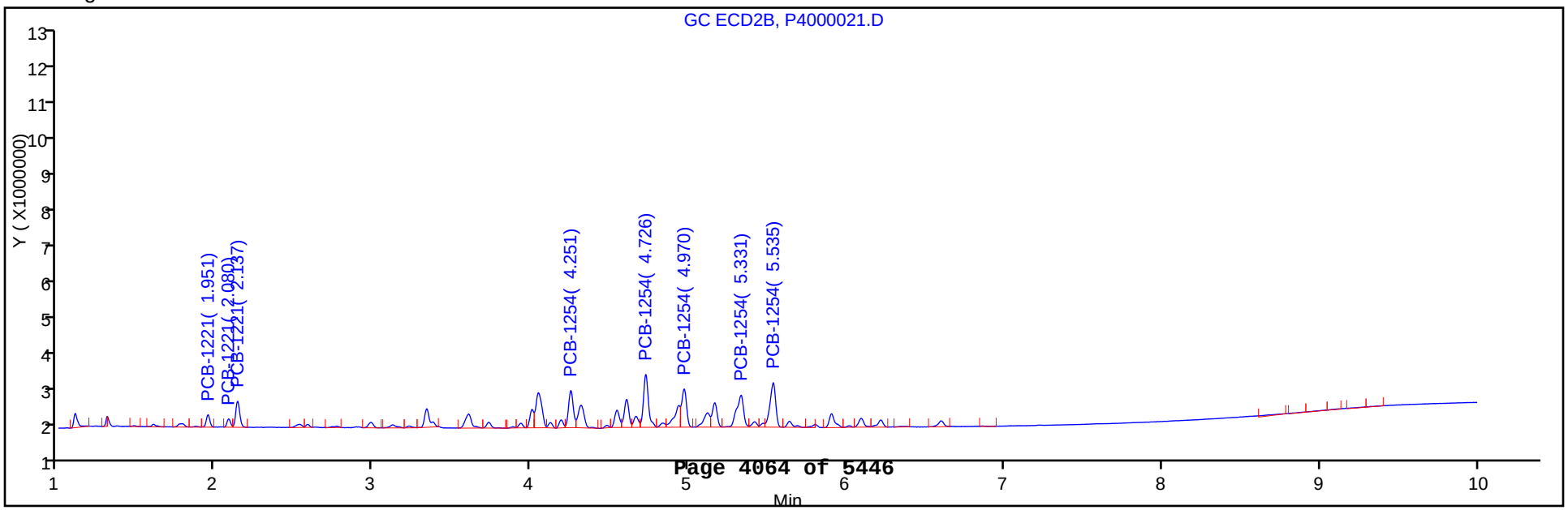
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000021.D

Injection Date:	04-Dec-2012 13:16:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000022.D
Lims ID: STD01 AR2154 Client ID:
Inject. Date: 04-Dec-2012 13:31:49 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015497-022
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 67207 Lims Sample ID: 22
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:01 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.403	1.404	-0.001	1391553	0.1049		100.0	
1	3	1.512	1.513	-0.001	753360	0.1061	26.9- 76.9	54.1	
1	4	1.541	1.541	0.000	3576438	0.1074	229.8- 279.8	257.0	
			Average of Peak Amounts =			0.1061			
2	4	1.950	1.951	-0.001	1002027	0.1084		100.0	
2	5	2.081	2.080	0.001	691771	0.1111	38.8- 98.8	69.0	
2	6	2.137	2.137	0.000	2389934	0.1088	209.6- 269.6	238.5	
			Average of Peak Amounts =			0.1094			
						RPD = 3.05			
8 PCB-1254									
1	100	3.079	3.079	0.000	4304782	0.1060		100.0	
1	2	3.725	3.726	-0.001	7768198	0.1005	163.6- 213.6	180.5	
1	3	4.007	4.007	0.000	6145467	0.1013	127.7- 177.7	142.8	
1	4	4.198	4.198	0.000	5373516	0.1026	104.8- 154.8	124.8	
1	5	4.481	4.481	0.000	8062200	0.1012	169.3- 219.3	187.3	
			Average of Peak Amounts =			0.1023			
2	6	4.251	4.251	0.000	4098689	0.1070		100.0	
2	7	4.726	4.726	0.000	6230726	0.1045	126.1- 186.1	152.0	
2	8	4.970	4.970	0.000	4402725	0.1037	82.5- 142.5	107.4	
2	9	5.331	5.331	0.000	5082245	0.1056	94.9- 154.9	124.0	
2	10	5.533	5.535	-0.002	5951692	0.1040	120.0- 180.0	145.2	
			Average of Peak Amounts =			0.1050			
						RPD = 2.56			

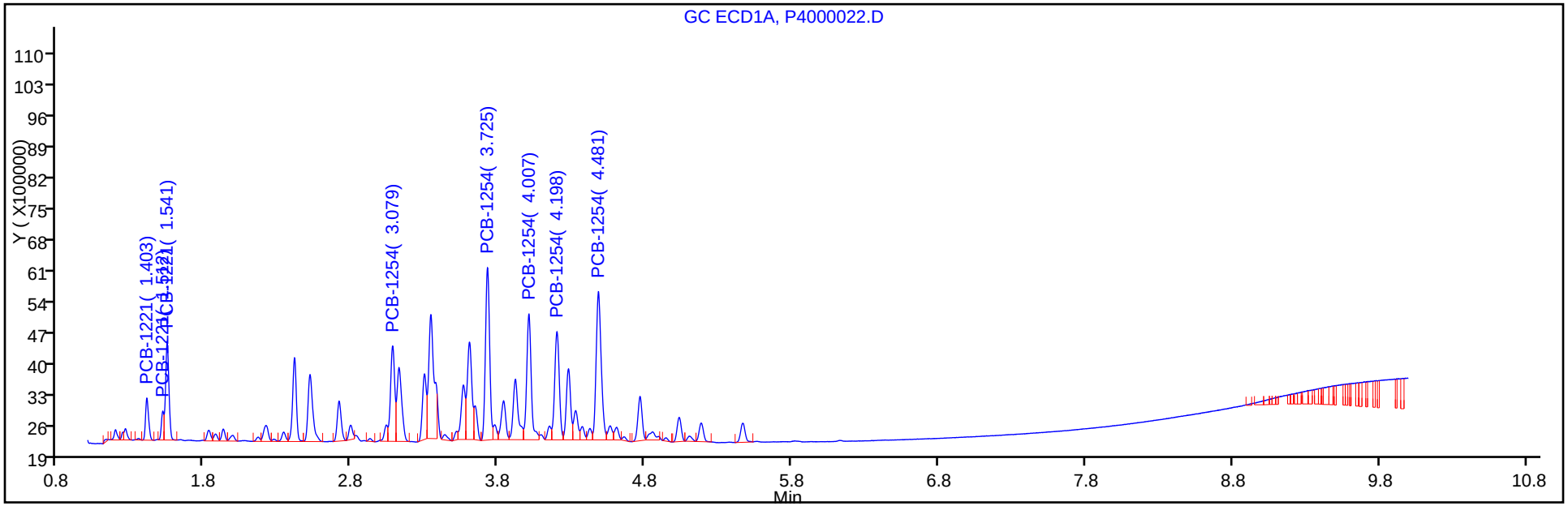
Report Date: 05-Dec-2012 06:34:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

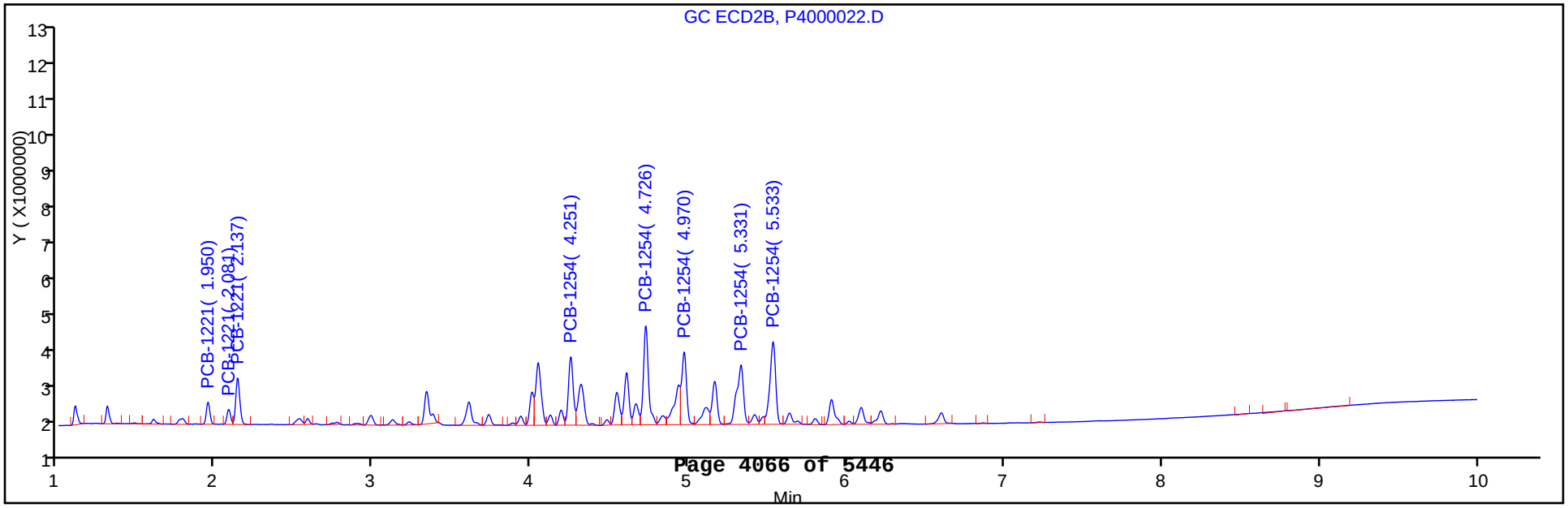
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000022.D

Injection Date:	04-Dec-2012 13:31:49	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000023.D
Lims ID: STD02 AR2154 Client ID:
Inject. Date: 04-Dec-2012 13:47:33 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015497-023
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 67207 Lims Sample ID: 23
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:59 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.403	1.404	-0.001	2664439	0.2008		100.0	
1	3	1.512	1.513	-0.001	1381904	0.1946	26.9- 76.9	51.9	
1	4	1.542	1.541	0.001	6788168	0.2039	229.8- 279.8	254.8	
			Average of Peak Amounts =			0.1998			
2	4	1.950	1.951	-0.001	1878475	0.2033		100.0	
2	5	2.081	2.080	0.001	1292956	0.2076	38.8- 98.8	68.8	
2	6	2.138	2.137	0.001	4500525	0.2049	209.6- 269.6	239.6	
			Average of Peak Amounts =			0.2052			
						RPD = 2.70			
8 PCB-1254									
1	100	3.078	3.079	-0.001	8203387	0.2021		100.0	
1	2	3.725	3.726	-0.001	15469105	0.2002	163.6- 213.6	188.6	
1	3	4.007	4.007	0.000	12525798	0.2065	127.7- 177.7	152.7	
1	4	4.198	4.198	0.000	10644045	0.2032	104.8- 154.8	129.8	
1	5	4.482	4.481	0.001	15940152	0.2000	169.3- 219.3	194.3	
			Average of Peak Amounts =			0.2024			
2	6	4.250	4.251	-0.001	7655955	0.2000		100.0	
2	7	4.727	4.726	0.001	11948512	0.2005	126.1- 186.1	156.1	
2	8	4.970	4.970	0.000	8612649	0.2029	82.5- 142.5	112.5	
2	9	5.330	5.331	-0.001	9560072	0.1987	94.9- 154.9	124.9	
2	10	5.533	5.535	-0.002	11480425	0.2006	120.0- 180.0	150.0	
			Average of Peak Amounts =			0.2005			
						RPD = 0.94			

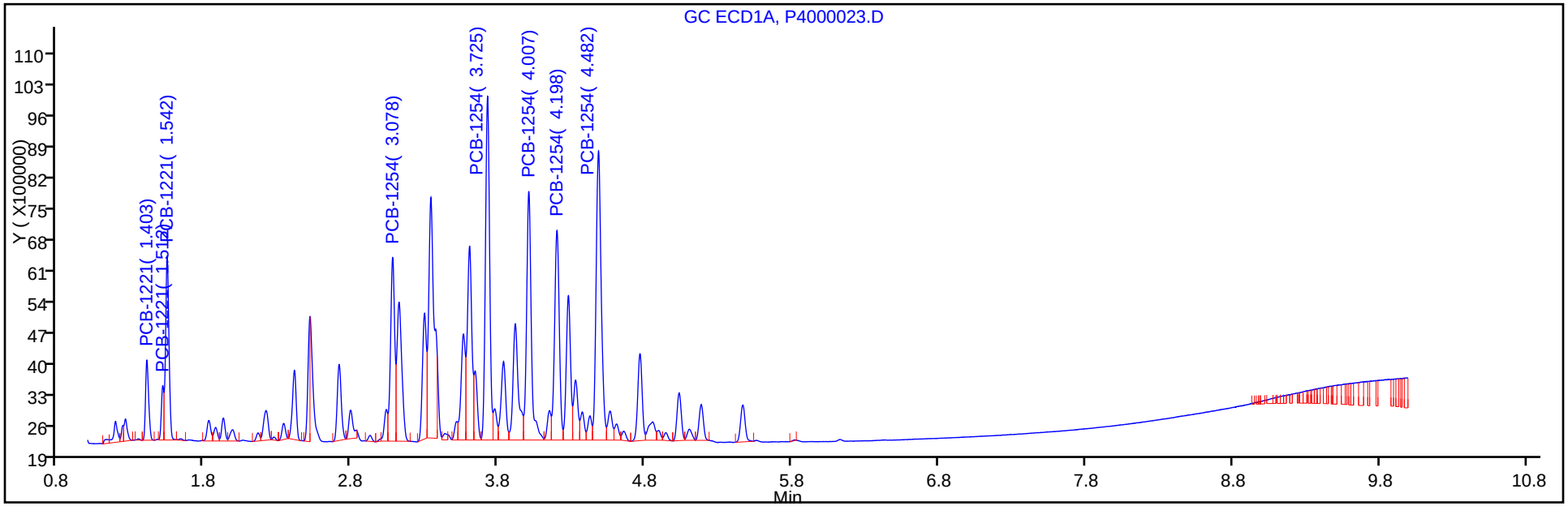
Report Date: 05-Dec-2012 06:34:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

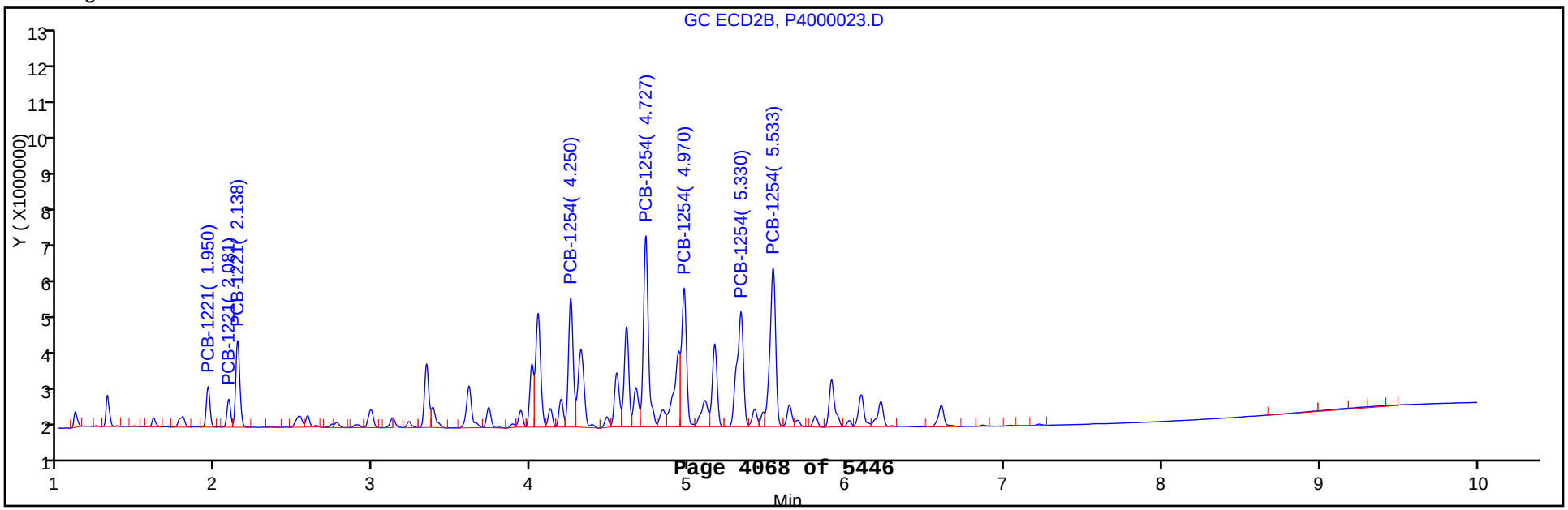
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000023.D

Injection Date:	04-Dec-2012 13:47:33	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000024.D
Lims ID: STD05 AR2154 Client ID:
Inject. Date: 04-Dec-2012 14:03:17 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015497-024
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 67207 Lims Sample ID: 24
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:58 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.403	1.404	-0.001	6468622	0.4875		100.0	
1	3	1.511	1.513	-0.002	3383935	0.4766	26.9- 76.9	52.3	
1	4	1.541	1.541	0.000	15864831	0.4765	229.8- 279.8	245.3	
			Average of Peak Amounts =			0.4802			
2	4	1.949	1.951	-0.002	4527401	0.4899		100.0	
2	5	2.080	2.080	0.000	3020052	0.4849	38.8- 98.8	66.7	
2	6	2.136	2.137	-0.001	10542695	0.4799	209.6- 269.6	232.9	
			Average of Peak Amounts =			0.4849			
						RPD = 0.97			
8 PCB-1254									
1	100	3.078	3.079	-0.001	19295247	0.4753		100.0	
1	2	3.725	3.726	-0.001	38588114	0.4994	163.6- 213.6	200.0	
1	3	4.007	4.007	0.000	31007826	0.5113	127.7- 177.7	160.7	
1	4	4.198	4.198	0.000	25735080	0.4913	104.8- 154.8	133.4	
1	5	4.481	4.481	0.000	39323071	0.4934	169.3- 219.3	203.8	
			Average of Peak Amounts =			0.4941			
2	6	4.251	4.251	0.000	18392512	0.4804		100.0	
2	7	4.726	4.726	0.000	29175441	0.4895	126.1- 186.1	158.6	
2	8	4.970	4.970	0.000	20754032	0.4889	82.5- 142.5	112.8	
2	9	5.331	5.331	0.000	23006134	0.4781	94.9- 154.9	125.1	
2	10	5.533	5.535	-0.002	27828063	0.4862	120.0- 180.0	151.3	
			Average of Peak Amounts =			0.4846			
						RPD = 1.94			

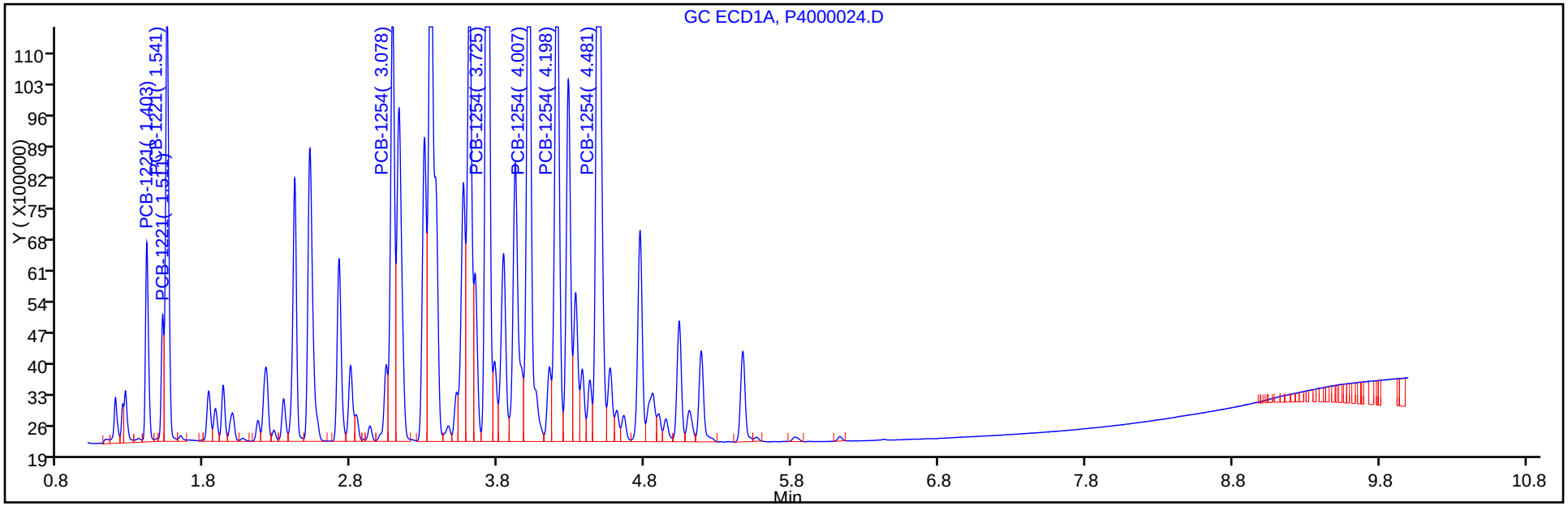
Report Date: 05-Dec-2012 06:33:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

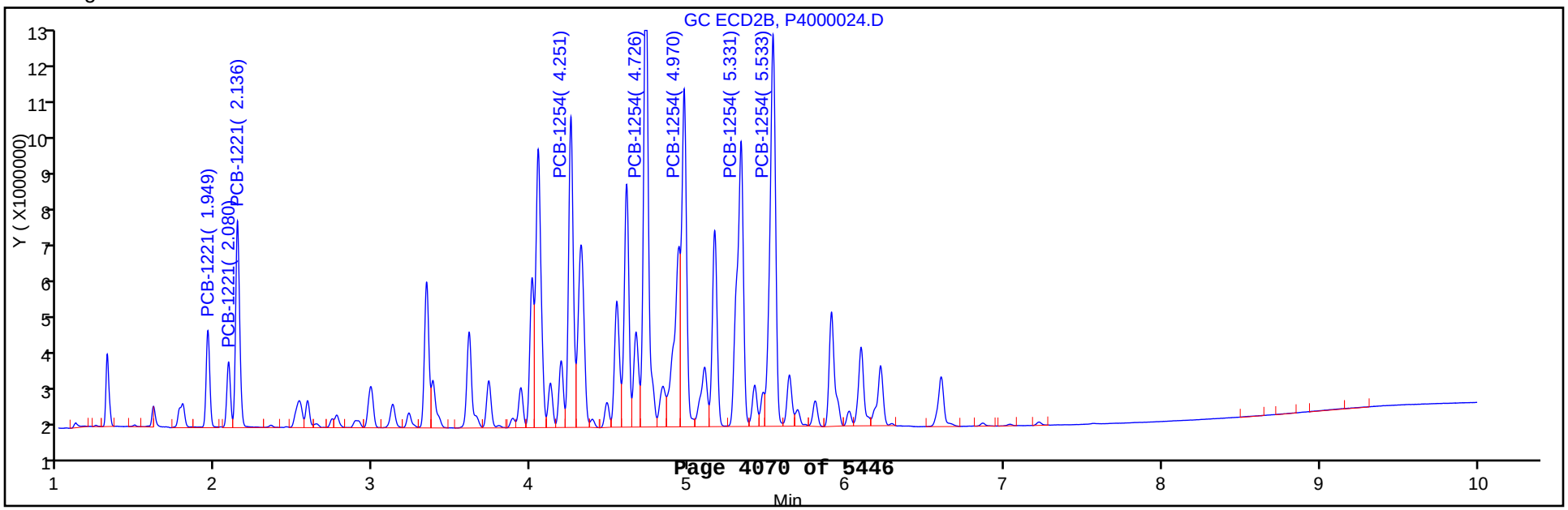
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000024.D

Injection Date:	04-Dec-2012 14:03:17	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000025.D
Lims ID: STD1 AR2154 Client ID:
Inject. Date: 04-Dec-2012 14:19:09 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015497-025
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 67207 Lims Sample ID: 25
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:57 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.404	1.404	0.000	11678491	0.8802		100.0	
1	3	1.512	1.513	-0.001	5943991	0.8372	26.9- 76.9	50.9	
1	4	1.542	1.541	0.001	29599940	0.8890	229.8- 279.8	253.5	
			Average of Peak Amounts =			0.8688			
2	4	1.950	1.951	-0.001	8045662	0.8706		100.0	
2	5	2.080	2.080	0.000	5386110	0.8648	38.8- 98.8	66.9	
2	6	2.137	2.137	0.000	19250099	0.8762	209.6- 269.6	239.3	
			Average of Peak Amounts =			0.8705			
						RPD = 0.20			
8 PCB-1254									
1	100	3.079	3.079	0.000	37111493	0.9142		100.0	
1	2	3.725	3.726	-0.001	73753211	0.9545	163.6- 213.6	198.7	
1	3	4.006	4.007	-0.001	56999689	0.9398	127.7- 177.7	153.6	
1	4	4.198	4.198	0.000	48814551	0.9318	104.8- 154.8	131.5	
1	5	4.481	4.481	0.000	75738359	0.9504	169.3- 219.3	204.1	
			Average of Peak Amounts =			0.9381			
2	6	4.250	4.251	-0.001	35223941	0.9200		100.0	
2	7	4.726	4.726	0.000	56140440	0.9419	126.1- 186.1	159.4	
2	8	4.969	4.970	-0.001	40308263	0.9496	82.5- 142.5	114.4	
2	9	5.330	5.331	-0.001	44231974	0.9193	94.9- 154.9	125.6	
2	10	5.534	5.535	-0.001	53939397	0.9424	120.0- 180.0	153.1	
			Average of Peak Amounts =			0.9346			
						RPD = 0.38			

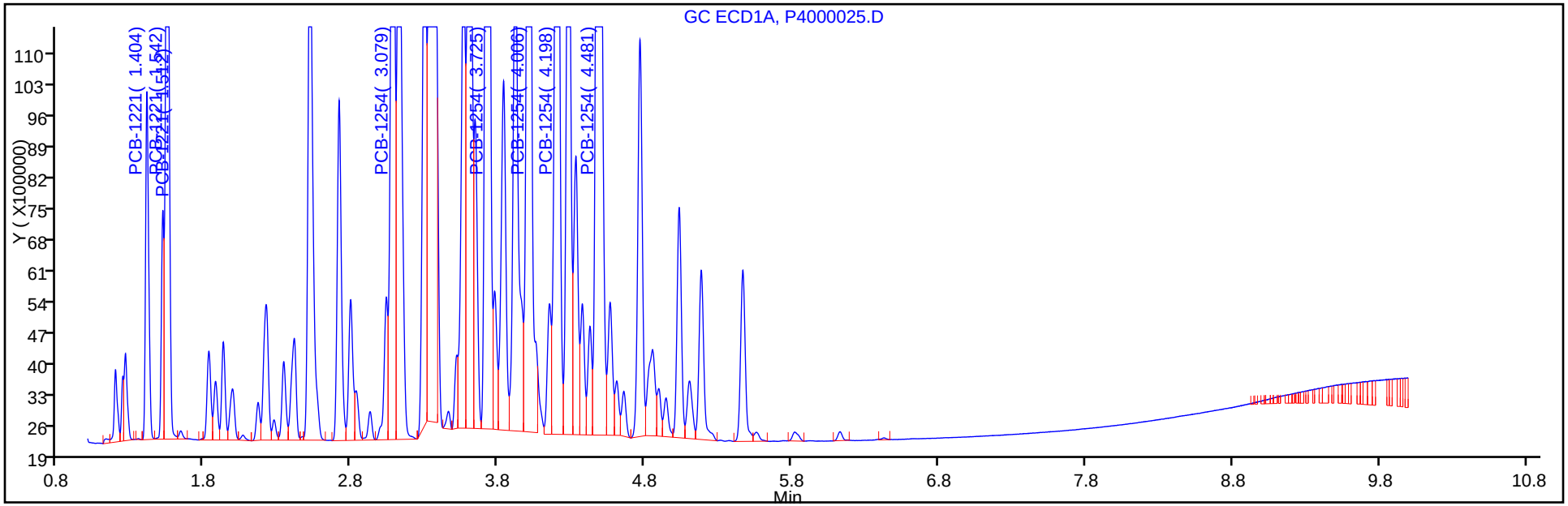
Report Date: 05-Dec-2012 06:33:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

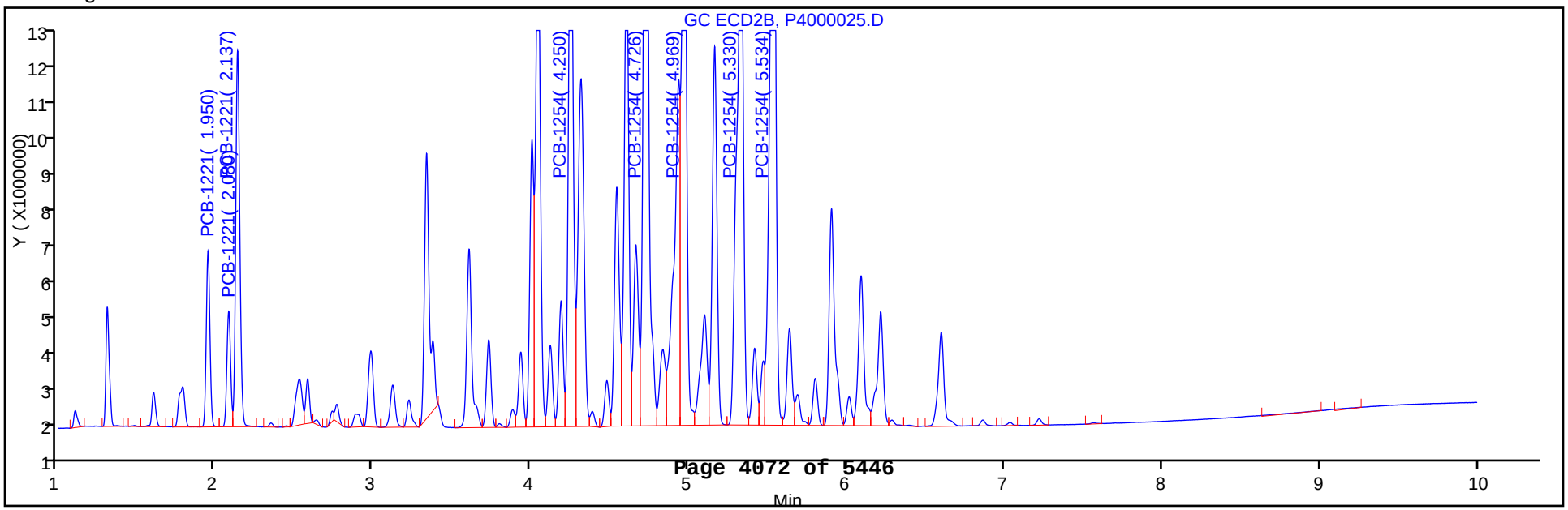
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000025.D

Injection Date:	04-Dec-2012 14:19:09	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000026.D
Lims ID: STD2 AR2154 Client ID:
Inject. Date: 04-Dec-2012 14:34:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015497-026
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 67207 Lims Sample ID: 26
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:55 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.403	1.404	-0.001	22278432	1.68		100.0	
1	3	1.511	1.513	-0.002	12089046	1.70	26.9- 76.9	54.3	
1	4	1.541	1.541	0.000	55296655	1.66	229.8- 279.8	248.2	
			Average of Peak Amounts =			1.68			
2	4	1.949	1.951	-0.002	15274417	1.65		100.0	
2	5	2.080	2.080	0.000	10058836	1.62	38.8- 98.8	65.9	
2	6	2.136	2.137	-0.001	36755916	1.67	209.6- 269.6	240.6	
			Average of Peak Amounts =			1.65			
						RPD = 2.04			
8 PCB-1254									
1	100	3.077	3.079	-0.002	71939134	1.77		100.0	
1	2	3.725	3.726	-0.001	143951758	1.86	163.6- 213.6	200.1	
1	3	4.006	4.007	-0.001	112915541	1.86	127.7- 177.7	157.0	
1	4	4.197	4.198	-0.001	95266124	1.82	104.8- 154.8	132.4	
1	5	4.480	4.481	-0.001	148653788	1.87	169.3- 219.3	206.6	
			Average of Peak Amounts =			1.84			
2	6	4.251	4.251	0.000	68696012	1.79		100.0	
2	7	4.726	4.726	0.000	110402862	1.85	126.1- 186.1	160.7	
2	8	4.969	4.970	-0.001	78657595	1.85	82.5- 142.5	114.5	
2	9	5.330	5.331	-0.001	87513253	1.82	94.9- 154.9	127.4	
2	10	5.534	5.535	-0.001	106320527	1.86	120.0- 180.0	154.8	
			Average of Peak Amounts =			1.84			
						RPD = 0.05			

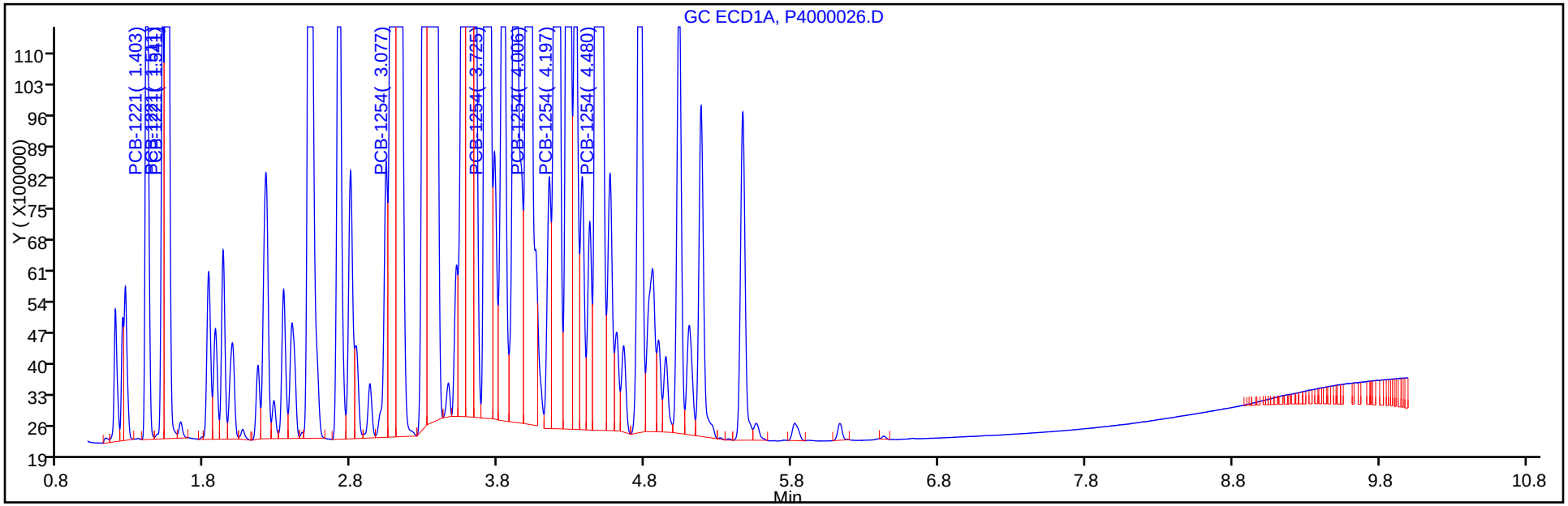
Report Date: 05-Dec-2012 06:33:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

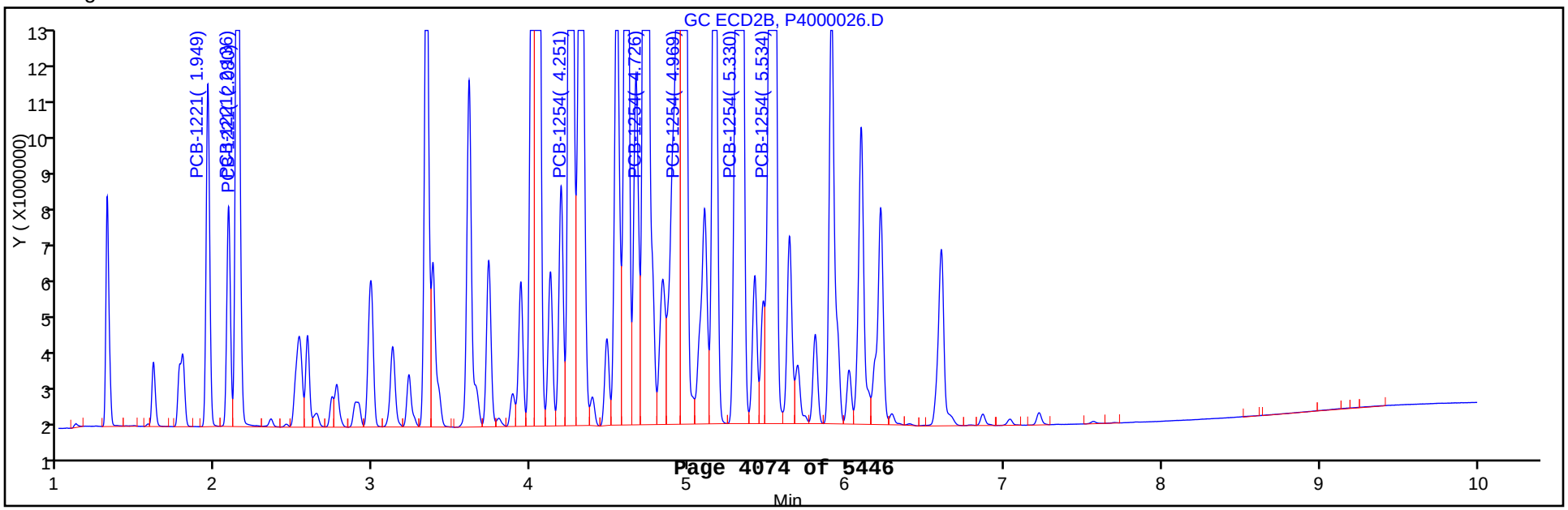
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000026.D

Injection Date:	04-Dec-2012 14:34:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 13:16 Calibration End Date: 12/04/2012 14:34 Calibration ID: 12587

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/21	P4000021.D
Level 2	STD01 240-67207/22	P4000022.D
Level 3	STD02 240-67207/23	P4000023.D
Level 4	STD05 240-67207/24	P4000024.D
Level 5	STD1 240-67207/25	P4000025.D
Level 6	STD2 240-67207/26	P4000026.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1221 Peak 1	1.951	1.950	1.950	1.949	1.950	1.949					1.851 - 2.051	1.950
PCB-1221 Peak 2	2.080	2.081	2.081	2.080	2.080	2.080					1.980 - 2.180	2.080
PCB-1221 Peak 3	2.137	2.137	2.138	2.136	2.137	2.136					2.037 - 2.237	2.137
PCB-1254 Peak 1	4.251	4.251	4.250	4.251	4.250	4.251					4.151 - 4.351	4.251
PCB-1254 Peak 2	4.726	4.726	4.727	4.726	4.726	4.726					4.626 - 4.826	4.726
PCB-1254 Peak 3	4.970	4.970	4.970	4.970	4.969	4.969					4.870 - 5.070	4.970
PCB-1254 Peak 4	5.331	5.331	5.330	5.331	5.330	5.330					5.231 - 5.431	5.331
PCB-1254 Peak 5	5.535	5.533	5.533	5.533	5.534	5.534					5.435 - 5.635	5.534

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 13:16 Calibration End Date: 12/04/2012 14:34 Calibration ID: 12587

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/21	P4000021.D
Level 2	STD01 240-67207/22	P4000022.D
Level 3	STD02 240-67207/23	P4000023.D
Level 4	STD05 240-67207/24	P4000024.D
Level 5	STD1 240-67207/25	P4000025.D
Level 6	STD2 240-67207/26	P4000026.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1221 Peak 1	11301520 8045662	10020270 7637209	9392375	9054802	Ave		9241972.92				14.0		20.0			
PCB-1221 Peak 2	7530240 5386110	6917710 5029418	6464780	6040104	Ave		6228060.33				15.0		20.0			
PCB-1221 Peak 3	26699620 19250099	23899340 18377958	22502625	21085390	Ave		21969172.0				14.0		20.0			
PCB-1254 Peak 1	44102600 35223941	40986890 34348006	38279775	36785024	Ave		38287706.0				9.7		20.0			
PCB-1254 Peak 2	65883120 56140440	62307260 55201431	59742560	58350882	Ave		59604282.2				6.7		20.0			
PCB-1254 Peak 3	46447220 40308263	44027250 39328798	43063245	41508064	Ave		42447139.9				6.1		20.0			
PCB-1254 Peak 4	56073000 44231974	50822450 43756627	47800360	46012268	Ave		48116113.1				9.7		20.0			
PCB-1254 Peak 5	63741300 53939397	59516920 53160264	57402125	55656126	Ave		57236021.9				6.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 13:16 Calibration End Date: 12/04/2012 14:34 Calibration ID: 12587

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/21	P4000021.D
Level 2	STD01 240-67207/22	P4000022.D
Level 3	STD02 240-67207/23	P4000023.D
Level 4	STD05 240-67207/24	P4000024.D
Level 5	STD1 240-67207/25	P4000025.D
Level 6	STD2 240-67207/26	P4000026.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Ave	565076 15274417	1002027	1878475	4527401	8045662	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 2	Ave	376512 10058836	691771	1292956	3020052	5386110	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1221 Peak 3	Ave	1334981 36755916	2389934	4500525	10542695	19250099	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 1	Ave	2205130 68696012	4098689	7655955	18392512	35223941	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 2	Ave	3294156 110402862	6230726	11948512	29175441	56140440	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 3	Ave	2322361 78657595	4402725	8612649	20754032	40308263	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 4	Ave	2803650 87513253	5082245	9560072	23006134	44231974	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1254 Peak 5	Ave	3187065 106320527	5951692	11480425	27828063	53939397	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000021.D
Lims ID: STD005 AR2154 Client ID:
Inject. Date: 04-Dec-2012 13:16:07 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015497-021
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 67207 Lims Sample ID: 21
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:03 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.404	1.404	0.000	830762	0.0626		100.0	
1	3	1.513	1.513	0.000	469945	0.0662	26.9- 76.9	56.6	
1	4	1.541	1.541	0.000	2054622	0.0617	229.8- 279.8	247.3	
			Average of Peak Amounts =			0.0635			
2	4	1.951	1.951	0.000	565076	0.0611		100.0	
2	5	2.080	2.080	0.000	376512	0.0605	38.8- 98.8	66.6	
2	6	2.137	2.137	0.000	1334981	0.0608	209.6- 269.6	236.2	
			Average of Peak Amounts =			0.0608			
						RPD = 4.37			
8 PCB-1254									
1	100	3.079	3.079	0.000	2391629	0.0589		100.0	
1	2	3.726	3.726	0.000	4284237	0.0554	163.6- 213.6	179.1	
1	3	4.007	4.007	0.000	3216776	0.0530	127.7- 177.7	134.5	
1	4	4.198	4.198	0.000	2971997	0.0567	104.8- 154.8	124.3	
1	5	4.481	4.481	0.000	4455898	0.0559	169.3- 219.3	186.3	
			Average of Peak Amounts =			0.0560			
2	6	4.251	4.251	0.000	2205130	0.0576		100.0	
2	7	4.726	4.726	0.000	3294156	0.0553	126.1- 186.1	149.4	
2	8	4.970	4.970	0.000	2322361	0.0547	82.5- 142.5	105.3	
2	9	5.331	5.331	0.000	2803650	0.0583	94.9- 154.9	127.1	
2	10	5.535	5.535	0.000	3187065	0.0557	120.0- 180.0	144.5	
			Average of Peak Amounts =			0.0563			
						RPD = 0.53			

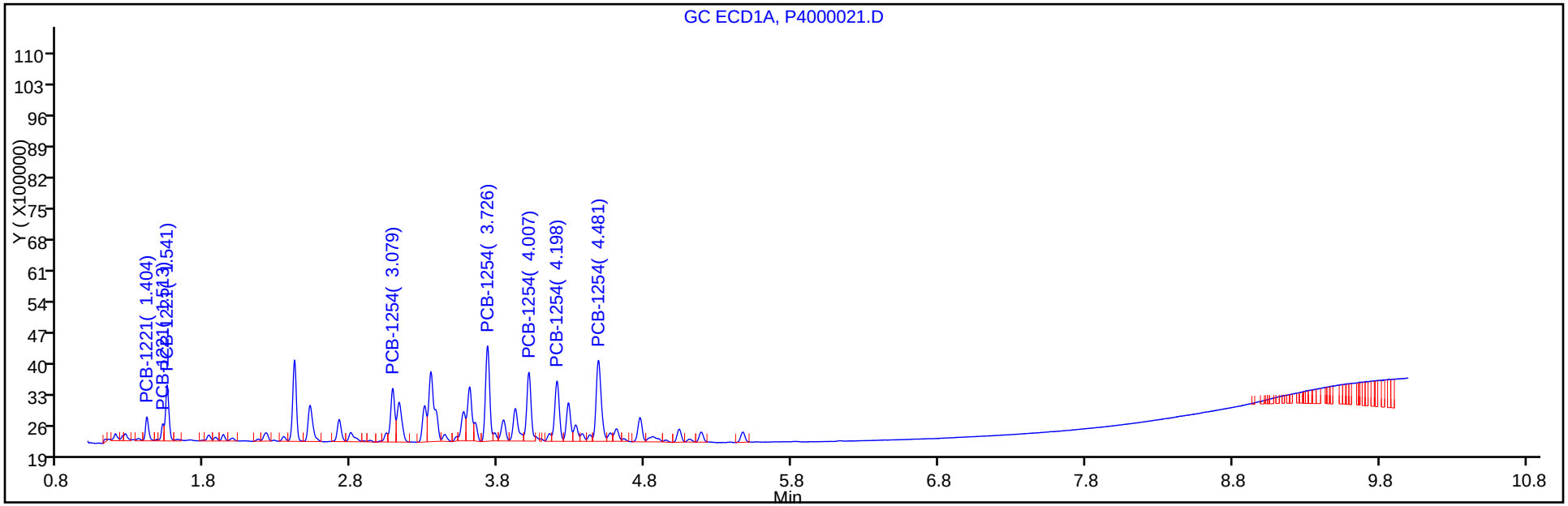
Report Date: 05-Dec-2012 06:34:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

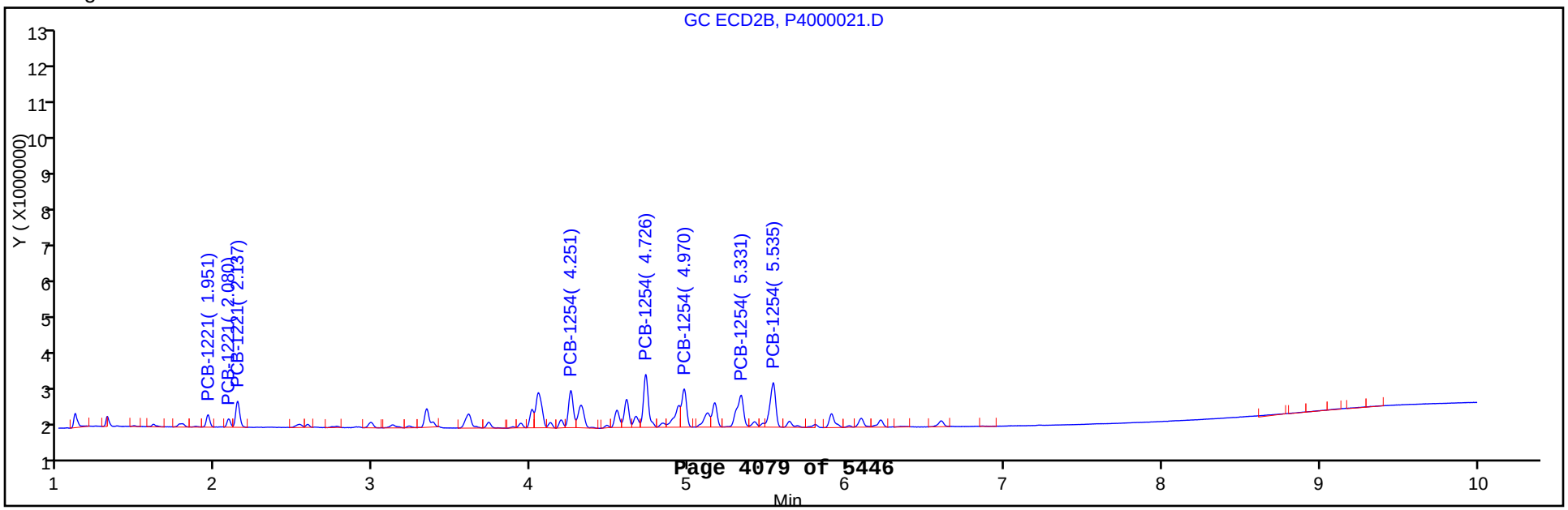
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000021.D

Injection Date:	04-Dec-2012 13:16:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000022.D
Lims ID: STD01 AR2154 Client ID:
Inject. Date: 04-Dec-2012 13:31:49 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015497-022
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 67207 Lims Sample ID: 22
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:34:01 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.403	1.404	-0.001	1391553	0.1049		100.0	
1	3	1.512	1.513	-0.001	753360	0.1061	26.9- 76.9	54.1	
1	4	1.541	1.541	0.000	3576438	0.1074	229.8- 279.8	257.0	
			Average of Peak Amounts =			0.1061			
2	4	1.950	1.951	-0.001	1002027	0.1084		100.0	
2	5	2.081	2.080	0.001	691771	0.1111	38.8- 98.8	69.0	
2	6	2.137	2.137	0.000	2389934	0.1088	209.6- 269.6	238.5	
			Average of Peak Amounts =			0.1094			
						RPD = 3.05			
8 PCB-1254									
1	100	3.079	3.079	0.000	4304782	0.1060		100.0	
1	2	3.725	3.726	-0.001	7768198	0.1005	163.6- 213.6	180.5	
1	3	4.007	4.007	0.000	6145467	0.1013	127.7- 177.7	142.8	
1	4	4.198	4.198	0.000	5373516	0.1026	104.8- 154.8	124.8	
1	5	4.481	4.481	0.000	8062200	0.1012	169.3- 219.3	187.3	
			Average of Peak Amounts =			0.1023			
2	6	4.251	4.251	0.000	4098689	0.1070		100.0	
2	7	4.726	4.726	0.000	6230726	0.1045	126.1- 186.1	152.0	
2	8	4.970	4.970	0.000	4402725	0.1037	82.5- 142.5	107.4	
2	9	5.331	5.331	0.000	5082245	0.1056	94.9- 154.9	124.0	
2	10	5.533	5.535	-0.002	5951692	0.1040	120.0- 180.0	145.2	
			Average of Peak Amounts =			0.1050			
						RPD = 2.56			

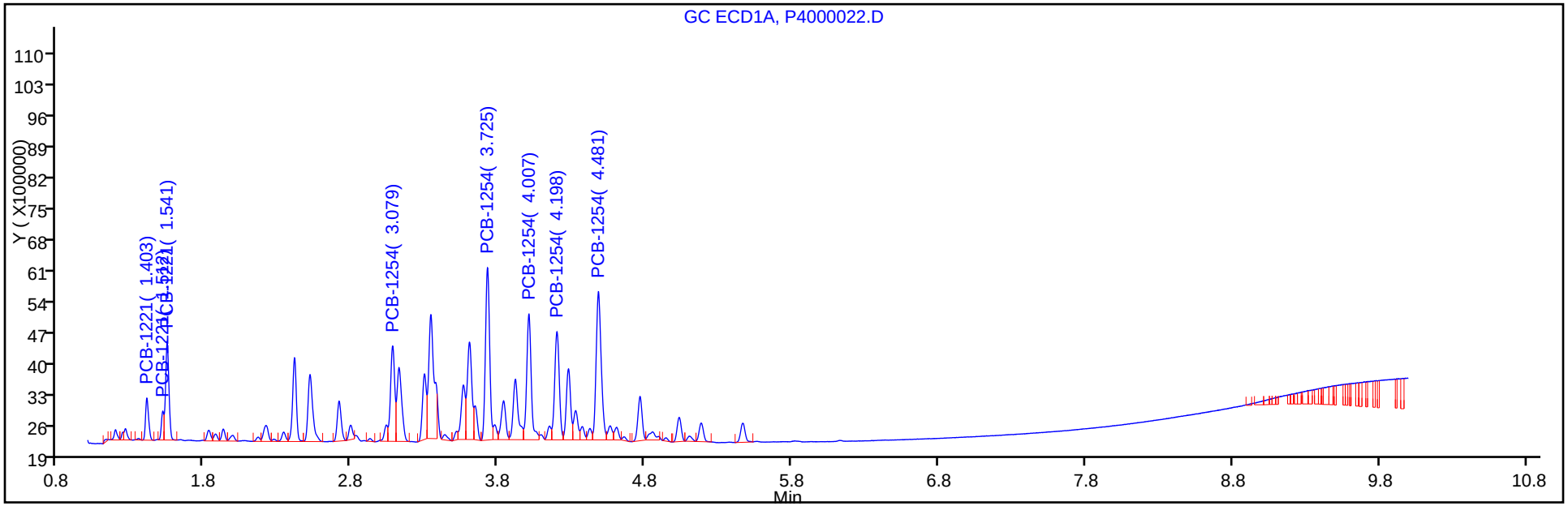
Report Date: 05-Dec-2012 06:34:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

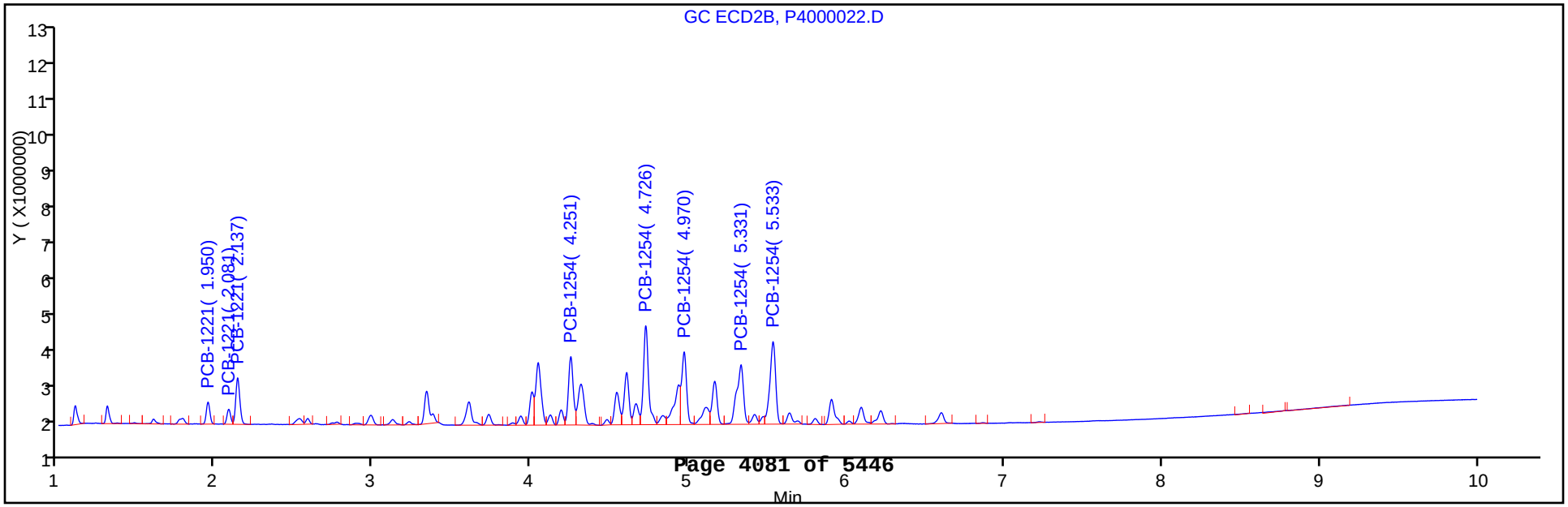
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Injection Date:	04-Dec-2012 13:31:49	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000023.D
Lims ID: STD02 AR2154 Client ID:
Inject. Date: 04-Dec-2012 13:47:33 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015497-023
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 67207 Lims Sample ID: 23
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:59 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.403	1.404	-0.001	2664439	0.2008		100.0	
1	3	1.512	1.513	-0.001	1381904	0.1946	26.9- 76.9	51.9	
1	4	1.542	1.541	0.001	6788168	0.2039	229.8- 279.8	254.8	
			Average of Peak Amounts =			0.1998			
2	4	1.950	1.951	-0.001	1878475	0.2033		100.0	
2	5	2.081	2.080	0.001	1292956	0.2076	38.8- 98.8	68.8	
2	6	2.138	2.137	0.001	4500525	0.2049	209.6- 269.6	239.6	
			Average of Peak Amounts =			0.2052			
						RPD = 2.70			
8 PCB-1254									
1	100	3.078	3.079	-0.001	8203387	0.2021		100.0	
1	2	3.725	3.726	-0.001	15469105	0.2002	163.6- 213.6	188.6	
1	3	4.007	4.007	0.000	12525798	0.2065	127.7- 177.7	152.7	
1	4	4.198	4.198	0.000	10644045	0.2032	104.8- 154.8	129.8	
1	5	4.482	4.481	0.001	15940152	0.2000	169.3- 219.3	194.3	
			Average of Peak Amounts =			0.2024			
2	6	4.250	4.251	-0.001	7655955	0.2000		100.0	
2	7	4.727	4.726	0.001	11948512	0.2005	126.1- 186.1	156.1	
2	8	4.970	4.970	0.000	8612649	0.2029	82.5- 142.5	112.5	
2	9	5.330	5.331	-0.001	9560072	0.1987	94.9- 154.9	124.9	
2	10	5.533	5.535	-0.002	11480425	0.2006	120.0- 180.0	150.0	
			Average of Peak Amounts =			0.2005			
						RPD = 0.94			

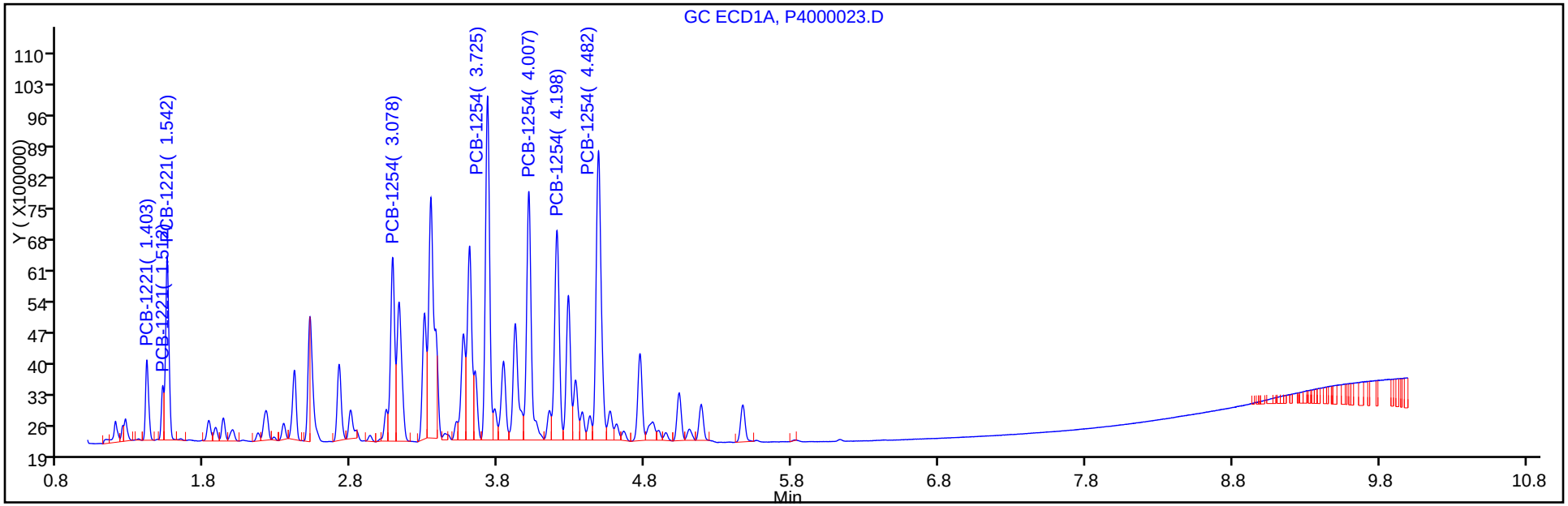
Report Date: 05-Dec-2012 06:34:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

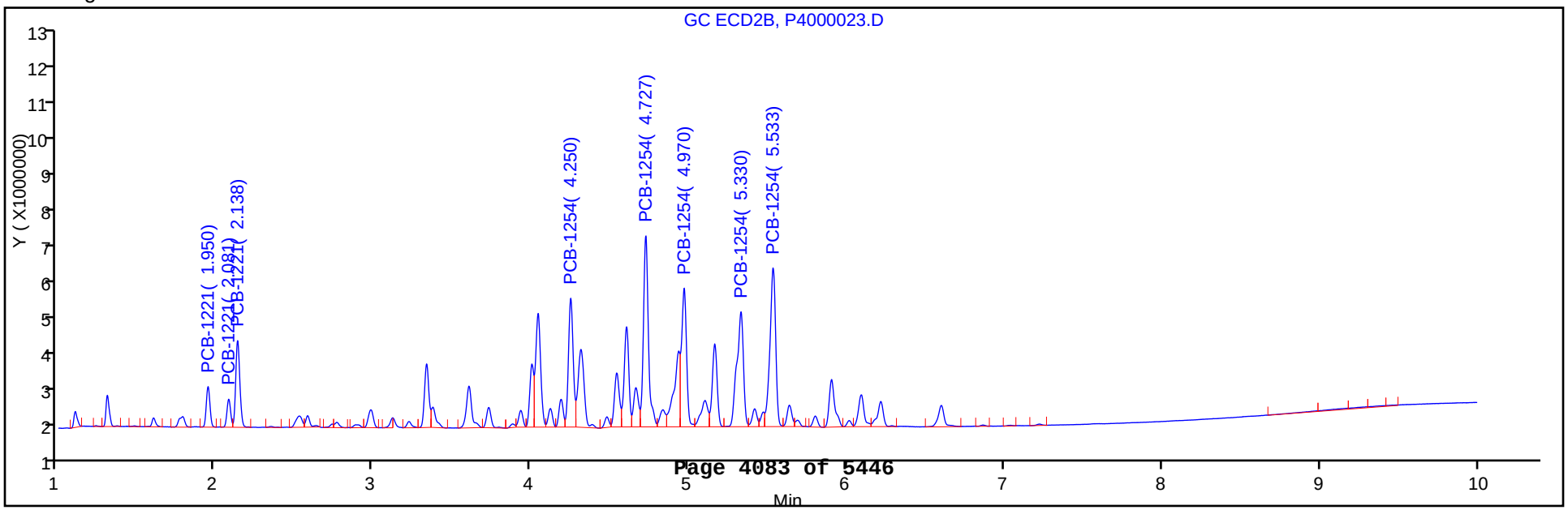
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000023.D

Injection Date:	04-Dec-2012 13:47:33	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000024.D
Lims ID: STD05 AR2154 Client ID:
Inject. Date: 04-Dec-2012 14:03:17 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015497-024
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 67207 Lims Sample ID: 24
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:58 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.403	1.404	-0.001	6468622	0.4875		100.0	
1	3	1.511	1.513	-0.002	3383935	0.4766	26.9- 76.9	52.3	
1	4	1.541	1.541	0.000	15864831	0.4765	229.8- 279.8	245.3	
			Average of Peak Amounts =			0.4802			
2	4	1.949	1.951	-0.002	4527401	0.4899		100.0	
2	5	2.080	2.080	0.000	3020052	0.4849	38.8- 98.8	66.7	
2	6	2.136	2.137	-0.001	10542695	0.4799	209.6- 269.6	232.9	
			Average of Peak Amounts =			0.4849			
						RPD = 0.97			
8 PCB-1254									
1	100	3.078	3.079	-0.001	19295247	0.4753		100.0	
1	2	3.725	3.726	-0.001	38588114	0.4994	163.6- 213.6	200.0	
1	3	4.007	4.007	0.000	31007826	0.5113	127.7- 177.7	160.7	
1	4	4.198	4.198	0.000	25735080	0.4913	104.8- 154.8	133.4	
1	5	4.481	4.481	0.000	39323071	0.4934	169.3- 219.3	203.8	
			Average of Peak Amounts =			0.4941			
2	6	4.251	4.251	0.000	18392512	0.4804		100.0	
2	7	4.726	4.726	0.000	29175441	0.4895	126.1- 186.1	158.6	
2	8	4.970	4.970	0.000	20754032	0.4889	82.5- 142.5	112.8	
2	9	5.331	5.331	0.000	23006134	0.4781	94.9- 154.9	125.1	
2	10	5.533	5.535	-0.002	27828063	0.4862	120.0- 180.0	151.3	
			Average of Peak Amounts =			0.4846			
						RPD = 1.94			

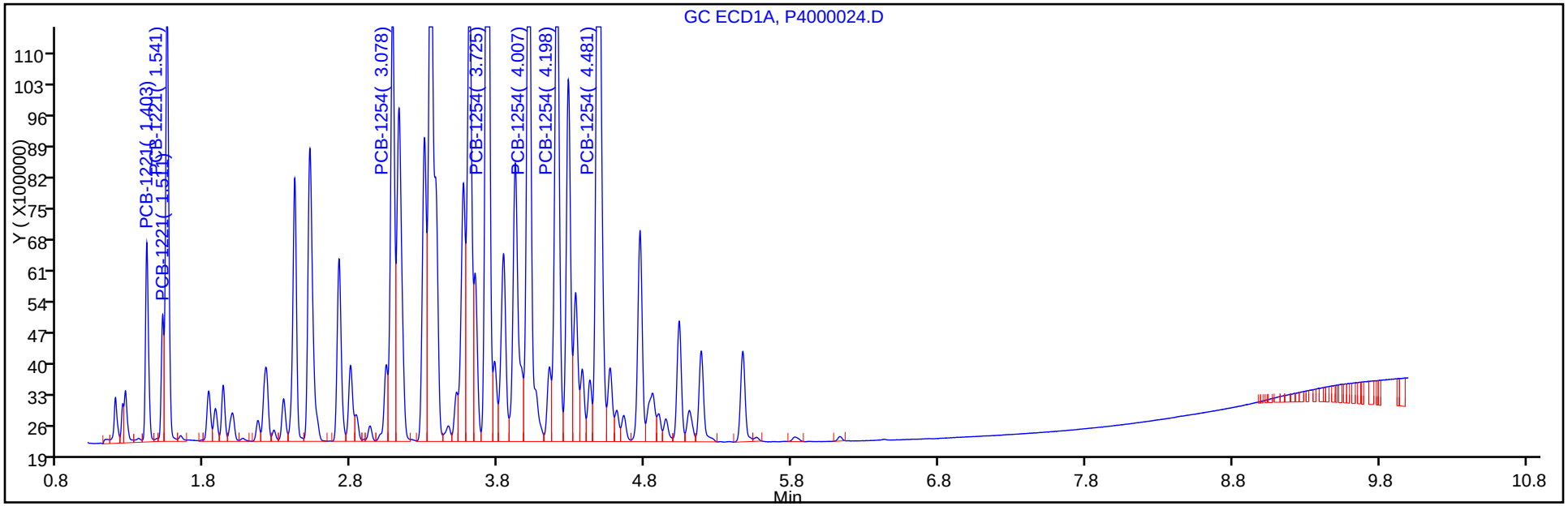
Report Date: 05-Dec-2012 06:33:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

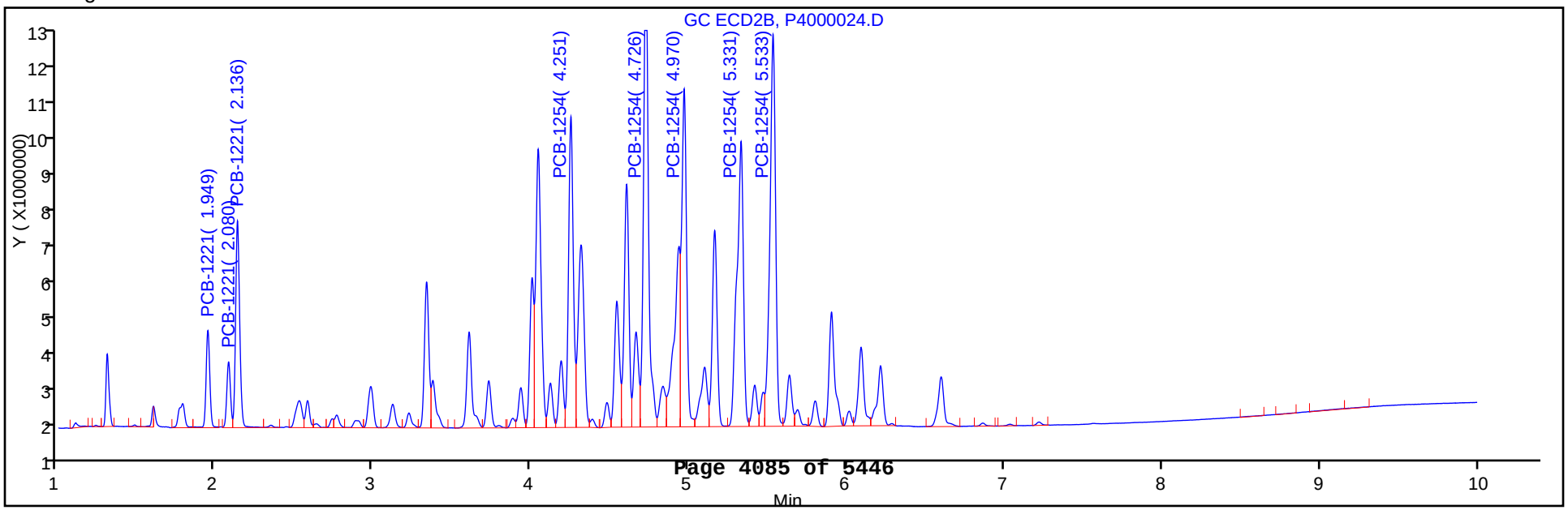
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000024.D

Injection Date:	04-Dec-2012 14:03:17	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000025.D
Lims ID: STD1 AR2154 Client ID:
Inject. Date: 04-Dec-2012 14:19:09 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015497-025
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 67207 Lims Sample ID: 25
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:57 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.404	1.404	0.000	11678491	0.8802		100.0	
1	3	1.512	1.513	-0.001	5943991	0.8372	26.9- 76.9	50.9	
1	4	1.542	1.541	0.001	29599940	0.8890	229.8- 279.8	253.5	
			Average of Peak Amounts =			0.8688			
2	4	1.950	1.951	-0.001	8045662	0.8706		100.0	
2	5	2.080	2.080	0.000	5386110	0.8648	38.8- 98.8	66.9	
2	6	2.137	2.137	0.000	19250099	0.8762	209.6- 269.6	239.3	
			Average of Peak Amounts =			0.8705			
						RPD = 0.20			
8 PCB-1254									
1	100	3.079	3.079	0.000	37111493	0.9142		100.0	
1	2	3.725	3.726	-0.001	73753211	0.9545	163.6- 213.6	198.7	
1	3	4.006	4.007	-0.001	56999689	0.9398	127.7- 177.7	153.6	
1	4	4.198	4.198	0.000	48814551	0.9318	104.8- 154.8	131.5	
1	5	4.481	4.481	0.000	75738359	0.9504	169.3- 219.3	204.1	
			Average of Peak Amounts =			0.9381			
2	6	4.250	4.251	-0.001	35223941	0.9200		100.0	
2	7	4.726	4.726	0.000	56140440	0.9419	126.1- 186.1	159.4	
2	8	4.969	4.970	-0.001	40308263	0.9496	82.5- 142.5	114.4	
2	9	5.330	5.331	-0.001	44231974	0.9193	94.9- 154.9	125.6	
2	10	5.534	5.535	-0.001	53939397	0.9424	120.0- 180.0	153.1	
			Average of Peak Amounts =			0.9346			
						RPD = 0.38			

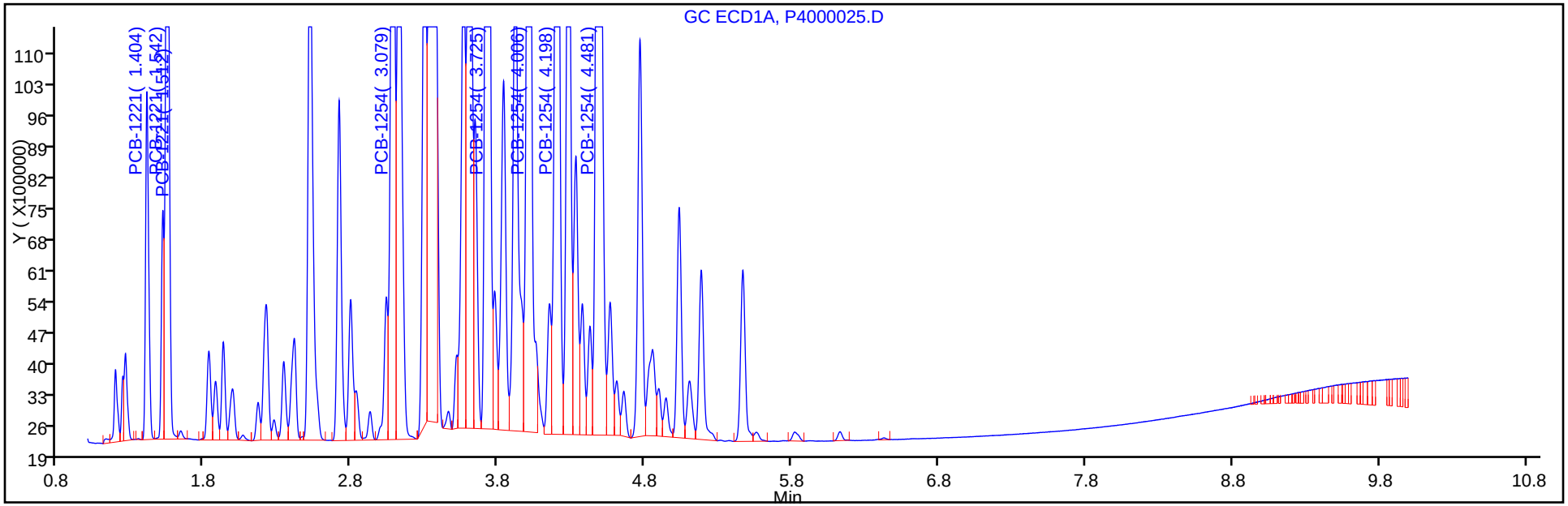
Report Date: 05-Dec-2012 06:33:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

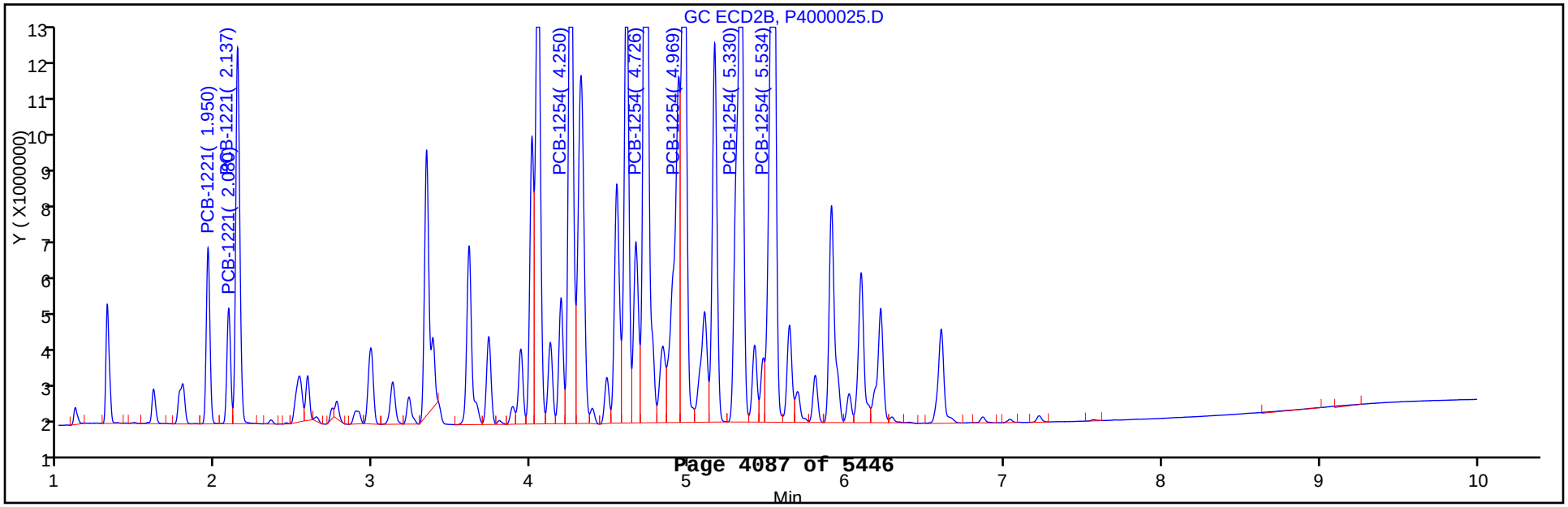
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000025.D

Injection Date:	04-Dec-2012 14:19:09	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000026.D
Lims ID: STD2 AR2154 Client ID:
Inject. Date: 04-Dec-2012 14:34:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015497-026
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 67207 Lims Sample ID: 26
Sublist: chrom-PCB4*sub4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:55 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.403	1.404	-0.001	22278432	1.68		100.0	
1	3	1.511	1.513	-0.002	12089046	1.70	26.9- 76.9	54.3	
1	4	1.541	1.541	0.000	55296655	1.66	229.8- 279.8	248.2	
			Average of Peak Amounts =			1.68			
2	4	1.949	1.951	-0.002	15274417	1.65		100.0	
2	5	2.080	2.080	0.000	10058836	1.62	38.8- 98.8	65.9	
2	6	2.136	2.137	-0.001	36755916	1.67	209.6- 269.6	240.6	
			Average of Peak Amounts =			1.65			
						RPD = 2.04			
8 PCB-1254									
1	100	3.077	3.079	-0.002	71939134	1.77		100.0	
1	2	3.725	3.726	-0.001	143951758	1.86	163.6- 213.6	200.1	
1	3	4.006	4.007	-0.001	112915541	1.86	127.7- 177.7	157.0	
1	4	4.197	4.198	-0.001	95266124	1.82	104.8- 154.8	132.4	
1	5	4.480	4.481	-0.001	148653788	1.87	169.3- 219.3	206.6	
			Average of Peak Amounts =			1.84			
2	6	4.251	4.251	0.000	68696012	1.79		100.0	
2	7	4.726	4.726	0.000	110402862	1.85	126.1- 186.1	160.7	
2	8	4.969	4.970	-0.001	78657595	1.85	82.5- 142.5	114.5	
2	9	5.330	5.331	-0.001	87513253	1.82	94.9- 154.9	127.4	
2	10	5.534	5.535	-0.001	106320527	1.86	120.0- 180.0	154.8	
			Average of Peak Amounts =			1.84			
						RPD = 0.05			

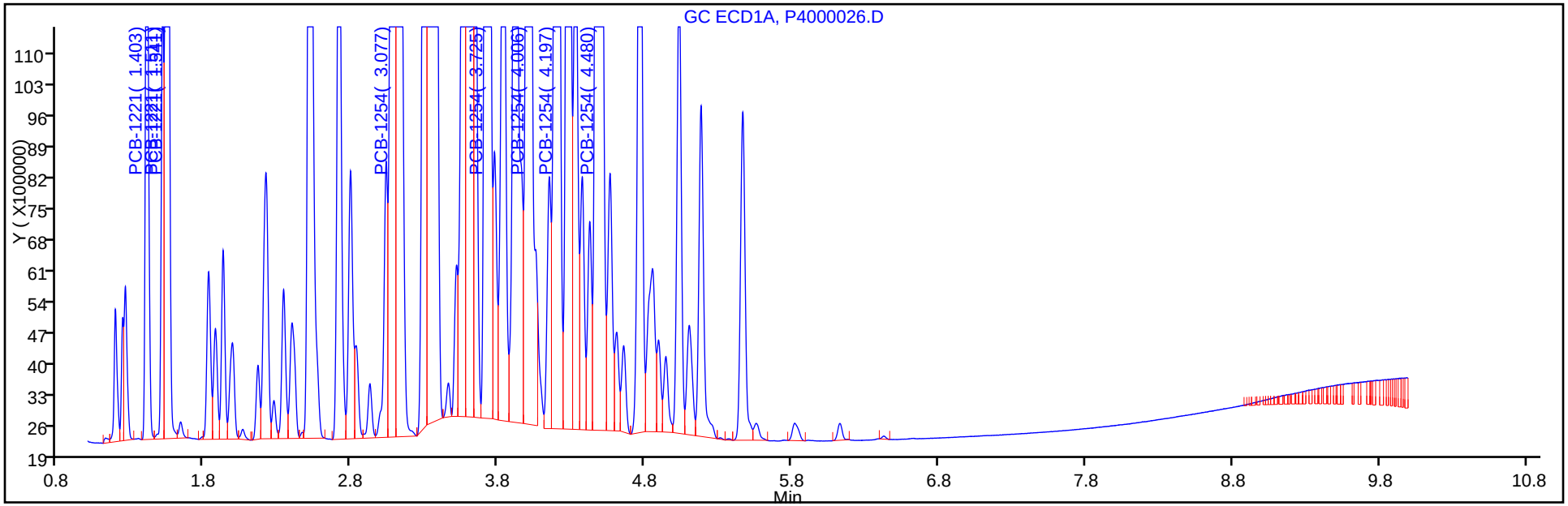
Report Date: 05-Dec-2012 06:33:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

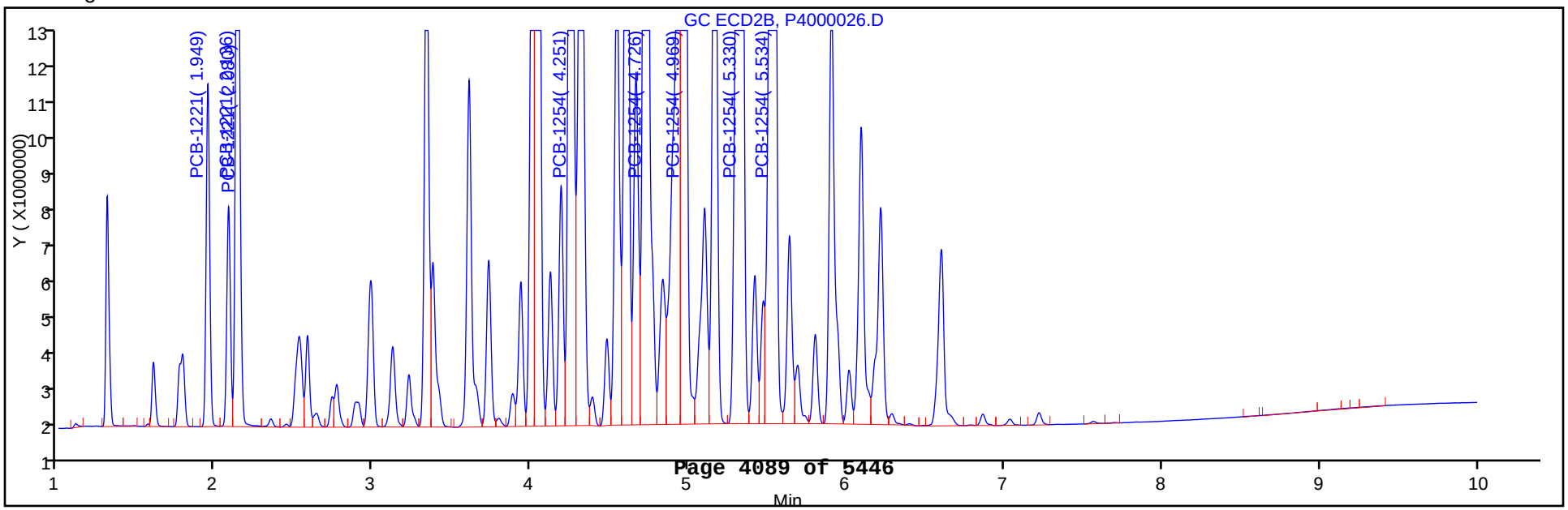
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000026.D

Injection Date:	04-Dec-2012 14:34:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 14:50 Calibration End Date: 12/04/2012 16:09 Calibration ID: 12592

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/27	P4000027.D
Level 2	STD01 240-67207/28	P4000028.D
Level 3	STD02 240-67207/29	P4000029.D
Level 4	STD05 240-67207/30	P4000030.D
Level 5	STD1 240-67207/31	P4000031.D
Level 6	STD2 240-67207/32	P4000032.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	1.542	1.542	1.542	1.541	1.542	1.542					1.441 - 1.641	1.542
PCB-1016 Peak 2	1.824	1.824	1.824	1.824	1.824	1.824					1.724 - 1.924	1.824
PCB-1016 Peak 3	2.215	2.215	2.215	2.216	2.215	2.215					2.116 - 2.316	2.215
PCB-1016 Peak 4	2.336	2.335	2.335	2.336	2.336	2.335					2.236 - 2.436	2.336
PCB-1016 Peak 5	2.716	2.715	2.715	2.716	2.714	2.715					2.616 - 2.816	2.715
PCB-1260 Peak 1	3.913	3.913	3.914	3.914	3.913	3.913					3.814 - 4.014	3.913
PCB-1260 Peak 2	4.199	4.199	4.200	4.199	4.199	4.199					4.099 - 4.299	4.199
PCB-1260 Peak 3	4.480	4.479	4.480	4.479	4.479	4.479					4.379 - 4.579	4.479
PCB-1260 Peak 4	5.181	5.181	5.180	5.181	5.180	5.180					5.081 - 5.281	5.181
PCB-1260 Peak 5	5.465	5.464	5.464	5.464	5.465	5.464					5.364 - 5.564	5.464
Tetrachloro-m-xylene	1.272	1.271	1.271	1.271	1.272	1.272					1.171 - 1.371	1.272
DCB Decachlorobiphenyl	6.622	6.621	6.621	6.622	6.622	6.622					6.522 - 6.722	6.622

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 14:50 Calibration End Date: 12/04/2012 16:09 Calibration ID: 12592

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/27	P4000027.D
Level 2	STD01 240-67207/28	P4000028.D
Level 3	STD02 240-67207/29	P4000029.D
Level 4	STD05 240-67207/30	P4000030.D
Level 5	STD1 240-67207/31	P4000031.D
Level 6	STD2 240-67207/32	P4000032.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	30747940 21328587	27727160 20278751	25585340	22547422	Ave		24702533.3				16.0		20.0			
PCB-1016 Peak 2	53911280 38818543	49147810 36747910	45377630	40908726	Ave		44151983.2				15.0		20.0			
PCB-1016 Peak 3	102241700 85671242	97007740 83376050	92009785	87034968	Ave		91223580.8				8.0		20.0			
PCB-1016 Peak 4	47148880 36665502	44168400 35716675	41044205	37874432	Ave		40436348.9				11.0		20.0			
PCB-1016 Peak 5	47208680 36479931	44410660 35600612	41238785	38083096	Ave		40503627.3				11.0		20.0			
PCB-1260 Peak 1	69206360 54069980	64141510 52961623	59436170	56244510	Ave		59343358.8				11.0		20.0			
PCB-1260 Peak 2	123258020 98843004	115416660 96579884	107737475	102547768	Ave		107397135				9.6		20.0			
PCB-1260 Peak 3	125279300 102731375	117150420 101206289	109741565	105530956	Ave		110273317				8.5		20.0			
PCB-1260 Peak 4	136654300 118290242	130327380 117276141	123841595	121180074	Ave		124594955				6.0		20.0			
PCB-1260 Peak 5	73728520 62439749	70350550 62040465	66546310	63949508	Ave		66509183.7				7.1		20.0			
Tetrachloro-m-xylene	1557005200 1315943100	1466196200 1267026200	1414593400	1340387800	Ave		1393525317				7.7		20.0			
DCB Decachlorobiphenyl	1501990000 1187995320	1390720000 1164942840	1319796500	1233285440	Ave		1299788350				10.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 14:50 Calibration End Date: 12/04/2012 16:09 Calibration ID: 12592

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/27	P4000027.D
Level 2	STD01 240-67207/28	P4000028.D
Level 3	STD02 240-67207/29	P4000029.D
Level 4	STD05 240-67207/30	P4000030.D
Level 5	STD1 240-67207/31	P4000031.D
Level 6	STD2 240-67207/32	P4000032.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	1537397 40557501	2772716	5117068	11273711	21328587	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	Ave	2695564 73495820	4914781	9075526	20454363	38818543	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	Ave	5112085 166752099	9700774	18401957	43517484	85671242	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	Ave	2357444 71433349	4416840	8208841	18937216	36665502	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	Ave	2360434 71201223	4441066	8247757	19041548	36479931	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	Ave	3460318 105923246	6414151	11887234	28122255	54069980	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	Ave	6162901 193159768	11541666	21547495	51273884	98843004	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	Ave	6263965 202412577	11715042	21948313	52765478	102731375	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	Ave	6832715 234552281	13032738	24768319	60590037	118290242	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	Ave	3686426 124080930	7035055	13309262	31974754	62439749	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	Ave	3892513 126702620	7330981	14145934	33509695	65797155	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	Ave	3754975 116494284	6953600	13197965	30832136	59399766	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000027.D
Lims ID: STD005 1660 Client ID:
Inject. Date: 04-Dec-2012 14:50:37 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015497-027
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 27
Lims Batch ID: 67207 Lims Sample ID: 27
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:53 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.272	1.271	0.001	3892513	0.002793			
2	2	1.674	1.674	0.000	2448339	0.002708			
						RPD = 3.10			
6 PCB-1016									
1	100	1.542	1.541	0.001	1537397	0.0622		100.0	
1	2	1.824	1.824	0.000	2695564	0.0611	152.4- 202.4	175.3	
1	3	2.215	2.216	-0.001	5112085	0.0560	334.6- 384.6	332.5	
1	4	2.336	2.336	0.000	2357444	0.0583	125.4- 195.4	153.3	
1	5	2.716	2.716	0.000	2360434	0.0583	136.2- 186.2	153.5	
			Average of Peak Amounts =			0.0592			
2	6	2.136	2.136	0.000	983141	0.0622		100.0	
2	7	2.532	2.531	0.001	1899861	0.0604	169.0- 229.0	193.2	
2	8	2.981	2.981	0.000	3578921	0.0566	361.2- 421.2	364.0	
2	9	3.119	3.120	-0.001	1673247	0.0606	144.4- 204.4	170.2	
2	10	3.223	3.223	0.000	1289395	0.0590	108.9- 168.9	131.2	
			Average of Peak Amounts =			0.0598			
						RPD = 1.00			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.914	-0.001	3460318	0.0583		100.0	
1	2	4.199	4.199	0.000	6162901	0.0574	156.3- 206.3	178.1	
1	3	4.480	4.479	0.001	6263965	0.0568	159.6- 209.6	181.0	
1	4	5.181	5.181	0.000	6832715	0.0548	183.4- 233.4	197.5	
1	5	5.465	5.464	0.001	3686426	0.0554	87.0- 137.0	106.5	
			Average of Peak Amounts =			0.0566			
2	6	4.934	4.933	0.001	2652110	0.0583		100.0	
2	7	5.163	5.162	0.001	3277021	0.0600	86.9- 146.9	123.6	
2	8	5.532	5.530	0.002	4563313	0.0566	145.2- 205.2	172.1	
2	9	6.216	6.216	0.000	5375721	0.0555	177.4- 237.4	202.7	
2	10	6.598	6.598	0.000	4073986	0.0567	125.7- 185.7	153.6	
			Average of Peak Amounts =			0.0574			
						RPD = 1.54			
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.622	0.000	3754975	0.002889			
2	2	7.836	7.835	0.001	2907230	0.002933			
						RPD = 1.52			

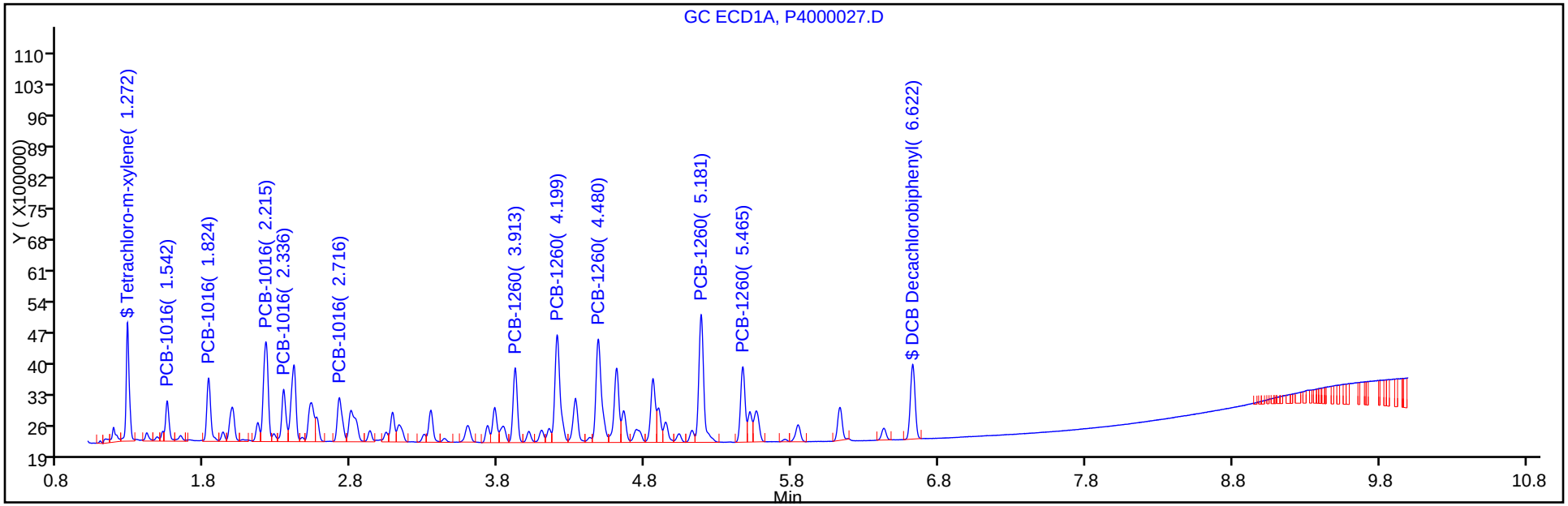
Report Date: 05-Dec-2012 06:33:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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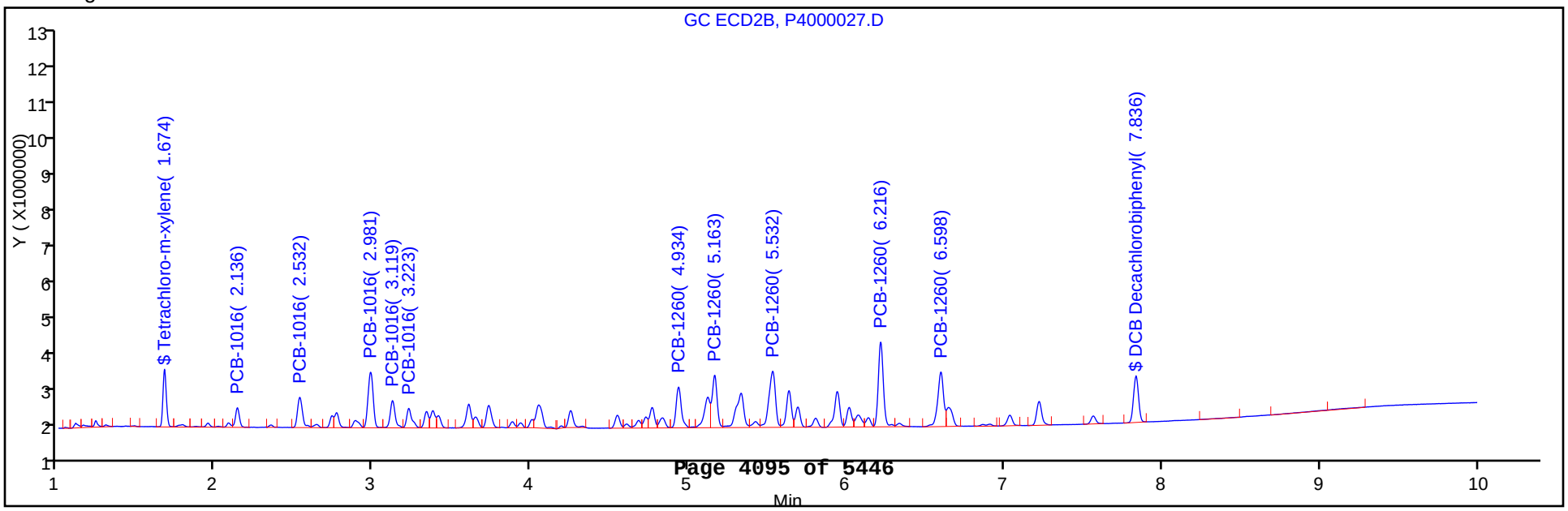
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000027.D

Injection Date:	04-Dec-2012 14:50:37	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000028.D
Lims ID: STD01 1660 Client ID:
Inject. Date: 04-Dec-2012 15:06:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015497-028
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 28
Lims Batch ID: 67207 Lims Sample ID: 28
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:52 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.271	0.000	7330981	0.005261			
2	2	1.674	1.674	0.000	4664354	0.005159			
						RPD = 1.95			
6 PCB-1016									
1	100	1.542	1.541	0.001	2772716	0.1122		100.0	
1	2	1.824	1.824	0.000	4914781	0.1113	152.4- 202.4	177.3	
1	3	2.215	2.216	-0.001	9700774	0.1063	334.6- 384.6	349.9	
1	4	2.335	2.336	-0.001	4416840	0.1092	125.4- 195.4	159.3	
1	5	2.715	2.716	-0.001	4441066	0.1096	136.2- 186.2	160.2	
			Average of Peak Amounts =			0.1098			
2	6	2.135	2.136	-0.001	1794154	0.1135		100.0	
2	7	2.531	2.531	0.000	3525956	0.1121	169.0- 229.0	196.5	
2	8	2.981	2.981	0.000	6622745	0.1048	361.2- 421.2	369.1	
2	9	3.120	3.120	0.000	2921117	0.1058	144.4- 204.4	162.8	
2	10	3.223	3.223	0.000	2285952	0.1046	108.9- 168.9	127.4	
			Average of Peak Amounts =			0.1082			
						RPD = 1.45			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.914	-0.001	6414151	0.1081		100.0	
1	2	4.199	4.199	0.000	11541666	0.1075	156.3- 206.3	179.9	
1	3	4.479	4.479	0.000	11715042	0.1062	159.6- 209.6	182.6	
1	4	5.181	5.181	0.000	13032738	0.1046	183.4- 233.4	203.2	
1	5	5.464	5.464	0.000	7035055	0.1058	87.0- 137.0	109.7	
			Average of Peak Amounts =			0.1064			
2	6	4.934	4.933	0.001	4983158	0.1095		100.0	
2	7	5.162	5.162	0.000	6144099	0.1126	86.9- 146.9	123.3	
2	8	5.530	5.530	0.000	8596348	0.1066	145.2- 205.2	172.5	
2	9	6.215	6.216	-0.001	10051993	0.1038	177.4- 237.4	201.7	
2	10	6.598	6.598	0.000	7616673	0.1061	125.7- 185.7	152.8	
			Average of Peak Amounts =			0.1077			
						RPD = 1.19			
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.622	-0.001	6953600	0.005350			
2	2	7.835	7.835	0.000	5388719	0.005437			
						RPD = 1.61			

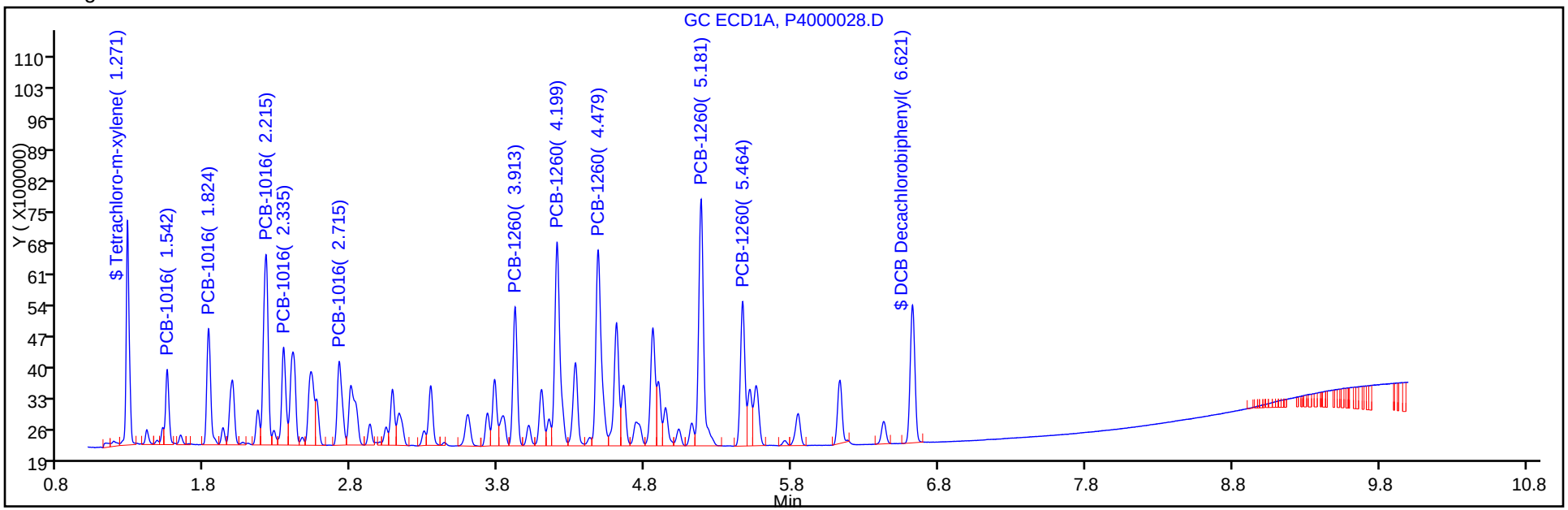
Report Date: 05-Dec-2012 06:33:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

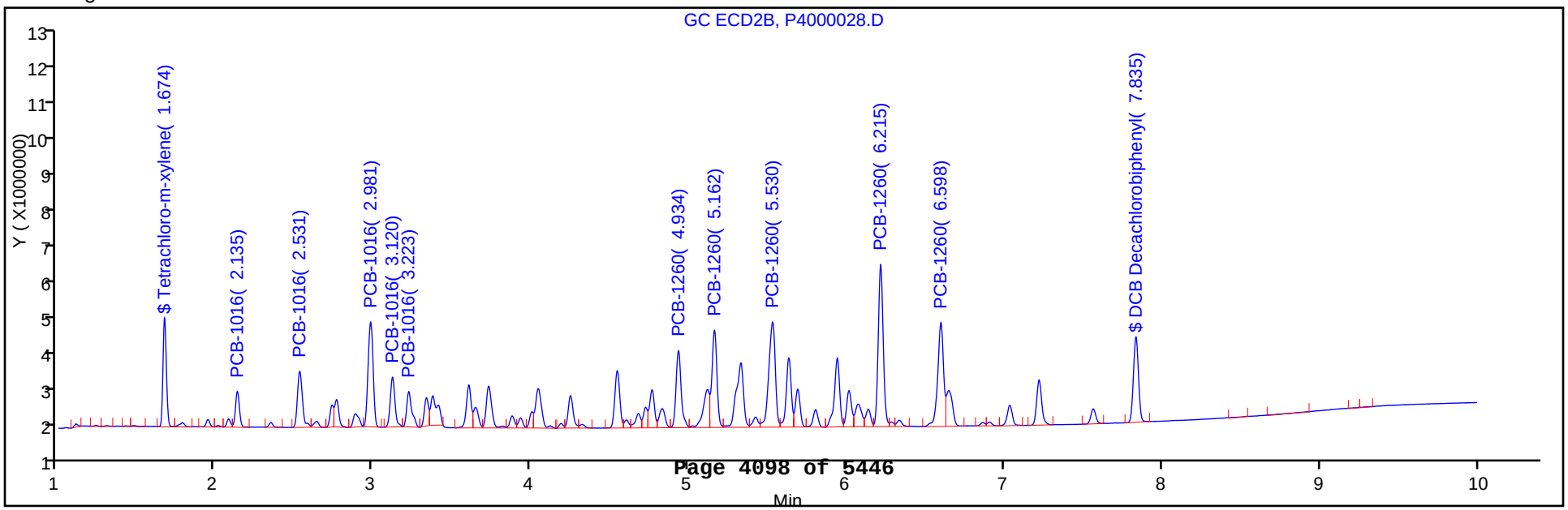
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000028.D

Injection Date:	04-Dec-2012 15:06:19	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000029.D
Lims ID: STD02 1660 Client ID:
Inject. Date: 04-Dec-2012 15:22:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015497-029
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 29
Lims Batch ID: 67207 Lims Sample ID: 29
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:50 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.271	0.000	14145934	0.0102			
2	2	1.674	1.674	0.000	9127926	0.0101			
						RPD = 0.54			
6 PCB-1016									
1	100	1.542	1.541	0.001	5117068	0.2071		100.0	
1	2	1.824	1.824	0.000	9075526	0.2056	152.4- 202.4	177.4	
1	3	2.215	2.216	-0.001	18401957	0.2017	334.6- 384.6	359.6	
1	4	2.335	2.336	-0.001	8208841	0.2030	125.4- 195.4	160.4	
1	5	2.715	2.716	-0.001	8247757	0.2036	136.2- 186.2	161.2	
			Average of Peak Amounts =			0.2042			
2	6	2.135	2.136	-0.001	3274215	0.2071		100.0	
2	7	2.530	2.531	-0.001	6516512	0.2073	169.0- 229.0	199.0	
2	8	2.980	2.981	-0.001	12809702	0.2027	361.2- 421.2	391.2	
2	9	3.120	3.120	0.000	5708663	0.2068	144.4- 204.4	174.4	
2	10	3.224	3.223	0.001	4546606	0.2081	108.9- 168.9	138.9	
			Average of Peak Amounts =			0.2064			
						RPD = 1.07			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.914	3.914	0.000	11887234	0.2003		100.0	
1	2	4.200	4.199	0.001	21547495	0.2006	156.3- 206.3	181.3	
1	3	4.480	4.479	0.001	21948313	0.1990	159.6- 209.6	184.6	
1	4	5.180	5.181	-0.001	24768319	0.1988	183.4- 233.4	208.4	
1	5	5.464	5.464	0.000	13309262	0.2001	87.0- 137.0	112.0	
			Average of Peak Amounts =			0.1998			
2	6	4.934	4.933	0.001	9185114	0.2017		100.0	
2	7	5.162	5.162	0.000	10739163	0.1968	86.9- 146.9	116.9	
2	8	5.530	5.530	0.000	16096894	0.1996	145.2- 205.2	175.2	
2	9	6.216	6.216	0.000	19053029	0.1968	177.4- 237.4	207.4	
2	10	6.598	6.598	0.000	14302620	0.1992	125.7- 185.7	155.7	
			Average of Peak Amounts =			0.1988			
						RPD = 0.48			
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.622	-0.001	13197965	0.0102			
2	2	7.835	7.835	0.000	10160505	0.0103			
						RPD = 0.95			

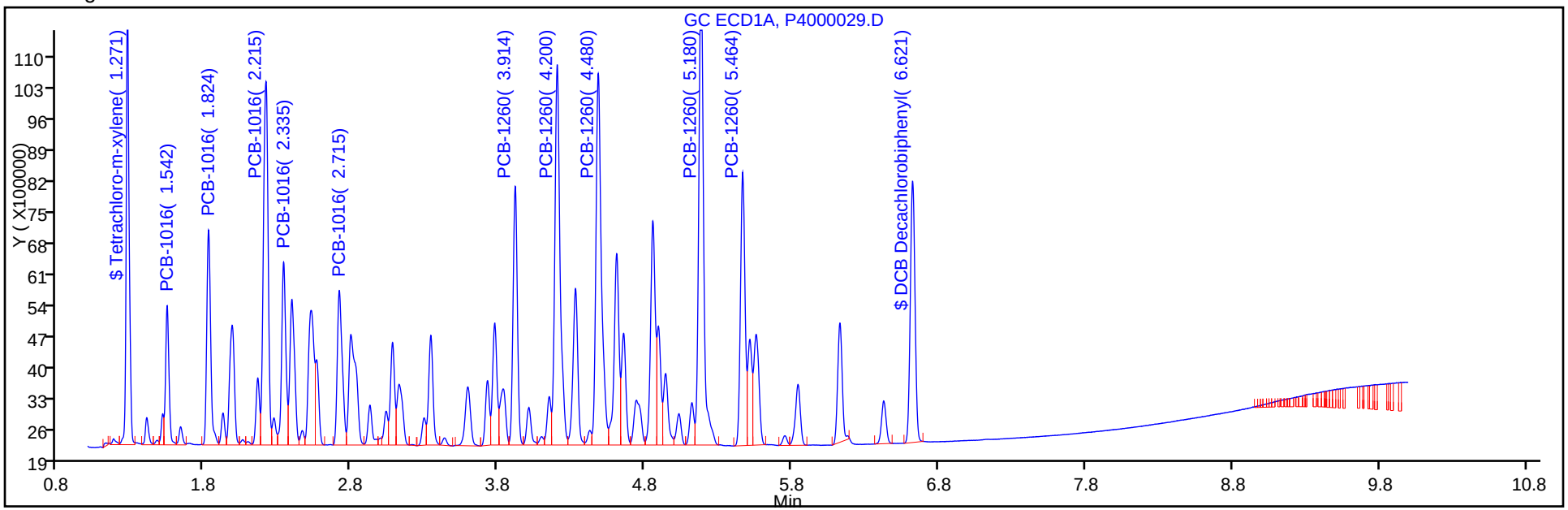
Report Date: 05-Dec-2012 06:33:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

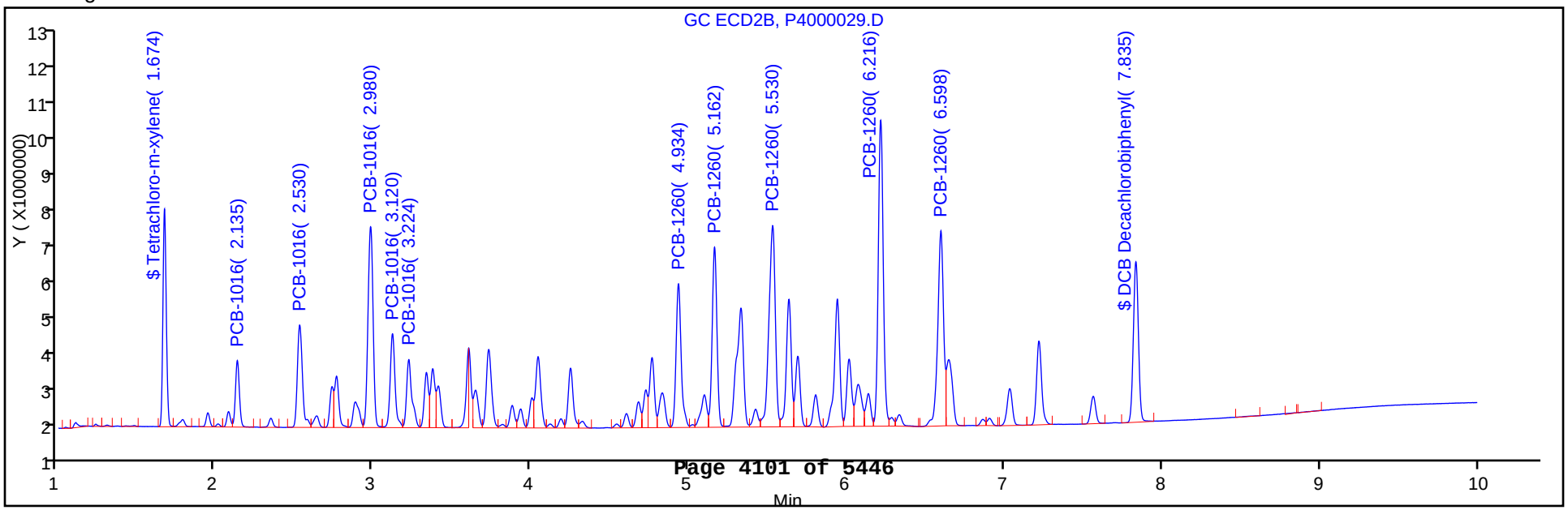
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000029.D

Injection Date:	04-Dec-2012 15:22:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000030.D
Lims ID: STD05 1660 Client ID:
Inject. Date: 04-Dec-2012 15:37:54 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 4
Sample ID: 240-0015497-030
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 67207 Lims Sample ID: 30
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:49 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.271	0.000	33509695	0.0240			
2	2	1.674	1.674	0.000	21803636	0.0241			
						RPD = 0.29			
6 PCB-1016									
1	100	1.541	1.541	0.000	11273711	0.4564		100.0	
1	2	1.824	1.824	0.000	20454363	0.4633	152.4- 202.4	181.4	
1	3	2.216	2.216	0.000	43517484	0.4770	334.6- 384.6	386.0	
1	4	2.336	2.336	0.000	18937216	0.4683	125.4- 195.4	168.0	
1	5	2.716	2.716	0.000	19041548	0.4701	136.2- 186.2	168.9	
			Average of Peak Amounts =			0.4670			
2	6	2.136	2.136	0.000	7239720	0.4580		100.0	
2	7	2.531	2.531	0.000	14603311	0.4645	169.0- 229.0	201.7	
2	8	2.981	2.981	0.000	30163761	0.4773	361.2- 421.2	416.6	
2	9	3.120	3.120	0.000	12998493	0.4708	144.4- 204.4	179.5	
2	10	3.223	3.223	0.000	10370107	0.4747	108.9- 168.9	143.2	
			Average of Peak Amounts =			0.4691			
						RPD = 0.43			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.914	3.914	0.000	28122255	0.4739		100.0	
1	2	4.199	4.199	0.000	51273884	0.4774	156.3- 206.3	182.3	
1	3	4.479	4.479	0.000	52765478	0.4785	159.6- 209.6	187.6	
1	4	5.181	5.181	0.000	60590037	0.4863	183.4- 233.4	215.5	
1	5	5.464	5.464	0.000	31974754	0.4808	87.0- 137.0	113.7	
			Average of Peak Amounts =			0.4794			
2	6	4.933	4.933	0.000	21322575	0.4683		100.0	
2	7	5.162	5.162	0.000	25175972	0.4613	86.9- 146.9	118.1	
2	8	5.530	5.530	0.000	38354268	0.4756	145.2- 205.2	179.9	
2	9	6.216	6.216	0.000	47421524	0.4899	177.4- 237.4	222.4	
2	10	6.598	6.598	0.000	34199543	0.4763	125.7- 185.7	160.4	
			Average of Peak Amounts =			0.4743			
						RPD = 1.07			
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.622	0.000	30832136	0.0237			
2	2	7.835	7.835	0.000	23297826	0.0235			
						RPD = 0.92			

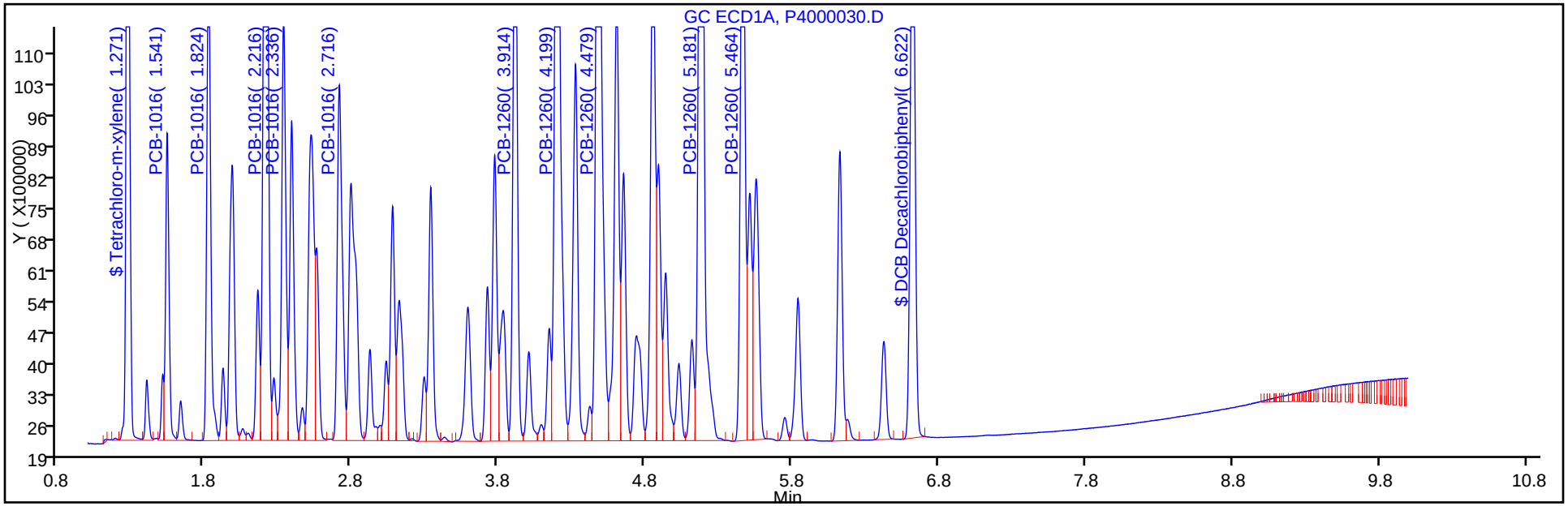
Report Date: 05-Dec-2012 06:33:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

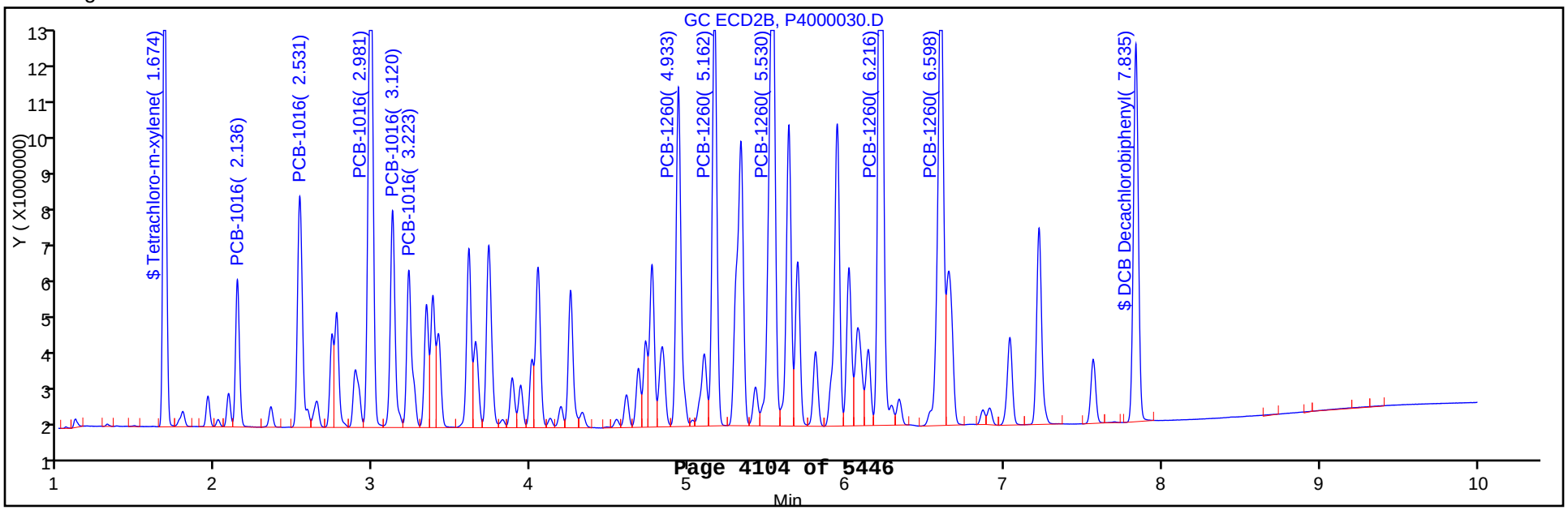
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Injection Date:	04-Dec-2012 15:37:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000031.D		
Lims ID:	STD1 1660	Client ID:	
Inject. Date:	04-Dec-2012 15:53:40	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015497-031		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	67207	Lims Sample ID:	31
Sublist:	chrom-PCB4*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m		
Last Update:	05-Dec-2012 06:33:47	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK010		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.272	1.271	0.001	65797155	0.0472			
2	2	1.673	1.674	-0.001	43413295	0.0480			
						RPD = 1.68			
6 PCB-1016									
1	100	1.542	1.541	0.001	21328587	0.8634		100.0	
1	2	1.824	1.824	0.000	38818543	0.8792	152.4- 202.4	182.0	
1	3	2.215	2.216	-0.001	85671242	0.9391	334.6- 384.6	401.7	
1	4	2.336	2.336	0.000	36665502	0.9067	125.4- 195.4	171.9	
1	5	2.714	2.716	-0.002	36479931	0.9007	136.2- 186.2	171.0	
			Average of Peak Amounts =			0.8978			
2	6	2.136	2.136	0.000	13569652	0.8584		100.0	
2	7	2.531	2.531	0.000	27596753	0.8778	169.0- 229.0	203.4	
2	8	2.982	2.981	0.001	59214307	0.9369	361.2- 421.2	436.4	
2	9	3.120	3.120	0.000	24858586	0.9004	144.4- 204.4	183.2	
2	10	3.223	3.223	0.000	19939646	0.9128	108.9- 168.9	146.9	
			Average of Peak Amounts =			0.8973			
						RPD = 0.06			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.914	-0.001	54069980	0.9111		100.0	
1	2	4.199	4.199	0.000	98843004	0.9204	156.3- 206.3	182.8	
1	3	4.479	4.479	0.000	102731375	0.9316	159.6- 209.6	190.0	
1	4	5.180	5.181	-0.001	118290242	0.9494	183.4- 233.4	218.8	
1	5	5.465	5.464	0.001	62439749	0.9388	87.0- 137.0	115.5	
			Average of Peak Amounts =			0.9303			
2	6	4.933	4.933	0.000	41227678	0.9055		100.0	
2	7	5.161	5.162	-0.001	48465228	0.8880	86.9- 146.9	117.6	
2	8	5.530	5.530	0.000	74962784	0.9295	145.2- 205.2	181.8	
2	9	6.214	6.216	-0.002	91317845	0.9434	177.4- 237.4	221.5	
2	10	6.597	6.598	-0.001	66732822	0.9294	125.7- 185.7	161.9	
			Average of Peak Amounts =			0.9192			
						RPD = 1.20			
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.622	0.000	59399766	0.0457			
2	2	7.833	7.835	-0.002	44431440	0.0448			
						RPD = 1.93			

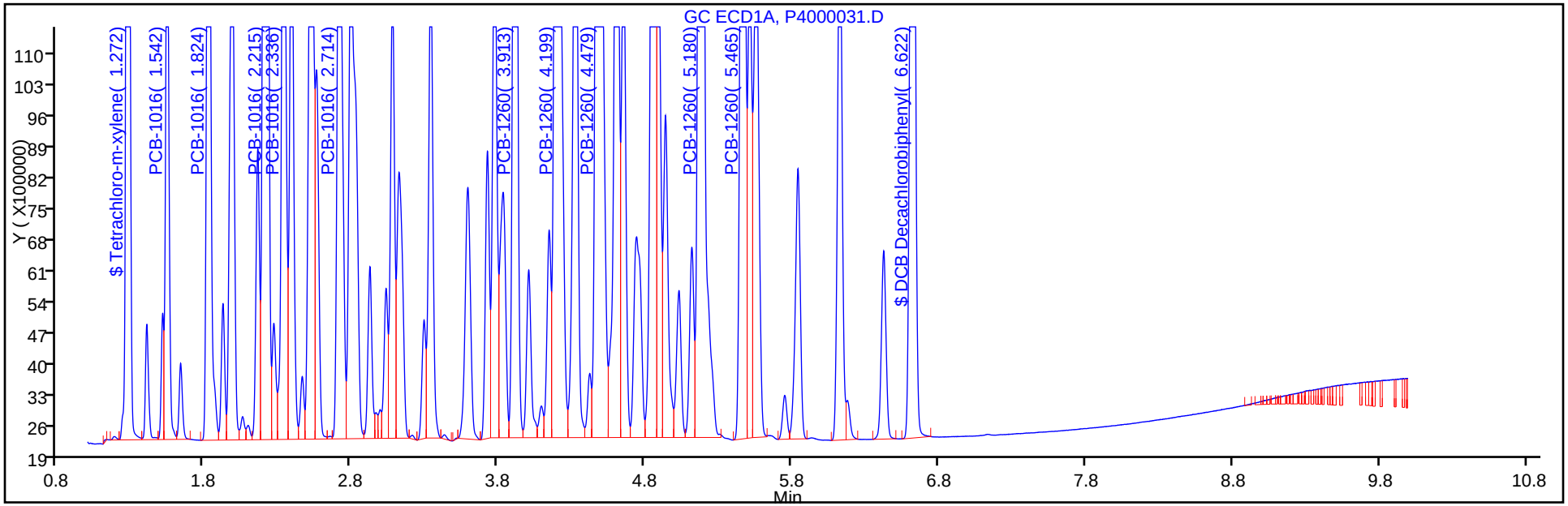
Report Date: 05-Dec-2012 06:33:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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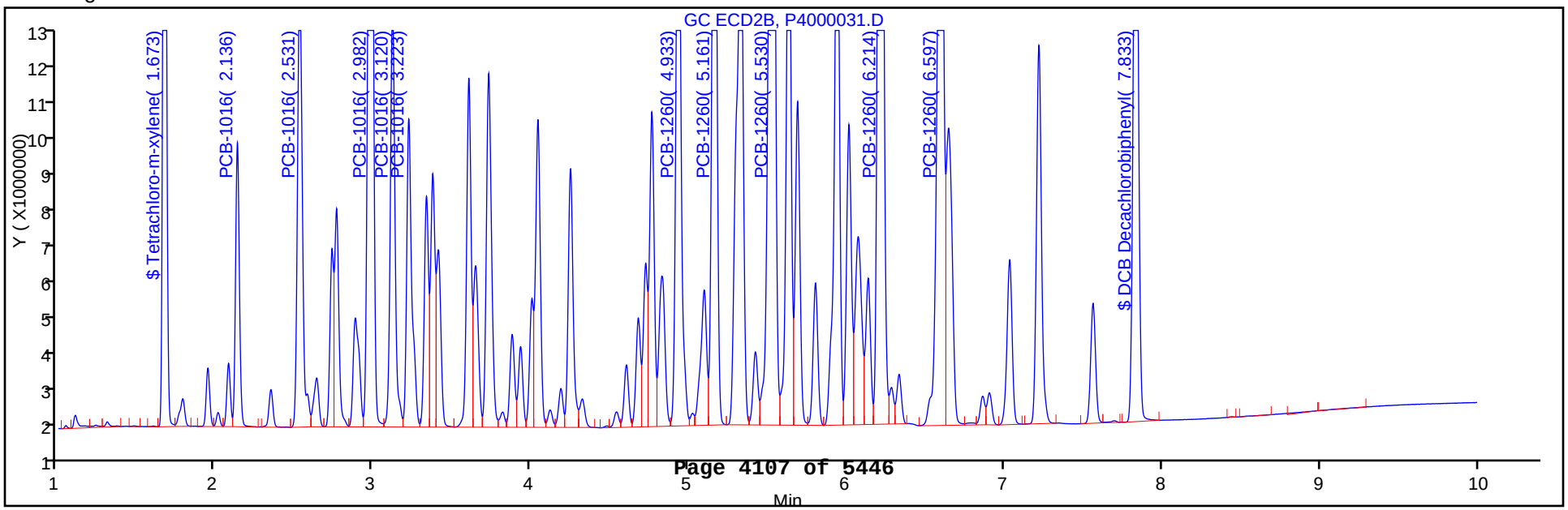
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000031.D

Injection Date:	04-Dec-2012 15:53:40	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000032.D
Lims ID: STD2 1660 Client ID:
Inject. Date: 04-Dec-2012 16:09:22 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015497-032
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 32
Lims Batch ID: 67207 Lims Sample ID: 32
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:45 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.272	1.271	0.001	126702620	0.0909			
2	2	1.674	1.674	0.000	85916290	0.0950			
						RPD = 4.42			
6 PCB-1016									
1	100	1.542	1.541	0.001	40557501	1.64		100.0	
1	2	1.824	1.824	0.000	73495820	1.66	152.4- 202.4	181.2	
1	3	2.215	2.216	-0.001	166752099	1.83	334.6- 384.6	411.1	
1	4	2.335	2.336	-0.001	71433349	1.77	125.4- 195.4	176.1	
1	5	2.715	2.716	-0.001	71201223	1.76	136.2- 186.2	175.6	
			Average of Peak Amounts =			1.73			
2	6	2.135	2.136	-0.001	25636975	1.62		100.0	
2	7	2.531	2.531	0.000	51994716	1.65	169.0- 229.0	202.8	
2	8	2.982	2.981	0.001	115611041	1.83	361.2- 421.2	451.0	
2	9	3.120	3.120	0.000	47139896	1.71	144.4- 204.4	183.9	
2	10	3.223	3.223	0.000	38022071	1.74	108.9- 168.9	148.3	
			Average of Peak Amounts =			1.71			
						RPD = 1.23			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.914	-0.001	105923246	1.78		100.0	
1	2	4.199	4.199	0.000	193159768	1.80	156.3- 206.3	182.4	
1	3	4.479	4.479	0.000	202412577	1.84	159.6- 209.6	191.1	
1	4	5.180	5.181	-0.001	234552281	1.88	183.4- 233.4	221.4	
1	5	5.464	5.464	0.000	124080930	1.87	87.0- 137.0	117.1	
			Average of Peak Amounts =			1.83			
2	6	4.934	4.933	0.001	80990541	1.78		100.0	
2	7	5.163	5.162	0.001	95971224	1.76	86.9- 146.9	118.5	
2	8	5.530	5.530	0.000	148972268	1.85	145.2- 205.2	183.9	
2	9	6.216	6.216	0.000	182602956	1.89	177.4- 237.4	225.5	
2	10	6.597	6.598	-0.001	133081377	1.85	125.7- 185.7	164.3	
			Average of Peak Amounts =			1.82			
						RPD = 0.47			
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.622	0.000	116494284	0.0896			
2	2	7.835	7.835	0.000	86995280	0.0878			
						RPD = 2.09			

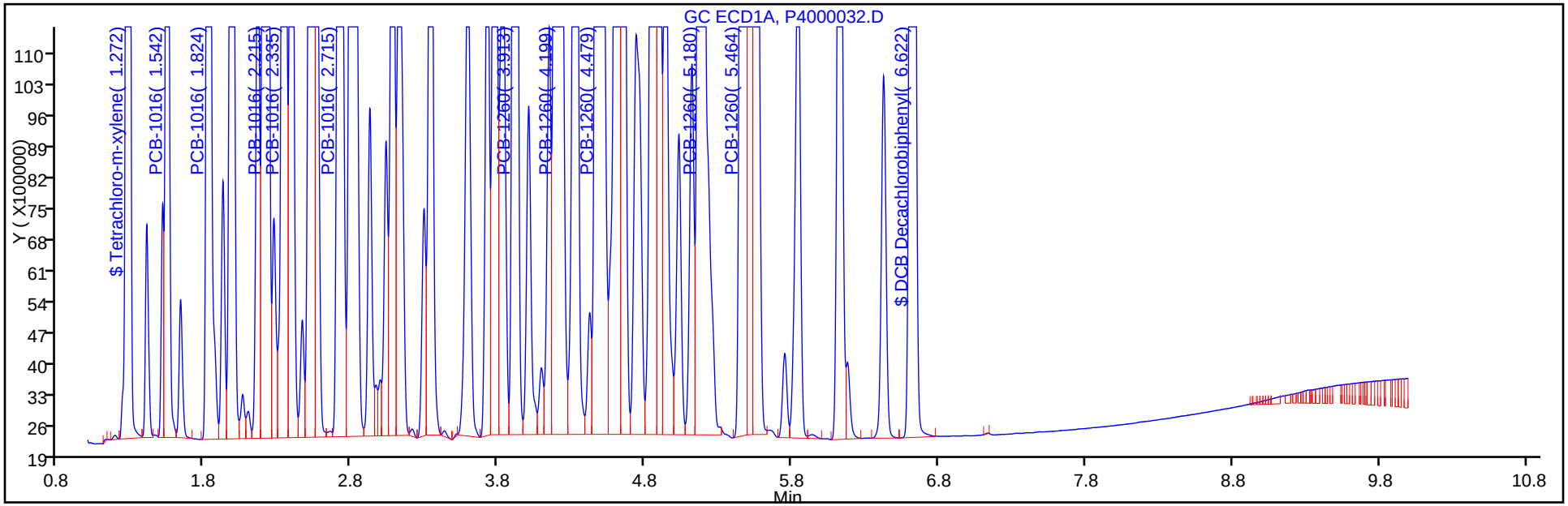
Report Date: 05-Dec-2012 06:33:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

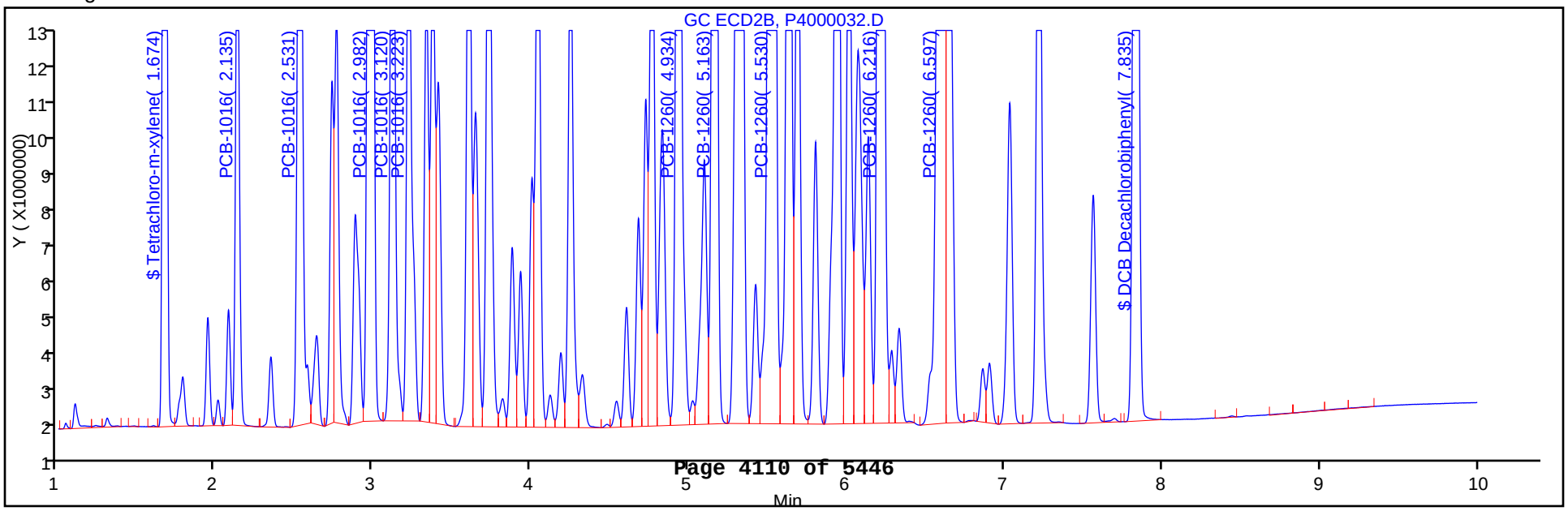
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000032.D

Injection Date:	04-Dec-2012 16:09:22	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 14:50 Calibration End Date: 12/04/2012 16:09 Calibration ID: 12593

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/27	P4000027.D
Level 2	STD01 240-67207/28	P4000028.D
Level 3	STD02 240-67207/29	P4000029.D
Level 4	STD05 240-67207/30	P4000030.D
Level 5	STD1 240-67207/31	P4000031.D
Level 6	STD2 240-67207/32	P4000032.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1016 Peak 1	2.136	2.135	2.135	2.136	2.136	2.135					2.036 - 2.236	2.136
PCB-1016 Peak 2	2.532	2.531	2.530	2.531	2.531	2.531					2.431 - 2.631	2.531
PCB-1016 Peak 3	2.981	2.981	2.980	2.981	2.982	2.982					2.881 - 3.081	2.981
PCB-1016 Peak 4	3.119	3.120	3.120	3.120	3.120	3.120					3.020 - 3.220	3.120
PCB-1016 Peak 5	3.223	3.223	3.224	3.223	3.223	3.223					3.123 - 3.323	3.223
PCB-1260 Peak 1	4.934	4.934	4.934	4.933	4.933	4.934					4.833 - 5.033	4.934
PCB-1260 Peak 2	5.163	5.162	5.162	5.162	5.161	5.163					5.062 - 5.262	5.162
PCB-1260 Peak 3	5.532	5.530	5.530	5.530	5.530	5.530					5.430 - 5.630	5.530
PCB-1260 Peak 4	6.216	6.215	6.216	6.216	6.214	6.216					6.116 - 6.316	6.216
PCB-1260 Peak 5	6.598	6.598	6.598	6.598	6.597	6.597					6.498 - 6.698	6.598
Tetrachloro-m-xylene	1.674	1.674	1.674	1.674	1.673	1.674					1.574 - 1.774	1.674
DCB Decachlorobiphenyl	7.836	7.835	7.835	7.835	7.833	7.835					7.735 - 7.935	7.835

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 14:50 Calibration End Date: 12/04/2012 16:09 Calibration ID: 12593

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/27	P4000027.D
Level 2	STD01 240-67207/28	P4000028.D
Level 3	STD02 240-67207/29	P4000029.D
Level 4	STD05 240-67207/30	P4000030.D
Level 5	STD1 240-67207/31	P4000031.D
Level 6	STD2 240-67207/32	P4000032.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	19662820 13569652	17941540 12818488	16371075	14479440	Ave		15807169.1				17.0		20.0			
PCB-1016 Peak 2	37997220 27596753	35259560 25997358	32582560	29206622	Ave		31440012.2				15.0		20.0			
PCB-1016 Peak 3	71578420 59214307	66227450 57805521	64048510	60327522	Ave		63200288.3				8.2		20.0			
PCB-1016 Peak 4	33464940 24858586	29211170 23569948	28543315	25996986	Ave		27607490.8				13.0		20.0			
PCB-1016 Peak 5	25787900 19939646	22859520 19011036	22733030	20740214	Ave		21845224.3				11.0		20.0			
PCB-1260 Peak 1	53042200 41227678	49831580 40495271	45925570	42645150	Ave		45527908.1				11.0		20.0			
PCB-1260 Peak 2	65540420 48465228	61440990 47985612	53695815	50351944	Ave		54580001.5				13.0		20.0			
PCB-1260 Peak 3	91266260 74962784	85963480 74486134	80484470	76708536	Ave		80645277.3				8.4		20.0			
PCB-1260 Peak 4	107514420 91317845	100519930 91301478	95265145	94843048	Ave		96793644.3				6.5		20.0			
PCB-1260 Peak 5	81479720 66732822	76166730 66540689	71513100	68399086	Ave		71805357.8				8.3		20.0			
Tetrachloro-m-xylene	979335600 868265900	932870800 859162900	912792600	872145440	Ave		904095540				5.2		20.0			
DCB Decachlorobiphenyl	1162892000 888628800	1077743800 869952800	1016050500	931913040	Ave		991196823				12.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 14:50 Calibration End Date: 12/04/2012 16:09 Calibration ID: 12593

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/27	P4000027.D
Level 2	STD01 240-67207/28	P4000028.D
Level 3	STD02 240-67207/29	P4000029.D
Level 4	STD05 240-67207/30	P4000030.D
Level 5	STD1 240-67207/31	P4000031.D
Level 6	STD2 240-67207/32	P4000032.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	983141 25636975	1794154	3274215	7239720	13569652	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 2	Ave	1899861 51994716	3525956	6516512	14603311	27596753	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 3	Ave	3578921 115611041	6622745	12809702	30163761	59214307	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 4	Ave	1673247 47139896	2921117	5708663	12998493	24858586	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1016 Peak 5	Ave	1289395 38022071	2285952	4546606	10370107	19939646	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 1	Ave	2652110 80990541	4983158	9185114	21322575	41227678	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 2	Ave	3277021 95971224	6144099	10739163	25175972	48465228	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 3	Ave	4563313 148972268	8596348	16096894	38354268	74962784	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 4	Ave	5375721 182602956	10051993	19053029	47421524	91317845	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1260 Peak 5	Ave	4073986 133081377	7616673	14302620	34199543	66732822	0.0500 2.00	0.100	0.200	0.500	1.00
Tetrachloro-m-xylene	Ave	2448339 85916290	4664354	9127926	21803636	43413295	0.00250 0.100	0.00500	0.0100	0.0250	0.0500
DCB Decachlorobiphenyl	Ave	2907230 86995280	5388719	10160505	23297826	44431440	0.00250 0.100	0.00500	0.0100	0.0250	0.0500

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000027.D
Lims ID: STD005 1660 Client ID:
Inject. Date: 04-Dec-2012 14:50:37 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015497-027
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 27
Lims Batch ID: 67207 Lims Sample ID: 27
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:53 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.272	1.271	0.001	3892513	0.002793			
2	2	1.674	1.674	0.000	2448339	0.002708			
						RPD = 3.10			
6 PCB-1016									
1	100	1.542	1.541	0.001	1537397	0.0622		100.0	
1	2	1.824	1.824	0.000	2695564	0.0611	152.4- 202.4	175.3	
1	3	2.215	2.216	-0.001	5112085	0.0560	334.6- 384.6	332.5	
1	4	2.336	2.336	0.000	2357444	0.0583	125.4- 195.4	153.3	
1	5	2.716	2.716	0.000	2360434	0.0583	136.2- 186.2	153.5	
			Average of Peak Amounts =			0.0592			
2	6	2.136	2.136	0.000	983141	0.0622		100.0	
2	7	2.532	2.531	0.001	1899861	0.0604	169.0- 229.0	193.2	
2	8	2.981	2.981	0.000	3578921	0.0566	361.2- 421.2	364.0	
2	9	3.119	3.120	-0.001	1673247	0.0606	144.4- 204.4	170.2	
2	10	3.223	3.223	0.000	1289395	0.0590	108.9- 168.9	131.2	
			Average of Peak Amounts =			0.0598			
						RPD = 1.00			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.914	-0.001	3460318	0.0583		100.0	
1	2	4.199	4.199	0.000	6162901	0.0574	156.3- 206.3	178.1	
1	3	4.480	4.479	0.001	6263965	0.0568	159.6- 209.6	181.0	
1	4	5.181	5.181	0.000	6832715	0.0548	183.4- 233.4	197.5	
1	5	5.465	5.464	0.001	3686426	0.0554	87.0- 137.0	106.5	
			Average of Peak Amounts =			0.0566			
2	6	4.934	4.933	0.001	2652110	0.0583		100.0	
2	7	5.163	5.162	0.001	3277021	0.0600	86.9- 146.9	123.6	
2	8	5.532	5.530	0.002	4563313	0.0566	145.2- 205.2	172.1	
2	9	6.216	6.216	0.000	5375721	0.0555	177.4- 237.4	202.7	
2	10	6.598	6.598	0.000	4073986	0.0567	125.7- 185.7	153.6	
			Average of Peak Amounts =			0.0574			
						RPD = 1.54			
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.622	0.000	3754975	0.002889			
2	2	7.836	7.835	0.001	2907230	0.002933			
						RPD = 1.52			

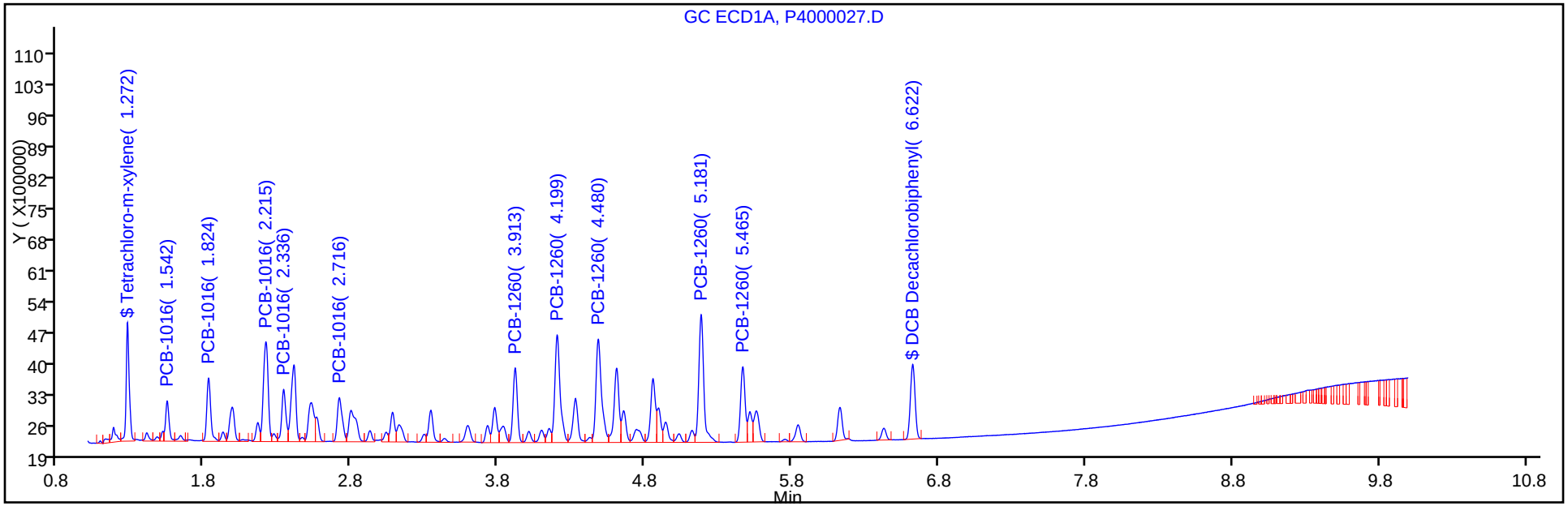
Report Date: 05-Dec-2012 06:33:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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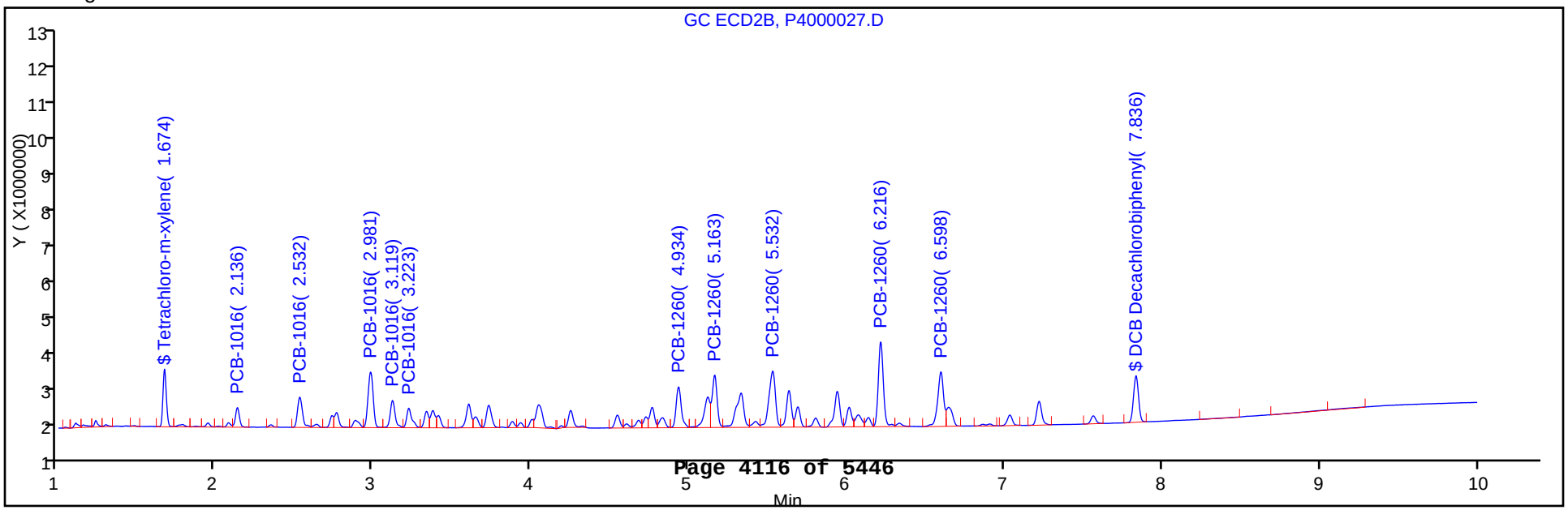
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000027.D

Injection Date:	04-Dec-2012 14:50:37	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000028.D
Lims ID: STD01 1660 Client ID:
Inject. Date: 04-Dec-2012 15:06:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015497-028
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 28
Lims Batch ID: 67207 Lims Sample ID: 28
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:52 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.271	0.000	7330981	0.005261			
2	2	1.674	1.674	0.000	4664354	0.005159			
						RPD = 1.95			
6 PCB-1016									
1	100	1.542	1.541	0.001	2772716	0.1122		100.0	
1	2	1.824	1.824	0.000	4914781	0.1113	152.4- 202.4	177.3	
1	3	2.215	2.216	-0.001	9700774	0.1063	334.6- 384.6	349.9	
1	4	2.335	2.336	-0.001	4416840	0.1092	125.4- 195.4	159.3	
1	5	2.715	2.716	-0.001	4441066	0.1096	136.2- 186.2	160.2	
			Average of Peak Amounts =			0.1098			
2	6	2.135	2.136	-0.001	1794154	0.1135		100.0	
2	7	2.531	2.531	0.000	3525956	0.1121	169.0- 229.0	196.5	
2	8	2.981	2.981	0.000	6622745	0.1048	361.2- 421.2	369.1	
2	9	3.120	3.120	0.000	2921117	0.1058	144.4- 204.4	162.8	
2	10	3.223	3.223	0.000	2285952	0.1046	108.9- 168.9	127.4	
			Average of Peak Amounts =			0.1082			
						RPD = 1.45			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.914	-0.001	6414151	0.1081		100.0	
1	2	4.199	4.199	0.000	11541666	0.1075	156.3- 206.3	179.9	
1	3	4.479	4.479	0.000	11715042	0.1062	159.6- 209.6	182.6	
1	4	5.181	5.181	0.000	13032738	0.1046	183.4- 233.4	203.2	
1	5	5.464	5.464	0.000	7035055	0.1058	87.0- 137.0	109.7	
			Average of Peak Amounts =			0.1064			
2	6	4.934	4.933	0.001	4983158	0.1095		100.0	
2	7	5.162	5.162	0.000	6144099	0.1126	86.9- 146.9	123.3	
2	8	5.530	5.530	0.000	8596348	0.1066	145.2- 205.2	172.5	
2	9	6.215	6.216	-0.001	10051993	0.1038	177.4- 237.4	201.7	
2	10	6.598	6.598	0.000	7616673	0.1061	125.7- 185.7	152.8	
			Average of Peak Amounts =			0.1077			
						RPD = 1.19			
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.622	-0.001	6953600	0.005350			
2	2	7.835	7.835	0.000	5388719	0.005437			
						RPD = 1.61			

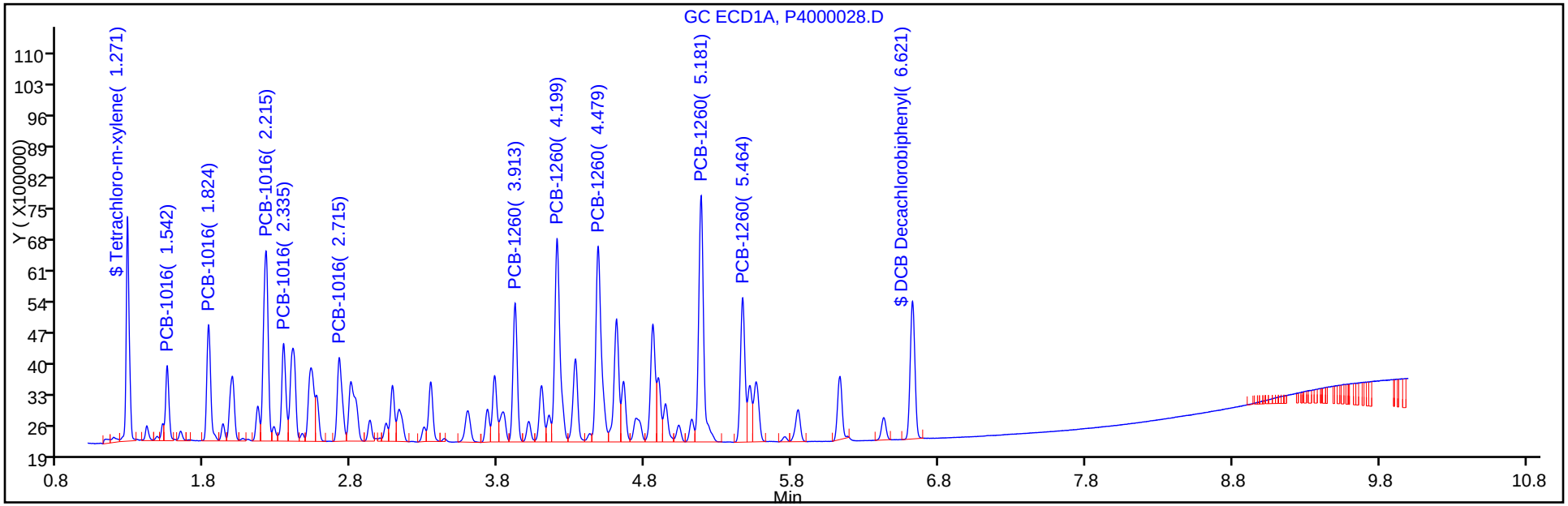
Report Date: 05-Dec-2012 06:33:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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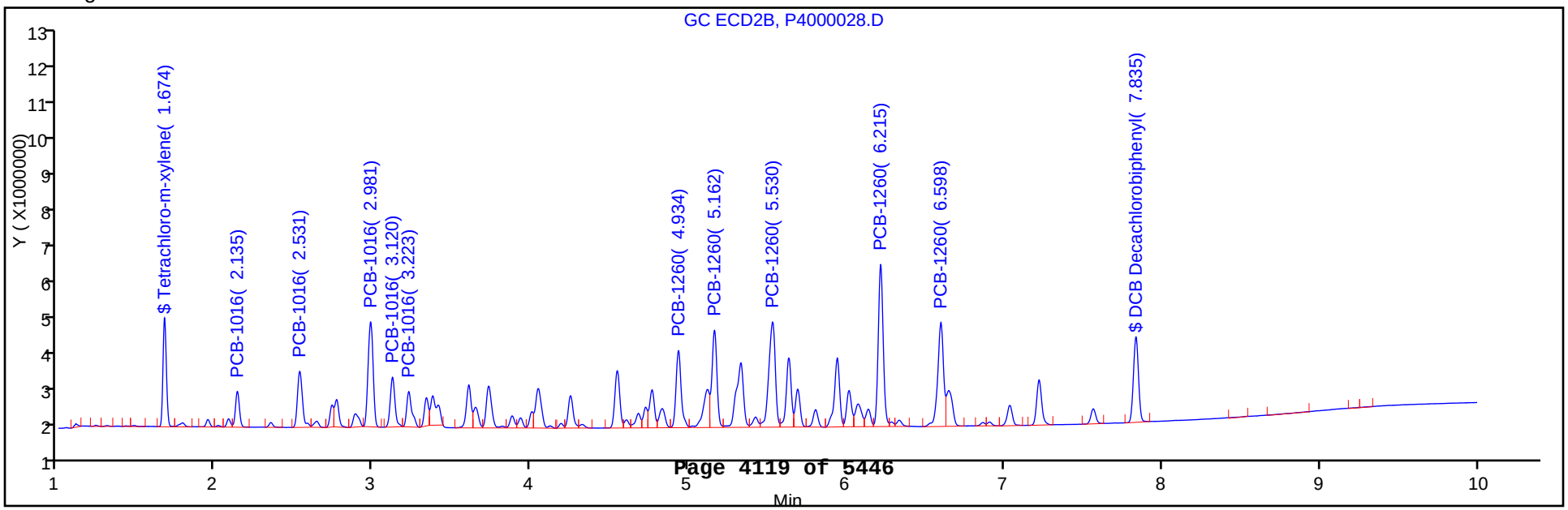
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000028.D

Injection Date:	04-Dec-2012 15:06:19	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000029.D
Lims ID: STD02 1660 Client ID:
Inject. Date: 04-Dec-2012 15:22:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015497-029
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 29
Lims Batch ID: 67207 Lims Sample ID: 29
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:50 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.271	0.000	14145934	0.0102			
2	2	1.674	1.674	0.000	9127926	0.0101			
						RPD = 0.54			
6 PCB-1016									
1	100	1.542	1.541	0.001	5117068	0.2071		100.0	
1	2	1.824	1.824	0.000	9075526	0.2056	152.4- 202.4	177.4	
1	3	2.215	2.216	-0.001	18401957	0.2017	334.6- 384.6	359.6	
1	4	2.335	2.336	-0.001	8208841	0.2030	125.4- 195.4	160.4	
1	5	2.715	2.716	-0.001	8247757	0.2036	136.2- 186.2	161.2	
			Average of Peak Amounts =			0.2042			
2	6	2.135	2.136	-0.001	3274215	0.2071		100.0	
2	7	2.530	2.531	-0.001	6516512	0.2073	169.0- 229.0	199.0	
2	8	2.980	2.981	-0.001	12809702	0.2027	361.2- 421.2	391.2	
2	9	3.120	3.120	0.000	5708663	0.2068	144.4- 204.4	174.4	
2	10	3.224	3.223	0.001	4546606	0.2081	108.9- 168.9	138.9	
			Average of Peak Amounts =			0.2064			
						RPD = 1.07			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.914	3.914	0.000	11887234	0.2003		100.0	
1	2	4.200	4.199	0.001	21547495	0.2006	156.3- 206.3	181.3	
1	3	4.480	4.479	0.001	21948313	0.1990	159.6- 209.6	184.6	
1	4	5.180	5.181	-0.001	24768319	0.1988	183.4- 233.4	208.4	
1	5	5.464	5.464	0.000	13309262	0.2001	87.0- 137.0	112.0	
			Average of Peak Amounts =			0.1998			
2	6	4.934	4.933	0.001	9185114	0.2017		100.0	
2	7	5.162	5.162	0.000	10739163	0.1968	86.9- 146.9	116.9	
2	8	5.530	5.530	0.000	16096894	0.1996	145.2- 205.2	175.2	
2	9	6.216	6.216	0.000	19053029	0.1968	177.4- 237.4	207.4	
2	10	6.598	6.598	0.000	14302620	0.1992	125.7- 185.7	155.7	
			Average of Peak Amounts =			0.1988			
						RPD = 0.48			
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.622	-0.001	13197965	0.0102			
2	2	7.835	7.835	0.000	10160505	0.0103			
						RPD = 0.95			

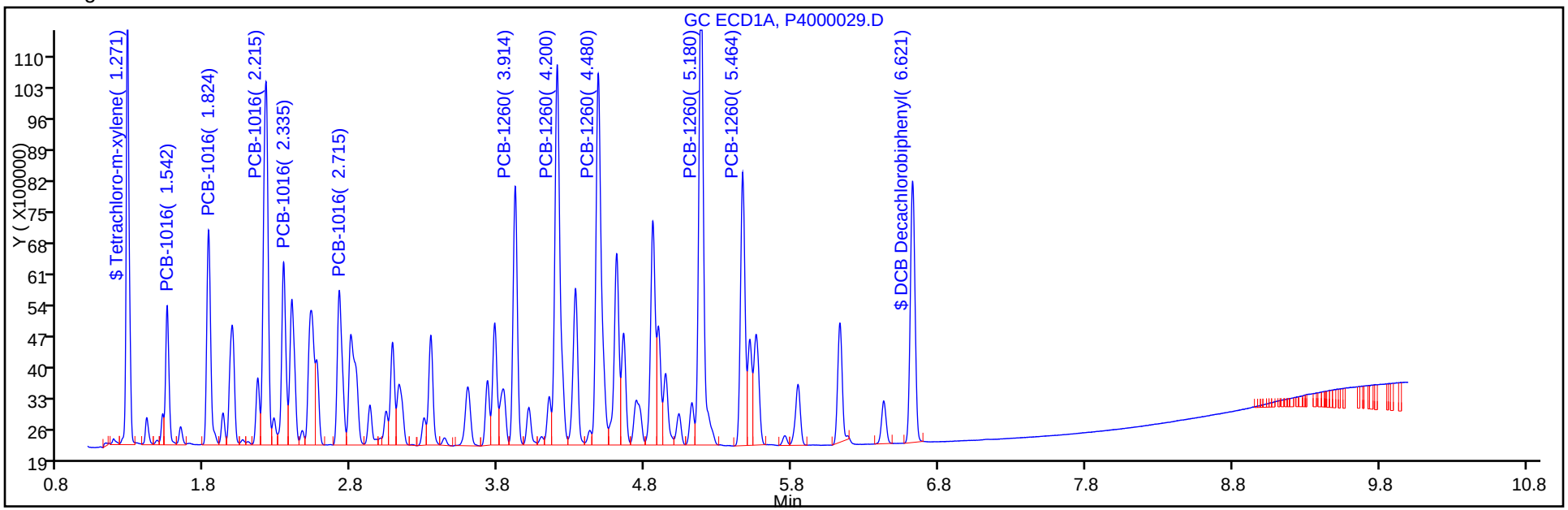
Report Date: 05-Dec-2012 06:33:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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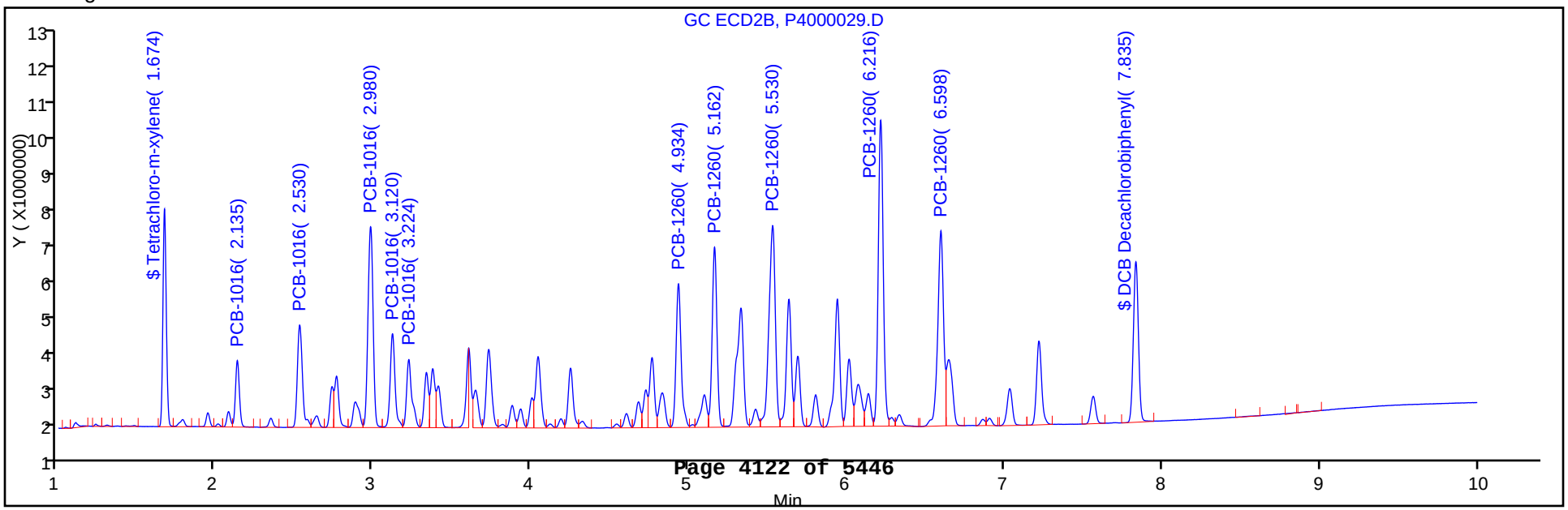
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000029.D

Injection Date:	04-Dec-2012 15:22:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000030.D
Lims ID: STD05 1660 Client ID:
Inject. Date: 04-Dec-2012 15:37:54 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 4
Sample ID: 240-0015497-030
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 67207 Lims Sample ID: 30
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:49 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.271	0.000	33509695	0.0240			
2	2	1.674	1.674	0.000	21803636	0.0241			
						RPD = 0.29			
6 PCB-1016									
1	100	1.541	1.541	0.000	11273711	0.4564		100.0	
1	2	1.824	1.824	0.000	20454363	0.4633	152.4- 202.4	181.4	
1	3	2.216	2.216	0.000	43517484	0.4770	334.6- 384.6	386.0	
1	4	2.336	2.336	0.000	18937216	0.4683	125.4- 195.4	168.0	
1	5	2.716	2.716	0.000	19041548	0.4701	136.2- 186.2	168.9	
			Average of Peak Amounts =			0.4670			
2	6	2.136	2.136	0.000	7239720	0.4580		100.0	
2	7	2.531	2.531	0.000	14603311	0.4645	169.0- 229.0	201.7	
2	8	2.981	2.981	0.000	30163761	0.4773	361.2- 421.2	416.6	
2	9	3.120	3.120	0.000	12998493	0.4708	144.4- 204.4	179.5	
2	10	3.223	3.223	0.000	10370107	0.4747	108.9- 168.9	143.2	
			Average of Peak Amounts =			0.4691			
						RPD = 0.43			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.914	3.914	0.000	28122255	0.4739		100.0	
1	2	4.199	4.199	0.000	51273884	0.4774	156.3- 206.3	182.3	
1	3	4.479	4.479	0.000	52765478	0.4785	159.6- 209.6	187.6	
1	4	5.181	5.181	0.000	60590037	0.4863	183.4- 233.4	215.5	
1	5	5.464	5.464	0.000	31974754	0.4808	87.0- 137.0	113.7	
			Average of Peak Amounts =			0.4794			
2	6	4.933	4.933	0.000	21322575	0.4683		100.0	
2	7	5.162	5.162	0.000	25175972	0.4613	86.9- 146.9	118.1	
2	8	5.530	5.530	0.000	38354268	0.4756	145.2- 205.2	179.9	
2	9	6.216	6.216	0.000	47421524	0.4899	177.4- 237.4	222.4	
2	10	6.598	6.598	0.000	34199543	0.4763	125.7- 185.7	160.4	
			Average of Peak Amounts =			0.4743			
						RPD = 1.07			
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.622	0.000	30832136	0.0237			
2	2	7.835	7.835	0.000	23297826	0.0235			
						RPD = 0.92			

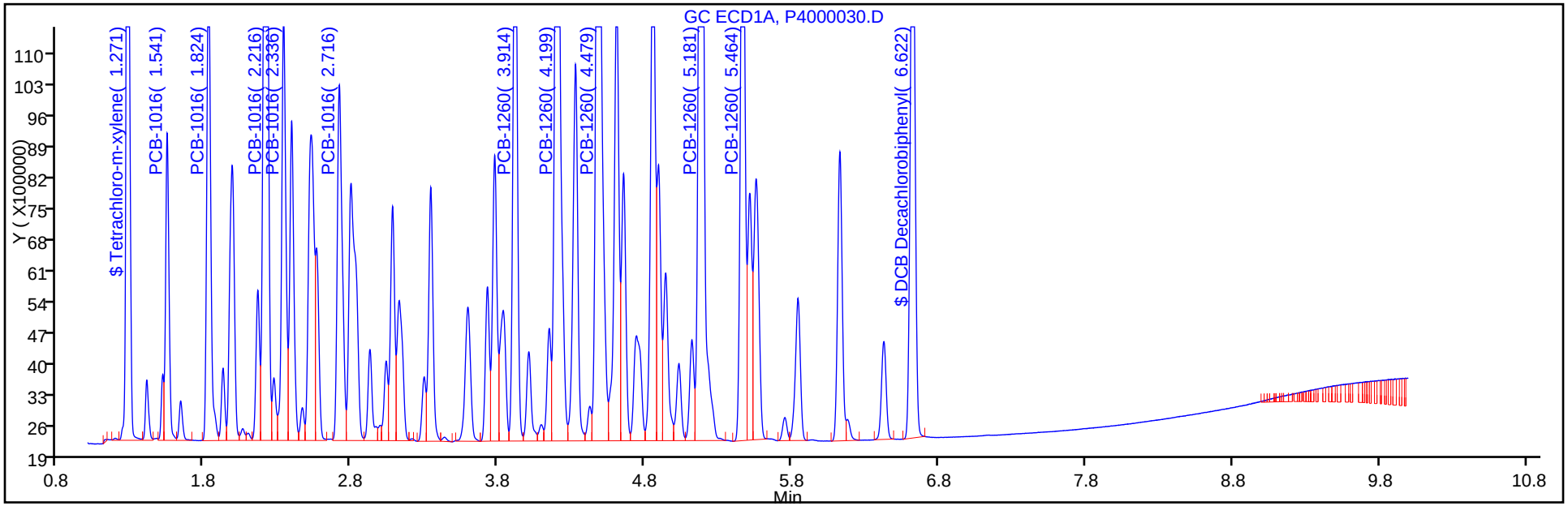
Report Date: 05-Dec-2012 06:33:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

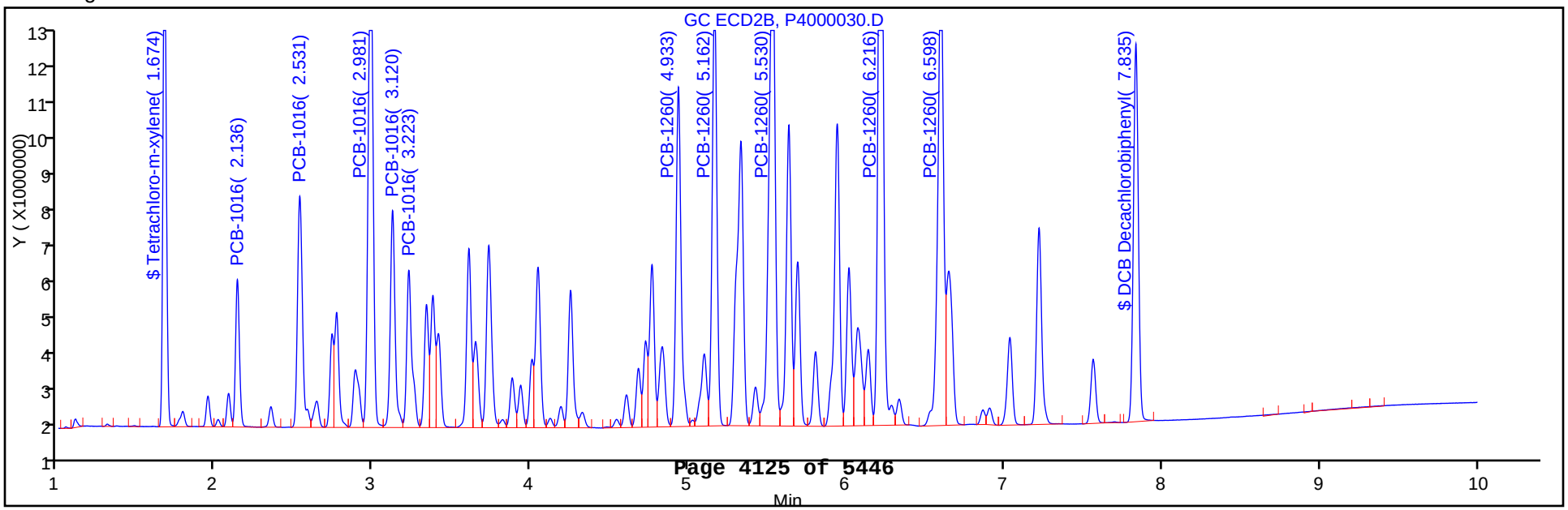
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000030.D

Injection Date:	04-Dec-2012 15:37:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000031.D
Lims ID: STD1 1660 Client ID:
Inject. Date: 04-Dec-2012 15:53:40 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015497-031
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 31
Lims Batch ID: 67207 Lims Sample ID: 31
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:47 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.272	1.271	0.001	65797155	0.0472			
2	2	1.673	1.674	-0.001	43413295	0.0480			
						RPD = 1.68			
6 PCB-1016									
1	100	1.542	1.541	0.001	21328587	0.8634		100.0	
1	2	1.824	1.824	0.000	38818543	0.8792	152.4- 202.4	182.0	
1	3	2.215	2.216	-0.001	85671242	0.9391	334.6- 384.6	401.7	
1	4	2.336	2.336	0.000	36665502	0.9067	125.4- 195.4	171.9	
1	5	2.714	2.716	-0.002	36479931	0.9007	136.2- 186.2	171.0	
			Average of Peak Amounts =			0.8978			
2	6	2.136	2.136	0.000	13569652	0.8584		100.0	
2	7	2.531	2.531	0.000	27596753	0.8778	169.0- 229.0	203.4	
2	8	2.982	2.981	0.001	59214307	0.9369	361.2- 421.2	436.4	
2	9	3.120	3.120	0.000	24858586	0.9004	144.4- 204.4	183.2	
2	10	3.223	3.223	0.000	19939646	0.9128	108.9- 168.9	146.9	
			Average of Peak Amounts =			0.8973			
						RPD = 0.06			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.914	-0.001	54069980	0.9111		100.0	
1	2	4.199	4.199	0.000	98843004	0.9204	156.3- 206.3	182.8	
1	3	4.479	4.479	0.000	102731375	0.9316	159.6- 209.6	190.0	
1	4	5.180	5.181	-0.001	118290242	0.9494	183.4- 233.4	218.8	
1	5	5.465	5.464	0.001	62439749	0.9388	87.0- 137.0	115.5	
			Average of Peak Amounts =			0.9303			
2	6	4.933	4.933	0.000	41227678	0.9055		100.0	
2	7	5.161	5.162	-0.001	48465228	0.8880	86.9- 146.9	117.6	
2	8	5.530	5.530	0.000	74962784	0.9295	145.2- 205.2	181.8	
2	9	6.214	6.216	-0.002	91317845	0.9434	177.4- 237.4	221.5	
2	10	6.597	6.598	-0.001	66732822	0.9294	125.7- 185.7	161.9	
			Average of Peak Amounts =			0.9192			
						RPD = 1.20			
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.622	0.000	59399766	0.0457			
2	2	7.833	7.835	-0.002	44431440	0.0448			
						RPD = 1.93			

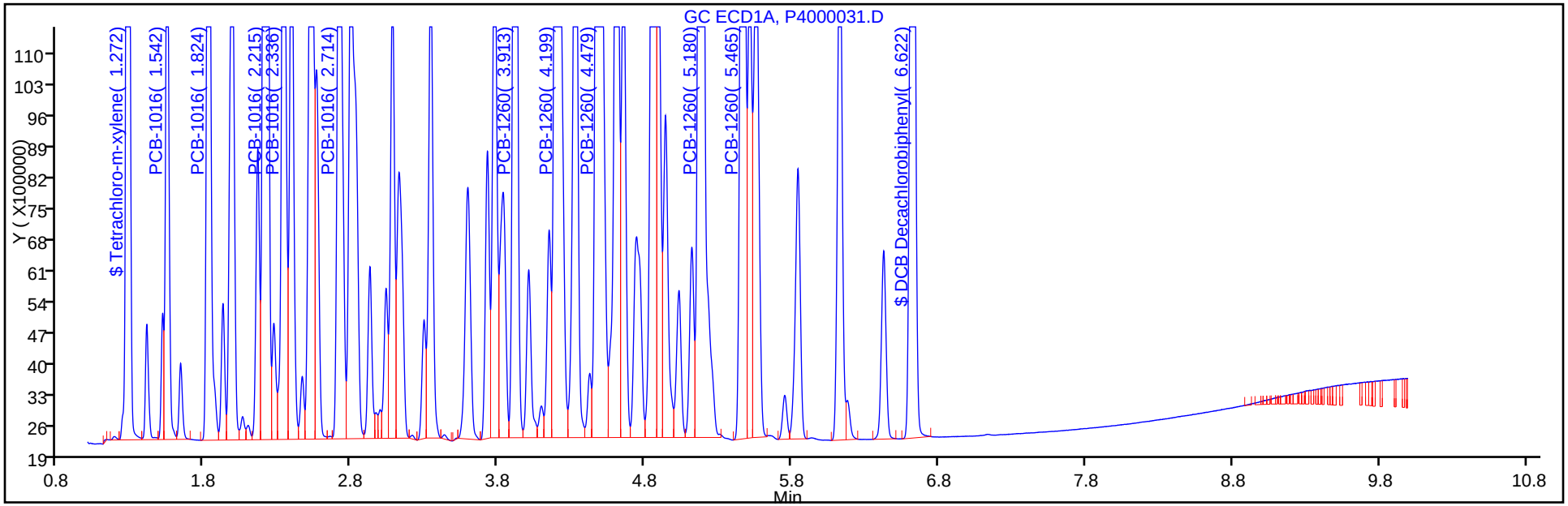
Report Date: 05-Dec-2012 06:33:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

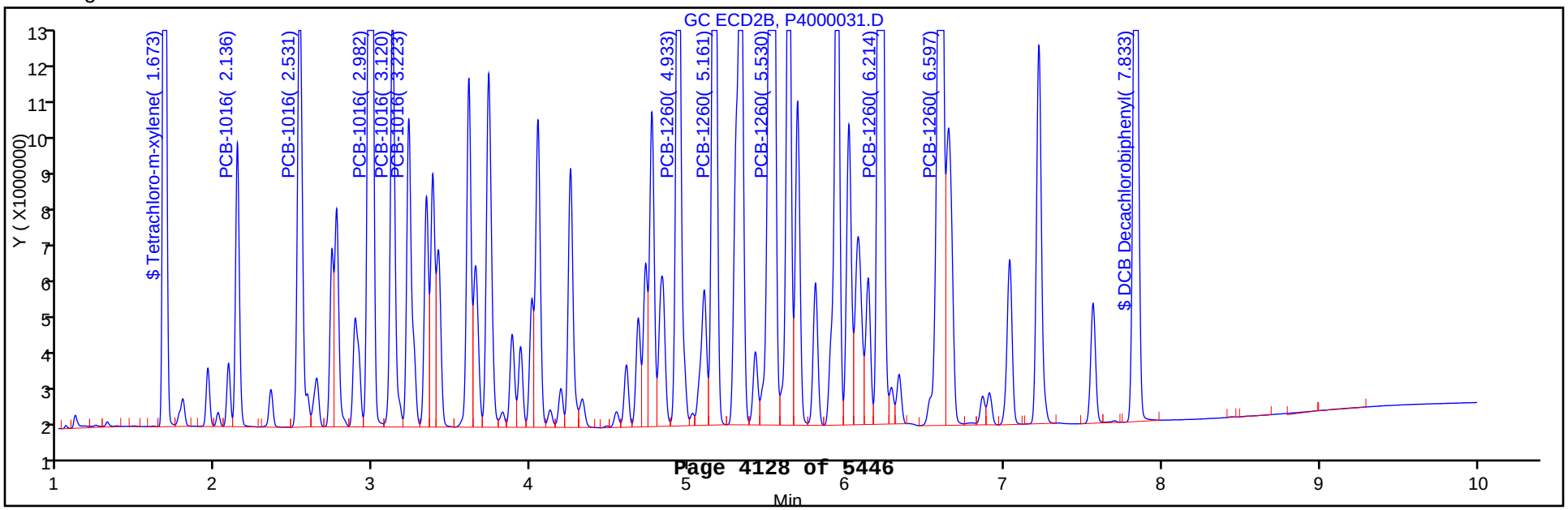
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000031.D

Injection Date:	04-Dec-2012 15:53:40	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000032.D
Lims ID: STD2 1660 Client ID:
Inject. Date: 04-Dec-2012 16:09:22 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015497-032
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 32
Lims Batch ID: 67207 Lims Sample ID: 32
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:45 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.272	1.271	0.001	126702620	0.0909			
2	2	1.674	1.674	0.000	85916290	0.0950			
						RPD = 4.42			
6 PCB-1016									
1	100	1.542	1.541	0.001	40557501	1.64		100.0	
1	2	1.824	1.824	0.000	73495820	1.66	152.4- 202.4	181.2	
1	3	2.215	2.216	-0.001	166752099	1.83	334.6- 384.6	411.1	
1	4	2.335	2.336	-0.001	71433349	1.77	125.4- 195.4	176.1	
1	5	2.715	2.716	-0.001	71201223	1.76	136.2- 186.2	175.6	
			Average of Peak Amounts =			1.73			
2	6	2.135	2.136	-0.001	25636975	1.62		100.0	
2	7	2.531	2.531	0.000	51994716	1.65	169.0- 229.0	202.8	
2	8	2.982	2.981	0.001	115611041	1.83	361.2- 421.2	451.0	
2	9	3.120	3.120	0.000	47139896	1.71	144.4- 204.4	183.9	
2	10	3.223	3.223	0.000	38022071	1.74	108.9- 168.9	148.3	
			Average of Peak Amounts =			1.71			
						RPD = 1.23			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.914	-0.001	105923246	1.78		100.0	
1	2	4.199	4.199	0.000	193159768	1.80	156.3- 206.3	182.4	
1	3	4.479	4.479	0.000	202412577	1.84	159.6- 209.6	191.1	
1	4	5.180	5.181	-0.001	234552281	1.88	183.4- 233.4	221.4	
1	5	5.464	5.464	0.000	124080930	1.87	87.0- 137.0	117.1	
			Average of Peak Amounts =			1.83			
2	6	4.934	4.933	0.001	80990541	1.78		100.0	
2	7	5.163	5.162	0.001	95971224	1.76	86.9- 146.9	118.5	
2	8	5.530	5.530	0.000	148972268	1.85	145.2- 205.2	183.9	
2	9	6.216	6.216	0.000	182602956	1.89	177.4- 237.4	225.5	
2	10	6.597	6.598	-0.001	133081377	1.85	125.7- 185.7	164.3	
			Average of Peak Amounts =			1.82			
						RPD = 0.47			
$ 12 DCB Decachlorobiphenyl									
1	100	6.622	6.622	0.000	116494284	0.0896			
2	2	7.835	7.835	0.000	86995280	0.0878			
						RPD = 2.09			

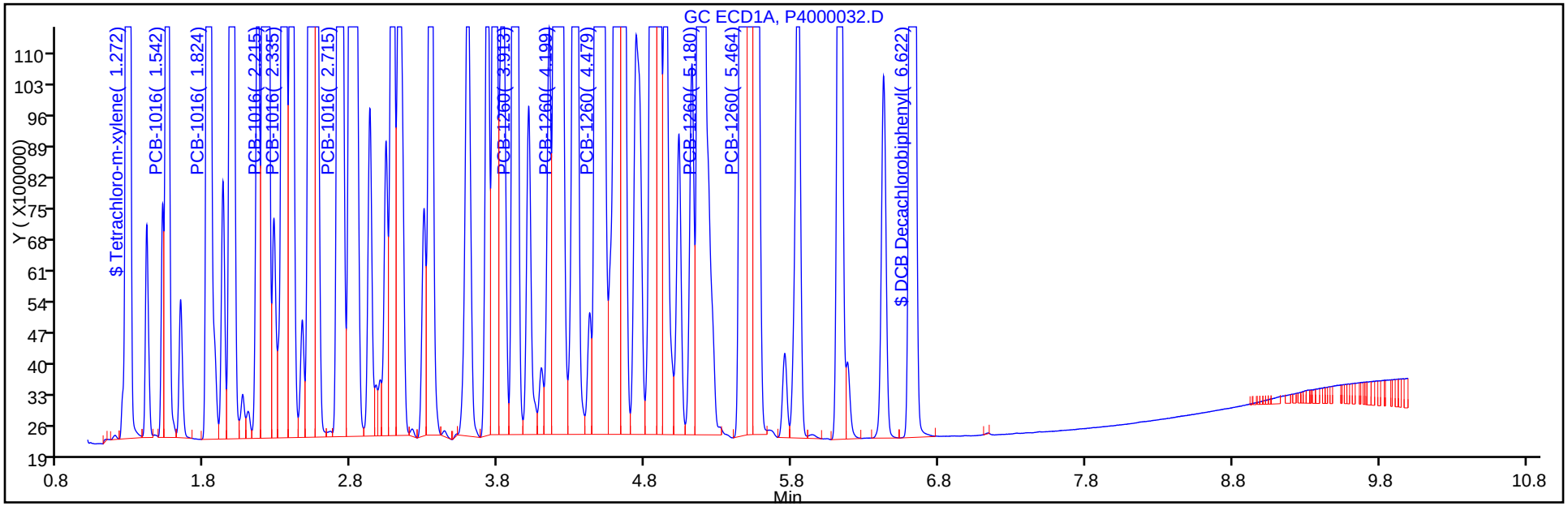
Report Date: 05-Dec-2012 06:33:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

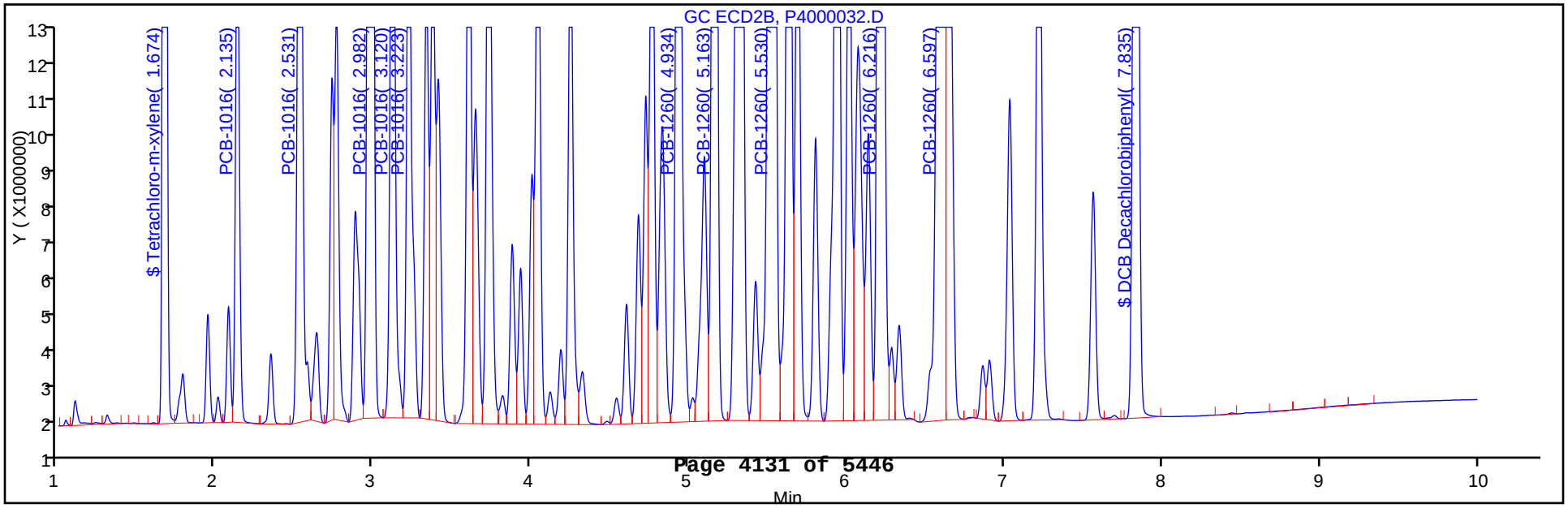
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000032.D

Injection Date:	04-Dec-2012 16:09:22	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 17:59 Calibration End Date: 12/04/2012 19:18 Calibration ID: 12604

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/39	P4000039.D
Level 2	STD01 240-67207/40	P4000040.D
Level 3	STD02 240-67207/41	P4000041.D
Level 4	STD05 240-67207/42	P4000042.D
Level 5	STD1 240-67207/43	P4000043.D
Level 6	STD2 240-67207/44	P4000044.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1268 Peak 1	5.515	5.514	5.515	5.514	5.514	5.513					5.415 - 5.615	5.514
PCB-1268 Peak 2	5.550	5.551	5.551	5.550	5.551	5.552					5.450 - 5.650	5.551
PCB-1268 Peak 3	5.752	5.751	5.751	5.750	5.751	5.750					5.652 - 5.852	5.751
PCB-1268 Peak 4	6.126	6.126	6.126	6.126	6.125	6.126					6.026 - 6.226	6.126
PCB-1268 Peak 5	6.425	6.425	6.426	6.425	6.426	6.426					6.325 - 6.525	6.426

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 17:59 Calibration End Date: 12/04/2012 19:18 Calibration ID: 12604

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/39	P4000039.D
Level 2	STD01 240-67207/40	P4000040.D
Level 3	STD02 240-67207/41	P4000041.D
Level 4	STD05 240-67207/42	P4000042.D
Level 5	STD1 240-67207/43	P4000043.D
Level 6	STD2 240-67207/44	P4000044.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1268 Peak 1	203831520 164795292	173575450 160590651	176210330	167391688	Ave		174399155				8.9		20.0			
PCB-1268 Peak 2	187814320 157114650	162697790 153822251	168308645	163187056	Ave		165490785				7.3		20.0			
PCB-1268 Peak 3	165765220 134259272	141120420 131787380	143912885	137755140	Ave		142433386				8.6		20.0			
PCB-1268 Peak 4	73704640 57121192	62229400 56581666	62670625	59279916	Ave		61931239.8				10.0		20.0			
PCB-1268 Peak 5	519695680 437278320	452702010 432383175	468092145	449418784	Ave		459928352				6.9		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 17:59 Calibration End Date: 12/04/2012 19:18 Calibration ID: 12604

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/39	P4000039.D
Level 2	STD01 240-67207/40	P4000040.D
Level 3	STD02 240-67207/41	P4000041.D
Level 4	STD05 240-67207/42	P4000042.D
Level 5	STD1 240-67207/43	P4000043.D
Level 6	STD2 240-67207/44	P4000044.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1268 Peak 1	Ave	10191576 321181301	17357545	35242066	83695844	164795292	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 2	Ave	9390716 307644501	16269779	33661729	81593528	157114650	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 3	Ave	8288261 263574759	14112042	28782577	68877570	134259272	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 4	Ave	3685232 113163331	6222940	12534125	29639958	57121192	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 5	Ave	25984784 864766350	45270201	93618429	224709392	437278320	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000039.D
Lims ID: STD005 1268 Client ID:
Inject. Date: 04-Dec-2012 17:59:38 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015497-039
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 39
Lims Batch ID: 67207 Lims Sample ID: 39
Sublist: chrom-PCB4*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:35 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 PCB-1268									
1	100	5.515	5.515	0.000	10191576	0.0584		100.0	
1	2	5.550	5.550	0.000	9390716	0.0567	70.5- 120.5	92.1	
1	3	5.752	5.752	0.000	8288261	0.0582	56.7- 106.7	81.3	
1	4	6.126	6.126	0.000	3685232	0.0595	10.6- 60.6	36.2	
1	5	6.425	6.425	0.000	25984784	0.0565	240.6- 290.6	255.0	
			Average of Peak Amounts =			0.0579			
2	6	6.593	6.593	0.000	8884524	0.0586		100.0	
2	7	6.641	6.641	0.000	8096908	0.0576	63.8- 123.8	91.1	
2	8	6.905	6.905	0.000	7252216	0.0583	52.4- 112.4	81.6	
2	9	7.219	7.219	0.000	3099184	0.0600	4.4- 64.4	34.9	
2	10	7.563	7.563	0.000	20341532	0.0562	209.7- 269.7	229.0	
			Average of Peak Amounts =			0.0581			
						RPD = 0.45			

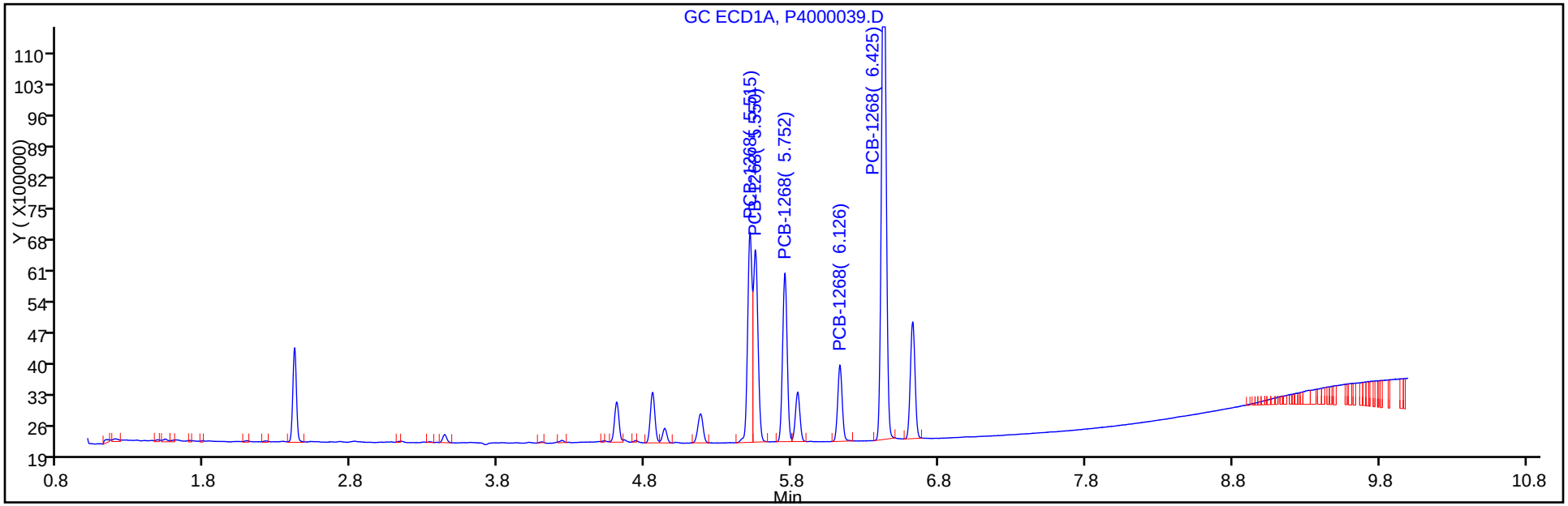
Report Date: 05-Dec-2012 06:33:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

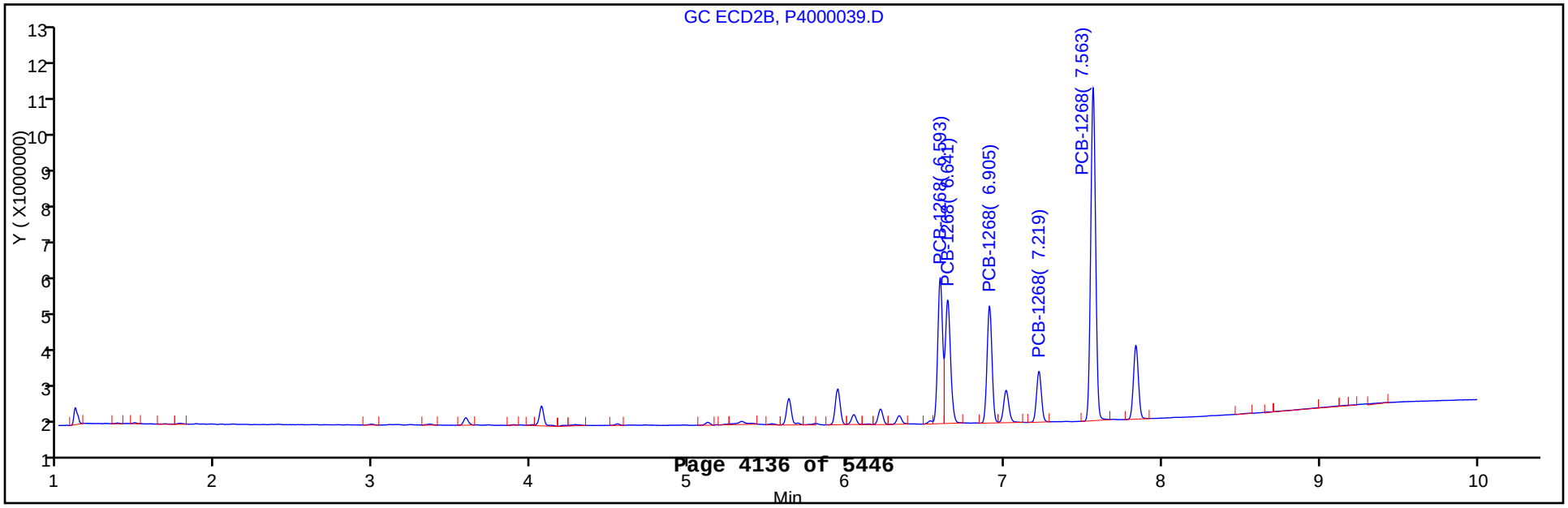
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000039.D

Injection Date:	04-Dec-2012 17:59:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	39
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000040.D
Lims ID: STD01 1268 Client ID:
Inject. Date: 04-Dec-2012 18:15:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015497-040
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 40
Lims Batch ID: 67207 Lims Sample ID: 40
Sublist: chrom-PCB4*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:34 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 PCB-1268									
1	100	5.514	5.515	-0.001	17357545	0.0995		100.0	
1	2	5.551	5.550	0.001	16269779	0.0983	70.5- 120.5	93.7	
1	3	5.751	5.752	-0.001	14112042	0.0991	56.7- 106.7	81.3	
1	4	6.126	6.126	0.000	6222940	0.1005	10.6- 60.6	35.9	
1	5	6.425	6.425	0.000	45270201	0.0984	240.6- 290.6	260.8	
			Average of Peak Amounts =			0.0992			
2	6	6.594	6.593	0.001	14945896	0.0986		100.0	
2	7	6.642	6.641	0.001	13964034	0.0993	63.8- 123.8	93.4	
2	8	6.907	6.905	0.002	12330404	0.0991	52.4- 112.4	82.5	
2	9	7.220	7.219	0.001	5234314	0.1013	4.4- 64.4	35.0	
2	10	7.564	7.563	0.001	35155720	0.0971	209.7- 269.7	235.2	
			Average of Peak Amounts =			0.0991			
						RPD = 0.08			

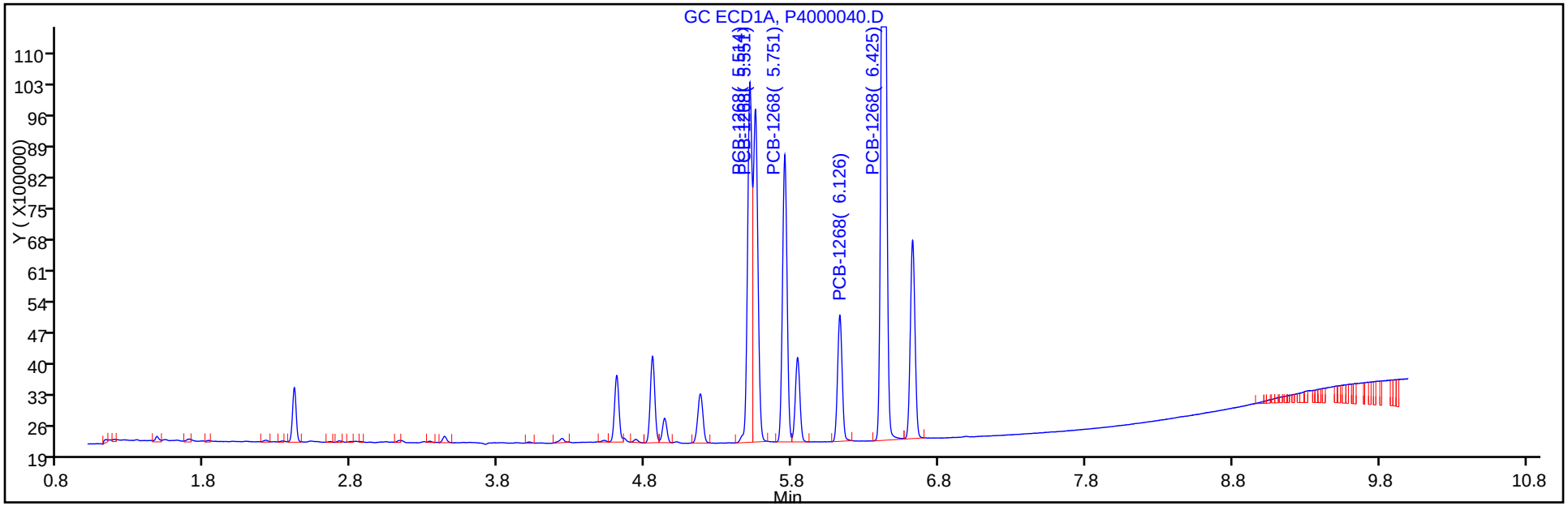
Report Date: 05-Dec-2012 06:33:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

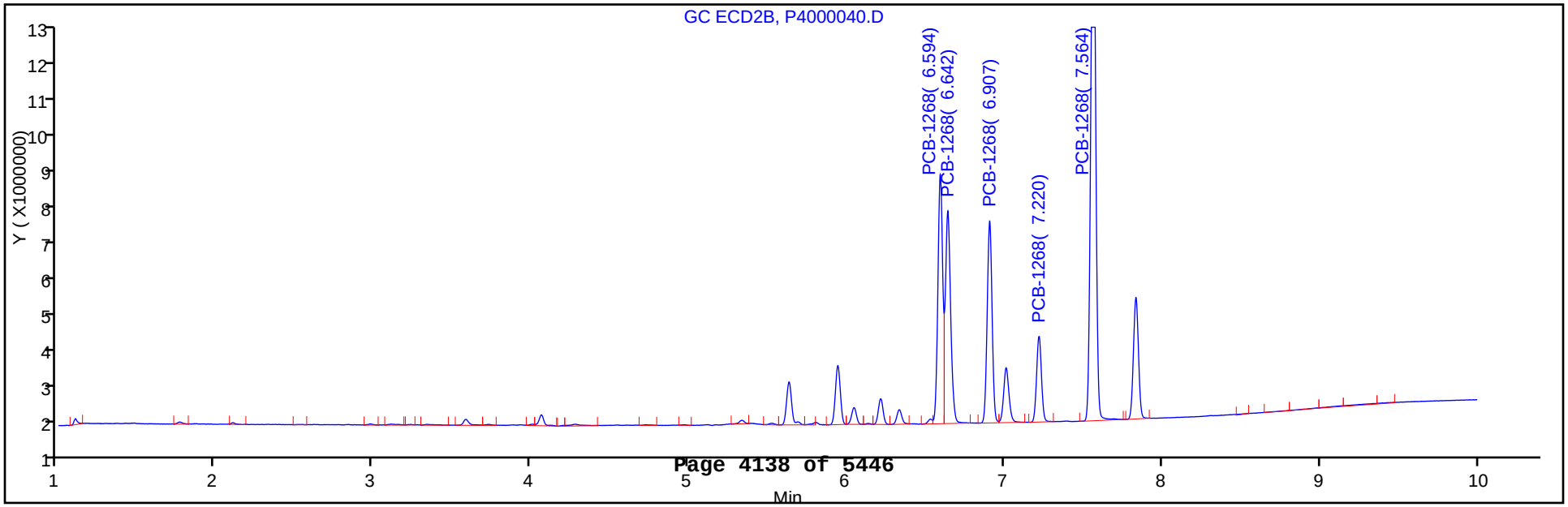
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000040.D

Injection Date:	04-Dec-2012 18:15:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	40
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000041.D
Lims ID: STD02 1268 Client ID:
Inject. Date: 04-Dec-2012 18:31:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015497-041
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 41
Lims Batch ID: 67207 Lims Sample ID: 41
Sublist: chrom-PCB4*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:32 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 PCB-1268									
1	100	5.515	5.515	0.000	35242066	0.2021		100.0	
1	2	5.551	5.550	0.001	33661729	0.2034	70.5- 120.5	95.5	
1	3	5.751	5.752	-0.001	28782577	0.2021	56.7- 106.7	81.7	
1	4	6.126	6.126	0.000	12534125	0.2024	10.6- 60.6	35.6	
1	5	6.426	6.425	0.001	93618429	0.2036	240.6- 290.6	265.6	
			Average of Peak Amounts =			0.2027			
2	6	6.595	6.593	0.002	30289490	0.1998		100.0	
2	7	6.642	6.641	0.001	28410464	0.2021	63.8- 123.8	93.8	
2	8	6.907	6.905	0.002	24968995	0.2006	52.4- 112.4	82.4	
2	9	7.221	7.219	0.002	10417123	0.2017	4.4- 64.4	34.4	
2	10	7.564	7.563	0.001	72604946	0.2006	209.7- 269.7	239.7	
			Average of Peak Amounts =			0.2010			
						RPD = 0.86			

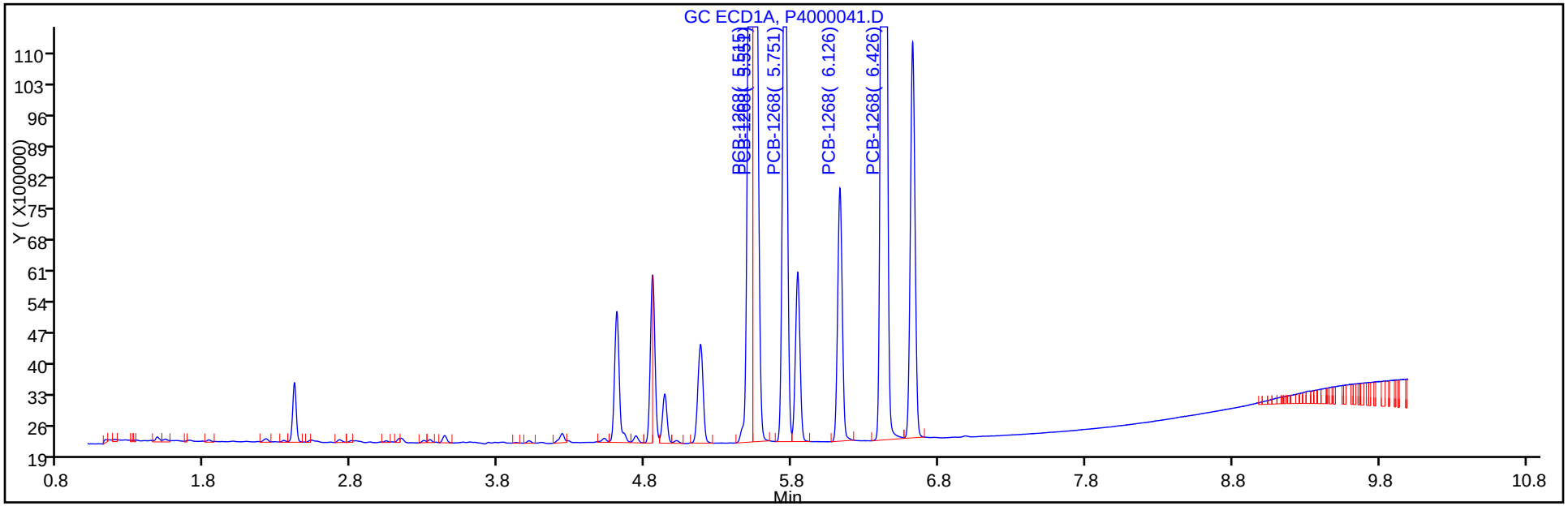
Report Date: 05-Dec-2012 06:33:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

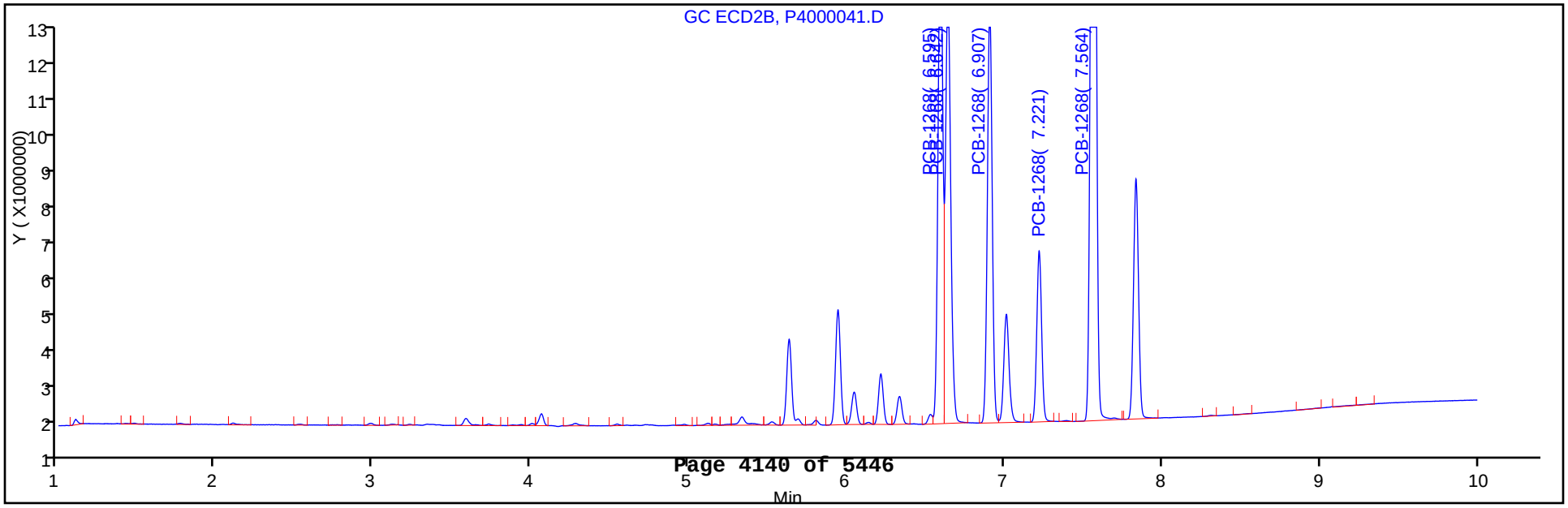
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000041.D

Injection Date:	04-Dec-2012 18:31:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	41
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000042.D
Lims ID: STD05 1268 Client ID:
Inject. Date: 04-Dec-2012 18:46:55 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015497-042
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 42
Lims Batch ID: 67207 Lims Sample ID: 42
Sublist: chrom-PCB4*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:31 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 PCB-1268									
1	100	5.514	5.515	-0.001	83695844	0.4799		100.0	
1	2	5.550	5.550	0.000	81593528	0.4930	70.5- 120.5	97.5	
1	3	5.750	5.752	-0.002	68877570	0.4836	56.7- 106.7	82.3	
1	4	6.126	6.126	0.000	29639958	0.4786	10.6- 60.6	35.4	
1	5	6.425	6.425	0.000	224709392	0.4886	240.6- 290.6	268.5	
			Average of Peak Amounts =			0.4847			
2	6	6.594	6.593	0.001	72965141	0.4812		100.0	
2	7	6.641	6.641	0.000	67794488	0.4822	63.8- 123.8	92.9	
2	8	6.907	6.905	0.002	59681172	0.4795	52.4- 112.4	81.8	
2	9	7.220	7.219	0.001	24518228	0.4747	4.4- 64.4	33.6	
2	10	7.564	7.563	0.001	175925991	0.4861	209.7- 269.7	241.1	
			Average of Peak Amounts =			0.4808			
						RPD = 0.83			

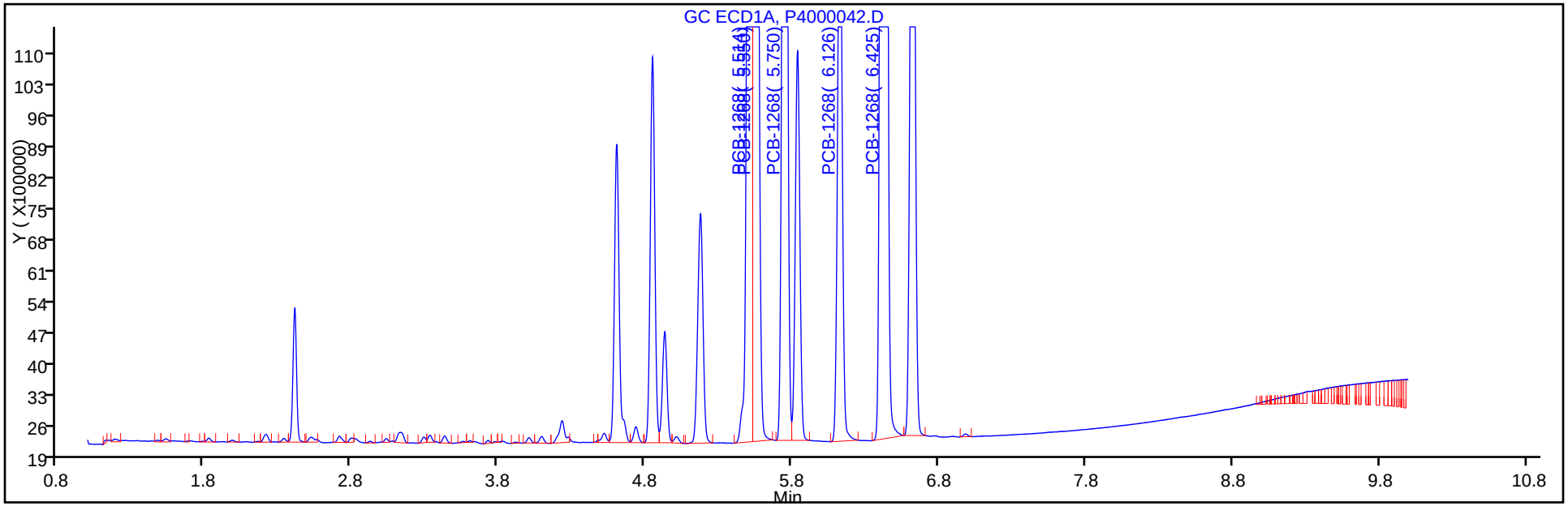
Report Date: 05-Dec-2012 06:33:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

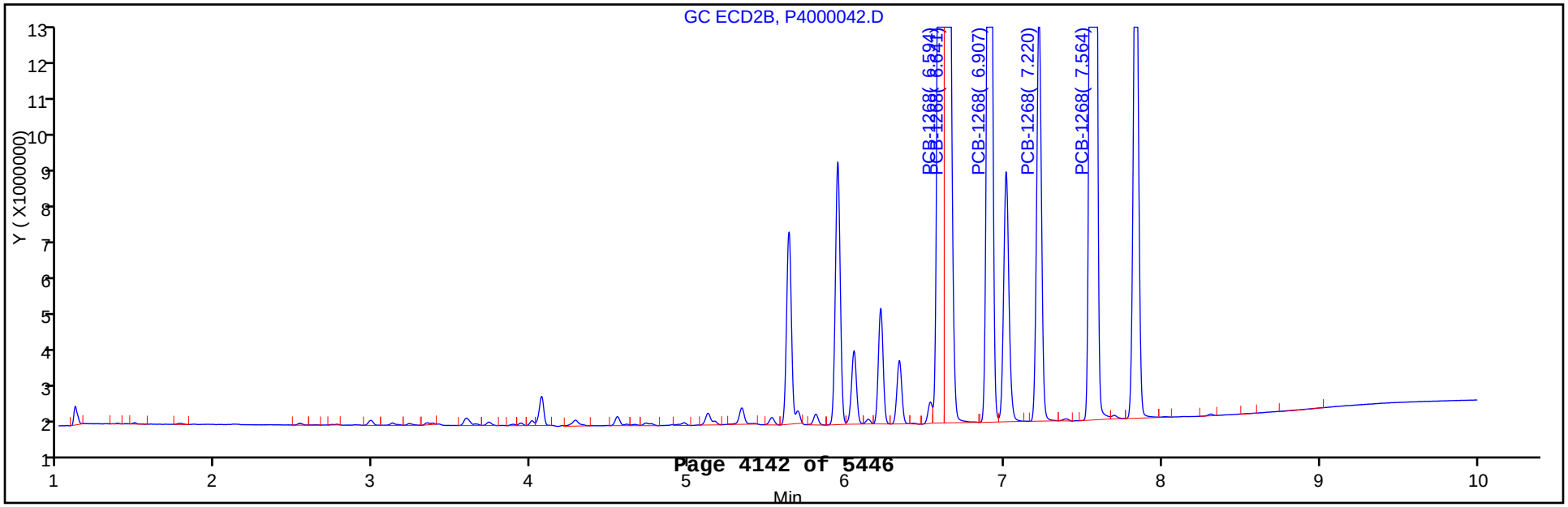
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000042.D

Injection Date:	04-Dec-2012 18:46:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	42
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000043.D
Lims ID: STD1 1268 Client ID:
Inject. Date: 04-Dec-2012 19:02:40 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015497-043
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 43
Lims Batch ID: 67207 Lims Sample ID: 43
Sublist: chrom-PCB4*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:29 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 PCB-1268									
1	100	5.514	5.515	-0.001	164795292	0.9449		100.0	
1	2	5.551	5.550	0.001	157114650	0.9494	70.5- 120.5	95.3	
1	3	5.751	5.752	-0.001	134259272	0.9426	56.7- 106.7	81.5	
1	4	6.125	6.126	-0.001	57121192	0.9223	10.6- 60.6	34.7	
1	5	6.426	6.425	0.001	437278320	0.9508	240.6- 290.6	265.3	
			Average of Peak Amounts =			0.9420			
2	6	6.595	6.593	0.002	143549085	0.9467		100.0	
2	7	6.642	6.641	0.001	132434318	0.9420	63.8- 123.8	92.3	
2	8	6.908	6.905	0.003	117448406	0.9437	52.4- 112.4	81.8	
2	9	7.220	7.219	0.001	47285136	0.9156	4.4- 64.4	32.9	
2	10	7.565	7.563	0.002	346578883	0.9576	209.7- 269.7	241.4	
			Average of Peak Amounts =			0.9411			
						RPD = 0.09			

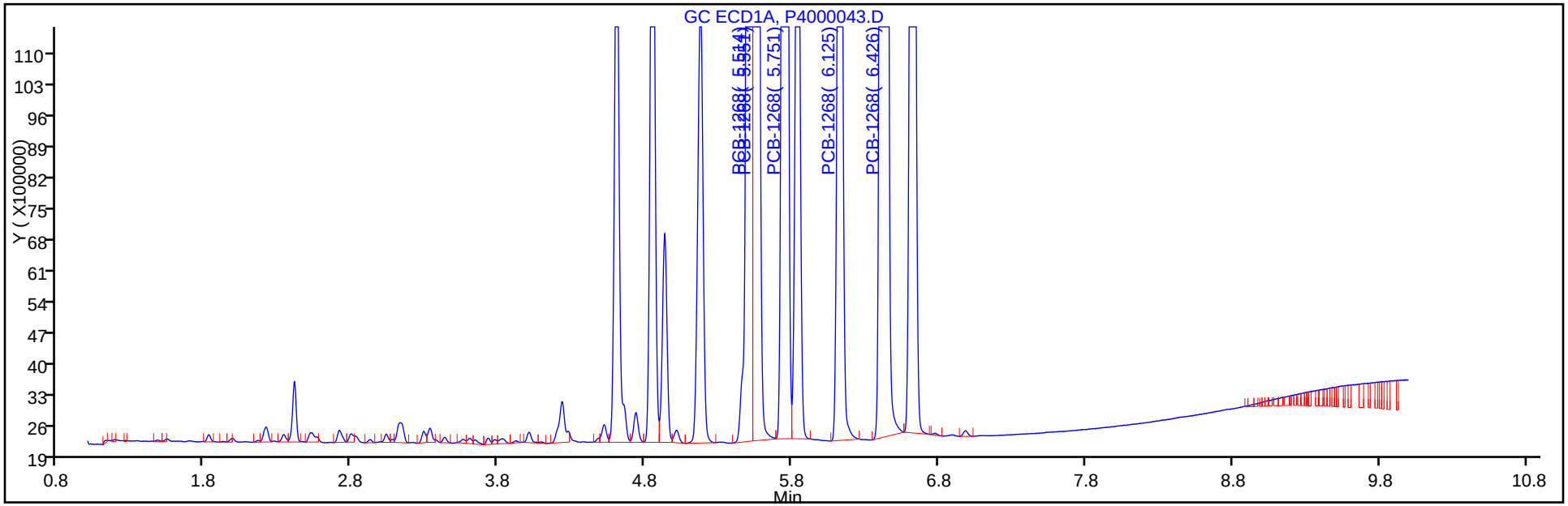
Report Date: 05-Dec-2012 06:33:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

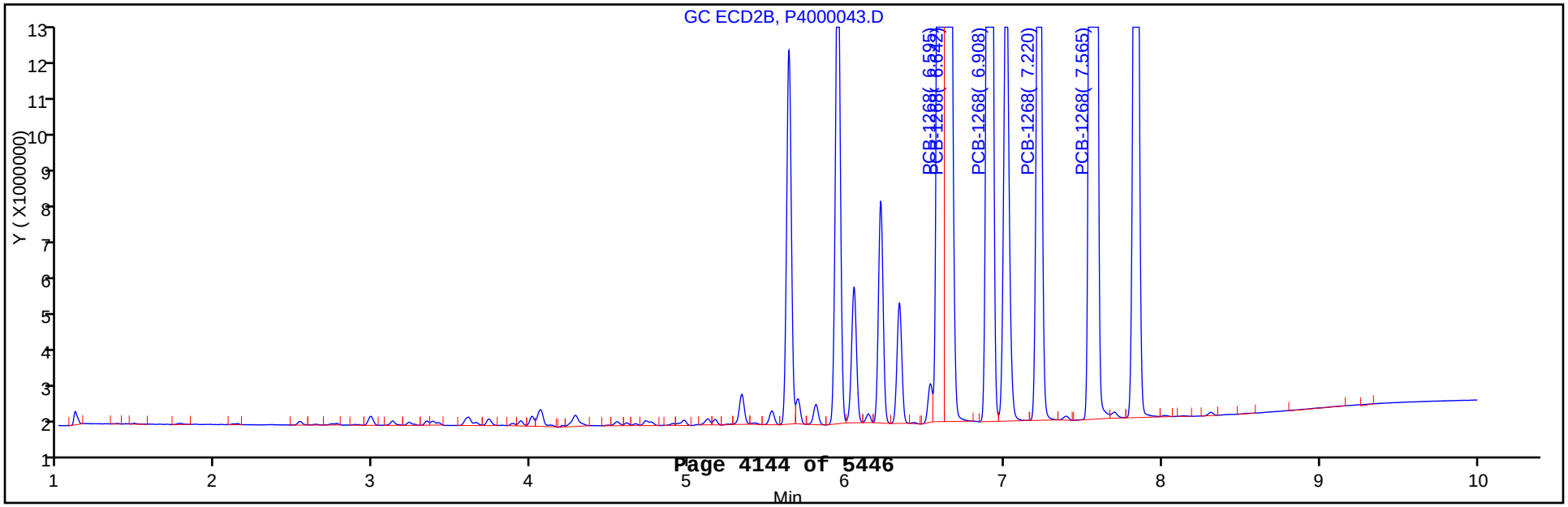
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000043.D

Injection Date:	04-Dec-2012 19:02:40	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	43
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Lims ID: STD2 1268 Client ID:
Inject. Date: 04-Dec-2012 19:18:24 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015497-044
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 44
Lims Batch ID: 67207 Lims Sample ID: 44
Sublist: chrom-PCB4*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:28 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 PCB-1268									
1	100	5.513	5.515	-0.002	321181301	1.84		100.0	
1	2	5.552	5.550	0.002	307644501	1.86	70.5- 120.5	95.8	
1	3	5.750	5.752	-0.002	263574759	1.85	56.7- 106.7	82.1	
1	4	6.126	6.126	0.000	113163331	1.83	10.6- 60.6	35.2	
1	5	6.426	6.425	0.001	864766350	1.88	240.6- 290.6	269.2	
			Average of Peak Amounts =			1.85			
2	6	6.593	6.593	0.000	283445149	1.87		100.0	
2	7	6.641	6.641	0.000	263759570	1.88	63.8- 123.8	93.1	
2	8	6.906	6.905	0.001	233503664	1.88	52.4- 112.4	82.4	
2	9	7.219	7.219	0.000	94290955	1.83	4.4- 64.4	33.3	
2	10	7.563	7.563	0.000	703220169	1.94	209.7- 269.7	248.1	
			Average of Peak Amounts =			1.88			
						RPD = 1.41			

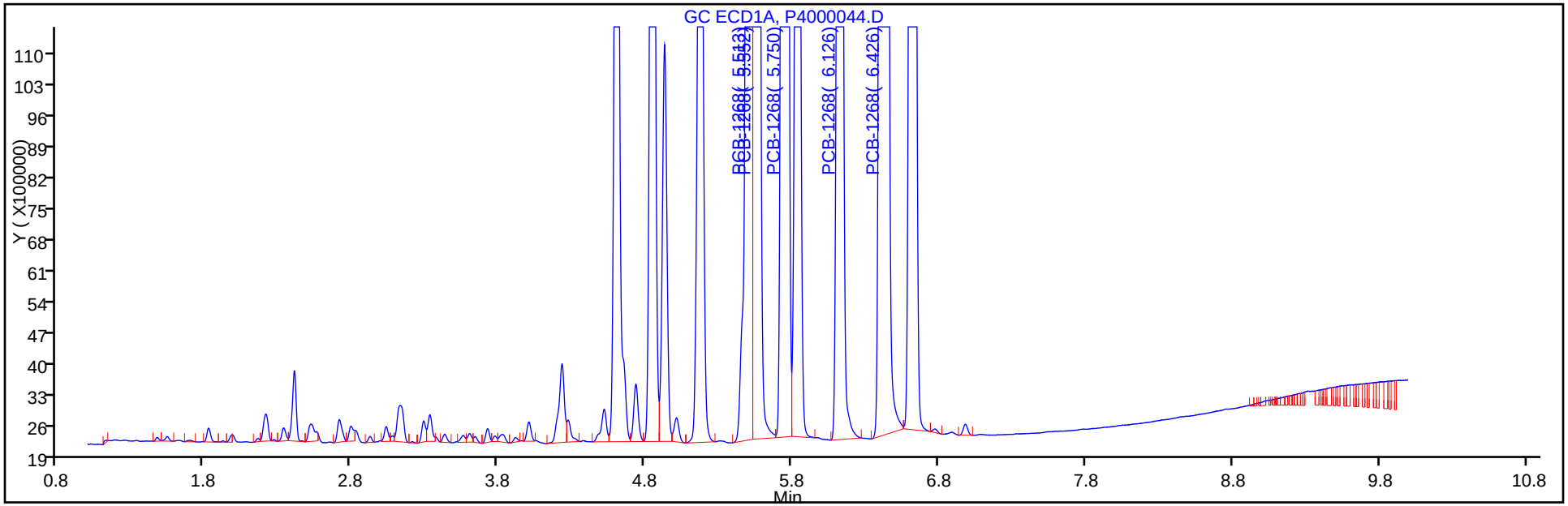
Report Date: 05-Dec-2012 06:33:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

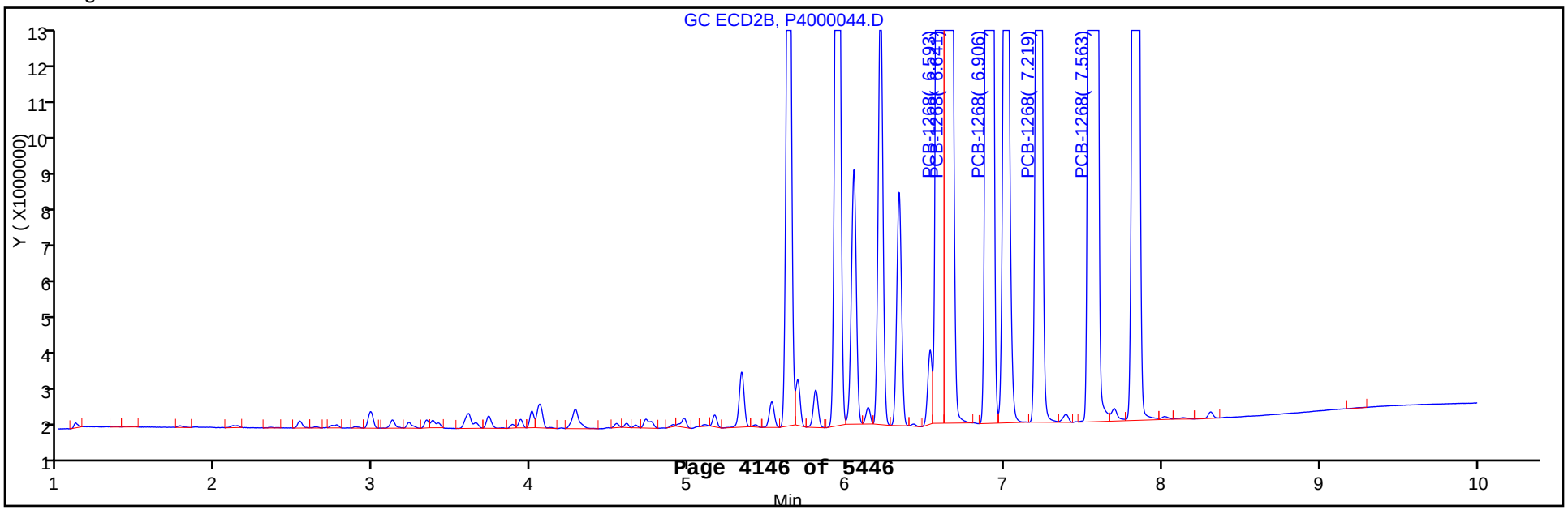
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D

Injection Date:	04-Dec-2012 19:18:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	44
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 17:59 Calibration End Date: 12/04/2012 19:18 Calibration ID: 12605

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/39	P4000039.D
Level 2	STD01 240-67207/40	P4000040.D
Level 3	STD02 240-67207/41	P4000041.D
Level 4	STD05 240-67207/42	P4000042.D
Level 5	STD1 240-67207/43	P4000043.D
Level 6	STD2 240-67207/44	P4000044.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
PCB-1268 Peak 1	6.593	6.594	6.595	6.594	6.595	6.593					6.493 - 6.693	6.594
PCB-1268 Peak 2	6.641	6.642	6.642	6.641	6.642	6.641					6.541 - 6.741	6.642
PCB-1268 Peak 3	6.905	6.907	6.907	6.907	6.908	6.906					6.805 - 7.005	6.907
PCB-1268 Peak 4	7.219	7.220	7.221	7.220	7.220	7.219					7.119 - 7.319	7.220
PCB-1268 Peak 5	7.563	7.564	7.564	7.564	7.565	7.563					7.463 - 7.663	7.564

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 17:59 Calibration End Date: 12/04/2012 19:18 Calibration ID: 12605

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/39	P4000039.D
Level 2	STD01 240-67207/40	P4000040.D
Level 3	STD02 240-67207/41	P4000041.D
Level 4	STD05 240-67207/42	P4000042.D
Level 5	STD1 240-67207/43	P4000043.D
Level 6	STD2 240-67207/44	P4000044.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
PCB-1268 Peak 1	177690480 143549085	149458960 141722575	151447450	145930282	Ave		151633139				8.7		20.0			
PCB-1268 Peak 2	161938160 132434318	139640340 131879785	142052320	135588976	Ave		140588983				8.0		20.0			
PCB-1268 Peak 3	145044320 117448406	123304040 116751832	124844975	119362344	Ave		124459320				8.5		20.0			
PCB-1268 Peak 4	61983680 47285136	52343140 47145478	52085615	49036456	Ave		51646584.1				11.0		20.0			
PCB-1268 Peak 5	406830640 346578883	351557200 351610085	363024730	351851982	Ave		361908920				6.3		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67207

SDG No.:

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 17:59 Calibration End Date: 12/04/2012 19:18 Calibration ID: 12605

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD005 240-67207/39	P4000039.D
Level 2	STD01 240-67207/40	P4000040.D
Level 3	STD02 240-67207/41	P4000041.D
Level 4	STD05 240-67207/42	P4000042.D
Level 5	STD1 240-67207/43	P4000043.D
Level 6	STD2 240-67207/44	P4000044.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1268 Peak 1	Ave	8884524 283445149	14945896	30289490	72965141	143549085	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 2	Ave	8096908 263759570	13964034	28410464	67794488	132434318	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 3	Ave	7252216 233503664	12330404	24968995	59681172	117448406	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 4	Ave	3099184 94290955	5234314	10417123	24518228	47285136	0.0500 2.00	0.100	0.200	0.500	1.00
PCB-1268 Peak 5	Ave	20341532 703220169	35155720	72604946	175925991	346578883	0.0500 2.00	0.100	0.200	0.500	1.00

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000039.D
Lims ID: STD005 1268 Client ID:
Inject. Date: 04-Dec-2012 17:59:38 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015497-039
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 39
Lims Batch ID: 67207 Lims Sample ID: 39
Sublist: chrom-PCB4*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:35 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 PCB-1268									
1	100	5.515	5.515	0.000	10191576	0.0584		100.0	
1	2	5.550	5.550	0.000	9390716	0.0567	70.5- 120.5	92.1	
1	3	5.752	5.752	0.000	8288261	0.0582	56.7- 106.7	81.3	
1	4	6.126	6.126	0.000	3685232	0.0595	10.6- 60.6	36.2	
1	5	6.425	6.425	0.000	25984784	0.0565	240.6- 290.6	255.0	
			Average of Peak Amounts =			0.0579			
2	6	6.593	6.593	0.000	8884524	0.0586		100.0	
2	7	6.641	6.641	0.000	8096908	0.0576	63.8- 123.8	91.1	
2	8	6.905	6.905	0.000	7252216	0.0583	52.4- 112.4	81.6	
2	9	7.219	7.219	0.000	3099184	0.0600	4.4- 64.4	34.9	
2	10	7.563	7.563	0.000	20341532	0.0562	209.7- 269.7	229.0	
			Average of Peak Amounts =			0.0581			
						RPD = 0.45			

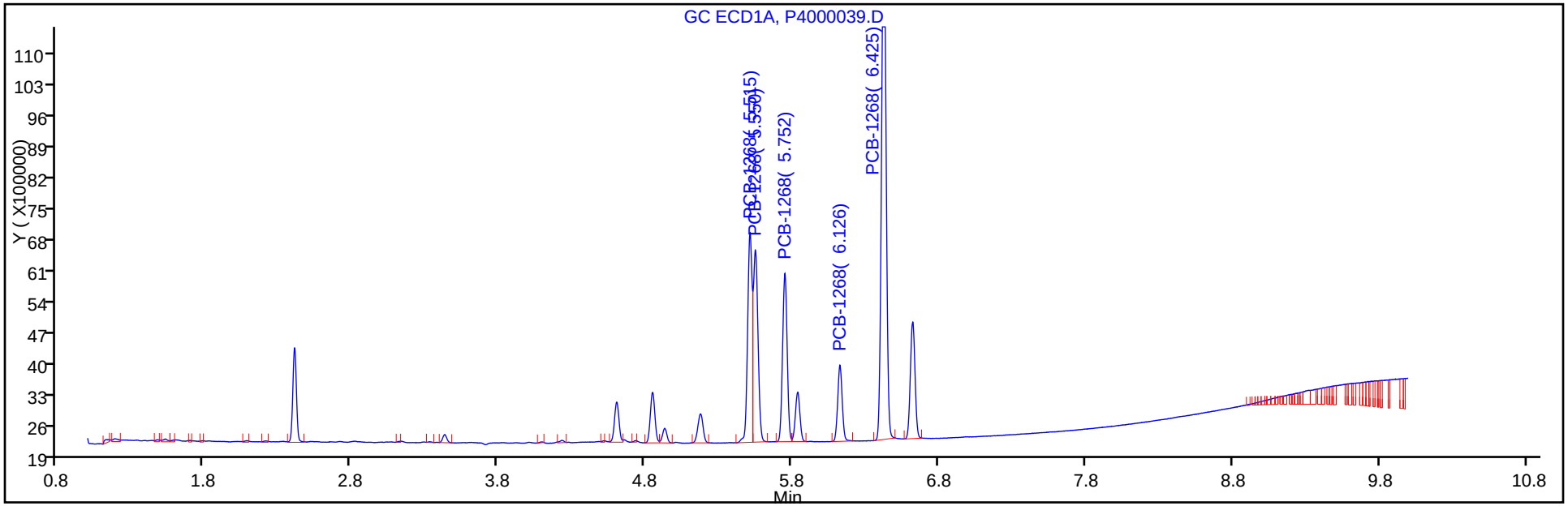
Report Date: 05-Dec-2012 06:33:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

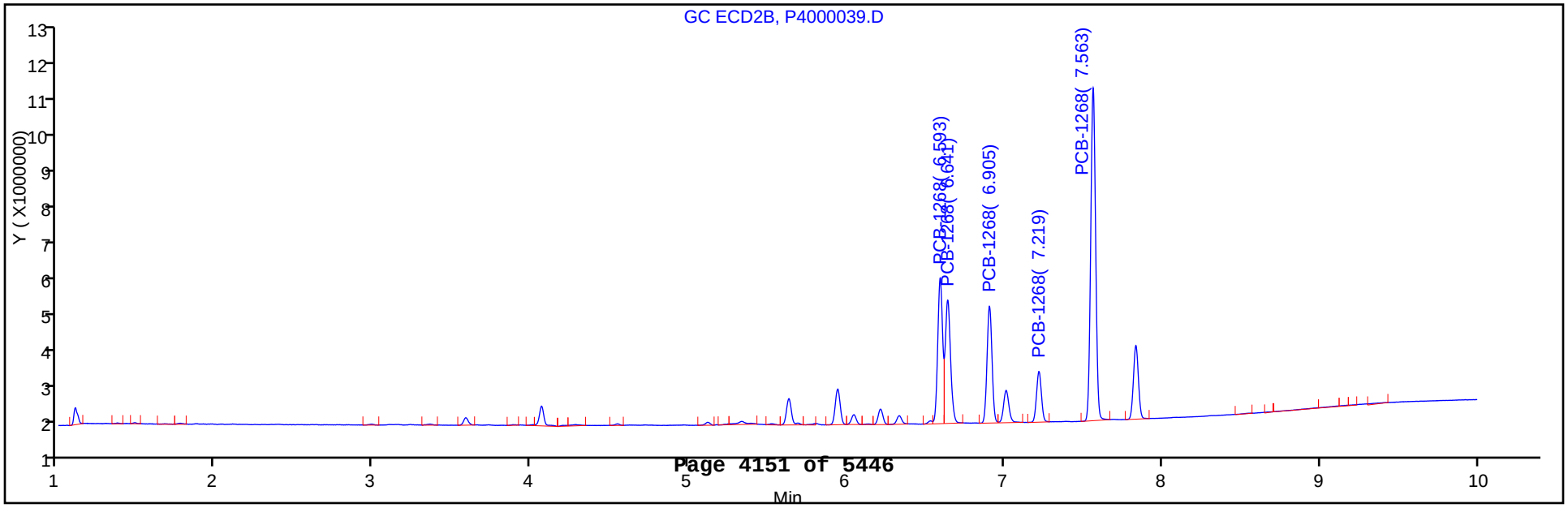
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000039.D

Injection Date:	04-Dec-2012 17:59:38	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	39
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000040.D
Lims ID: STD01 1268 Client ID:
Inject. Date: 04-Dec-2012 18:15:20 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015497-040
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 40
Lims Batch ID: 67207 Lims Sample ID: 40
Sublist: chrom-PCB4*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:34 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 PCB-1268									
1	100	5.514	5.515	-0.001	17357545	0.0995		100.0	
1	2	5.551	5.550	0.001	16269779	0.0983	70.5- 120.5	93.7	
1	3	5.751	5.752	-0.001	14112042	0.0991	56.7- 106.7	81.3	
1	4	6.126	6.126	0.000	6222940	0.1005	10.6- 60.6	35.9	
1	5	6.425	6.425	0.000	45270201	0.0984	240.6- 290.6	260.8	
			Average of Peak Amounts =			0.0992			
2	6	6.594	6.593	0.001	14945896	0.0986		100.0	
2	7	6.642	6.641	0.001	13964034	0.0993	63.8- 123.8	93.4	
2	8	6.907	6.905	0.002	12330404	0.0991	52.4- 112.4	82.5	
2	9	7.220	7.219	0.001	5234314	0.1013	4.4- 64.4	35.0	
2	10	7.564	7.563	0.001	35155720	0.0971	209.7- 269.7	235.2	
			Average of Peak Amounts =			0.0991			
						RPD = 0.08			

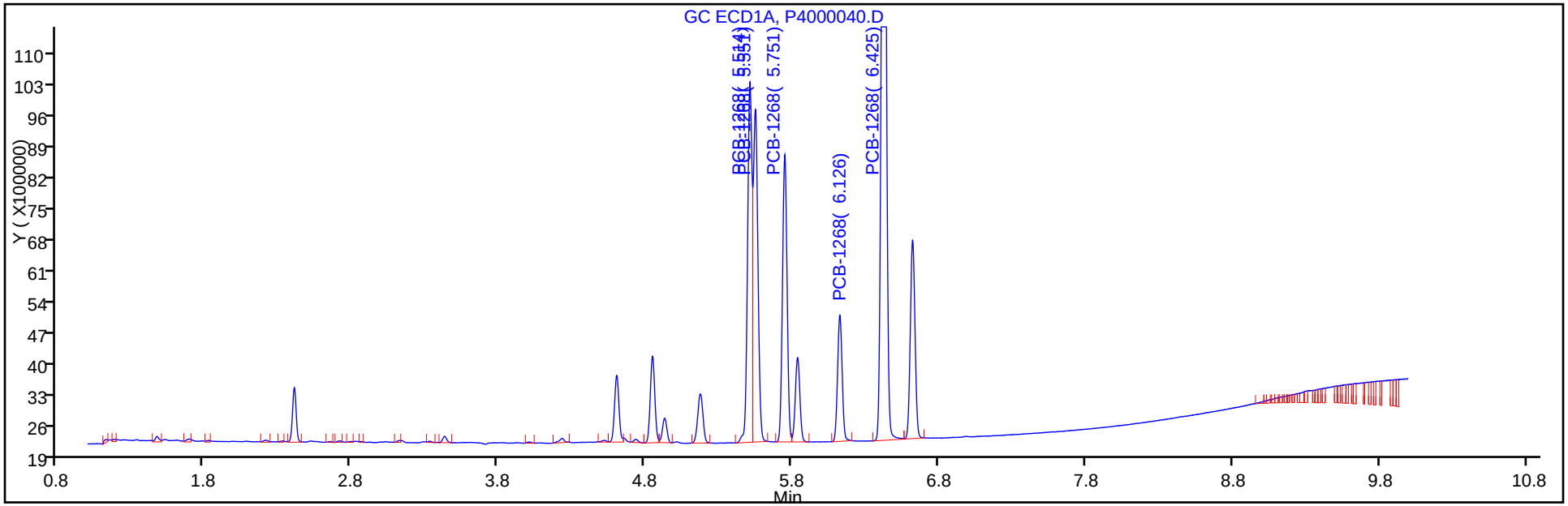
Report Date: 05-Dec-2012 06:33:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

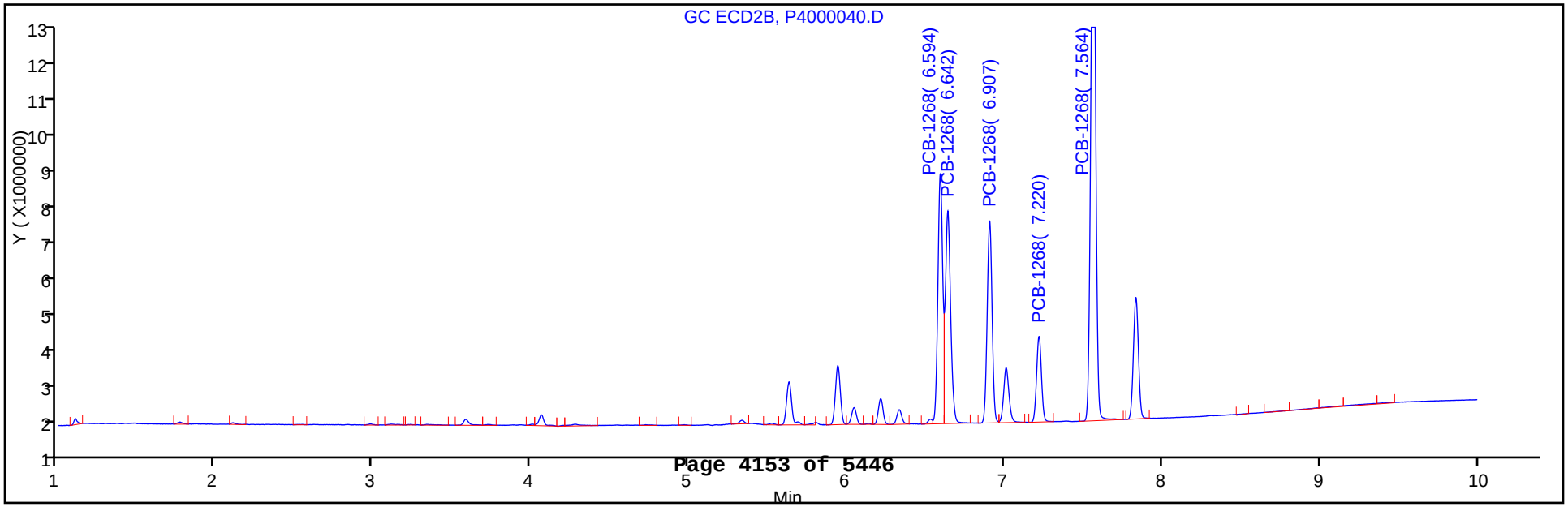
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000040.D

Injection Date:	04-Dec-2012 18:15:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	40
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000041.D
Lims ID: STD02 1268 Client ID:
Inject. Date: 04-Dec-2012 18:31:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015497-041
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 41
Lims Batch ID: 67207 Lims Sample ID: 41
Sublist: chrom-PCB4*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:32 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 PCB-1268									
1	100	5.515	5.515	0.000	35242066	0.2021		100.0	
1	2	5.551	5.550	0.001	33661729	0.2034	70.5- 120.5	95.5	
1	3	5.751	5.752	-0.001	28782577	0.2021	56.7- 106.7	81.7	
1	4	6.126	6.126	0.000	12534125	0.2024	10.6- 60.6	35.6	
1	5	6.426	6.425	0.001	93618429	0.2036	240.6- 290.6	265.6	
			Average of Peak Amounts =			0.2027			
2	6	6.595	6.593	0.002	30289490	0.1998		100.0	
2	7	6.642	6.641	0.001	28410464	0.2021	63.8- 123.8	93.8	
2	8	6.907	6.905	0.002	24968995	0.2006	52.4- 112.4	82.4	
2	9	7.221	7.219	0.002	10417123	0.2017	4.4- 64.4	34.4	
2	10	7.564	7.563	0.001	72604946	0.2006	209.7- 269.7	239.7	
			Average of Peak Amounts =			0.2010			
						RPD = 0.86			

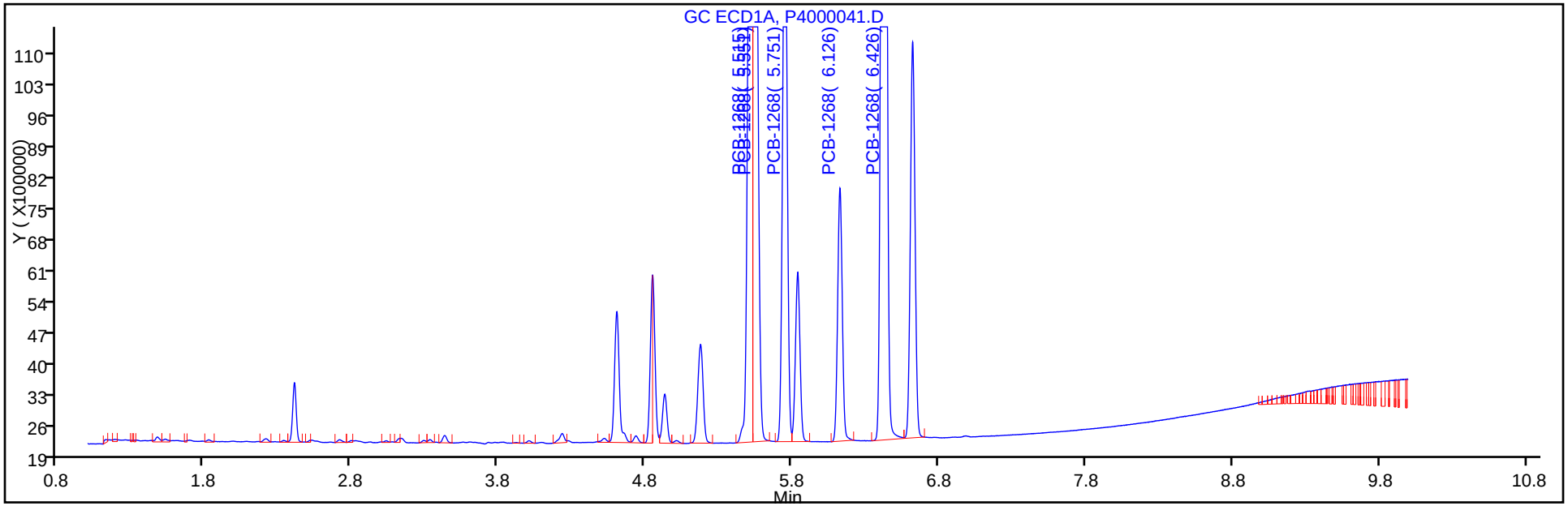
Report Date: 05-Dec-2012 06:33:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

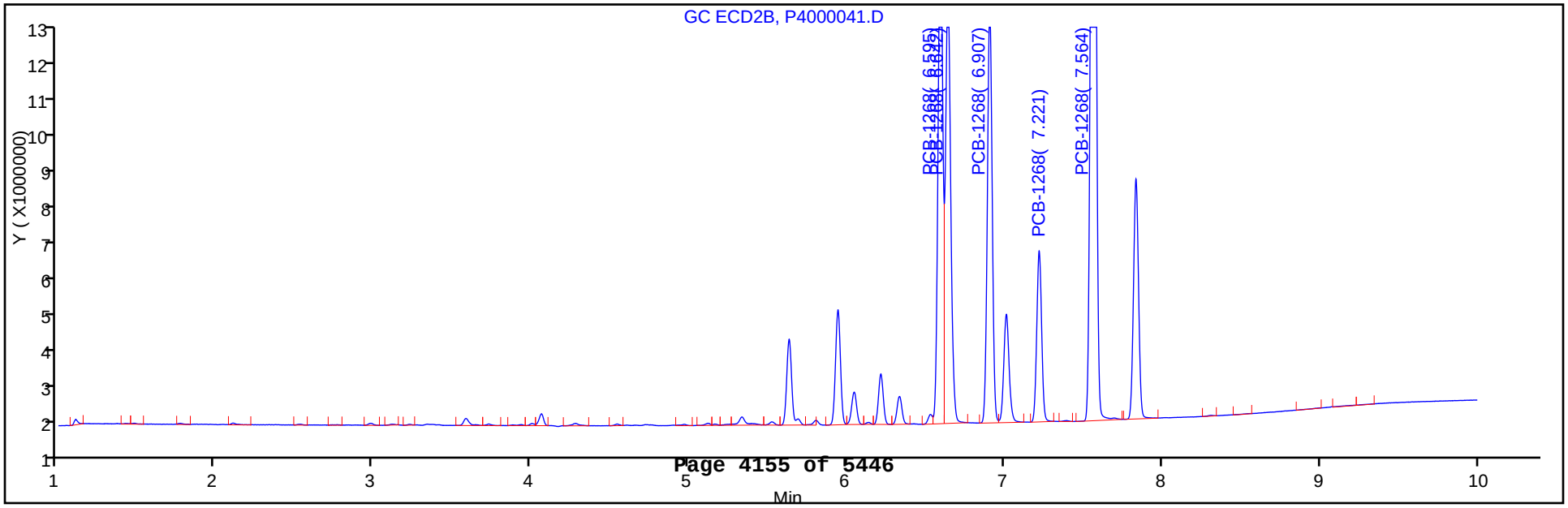
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000041.D

Injection Date:	04-Dec-2012 18:31:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	41
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000042.D
Lims ID: STD05 1268 Client ID:
Inject. Date: 04-Dec-2012 18:46:55 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015497-042
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 42
Lims Batch ID: 67207 Lims Sample ID: 42
Sublist: chrom-PCB4*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:31 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 PCB-1268									
1	100	5.514	5.515	-0.001	83695844	0.4799		100.0	
1	2	5.550	5.550	0.000	81593528	0.4930	70.5- 120.5	97.5	
1	3	5.750	5.752	-0.002	68877570	0.4836	56.7- 106.7	82.3	
1	4	6.126	6.126	0.000	29639958	0.4786	10.6- 60.6	35.4	
1	5	6.425	6.425	0.000	224709392	0.4886	240.6- 290.6	268.5	
			Average of Peak Amounts =			0.4847			
2	6	6.594	6.593	0.001	72965141	0.4812		100.0	
2	7	6.641	6.641	0.000	67794488	0.4822	63.8- 123.8	92.9	
2	8	6.907	6.905	0.002	59681172	0.4795	52.4- 112.4	81.8	
2	9	7.220	7.219	0.001	24518228	0.4747	4.4- 64.4	33.6	
2	10	7.564	7.563	0.001	175925991	0.4861	209.7- 269.7	241.1	
			Average of Peak Amounts =			0.4808			
						RPD = 0.83			

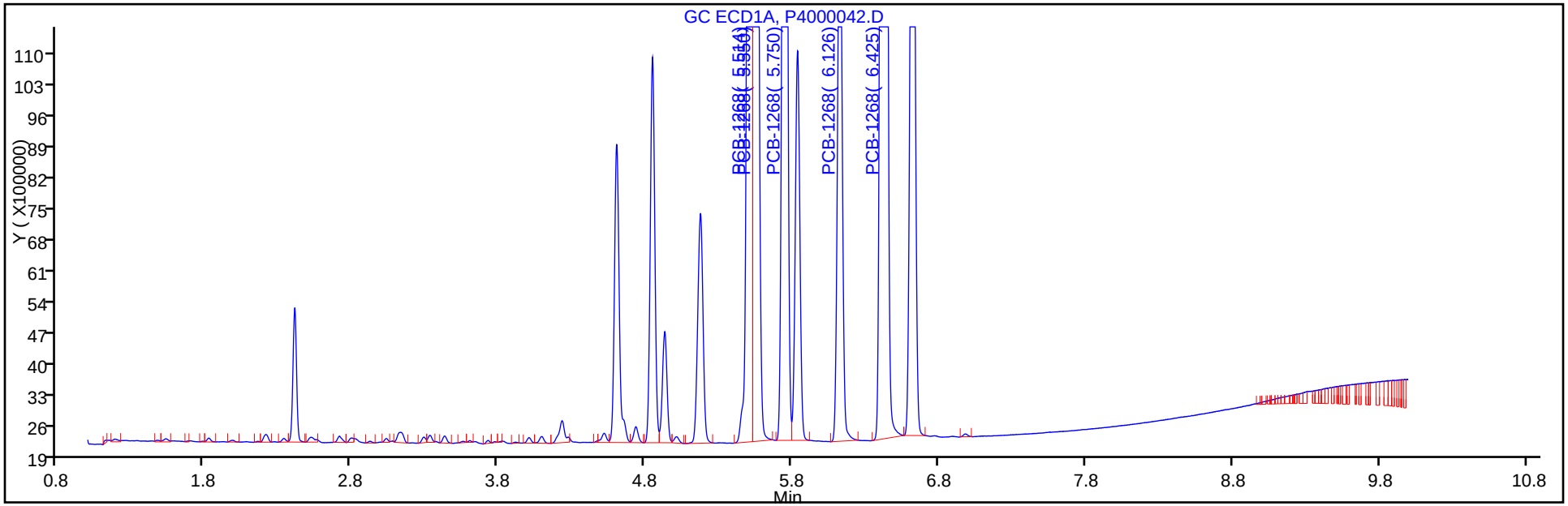
Report Date: 05-Dec-2012 06:33:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

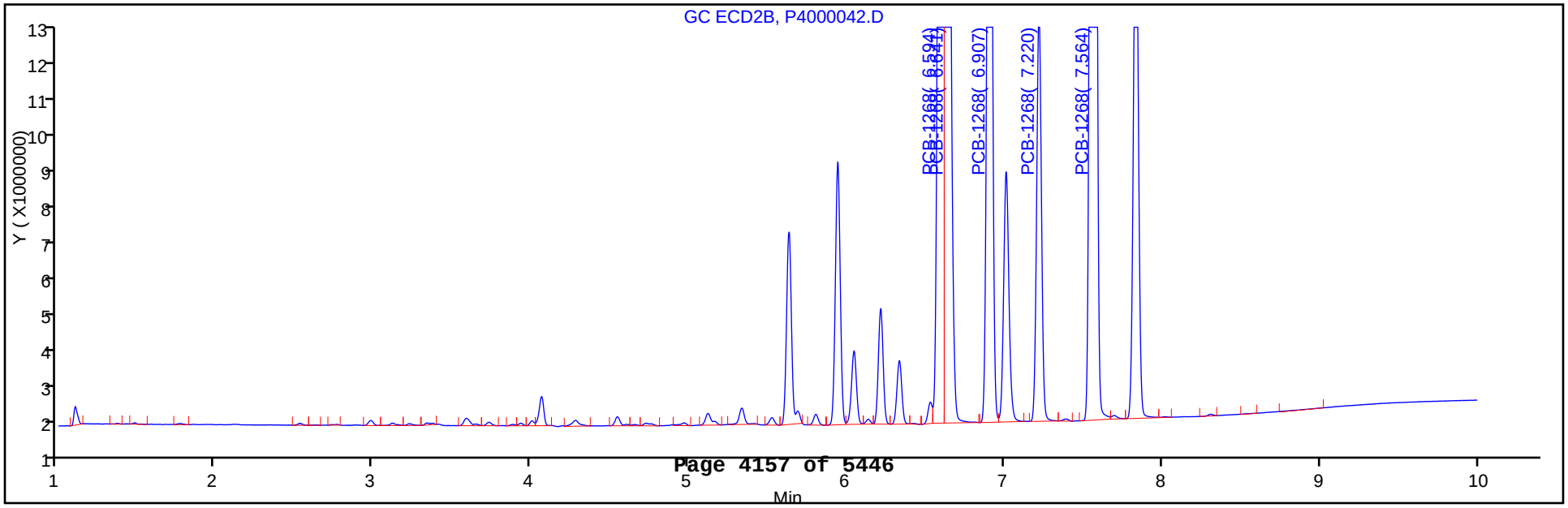
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000042.D

Injection Date:	04-Dec-2012 18:46:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	42
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000043.D
Lims ID: STD1 1268 Client ID:
Inject. Date: 04-Dec-2012 19:02:40 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015497-043
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 43
Lims Batch ID: 67207 Lims Sample ID: 43
Sublist: chrom-PCB4*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:29 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 PCB-1268									
1	100	5.514	5.515	-0.001	164795292	0.9449		100.0	
1	2	5.551	5.550	0.001	157114650	0.9494	70.5- 120.5	95.3	
1	3	5.751	5.752	-0.001	134259272	0.9426	56.7- 106.7	81.5	
1	4	6.125	6.126	-0.001	57121192	0.9223	10.6- 60.6	34.7	
1	5	6.426	6.425	0.001	437278320	0.9508	240.6- 290.6	265.3	
			Average of Peak Amounts =			0.9420			
2	6	6.595	6.593	0.002	143549085	0.9467		100.0	
2	7	6.642	6.641	0.001	132434318	0.9420	63.8- 123.8	92.3	
2	8	6.908	6.905	0.003	117448406	0.9437	52.4- 112.4	81.8	
2	9	7.220	7.219	0.001	47285136	0.9156	4.4- 64.4	32.9	
2	10	7.565	7.563	0.002	346578883	0.9576	209.7- 269.7	241.4	
			Average of Peak Amounts =			0.9411			
						RPD = 0.09			

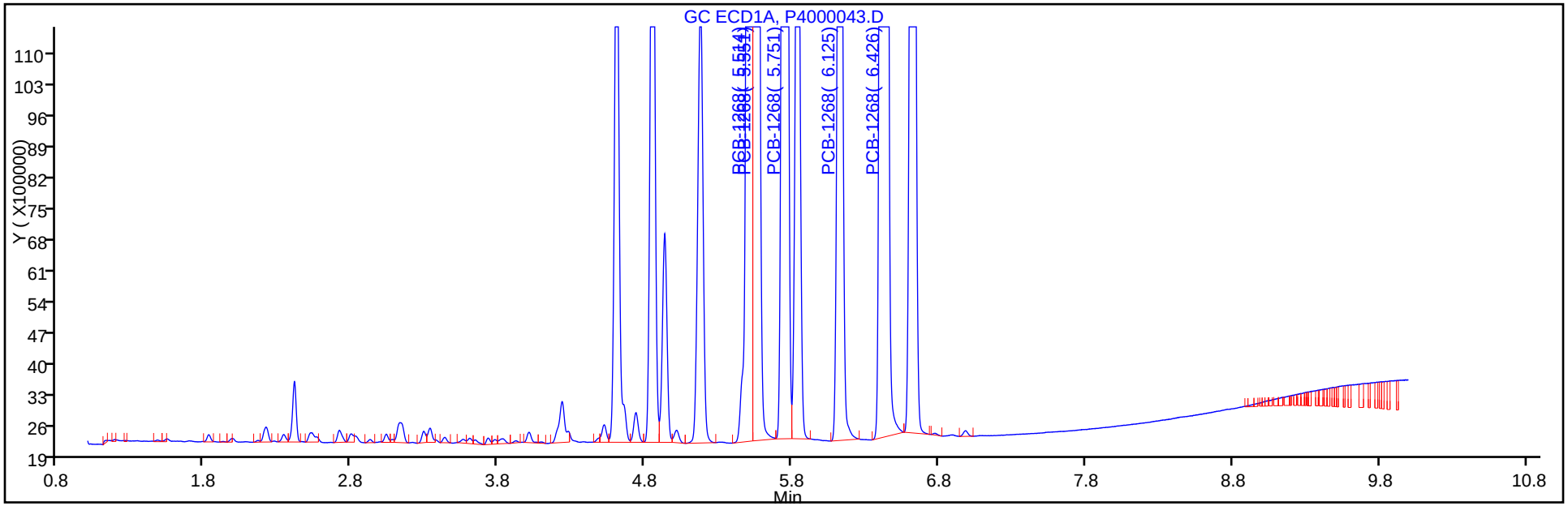
Report Date: 05-Dec-2012 06:33:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

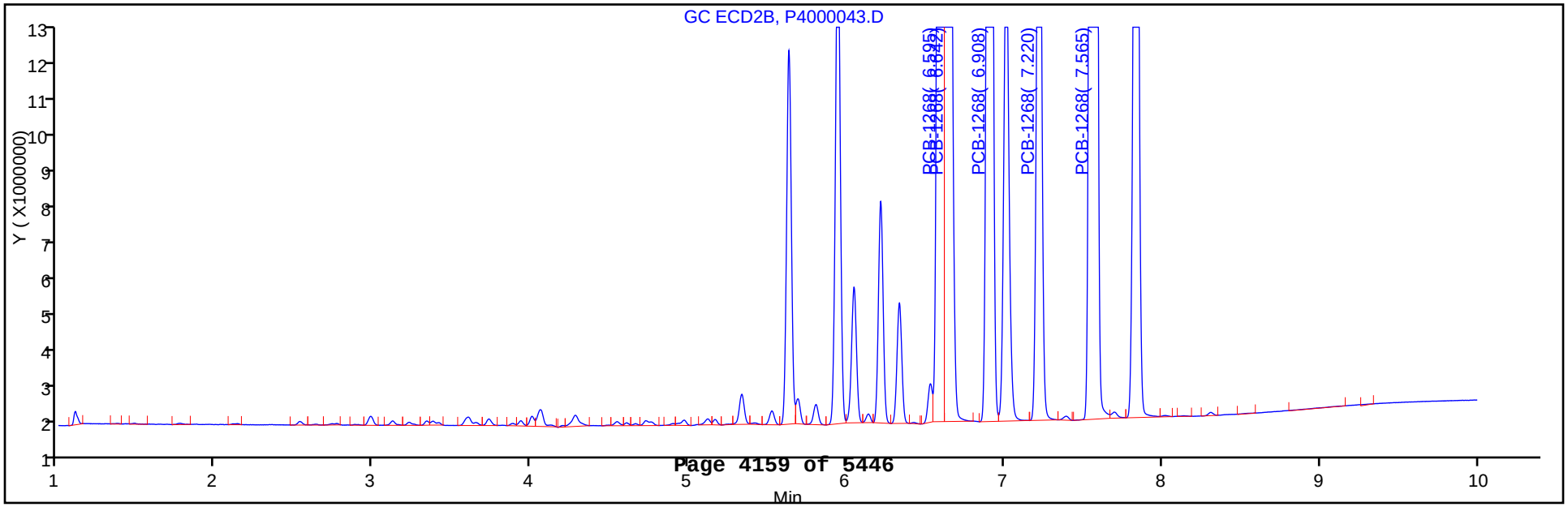
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000043.D

Injection Date:	04-Dec-2012 19:02:40	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	43
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Lims ID: STD2 1268 Client ID:
Inject. Date: 04-Dec-2012 19:18:24 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015497-044
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 44
Lims Batch ID: 67207 Lims Sample ID: 44
Sublist: chrom-PCB4*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:28 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 PCB-1268									
1	100	5.513	5.515	-0.002	321181301	1.84		100.0	
1	2	5.552	5.550	0.002	307644501	1.86	70.5- 120.5	95.8	
1	3	5.750	5.752	-0.002	263574759	1.85	56.7- 106.7	82.1	
1	4	6.126	6.126	0.000	113163331	1.83	10.6- 60.6	35.2	
1	5	6.426	6.425	0.001	864766350	1.88	240.6- 290.6	269.2	
			Average of Peak Amounts =			1.85			
2	6	6.593	6.593	0.000	283445149	1.87		100.0	
2	7	6.641	6.641	0.000	263759570	1.88	63.8- 123.8	93.1	
2	8	6.906	6.905	0.001	233503664	1.88	52.4- 112.4	82.4	
2	9	7.219	7.219	0.000	94290955	1.83	4.4- 64.4	33.3	
2	10	7.563	7.563	0.000	703220169	1.94	209.7- 269.7	248.1	
			Average of Peak Amounts =			1.88			
						RPD = 1.41			

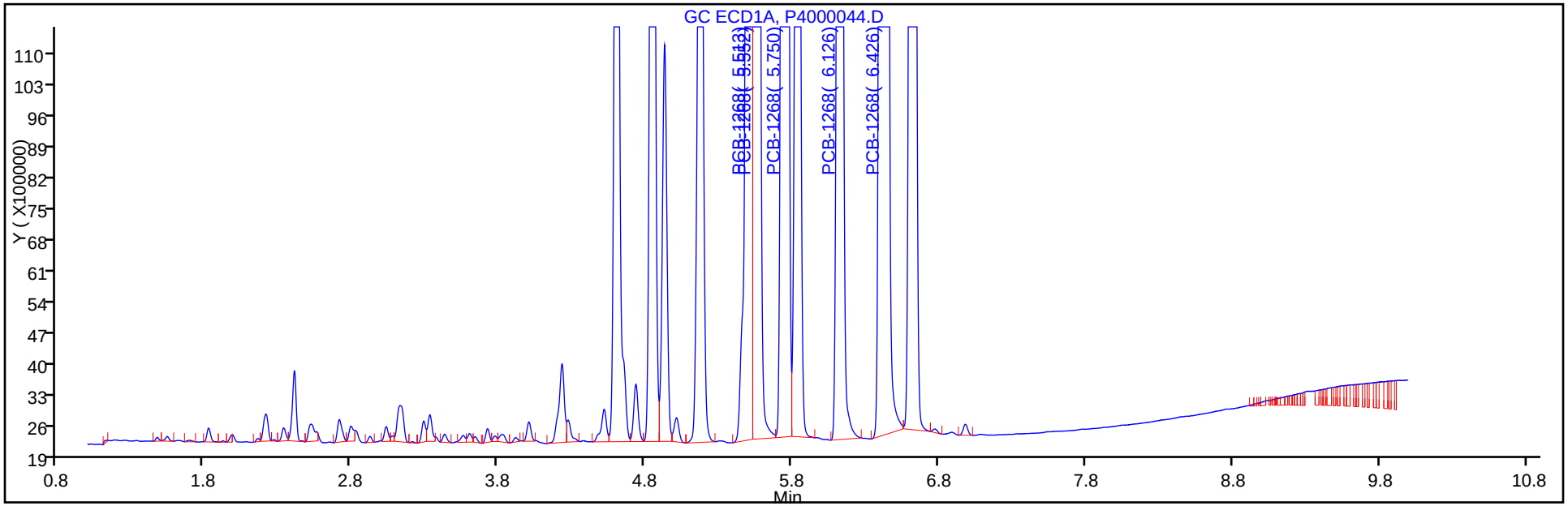
Report Date: 05-Dec-2012 06:33:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

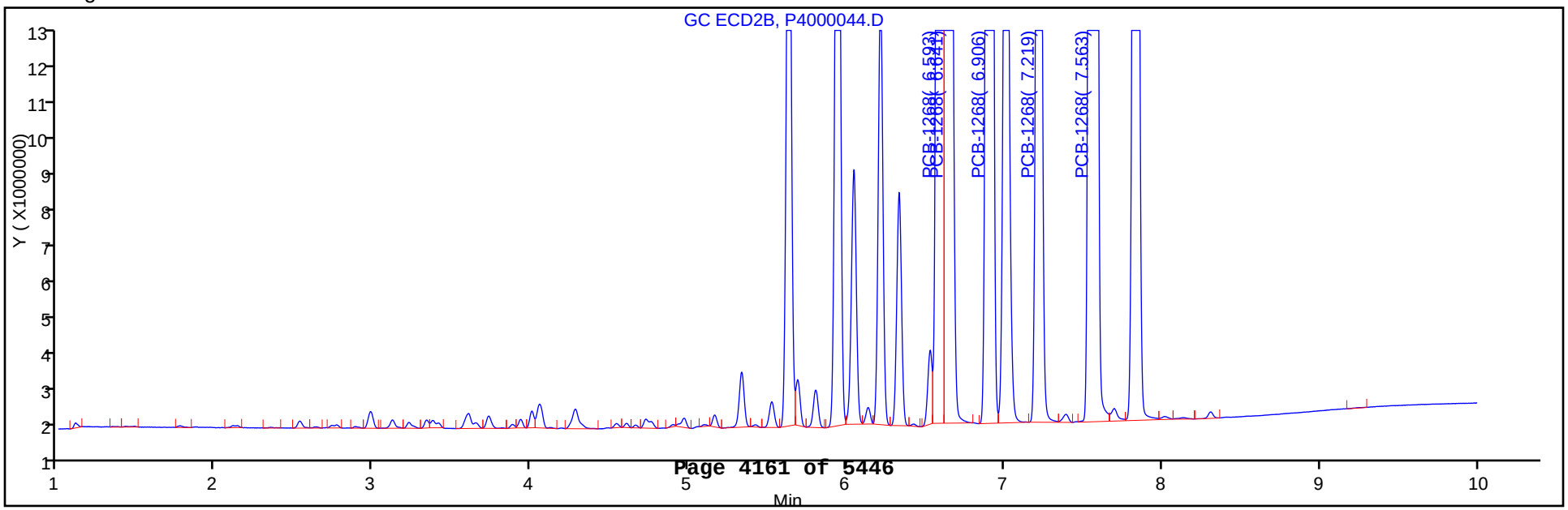
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D

Injection Date:	04-Dec-2012 19:18:24	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	44
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/45 Calibration Date: 10/22/2012 03:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300045.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	21610860	20320734		0.940	1.00	-6.0	20.0
PCB-1221 Peak 2	Qua		7360657		0.960	1.00	-4.0	20.0
PCB-1221 Peak 3	Ave	56991135	50457393		0.885	1.00	-11.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/45 Calibration Date: 10/22/2012 03:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300045.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	1.44	1.39	1.49
PCB-1221 Peak 2	1.56	1.50	1.60
PCB-1221 Peak 3	1.59	1.54	1.64

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D
Lims ID: ICV 1221 Client ID:
Inject. Date: 22-Oct-2012 03:19:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-045
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 62068 Lims Sample ID: 45
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:20:04 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:10:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	20320734	0.9403		100.0	
1	3	1.557	1.554	0.003	7360657	0.9603	25.0- 75.0	36.2	M
1	4	1.587	1.586	0.001	50457393	0.8854	233.2- 283.2	248.3	M
			Average of Peak Amounts =			0.9286			
2	4	1.947	1.948	-0.001	12351132	0.9324		100.0	
2	5	2.087	2.088	-0.001	8147286	0.9273	37.0- 97.0	66.0	
2	6	2.147	2.148	-0.001	29820772	0.9386	210.7- 270.7	241.4	
			Average of Peak Amounts =			0.9328			
						RPD = 0.44			

QC Flag Legend

Review Flags
M - Manually Integrated

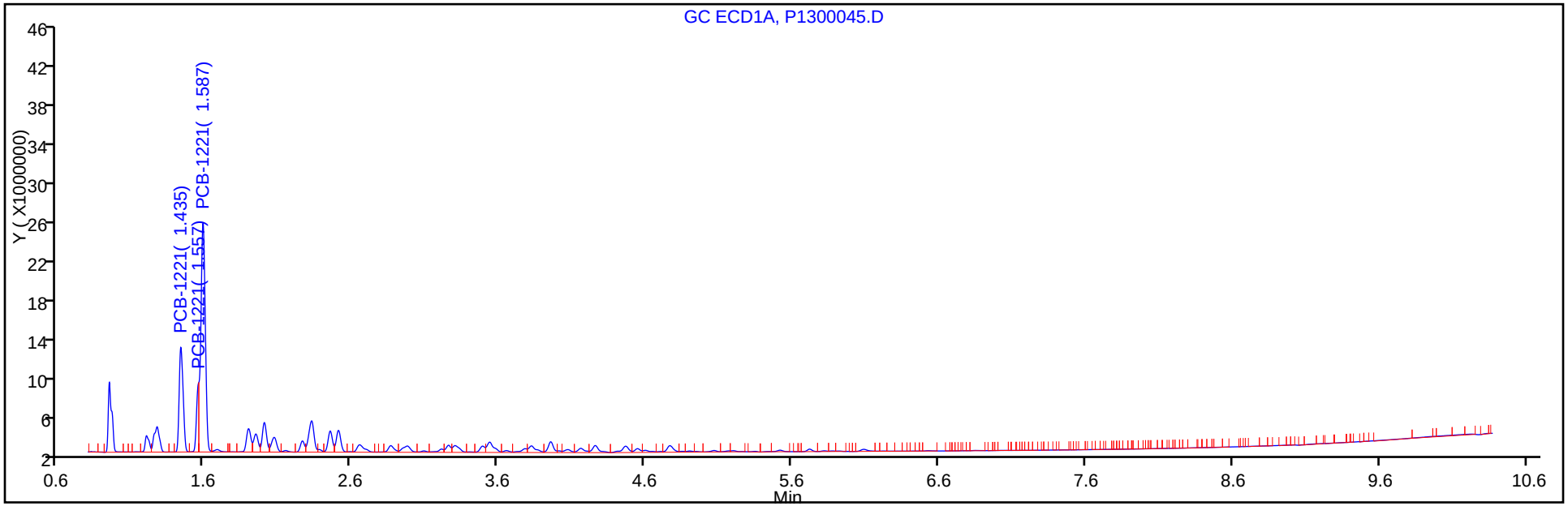
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

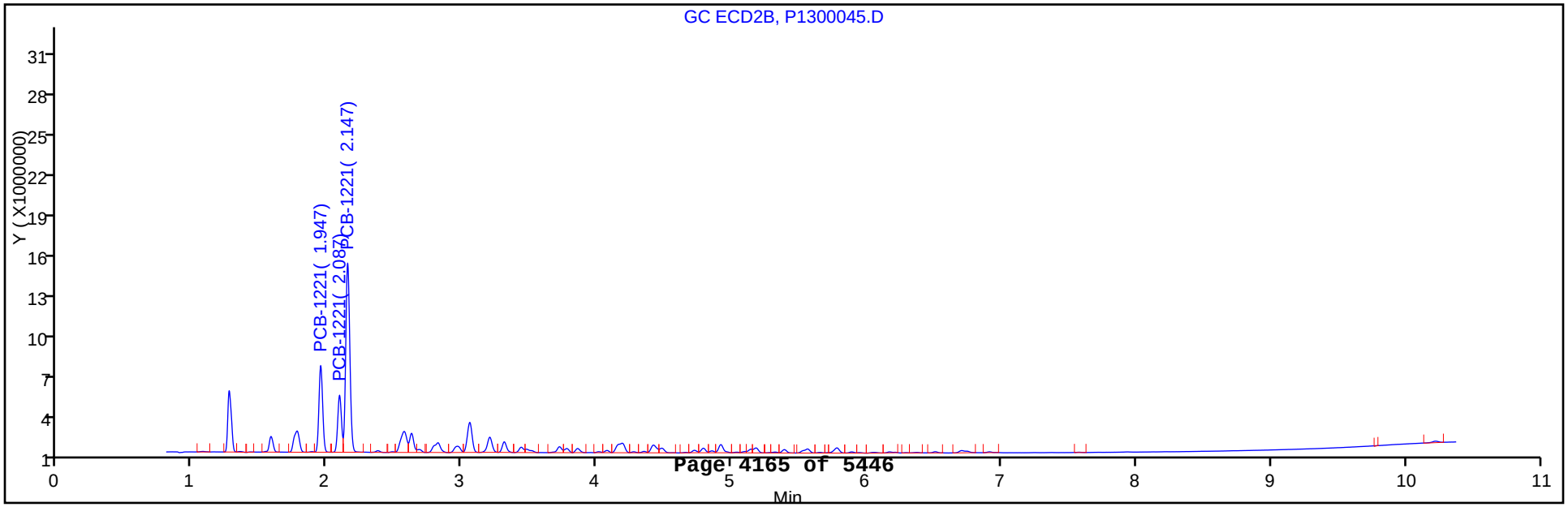
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

Injection Date:	22-Oct-2012 03:19:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



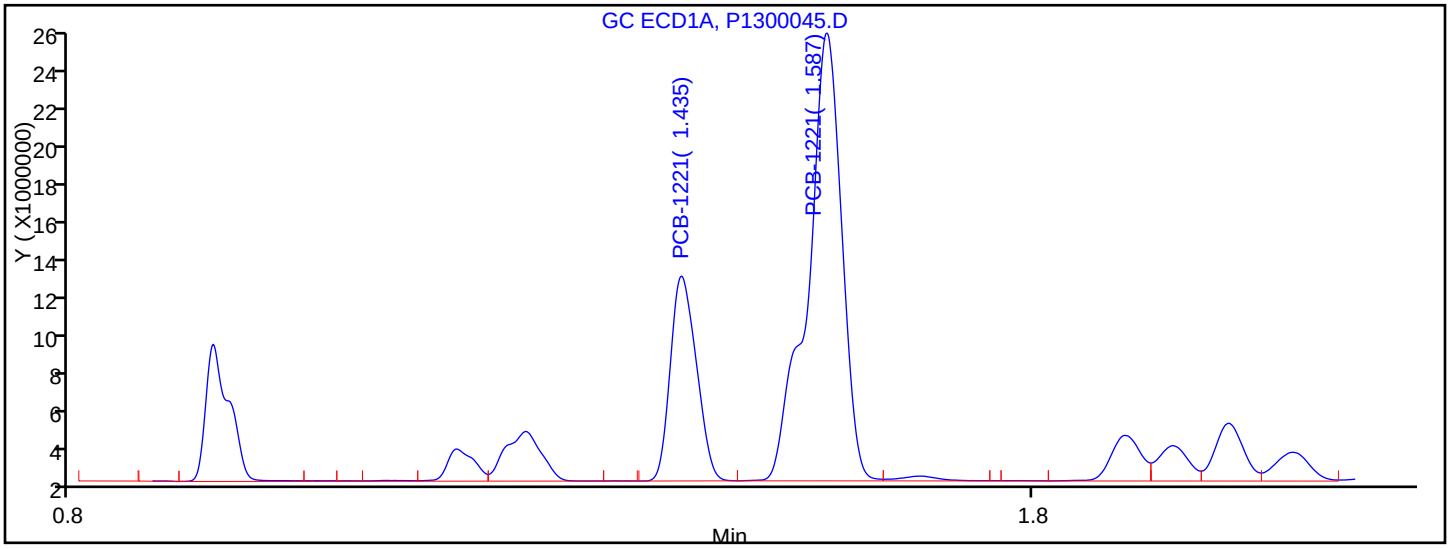
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

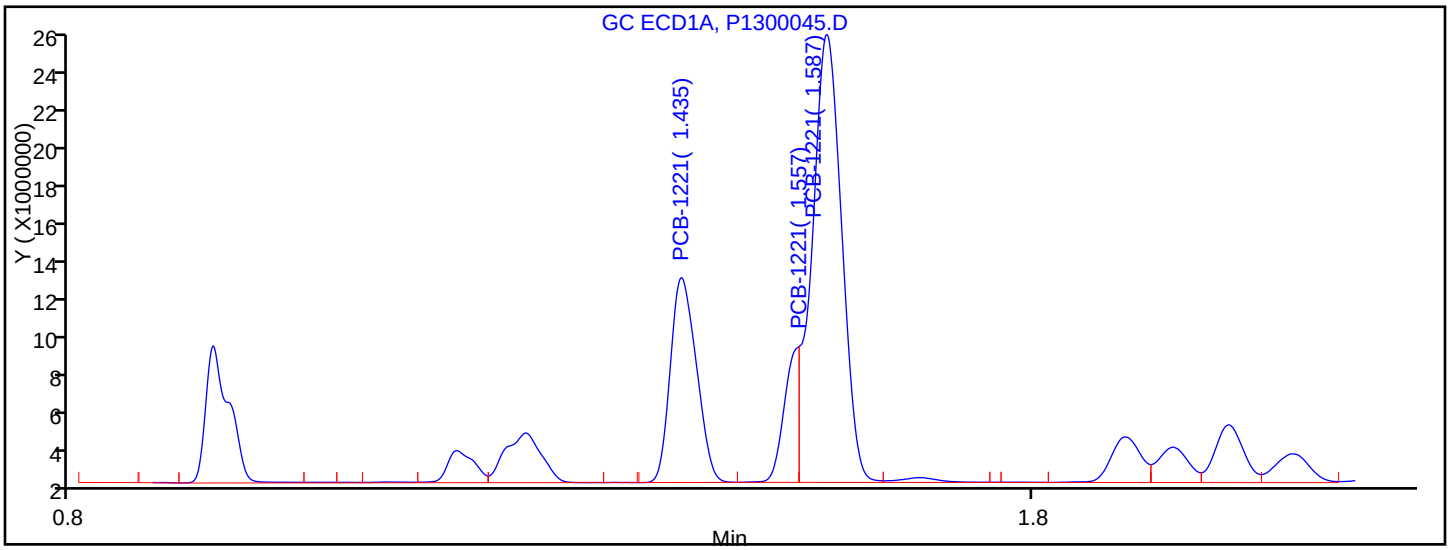
Injection Date:	22-Oct-2012 03:19:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 20320734	
RT = 1.586	Response = 0	M
RT = 1.587	Response = 57818081	M



Manual Integration Results

RT = 1.435	Response = 20320734	
RT = 1.557	Response = 7360657	M
RT = 1.587	Response = 50457393	M

Reviewer: hassl, 22-Oct-2012 09:10:49

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/45 Calibration Date: 10/22/2012 03:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300045.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	13246658	12351132		0.932	1.00	-6.8	20.0
PCB-1221 Peak 2	Ave	8785681	8147286		0.927	1.00	-7.3	20.0
PCB-1221 Peak 3	Ave	31772831	29820772		0.939	1.00	-6.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/45 Calibration Date: 10/22/2012 03:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300045.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	1.95	1.90	2.00
PCB-1221 Peak 2	2.09	2.04	2.14
PCB-1221 Peak 3	2.15	2.10	2.20

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D
Lims ID: ICV 1221 Client ID:
Inject. Date: 22-Oct-2012 03:19:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-045
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 62068 Lims Sample ID: 45
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:20:04 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:10:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	20320734	0.9403		100.0	
1	3	1.557	1.554	0.003	7360657	0.9603	25.0- 75.0	36.2	M
1	4	1.587	1.586	0.001	50457393	0.8854	233.2- 283.2	248.3	M
			Average of Peak Amounts =			0.9286			
2	4	1.947	1.948	-0.001	12351132	0.9324		100.0	
2	5	2.087	2.088	-0.001	8147286	0.9273	37.0- 97.0	66.0	
2	6	2.147	2.148	-0.001	29820772	0.9386	210.7- 270.7	241.4	
			Average of Peak Amounts =			0.9328			
						RPD = 0.44			

QC Flag Legend

Review Flags
M - Manually Integrated

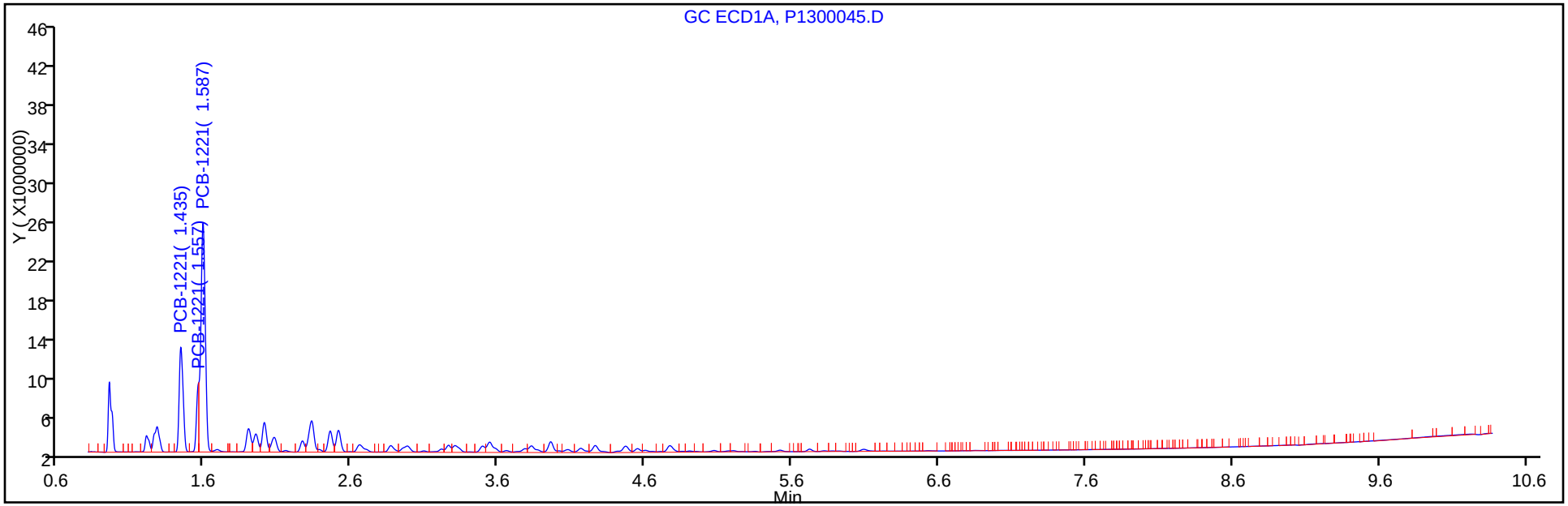
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

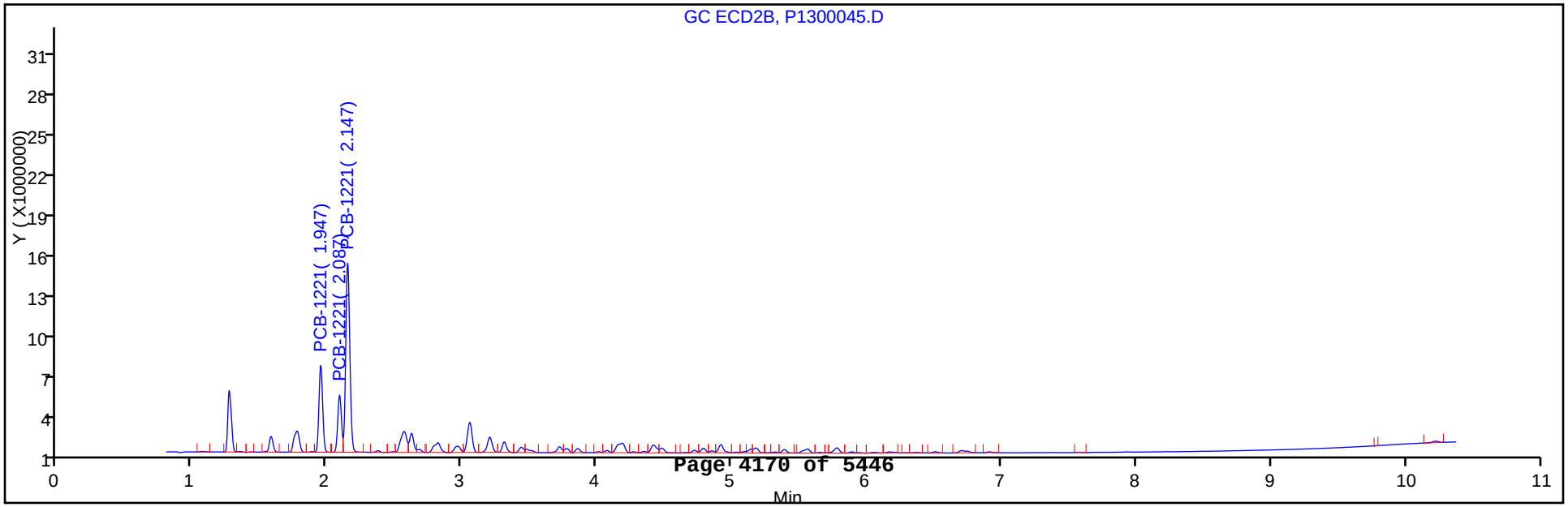
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

Injection Date:	22-Oct-2012 03:19:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/46 Calibration Date: 10/22/2012 03:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 16:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 18:07

Lab File ID: P1300046.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	43047684	42447096		0.986	1.00	-1.4	20.0
PCB-1232 Peak 2	Ave	35621771	36739191		1.03	1.00	3.1	20.0
PCB-1232 Peak 3	Ave	71317840	70927508		0.995	1.00	-0.5	20.0
PCB-1232 Peak 4	Ave	27280514	32224604		1.18	1.00	18.1	20.0
PCB-1232 Peak 5	Ave	29221734	31581550		1.08	1.00	8.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/46 Calibration Date: 10/22/2012 03:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 16:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 18:07

Lab File ID: P1300046.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	1.59	1.54	1.64
PCB-1232 Peak 2	1.90	1.85	1.95
PCB-1232 Peak 3	2.32	2.27	2.37
PCB-1232 Peak 4	2.45	2.41	2.51
PCB-1232 Peak 5	2.87	2.82	2.92

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D
Lims ID: ICV 1232 Client ID:
Inject. Date: 22-Oct-2012 03:34:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-046
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 62068 Lims Sample ID: 46
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:11:37

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	42447096	0.9860		100.0	M
1	2	1.896	1.898	-0.002	36739191	1.03	57.1- 107.1	86.6	
1	3	2.324	2.323	0.001	70927508	0.99	143.5- 193.5	167.1	
1	4	2.453	2.455	-0.002	32224604	1.18	40.1- 90.1	75.9	
1	5	2.866	2.867	-0.001	31581550	1.08	41.3- 91.3	74.4	
			Average of Peak Amounts =			1.05			
2	6	2.147	2.148	-0.001	25949740	1.07		100.0	
2	7	2.571	2.573	-0.002	25300266	1.08	67.8- 127.8	97.5	
2	8	3.053	3.054	-0.001	45166344	1.11	132.2- 192.2	174.1	
2	9	3.200	3.201	-0.001	18873718	1.08	40.5- 100.5	72.7	
2	10	3.854	3.854	0.000	16323452	1.10	30.2- 90.2	62.9	
			Average of Peak Amounts =			1.09			
						RPD = 3.05			

QC Flag Legend

Review Flags
M - Manually Integrated

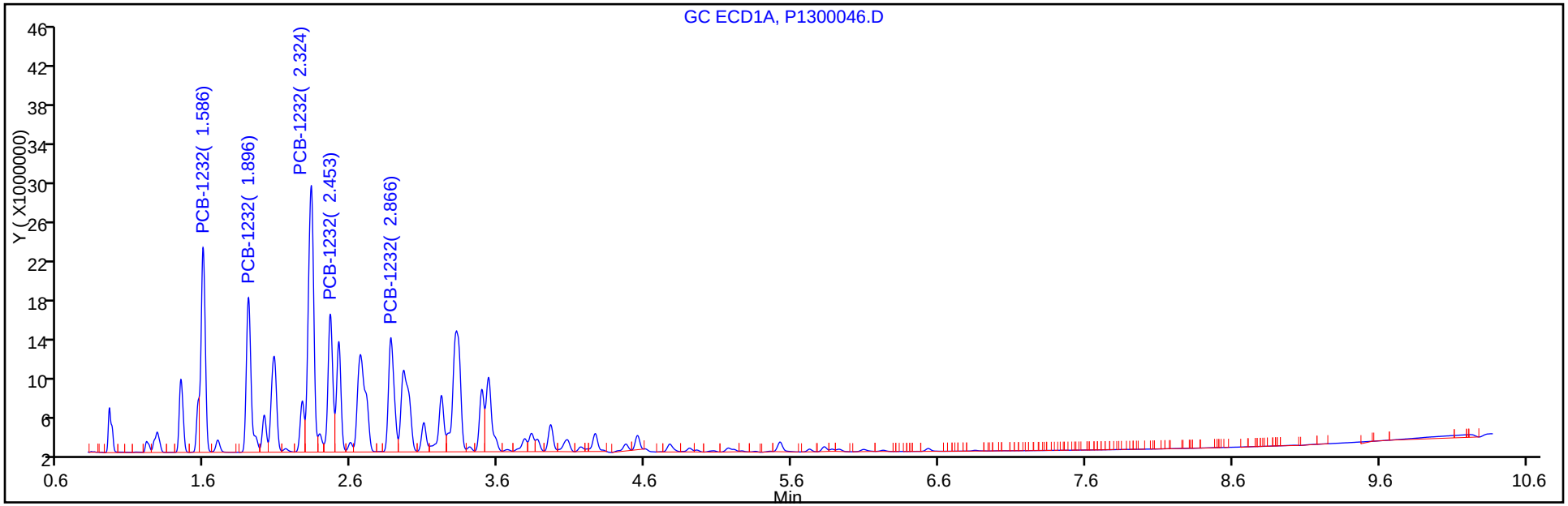
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

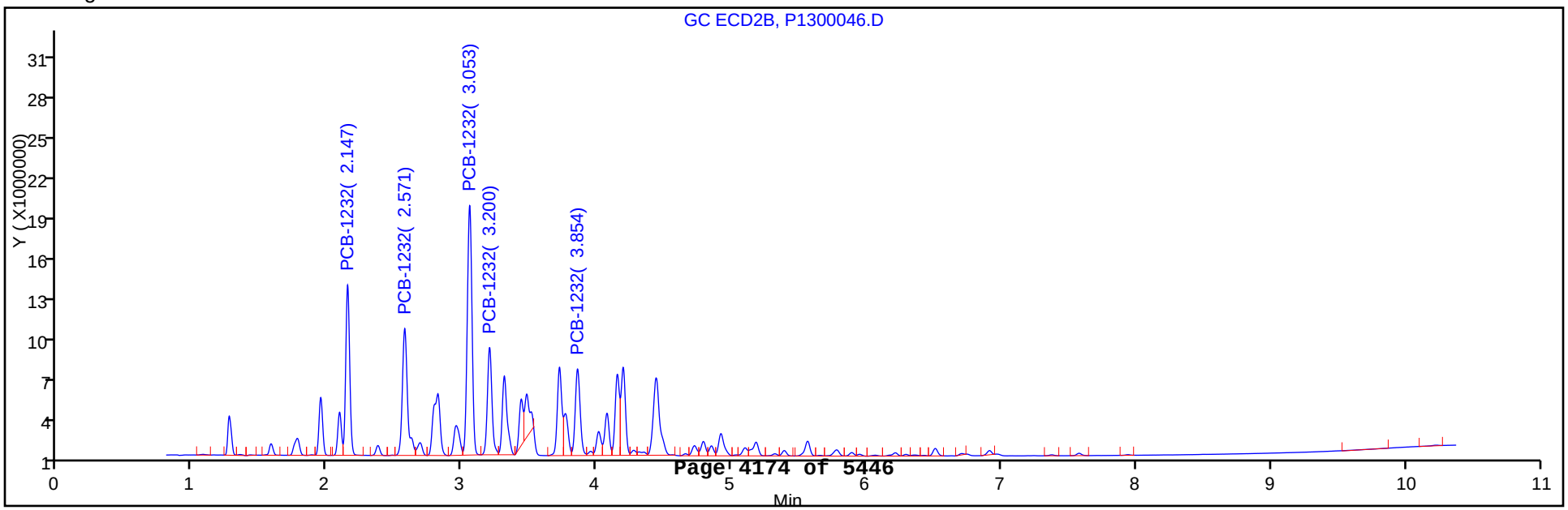
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

Injection Date:	22-Oct-2012 03:34:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



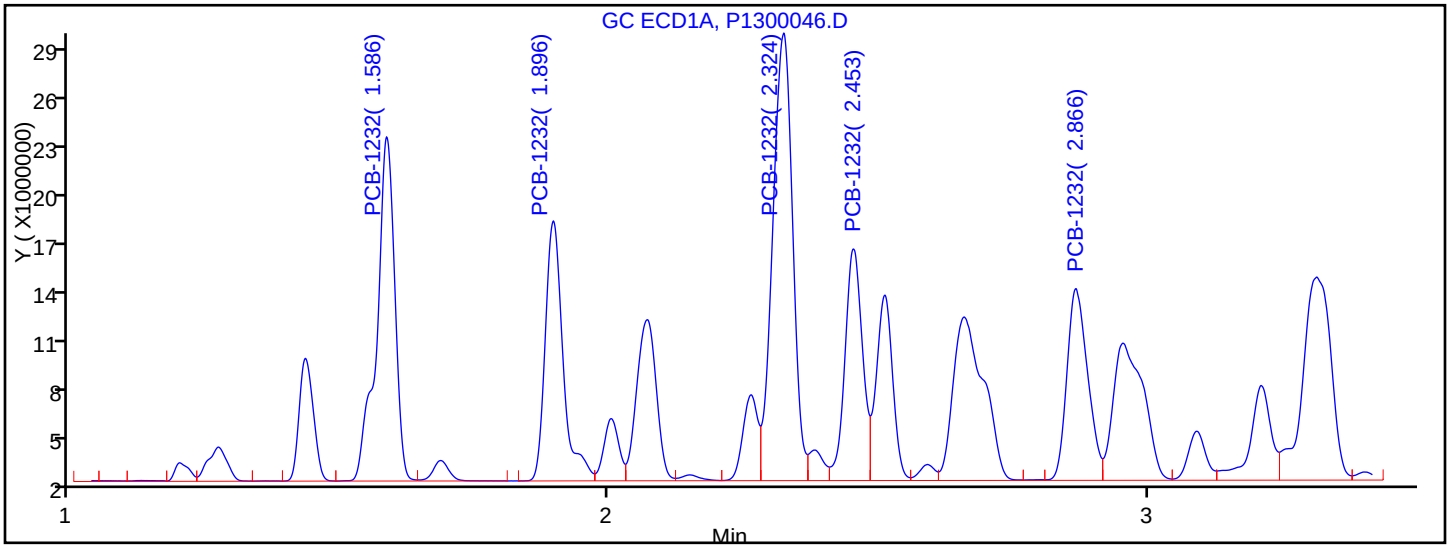
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

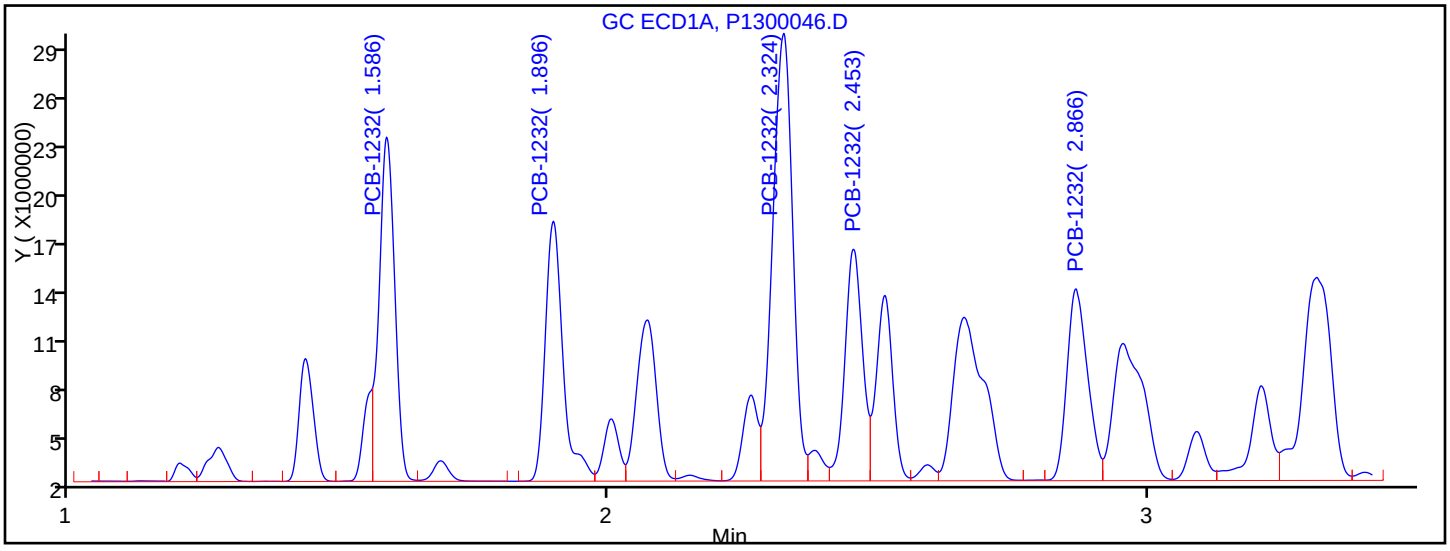
Injection Date:	22-Oct-2012 03:34:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 48960234	M
RT = 1.896	Response = 36739191	
RT = 2.324	Response = 70927508	
RT = 2.453	Response = 32224604	
RT = 2.866	Response = 31581550	



Manual Integration Results

RT = 1.586	Response = 42447096	M
RT = 1.896	Response = 36739191	
RT = 2.324	Response = 70927508	
RT = 2.453	Response = 32224604	
RT = 2.866	Response = 31581550	

Reviewer: hassl, 22-Oct-2012 09:16:14

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/46 Calibration Date: 10/22/2012 03:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 16:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 18:07

Lab File ID: P1300046.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	24300815	25949740		1.07	1.00	6.8	20.0
PCB-1232 Peak 2	Ave	23466837	25300266		1.08	1.00	7.8	20.0
PCB-1232 Peak 3	Ave	40526397	45166344		1.11	1.00	11.4	20.0
PCB-1232 Peak 4	Ave	17512364	18873718		1.08	1.00	7.8	20.0
PCB-1232 Peak 5	Ave	14852933	16323452		1.10	1.00	9.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/46 Calibration Date: 10/22/2012 03:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 16:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 18:07

Lab File ID: P1300046.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	2.15	2.10	2.20
PCB-1232 Peak 2	2.57	2.52	2.62
PCB-1232 Peak 3	3.05	3.00	3.10
PCB-1232 Peak 4	3.20	3.15	3.25
PCB-1232 Peak 5	3.85	3.80	3.90

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D
Lims ID: ICV 1232 Client ID:
Inject. Date: 22-Oct-2012 03:34:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-046
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 62068 Lims Sample ID: 46
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:11:37

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	42447096	0.9860		100.0	M
1	2	1.896	1.898	-0.002	36739191	1.03	57.1- 107.1	86.6	
1	3	2.324	2.323	0.001	70927508	0.99	143.5- 193.5	167.1	
1	4	2.453	2.455	-0.002	32224604	1.18	40.1- 90.1	75.9	
1	5	2.866	2.867	-0.001	31581550	1.08	41.3- 91.3	74.4	
			Average of Peak Amounts =			1.05			
2	6	2.147	2.148	-0.001	25949740	1.07		100.0	
2	7	2.571	2.573	-0.002	25300266	1.08	67.8- 127.8	97.5	
2	8	3.053	3.054	-0.001	45166344	1.11	132.2- 192.2	174.1	
2	9	3.200	3.201	-0.001	18873718	1.08	40.5- 100.5	72.7	
2	10	3.854	3.854	0.000	16323452	1.10	30.2- 90.2	62.9	
			Average of Peak Amounts =			1.09			
						RPD = 3.05			

QC Flag Legend

Review Flags
M - Manually Integrated

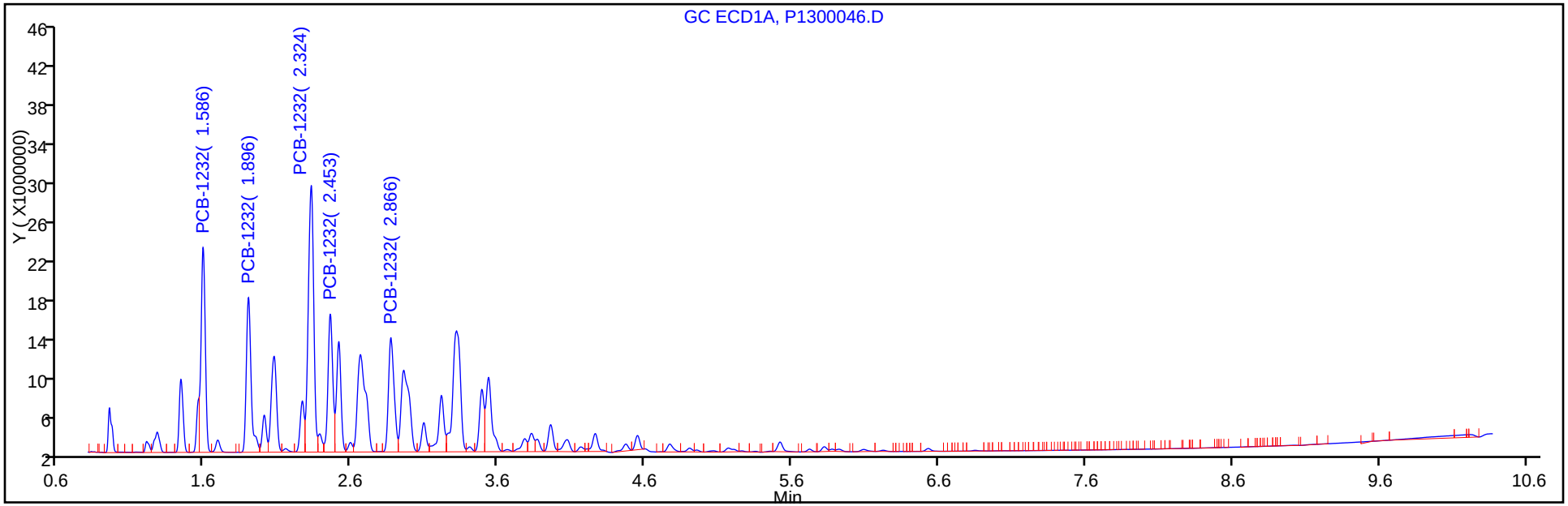
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

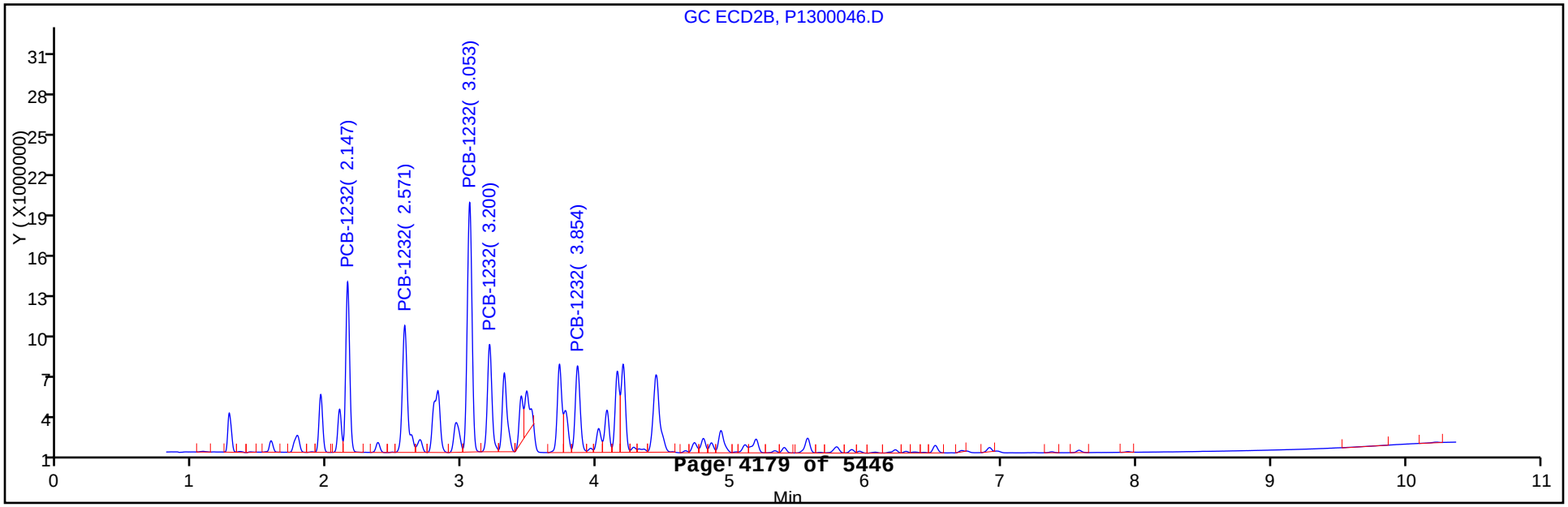
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

Injection Date:	22-Oct-2012 03:34:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/47 Calibration Date: 10/22/2012 03:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 18:22

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 19:37

Lab File ID: P1300047.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	32907992	31183923		0.948	1.00	-5.2	20.0
PCB-1242 Peak 2	Ave	59672785	55955291		0.938	1.00	-6.2	20.0
PCB-1242 Peak 3	Ave	127394823	113741548		0.893	1.00	-10.7	20.0
PCB-1242 Peak 4	Ave	51831636	52175029		1.01	1.00	0.7	20.0
PCB-1242 Peak 5	Ave	56160721	55256528		0.984	1.00	-1.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/47 Calibration Date: 10/22/2012 03:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 18:22

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 19:37

Lab File ID: P1300047.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	1.59	1.54	1.64
PCB-1242 Peak 2	1.90	1.85	1.95
PCB-1242 Peak 3	2.32	2.27	2.37
PCB-1242 Peak 4	2.45	2.40	2.50
PCB-1242 Peak 5	2.87	2.82	2.92

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D
Lims ID: ICV 1242 Client ID:
Inject. Date: 22-Oct-2012 03:49:26 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-047
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 47
Lims Batch ID: 62068 Lims Sample ID: 47
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:15:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.586	1.587	-0.001	31183923	0.9476		100.0	M
1	2	1.895	1.896	-0.001	55955291	0.9377	156.0- 206.0	179.4	
1	3	2.323	2.323	0.000	113741548	0.8928	355.0- 405.0	364.7	
1	4	2.454	2.454	0.000	52175029	1.01	131.0- 181.0	167.3	
1	5	2.867	2.868	-0.001	55256528	0.9839	142.4- 192.4	177.2	
			Average of Peak Amounts =			0.9537			
2	6	2.147	2.148	-0.001	17410907	0.9335		100.0	
2	7	2.571	2.573	-0.002	36507544	0.9584	176.6- 236.6	209.7	
2	8	3.053	3.053	0.000	72407501	1.00	356.3- 416.3	415.9	
2	9	3.201	3.202	-0.001	30129419	0.9667	135.8- 195.8	173.0	
2	10	3.720	3.719	0.001	27166293	0.9699	121.8- 181.8	156.0	
			Average of Peak Amounts =			0.9650			
						RPD = 1.17			

QC Flag Legend

Review Flags
M - Manually Integrated

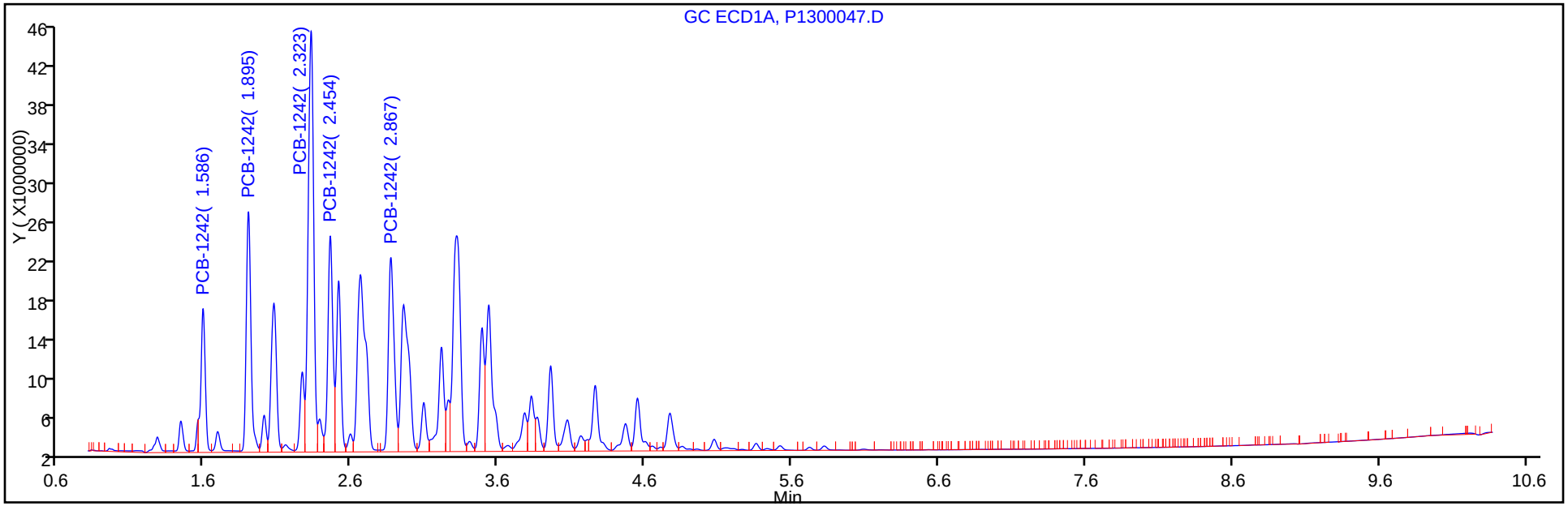
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

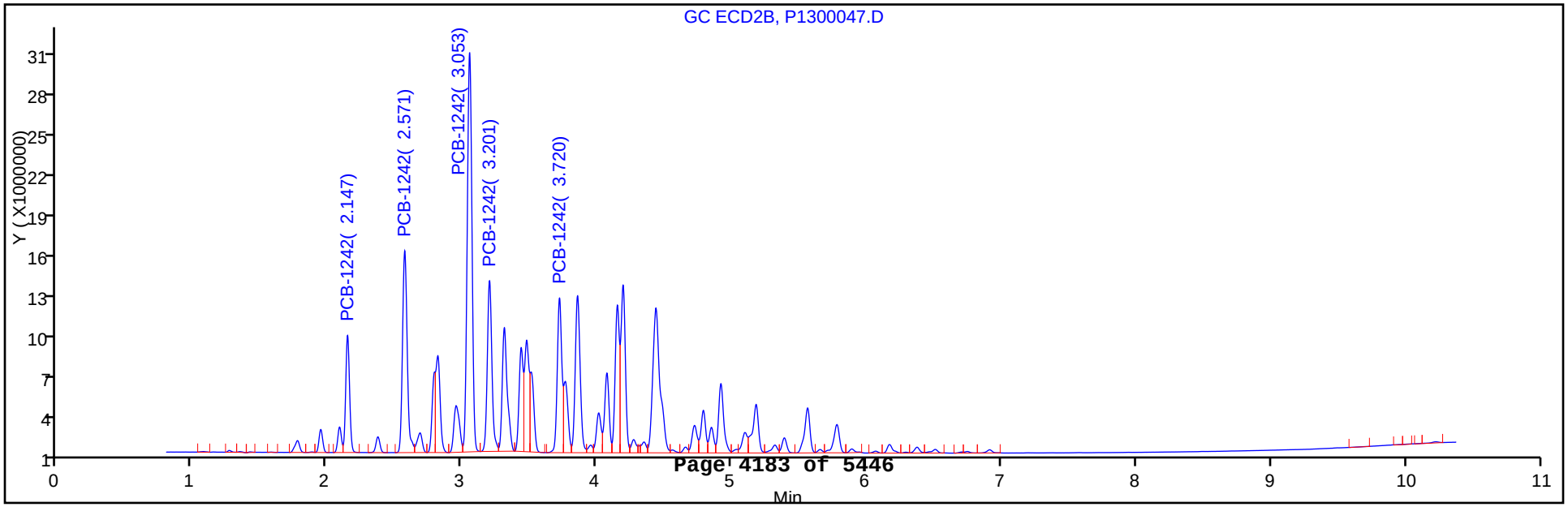
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

Injection Date:	22-Oct-2012 03:49:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



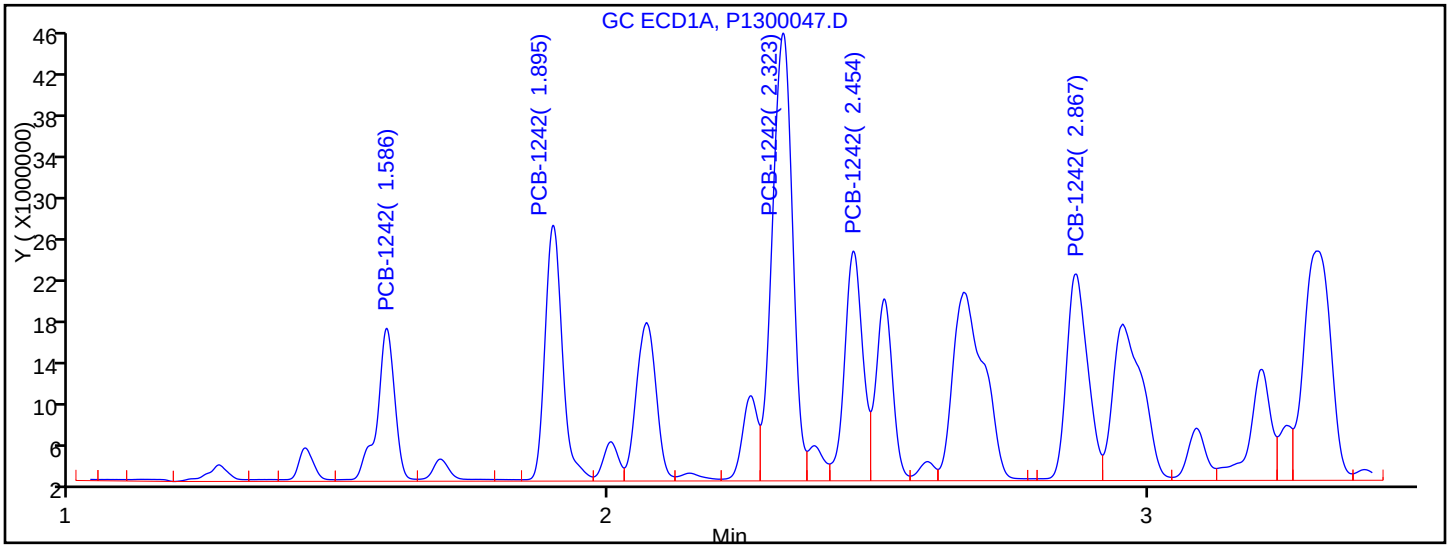
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

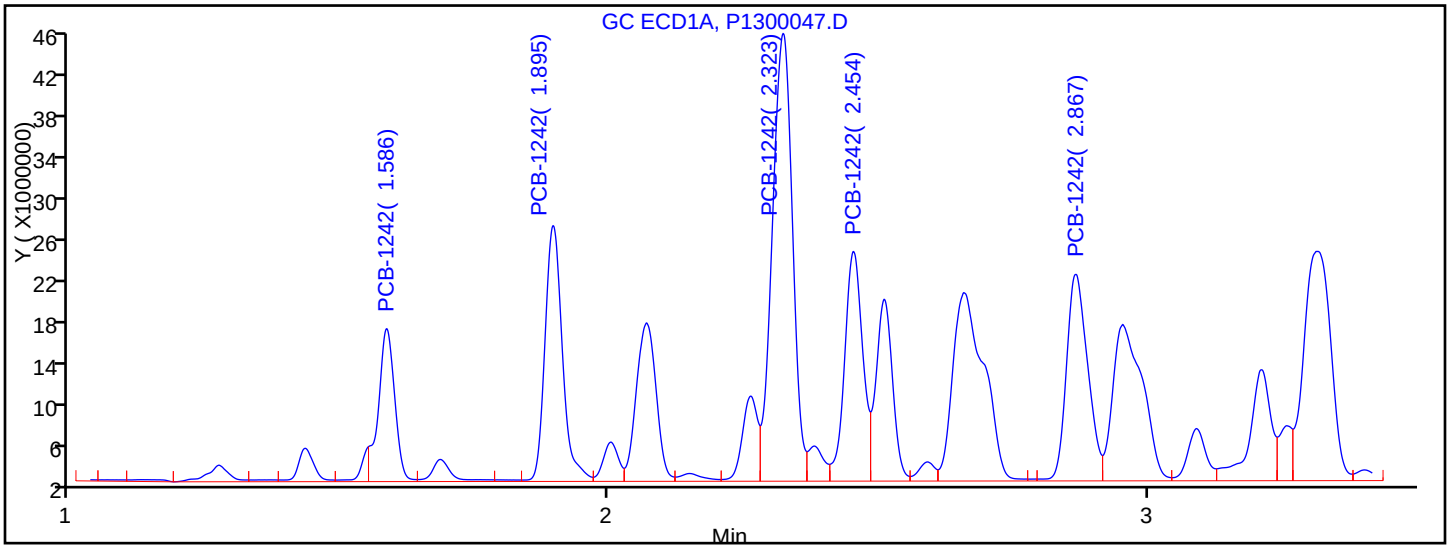
Injection Date:	22-Oct-2012 03:49:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 34205640	M
RT = 1.895	Response = 55955291	
RT = 2.323	Response = 113741548	
RT = 2.454	Response = 52175029	
RT = 2.867	Response = 55256528	



Manual Integration Results

RT = 1.586	Response = 31183923	M
RT = 1.895	Response = 55955291	
RT = 2.323	Response = 113741548	
RT = 2.454	Response = 52175029	
RT = 2.867	Response = 55256528	

Reviewer: hassl, 22-Oct-2012 09:15:58

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/47 Calibration Date: 10/22/2012 03:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 18:22

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 19:37

Lab File ID: P1300047.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	18651521	17410907		0.933	1.00	-6.7	20.0
PCB-1242 Peak 2	Ave	38092065	36507544		0.958	1.00	-4.2	20.0
PCB-1242 Peak 3	Ave	72669204	72407501		0.996	1.00	-0.4	20.0
PCB-1242 Peak 4	Ave	31166848	30129419		0.967	1.00	-3.3	20.0
PCB-1242 Peak 5	Ave	28008369	27166293		0.970	1.00	-3.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/47 Calibration Date: 10/22/2012 03:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 18:22

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 19:37

Lab File ID: P1300047.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.15	2.10	2.20
PCB-1242 Peak 2	2.57	2.52	2.62
PCB-1242 Peak 3	3.05	3.00	3.10
PCB-1242 Peak 4	3.20	3.15	3.25
PCB-1242 Peak 5	3.72	3.67	3.77

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D
Lims ID: ICV 1242 Client ID:
Inject. Date: 22-Oct-2012 03:49:26 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-047
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 47
Lims Batch ID: 62068 Lims Sample ID: 47
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:15:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.586	1.587	-0.001	31183923	0.9476		100.0	M
1	2	1.895	1.896	-0.001	55955291	0.9377	156.0- 206.0	179.4	
1	3	2.323	2.323	0.000	113741548	0.8928	355.0- 405.0	364.7	
1	4	2.454	2.454	0.000	52175029	1.01	131.0- 181.0	167.3	
1	5	2.867	2.868	-0.001	55256528	0.9839	142.4- 192.4	177.2	
			Average of Peak Amounts =			0.9537			
2	6	2.147	2.148	-0.001	17410907	0.9335		100.0	
2	7	2.571	2.573	-0.002	36507544	0.9584	176.6- 236.6	209.7	
2	8	3.053	3.053	0.000	72407501	1.00	356.3- 416.3	415.9	
2	9	3.201	3.202	-0.001	30129419	0.9667	135.8- 195.8	173.0	
2	10	3.720	3.719	0.001	27166293	0.9699	121.8- 181.8	156.0	
			Average of Peak Amounts =			0.9650			
						RPD = 1.17			

QC Flag Legend

Review Flags
M - Manually Integrated

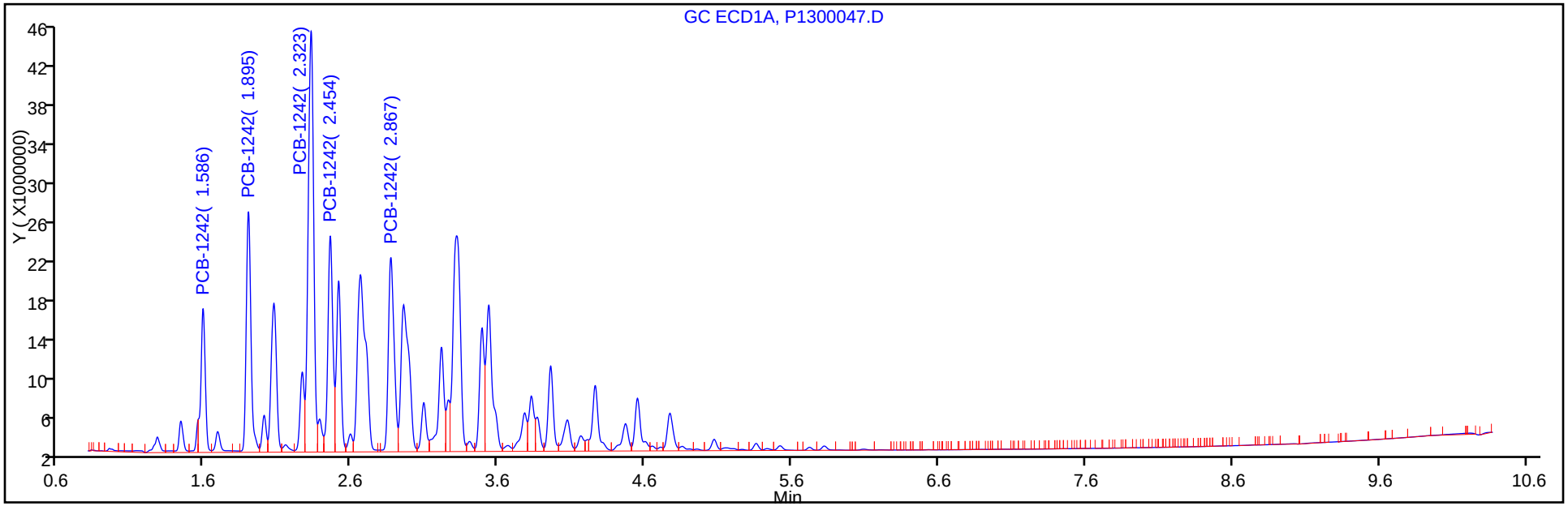
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

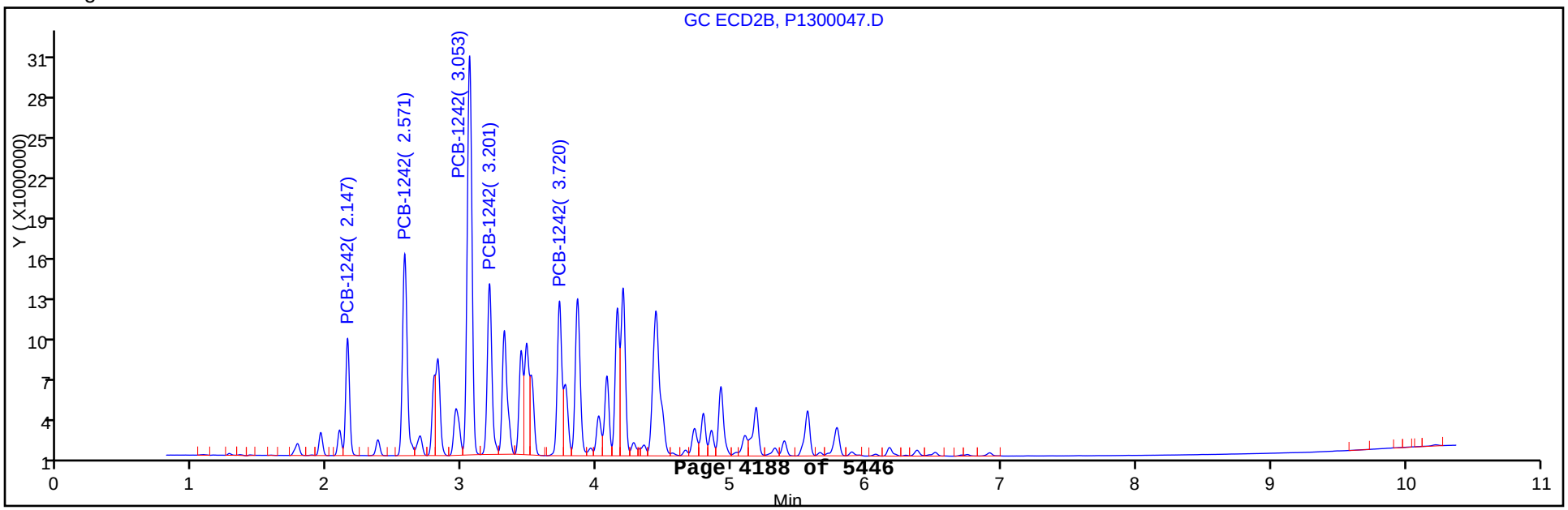
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

Injection Date:	22-Oct-2012 03:49:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/48 Calibration Date: 10/22/2012 04:04

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 19:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 21:07

Lab File ID: P1300048.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	30360760	31669282		1.04	1.00	4.3	20.0
PCB-1248 Peak 2	Ave	85512527	80529210		0.942	1.00	-5.8	20.0
PCB-1248 Peak 3	Ave	91721796	87576230		0.955	1.00	-4.5	20.0
PCB-1248 Peak 4	Ave	52262328	50034251		0.957	1.00	-4.3	20.0
PCB-1248 Peak 5	Ave	45872480	46288328		1.01	1.00	0.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/48 Calibration Date: 10/22/2012 04:04

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 19:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 21:07

Lab File ID: P1300048.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	1.90	1.85	1.95
PCB-1248 Peak 2	2.32	2.27	2.37
PCB-1248 Peak 3	2.87	2.82	2.92
PCB-1248 Peak 4	3.49	3.44	3.54
PCB-1248 Peak 5	3.96	3.91	4.01

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D
Lims ID: ICV 1248 Client ID:
Inject. Date: 22-Oct-2012 04:04:20 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-048
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 62068 Lims Sample ID: 48
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	31669282	1.04		100.0	
1	2	2.322	2.319	0.003	80529210	0.9417	252.8- 302.8	254.3	
1	3	2.866	2.866	0.000	87576230	0.9548	276.3- 326.3	276.5	
1	4	3.488	3.489	-0.001	50034251	0.9574	147.9- 197.9	158.0	
1	5	3.955	3.955	0.000	46288328	1.01	126.1- 176.1	146.2	
			Average of Peak Amounts =			0.9812			
2	6	2.570	2.570	0.000	20607817	1.08		100.0	
2	7	3.052	3.053	-0.001	52270819	1.06	225.1- 285.1	253.6	
2	8	3.719	3.719	0.000	58714049	0.9709	285.5- 345.5	284.9	
2	9	3.853	3.853	0.000	47710116	0.9598	227.4- 287.4	231.5	
2	10	4.917	4.916	0.001	29540895	0.9887	126.6- 186.6	143.3	
			Average of Peak Amounts =			1.01			
						RPD = 3.01			

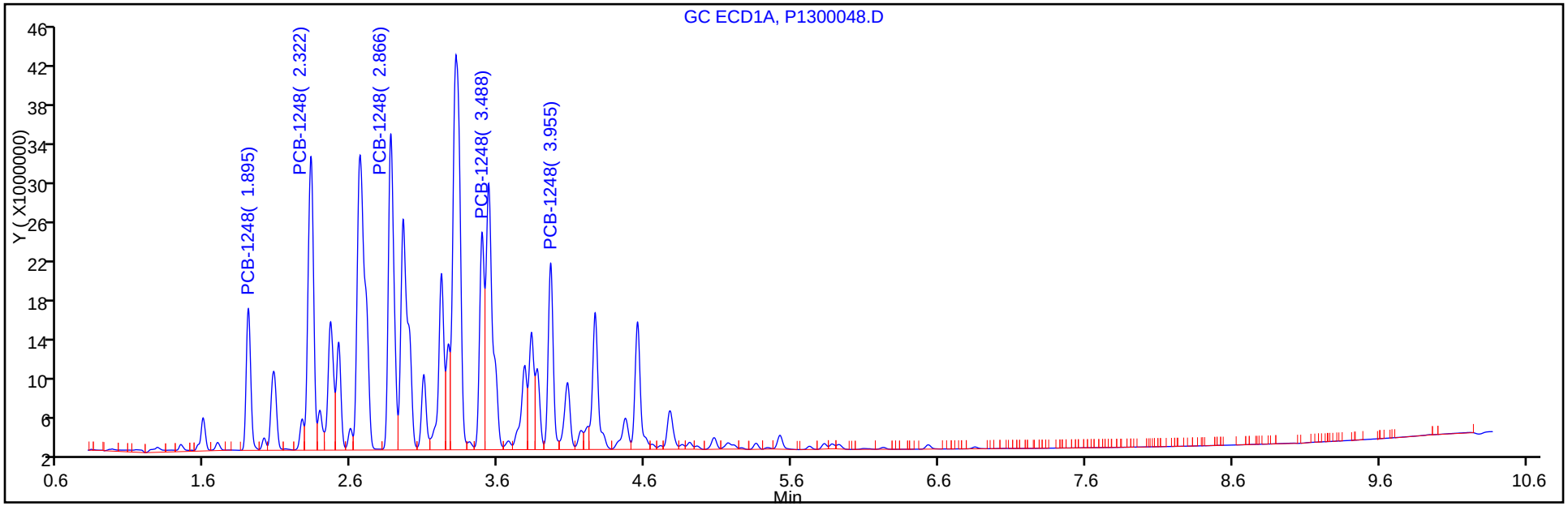
Report Date: 22-Oct-2012 09:17:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

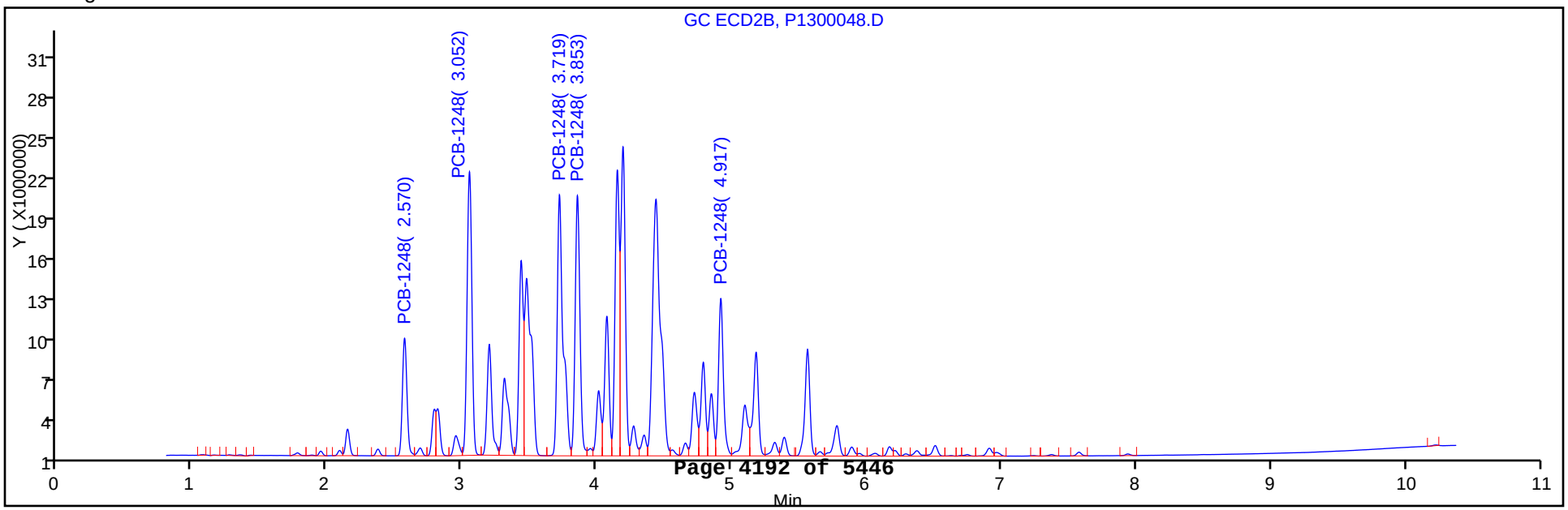
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D

Injection Date:	22-Oct-2012 04:04:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	48
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/48 Calibration Date: 10/22/2012 04:04

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 19:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 21:07

Lab File ID: P1300048.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	19163111	20607817		1.08	1.00	7.5	20.0
PCB-1248 Peak 2	Ave	49264300	52270819		1.06	1.00	6.1	20.0
PCB-1248 Peak 3	Ave	60474000	58714049		0.971	1.00	-2.9	20.0
PCB-1248 Peak 4	Ave	49709099	47710116		0.960	1.00	-4.0	20.0
PCB-1248 Peak 5	Ave	29879712	29540895		0.989	1.00	-1.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/48 Calibration Date: 10/22/2012 04:04

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 19:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 21:07

Lab File ID: P1300048.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.57	2.52	2.62
PCB-1248 Peak 2	3.05	3.00	3.10
PCB-1248 Peak 3	3.72	3.67	3.77
PCB-1248 Peak 4	3.85	3.80	3.90
PCB-1248 Peak 5	4.92	4.87	4.97

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D
Lims ID: ICV 1248 Client ID:
Inject. Date: 22-Oct-2012 04:04:20 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-048
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 62068 Lims Sample ID: 48
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	31669282	1.04		100.0	
1	2	2.322	2.319	0.003	80529210	0.9417	252.8- 302.8	254.3	
1	3	2.866	2.866	0.000	87576230	0.9548	276.3- 326.3	276.5	
1	4	3.488	3.489	-0.001	50034251	0.9574	147.9- 197.9	158.0	
1	5	3.955	3.955	0.000	46288328	1.01	126.1- 176.1	146.2	
			Average of Peak Amounts =			0.9812			
2	6	2.570	2.570	0.000	20607817	1.08		100.0	
2	7	3.052	3.053	-0.001	52270819	1.06	225.1- 285.1	253.6	
2	8	3.719	3.719	0.000	58714049	0.9709	285.5- 345.5	284.9	
2	9	3.853	3.853	0.000	47710116	0.9598	227.4- 287.4	231.5	
2	10	4.917	4.916	0.001	29540895	0.9887	126.6- 186.6	143.3	
			Average of Peak Amounts =			1.01			
						RPD = 3.01			

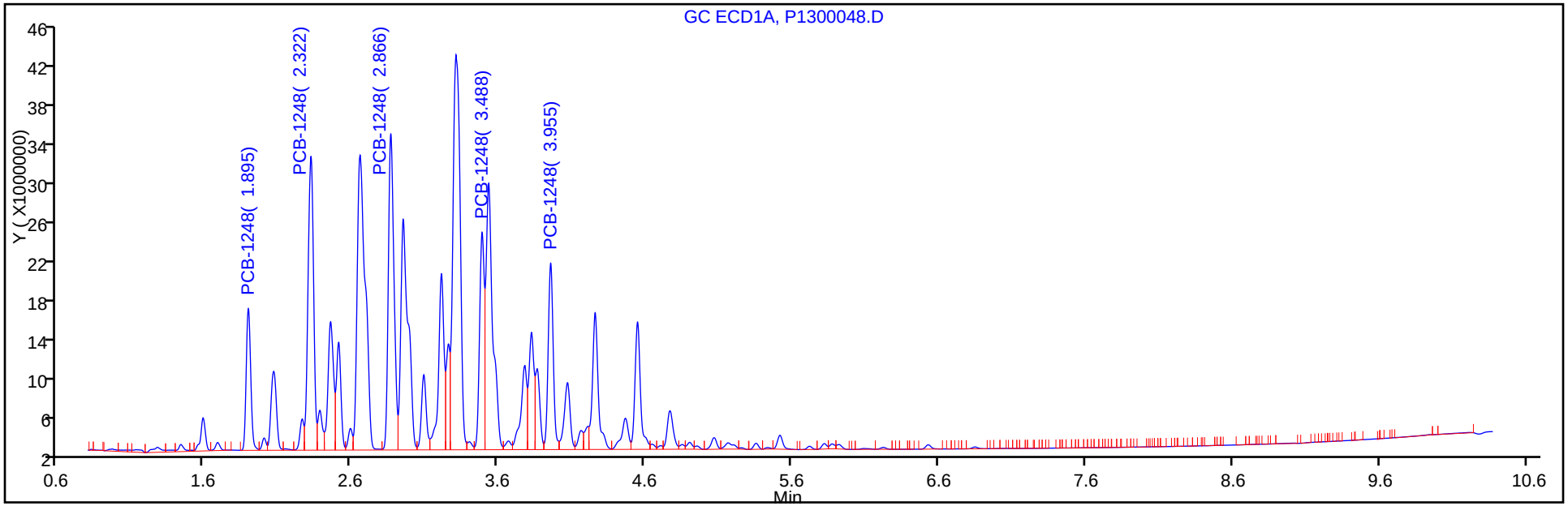
Report Date: 22-Oct-2012 09:17:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

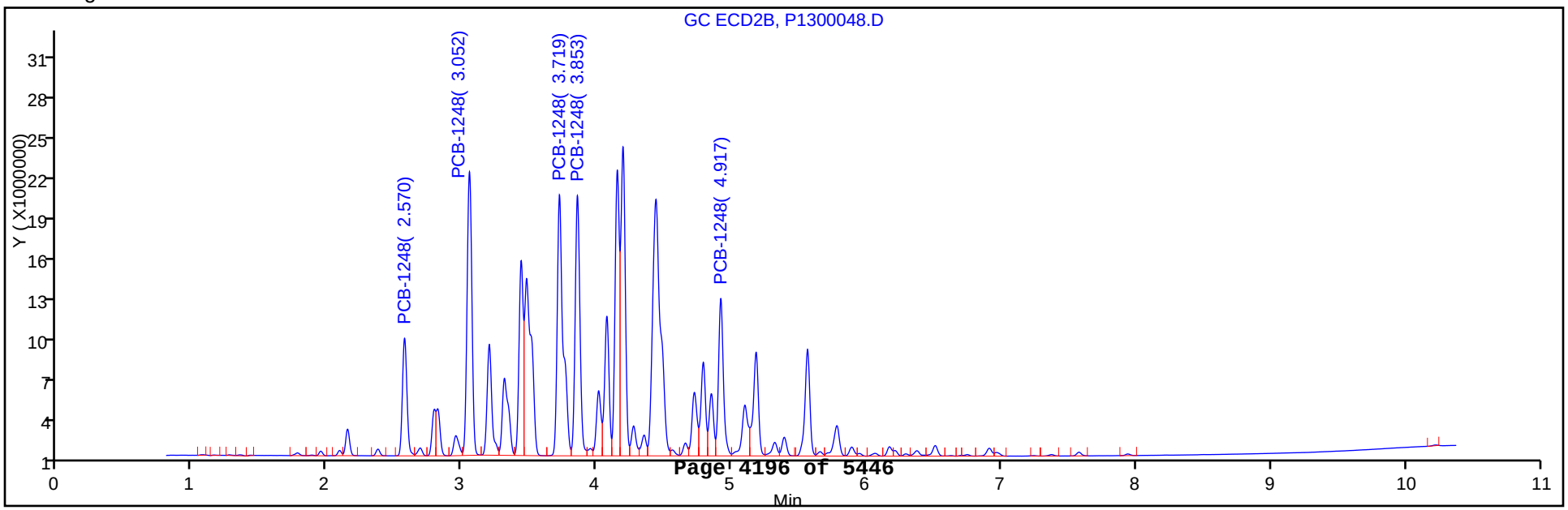
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D

Injection Date:	22-Oct-2012 04:04:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	48
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/49 Calibration Date: 10/22/2012 04:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300049.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	129854337	134604744		1.04	1.00	3.7	20.0
PCB-1254 Peak 2	Ave	140607863	136235384		0.969	1.00	-3.1	20.0
PCB-1254 Peak 3	Ave	114573263	123557280		1.08	1.00	7.8	20.0
PCB-1254 Peak 4	Ave	98278501	106942531		1.09	1.00	8.8	20.0
PCB-1254 Peak 5	Ave	141316304	157505677		1.11	1.00	11.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/49 Calibration Date: 10/22/2012 04:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300049.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	3.54	3.49	3.59
PCB-1254 Peak 2	3.96	3.91	4.01
PCB-1254 Peak 3	4.26	4.21	4.31
PCB-1254 Peak 4	4.47	4.42	4.52
PCB-1254 Peak 5	4.77	4.72	4.82

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D
Lims ID: ICV 1254 Client ID:
Inject. Date: 22-Oct-2012 04:19:14 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-049
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 49
Lims Batch ID: 62068 Lims Sample ID: 49
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 PCB-1254									
1	100	3.541	3.541	0.000	134604744	1.04		100.0	
1	2	3.955	3.956	-0.001	136235384	0.9689	82.6- 132.6	101.2	
1	3	4.260	4.259	0.001	123557280	1.08	64.9- 114.9	91.8	
1	4	4.465	4.467	-0.002	106942531	1.09	49.9- 99.9	79.4	
1	5	4.768	4.768	0.000	157505677	1.11	84.1- 134.1	117.0	
			Average of Peak Amounts =			1.06			
2	6	4.414	4.413	0.001	59335114	1.04		100.0	
2	7	4.917	4.918	-0.001	91433133	1.03	124.0- 184.0	154.1	
2	8	5.178	5.179	-0.001	65423220	1.08	76.3- 136.3	110.3	
2	9	5.560	5.562	-0.002	73452526	1.09	87.0- 147.0	123.8	
2	10	5.779	5.779	0.000	98411635	1.13	121.1- 181.1	165.9	
			Average of Peak Amounts =			1.07			
						RPD = 1.46			

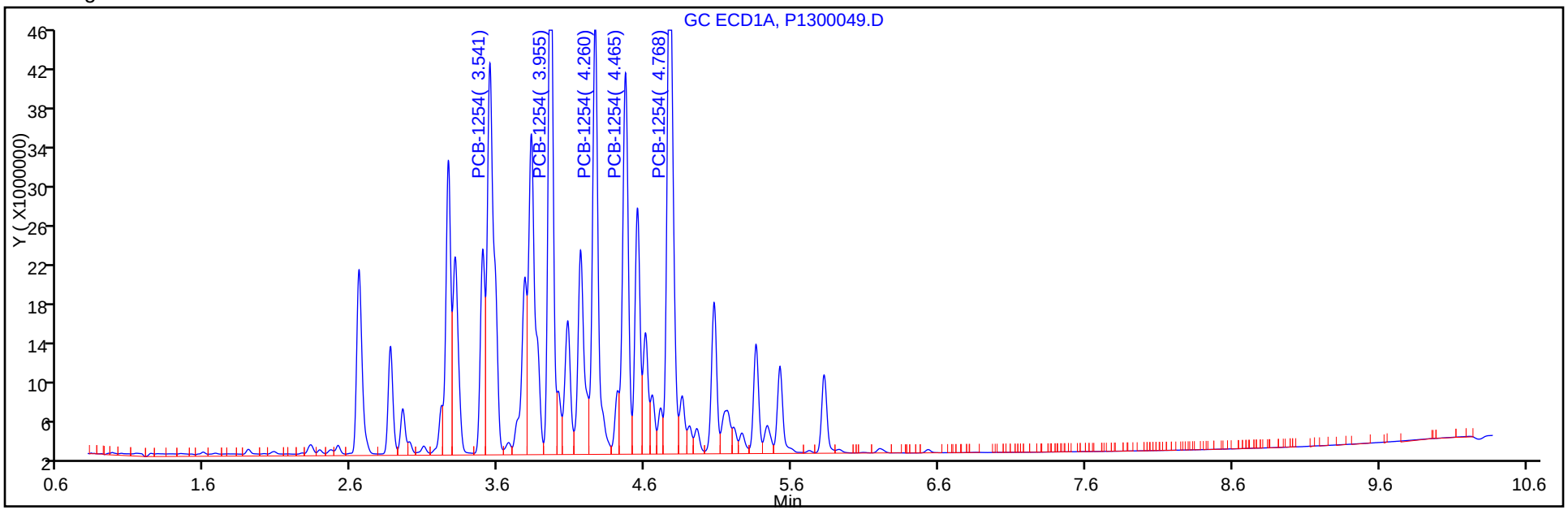
Report Date: 22-Oct-2012 09:17:34 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

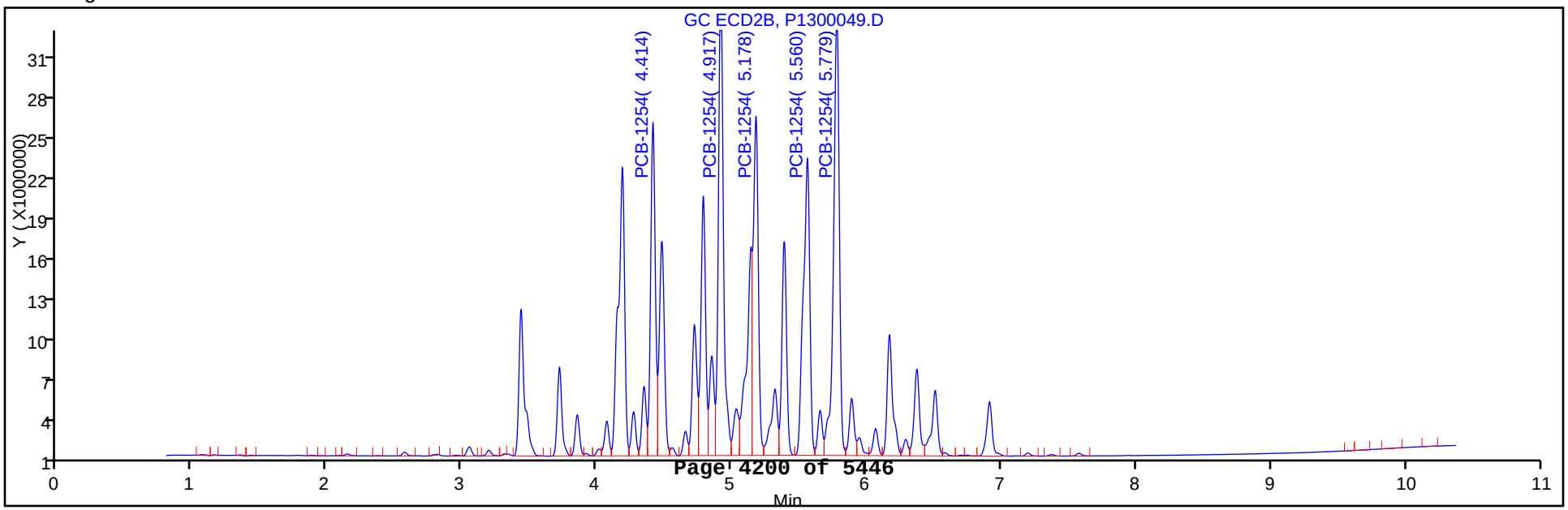
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D

Injection Date:	22-Oct-2012 04:19:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/49 Calibration Date: 10/22/2012 04:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300049.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	57268796	59335114		1.04	1.00	3.6	20.0
PCB-1254 Peak 2	Ave	88664644	91433133		1.03	1.00	3.1	20.0
PCB-1254 Peak 3	Ave	60796972	65423220		1.08	1.00	7.6	20.0
PCB-1254 Peak 4	Ave	67557439	73452526		1.09	1.00	8.7	20.0
PCB-1254 Peak 5	Ave	86824427	98411635		1.13	1.00	13.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/49 Calibration Date: 10/22/2012 04:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300049.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	4.41	4.36	4.46
PCB-1254 Peak 2	4.92	4.87	4.97
PCB-1254 Peak 3	5.18	5.13	5.23
PCB-1254 Peak 4	5.56	5.51	5.61
PCB-1254 Peak 5	5.78	5.73	5.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D
Lims ID: ICV 1254 Client ID:
Inject. Date: 22-Oct-2012 04:19:14 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-049
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 49
Lims Batch ID: 62068 Lims Sample ID: 49
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 PCB-1254									
1	100	3.541	3.541	0.000	134604744	1.04		100.0	
1	2	3.955	3.956	-0.001	136235384	0.9689	82.6- 132.6	101.2	
1	3	4.260	4.259	0.001	123557280	1.08	64.9- 114.9	91.8	
1	4	4.465	4.467	-0.002	106942531	1.09	49.9- 99.9	79.4	
1	5	4.768	4.768	0.000	157505677	1.11	84.1- 134.1	117.0	
			Average of Peak Amounts =			1.06			
2	6	4.414	4.413	0.001	59335114	1.04		100.0	
2	7	4.917	4.918	-0.001	91433133	1.03	124.0- 184.0	154.1	
2	8	5.178	5.179	-0.001	65423220	1.08	76.3- 136.3	110.3	
2	9	5.560	5.562	-0.002	73452526	1.09	87.0- 147.0	123.8	
2	10	5.779	5.779	0.000	98411635	1.13	121.1- 181.1	165.9	
			Average of Peak Amounts =			1.07			
						RPD = 1.46			

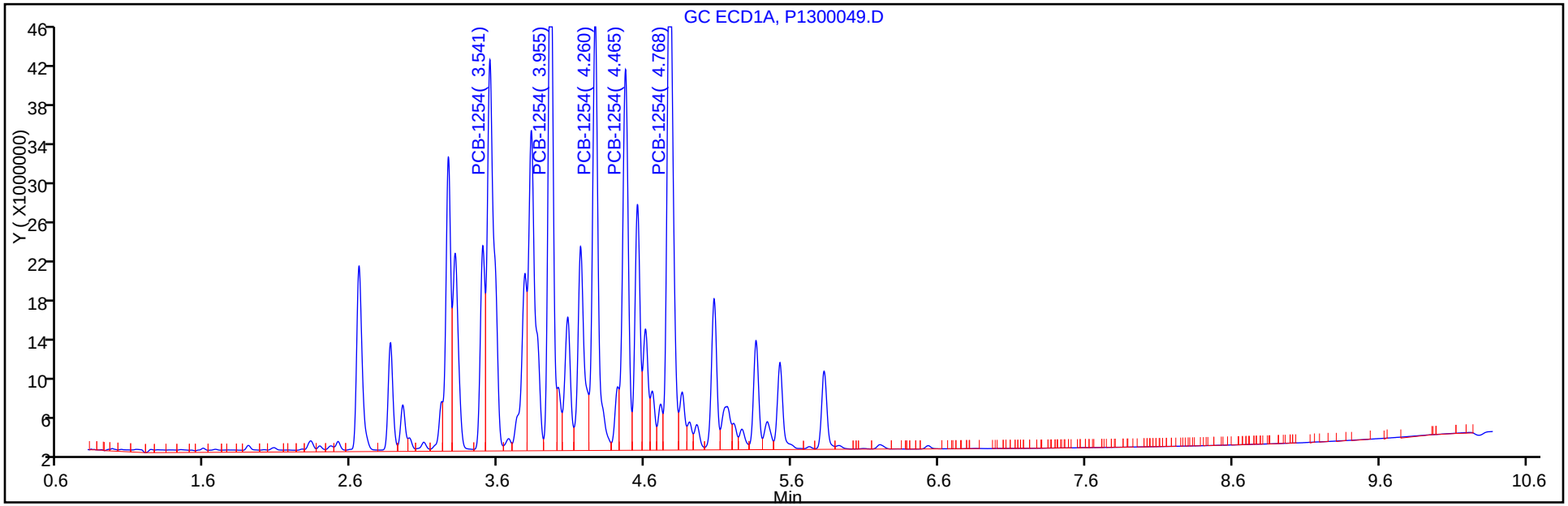
Report Date: 22-Oct-2012 09:17:34 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

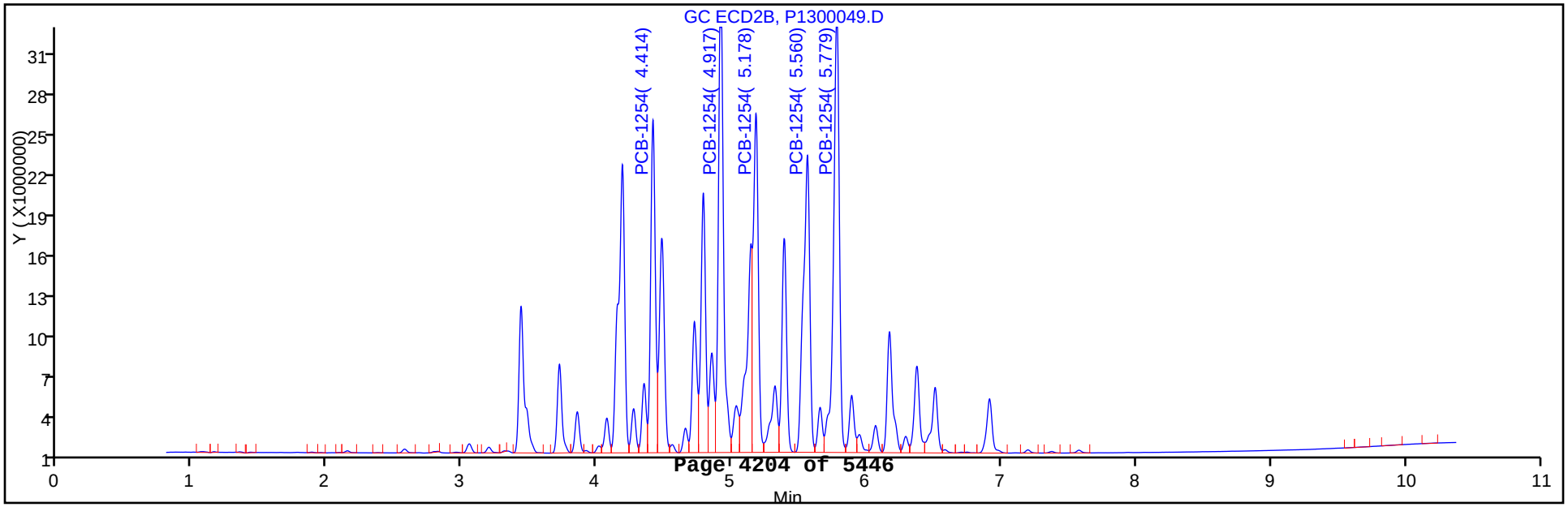
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D

Injection Date:	22-Oct-2012 04:19:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/50 Calibration Date: 10/22/2012 04:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	40655544	38228313		0.940	1.00	-6.0	20.0
PCB-1016 Peak 2	Ave	71876982	71723522		0.998	1.00	-0.2	20.0
PCB-1016 Peak 3	Ave	155218061	145252214		0.936	1.00	-6.4	20.0
PCB-1016 Peak 4	Ave	64472512	68052214		1.06	1.00	5.6	20.0
PCB-1016 Peak 5	Ave	67849134	69850424		1.03	1.00	2.9	20.0
PCB-1260 Peak 1	Ave	101355640	101972175		1.01	1.00	0.6	20.0
PCB-1260 Peak 2	Ave	200632590	201607884		1.00	1.00	0.5	20.0
PCB-1260 Peak 3	Ave	200043209	191897453		0.959	1.00	-4.1	20.0
PCB-1260 Peak 4	Ave	271809958	324736998		1.19	1.00	19.5	20.0
PCB-1260 Peak 5	Ave	129152153	145454031		1.13	1.00	12.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/50 Calibration Date: 10/22/2012 04:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300050.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.59	1.54	1.64
PCB-1016 Peak 2	1.90	1.85	1.95
PCB-1016 Peak 3	2.33	2.27	2.37
PCB-1016 Peak 4	2.45	2.40	2.50
PCB-1016 Peak 5	2.87	2.82	2.92
PCB-1260 Peak 1	4.16	4.11	4.21
PCB-1260 Peak 2	4.47	4.42	4.52
PCB-1260 Peak 3	4.77	4.72	4.82
PCB-1260 Peak 4	5.52	5.47	5.57
PCB-1260 Peak 5	5.82	5.77	5.87

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D
Lims ID: ICV 1660 Client ID:
Inject. Date: 22-Oct-2012 04:34:07 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-050
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 62068 Lims Sample ID: 50
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:15:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									M
1	100	1.586	1.587	-0.001	38228313	0.9403		100.0	M
1	2	1.896	1.896	0.000	71723522	1.00	149.3- 199.3	187.6	
1	3	2.325	2.323	0.002	145252214	0.9358	350.2- 400.2	380.0	
1	4	2.454	2.453	0.001	68052214	1.06	130.7- 180.7	178.0	
1	5	2.866	2.867	-0.001	69850424	1.03	137.9- 187.9	182.7	
			Average of Peak Amounts =			0.99			
2	6	2.147	2.147	0.000	23415698	1.04		100.0	
2	7	2.571	2.571	0.000	48518836	1.03	176.5- 236.5	207.2	
2	8	3.053	3.054	-0.001	97238509	1.07	362.5- 422.5	415.3	
2	9	3.201	3.201	0.000	40441239	1.04	137.9- 197.9	172.7	
2	10	3.855	3.854	0.001	37216207	1.03	118.8- 178.8	158.9	
			Average of Peak Amounts =			1.04			
						RPD = 5.18			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	101972175	1.01		100.0	
1	2	4.469	4.469	0.000	201607884	1.00	175.1- 225.1	197.7	
1	3	4.768	4.767	0.001	191897453	0.9593	173.2- 223.2	188.2	
1	4	5.519	5.518	0.001	324736998	1.19	244.1- 294.1	318.5	
1	5	5.821	5.820	0.001	145454031	1.13	101.5- 151.5	142.6	
			Average of Peak Amounts =			1.06			
2	6	5.141	5.141	0.000	66548848	1.00		100.0	
2	7	5.388	5.389	-0.001	81523657	1.12	86.6- 146.6	122.5	
2	8	5.776	5.776	0.000	112380662	0.9619	142.9- 202.9	168.9	
2	9	6.510	6.509	0.001	177322502	1.25	179.5- 239.5	266.5	
2	10	6.911	6.910	0.001	124132552	1.19	121.8- 181.8	186.5	
			Average of Peak Amounts =			1.10			
						RPD = 4.17			

QC Flag Legend

Review Flags
M - Manually Integrated

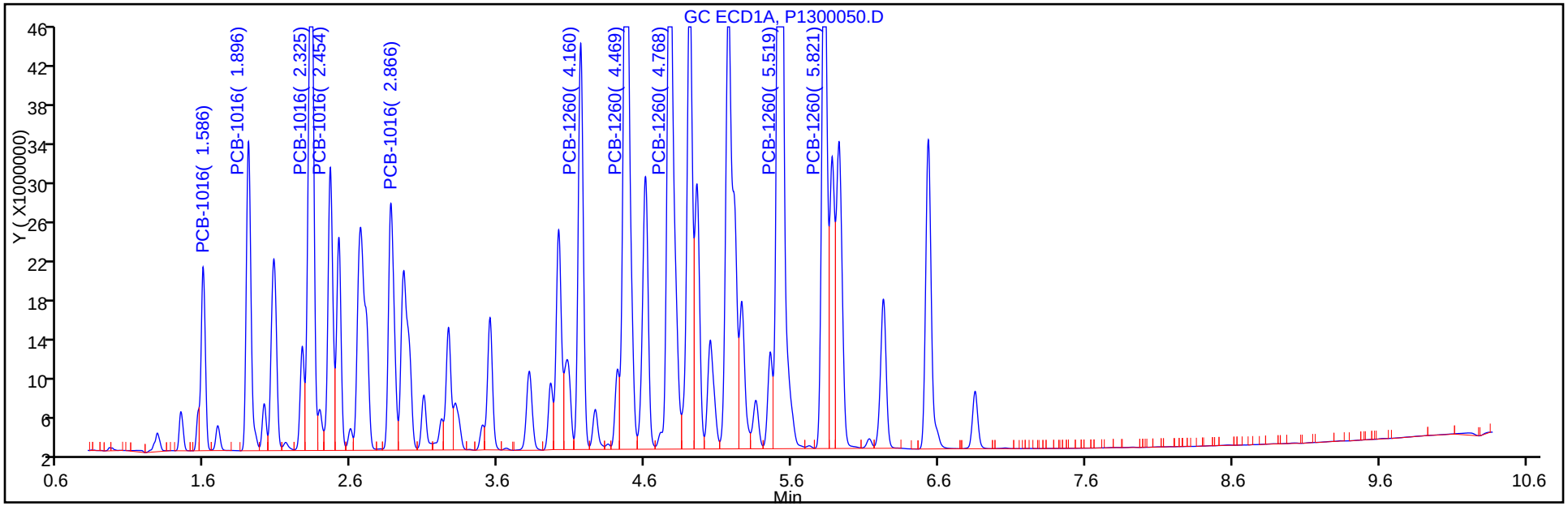
Report Date: 22-Oct-2012 09:17:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

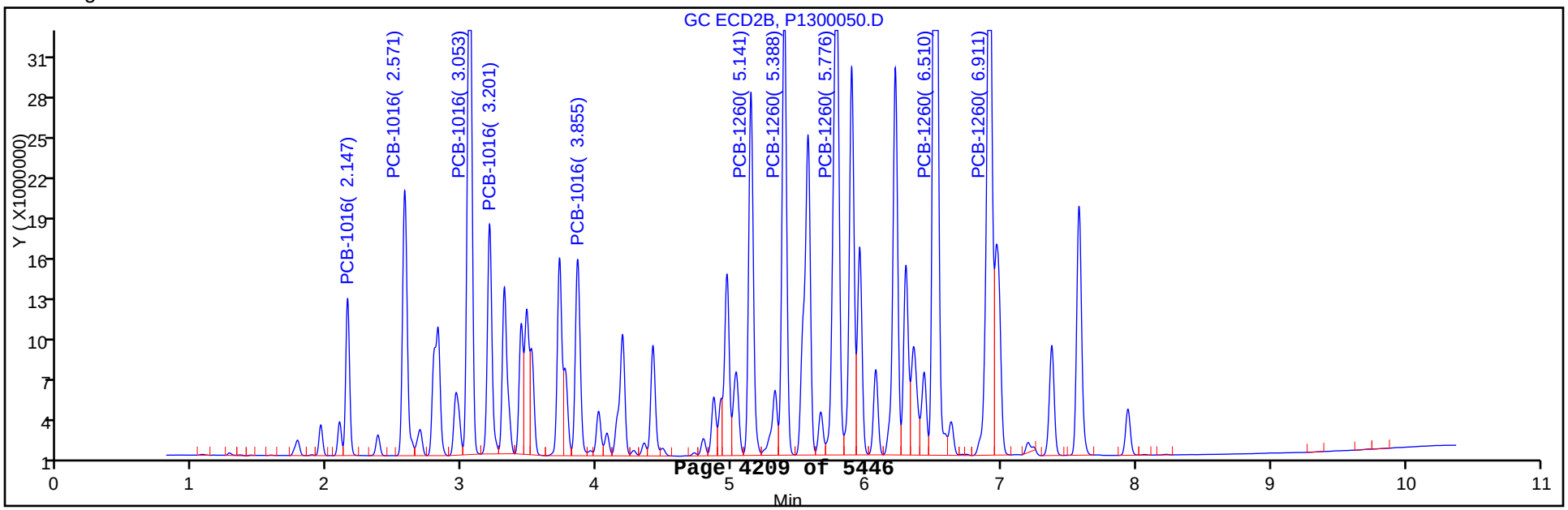
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Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



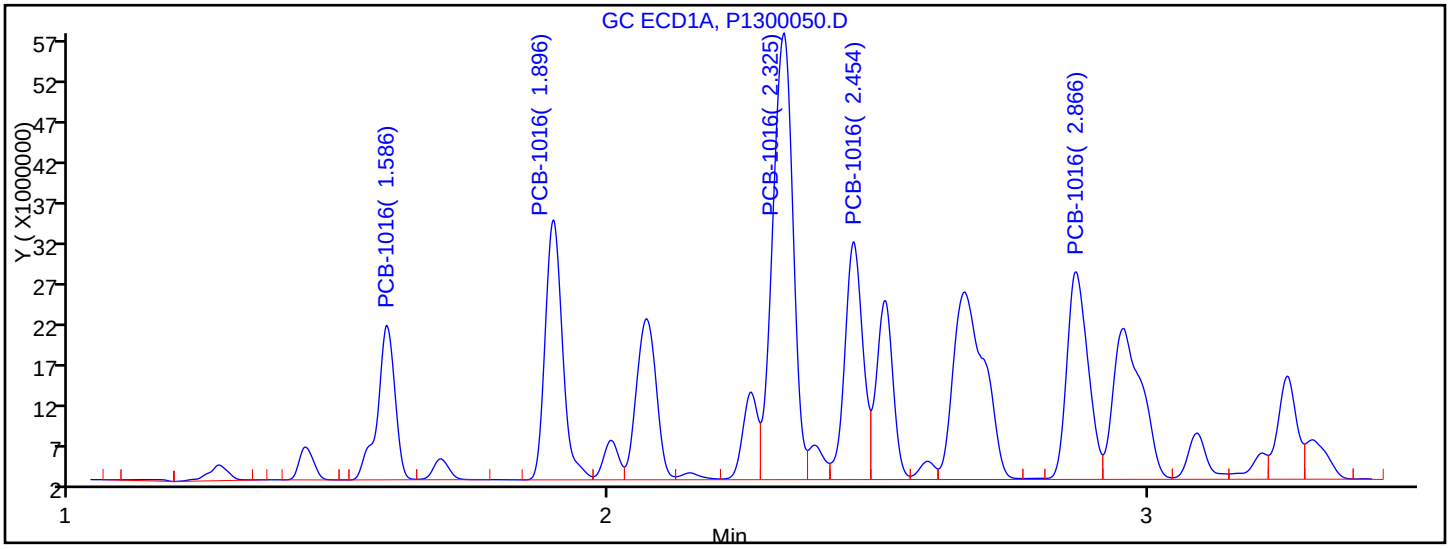
Report Date: 22-Oct-2012 09:17:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D

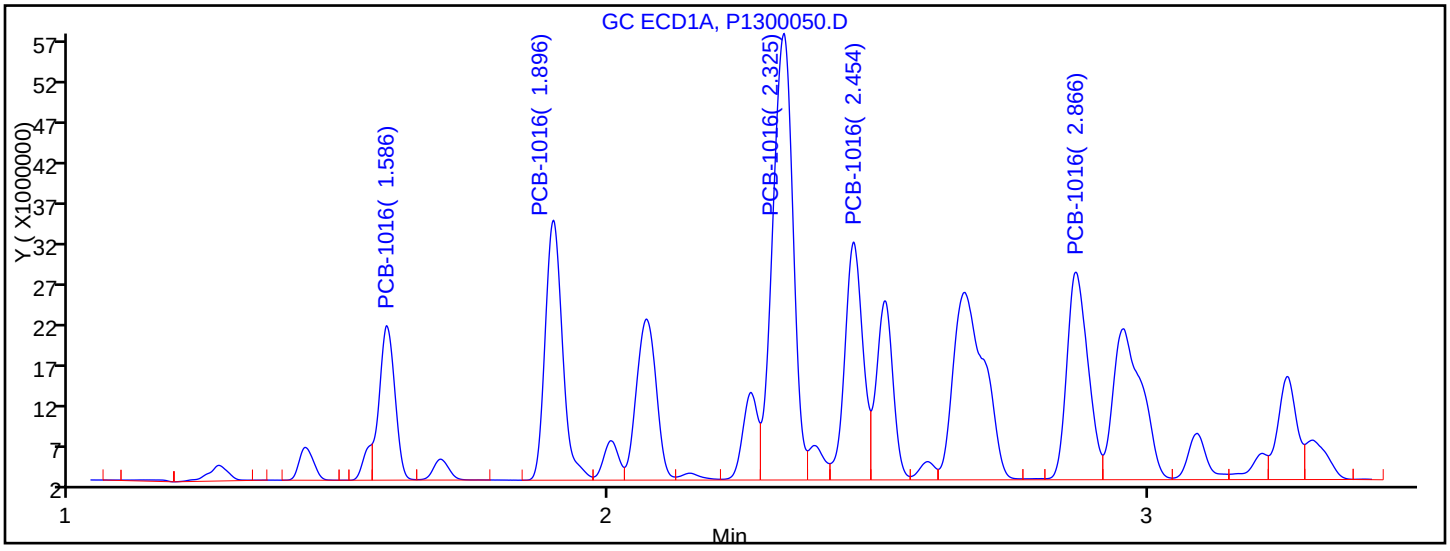
Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586 Response = 43047096 M
RT = 1.896 Response = 71723522
RT = 2.325 Response = 145252214
RT = 2.454 Response = 68052214
RT = 2.866 Response = 69850424



Manual Integration Results

RT = 1.586 Response = 38228313 M
RT = 1.896 Response = 71723522
RT = 2.325 Response = 145252214
RT = 2.454 Response = 68052214
RT = 2.866 Response = 69850424

Reviewer: hassl, 22-Oct-2012 09:15:31
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/50 Calibration Date: 10/22/2012 04:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	22473505	23415698		1.04	1.00	4.2	20.0
PCB-1016 Peak 2	Ave	46910344	48518836		1.03	1.00	3.4	20.0
PCB-1016 Peak 3	Ave	90857261	97238509		1.07	1.00	7.0	20.0
PCB-1016 Peak 4	Ave	38716589	40441239		1.04	1.00	4.5	20.0
PCB-1016 Peak 5	Ave	36067525	37216207		1.03	1.00	3.2	20.0
PCB-1260 Peak 1	Ave	66648717	66548848		0.999	1.00	-0.1	20.0
PCB-1260 Peak 2	Lin1		81523657		1.12	1.00	11.8	20.0
PCB-1260 Peak 3	Ave	116834929	112380662		0.962	1.00	-3.8	20.0
PCB-1260 Peak 4	Ave	142290611	177322502		1.25	1.00	24.6*	20.0
PCB-1260 Peak 5	Ave	104134113	124132552		1.19	1.00	19.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-62068/50 Calibration Date: 10/22/2012 04:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300050.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.15	2.10	2.20
PCB-1016 Peak 2	2.57	2.52	2.62
PCB-1016 Peak 3	3.05	3.00	3.10
PCB-1016 Peak 4	3.20	3.15	3.25
PCB-1016 Peak 5	3.86	3.80	3.90
PCB-1260 Peak 1	5.14	5.09	5.19
PCB-1260 Peak 2	5.39	5.34	5.44
PCB-1260 Peak 3	5.78	5.73	5.83
PCB-1260 Peak 4	6.51	6.46	6.56
PCB-1260 Peak 5	6.91	6.86	6.96

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D
Lims ID: ICV 1660 Client ID:
Inject. Date: 22-Oct-2012 04:34:07 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-050
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 62068 Lims Sample ID: 50
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:17:22 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

First Level Reviewer: hassl Date: 22-Oct-2012 09:15:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									M
1	100	1.586	1.587	-0.001	38228313	0.9403		100.0	M
1	2	1.896	1.896	0.000	71723522	1.00	149.3- 199.3	187.6	
1	3	2.325	2.323	0.002	145252214	0.9358	350.2- 400.2	380.0	
1	4	2.454	2.453	0.001	68052214	1.06	130.7- 180.7	178.0	
1	5	2.866	2.867	-0.001	69850424	1.03	137.9- 187.9	182.7	
			Average of Peak Amounts =			0.99			
2	6	2.147	2.147	0.000	23415698	1.04		100.0	
2	7	2.571	2.571	0.000	48518836	1.03	176.5- 236.5	207.2	
2	8	3.053	3.054	-0.001	97238509	1.07	362.5- 422.5	415.3	
2	9	3.201	3.201	0.000	40441239	1.04	137.9- 197.9	172.7	
2	10	3.855	3.854	0.001	37216207	1.03	118.8- 178.8	158.9	
			Average of Peak Amounts =			1.04			
						RPD = 5.18			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	101972175	1.01		100.0	
1	2	4.469	4.469	0.000	201607884	1.00	175.1- 225.1	197.7	
1	3	4.768	4.767	0.001	191897453	0.9593	173.2- 223.2	188.2	
1	4	5.519	5.518	0.001	324736998	1.19	244.1- 294.1	318.5	
1	5	5.821	5.820	0.001	145454031	1.13	101.5- 151.5	142.6	
			Average of Peak Amounts =			1.06			
2	6	5.141	5.141	0.000	66548848	1.00		100.0	
2	7	5.388	5.389	-0.001	81523657	1.12	86.6- 146.6	122.5	
2	8	5.776	5.776	0.000	112380662	0.9619	142.9- 202.9	168.9	
2	9	6.510	6.509	0.001	177322502	1.25	179.5- 239.5	266.5	
2	10	6.911	6.910	0.001	124132552	1.19	121.8- 181.8	186.5	
			Average of Peak Amounts =			1.10			
						RPD = 4.17			

QC Flag Legend

Review Flags
M - Manually Integrated

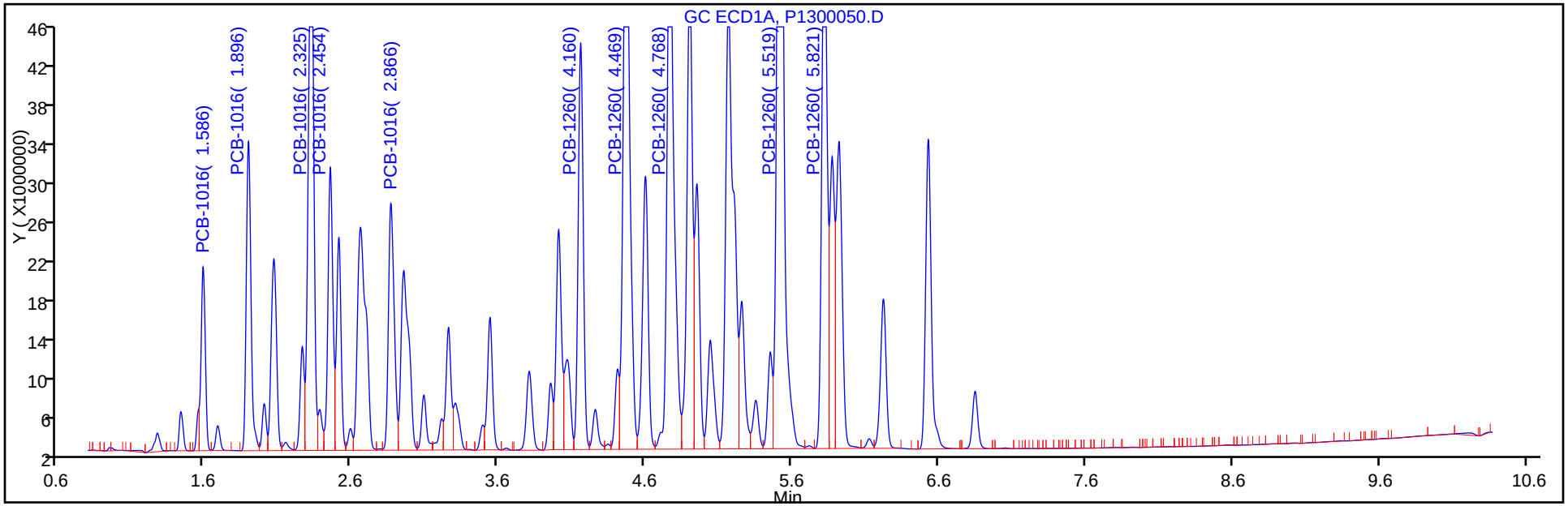
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TestAmerica Canton

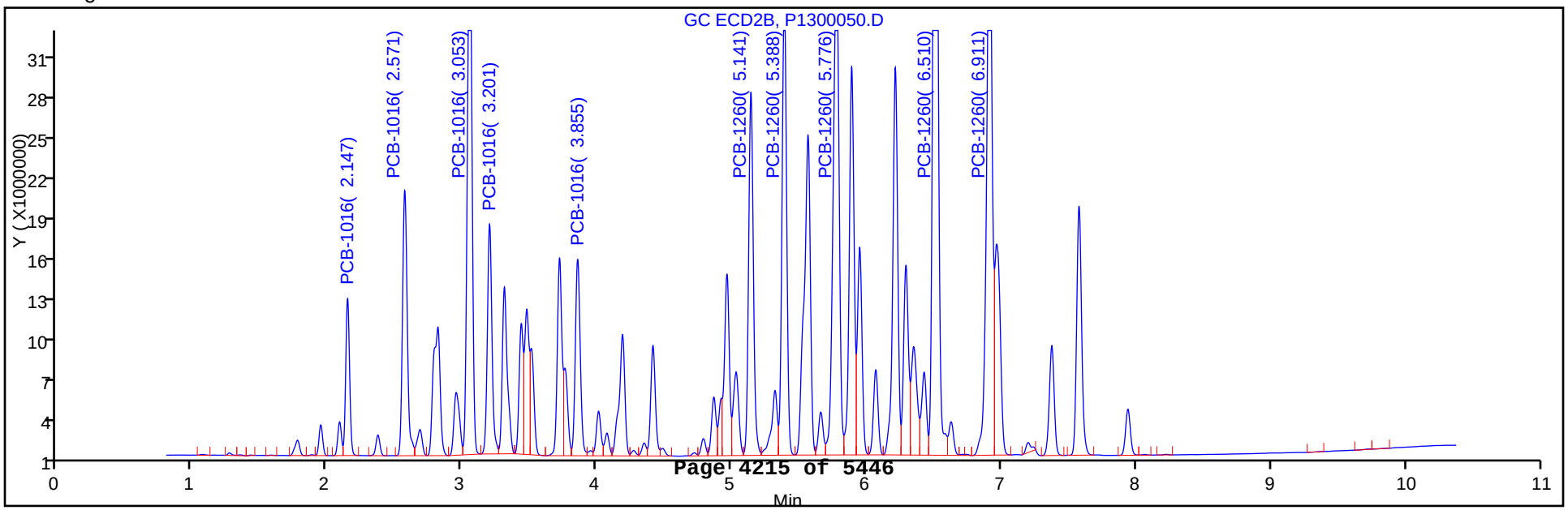
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Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69521/3 Calibration Date: 12/20/2012 14:39

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	40655544	41852262		0.515	0.500	2.9	20.0
PCB-1016 Peak 2	Ave	71876982	75173750		0.523	0.500	4.6	20.0
PCB-1016 Peak 3	Ave	155218061	155042280		0.499	0.500	-0.1	20.0
PCB-1016 Peak 4	Ave	64472512	69360362		0.538	0.500	7.6	20.0
PCB-1016 Peak 5	Ave	67849134	68135202		0.502	0.500	0.4	20.0
PCB-1260 Peak 1	Ave	101355640	104028478		0.513	0.500	2.6	20.0
PCB-1260 Peak 2	Ave	200632590	197539712		0.492	0.500	-1.5	20.0
PCB-1260 Peak 3	Ave	200043209	194194046		0.485	0.500	-2.9	20.0
PCB-1260 Peak 4	Ave	271809958	265385834		0.488	0.500	-2.4	20.0
PCB-1260 Peak 5	Ave	129152153	116377764		0.451	0.500	-9.9	20.0
Tetrachloro-m-xylene	Ave	2282867563	2421100920		0.0265	0.0250	6.1	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2125708280		0.0228	0.0250	-8.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69521/3 Calibration Date: 12/20/2012 14:39

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.89	1.84	1.94
PCB-1016 Peak 3	2.31	2.26	2.36
PCB-1016 Peak 4	2.45	2.40	2.50
PCB-1016 Peak 5	2.86	2.81	2.91
PCB-1260 Peak 1	4.15	4.10	4.20
PCB-1260 Peak 2	4.46	4.41	4.51
PCB-1260 Peak 3	4.76	4.71	4.81
PCB-1260 Peak 4	5.51	5.46	5.56
PCB-1260 Peak 5	5.81	5.76	5.86
Tetrachloro-m-xylene	1.29	1.24	1.34
DCB Decachlorobiphenyl	7.05	7.00	7.10

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 20-Dec-2012 14:39:41 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0016044-003
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 69521 Lims Sample ID: 3
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:18 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 11:44:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	60527523	0.0265			
2	2	1.640	1.640	0.000	38178867	0.0266			
						RPD = 0.20			
6 PCB-1016									
1	100	1.580	1.580	0.000	20926131	0.5147		100.0	
1	2	1.887	1.887	0.000	37586875	0.5229	149.3- 199.3	179.6	
1	3	2.314	2.314	0.000	77521140	0.4994	350.2- 400.2	370.5	
1	4	2.445	2.445	0.000	34680181	0.5379	130.7- 180.7	165.7	
1	5	2.857	2.857	0.000	34067601	0.5021	137.9- 187.9	162.8	
			Average of Peak Amounts =			0.5154			
2	6	2.133	2.133	0.000	11822670	0.5261		100.0	
2	7	2.556	2.556	0.000	24258346	0.5171	176.5- 236.5	205.2	
2	8	3.038	3.038	0.000	49539985	0.5453	362.5- 422.5	419.0	
2	9	3.185	3.185	0.000	20963972	0.5415	137.9- 197.9	177.3	
2	10	3.837	3.837	0.000	18958868	0.5256	118.8- 178.8	160.4	
			Average of Peak Amounts =			0.5311			
						RPD = 3.00			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.150	0.000	52014239	0.5132		100.0	
1	2	4.460	4.460	0.000	98769856	0.4923	175.1- 225.1	189.9	
1	3	4.758	4.758	0.000	97097023	0.4854	173.2- 223.2	186.7	
1	4	5.510	5.510	0.000	132692917	0.4882	244.1- 294.1	255.1	
1	5	5.811	5.811	0.000	58188882	0.4505	101.5- 151.5	111.9	
			Average of Peak Amounts =			0.4859			
2	6	5.123	5.123	0.000	32985622	0.4949		100.0	
2	7	5.370	5.370	0.000	38237681	0.5012	86.6- 146.6	115.9	
2	8	5.759	5.759	0.000	56143731	0.4805	142.9- 202.9	170.2	
2	9	6.490	6.490	0.000	66966261	0.4706	179.5- 239.5	203.0	
2	10	6.893	6.893	0.000	46180456	0.4435	121.8- 181.8	140.0	
			Average of Peak Amounts =			0.4781			
						RPD = 1.61			
$ 12 DCB Decachlorobiphenyl									
1	100	7.046	7.046	0.000	53142707	0.0228			
2	2	8.205	8.205	0.000	29251355	0.0217			
						RPD = 4.70			

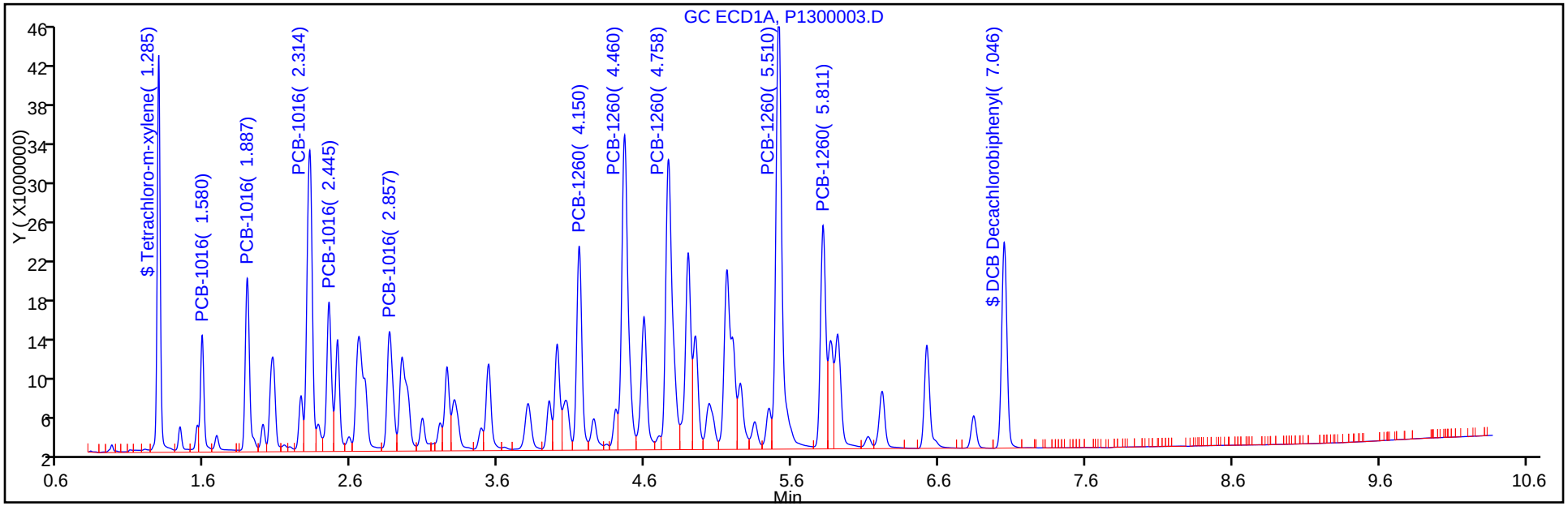
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TestAmerica Canton

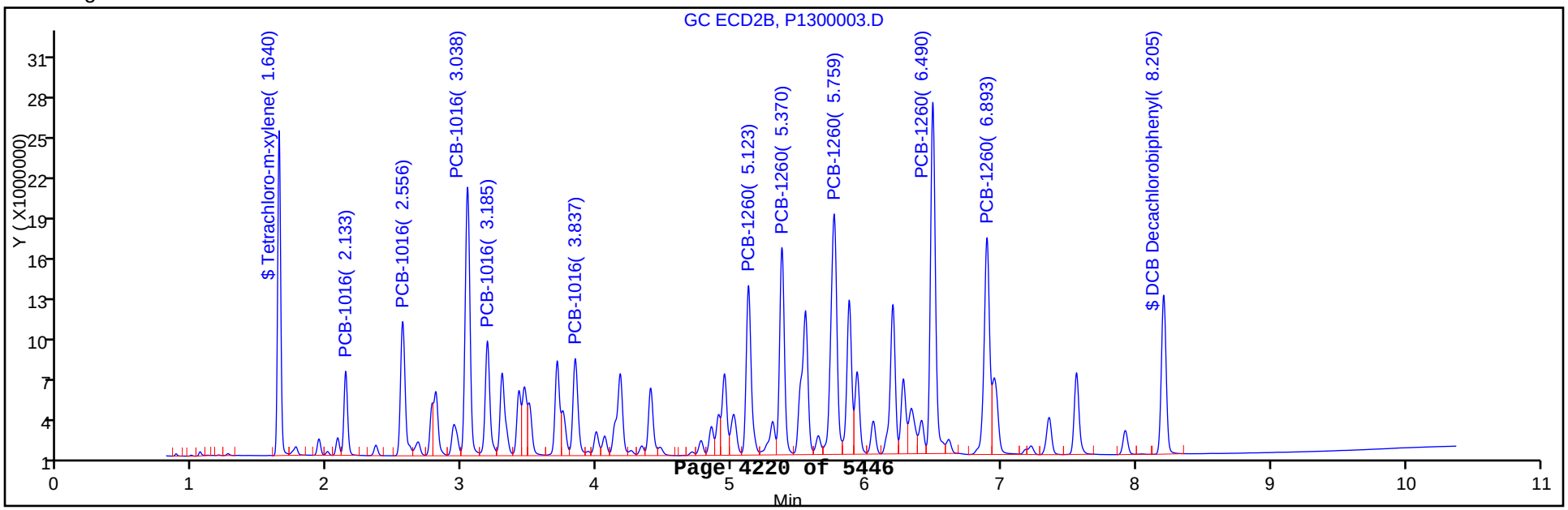
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Injection Date:	20-Dec-2012 14:39:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69521/3 Calibration Date: 12/20/2012 14:39

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	22473505	23645340		0.526	0.500	5.2	20.0
PCB-1016 Peak 2	Ave	46910344	48516692		0.517	0.500	3.4	20.0
PCB-1016 Peak 3	Ave	90857261	99079970		0.545	0.500	9.1	20.0
PCB-1016 Peak 4	Ave	38716589	41927944		0.541	0.500	8.3	20.0
PCB-1016 Peak 5	Ave	36067525	37917736		0.526	0.500	5.1	20.0
PCB-1260 Peak 1	Ave	66648717	65971244		0.495	0.500	-1.0	20.0
PCB-1260 Peak 2	Lin1		76475362		0.501	0.500	0.2	20.0
PCB-1260 Peak 3	Ave	116834929	112287462		0.481	0.500	-3.9	20.0
PCB-1260 Peak 4	Ave	142290611	133932522		0.471	0.500	-5.9	20.0
PCB-1260 Peak 5	Ave	104134113	92360912		0.443	0.500	-11.3	20.0
Tetrachloro-m-xylene	Ave	1437051097	1527154680		0.0266	0.0250	6.3	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1170054200		0.0217	0.0250	-13.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69521/3 Calibration Date: 12/20/2012 14:39

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.13	2.08	2.18
PCB-1016 Peak 2	2.56	2.51	2.61
PCB-1016 Peak 3	3.04	2.99	3.09
PCB-1016 Peak 4	3.19	3.14	3.24
PCB-1016 Peak 5	3.84	3.79	3.89
PCB-1260 Peak 1	5.12	5.07	5.17
PCB-1260 Peak 2	5.37	5.32	5.42
PCB-1260 Peak 3	5.76	5.71	5.81
PCB-1260 Peak 4	6.49	6.44	6.54
PCB-1260 Peak 5	6.89	6.84	6.94
Tetrachloro-m-xylene	1.64	1.59	1.69
DCB Decachlorobiphenyl	8.21	8.16	8.26

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 20-Dec-2012 14:39:41 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0016044-003
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 69521 Lims Sample ID: 3
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:18 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 11:44:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	60527523	0.0265			
2	2	1.640	1.640	0.000	38178867	0.0266			
						RPD = 0.20			
6 PCB-1016									
1	100	1.580	1.580	0.000	20926131	0.5147		100.0	
1	2	1.887	1.887	0.000	37586875	0.5229	149.3- 199.3	179.6	
1	3	2.314	2.314	0.000	77521140	0.4994	350.2- 400.2	370.5	
1	4	2.445	2.445	0.000	34680181	0.5379	130.7- 180.7	165.7	
1	5	2.857	2.857	0.000	34067601	0.5021	137.9- 187.9	162.8	
			Average of Peak Amounts =			0.5154			
2	6	2.133	2.133	0.000	11822670	0.5261		100.0	
2	7	2.556	2.556	0.000	24258346	0.5171	176.5- 236.5	205.2	
2	8	3.038	3.038	0.000	49539985	0.5453	362.5- 422.5	419.0	
2	9	3.185	3.185	0.000	20963972	0.5415	137.9- 197.9	177.3	
2	10	3.837	3.837	0.000	18958868	0.5256	118.8- 178.8	160.4	
			Average of Peak Amounts =			0.5311			
						RPD = 3.00			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.150	0.000	52014239	0.5132		100.0	
1	2	4.460	4.460	0.000	98769856	0.4923	175.1- 225.1	189.9	
1	3	4.758	4.758	0.000	97097023	0.4854	173.2- 223.2	186.7	
1	4	5.510	5.510	0.000	132692917	0.4882	244.1- 294.1	255.1	
1	5	5.811	5.811	0.000	58188882	0.4505	101.5- 151.5	111.9	
			Average of Peak Amounts =			0.4859			
2	6	5.123	5.123	0.000	32985622	0.4949		100.0	
2	7	5.370	5.370	0.000	38237681	0.5012	86.6- 146.6	115.9	
2	8	5.759	5.759	0.000	56143731	0.4805	142.9- 202.9	170.2	
2	9	6.490	6.490	0.000	66966261	0.4706	179.5- 239.5	203.0	
2	10	6.893	6.893	0.000	46180456	0.4435	121.8- 181.8	140.0	
			Average of Peak Amounts =			0.4781			
						RPD = 1.61			
$ 12 DCB Decachlorobiphenyl									
1	100	7.046	7.046	0.000	53142707	0.0228			
2	2	8.205	8.205	0.000	29251355	0.0217			
						RPD = 4.70			

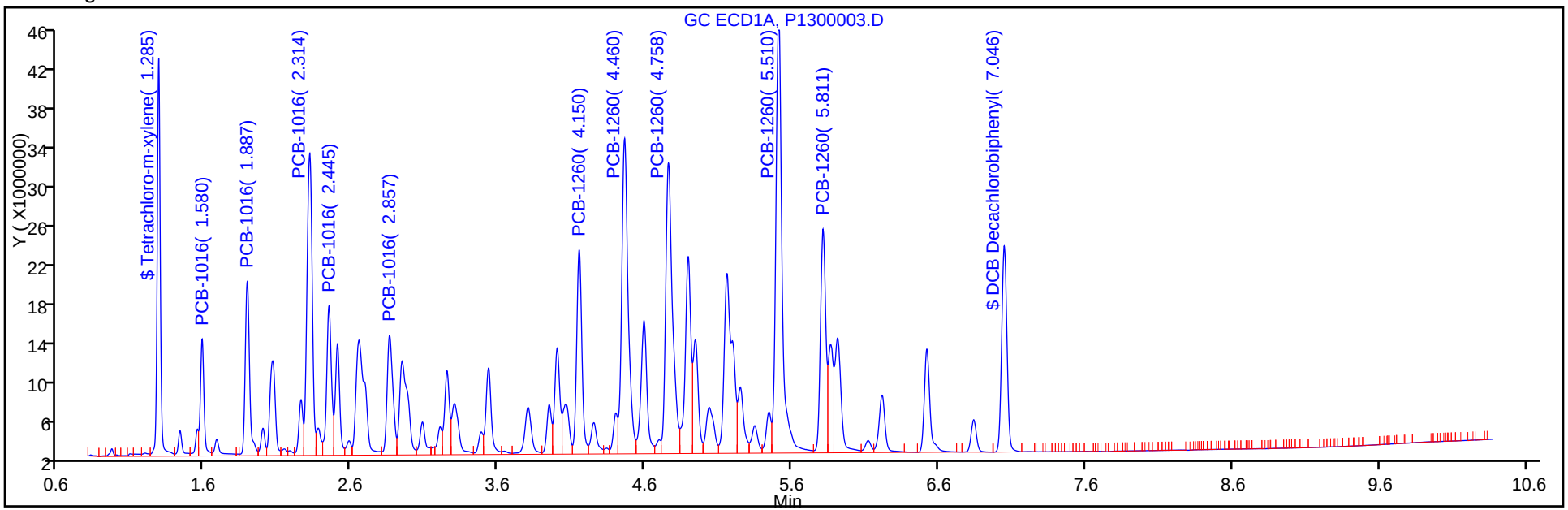
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TestAmerica Canton

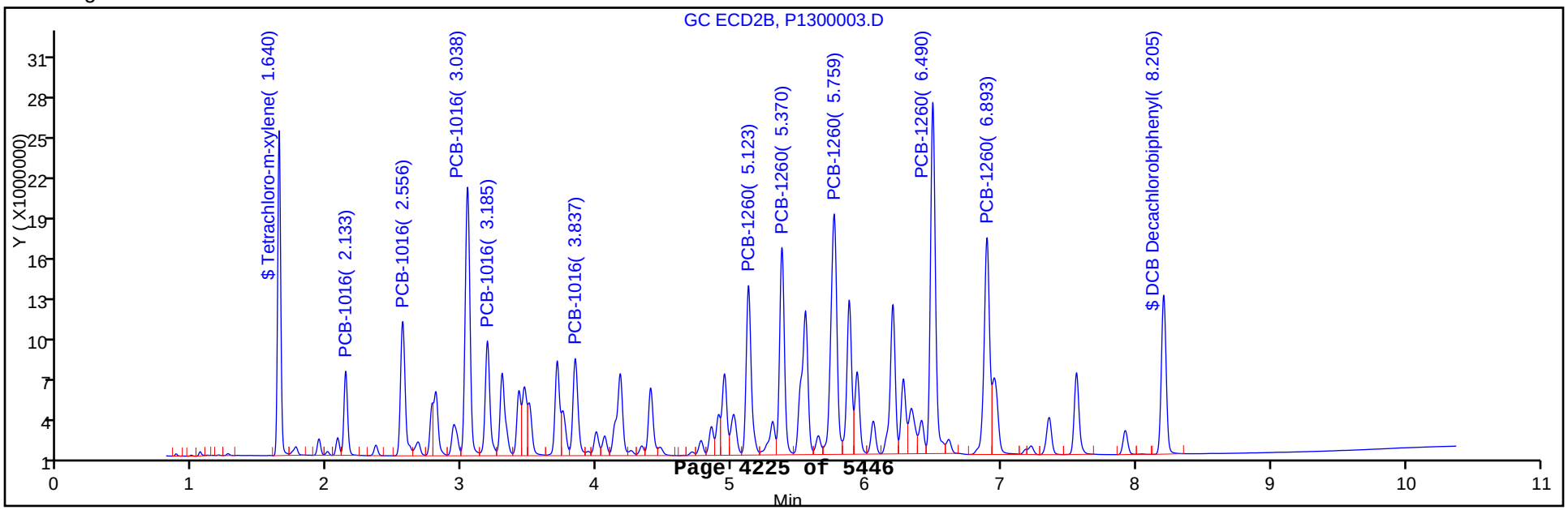
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Injection Date:	20-Dec-2012 14:39:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69521/15 Calibration Date: 12/20/2012 17:39

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300015.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	40655544	39989820		0.492	0.500	-1.6	20.0
PCB-1016 Peak 2	Ave	71876982	74078904		0.515	0.500	3.1	20.0
PCB-1016 Peak 3	Ave	155218061	159238866		0.513	0.500	2.6	20.0
PCB-1016 Peak 4	Ave	64472512	69887556		0.542	0.500	8.4	20.0
PCB-1016 Peak 5	Ave	67849134	66755958		0.492	0.500	-1.6	20.0
PCB-1260 Peak 1	Ave	101355640	106510092		0.525	0.500	5.1	20.0
PCB-1260 Peak 2	Ave	200632590	204595820		0.510	0.500	2.0	20.0
PCB-1260 Peak 3	Ave	200043209	205467386		0.514	0.500	2.7	20.0
PCB-1260 Peak 4	Ave	271809958	275909556		0.508	0.500	1.5	20.0
PCB-1260 Peak 5	Ave	129152153	122667508		0.475	0.500	-5.0	20.0
Tetrachloro-m-xylene	Ave	2282867563	2392912840		0.0262	0.0250	4.8	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2162404320		0.0232	0.0250	-7.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69521/15 Calibration Date: 12/20/2012 17:39

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300015.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.89	1.84	1.94
PCB-1016 Peak 3	2.31	2.26	2.36
PCB-1016 Peak 4	2.44	2.39	2.49
PCB-1016 Peak 5	2.86	2.81	2.91
PCB-1260 Peak 1	4.15	4.10	4.20
PCB-1260 Peak 2	4.46	4.41	4.51
PCB-1260 Peak 3	4.76	4.71	4.81
PCB-1260 Peak 4	5.51	5.46	5.56
PCB-1260 Peak 5	5.81	5.76	5.86
Tetrachloro-m-xylene	1.28	1.23	1.33
DCB Decachlorobiphenyl	7.05	7.00	7.10

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300015.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 20-Dec-2012 17:39:15 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016044-015
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 15
Lims Batch ID: 69521 Lims Sample ID: 15
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:30 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	59822821	0.0262			
2	2	1.638	1.638	0.000	39251749	0.0273			
						RPD = 4.14			
6 PCB-1016									
1	100	1.579	1.579	0.000	19994910	0.4918		100.0	
1	2	1.887	1.887	0.000	37039452	0.5153	149.3- 199.3	185.2	
1	3	2.313	2.313	0.000	79619433	0.5130	350.2- 400.2	398.2	
1	4	2.444	2.444	0.000	34943778	0.5420	130.7- 180.7	174.8	
1	5	2.856	2.856	0.000	33377979	0.4919	137.9- 187.9	166.9	
			Average of Peak Amounts =			0.5108			
2	6	2.132	2.132	0.000	12234459	0.5444		100.0	
2	7	2.555	2.555	0.000	24616811	0.5248	176.5- 236.5	201.2	
2	8	3.037	3.037	0.000	50491721	0.5557	362.5- 422.5	412.7	
2	9	3.184	3.184	0.000	21263121	0.5492	137.9- 197.9	173.8	
2	10	3.837	3.837	0.000	19249906	0.5337	118.8- 178.8	157.3	
			Average of Peak Amounts =			0.5416			
						RPD = 5.85			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.151	4.151	0.000	53255046	0.5254		100.0	
1	2	4.460	4.460	0.000	102297910	0.5099	175.1- 225.1	192.1	
1	3	4.759	4.759	0.000	102733693	0.5136	173.2- 223.2	192.9	
1	4	5.509	5.509	0.000	137954778	0.5075	244.1- 294.1	259.0	
1	5	5.813	5.813	0.000	61333754	0.4749	101.5- 151.5	115.2	
			Average of Peak Amounts =			0.5063			
2	6	5.123	5.123	0.000	34174666	0.5128		100.0	
2	7	5.372	5.372	0.000	40388656	0.5318	86.6- 146.6	118.2	
2	8	5.759	5.759	0.000	59553538	0.5097	142.9- 202.9	174.3	
2	9	6.491	6.491	0.000	71633756	0.5034	179.5- 239.5	209.6	
2	10	6.893	6.893	0.000	48201706	0.4629	121.8- 181.8	141.0	
			Average of Peak Amounts =			0.5041			
						RPD = 0.42			
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.048	0.000	54060108	0.0232			
2	2	8.205	8.205	0.000	29790200	0.0221			
						RPD = 4.59			

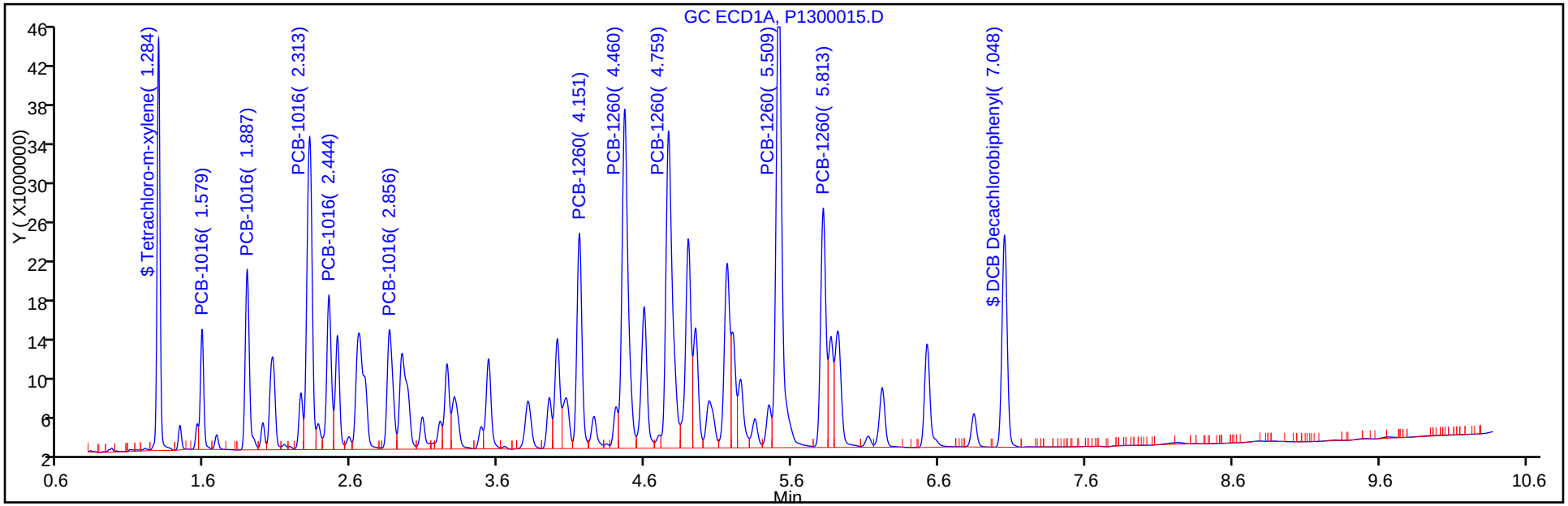
Report Date: 21-Dec-2012 11:50:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

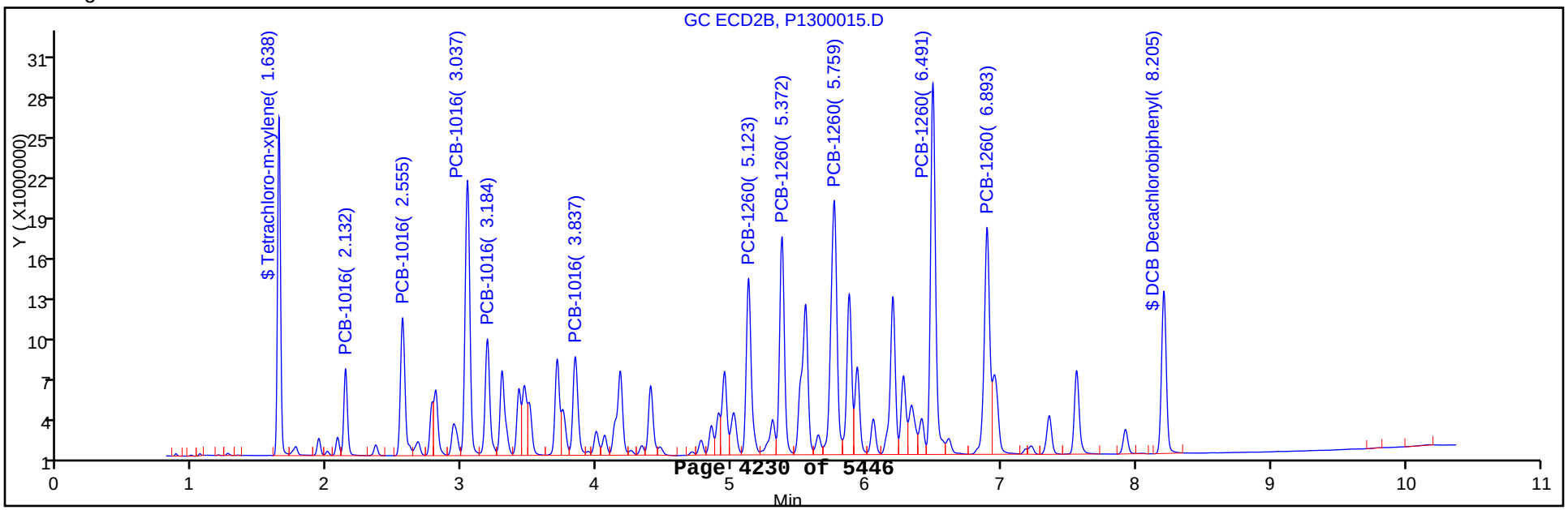
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Injection Date:	20-Dec-2012 17:39:15	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69521/15 Calibration Date: 12/20/2012 17:39

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300015.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	22473505	24468918		0.544	0.500	8.9	20.0
PCB-1016 Peak 2	Ave	46910344	49233622		0.525	0.500	5.0	20.0
PCB-1016 Peak 3	Ave	90857261	100983442		0.556	0.500	11.1	20.0
PCB-1016 Peak 4	Ave	38716589	42526242		0.549	0.500	9.8	20.0
PCB-1016 Peak 5	Ave	36067525	38499812		0.534	0.500	6.7	20.0
PCB-1260 Peak 1	Ave	66648717	68349332		0.513	0.500	2.6	20.0
PCB-1260 Peak 2	Lin1		80777312		0.532	0.500	6.4	20.0
PCB-1260 Peak 3	Ave	116834929	119107076		0.510	0.500	1.9	20.0
PCB-1260 Peak 4	Ave	142290611	143267512		0.503	0.500	0.7	20.0
PCB-1260 Peak 5	Ave	104134113	96403412		0.463	0.500	-7.4	20.0
Tetrachloro-m-xylene	Ave	1437051097	1570069960		0.0273	0.0250	9.3	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1191608000		0.0221	0.0250	-11.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69521/15 Calibration Date: 12/20/2012 17:39

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300015.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.13	2.08	2.18
PCB-1016 Peak 2	2.56	2.51	2.61
PCB-1016 Peak 3	3.04	2.99	3.09
PCB-1016 Peak 4	3.18	3.13	3.23
PCB-1016 Peak 5	3.84	3.79	3.89
PCB-1260 Peak 1	5.12	5.07	5.17
PCB-1260 Peak 2	5.37	5.32	5.42
PCB-1260 Peak 3	5.76	5.71	5.81
PCB-1260 Peak 4	6.49	6.44	6.54
PCB-1260 Peak 5	6.89	6.84	6.94
Tetrachloro-m-xylene	1.64	1.59	1.69
DCB Decachlorobiphenyl	8.21	8.16	8.26

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300015.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 20-Dec-2012 17:39:15 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016044-015
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 15
Lims Batch ID: 69521 Lims Sample ID: 15
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:30 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	59822821	0.0262			
2	2	1.638	1.638	0.000	39251749	0.0273			
						RPD = 4.14			
6 PCB-1016									
1	100	1.579	1.579	0.000	19994910	0.4918		100.0	
1	2	1.887	1.887	0.000	37039452	0.5153	149.3- 199.3	185.2	
1	3	2.313	2.313	0.000	79619433	0.5130	350.2- 400.2	398.2	
1	4	2.444	2.444	0.000	34943778	0.5420	130.7- 180.7	174.8	
1	5	2.856	2.856	0.000	33377979	0.4919	137.9- 187.9	166.9	
			Average of Peak Amounts =			0.5108			
2	6	2.132	2.132	0.000	12234459	0.5444		100.0	
2	7	2.555	2.555	0.000	24616811	0.5248	176.5- 236.5	201.2	
2	8	3.037	3.037	0.000	50491721	0.5557	362.5- 422.5	412.7	
2	9	3.184	3.184	0.000	21263121	0.5492	137.9- 197.9	173.8	
2	10	3.837	3.837	0.000	19249906	0.5337	118.8- 178.8	157.3	
			Average of Peak Amounts =			0.5416			
						RPD = 5.85			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.151	4.151	0.000	53255046	0.5254		100.0	
1	2	4.460	4.460	0.000	102297910	0.5099	175.1- 225.1	192.1	
1	3	4.759	4.759	0.000	102733693	0.5136	173.2- 223.2	192.9	
1	4	5.509	5.509	0.000	137954778	0.5075	244.1- 294.1	259.0	
1	5	5.813	5.813	0.000	61333754	0.4749	101.5- 151.5	115.2	
			Average of Peak Amounts =			0.5063			
2	6	5.123	5.123	0.000	34174666	0.5128		100.0	
2	7	5.372	5.372	0.000	40388656	0.5318	86.6- 146.6	118.2	
2	8	5.759	5.759	0.000	59553538	0.5097	142.9- 202.9	174.3	
2	9	6.491	6.491	0.000	71633756	0.5034	179.5- 239.5	209.6	
2	10	6.893	6.893	0.000	48201706	0.4629	121.8- 181.8	141.0	
			Average of Peak Amounts =			0.5041			
						RPD = 0.42			
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.048	0.000	54060108	0.0232			
2	2	8.205	8.205	0.000	29790200	0.0221			
						RPD = 4.59			

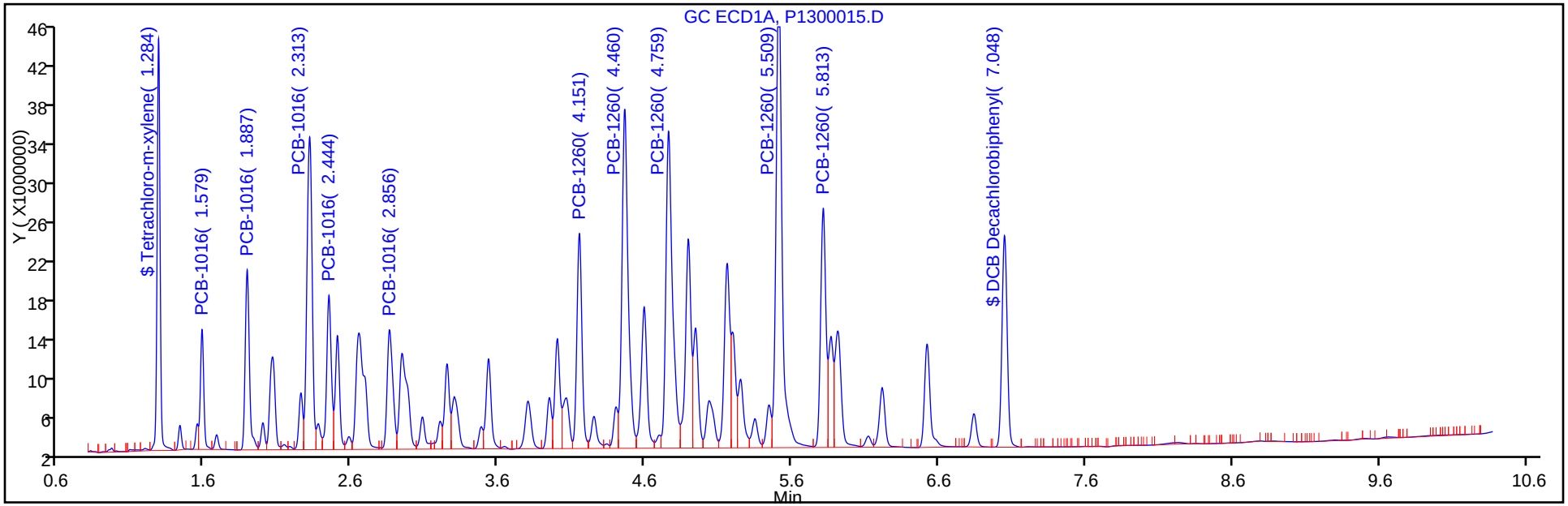
Report Date: 21-Dec-2012 11:50:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

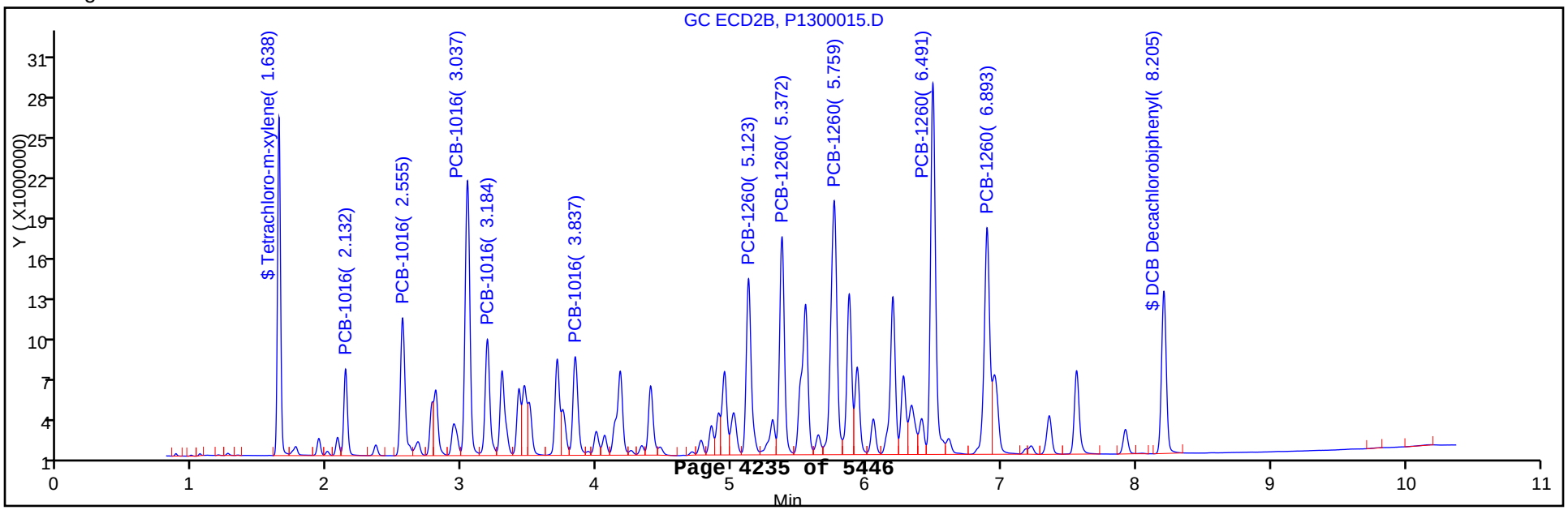
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Injection Date:	20-Dec-2012 17:39:15	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69521/26 Calibration Date: 12/20/2012 20:23

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300026.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	40655544	40042744		0.492	0.500	-1.5	20.0
PCB-1016 Peak 2	Ave	71876982	73694108		0.513	0.500	2.5	20.0
PCB-1016 Peak 3	Ave	155218061	160198430		0.516	0.500	3.2	20.0
PCB-1016 Peak 4	Ave	64472512	69563962		0.539	0.500	7.9	20.0
PCB-1016 Peak 5	Ave	67849134	66214782		0.488	0.500	-2.4	20.0
PCB-1260 Peak 1	Ave	101355640	102568536		0.506	0.500	1.2	20.0
PCB-1260 Peak 2	Ave	200632590	198985964		0.496	0.500	-0.8	20.0
PCB-1260 Peak 3	Ave	200043209	196227026		0.490	0.500	-1.9	20.0
PCB-1260 Peak 4	Ave	271809958	258614238		0.476	0.500	-4.9	20.0
PCB-1260 Peak 5	Ave	129152153	116244750		0.450	0.500	-10.0	20.0
Tetrachloro-m-xylene	Ave	2282867563	2438137040		0.0267	0.0250	6.8	20.0
DCB Decachlorobiphenyl	Ave	2334659370	1985376040		0.0213	0.0250	-15.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69521/26 Calibration Date: 12/20/2012 20:23

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300026.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.89	1.84	1.94
PCB-1016 Peak 3	2.31	2.26	2.36
PCB-1016 Peak 4	2.45	2.40	2.50
PCB-1016 Peak 5	2.86	2.81	2.91
PCB-1260 Peak 1	4.15	4.10	4.20
PCB-1260 Peak 2	4.46	4.41	4.51
PCB-1260 Peak 3	4.76	4.71	4.81
PCB-1260 Peak 4	5.51	5.46	5.56
PCB-1260 Peak 5	5.81	5.76	5.86
Tetrachloro-m-xylene	1.28	1.23	1.33
DCB Decachlorobiphenyl	7.05	7.00	7.10

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300026.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 20-Dec-2012 20:23:58 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016044-026
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 26
Lims Batch ID: 69521 Lims Sample ID: 26
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:44 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 11:49:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	60953426	0.0267			
2	2	1.639	1.639	0.000	39993872	0.0278			
						RPD = 4.14			
6 PCB-1016									M
1	100	1.580	1.580	0.000	20021372	0.4925		100.0	
1	2	1.888	1.888	0.000	36847054	0.5126	149.3- 199.3	184.0	
1	3	2.314	2.314	0.000	80099215	0.5160	350.2- 400.2	400.1	M
1	4	2.445	2.445	0.000	34781981	0.5395	130.7- 180.7	173.7	M
1	5	2.858	2.858	0.000	33107391	0.4880	137.9- 187.9	165.4	M
			Average of Peak Amounts =			0.5097			
2	6	2.133	2.133	0.000	12529192	0.5575		100.0	
2	7	2.556	2.556	0.000	25273259	0.5388	176.5- 236.5	201.7	
2	8	3.037	3.037	0.000	52299486	0.5756	362.5- 422.5	417.4	
2	9	3.184	3.184	0.000	21814825	0.5634	137.9- 197.9	174.1	
2	10	3.837	3.837	0.000	19298680	0.5351	118.8- 178.8	154.0	
			Average of Peak Amounts =			0.5541			
						RPD = 8.34			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.150	0.000	51284268	0.5060		100.0	
1	2	4.461	4.461	0.000	99492982	0.4959	175.1- 225.1	194.0	
1	3	4.760	4.760	0.000	98113513	0.4905	173.2- 223.2	191.3	
1	4	5.511	5.511	0.000	129307119	0.4757	244.1- 294.1	252.1	
1	5	5.814	5.814	0.000	58122375	0.4500	101.5- 151.5	113.3	
			Average of Peak Amounts =			0.4836			
2	6	5.123	5.123	0.000	33266345	0.4991		100.0	
2	7	5.370	5.370	0.000	39447606	0.5184	86.6- 146.6	118.6	
2	8	5.759	5.759	0.000	58788761	0.5032	142.9- 202.9	176.7	
2	9	6.492	6.492	0.000	70108180	0.4927	179.5- 239.5	210.7	
2	10	6.894	6.894	0.000	48159814	0.4625	121.8- 181.8	144.8	
			Average of Peak Amounts =			0.4952			
						RPD = 2.36			
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.049	0.000	49634401	0.0213			
2	2	8.206	8.206	0.000	28976047	0.0215			
						RPD = 1.18			

QC Flag Legend

Review Flags
M - Manually Integrated

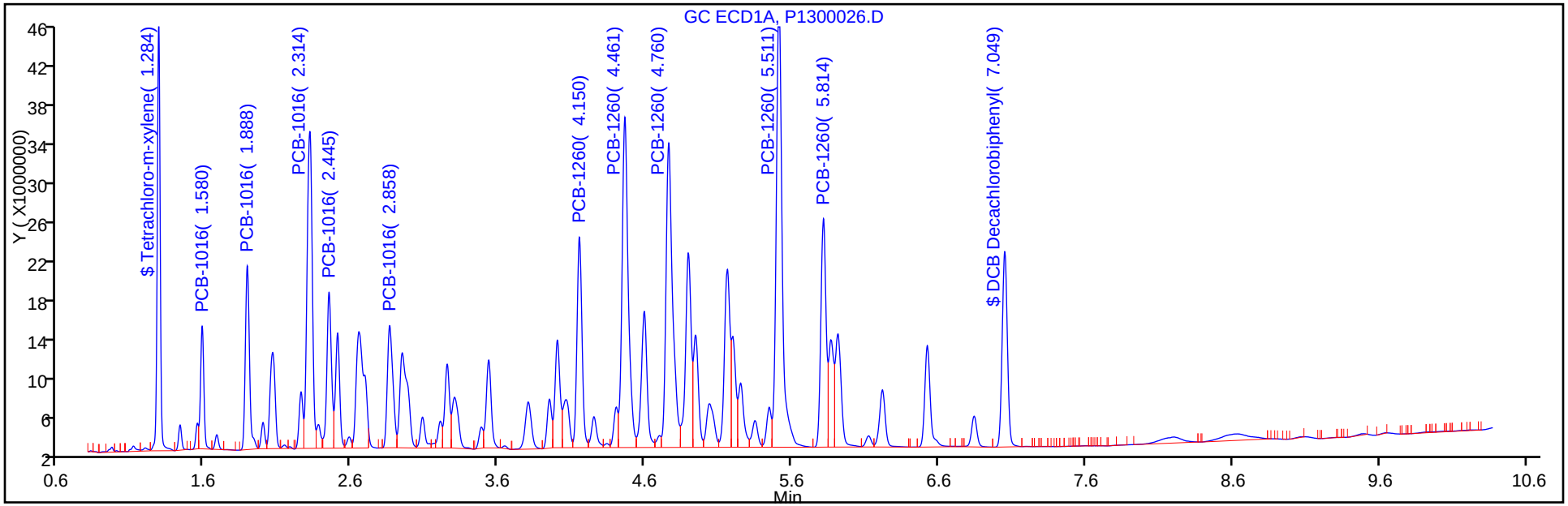
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TestAmerica Canton

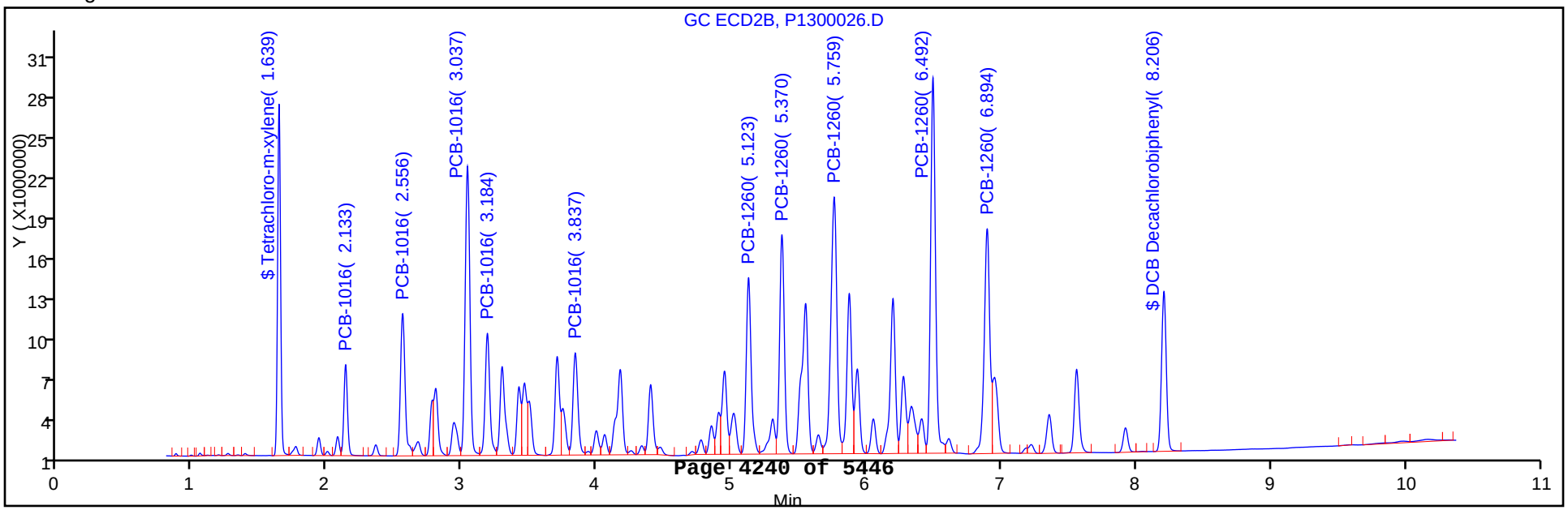
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Injection Date:	20-Dec-2012 20:23:58	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



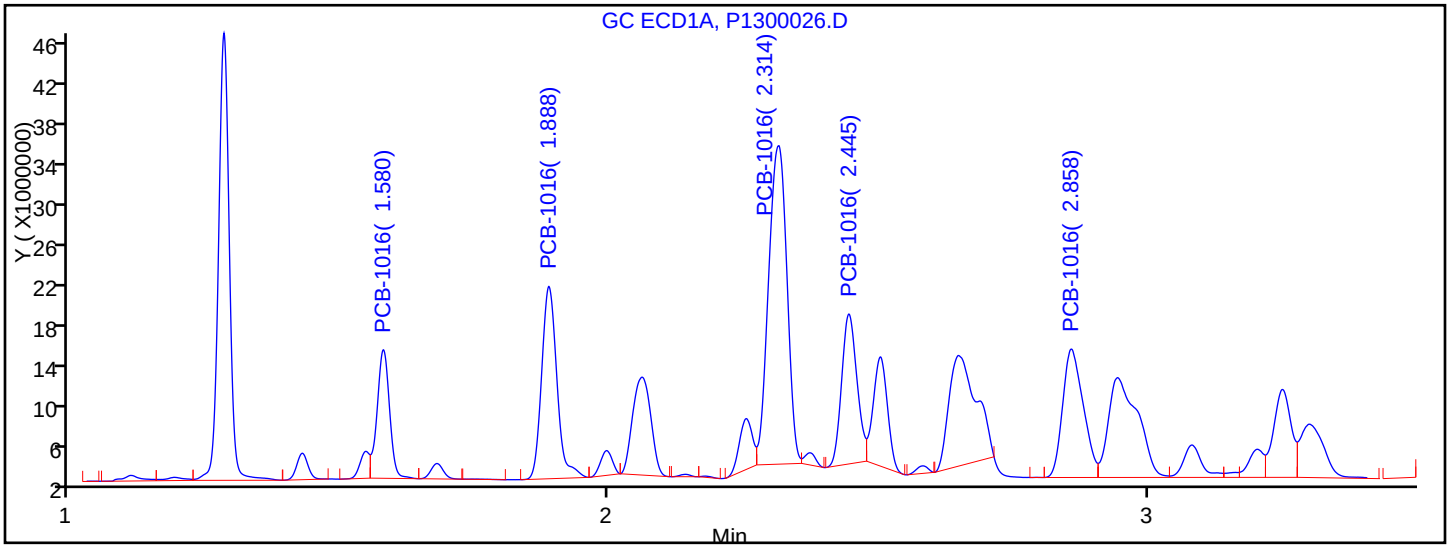
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TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300026.D

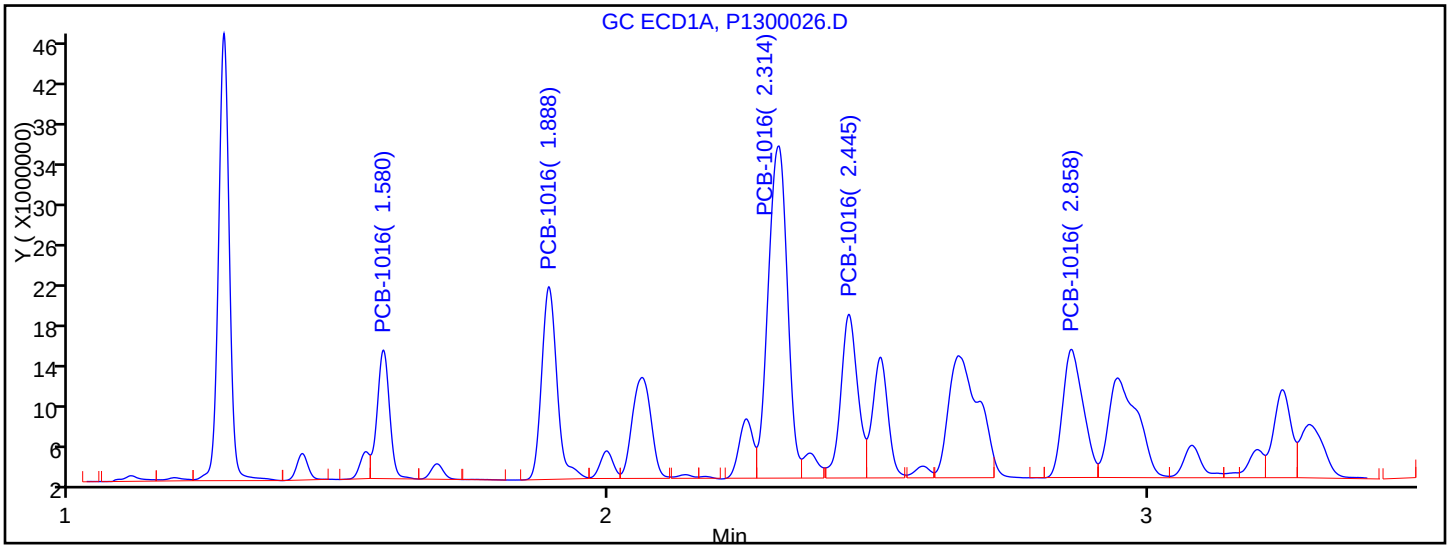
Injection Date:	20-Dec-2012 20:23:58	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.580	Response = 20021372	
RT = 1.888	Response = 36847054	
RT = 2.314	Response = 73477595	M
RT = 2.445	Response = 28917222	M
RT = 2.858	Response = 33286500	M



Manual Integration Results

RT = 1.580	Response = 20021372	
RT = 1.888	Response = 36847054	
RT = 2.314	Response = 80099215	M
RT = 2.445	Response = 34781981	M
RT = 2.858	Response = 33107391	M

Reviewer: hassl, 21-Dec-2012 11:49:01

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69521/26 Calibration Date: 12/20/2012 20:23

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300026.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	22473505	25058384		0.558	0.500	11.5	20.0
PCB-1016 Peak 2	Ave	46910344	50546518		0.539	0.500	7.8	20.0
PCB-1016 Peak 3	Ave	90857261	104598972		0.576	0.500	15.1	20.0
PCB-1016 Peak 4	Ave	38716589	43629650		0.563	0.500	12.7	20.0
PCB-1016 Peak 5	Ave	36067525	38597360		0.535	0.500	7.0	20.0
PCB-1260 Peak 1	Ave	66648717	66532690		0.499	0.500	-0.2	20.0
PCB-1260 Peak 2	Lin1		78895212		0.518	0.500	3.7	20.0
PCB-1260 Peak 3	Ave	116834929	117577522		0.503	0.500	0.6	20.0
PCB-1260 Peak 4	Ave	142290611	140216360		0.493	0.500	-1.5	20.0
PCB-1260 Peak 5	Ave	104134113	96319628		0.462	0.500	-7.5	20.0
Tetrachloro-m-xylene	Ave	1437051097	1599754880		0.0278	0.0250	11.3	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1159041880		0.0215	0.0250	-13.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-69521/26 Calibration Date: 12/20/2012 20:23

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300026.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.13	2.08	2.18
PCB-1016 Peak 2	2.56	2.51	2.61
PCB-1016 Peak 3	3.04	2.99	3.09
PCB-1016 Peak 4	3.18	3.13	3.23
PCB-1016 Peak 5	3.84	3.79	3.89
PCB-1260 Peak 1	5.12	5.07	5.17
PCB-1260 Peak 2	5.37	5.32	5.42
PCB-1260 Peak 3	5.76	5.71	5.81
PCB-1260 Peak 4	6.49	6.44	6.54
PCB-1260 Peak 5	6.89	6.84	6.94
Tetrachloro-m-xylene	1.64	1.59	1.69
DCB Decachlorobiphenyl	8.21	8.16	8.26

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300026.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 20-Dec-2012 20:23:58 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016044-026
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 26
Lims Batch ID: 69521 Lims Sample ID: 26
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:44 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 11:49:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	60953426	0.0267			
2	2	1.639	1.639	0.000	39993872	0.0278			
						RPD = 4.14			
6 PCB-1016									M
1	100	1.580	1.580	0.000	20021372	0.4925		100.0	
1	2	1.888	1.888	0.000	36847054	0.5126	149.3- 199.3	184.0	
1	3	2.314	2.314	0.000	80099215	0.5160	350.2- 400.2	400.1	M
1	4	2.445	2.445	0.000	34781981	0.5395	130.7- 180.7	173.7	M
1	5	2.858	2.858	0.000	33107391	0.4880	137.9- 187.9	165.4	M
			Average of Peak Amounts =			0.5097			
2	6	2.133	2.133	0.000	12529192	0.5575		100.0	
2	7	2.556	2.556	0.000	25273259	0.5388	176.5- 236.5	201.7	
2	8	3.037	3.037	0.000	52299486	0.5756	362.5- 422.5	417.4	
2	9	3.184	3.184	0.000	21814825	0.5634	137.9- 197.9	174.1	
2	10	3.837	3.837	0.000	19298680	0.5351	118.8- 178.8	154.0	
			Average of Peak Amounts =			0.5541			
						RPD = 8.34			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.150	0.000	51284268	0.5060		100.0	
1	2	4.461	4.461	0.000	99492982	0.4959	175.1- 225.1	194.0	
1	3	4.760	4.760	0.000	98113513	0.4905	173.2- 223.2	191.3	
1	4	5.511	5.511	0.000	129307119	0.4757	244.1- 294.1	252.1	
1	5	5.814	5.814	0.000	58122375	0.4500	101.5- 151.5	113.3	
			Average of Peak Amounts =			0.4836			
2	6	5.123	5.123	0.000	33266345	0.4991		100.0	
2	7	5.370	5.370	0.000	39447606	0.5184	86.6- 146.6	118.6	
2	8	5.759	5.759	0.000	58788761	0.5032	142.9- 202.9	176.7	
2	9	6.492	6.492	0.000	70108180	0.4927	179.5- 239.5	210.7	
2	10	6.894	6.894	0.000	48159814	0.4625	121.8- 181.8	144.8	
			Average of Peak Amounts =			0.4952			
						RPD = 2.36			
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.049	0.000	49634401	0.0213			
2	2	8.206	8.206	0.000	28976047	0.0215			
						RPD = 1.18			

QC Flag Legend

Review Flags
M - Manually Integrated

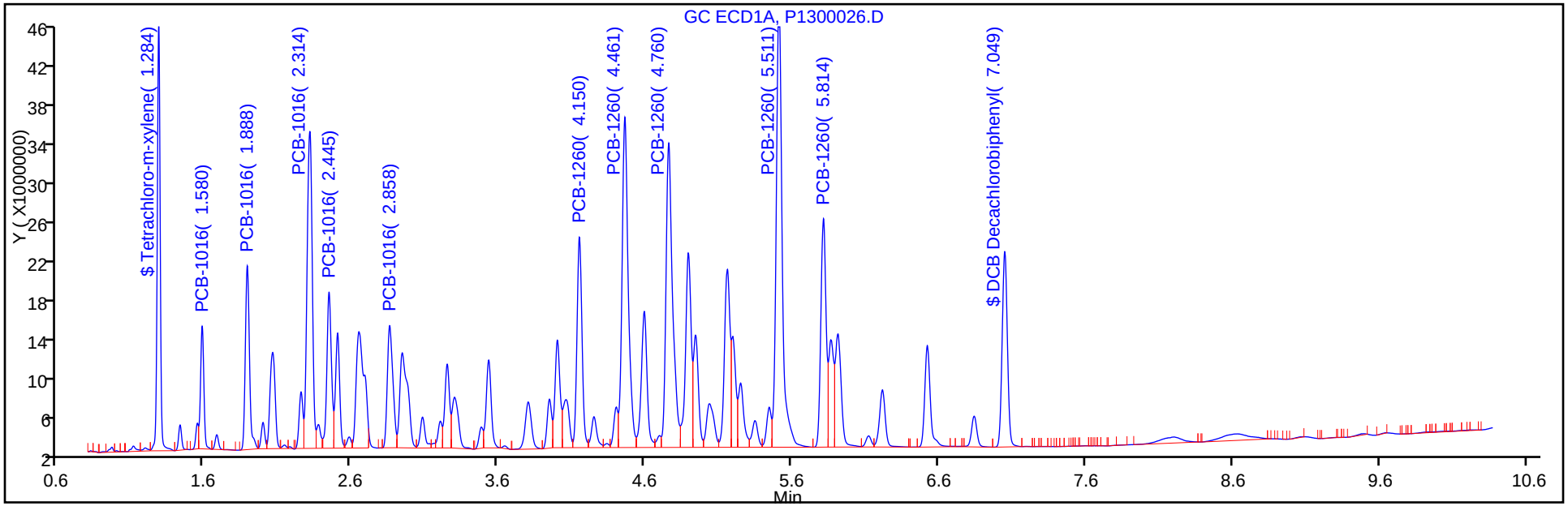
Report Date: 21-Dec-2012 11:50:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

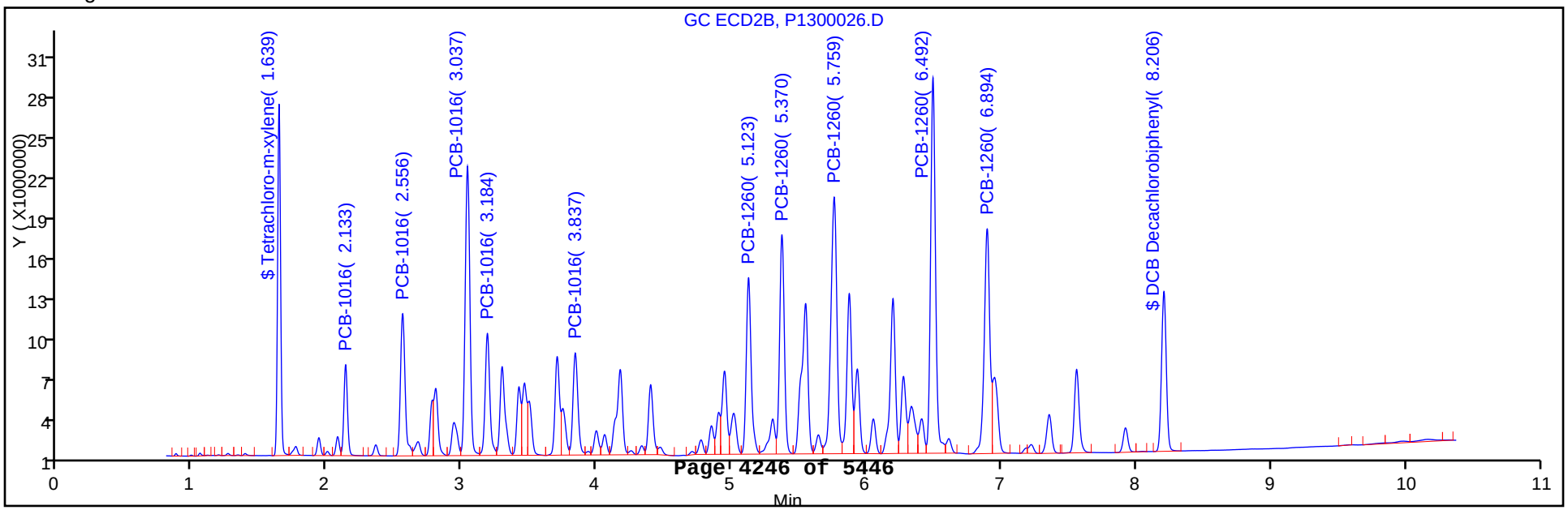
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Injection Date:	20-Dec-2012 20:23:58	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/45 Calibration Date: 12/04/2012 19:34

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 13:16

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 14:34

Lab File ID: P4000045.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	13267986	12538271		0.945	1.00	-5.5	20.0
PCB-1221 Peak 2	Ave	7099734	5783252		0.815	1.00	-18.5	20.0
PCB-1221 Peak 3	Ave	33295932	31329616		0.941	1.00	-5.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/45 Calibration Date: 12/04/2012 19:34

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 13:16

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 14:34

Lab File ID: P4000045.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	1.40	1.30	1.50
PCB-1221 Peak 2	1.51	1.41	1.61
PCB-1221 Peak 3	1.54	1.44	1.64

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000045.D
Lims ID: ICV 1221 Client ID:
Inject. Date: 04-Dec-2012 19:34:14 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015497-045
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 67207 Lims Sample ID: 45
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.404	1.404	0.000	12538271	0.9450		100.0	
1	3	1.513	1.513	0.000	5783252	0.8146	26.9- 76.9	46.1	
1	4	1.542	1.541	0.001	31329616	0.9409	229.8- 279.8	249.9	
			Average of Peak Amounts =			0.9002			
2	4	1.950	1.951	-0.001	8242952	0.8919		100.0	
2	5	2.081	2.080	0.001	5631529	0.9042	38.8- 98.8	68.3	
2	6	2.137	2.137	0.000	20285215	0.9233	209.6- 269.6	246.1	
			Average of Peak Amounts =			0.9065			
						RPD = 0.70			

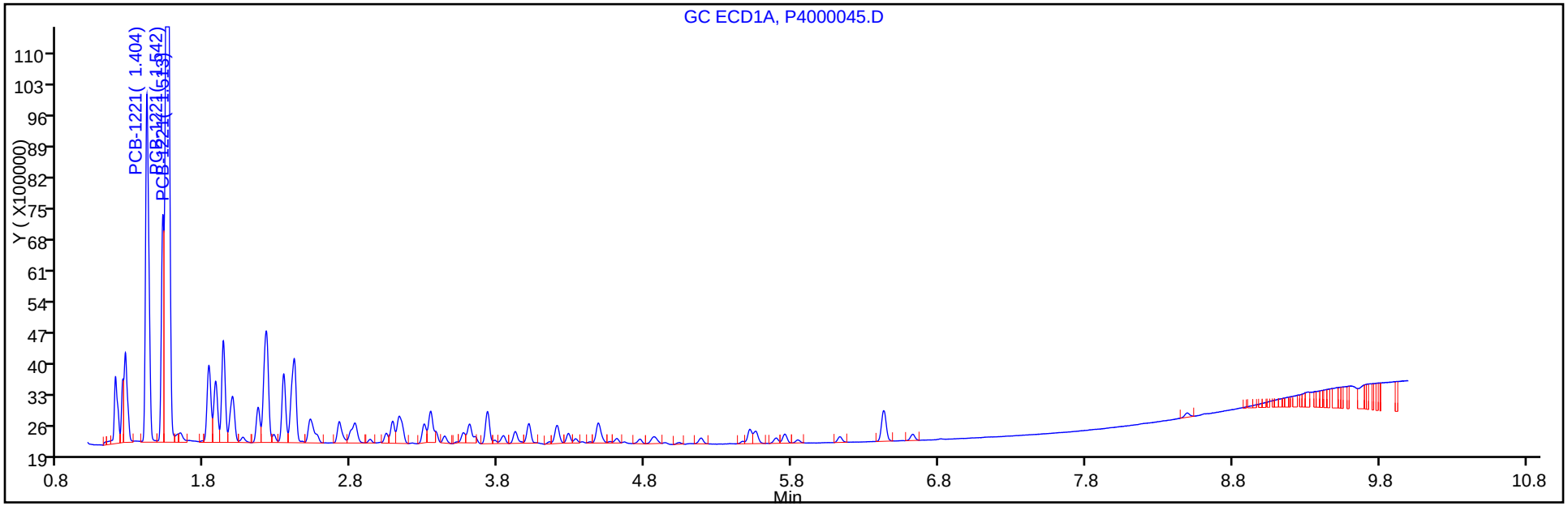
Report Date: 05-Dec-2012 06:33:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

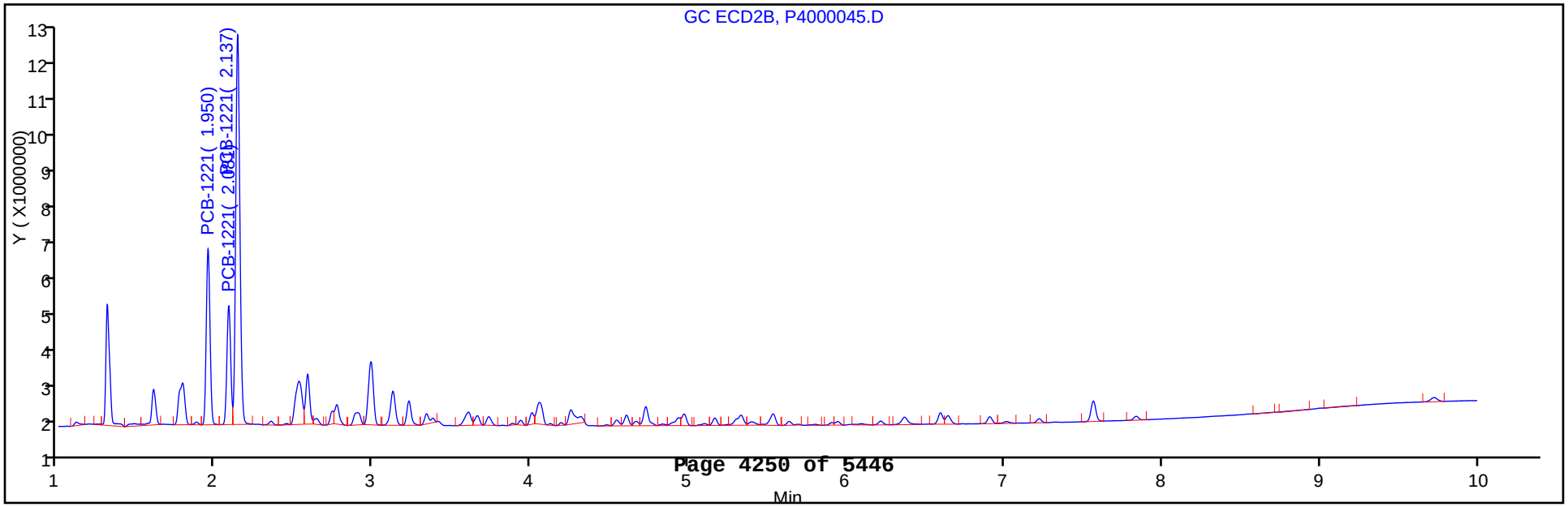
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000045.D

Injection Date:	04-Dec-2012 19:34:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/45 Calibration Date: 12/04/2012 19:34

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 13:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 14:34

Lab File ID: P4000045.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	9241973	8242952		0.892	1.00	-10.8	20.0
PCB-1221 Peak 2	Ave	6228060	5631529		0.904	1.00	-9.6	20.0
PCB-1221 Peak 3	Ave	21969172	20285215		0.923	1.00	-7.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/45 Calibration Date: 12/04/2012 19:34

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 13:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 14:34

Lab File ID: P4000045.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	1.95	1.85	2.05
PCB-1221 Peak 2	2.08	1.98	2.18
PCB-1221 Peak 3	2.14	2.04	2.24

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000045.D
Lims ID: ICV 1221 Client ID:
Inject. Date: 04-Dec-2012 19:34:14 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015497-045
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 67207 Lims Sample ID: 45
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									
1	2	1.404	1.404	0.000	12538271	0.9450		100.0	
1	3	1.513	1.513	0.000	5783252	0.8146	26.9- 76.9	46.1	
1	4	1.542	1.541	0.001	31329616	0.9409	229.8- 279.8	249.9	
			Average of Peak Amounts =			0.9002			
2	4	1.950	1.951	-0.001	8242952	0.8919		100.0	
2	5	2.081	2.080	0.001	5631529	0.9042	38.8- 98.8	68.3	
2	6	2.137	2.137	0.000	20285215	0.9233	209.6- 269.6	246.1	
			Average of Peak Amounts =			0.9065			
						RPD = 0.70			

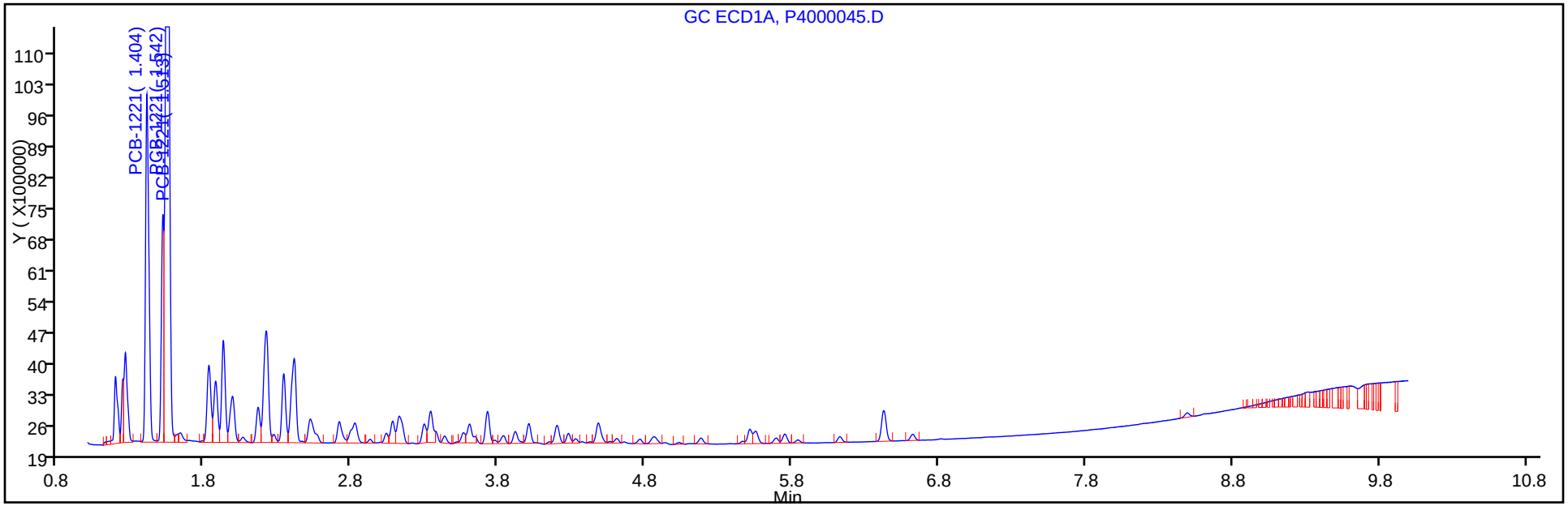
Report Date: 05-Dec-2012 06:33:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

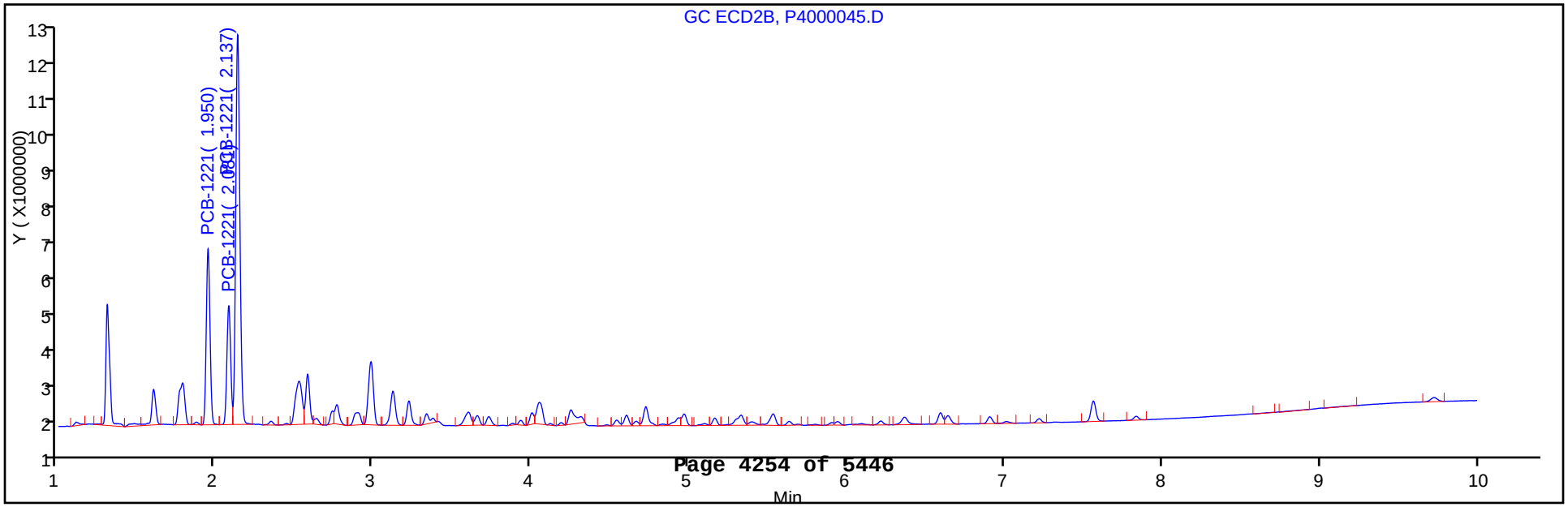
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000045.D

Injection Date:	04-Dec-2012 19:34:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/46 Calibration Date: 12/04/2012 19:49

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 08:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 09:45

Lab File ID: P4000046.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	26873278	26585235		0.989	1.00	-1.1	20.0
PCB-1232 Peak 2	Ave	19052179	20857753		1.09	1.00	9.5	20.0
PCB-1232 Peak 3	Ave	38843322	46427764		1.20	1.00	19.5	20.0
PCB-1232 Peak 4	Ave	16867680	19964234		1.18	1.00	18.4	20.0
PCB-1232 Peak 5	Ave	15782425	19181206		1.22	1.00	21.5*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/46 Calibration Date: 12/04/2012 19:49

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 08:26

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 09:45

Lab File ID: P4000046.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	1.54	1.44	1.64
PCB-1232 Peak 2	1.82	1.72	1.92
PCB-1232 Peak 3	2.22	2.11	2.31
PCB-1232 Peak 4	2.34	2.23	2.43
PCB-1232 Peak 5	2.72	2.61	2.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000046.D
Lims ID: ICV 1232 Client ID:
Inject. Date: 04-Dec-2012 19:49:56 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015497-046
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 67207 Lims Sample ID: 46
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

First Level Reviewer: hassl Date: 05-Dec-2012 06:29:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.541	1.539	0.002	26585235	0.9893		100.0	
1	2	1.824	1.822	0.002	20857753	1.09	46.4- 96.4	78.5	
1	3	2.216	2.212	0.004	46427764	1.20	117.6- 167.6	174.6	
1	4	2.336	2.333	0.003	19964234	1.18	39.5- 89.5	75.1	
1	5	2.715	2.713	0.002	19181206	1.22	34.7- 84.7	72.1	
			Average of Peak Amounts =			1.14			
2	6	2.136	2.133	0.003	17777350	0.9799		100.0	
2	7	2.531	2.530	0.001	15286869	1.24	49.8- 109.8	86.0	M
2	8	2.982	2.979	0.003	32349072	1.16	120.0- 180.0	182.0	
2	9	3.121	3.118	0.003	13833172	1.11	37.4- 97.4	77.8	
2	10	3.731	3.728	0.003	11612974	1.13	26.1- 86.1	65.3	
			Average of Peak Amounts =			1.13			
						RPD = 0.93			

QC Flag Legend

Review Flags
M - Manually Integrated

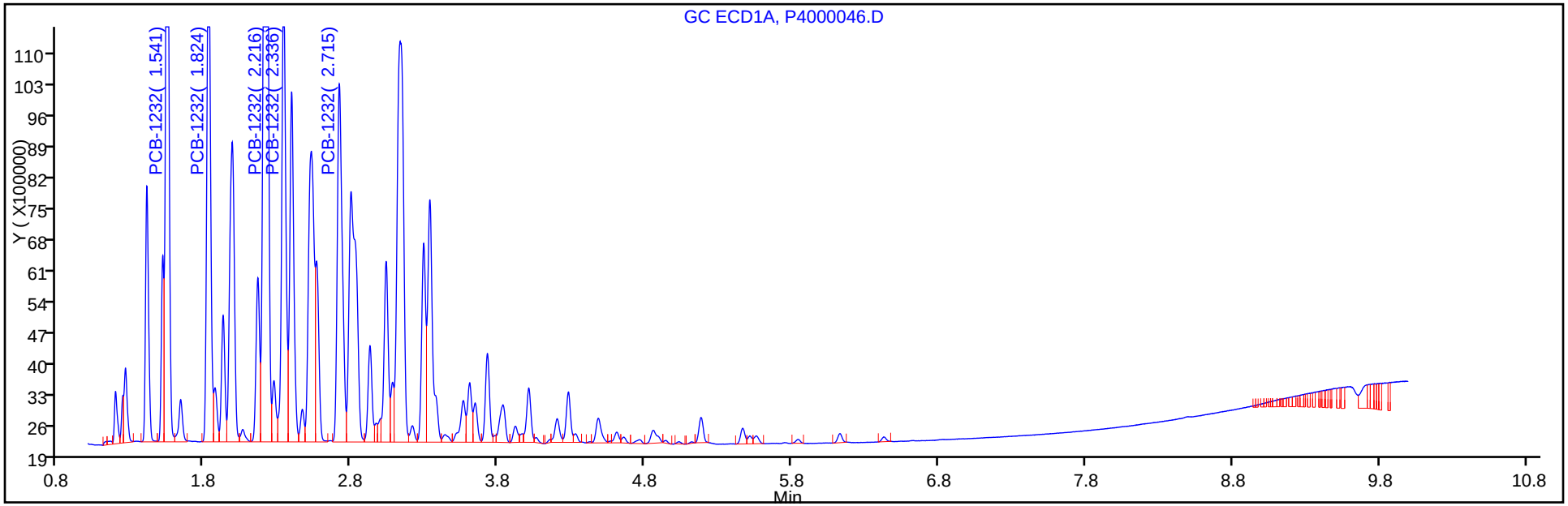
Report Date: 05-Dec-2012 06:33:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

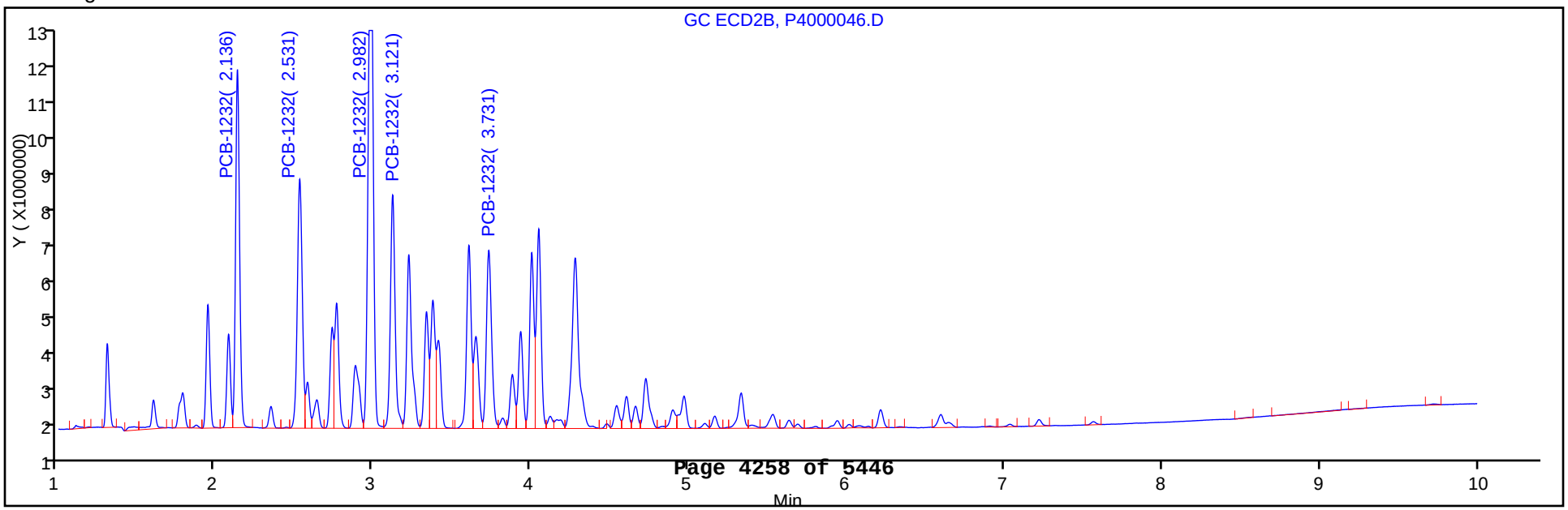
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Injection Date:	04-Dec-2012 19:49:56	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/46 Calibration Date: 12/04/2012 19:49

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 08:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 09:45

Lab File ID: P4000046.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	18141420	17777350		0.980	1.00	-2.0	20.0
PCB-1232 Peak 2	Lin1		15286869		1.24	1.00	24.1*	20.0
PCB-1232 Peak 3	Ave	27786209	32349072		1.16	1.00	16.4	20.0
PCB-1232 Peak 4	Ave	12466666	13833172		1.11	1.00	11.0	20.0
PCB-1232 Peak 5	Ave	10273223	11612974		1.13	1.00	13.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/46 Calibration Date: 12/04/2012 19:49

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 08:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 09:45

Lab File ID: P4000046.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	2.14	2.03	2.23
PCB-1232 Peak 2	2.53	2.43	2.63
PCB-1232 Peak 3	2.98	2.88	3.08
PCB-1232 Peak 4	3.12	3.02	3.22
PCB-1232 Peak 5	3.73	3.63	3.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000046.D
Lims ID: ICV 1232 Client ID:
Inject. Date: 04-Dec-2012 19:49:56 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015497-046
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 67207 Lims Sample ID: 46
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

First Level Reviewer: hassl Date: 05-Dec-2012 06:29:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.541	1.539	0.002	26585235	0.9893		100.0	
1	2	1.824	1.822	0.002	20857753	1.09	46.4- 96.4	78.5	
1	3	2.216	2.212	0.004	46427764	1.20	117.6- 167.6	174.6	
1	4	2.336	2.333	0.003	19964234	1.18	39.5- 89.5	75.1	
1	5	2.715	2.713	0.002	19181206	1.22	34.7- 84.7	72.1	
			Average of Peak Amounts =			1.14			
2	6	2.136	2.133	0.003	17777350	0.9799		100.0	
2	7	2.531	2.530	0.001	15286869	1.24	49.8- 109.8	86.0	M
2	8	2.982	2.979	0.003	32349072	1.16	120.0- 180.0	182.0	
2	9	3.121	3.118	0.003	13833172	1.11	37.4- 97.4	77.8	
2	10	3.731	3.728	0.003	11612974	1.13	26.1- 86.1	65.3	
			Average of Peak Amounts =			1.13			
						RPD = 0.93			

QC Flag Legend

Review Flags
M - Manually Integrated

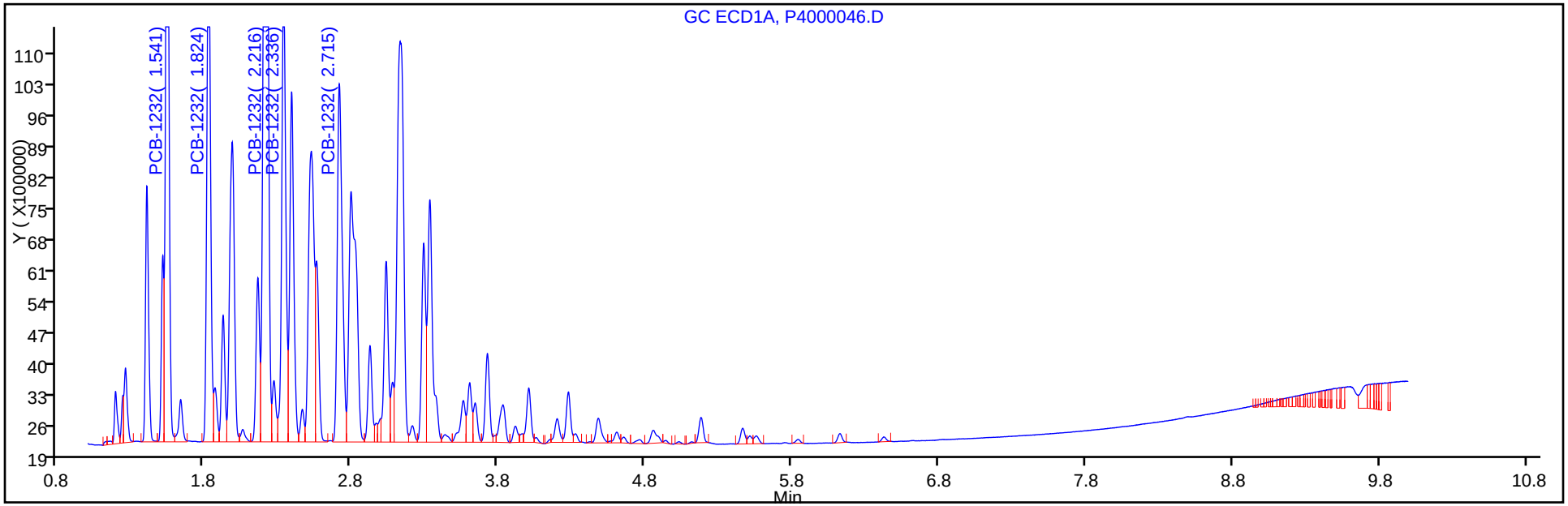
Report Date: 05-Dec-2012 06:33:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

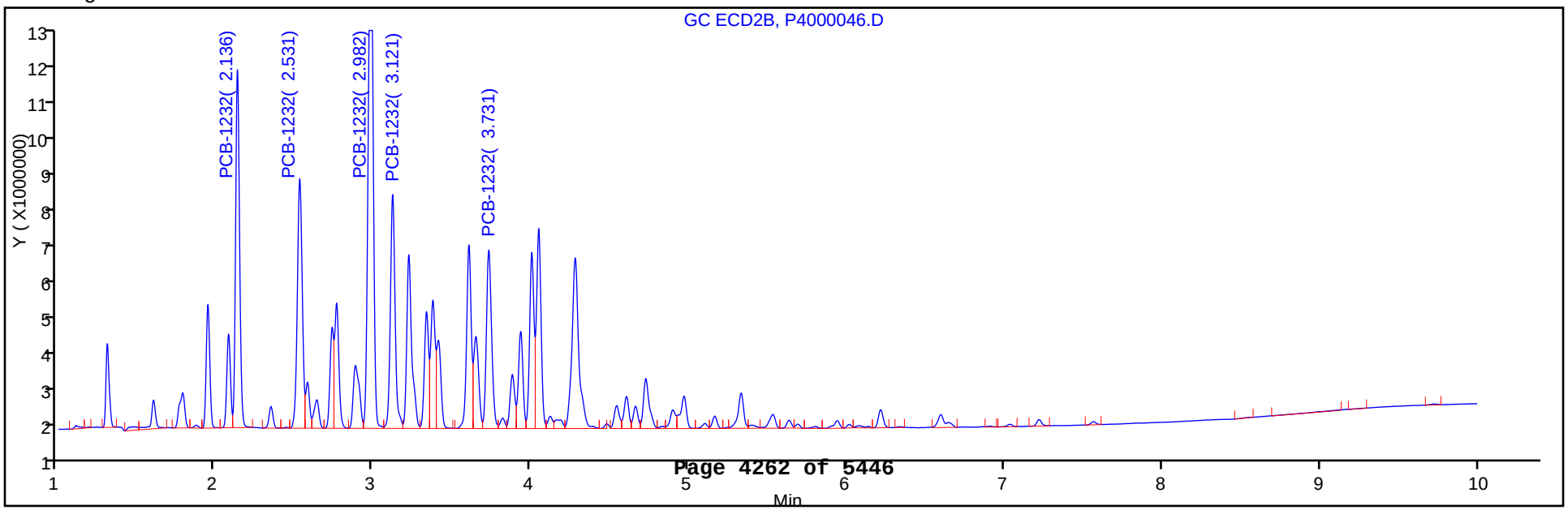
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Injection Date:	04-Dec-2012 19:49:56	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



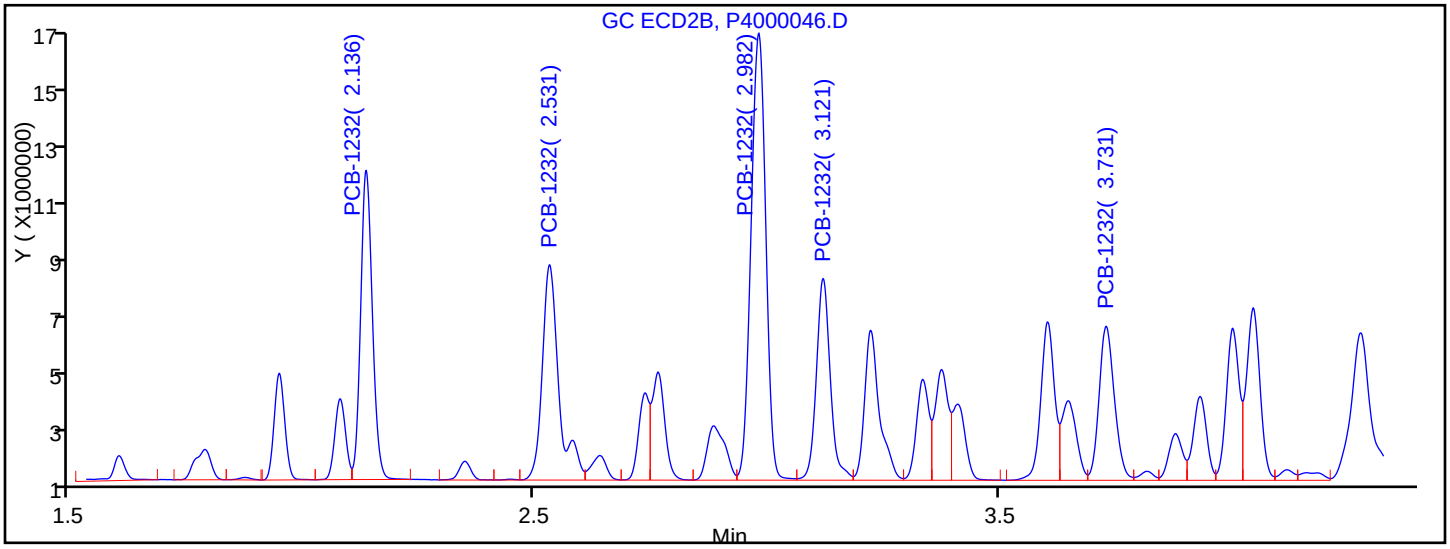
Report Date: 05-Dec-2012 06:33:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000046.D

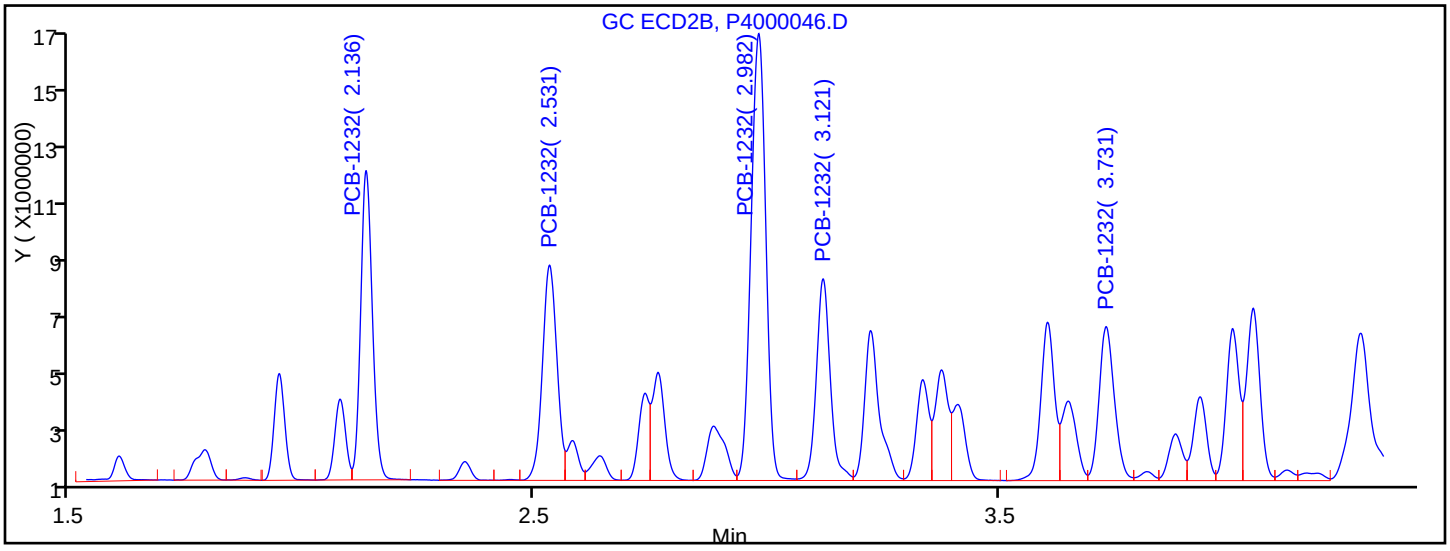
Injection Date:	04-Dec-2012 19:49:56	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 2, GC ecd2b



Processing Integration Results

RT = 2.136	Response = 17777350	
RT = 2.531	Response = 17560664	M
RT = 2.982	Response = 32349072	
RT = 3.121	Response = 13833172	
RT = 3.731	Response = 11612974	



Manual Integration Results

RT = 2.136	Response = 17777350	
RT = 2.531	Response = 15286869	M
RT = 2.982	Response = 32349072	
RT = 3.121	Response = 13833172	
RT = 3.731	Response = 11612974	

Reviewer: hassl, 05-Dec-2012 06:29:03

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/47 Calibration Date: 12/04/2012 20:05

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 10:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 11:25

Lab File ID: P4000047.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	19693976	18795971		0.954	1.00	-4.6	20.0
PCB-1242 Peak 2	Ave	36322819	34920123		0.961	1.00	-3.9	20.0
PCB-1242 Peak 3	Ave	74235717	76335758		1.03	1.00	2.8	20.0
PCB-1242 Peak 4	Ave	33013857	32728104		0.991	1.00	-0.9	20.0
PCB-1242 Peak 5	Ave	33077361	33686829		1.02	1.00	1.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/47 Calibration Date: 12/04/2012 20:05

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 10:07

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 11:25

Lab File ID: P4000047.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	1.54	1.44	1.64
PCB-1242 Peak 2	1.83	1.73	1.93
PCB-1242 Peak 3	2.22	2.12	2.32
PCB-1242 Peak 4	2.34	2.24	2.44
PCB-1242 Peak 5	2.72	2.62	2.82

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000047.D
Lims ID: ICV 1242 Client ID:
Inject. Date: 04-Dec-2012 20:05:39 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015497-047
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 47
Lims Batch ID: 67207 Lims Sample ID: 47
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

First Level Reviewer: hassl Date: 05-Dec-2012 06:26:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.543	1.544	-0.001	18795971	0.9544		100.0	
1	2	1.826	1.827	-0.001	34920123	0.9614	161.9- 211.9	185.8	M
1	3	2.216	2.219	-0.003	76335758	1.03	349.2- 399.2	406.1	M
1	4	2.337	2.339	-0.002	32728104	0.99	143.3- 193.3	174.1	M
1	5	2.717	2.719	-0.002	33686829	1.02	141.6- 191.6	179.2	M
			Average of Peak Amounts =			0.99			
2	6	2.137	2.134	0.003	12475102	0.9406		100.0	
2	7	2.532	2.529	0.003	25209623	0.9578	170.9- 230.9	202.1	
2	8	2.983	2.980	0.003	53283589	1.04	354.9- 414.9	427.1	
2	9	3.121	3.119	0.002	22464807	1.00	140.5- 200.5	180.1	
2	10	3.605	3.602	0.003	18507574	1.16	115.3- 175.3	148.4	
			Average of Peak Amounts =			1.02			
						RPD = 2.94			

QC Flag Legend

Review Flags
M - Manually Integrated

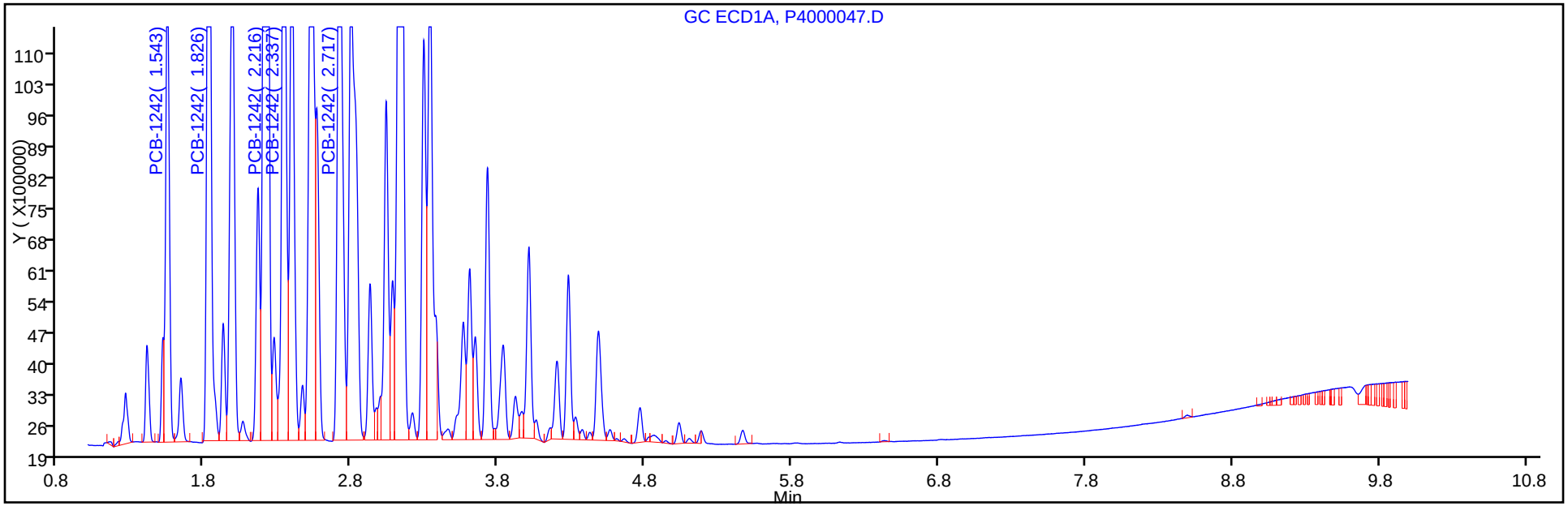
Report Date: 05-Dec-2012 06:33:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

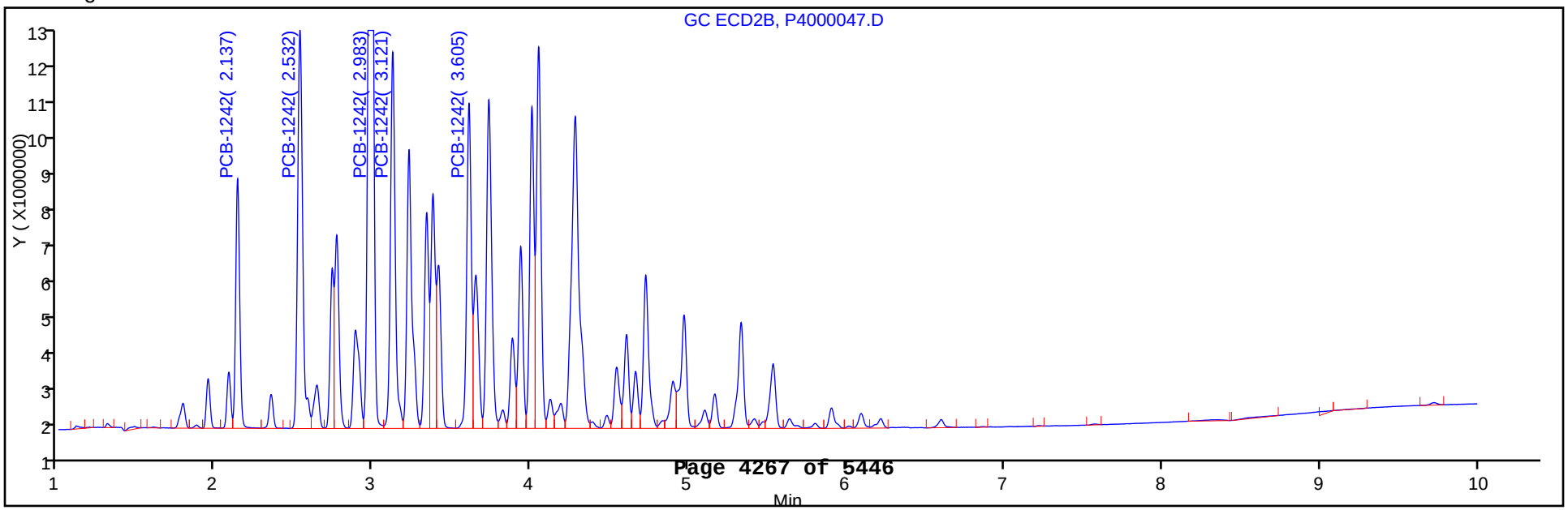
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000047.D

Injection Date:	04-Dec-2012 20:05:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



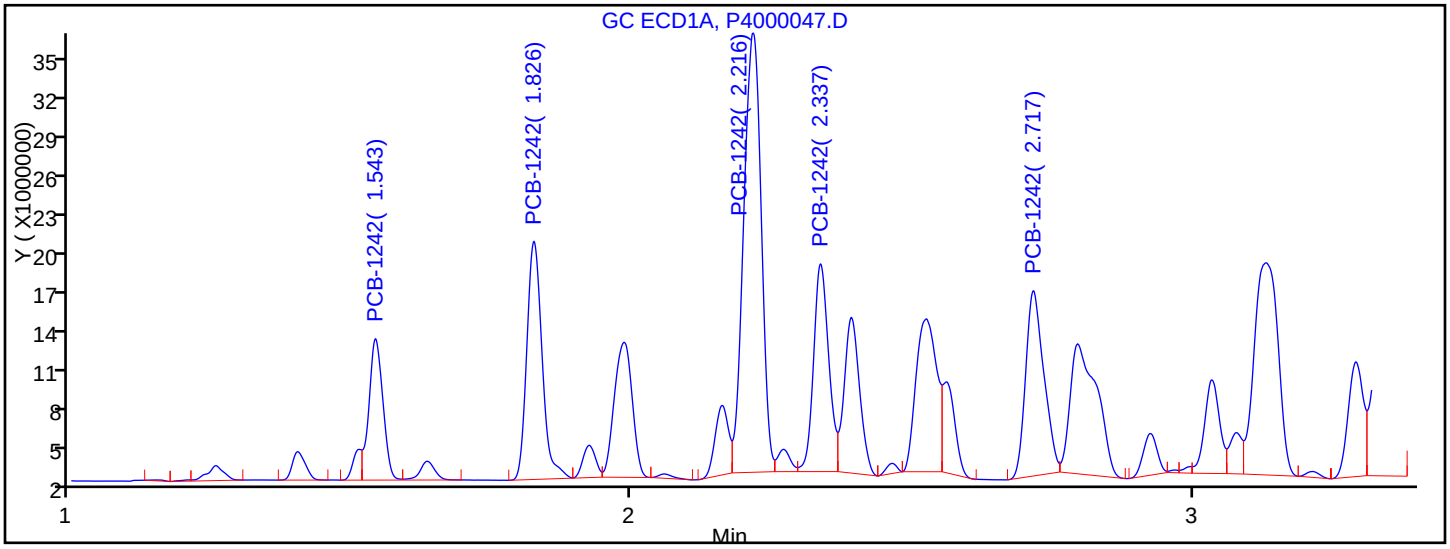
Report Date: 05-Dec-2012 06:33:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000047.D

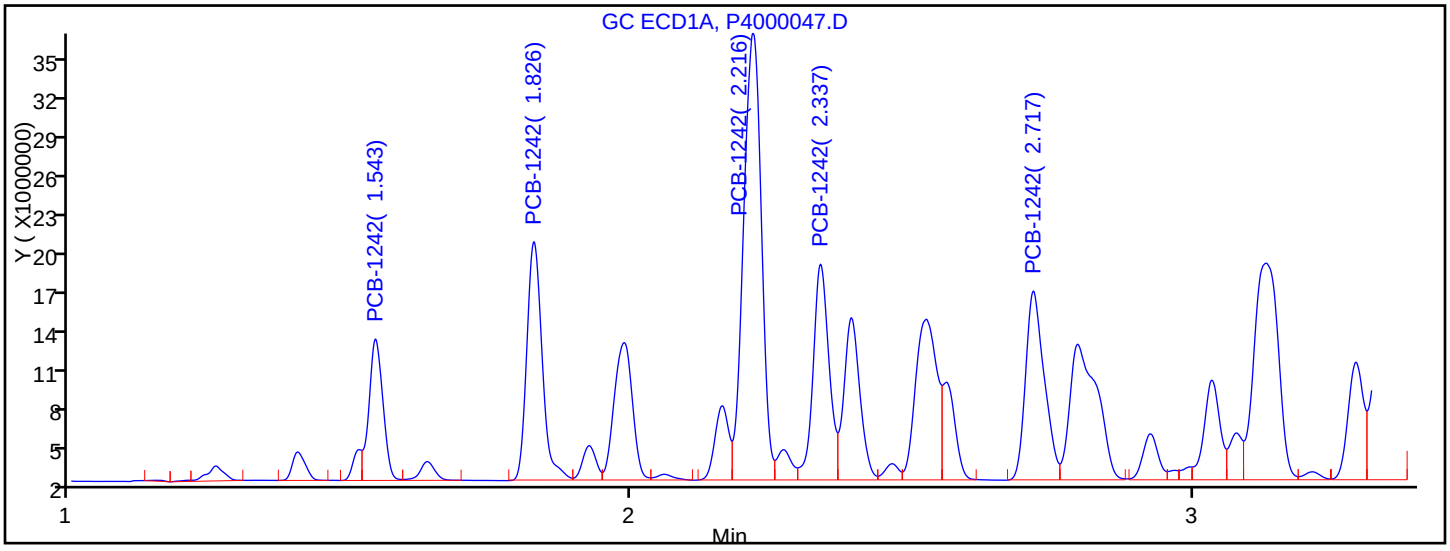
Injection Date:	04-Dec-2012 20:05:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.543	Response = 18795971	
RT = 1.826	Response = 34679928	M
RT = 2.216	Response = 73766424	M
RT = 2.337	Response = 30090112	M
RT = 2.717	Response = 32144289	M



Manual Integration Results

RT = 1.543	Response = 18795971	
RT = 1.826	Response = 34920123	M
RT = 2.216	Response = 76335758	M
RT = 2.337	Response = 32728104	M
RT = 2.717	Response = 33686829	M

Reviewer: hassl, 05-Dec-2012 06:28:48

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/47 Calibration Date: 12/04/2012 20:05

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 10:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 11:25

Lab File ID: P4000047.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	13263537	12475102		0.941	1.00	-5.9	20.0
PCB-1242 Peak 2	Ave	26320242	25209623		0.958	1.00	-4.2	20.0
PCB-1242 Peak 3	Ave	51395974	53283589		1.04	1.00	3.7	20.0
PCB-1242 Peak 4	Ave	22420283	22464807		1.00	1.00	0.2	20.0
PCB-1242 Peak 5	Lin1		18507574		1.16	1.00	16.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/47 Calibration Date: 12/04/2012 20:05

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 10:07

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 11:25

Lab File ID: P4000047.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.14	2.03	2.23
PCB-1242 Peak 2	2.53	2.43	2.63
PCB-1242 Peak 3	2.98	2.88	3.08
PCB-1242 Peak 4	3.12	3.02	3.22
PCB-1242 Peak 5	3.61	3.50	3.70

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000047.D
Lims ID: ICV 1242 Client ID:
Inject. Date: 04-Dec-2012 20:05:39 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015497-047
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 47
Lims Batch ID: 67207 Lims Sample ID: 47
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

First Level Reviewer: hassl Date: 05-Dec-2012 06:26:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.543	1.544	-0.001	18795971	0.9544		100.0	
1	2	1.826	1.827	-0.001	34920123	0.9614	161.9- 211.9	185.8	M
1	3	2.216	2.219	-0.003	76335758	1.03	349.2- 399.2	406.1	M
1	4	2.337	2.339	-0.002	32728104	0.99	143.3- 193.3	174.1	M
1	5	2.717	2.719	-0.002	33686829	1.02	141.6- 191.6	179.2	M
			Average of Peak Amounts =			0.99			
2	6	2.137	2.134	0.003	12475102	0.9406		100.0	
2	7	2.532	2.529	0.003	25209623	0.9578	170.9- 230.9	202.1	
2	8	2.983	2.980	0.003	53283589	1.04	354.9- 414.9	427.1	
2	9	3.121	3.119	0.002	22464807	1.00	140.5- 200.5	180.1	
2	10	3.605	3.602	0.003	18507574	1.16	115.3- 175.3	148.4	
			Average of Peak Amounts =			1.02			
						RPD = 2.94			

QC Flag Legend

Review Flags
M - Manually Integrated

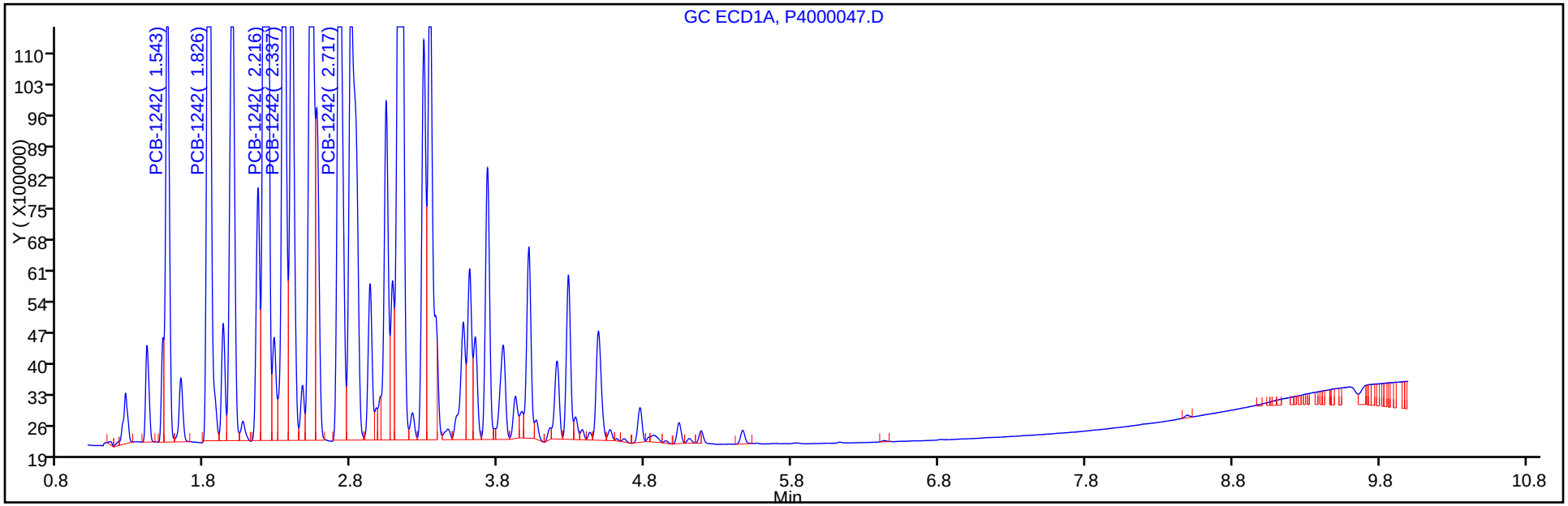
Report Date: 05-Dec-2012 06:33:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

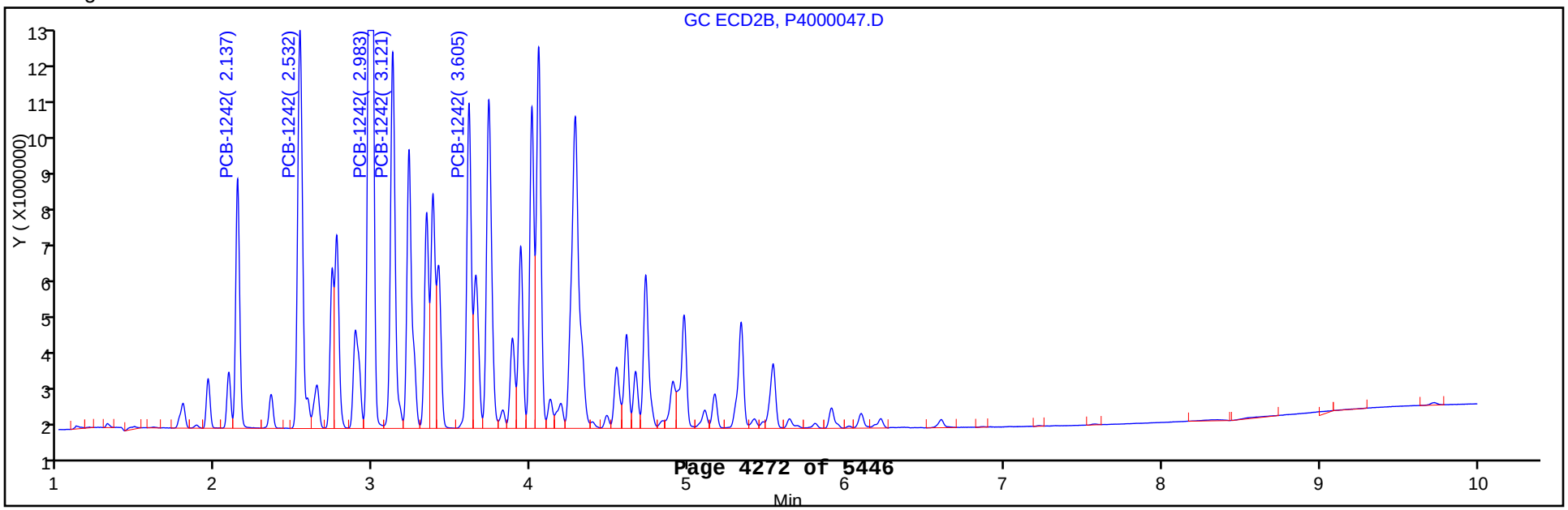
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Injection Date:	04-Dec-2012 20:05:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/48 Calibration Date: 12/04/2012 20:21

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 11:41

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 13:00

Lab File ID: P4000048.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	17933431	19963431		1.11	1.00	11.3	20.0
PCB-1248 Peak 2	Ave	46299417	53917675		1.16	1.00	16.5	20.0
PCB-1248 Peak 3	Ave	53701145	55027556		1.02	1.00	2.5	20.0
PCB-1248 Peak 4	Ave	30185230	31153350		1.03	1.00	3.2	20.0
PCB-1248 Peak 5	Ave	26162280	27402439		1.05	1.00	4.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/48 Calibration Date: 12/04/2012 20:21

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 11:41

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 13:00

Lab File ID: P4000048.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	1.82	1.72	1.92
PCB-1248 Peak 2	2.21	2.11	2.31
PCB-1248 Peak 3	2.72	2.61	2.81
PCB-1248 Peak 4	3.29	3.19	3.39
PCB-1248 Peak 5	3.72	3.62	3.82

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000048.D
Lims ID: ICV 1248 Client ID:
Inject. Date: 04-Dec-2012 20:21:20 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015497-048
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 67207 Lims Sample ID: 48
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.824	1.824	0.000	19963431	1.11		100.0	
1	2	2.214	2.212	0.002	53917675	1.16	218.6- 268.6	270.1	
1	3	2.715	2.714	0.001	55027556	1.02	271.2- 321.2	275.6	
1	4	3.291	3.291	0.000	31153350	1.03	139.9- 189.9	156.1	
1	5	3.724	3.724	0.000	27402439	1.05	120.7- 170.7	137.3	
			Average of Peak Amounts =			1.08			
2	6	2.531	2.531	0.000	14200196	1.09		100.0	
2	7	2.981	2.981	0.000	37891084	1.11	227.5- 287.5	266.8	
2	8	3.730	3.730	0.000	33790270	1.00	223.8- 283.8	238.0	
2	9	4.004	4.003	0.001	33938769	1.03	218.9- 278.9	239.0	
2	10	4.727	4.726	0.001	21350271	1.04	126.8- 186.8	150.4	
			Average of Peak Amounts =			1.05			
						RPD = 2.09			

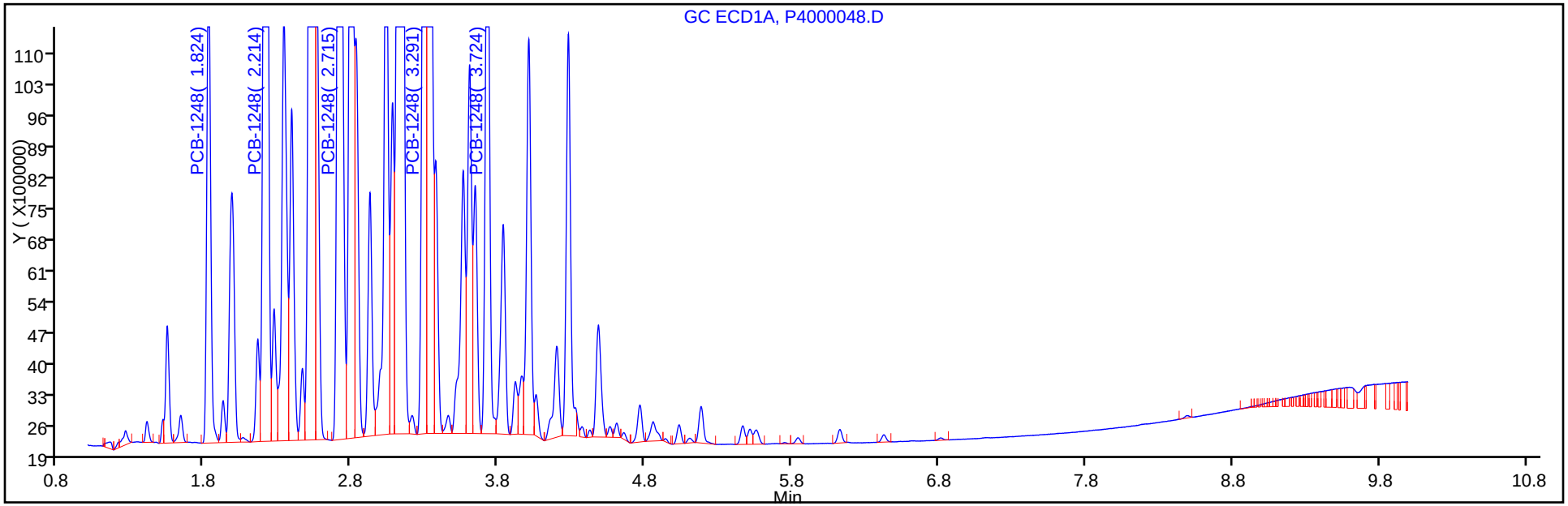
Report Date: 05-Dec-2012 06:33:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

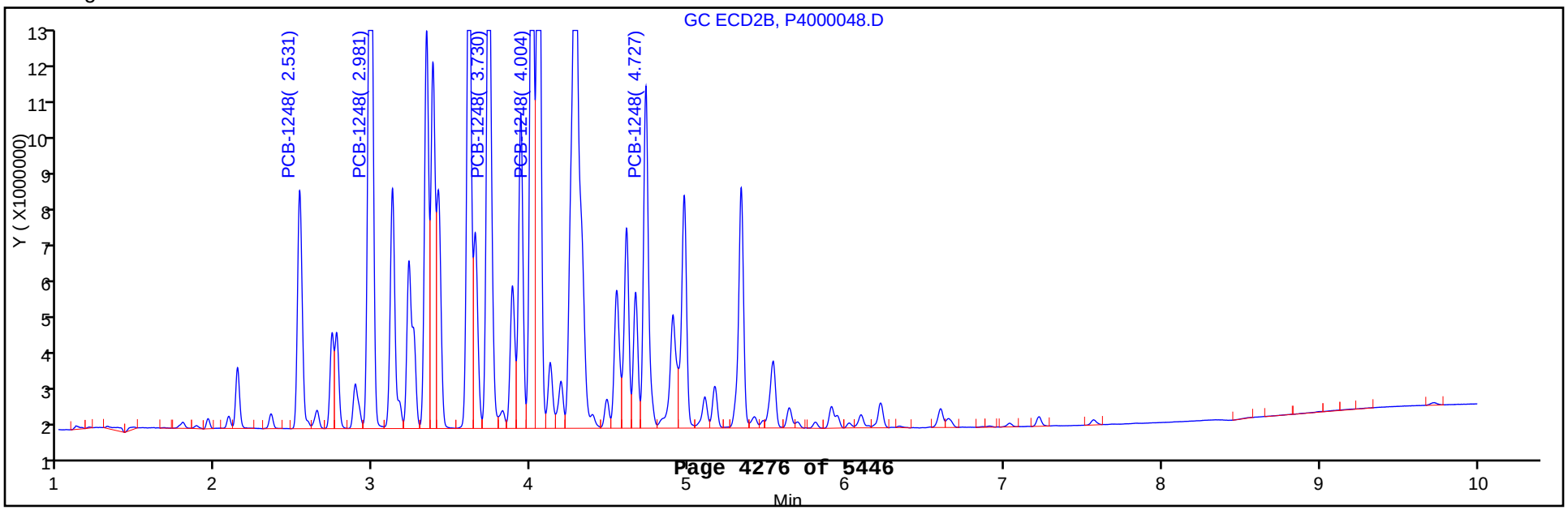
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000048.D

Injection Date:	04-Dec-2012 20:21:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	48
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/48 Calibration Date: 12/04/2012 20:21

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 11:41

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 13:00

Lab File ID: P4000048.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	13001997	14200196		1.09	1.00	9.2	20.0
PCB-1248 Peak 2	Ave	34273598	37891084		1.11	1.00	10.6	20.0
PCB-1248 Peak 3	Ave	33671841	33790270		1.00	1.00	0.4	20.0
PCB-1248 Peak 4	Ave	33002432	33938769		1.03	1.00	2.8	20.0
PCB-1248 Peak 5	Ave	20505619	21350271		1.04	1.00	4.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/48 Calibration Date: 12/04/2012 20:21

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 11:41

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 13:00

Lab File ID: P4000048.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.53	2.43	2.63
PCB-1248 Peak 2	2.98	2.88	3.08
PCB-1248 Peak 3	3.73	3.63	3.83
PCB-1248 Peak 4	4.00	3.90	4.10
PCB-1248 Peak 5	4.73	4.63	4.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000048.D
Lims ID: ICV 1248 Client ID:
Inject. Date: 04-Dec-2012 20:21:20 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015497-048
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 67207 Lims Sample ID: 48
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.824	1.824	0.000	19963431	1.11		100.0	
1	2	2.214	2.212	0.002	53917675	1.16	218.6- 268.6	270.1	
1	3	2.715	2.714	0.001	55027556	1.02	271.2- 321.2	275.6	
1	4	3.291	3.291	0.000	31153350	1.03	139.9- 189.9	156.1	
1	5	3.724	3.724	0.000	27402439	1.05	120.7- 170.7	137.3	
			Average of Peak Amounts =			1.08			
2	6	2.531	2.531	0.000	14200196	1.09		100.0	
2	7	2.981	2.981	0.000	37891084	1.11	227.5- 287.5	266.8	
2	8	3.730	3.730	0.000	33790270	1.00	223.8- 283.8	238.0	
2	9	4.004	4.003	0.001	33938769	1.03	218.9- 278.9	239.0	
2	10	4.727	4.726	0.001	21350271	1.04	126.8- 186.8	150.4	
			Average of Peak Amounts =			1.05			
						RPD = 2.09			

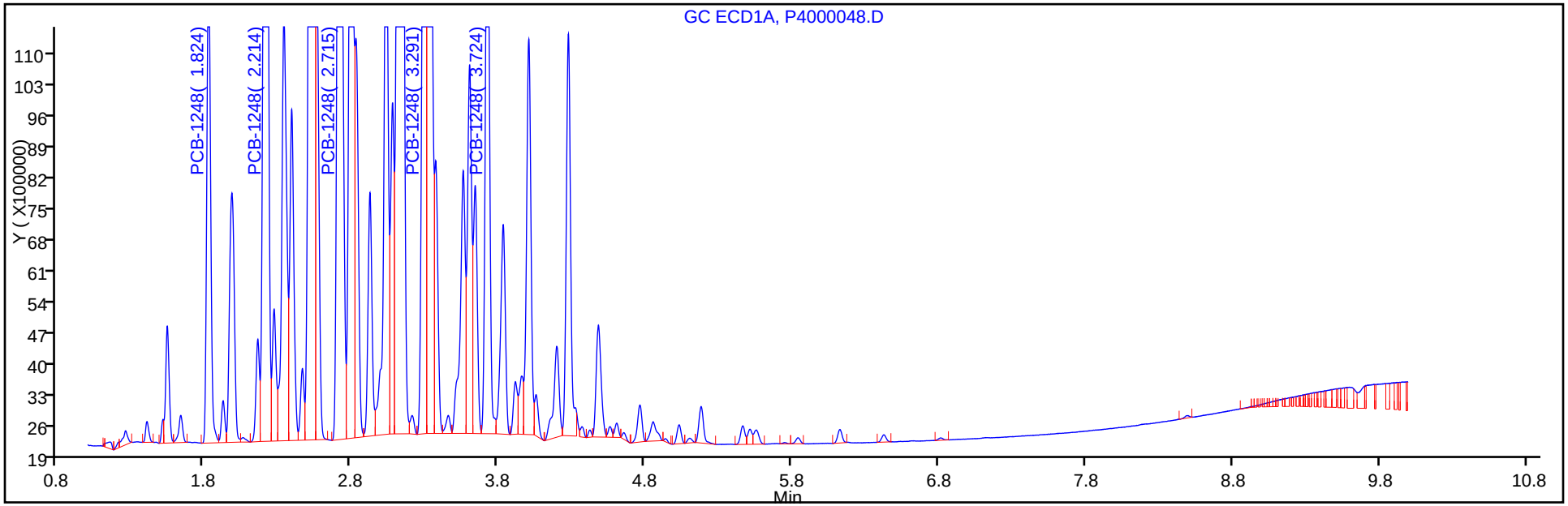
Report Date: 05-Dec-2012 06:33:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

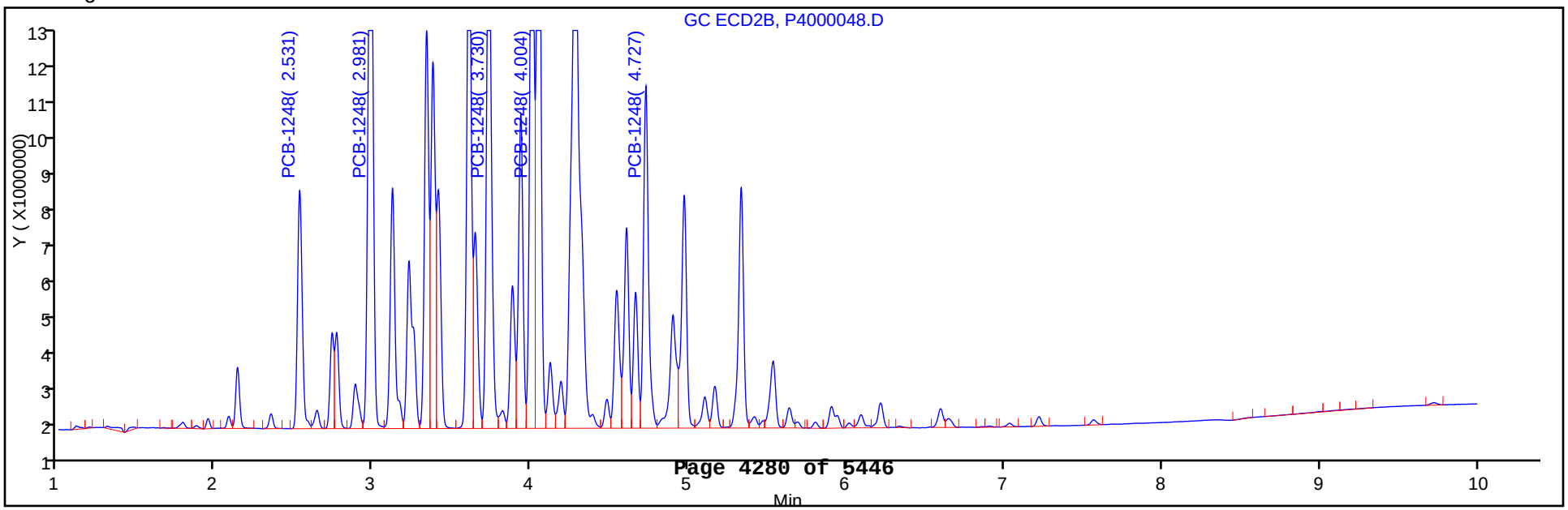
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000048.D

Injection Date:	04-Dec-2012 20:21:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	48
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/49 Calibration Date: 12/04/2012 20:37

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 13:16

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 14:34

Lab File ID: P4000049.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	40594815	44535293		1.10	1.00	9.7	20.0
PCB-1254 Peak 2	Ave	77269594	89072445		1.15	1.00	15.3	20.0
PCB-1254 Peak 3	Ave	60648715	73074335		1.20	1.00	20.5*	20.0
PCB-1254 Peak 4	Ave	52385516	61521418		1.17	1.00	17.4	20.0
PCB-1254 Peak 5	Ave	79692019	96889542		1.22	1.00	21.6*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/49 Calibration Date: 12/04/2012 20:37

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 13:16

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 14:34

Lab File ID: P4000049.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	3.08	2.98	3.18
PCB-1254 Peak 2	3.72	3.63	3.83
PCB-1254 Peak 3	4.01	3.91	4.11
PCB-1254 Peak 4	4.20	4.10	4.30
PCB-1254 Peak 5	4.48	4.38	4.58

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000049.D
Lims ID: ICV 1254 Client ID:
Inject. Date: 04-Dec-2012 20:37:11 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015497-049
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 49
Lims Batch ID: 67207 Lims Sample ID: 49
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

First Level Reviewer: hassl Date: 05-Dec-2012 06:26:39

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 PCB-1254									M
1	100	3.078	3.079	-0.001	44535293	1.10		100.0	M
1	2	3.724	3.726	-0.002	89072445	1.15	163.6- 213.6	200.0	M
1	3	4.005	4.007	-0.002	73074335	1.20	127.7- 177.7	164.1	M
1	4	4.197	4.198	-0.001	61521418	1.17	104.8- 154.8	138.1	M
1	5	4.479	4.481	-0.002	96889542	1.22	169.3- 219.3	217.6	
			Average of Peak Amounts =			1.17			
2	6	4.249	4.251	-0.002	42365188	1.11		100.0	
2	7	4.726	4.726	0.000	67687379	1.14	126.1- 186.1	159.8	
2	8	4.969	4.970	-0.001	49250562	1.16	82.5- 142.5	116.3	
2	9	5.329	5.331	-0.002	55313972	1.15	94.9- 154.9	130.6	
2	10	5.533	5.535	-0.002	69678852	1.22	120.0- 180.0	164.5	
			Average of Peak Amounts =			1.15			
						RPD = 1.30			

QC Flag Legend

Review Flags
M - Manually Integrated

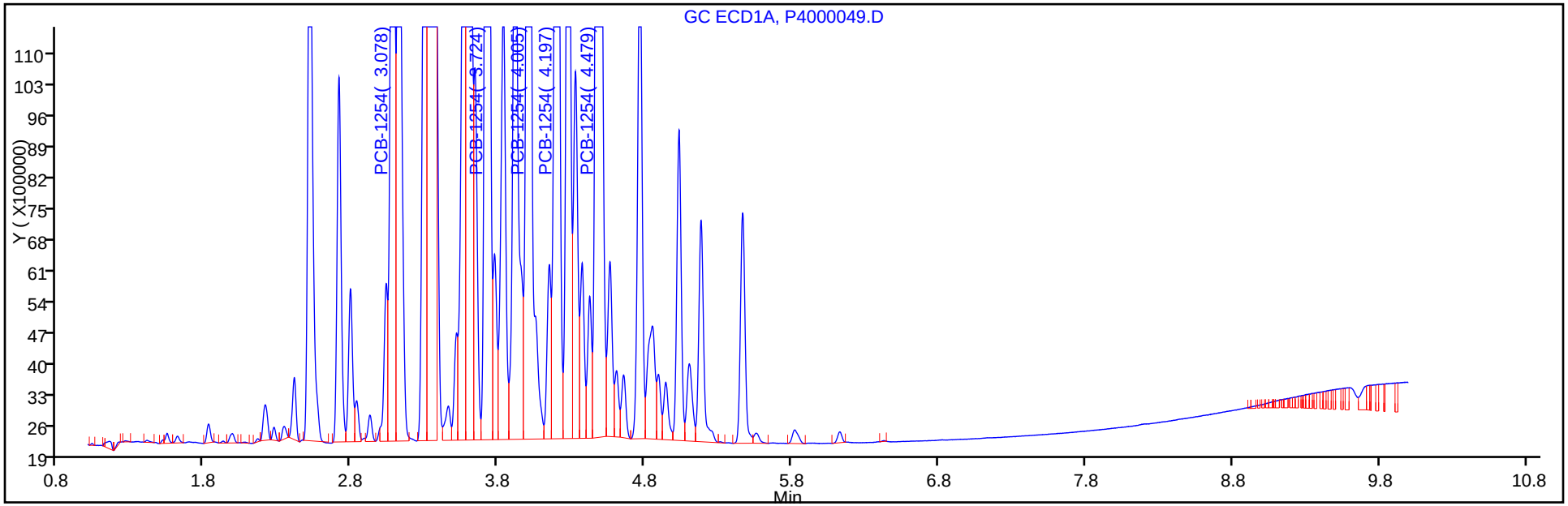
Report Date: 05-Dec-2012 06:33:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

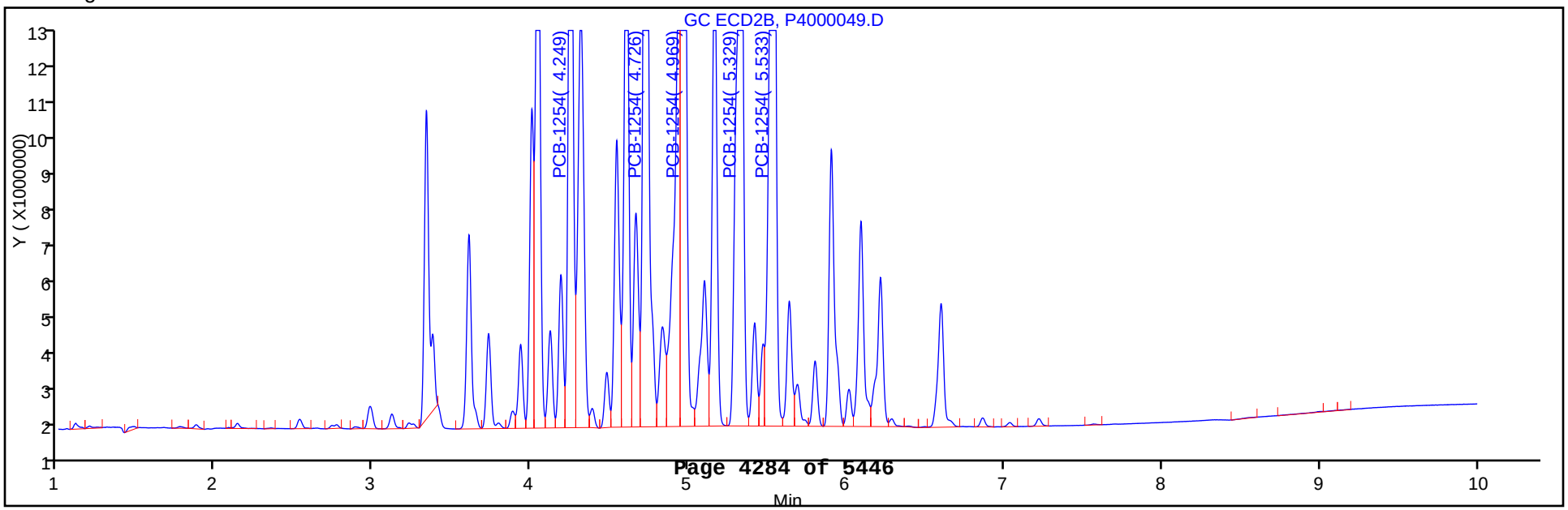
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Injection Date:	04-Dec-2012 20:37:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



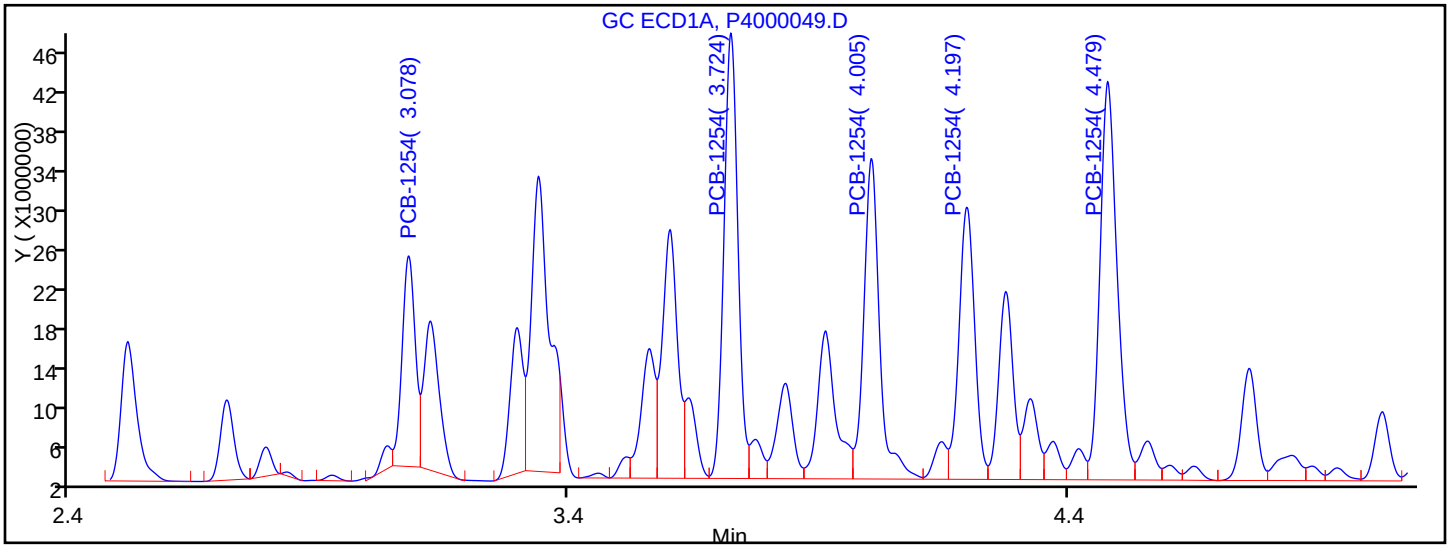
Report Date: 05-Dec-2012 06:33:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000049.D

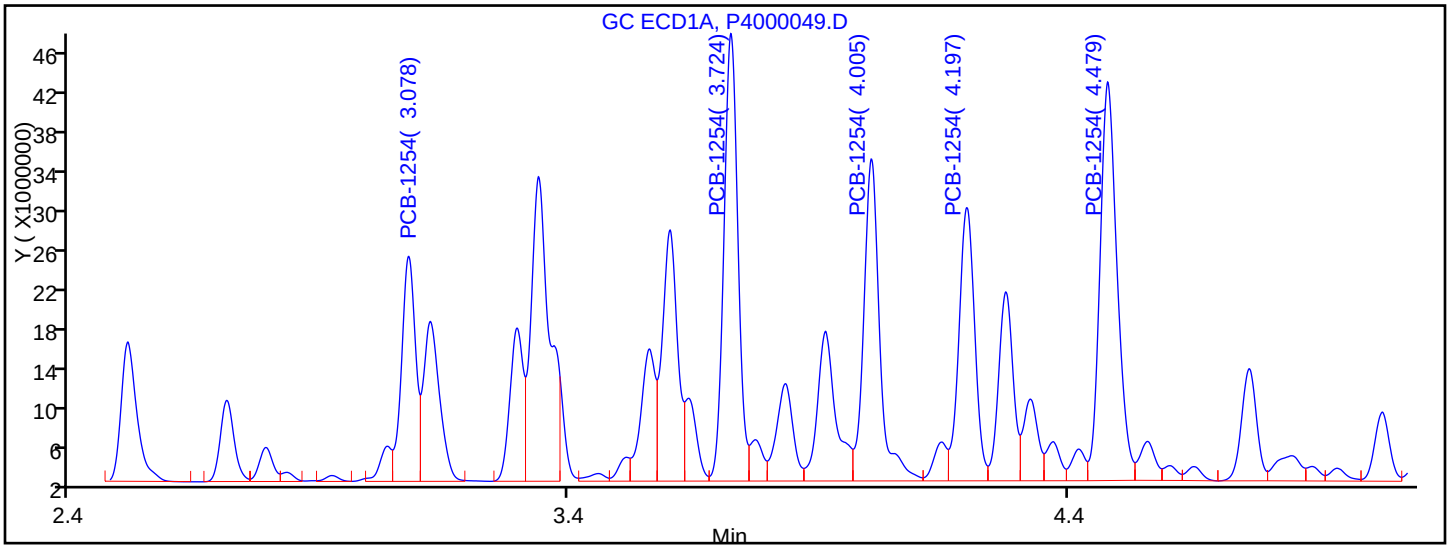
Injection Date:	04-Dec-2012 20:37:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 PCB-1254, Detector: 1, GC ECD1A



Processing Integration Results

RT = 3.078	Response = 39558619	M
RT = 3.724	Response = 87970233	M
RT = 4.005	Response = 71771404	M
RT = 4.197	Response = 60969798	M
RT = 4.479	Response = 96889542	



Manual Integration Results

RT = 3.078	Response = 44535293	M
RT = 3.724	Response = 89072445	M
RT = 4.005	Response = 73074335	M
RT = 4.197	Response = 61521418	M
RT = 4.479	Response = 96889542	

Reviewer: hassl, 05-Dec-2012 06:28:32

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/49 Calibration Date: 12/04/2012 20:37

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 13:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 14:34

Lab File ID: P4000049.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	38287706	42365188		1.11	1.00	10.6	20.0
PCB-1254 Peak 2	Ave	59604282	67687379		1.14	1.00	13.6	20.0
PCB-1254 Peak 3	Ave	42447140	49250562		1.16	1.00	16.0	20.0
PCB-1254 Peak 4	Ave	48116113	55313972		1.15	1.00	15.0	20.0
PCB-1254 Peak 5	Ave	57236022	69678852		1.22	1.00	21.7*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/49 Calibration Date: 12/04/2012 20:37

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 13:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 14:34

Lab File ID: P4000049.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	4.25	4.15	4.35
PCB-1254 Peak 2	4.73	4.63	4.83
PCB-1254 Peak 3	4.97	4.87	5.07
PCB-1254 Peak 4	5.33	5.23	5.43
PCB-1254 Peak 5	5.53	5.44	5.64

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000049.D
Lims ID: ICV 1254 Client ID:
Inject. Date: 04-Dec-2012 20:37:11 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015497-049
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 49
Lims Batch ID: 67207 Lims Sample ID: 49
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

First Level Reviewer: hassl Date: 05-Dec-2012 06:26:39

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 PCB-1254									M
1	100	3.078	3.079	-0.001	44535293	1.10		100.0	M
1	2	3.724	3.726	-0.002	89072445	1.15	163.6- 213.6	200.0	M
1	3	4.005	4.007	-0.002	73074335	1.20	127.7- 177.7	164.1	M
1	4	4.197	4.198	-0.001	61521418	1.17	104.8- 154.8	138.1	M
1	5	4.479	4.481	-0.002	96889542	1.22	169.3- 219.3	217.6	
			Average of Peak Amounts =			1.17			
2	6	4.249	4.251	-0.002	42365188	1.11		100.0	
2	7	4.726	4.726	0.000	67687379	1.14	126.1- 186.1	159.8	
2	8	4.969	4.970	-0.001	49250562	1.16	82.5- 142.5	116.3	
2	9	5.329	5.331	-0.002	55313972	1.15	94.9- 154.9	130.6	
2	10	5.533	5.535	-0.002	69678852	1.22	120.0- 180.0	164.5	
			Average of Peak Amounts =			1.15			
						RPD = 1.30			

QC Flag Legend

Review Flags
M - Manually Integrated

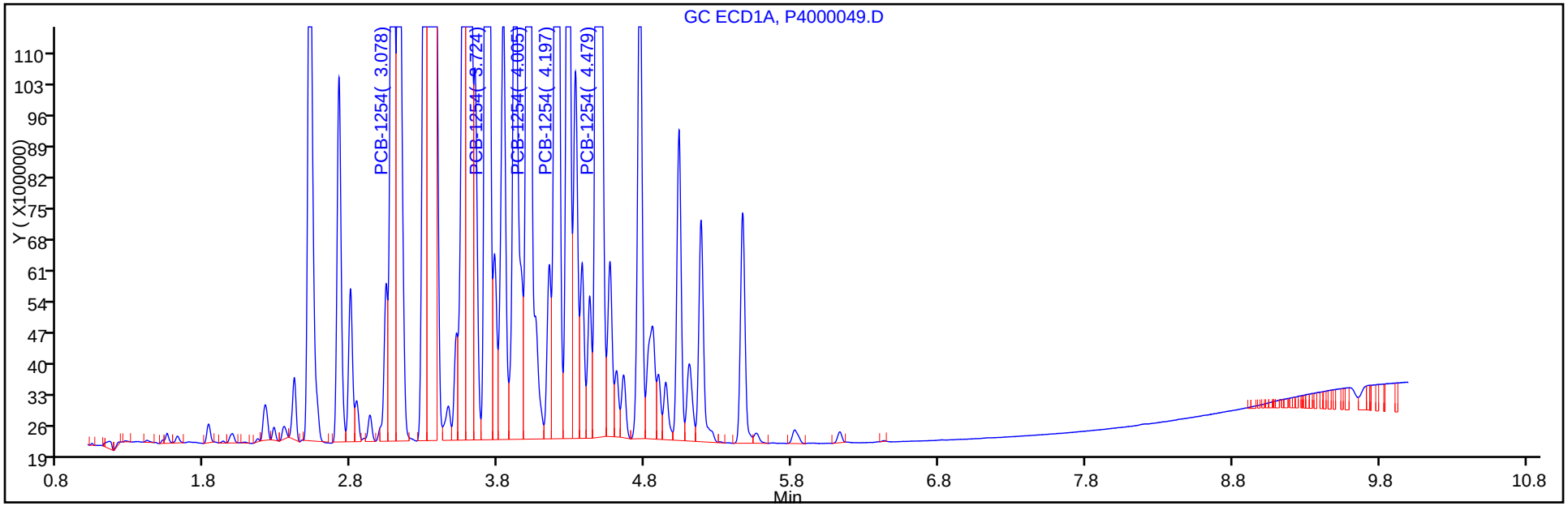
Report Date: 05-Dec-2012 06:33:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

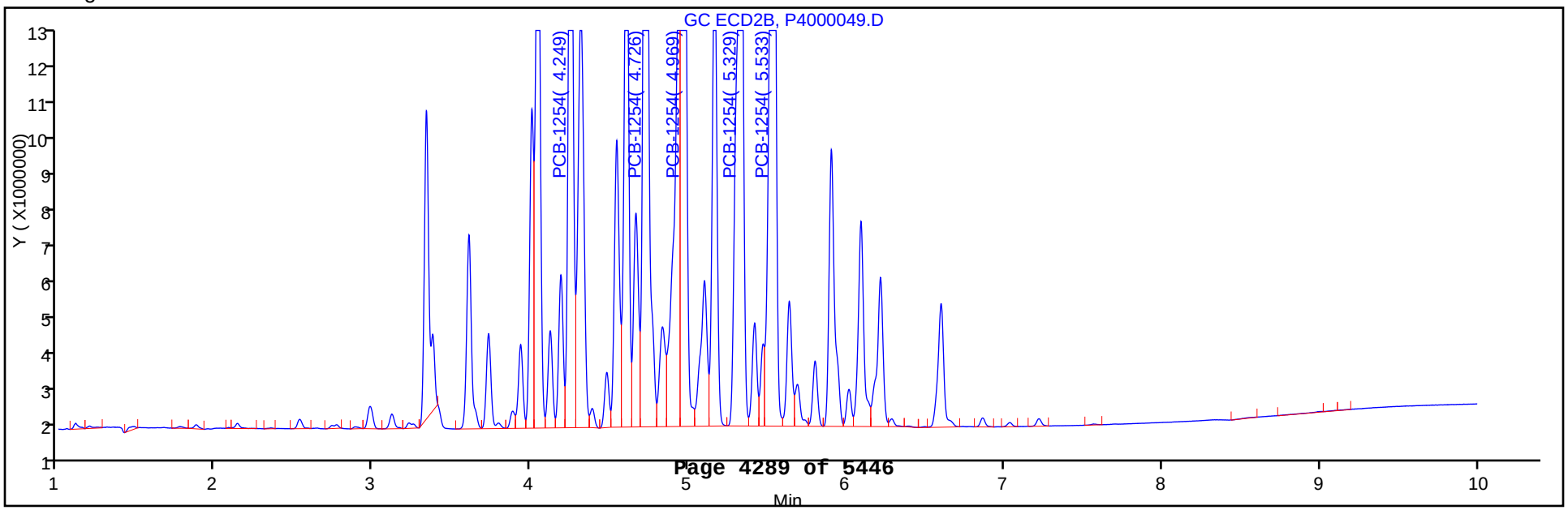
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000049.D

Injection Date:	04-Dec-2012 20:37:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/50 Calibration Date: 12/04/2012 20:52

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	24702533	24195459		0.979	1.00	-2.1	20.0
PCB-1016 Peak 2	Ave	44151983	45983716		1.04	1.00	4.1	20.0
PCB-1016 Peak 3	Ave	91223581	100953314		1.11	1.00	10.7	20.0
PCB-1016 Peak 4	Ave	40436349	43150145		1.07	1.00	6.7	20.0
PCB-1016 Peak 5	Ave	40503627	42968222		1.06	1.00	6.1	20.0
PCB-1260 Peak 1	Ave	59343359	62062369		1.05	1.00	4.6	20.0
PCB-1260 Peak 2	Ave	107397135	113184910		1.05	1.00	5.4	20.0
PCB-1260 Peak 3	Ave	110273317	108069085		0.980	1.00	-2.0	20.0
PCB-1260 Peak 4	Ave	124594955	157879816		1.27	1.00	26.7*	20.0
PCB-1260 Peak 5	Ave	66509184	77513577		1.17	1.00	16.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/50 Calibration Date: 12/04/2012 20:52

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000050.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.54	1.44	1.64
PCB-1016 Peak 2	1.82	1.72	1.92
PCB-1016 Peak 3	2.22	2.12	2.32
PCB-1016 Peak 4	2.34	2.24	2.44
PCB-1016 Peak 5	2.72	2.62	2.82
PCB-1260 Peak 1	3.91	3.81	4.01
PCB-1260 Peak 2	4.20	4.10	4.30
PCB-1260 Peak 3	4.48	4.38	4.58
PCB-1260 Peak 4	5.18	5.08	5.28
PCB-1260 Peak 5	5.46	5.36	5.56

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000050.D
Lims ID: ICV 1660 Client ID:
Inject. Date: 04-Dec-2012 20:52:53 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015497-050
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 67207 Lims Sample ID: 50
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

First Level Reviewer: hassl Date: 05-Dec-2012 06:28:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									M
1	100	1.541	1.541	0.000	24195459	0.9795		100.0	
1	2	1.824	1.824	0.000	45983716	1.04	152.4- 202.4	190.1	
1	3	2.215	2.216	-0.001	100953314	1.11	334.6- 384.6	417.2	
1	4	2.335	2.336	-0.001	43150145	1.07	125.4- 195.4	178.3	
1	5	2.715	2.716	-0.001	42968222	1.06	136.2- 186.2	177.6	
			Average of Peak Amounts =			1.05			
2	6	2.135	2.136	-0.001	16431781	1.04		100.0	
2	7	2.531	2.531	0.000	33301556	1.06	169.0- 229.0	202.7	M
2	8	2.981	2.981	0.000	70862635	1.12	361.2- 421.2	431.3	M
2	9	3.120	3.120	0.000	29789267	1.08	144.4- 204.4	181.3	M
2	10	3.223	3.223	0.000	23881527	1.09	108.9- 168.9	145.3	M
			Average of Peak Amounts =			1.08			
						RPD = 2.57			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.914	-0.001	62062369	1.05		100.0	
1	2	4.200	4.199	0.001	113184910	1.05	156.3- 206.3	182.4	
1	3	4.479	4.479	0.000	108069085	0.9800	159.6- 209.6	174.1	
1	4	5.180	5.181	-0.001	157879816	1.27	183.4- 233.4	254.4	
1	5	5.464	5.464	0.000	77513577	1.17	87.0- 137.0	124.9	
			Average of Peak Amounts =			1.10			
2	6	4.933	4.933	0.000	45970322	1.01		100.0	
2	7	5.163	5.162	0.001	56399266	1.03	86.9- 146.9	122.7	
2	8	5.530	5.530	0.000	79246906	0.9827	145.2- 205.2	172.4	
2	9	6.216	6.216	0.000	123025715	1.27	177.4- 237.4	267.6	
2	10	6.597	6.598	-0.001	86384566	1.20	125.7- 185.7	187.9	
			Average of Peak Amounts =			1.10			
						RPD = 0.23			

QC Flag Legend

Review Flags
M - Manually Integrated

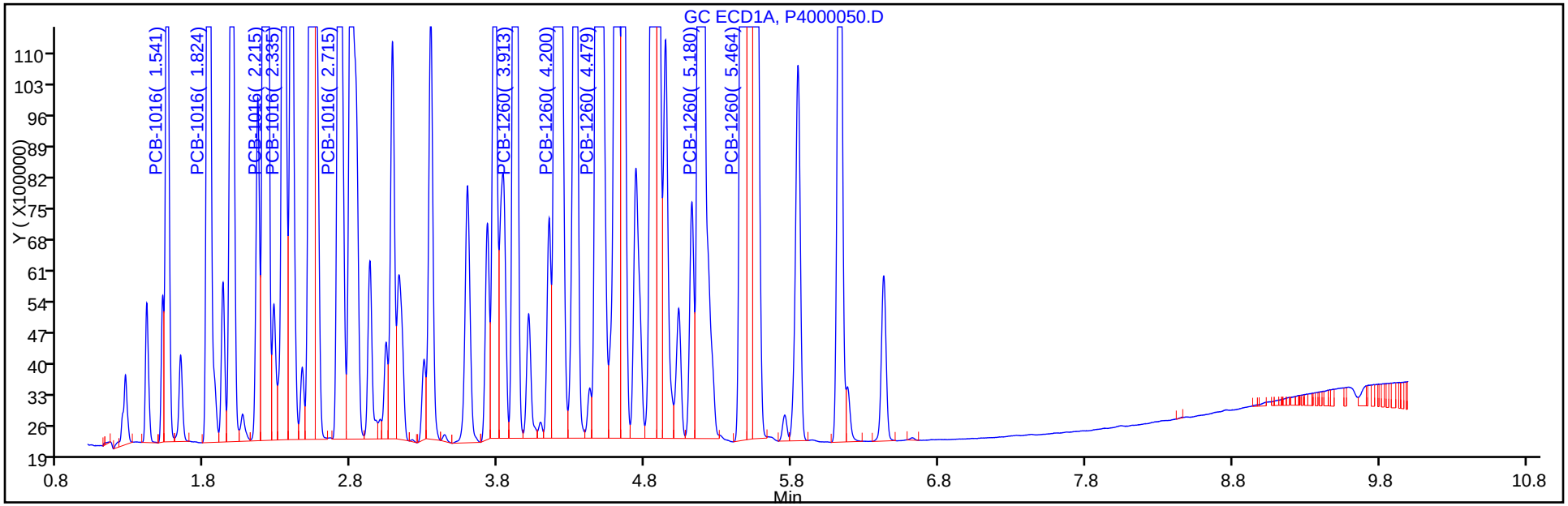
Report Date: 05-Dec-2012 06:33:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

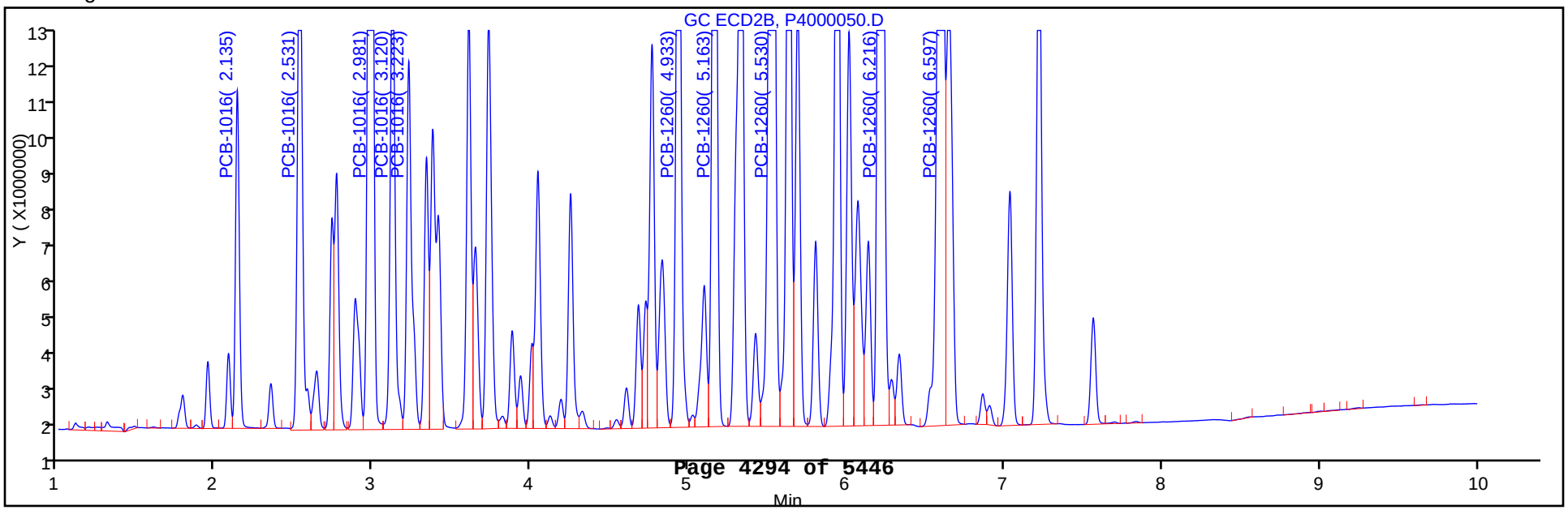
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000050.D

Injection Date:	04-Dec-2012 20:52:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/50 Calibration Date: 12/04/2012 20:52

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	15807169	16431781		1.04	1.00	4.0	20.0
PCB-1016 Peak 2	Ave	31440012	33301556		1.06	1.00	5.9	20.0
PCB-1016 Peak 3	Ave	63200288	70862635		1.12	1.00	12.1	20.0
PCB-1016 Peak 4	Ave	27607491	29789267		1.08	1.00	7.9	20.0
PCB-1016 Peak 5	Ave	21845224	23881527		1.09	1.00	9.3	20.0
PCB-1260 Peak 1	Ave	45527908	45970322		1.01	1.00	1.0	20.0
PCB-1260 Peak 2	Ave	54580002	56399266		1.03	1.00	3.3	20.0
PCB-1260 Peak 3	Ave	80645277	79246906		0.983	1.00	-1.7	20.0
PCB-1260 Peak 4	Ave	96793644	123025715		1.27	1.00	27.1*	20.0
PCB-1260 Peak 5	Ave	71805358	86384566		1.20	1.00	20.3*	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 240-67207/50 Calibration Date: 12/04/2012 20:52

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000050.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.04	2.24
PCB-1016 Peak 2	2.53	2.43	2.63
PCB-1016 Peak 3	2.98	2.88	3.08
PCB-1016 Peak 4	3.12	3.02	3.22
PCB-1016 Peak 5	3.22	3.12	3.32
PCB-1260 Peak 1	4.93	4.83	5.03
PCB-1260 Peak 2	5.16	5.06	5.26
PCB-1260 Peak 3	5.53	5.43	5.63
PCB-1260 Peak 4	6.22	6.12	6.32
PCB-1260 Peak 5	6.60	6.50	6.70

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000050.D
Lims ID: ICV 1660 Client ID:
Inject. Date: 04-Dec-2012 20:52:53 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015497-050
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 67207 Lims Sample ID: 50
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\PCB4.m
Last Update: 05-Dec-2012 06:33:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK010

First Level Reviewer: hassl Date: 05-Dec-2012 06:28:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									M
1	100	1.541	1.541	0.000	24195459	0.9795		100.0	
1	2	1.824	1.824	0.000	45983716	1.04	152.4- 202.4	190.1	
1	3	2.215	2.216	-0.001	100953314	1.11	334.6- 384.6	417.2	
1	4	2.335	2.336	-0.001	43150145	1.07	125.4- 195.4	178.3	
1	5	2.715	2.716	-0.001	42968222	1.06	136.2- 186.2	177.6	
			Average of Peak Amounts =			1.05			
2	6	2.135	2.136	-0.001	16431781	1.04		100.0	
2	7	2.531	2.531	0.000	33301556	1.06	169.0- 229.0	202.7	M
2	8	2.981	2.981	0.000	70862635	1.12	361.2- 421.2	431.3	M
2	9	3.120	3.120	0.000	29789267	1.08	144.4- 204.4	181.3	M
2	10	3.223	3.223	0.000	23881527	1.09	108.9- 168.9	145.3	M
			Average of Peak Amounts =			1.08			
						RPD = 2.57			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.914	-0.001	62062369	1.05		100.0	
1	2	4.200	4.199	0.001	113184910	1.05	156.3- 206.3	182.4	
1	3	4.479	4.479	0.000	108069085	0.9800	159.6- 209.6	174.1	
1	4	5.180	5.181	-0.001	157879816	1.27	183.4- 233.4	254.4	
1	5	5.464	5.464	0.000	77513577	1.17	87.0- 137.0	124.9	
			Average of Peak Amounts =			1.10			
2	6	4.933	4.933	0.000	45970322	1.01		100.0	
2	7	5.163	5.162	0.001	56399266	1.03	86.9- 146.9	122.7	
2	8	5.530	5.530	0.000	79246906	0.9827	145.2- 205.2	172.4	
2	9	6.216	6.216	0.000	123025715	1.27	177.4- 237.4	267.6	
2	10	6.597	6.598	-0.001	86384566	1.20	125.7- 185.7	187.9	
			Average of Peak Amounts =			1.10			
						RPD = 0.23			

QC Flag Legend

Review Flags
M - Manually Integrated

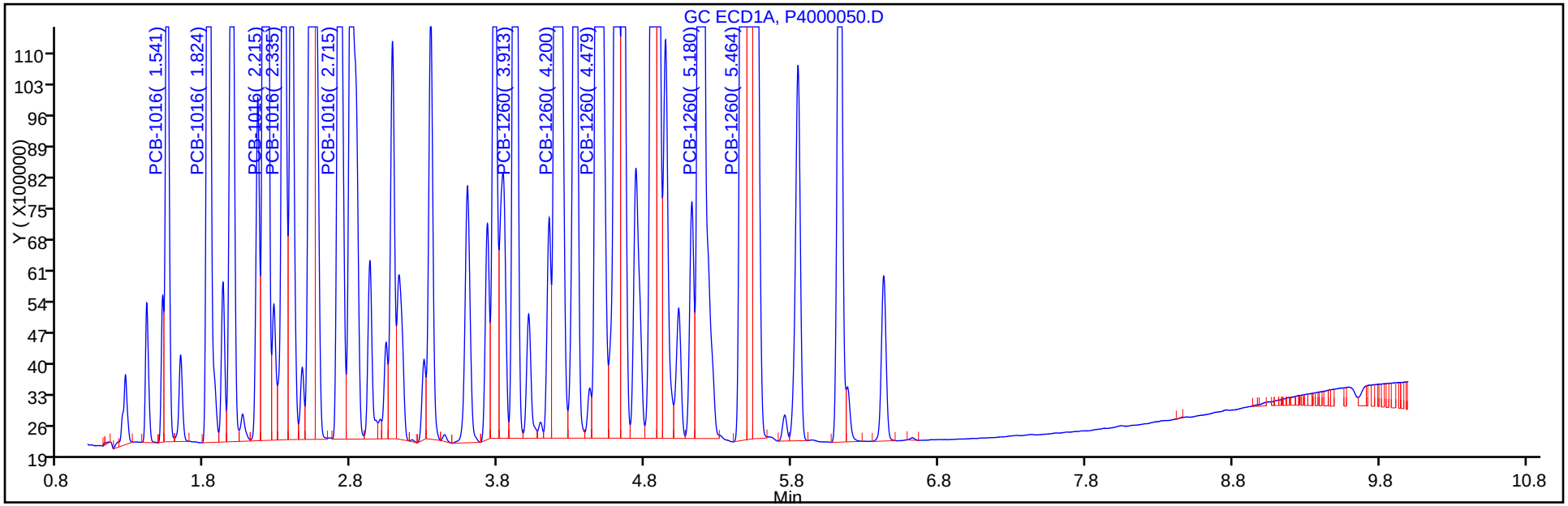
Report Date: 05-Dec-2012 06:33:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

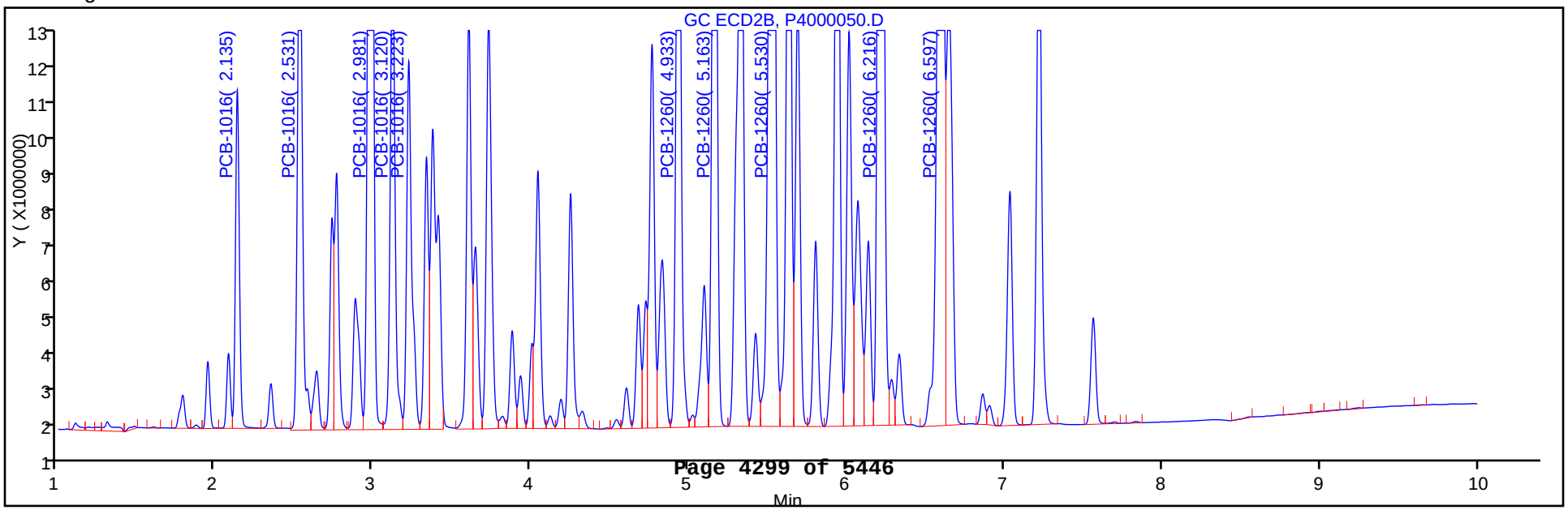
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Injection Date:	04-Dec-2012 20:52:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



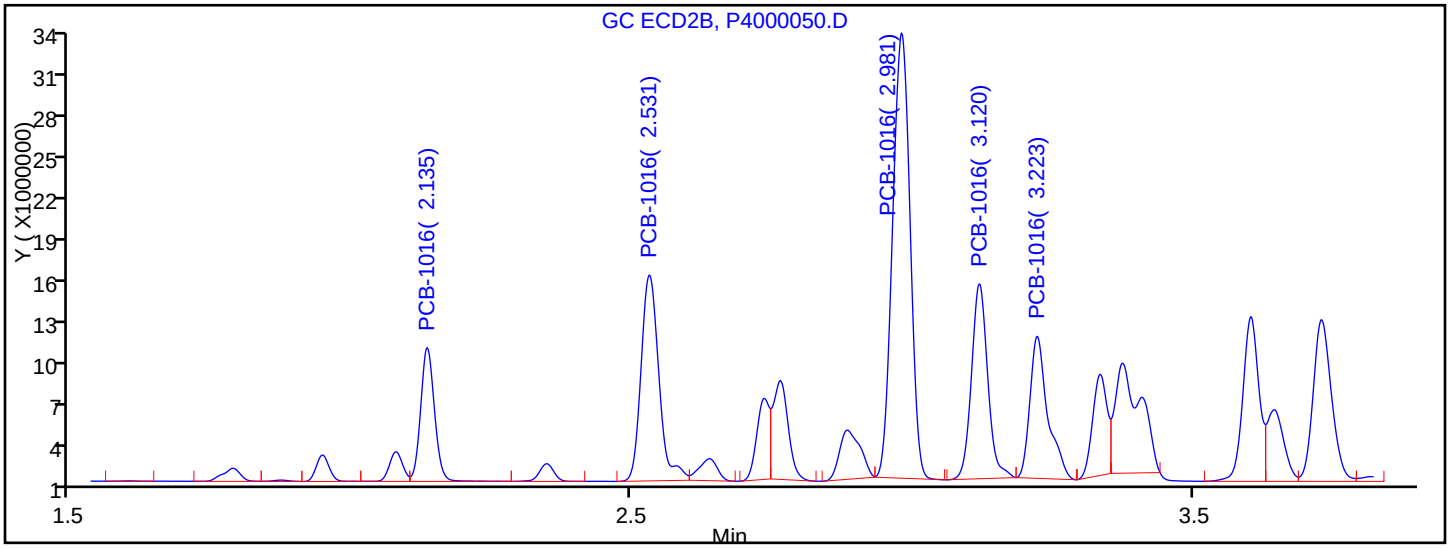
Report Date: 05-Dec-2012 06:33:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000050.D

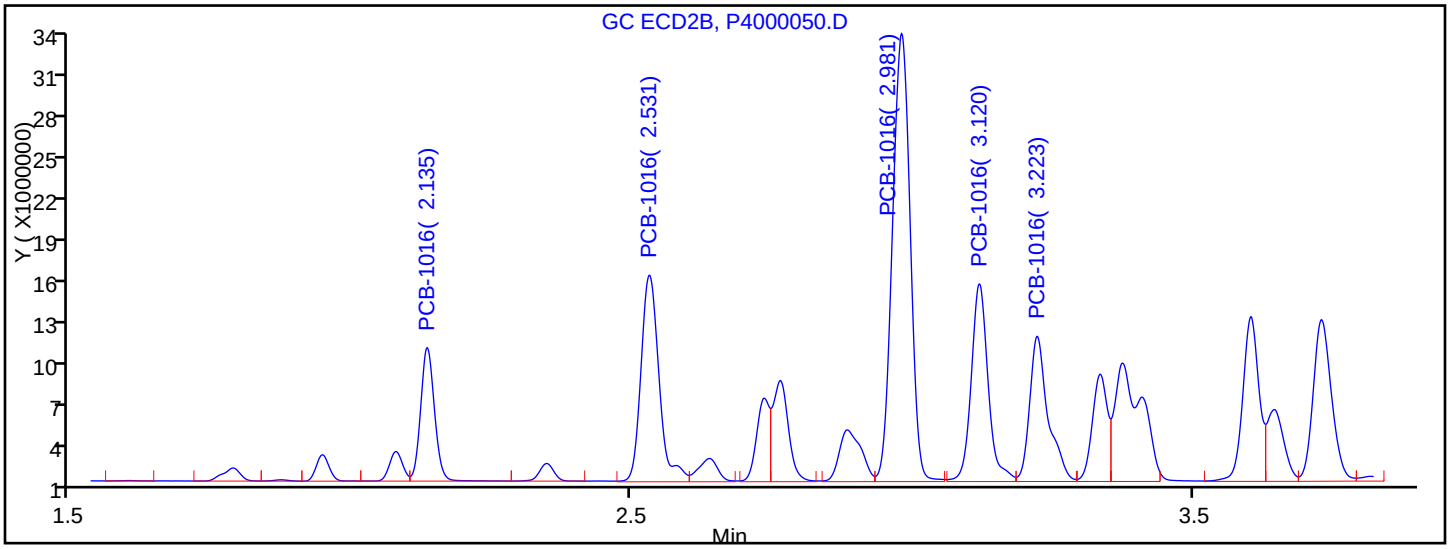
Injection Date:	04-Dec-2012 20:52:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 2, GC ecd2b



Processing Integration Results

RT = 2.135	Response = 16431781	
RT = 2.531	Response = 32618265	M
RT = 2.981	Response = 69057477	M
RT = 3.120	Response = 28124023	M
RT = 3.223	Response = 22442864	M



Manual Integration Results

RT = 2.135	Response = 16431781	
RT = 2.531	Response = 33301556	M
RT = 2.981	Response = 70862635	M
RT = 3.120	Response = 29789267	M
RT = 3.223	Response = 23881527	M

Reviewer: hassl, 05-Dec-2012 06:28:11

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68676/3 Calibration Date: 12/14/2012 03:56

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	24702533	22044292		0.446	0.500	-10.8	20.0
PCB-1016 Peak 2	Ave	44151983	39512734		0.447	0.500	-10.5	20.0
PCB-1016 Peak 3	Ave	91223581	83583040		0.458	0.500	-8.4	20.0
PCB-1016 Peak 4	Ave	40436349	36292356		0.449	0.500	-10.2	20.0
PCB-1016 Peak 5	Ave	40503627	36233584		0.447	0.500	-10.5	20.0
PCB-1260 Peak 1	Ave	59343359	53118284		0.448	0.500	-10.5	20.0
PCB-1260 Peak 2	Ave	107397135	96742426		0.450	0.500	-9.9	20.0
PCB-1260 Peak 3	Ave	110273317	99266238		0.450	0.500	-10.0	20.0
PCB-1260 Peak 4	Ave	124594955	114482240		0.459	0.500	-8.1	20.0
PCB-1260 Peak 5	Ave	66509184	59345532		0.446	0.500	-10.8	20.0
Tetrachloro-m-xylene	Ave	1393525317	1307129880		0.0235	0.0250	-6.2	20.0
DCB Decachlorobiphenyl	Ave	1299788350	1169483320		0.0225	0.0250	-10.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68676/3 Calibration Date: 12/14/2012 03:56

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.54	1.44	1.64
PCB-1016 Peak 2	1.82	1.72	1.92
PCB-1016 Peak 3	2.21	2.11	2.31
PCB-1016 Peak 4	2.33	2.23	2.43
PCB-1016 Peak 5	2.71	2.61	2.81
PCB-1260 Peak 1	3.91	3.81	4.01
PCB-1260 Peak 2	4.20	4.10	4.30
PCB-1260 Peak 3	4.48	4.38	4.58
PCB-1260 Peak 4	5.18	5.08	5.28
PCB-1260 Peak 5	5.46	5.36	5.56
Tetrachloro-m-xylene	1.27	1.17	1.37
DCB Decachlorobiphenyl	6.62	6.52	6.72

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 14-Dec-2012 03:56:32 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015842-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 68676 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m
Last Update: 14-Dec-2012 12:26:11 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK020

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.270	1.270	0.000	32678247	0.0235			
2	2	1.672	1.672	0.000	23178642	0.0256			
						RPD = 8.91			
6 PCB-1016									
1	100	1.540	1.540	0.000	11022146	0.4462		100.0	
1	2	1.822	1.822	0.000	19756367	0.4475	152.4- 202.4	179.2	
1	3	2.213	2.213	0.000	41791520	0.4581	334.6- 384.6	379.2	
1	4	2.333	2.333	0.000	18146178	0.4488	125.4- 195.4	164.6	
1	5	2.712	2.712	0.000	18116792	0.4473	136.2- 186.2	164.4	
			Average of Peak Amounts =			0.4496			
2	6	2.134	2.134	0.000	7710986	0.4878		100.0	
2	7	2.529	2.529	0.000	15517813	0.4936	169.0- 229.0	201.2	
2	8	2.980	2.980	0.000	32247866	0.5102	361.2- 421.2	418.2	
2	9	3.118	3.118	0.000	13814983	0.5004	144.4- 204.4	179.2	
2	10	3.221	3.221	0.000	10912535	0.4995	108.9- 168.9	141.5	
			Average of Peak Amounts =			0.4983			
						RPD = 10.29			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	26559142	0.4476		100.0	
1	2	4.196	4.196	0.000	48371213	0.4504	156.3- 206.3	182.1	
1	3	4.476	4.476	0.000	49633119	0.4501	159.6- 209.6	186.9	
1	4	5.178	5.178	0.000	57241120	0.4594	183.4- 233.4	215.5	
1	5	5.461	5.461	0.000	29672766	0.4461	87.0- 137.0	111.7	
			Average of Peak Amounts =			0.4507			
2	6	4.931	4.931	0.000	21974990	0.4827		100.0	
2	7	5.160	5.160	0.000	26019242	0.4767	86.9- 146.9	118.4	
2	8	5.529	5.529	0.000	39637099	0.4915	145.2- 205.2	180.4	
2	9	6.213	6.213	0.000	49052264	0.5068	177.4- 237.4	223.2	
2	10	6.596	6.596	0.000	35106044	0.4889	125.7- 185.7	159.8	
			Average of Peak Amounts =			0.4893			
						RPD = 8.21			
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	29237083	0.0225			
2	2	7.833	7.833	0.000	23894931	0.0241			
						RPD = 6.92			

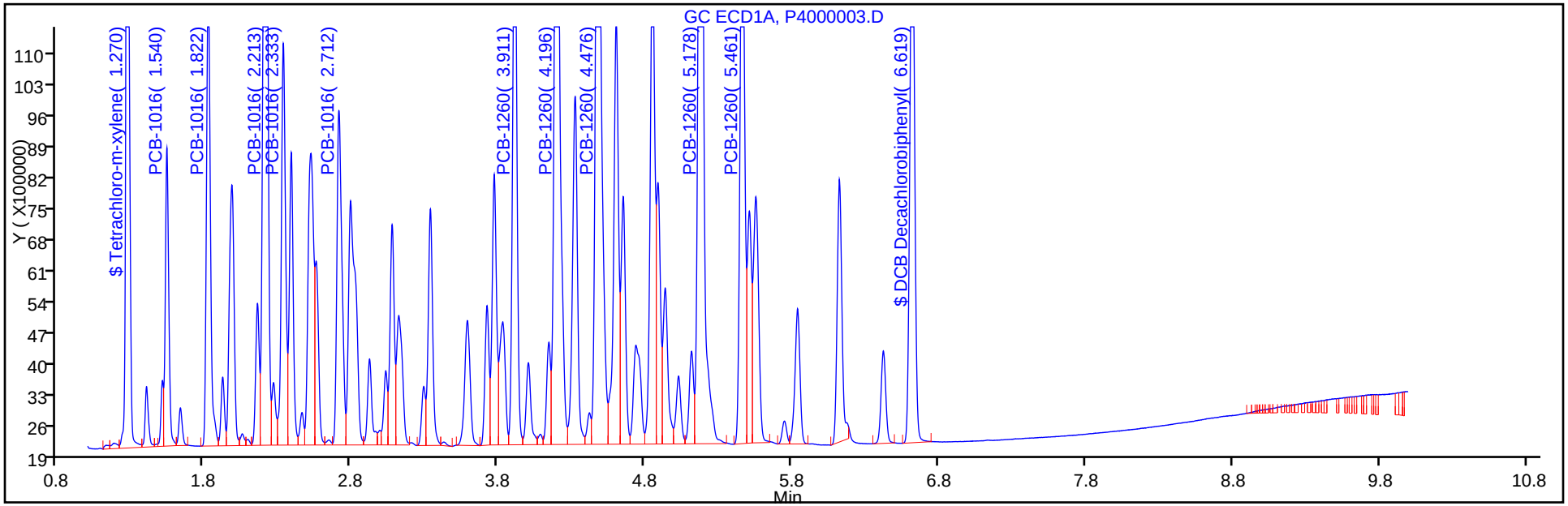
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TestAmerica Canton

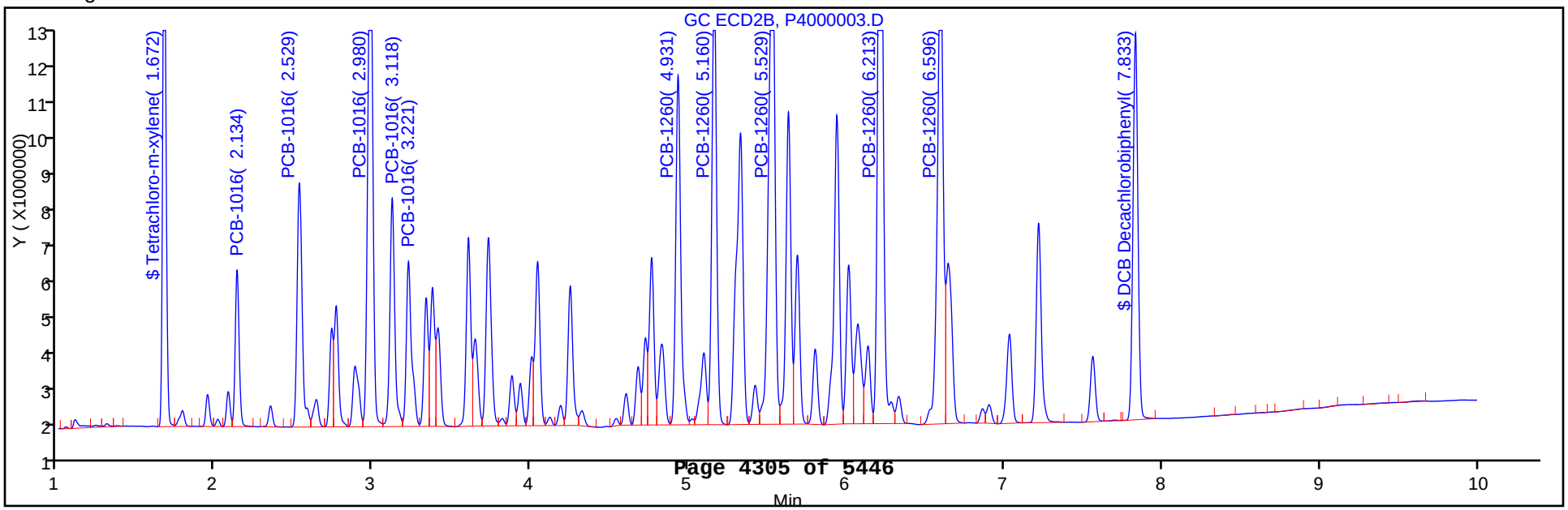
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Injection Date:	14-Dec-2012 03:56:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68676/3 Calibration Date: 12/14/2012 03:56

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	15807169	15421972		0.488	0.500	-2.4	20.0
PCB-1016 Peak 2	Ave	31440012	31035626		0.494	0.500	-1.3	20.0
PCB-1016 Peak 3	Ave	63200288	64495732		0.510	0.500	2.0	20.0
PCB-1016 Peak 4	Ave	27607491	27629966		0.500	0.500	0.0	20.0
PCB-1016 Peak 5	Ave	21845224	21825070		0.500	0.500	-0.0	20.0
PCB-1260 Peak 1	Ave	45527908	43949980		0.483	0.500	-3.5	20.0
PCB-1260 Peak 2	Ave	54580002	52038484		0.477	0.500	-4.7	20.0
PCB-1260 Peak 3	Ave	80645277	79274198		0.491	0.500	-1.7	20.0
PCB-1260 Peak 4	Ave	96793644	98104528		0.507	0.500	1.4	20.0
PCB-1260 Peak 5	Ave	71805358	70212088		0.489	0.500	-2.2	20.0
Tetrachloro-m-xylene	Ave	904095540	927145680		0.0256	0.0250	2.5	20.0
DCB Decachlorobiphenyl	Ave	991196823	955797240		0.0241	0.0250	-3.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68676/3 Calibration Date: 12/14/2012 03:56

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.13	2.03	2.23
PCB-1016 Peak 2	2.53	2.43	2.63
PCB-1016 Peak 3	2.98	2.88	3.08
PCB-1016 Peak 4	3.12	3.02	3.22
PCB-1016 Peak 5	3.22	3.12	3.32
PCB-1260 Peak 1	4.93	4.83	5.03
PCB-1260 Peak 2	5.16	5.06	5.26
PCB-1260 Peak 3	5.53	5.43	5.63
PCB-1260 Peak 4	6.21	6.11	6.31
PCB-1260 Peak 5	6.60	6.50	6.70
Tetrachloro-m-xylene	1.67	1.57	1.77
DCB Decachlorobiphenyl	7.83	7.73	7.93

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 14-Dec-2012 03:56:32 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015842-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 68676 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m
Last Update: 14-Dec-2012 12:26:11 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK020

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.270	1.270	0.000	32678247	0.0235			
2	2	1.672	1.672	0.000	23178642	0.0256			
						RPD = 8.91			
6 PCB-1016									
1	100	1.540	1.540	0.000	11022146	0.4462		100.0	
1	2	1.822	1.822	0.000	19756367	0.4475	152.4- 202.4	179.2	
1	3	2.213	2.213	0.000	41791520	0.4581	334.6- 384.6	379.2	
1	4	2.333	2.333	0.000	18146178	0.4488	125.4- 195.4	164.6	
1	5	2.712	2.712	0.000	18116792	0.4473	136.2- 186.2	164.4	
			Average of Peak Amounts =			0.4496			
2	6	2.134	2.134	0.000	7710986	0.4878		100.0	
2	7	2.529	2.529	0.000	15517813	0.4936	169.0- 229.0	201.2	
2	8	2.980	2.980	0.000	32247866	0.5102	361.2- 421.2	418.2	
2	9	3.118	3.118	0.000	13814983	0.5004	144.4- 204.4	179.2	
2	10	3.221	3.221	0.000	10912535	0.4995	108.9- 168.9	141.5	
			Average of Peak Amounts =			0.4983			
						RPD = 10.29			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	26559142	0.4476		100.0	
1	2	4.196	4.196	0.000	48371213	0.4504	156.3- 206.3	182.1	
1	3	4.476	4.476	0.000	49633119	0.4501	159.6- 209.6	186.9	
1	4	5.178	5.178	0.000	57241120	0.4594	183.4- 233.4	215.5	
1	5	5.461	5.461	0.000	29672766	0.4461	87.0- 137.0	111.7	
			Average of Peak Amounts =			0.4507			
2	6	4.931	4.931	0.000	21974990	0.4827		100.0	
2	7	5.160	5.160	0.000	26019242	0.4767	86.9- 146.9	118.4	
2	8	5.529	5.529	0.000	39637099	0.4915	145.2- 205.2	180.4	
2	9	6.213	6.213	0.000	49052264	0.5068	177.4- 237.4	223.2	
2	10	6.596	6.596	0.000	35106044	0.4889	125.7- 185.7	159.8	
			Average of Peak Amounts =			0.4893			
						RPD = 8.21			
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	29237083	0.0225			
2	2	7.833	7.833	0.000	23894931	0.0241			
						RPD = 6.92			

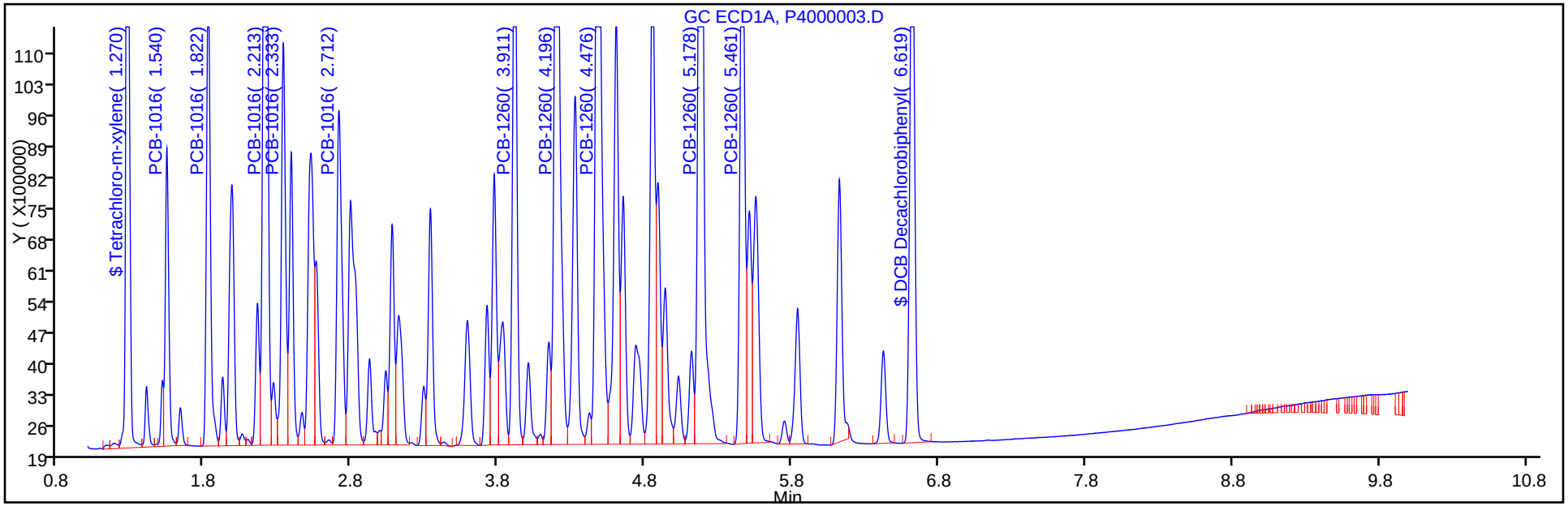
Report Date: 14-Dec-2012 12:26:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

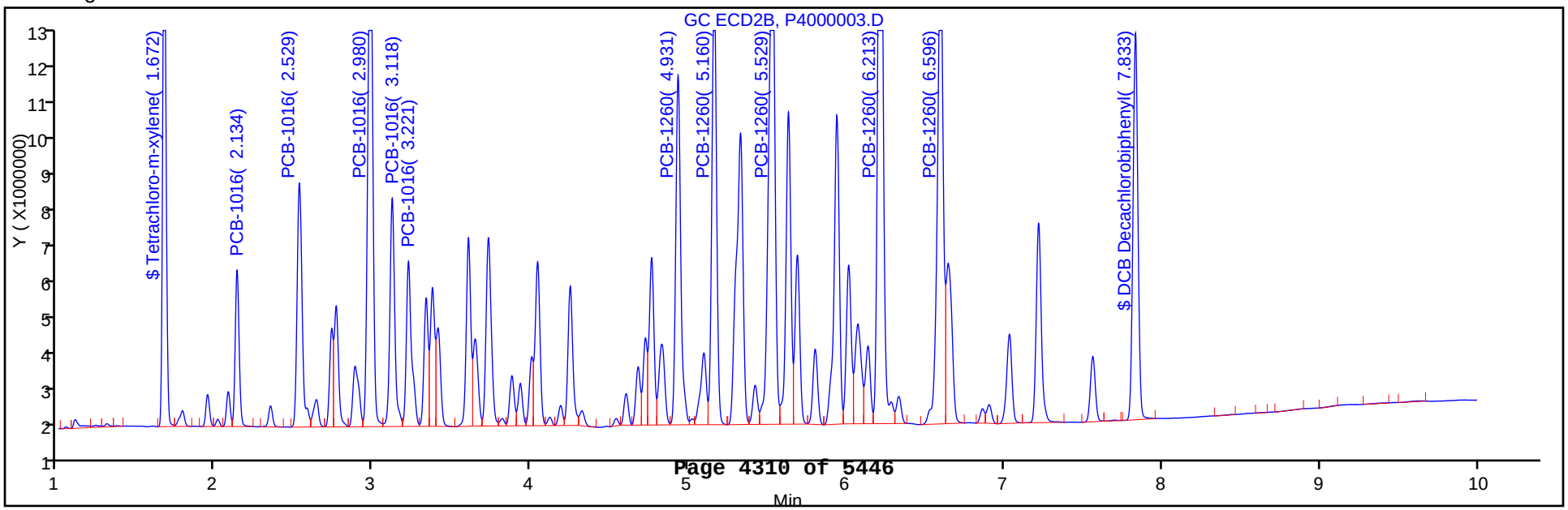
Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000003.D

Injection Date:	14-Dec-2012 03:56:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68676/20 Calibration Date: 12/14/2012 08:23

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000020.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	24702533	22723080		0.460	0.500	-8.0	20.0
PCB-1016 Peak 2	Ave	44151983	39730692		0.450	0.500	-10.0	20.0
PCB-1016 Peak 3	Ave	91223581	84760508		0.465	0.500	-7.1	20.0
PCB-1016 Peak 4	Ave	40436349	36714436		0.454	0.500	-9.2	20.0
PCB-1016 Peak 5	Ave	40503627	36524510		0.451	0.500	-9.8	20.0
PCB-1260 Peak 1	Ave	59343359	53905956		0.454	0.500	-9.2	20.0
PCB-1260 Peak 2	Ave	107397135	98119408		0.457	0.500	-8.6	20.0
PCB-1260 Peak 3	Ave	110273317	101027808		0.458	0.500	-8.4	20.0
PCB-1260 Peak 4	Ave	124594955	116491806		0.467	0.500	-6.5	20.0
PCB-1260 Peak 5	Ave	66509184	60713080		0.456	0.500	-8.7	20.0
Tetrachloro-m-xylene	Ave	1393525317	1291343160		0.0232	0.0250	-7.3	20.0
DCB Decachlorobiphenyl	Ave	1299788350	1181446040		0.0227	0.0250	-9.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68676/20 Calibration Date: 12/14/2012 08:23

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000020.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.54	1.44	1.64
PCB-1016 Peak 2	1.83	1.73	1.93
PCB-1016 Peak 3	2.22	2.12	2.32
PCB-1016 Peak 4	2.34	2.24	2.44
PCB-1016 Peak 5	2.71	2.61	2.81
PCB-1260 Peak 1	3.91	3.81	4.01
PCB-1260 Peak 2	4.20	4.10	4.30
PCB-1260 Peak 3	4.48	4.38	4.58
PCB-1260 Peak 4	5.18	5.08	5.28
PCB-1260 Peak 5	5.46	5.36	5.56
Tetrachloro-m-xylene	1.27	1.17	1.37
DCB Decachlorobiphenyl	6.62	6.52	6.72

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000020.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 14-Dec-2012 08:23:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015842-020
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 20
Lims Batch ID: 68676 Lims Sample ID: 20
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m
Last Update: 14-Dec-2012 12:25:53 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK020

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.271	0.000	32283579	0.0232			
2	2	1.675	1.675	0.000	22652983	0.0251			
						RPD = 7.83			
6 PCB-1016									
1	100	1.543	1.543	0.000	11361540	0.4599		100.0	
1	2	1.825	1.825	0.000	19865346	0.4499	152.4- 202.4	174.8	
1	3	2.216	2.216	0.000	42380254	0.4646	334.6- 384.6	373.0	
1	4	2.336	2.336	0.000	18357218	0.4540	125.4- 195.4	161.6	
1	5	2.714	2.714	0.000	18262255	0.4509	136.2- 186.2	160.7	
			Average of Peak Amounts =			0.4559			
2	6	2.137	2.137	0.000	7589584	0.4801		100.0	
2	7	2.531	2.531	0.000	15216183	0.4840	169.0- 229.0	200.5	
2	8	2.981	2.981	0.000	32063014	0.5073	361.2- 421.2	422.5	
2	9	3.120	3.120	0.000	13680543	0.4955	144.4- 204.4	180.3	
2	10	3.222	3.222	0.000	10828343	0.4957	108.9- 168.9	142.7	
			Average of Peak Amounts =			0.4925			
						RPD = 7.73			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	26952978	0.4542		100.0	
1	2	4.198	4.198	0.000	49059704	0.4568	156.3- 206.3	182.0	
1	3	4.477	4.477	0.000	50513904	0.4581	159.6- 209.6	187.4	
1	4	5.179	5.179	0.000	58245903	0.4675	183.4- 233.4	216.1	
1	5	5.461	5.461	0.000	30356540	0.4564	87.0- 137.0	112.6	
			Average of Peak Amounts =			0.4586			
2	6	4.932	4.932	0.000	22119716	0.4858		100.0	
2	7	5.161	5.161	0.000	26117951	0.4785	86.9- 146.9	118.1	
2	8	5.530	5.530	0.000	39825114	0.4938	145.2- 205.2	180.0	
2	9	6.214	6.214	0.000	49377504	0.5101	177.4- 237.4	223.2	
2	10	6.595	6.595	0.000	35053382	0.4882	125.7- 185.7	158.5	
			Average of Peak Amounts =			0.4913			
						RPD = 6.89			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	29536151	0.0227			
2	2	7.832	7.832	0.000	23924912	0.0241			
						RPD = 6.03			

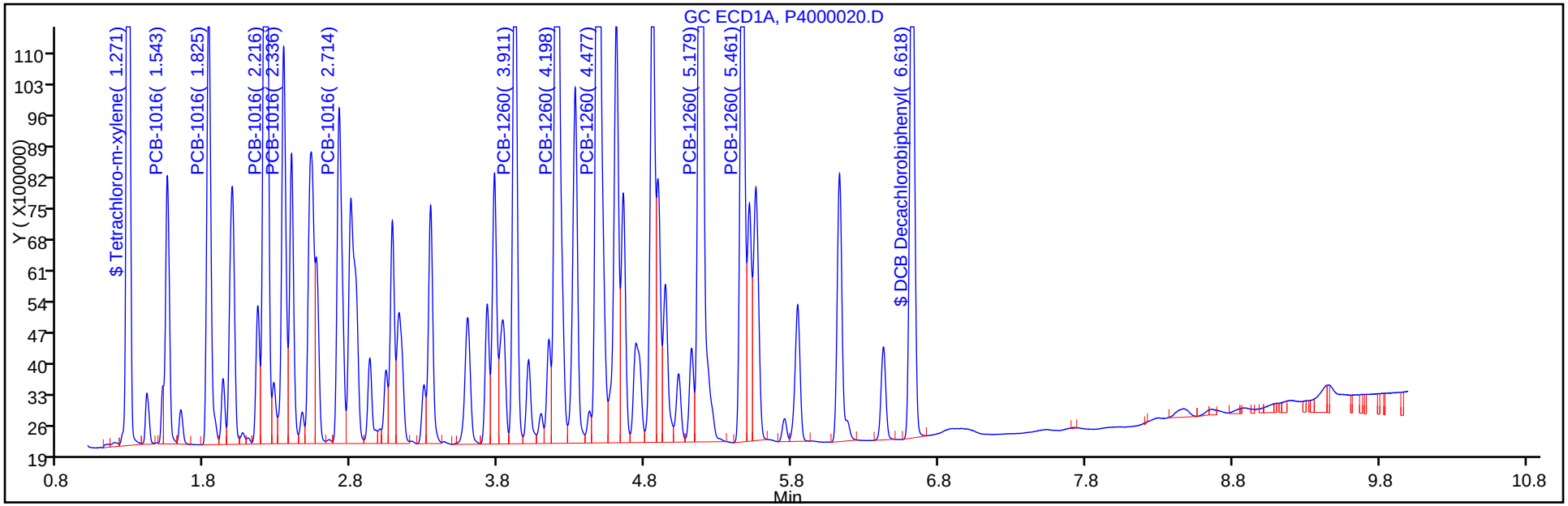
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TestAmerica Canton

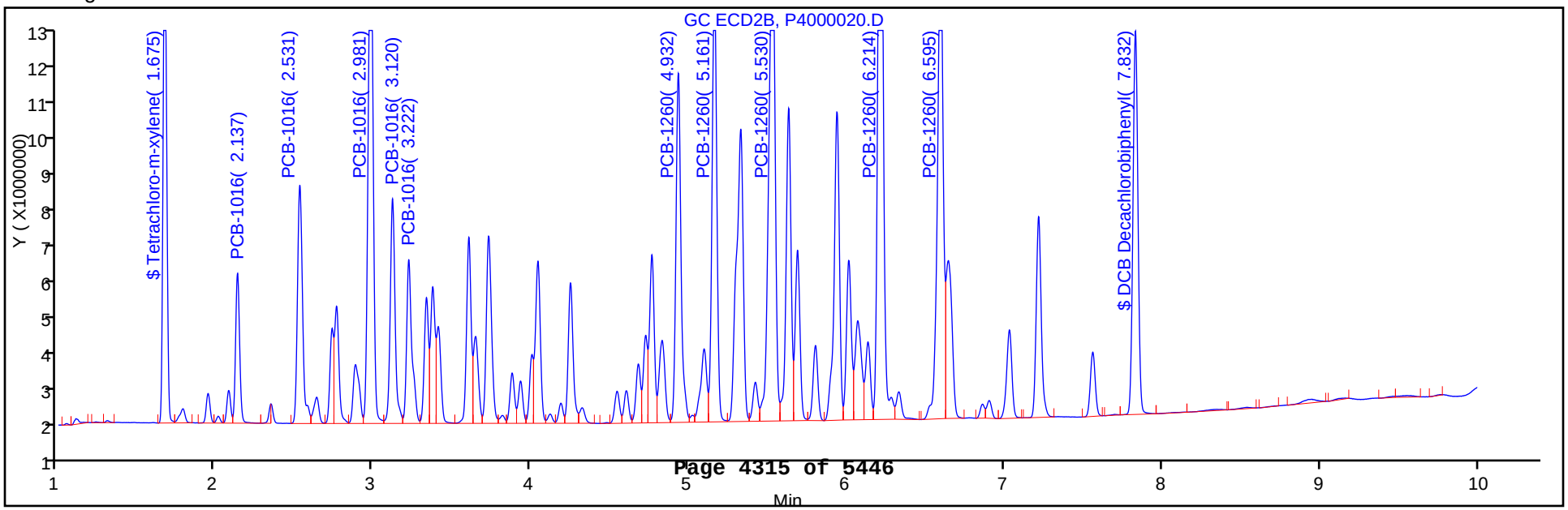
Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000020.D

Injection Date:	14-Dec-2012 08:23:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68676/20 Calibration Date: 12/14/2012 08:23

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000020.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	15807169	15179168		0.480	0.500	-4.0	20.0
PCB-1016 Peak 2	Ave	31440012	30432366		0.484	0.500	-3.2	20.0
PCB-1016 Peak 3	Ave	63200288	64126028		0.507	0.500	1.5	20.0
PCB-1016 Peak 4	Ave	27607491	27361086		0.496	0.500	-0.9	20.0
PCB-1016 Peak 5	Ave	21845224	21656686		0.496	0.500	-0.9	20.0
PCB-1260 Peak 1	Ave	45527908	44239432		0.486	0.500	-2.8	20.0
PCB-1260 Peak 2	Ave	54580002	52235902		0.479	0.500	-4.3	20.0
PCB-1260 Peak 3	Ave	80645277	79650228		0.494	0.500	-1.2	20.0
PCB-1260 Peak 4	Ave	96793644	98755008		0.510	0.500	2.0	20.0
PCB-1260 Peak 5	Ave	71805358	70106764		0.488	0.500	-2.4	20.0
Tetrachloro-m-xylene	Ave	904095540	906119320		0.0251	0.0250	0.2	20.0
DCB Decachlorobiphenyl	Ave	991196823	956996480		0.0241	0.0250	-3.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68676/20 Calibration Date: 12/14/2012 08:23

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000020.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.04	2.24
PCB-1016 Peak 2	2.53	2.43	2.63
PCB-1016 Peak 3	2.98	2.88	3.08
PCB-1016 Peak 4	3.12	3.02	3.22
PCB-1016 Peak 5	3.22	3.12	3.32
PCB-1260 Peak 1	4.93	4.83	5.03
PCB-1260 Peak 2	5.16	5.06	5.26
PCB-1260 Peak 3	5.53	5.43	5.63
PCB-1260 Peak 4	6.21	6.11	6.31
PCB-1260 Peak 5	6.60	6.50	6.70
Tetrachloro-m-xylene	1.68	1.58	1.78
DCB Decachlorobiphenyl	7.83	7.73	7.93

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000020.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 14-Dec-2012 08:23:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015842-020
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 20
Lims Batch ID: 68676 Lims Sample ID: 20
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m
Last Update: 14-Dec-2012 12:25:53 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK020

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.271	0.000	32283579	0.0232			
2	2	1.675	1.675	0.000	22652983	0.0251			
						RPD = 7.83			
6 PCB-1016									
1	100	1.543	1.543	0.000	11361540	0.4599		100.0	
1	2	1.825	1.825	0.000	19865346	0.4499	152.4- 202.4	174.8	
1	3	2.216	2.216	0.000	42380254	0.4646	334.6- 384.6	373.0	
1	4	2.336	2.336	0.000	18357218	0.4540	125.4- 195.4	161.6	
1	5	2.714	2.714	0.000	18262255	0.4509	136.2- 186.2	160.7	
			Average of Peak Amounts =			0.4559			
2	6	2.137	2.137	0.000	7589584	0.4801		100.0	
2	7	2.531	2.531	0.000	15216183	0.4840	169.0- 229.0	200.5	
2	8	2.981	2.981	0.000	32063014	0.5073	361.2- 421.2	422.5	
2	9	3.120	3.120	0.000	13680543	0.4955	144.4- 204.4	180.3	
2	10	3.222	3.222	0.000	10828343	0.4957	108.9- 168.9	142.7	
			Average of Peak Amounts =			0.4925			
						RPD = 7.73			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.911	0.000	26952978	0.4542		100.0	
1	2	4.198	4.198	0.000	49059704	0.4568	156.3- 206.3	182.0	
1	3	4.477	4.477	0.000	50513904	0.4581	159.6- 209.6	187.4	
1	4	5.179	5.179	0.000	58245903	0.4675	183.4- 233.4	216.1	
1	5	5.461	5.461	0.000	30356540	0.4564	87.0- 137.0	112.6	
			Average of Peak Amounts =			0.4586			
2	6	4.932	4.932	0.000	22119716	0.4858		100.0	
2	7	5.161	5.161	0.000	26117951	0.4785	86.9- 146.9	118.1	
2	8	5.530	5.530	0.000	39825114	0.4938	145.2- 205.2	180.0	
2	9	6.214	6.214	0.000	49377504	0.5101	177.4- 237.4	223.2	
2	10	6.595	6.595	0.000	35053382	0.4882	125.7- 185.7	158.5	
			Average of Peak Amounts =			0.4913			
						RPD = 6.89			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	29536151	0.0227			
2	2	7.832	7.832	0.000	23924912	0.0241			
						RPD = 6.03			

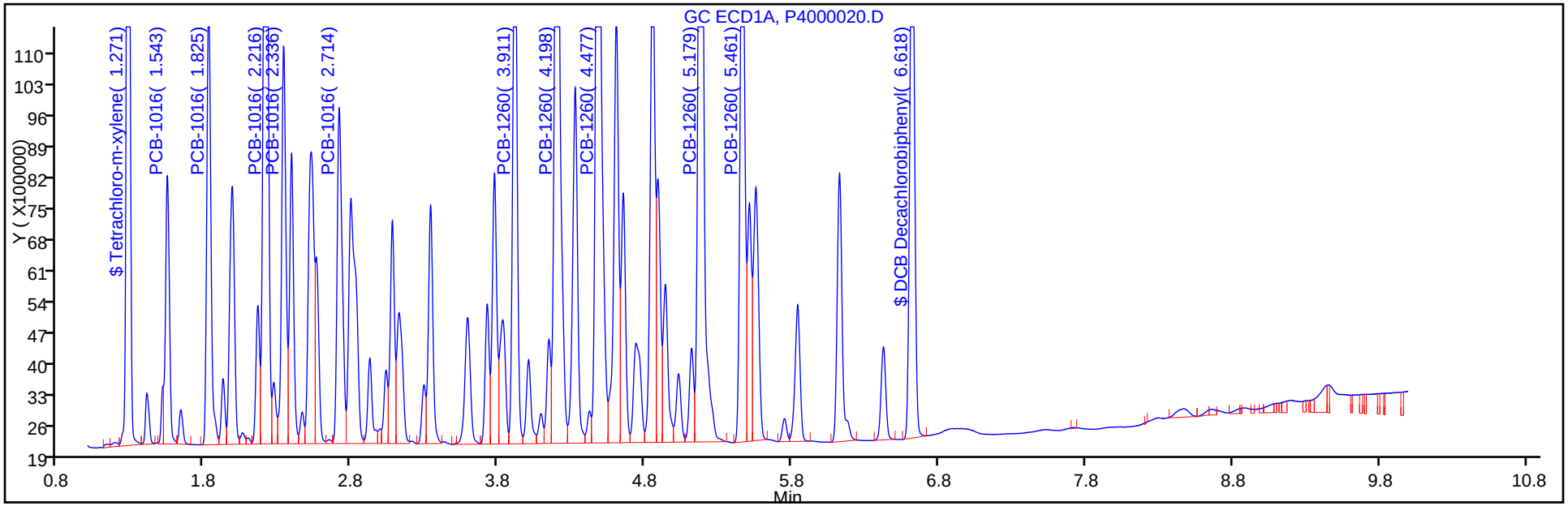
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TestAmerica Canton

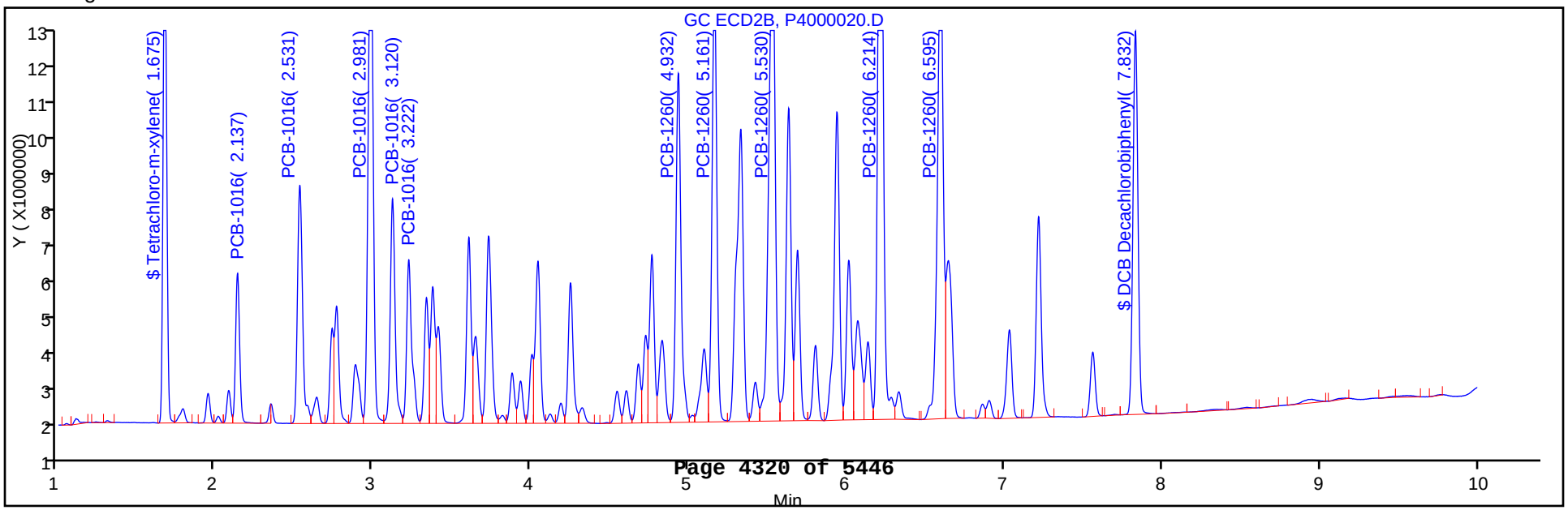
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Injection Date:	14-Dec-2012 08:23:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68676/32 Calibration Date: 12/14/2012 11:32

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000032.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	24702533	23944936		0.485	0.500	-3.1	20.0
PCB-1016 Peak 2	Ave	44151983	41584250		0.471	0.500	-5.8	20.0
PCB-1016 Peak 3	Ave	91223581	90043464		0.494	0.500	-1.3	20.0
PCB-1016 Peak 4	Ave	40436349	38295060		0.474	0.500	-5.3	20.0
PCB-1016 Peak 5	Ave	40503627	37484036		0.463	0.500	-7.5	20.0
PCB-1260 Peak 1	Ave	59343359	50992114		0.430	0.500	-14.1	20.0
PCB-1260 Peak 2	Ave	107397135	93383398		0.435	0.500	-13.0	20.0
PCB-1260 Peak 3	Ave	110273317	97415026		0.442	0.500	-11.7	20.0
PCB-1260 Peak 4	Ave	124594955	110095634		0.442	0.500	-11.6	20.0
PCB-1260 Peak 5	Ave	66509184	59451890		0.447	0.500	-10.6	20.0
Tetrachloro-m-xylene	Ave	1393525317	1365458800		0.0245	0.0250	-2.0	20.0
DCB Decachlorobiphenyl	Ave	1299788350	1053757480		0.0203	0.0250	-18.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68676/32 Calibration Date: 12/14/2012 11:32

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000032.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.54	1.44	1.64
PCB-1016 Peak 2	1.83	1.73	1.93
PCB-1016 Peak 3	2.22	2.12	2.32
PCB-1016 Peak 4	2.34	2.24	2.44
PCB-1016 Peak 5	2.71	2.61	2.81
PCB-1260 Peak 1	3.91	3.81	4.01
PCB-1260 Peak 2	4.20	4.10	4.30
PCB-1260 Peak 3	4.48	4.38	4.58
PCB-1260 Peak 4	5.18	5.08	5.28
PCB-1260 Peak 5	5.46	5.36	5.56
Tetrachloro-m-xylene	1.27	1.17	1.37
DCB Decachlorobiphenyl	6.62	6.52	6.72

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000032.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 14-Dec-2012 11:32:32 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015842-032
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 32
Lims Batch ID: 68676 Lims Sample ID: 32
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m
Last Update: 14-Dec-2012 12:26:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK020

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.272	1.272	0.000	34136470	0.0245			
2	2	1.675	1.675	0.000	23867812	0.0264			
						RPD = 7.48			
6 PCB-1016									
1	100	1.543	1.543	0.000	11972468	0.4847		100.0	
1	2	1.825	1.825	0.000	20792125	0.4709	152.4- 202.4	173.7	
1	3	2.215	2.215	0.000	45021732	0.4935	334.6- 384.6	376.0	
1	4	2.336	2.336	0.000	19147530	0.4735	125.4- 195.4	159.9	
1	5	2.714	2.714	0.000	18742018	0.4627	136.2- 186.2	156.5	
			Average of Peak Amounts =			0.4771			
2	6	2.137	2.137	0.000	7952302	0.5031		100.0	
2	7	2.532	2.532	0.000	15629752	0.4971	169.0- 229.0	196.5	
2	8	2.982	2.982	0.000	32233496	0.5100	361.2- 421.2	405.3	
2	9	3.120	3.120	0.000	13195520	0.4780	144.4- 204.4	165.9	
2	10	3.223	3.223	0.000	10342927	0.4735	108.9- 168.9	130.1	
			Average of Peak Amounts =			0.4923			
						RPD = 3.15			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.913	0.000	25496057	0.4296		100.0	
1	2	4.199	4.199	0.000	46691699	0.4348	156.3- 206.3	183.1	
1	3	4.478	4.478	0.000	48707513	0.4417	159.6- 209.6	191.0	
1	4	5.178	5.178	0.000	55047817	0.4418	183.4- 233.4	215.9	
1	5	5.463	5.463	0.000	29725945	0.4469	87.0- 137.0	116.6	
			Average of Peak Amounts =			0.4390			
2	6	4.932	4.932	0.000	18129232	0.3982		100.0	
2	7	5.161	5.161	0.000	22024766	0.4035	86.9- 146.9	121.5	
2	8	5.529	5.529	0.000	32589590	0.4041	145.2- 205.2	179.8	
2	9	6.214	6.214	0.000	41366016	0.4274	177.4- 237.4	228.2	
2	10	6.597	6.597	0.000	29320786	0.4083	125.7- 185.7	161.7	
			Average of Peak Amounts =			0.4083			
						RPD = 7.24			
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.620	0.000	26343937	0.0203			
2	2	7.834	7.834	0.000	20466267	0.0206			
						RPD = 1.86			

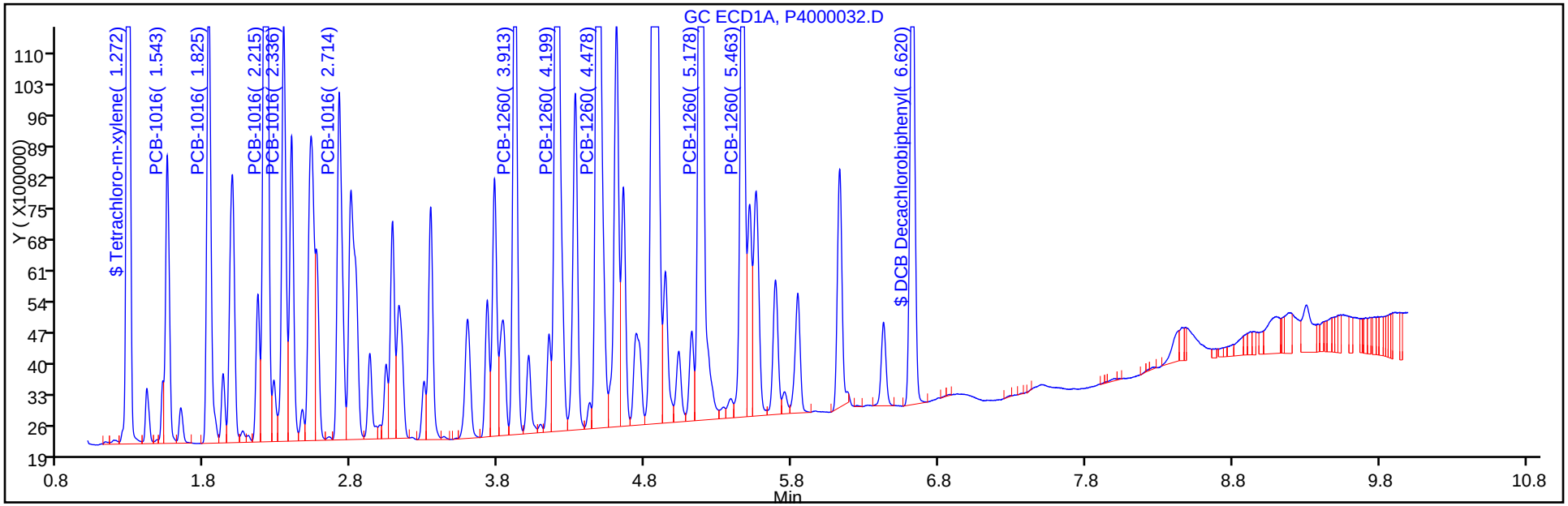
Report Date: 14-Dec-2012 12:26:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

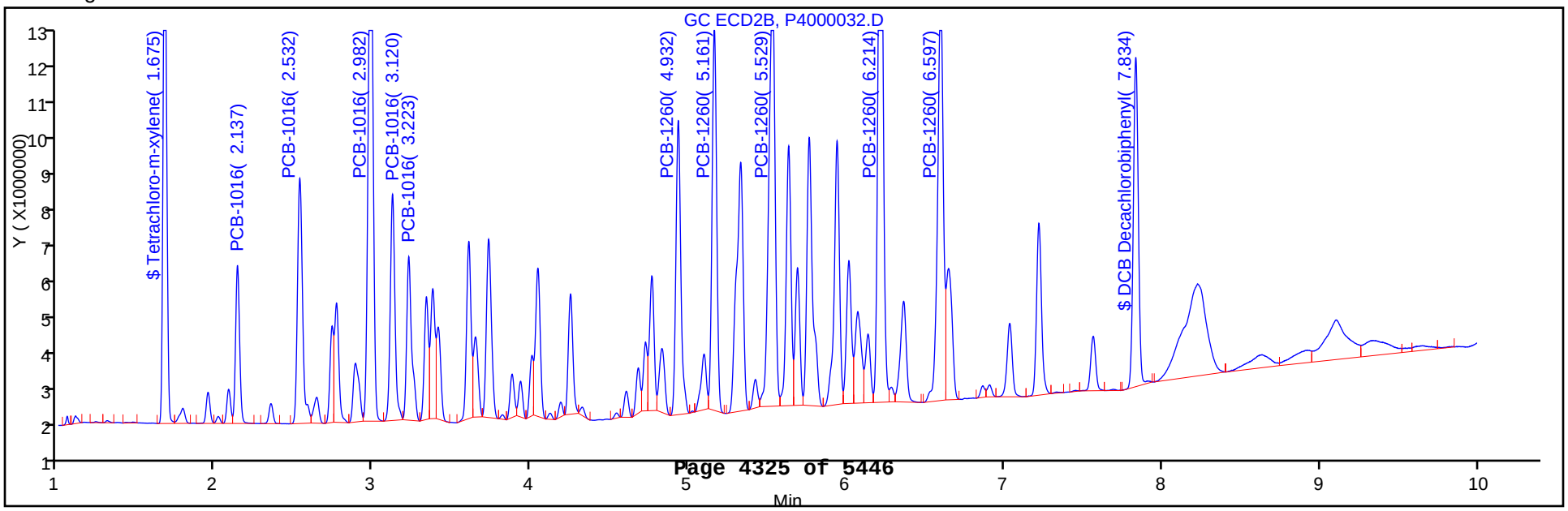
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Injection Date:	14-Dec-2012 11:32:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68676/32 Calibration Date: 12/14/2012 11:32

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000032.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	15807169	15904604		0.503	0.500	0.6	20.0
PCB-1016 Peak 2	Ave	31440012	31259504		0.497	0.500	-0.6	20.0
PCB-1016 Peak 3	Ave	63200288	64466992		0.510	0.500	2.0	20.0
PCB-1016 Peak 4	Ave	27607491	26391040		0.478	0.500	-4.4	20.0
PCB-1016 Peak 5	Ave	21845224	20685854		0.473	0.500	-5.3	20.0
PCB-1260 Peak 1	Ave	45527908	36258464		0.398	0.500	-20.4*	20.0
PCB-1260 Peak 2	Ave	54580002	44049532		0.404	0.500	-19.3	20.0
PCB-1260 Peak 3	Ave	80645277	65179180		0.404	0.500	-19.2	20.0
PCB-1260 Peak 4	Ave	96793644	82732032		0.427	0.500	-14.5	20.0
PCB-1260 Peak 5	Ave	71805358	58641572		0.408	0.500	-18.3	20.0
Tetrachloro-m-xylene	Ave	904095540	954712480		0.0264	0.0250	5.6	20.0
DCB Decachlorobiphenyl	Ave	991196823	818650680		0.0206	0.0250	-17.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 240-68676/32 Calibration Date: 12/14/2012 11:32

Instrument ID: A2HP4 Calib Start Date: 12/04/2012 14:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 16:09

Lab File ID: P4000032.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.04	2.24
PCB-1016 Peak 2	2.53	2.43	2.63
PCB-1016 Peak 3	2.98	2.88	3.08
PCB-1016 Peak 4	3.12	3.02	3.22
PCB-1016 Peak 5	3.22	3.12	3.32
PCB-1260 Peak 1	4.93	4.83	5.03
PCB-1260 Peak 2	5.16	5.06	5.26
PCB-1260 Peak 3	5.53	5.43	5.63
PCB-1260 Peak 4	6.21	6.11	6.31
PCB-1260 Peak 5	6.60	6.50	6.70
Tetrachloro-m-xylene	1.68	1.58	1.78
DCB Decachlorobiphenyl	7.83	7.73	7.93

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000032.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 14-Dec-2012 11:32:32 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015842-032
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 32
Lims Batch ID: 68676 Lims Sample ID: 32
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m
Last Update: 14-Dec-2012 12:26:07 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK020

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.272	1.272	0.000	34136470	0.0245			
2	2	1.675	1.675	0.000	23867812	0.0264			
						RPD = 7.48			
6 PCB-1016									
1	100	1.543	1.543	0.000	11972468	0.4847		100.0	
1	2	1.825	1.825	0.000	20792125	0.4709	152.4- 202.4	173.7	
1	3	2.215	2.215	0.000	45021732	0.4935	334.6- 384.6	376.0	
1	4	2.336	2.336	0.000	19147530	0.4735	125.4- 195.4	159.9	
1	5	2.714	2.714	0.000	18742018	0.4627	136.2- 186.2	156.5	
			Average of Peak Amounts =			0.4771			
2	6	2.137	2.137	0.000	7952302	0.5031		100.0	
2	7	2.532	2.532	0.000	15629752	0.4971	169.0- 229.0	196.5	
2	8	2.982	2.982	0.000	32233496	0.5100	361.2- 421.2	405.3	
2	9	3.120	3.120	0.000	13195520	0.4780	144.4- 204.4	165.9	
2	10	3.223	3.223	0.000	10342927	0.4735	108.9- 168.9	130.1	
			Average of Peak Amounts =			0.4923			
						RPD = 3.15			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.913	0.000	25496057	0.4296		100.0	
1	2	4.199	4.199	0.000	46691699	0.4348	156.3- 206.3	183.1	
1	3	4.478	4.478	0.000	48707513	0.4417	159.6- 209.6	191.0	
1	4	5.178	5.178	0.000	55047817	0.4418	183.4- 233.4	215.9	
1	5	5.463	5.463	0.000	29725945	0.4469	87.0- 137.0	116.6	
			Average of Peak Amounts =			0.4390			
2	6	4.932	4.932	0.000	18129232	0.3982		100.0	
2	7	5.161	5.161	0.000	22024766	0.4035	86.9- 146.9	121.5	
2	8	5.529	5.529	0.000	32589590	0.4041	145.2- 205.2	179.8	
2	9	6.214	6.214	0.000	41366016	0.4274	177.4- 237.4	228.2	
2	10	6.597	6.597	0.000	29320786	0.4083	125.7- 185.7	161.7	
			Average of Peak Amounts =			0.4083			
						RPD = 7.24			
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.620	0.000	26343937	0.0203			
2	2	7.834	7.834	0.000	20466267	0.0206			
						RPD = 1.86			

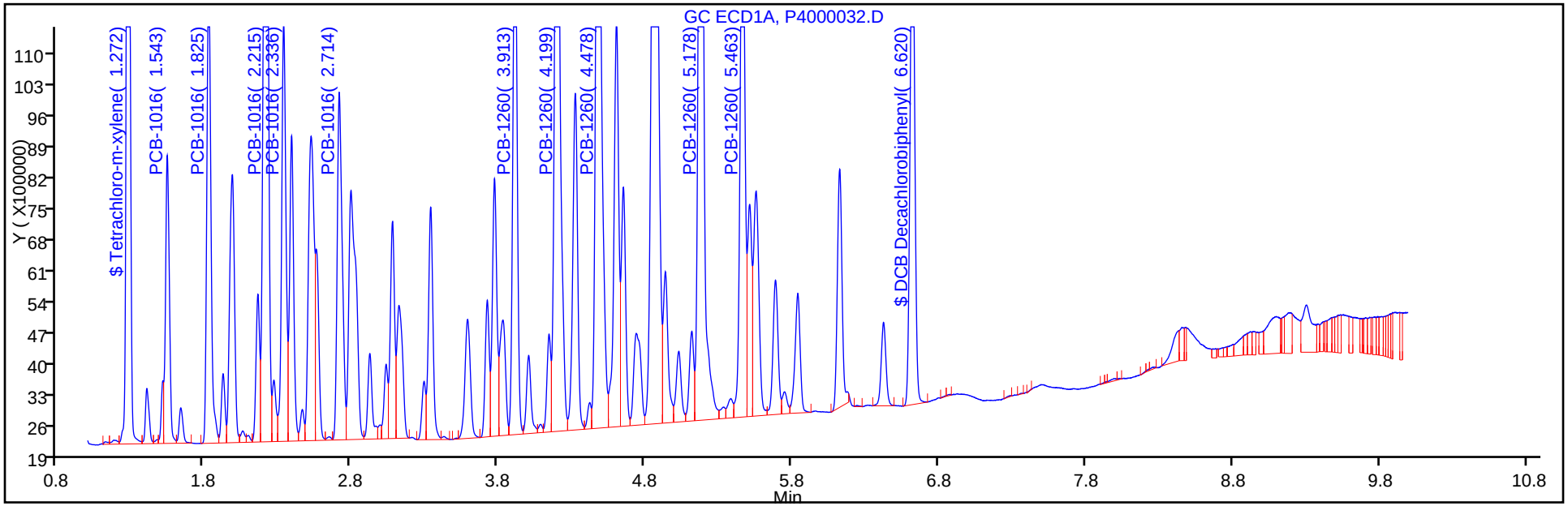
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TestAmerica Canton

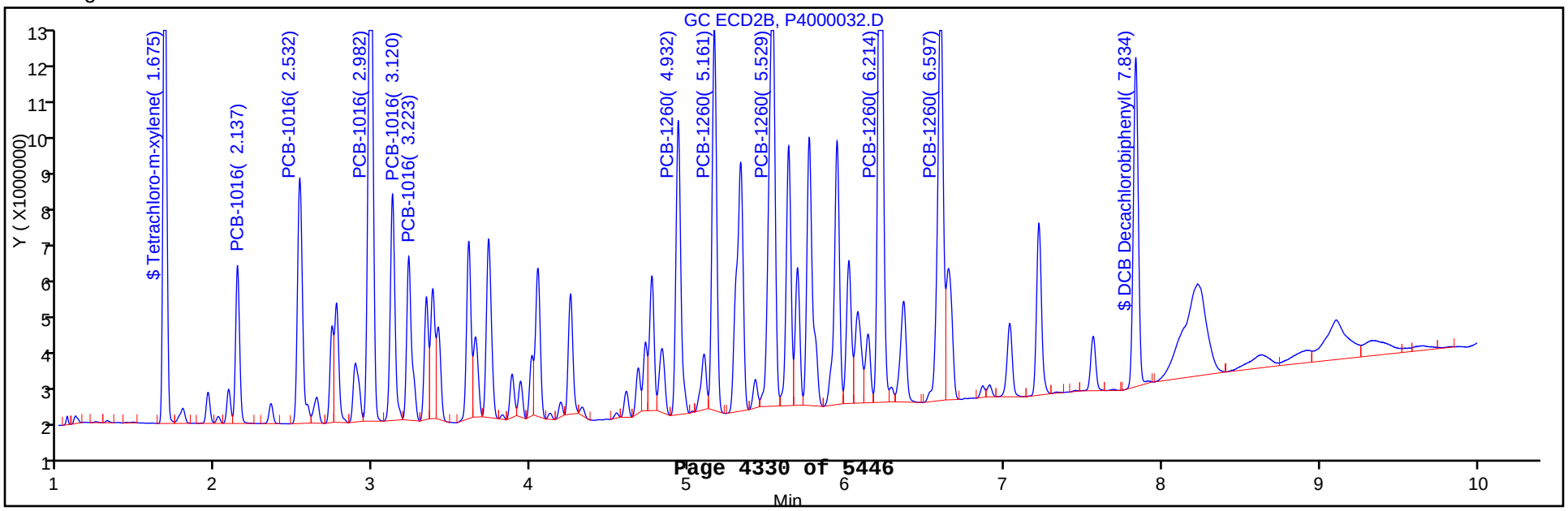
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Injection Date:	14-Dec-2012 11:32:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-68401/24-A

Matrix: Solid Lab File ID: P4000019.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 12/12/2012 13:49

Sample wt/vol: 30.00(g) Date Analyzed: 12/14/2012 08:08

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 68676 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		40-140
2051-24-3	DCB Decachlorobiphenyl	83		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000019.D
Lims ID: MB 240-68401/24-A Client ID:
Inject. Date: 14-Dec-2012 08:08:11 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015842-019
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 19
Lims Batch ID: 68676 Lims Sample ID: 19
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m
Last Update: 14-Dec-2012 12:25:42 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK020

First Level Reviewer: hassl Date: 14-Dec-2012 10:44:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.272	1.270	0.002	21775368	0.0156			
2	2	1.675	1.672	0.003	15283483	0.0169			
						RPD = 7.86			
3 PCB-1221									
1	2		1.402						
1	3		1.511						
1	4		1.541						
2	4		1.949						
2	5		2.080						
2	6		2.136						
5 PCB-1242									
1	100		1.539						
1	2		1.821						
1	3		2.214						
1	4		2.333						
1	5		2.711						
2	6		2.133						
2	7		2.529						
2	8		2.980						
2	9		3.118						
2	10		3.603						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.540						
1	2		1.822						
1	3		2.214						
1	4		2.333						
1	5		2.712						
2	6		2.135						
2	7		2.530						
2	8		2.979						
2	9		3.117						
2	10		3.727						
6 PCB-1016									
1	100		1.540						
1	2		1.822						
1	3		2.213						
1	4		2.333						
1	5		2.712						
2	6		2.134						
2	7		2.529						
2	8		2.980						
2	9		3.118						
2	10		3.221						
7 PCB-1248									
1	86		1.823						
1	2		2.212						
1	3		2.713						
1	4		3.290						
1	5		3.723						
2	6		2.528						
2	7		2.978						
2	8		3.728						
2	9		4.003						
2	10		4.724						
8 PCB-1254									
1	100		3.076						
1	2		3.722						
1	3		4.005						
1	4		4.196						
1	5		4.478						
2	6		4.248						
2	7		4.725						
2	8		4.968						
2	9		5.328						
2	10		5.532						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.911						
1	2		4.196						
1	3		4.476						
1	4		5.178						
1	5		5.461						
2	6		4.931						
2	7		5.160						
2	8		5.529						
2	9		6.213						
2	10		6.596						
9 PCB-1262									
1	100		4.200						
1	2		4.603						
1	3		4.850						
1	4		5.178						
1	5		5.553						
2	6		5.162						
2	7		5.632						
2	8		5.940						
2	9		6.215						
2	10		6.595						
11 PCB-1268									
1	100		5.511						
1	2		5.549						
1	3		5.749						
1	4		6.125						
1	5		6.424						
2	6		6.593						
2	7		6.639						
2	8		6.905						
2	9		7.219						
2	10		7.563						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.619	0.001	21460702	0.0165			
2	2	7.833	7.833	0.000	18147222	0.0183			
						RPD = 10.32			

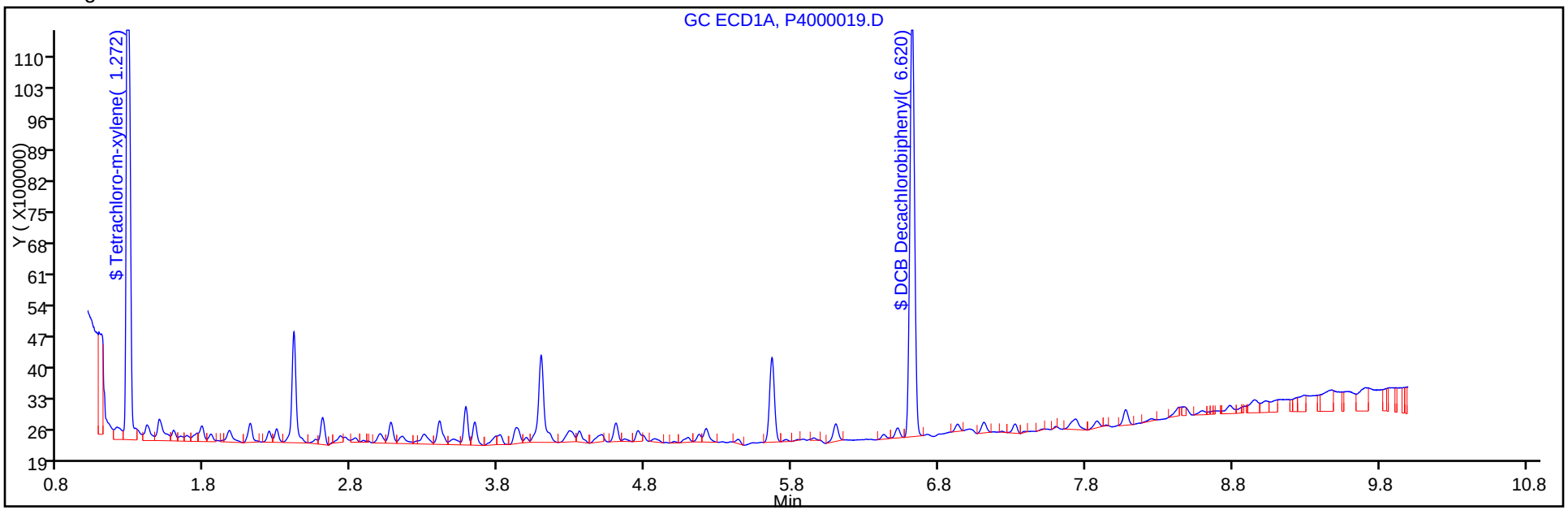
Report Date: 14-Dec-2012 12:25:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

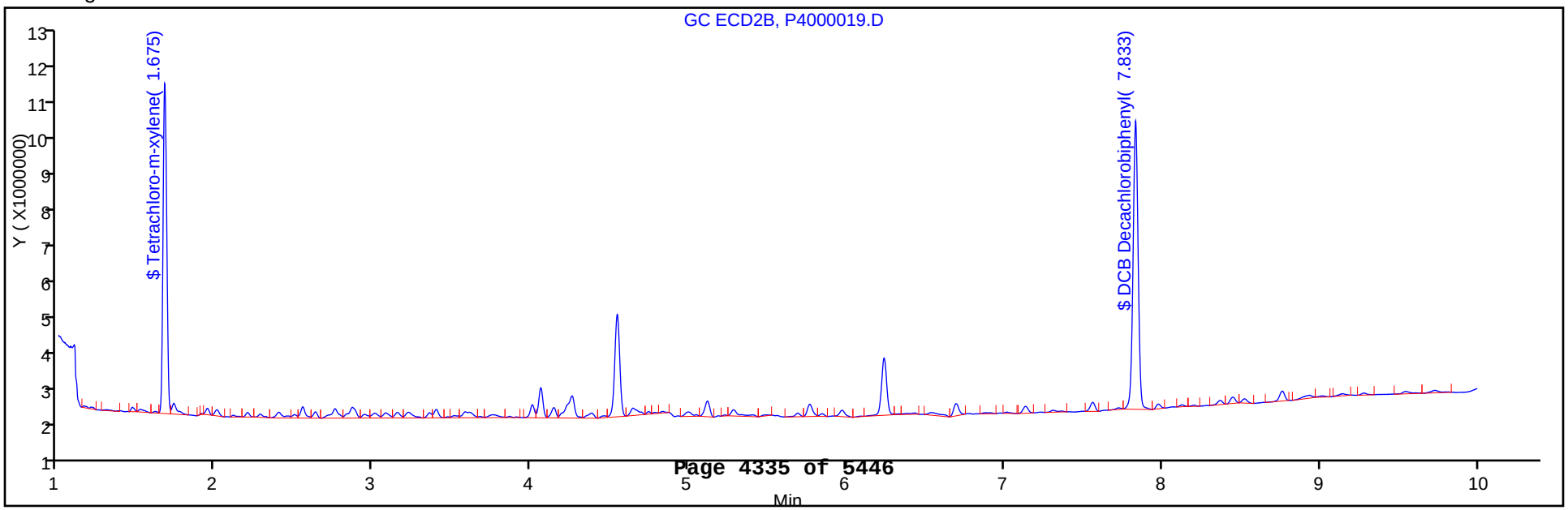
Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000019.D

Injection Date:	14-Dec-2012 08:08:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68401/24-A

Matrix: Solid | Lab File ID: P4000019.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/12/2012 13:49

Sample wt/vol: 30.00(g) | Date Analyzed: 12/14/2012 08:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68676 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	25	U	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		40-140
2051-24-3	DCB Decachlorobiphenyl	92		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000019.D		
Lims ID:	MB 240-68401/24-A	Client ID:	
Inject. Date:	14-Dec-2012 08:08:11	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0015842-019		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	19
Lims Batch ID:	68676	Lims Sample ID:	19
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m		
Last Update:	14-Dec-2012 12:25:42	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK020		
First Level Reviewer: hassl		Date:	14-Dec-2012 10:44:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.272	1.270	0.002	21775368	0.0156			
2	2	1.675	1.672	0.003	15283483	0.0169			
						RPD = 7.86			
3 PCB-1221									
1	2		1.402						
1	3		1.511						
1	4		1.541						
2	4		1.949						
2	5		2.080						
2	6		2.136						
5 PCB-1242									
1	100		1.539						
1	2		1.821						
1	3		2.214						
1	4		2.333						
1	5		2.711						
2	6		2.133						
2	7		2.529						
2	8		2.980						
2	9		3.118						
2	10		3.603						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.540						
1	2		1.822						
1	3		2.214						
1	4		2.333						
1	5		2.712						
2	6		2.135						
2	7		2.530						
2	8		2.979						
2	9		3.117						
2	10		3.727						
6 PCB-1016									
1	100		1.540						
1	2		1.822						
1	3		2.213						
1	4		2.333						
1	5		2.712						
2	6		2.134						
2	7		2.529						
2	8		2.980						
2	9		3.118						
2	10		3.221						
7 PCB-1248									
1	86		1.823						
1	2		2.212						
1	3		2.713						
1	4		3.290						
1	5		3.723						
2	6		2.528						
2	7		2.978						
2	8		3.728						
2	9		4.003						
2	10		4.724						
8 PCB-1254									
1	100		3.076						
1	2		3.722						
1	3		4.005						
1	4		4.196						
1	5		4.478						
2	6		4.248						
2	7		4.725						
2	8		4.968						
2	9		5.328						
2	10		5.532						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.911						
1	2		4.196						
1	3		4.476						
1	4		5.178						
1	5		5.461						
2	6		4.931						
2	7		5.160						
2	8		5.529						
2	9		6.213						
2	10		6.596						
9 PCB-1262									
1	100		4.200						
1	2		4.603						
1	3		4.850						
1	4		5.178						
1	5		5.553						
2	6		5.162						
2	7		5.632						
2	8		5.940						
2	9		6.215						
2	10		6.595						
11 PCB-1268									
1	100		5.511						
1	2		5.549						
1	3		5.749						
1	4		6.125						
1	5		6.424						
2	6		6.593						
2	7		6.639						
2	8		6.905						
2	9		7.219						
2	10		7.563						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.619	0.001	21460702	0.0165			
2	2	7.833	7.833	0.000	18147222	0.0183			
						RPD = 10.32			

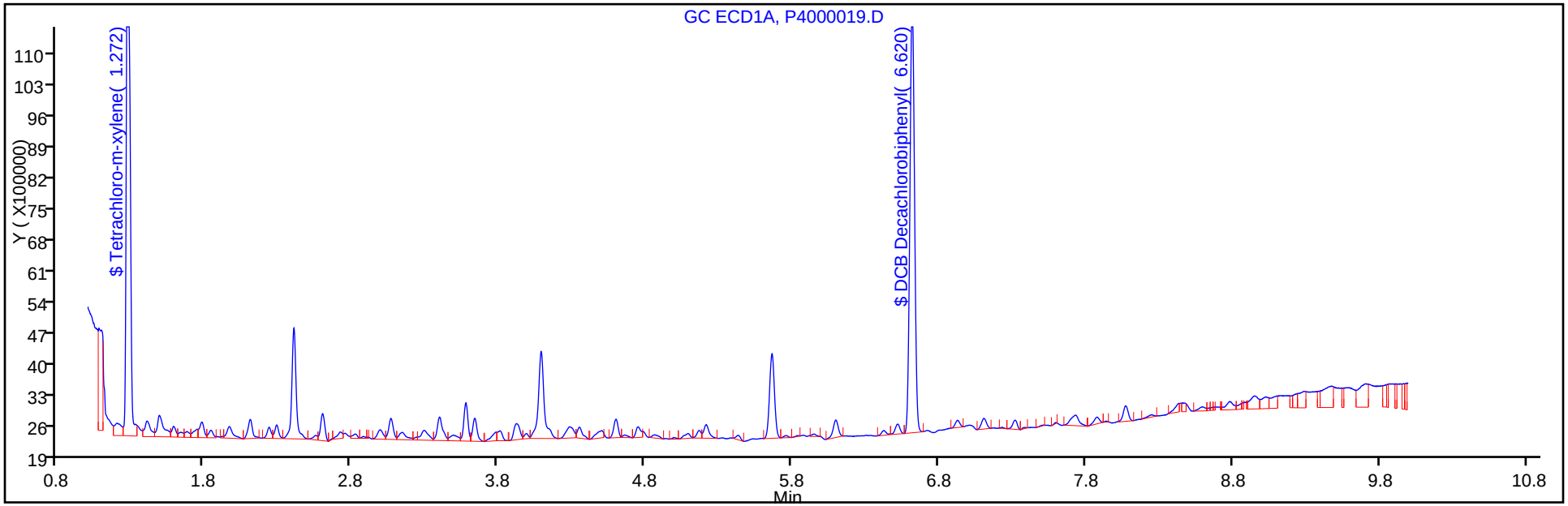
Report Date: 14-Dec-2012 12:25:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

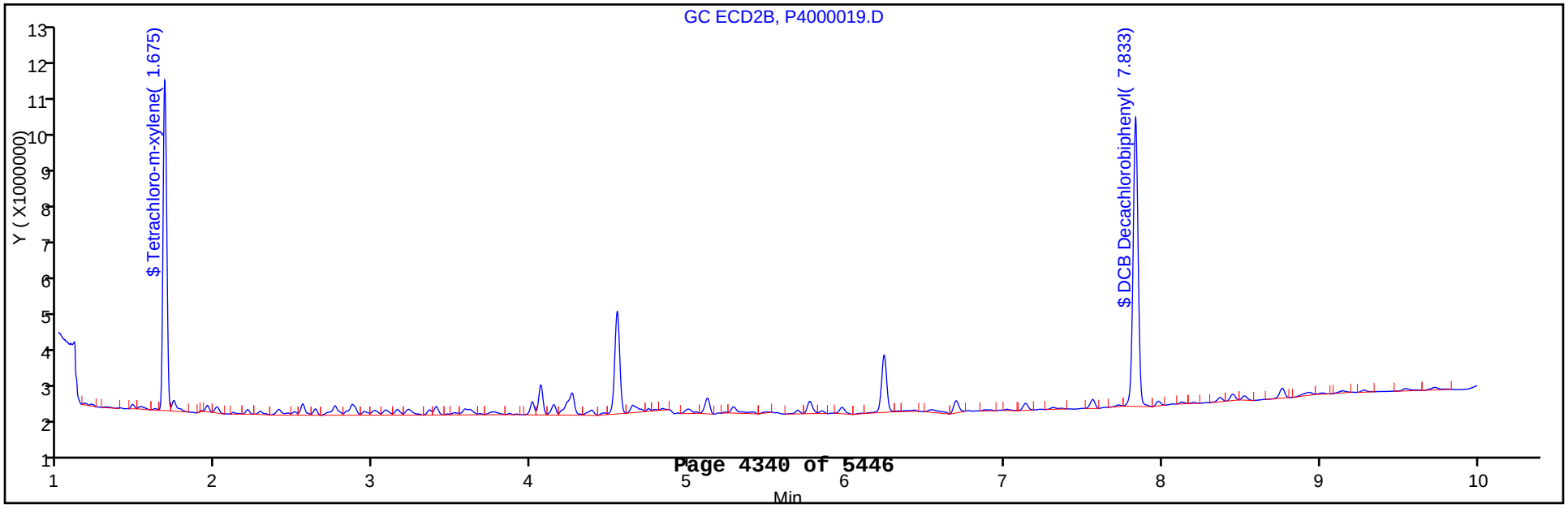
Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000019.D

Injection Date:	14-Dec-2012 08:08:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69187/19-A

Matrix: Solid | Lab File ID: P1300014.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30(g) | Date Analyzed: 12/20/2012 17:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	25	U	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300014.D
Lims ID: MB 240-69187/19-A Client ID:
Inject. Date: 20-Dec-2012 17:24:19 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016044-014
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 14
Lims Batch ID: 69521 Lims Sample ID: 14
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:18 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 11:46:47

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.285	-0.001	33594435	0.0147			
2	2	1.639	1.640	-0.001	22952302	0.0160			
						RPD = 8.19			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
9 PCB-1262									1
1	100		4.461						
1	2		4.892						
1	3		5.155						
1	4		5.508						
1	5		5.907						
2	6		5.370						
2	7		5.869						
2	8		6.194						
2	9		6.491						
2	10		6.892						
11 PCB-1268									
1	100		5.864						
1	2		5.903						
1	3		6.117						
1	4		6.520						
1	5		6.838						
2	6		6.890						
2	7		6.940						
2	8		7.221						
2	9		7.556						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.046	0.002	33228678	0.0142			
2	2	8.205	8.205	0.000	18710786	0.0139			
						RPD = 2.43			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

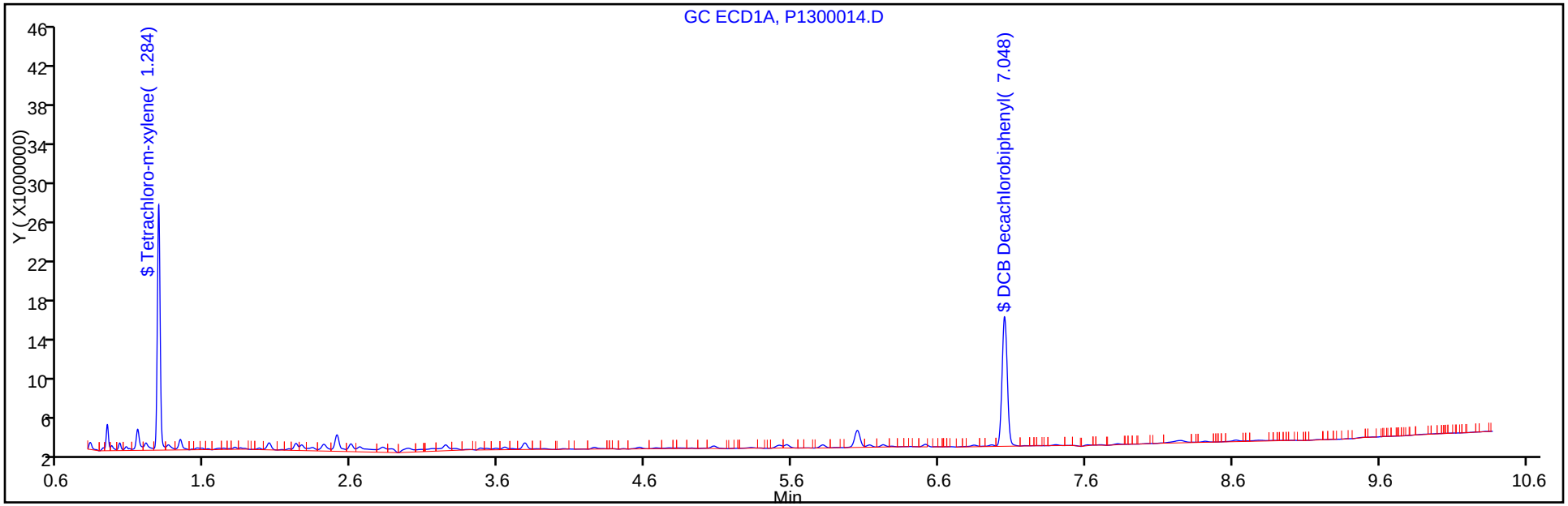
Report Date: 21-Dec-2012 11:50:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

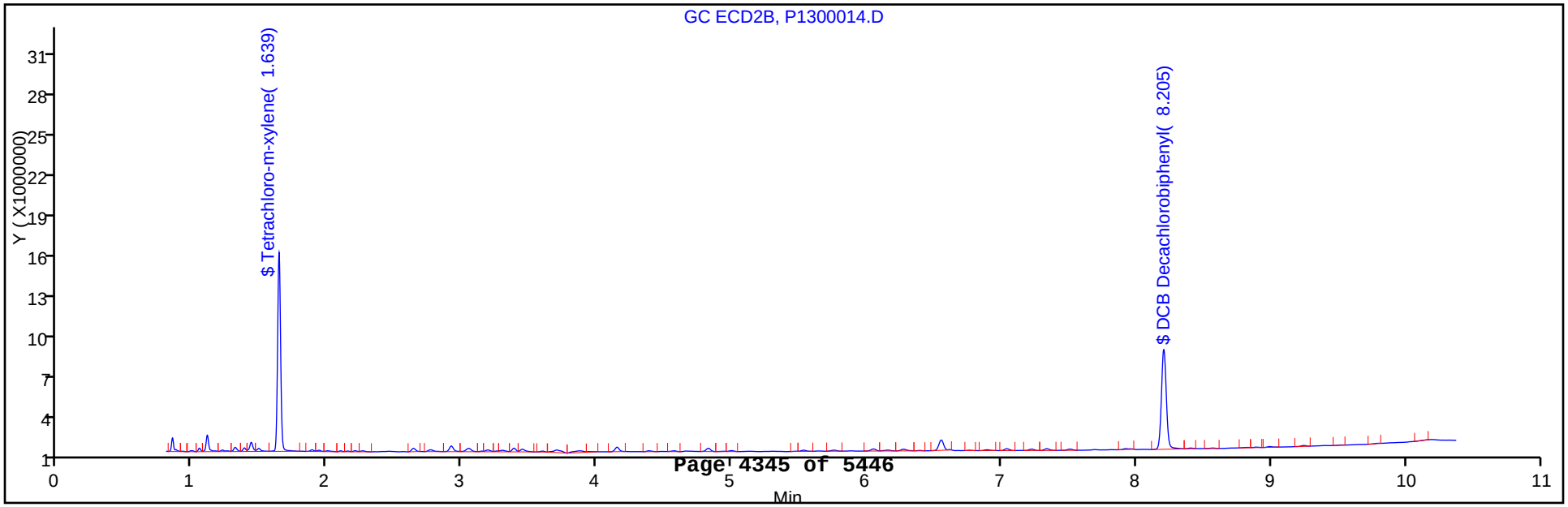
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300014.D

Injection Date:	20-Dec-2012 17:24:19	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69187/19-A

Matrix: Solid Lab File ID: P1300014.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30(g) Date Analyzed: 12/20/2012 17:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	80		40-140
2051-24-3	DCB Decachlorobiphenyl	69		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300014.D
Lims ID: MB 240-69187/19-A Client ID:
Inject. Date: 20-Dec-2012 17:24:19 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016044-014
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 14
Lims Batch ID: 69521 Lims Sample ID: 14
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:18 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 11:46:47

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.285	-0.001	33594435	0.0147			
2	2	1.639	1.640	-0.001	22952302	0.0160			
						RPD = 8.19			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
9 PCB-1262									1
1	100		4.461						
1	2		4.892						
1	3		5.155						
1	4		5.508						
1	5		5.907						
2	6		5.370						
2	7		5.869						
2	8		6.194						
2	9		6.491						
2	10		6.892						
11 PCB-1268									
1	100		5.864						
1	2		5.903						
1	3		6.117						
1	4		6.520						
1	5		6.838						
2	6		6.890						
2	7		6.940						
2	8		7.221						
2	9		7.556						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.046	0.002	33228678	0.0142			
2	2	8.205	8.205	0.000	18710786	0.0139			
						RPD = 2.43			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

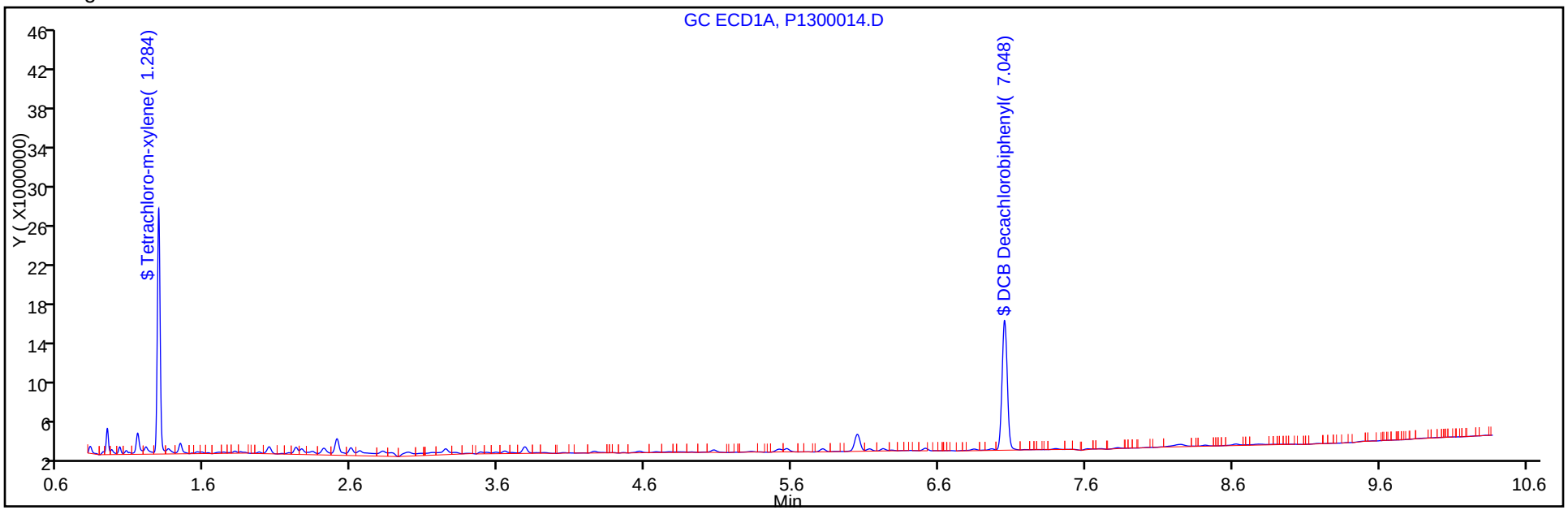
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TestAmerica Canton

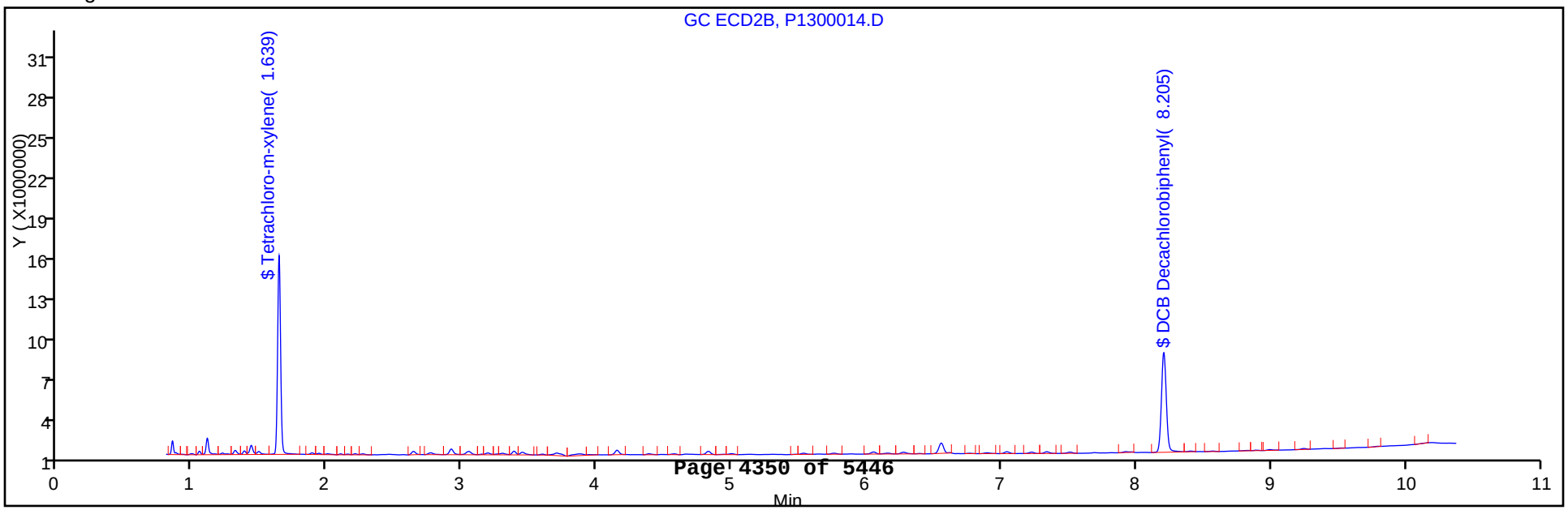
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Injection Date:	20-Dec-2012 17:24:19	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68401/23-A

Matrix: Solid Lab File ID: P4000031.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 12/12/2012 13:49

Sample wt/vol: 30.00(g) Date Analyzed: 12/14/2012 11:16

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 68676 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		40-140
2051-24-3	DCB Decachlorobiphenyl	62		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000031.D
Lims ID: LCS 240-68401/23-A Client ID:
Inject. Date: 14-Dec-2012 11:16:48 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015842-031
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 31
Lims Batch ID: 68676 Lims Sample ID: 31
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m
Last Update: 14-Dec-2012 12:25:53 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK020

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.272	1.271	0.001	20459874	0.0147			
2	2	1.675	1.675	0.000	13467452	0.0149			
						RPD = 1.45			
6 PCB-1016									
1	100	1.542	1.543	-0.001	16390222	0.6635		100.0	
1	2	1.825	1.825	0.000	31057344	0.7034	152.4- 202.4	189.5	
1	3	2.216	2.216	0.000	68736838	0.7535	334.6- 384.6	419.4	
1	4	2.336	2.336	0.000	28596837	0.7072	125.4- 195.4	174.5	
1	5	2.715	2.714	0.001	28524132	0.7042	136.2- 186.2	174.0	
			Average of Peak Amounts =			0.7064			
2	6	2.137	2.137	0.000	10646777	0.6735		100.0	
2	7	2.533	2.531	0.002	22602364	0.7189	169.0- 229.0	212.3	
2	8	2.982	2.981	0.001	45852374	0.7255	361.2- 421.2	430.7	
2	9	3.121	3.120	0.001	18548040	0.6718	144.4- 204.4	174.2	
2	10	3.223	3.222	0.001	14315466	0.6553	108.9- 168.9	134.5	
			Average of Peak Amounts =			0.6890			
						RPD = 2.49			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.911	0.002	41094828	0.6925		100.0	
1	2	4.199	4.198	0.001	73239667	0.6820	156.3- 206.3	178.2	
1	3	4.478	4.477	0.001	74743817	0.6778	159.6- 209.6	181.9	
1	4	5.179	5.179	0.000	82783726	0.6644	183.4- 233.4	201.4	
1	5	5.463	5.461	0.002	42330816	0.6365	87.0- 137.0	103.0	
			Average of Peak Amounts =			0.6706			
2	6	4.933	4.932	0.001	28378982	0.6233		100.0	
2	7	5.162	5.161	0.001	33673090	0.6169	86.9- 146.9	118.7	
2	8	5.529	5.530	-0.001	50424701	0.6253	145.2- 205.2	177.7	
2	9	6.214	6.214	0.000	63790070	0.6590	177.4- 237.4	224.8	
2	10	6.597	6.595	0.002	45481279	0.6334	125.7- 185.7	160.3	
			Average of Peak Amounts =			0.6316			
						RPD = 5.99			
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.618	0.003	16169832	0.0124			
2	2	7.834	7.832	0.002	12973601	0.0131			
						RPD = 5.08			

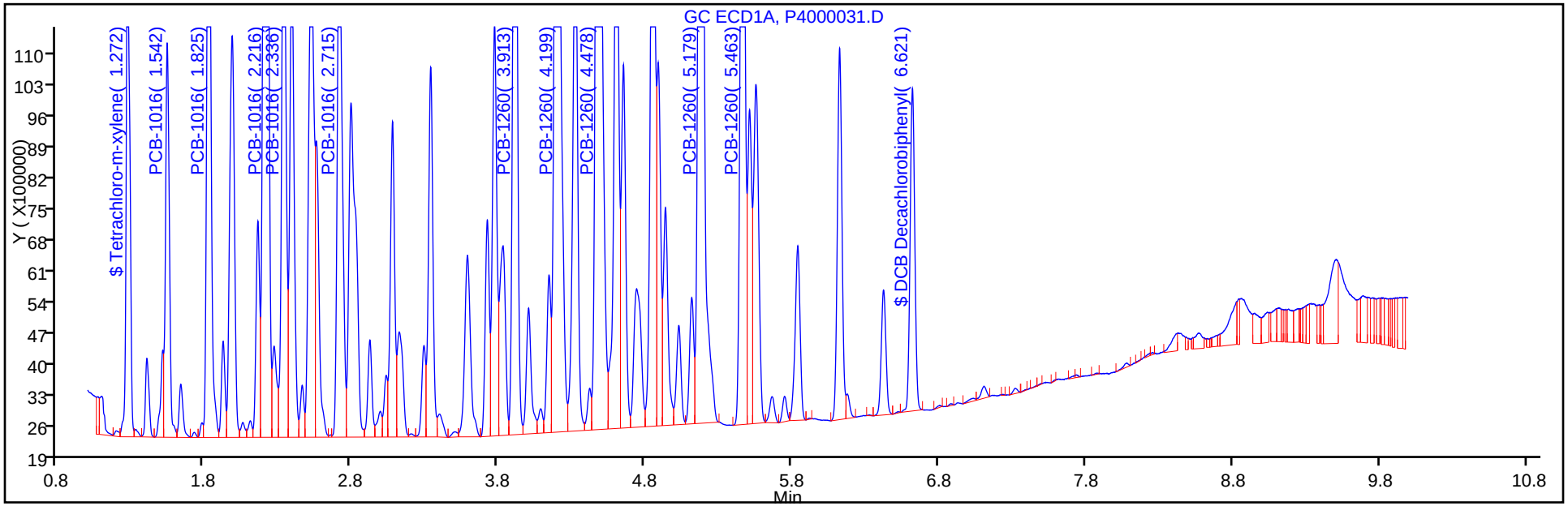
Report Date: 14-Dec-2012 12:26:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

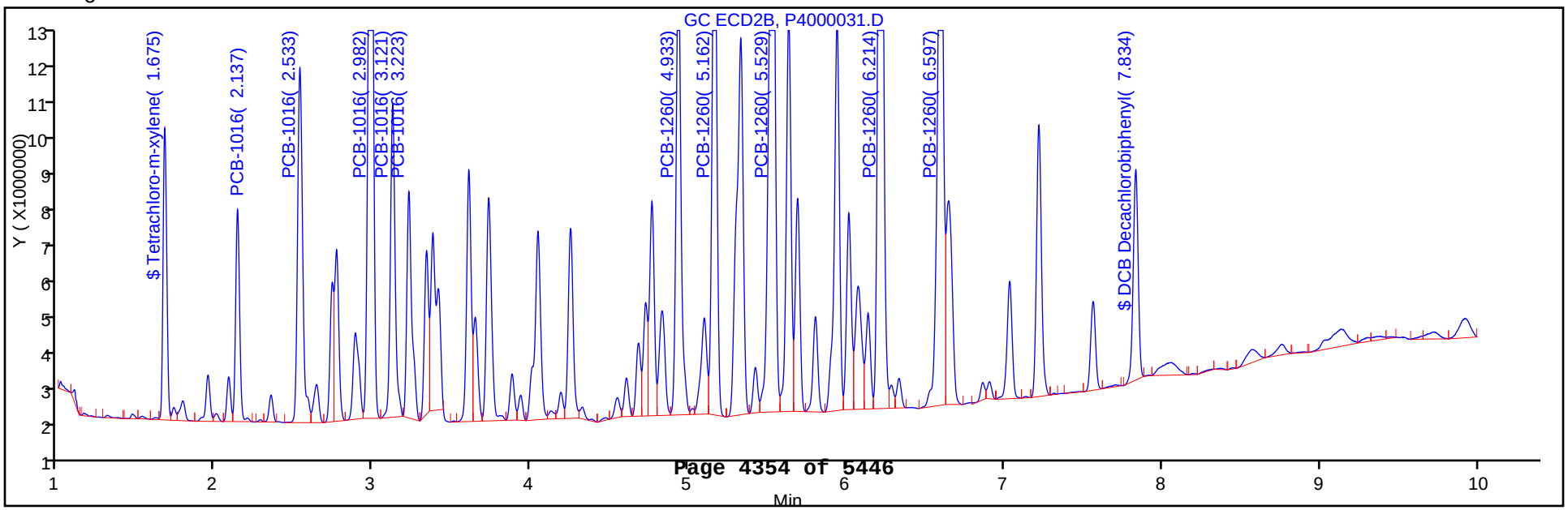
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Injection Date:	14-Dec-2012 11:16:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68401/23-A

Matrix: Solid | Lab File ID: P4000031.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/12/2012 13:49

Sample wt/vol: 30.00(g) | Date Analyzed: 12/14/2012 11:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68676 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	230		65	25	21
11096-82-5	Aroclor-1260	211		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		40-140
2051-24-3	DCB Decachlorobiphenyl	65		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000031.D
Lims ID: LCS 240-68401/23-A Client ID:
Inject. Date: 14-Dec-2012 11:16:48 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015842-031
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 31
Lims Batch ID: 68676 Lims Sample ID: 31
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m
Last Update: 14-Dec-2012 12:25:53 Calib Date: 04-Dec-2012 19:18:24
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK020

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.272	1.271	0.001	20459874	0.0147			
2	2	1.675	1.675	0.000	13467452	0.0149			
						RPD = 1.45			
6 PCB-1016									
1	100	1.542	1.543	-0.001	16390222	0.6635		100.0	
1	2	1.825	1.825	0.000	31057344	0.7034	152.4- 202.4	189.5	
1	3	2.216	2.216	0.000	68736838	0.7535	334.6- 384.6	419.4	
1	4	2.336	2.336	0.000	28596837	0.7072	125.4- 195.4	174.5	
1	5	2.715	2.714	0.001	28524132	0.7042	136.2- 186.2	174.0	
			Average of Peak Amounts =			0.7064			
2	6	2.137	2.137	0.000	10646777	0.6735		100.0	
2	7	2.533	2.531	0.002	22602364	0.7189	169.0- 229.0	212.3	
2	8	2.982	2.981	0.001	45852374	0.7255	361.2- 421.2	430.7	
2	9	3.121	3.120	0.001	18548040	0.6718	144.4- 204.4	174.2	
2	10	3.223	3.222	0.001	14315466	0.6553	108.9- 168.9	134.5	
			Average of Peak Amounts =			0.6890			
						RPD = 2.49			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.911	0.002	41094828	0.6925		100.0	
1	2	4.199	4.198	0.001	73239667	0.6820	156.3- 206.3	178.2	
1	3	4.478	4.477	0.001	74743817	0.6778	159.6- 209.6	181.9	
1	4	5.179	5.179	0.000	82783726	0.6644	183.4- 233.4	201.4	
1	5	5.463	5.461	0.002	42330816	0.6365	87.0- 137.0	103.0	
			Average of Peak Amounts =			0.6706			
2	6	4.933	4.932	0.001	28378982	0.6233		100.0	
2	7	5.162	5.161	0.001	33673090	0.6169	86.9- 146.9	118.7	
2	8	5.529	5.530	-0.001	50424701	0.6253	145.2- 205.2	177.7	
2	9	6.214	6.214	0.000	63790070	0.6590	177.4- 237.4	224.8	
2	10	6.597	6.595	0.002	45481279	0.6334	125.7- 185.7	160.3	
			Average of Peak Amounts =			0.6316			
						RPD = 5.99			
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.618	0.003	16169832	0.0124			
2	2	7.834	7.832	0.002	12973601	0.0131			
						RPD = 5.08			

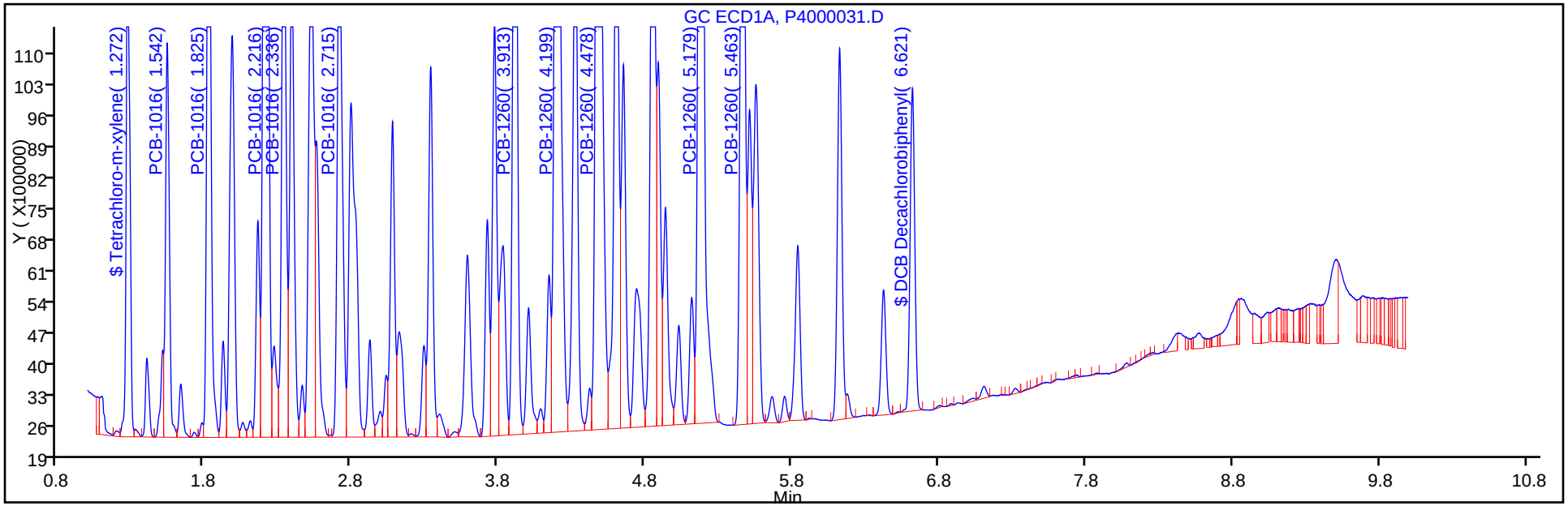
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TestAmerica Canton

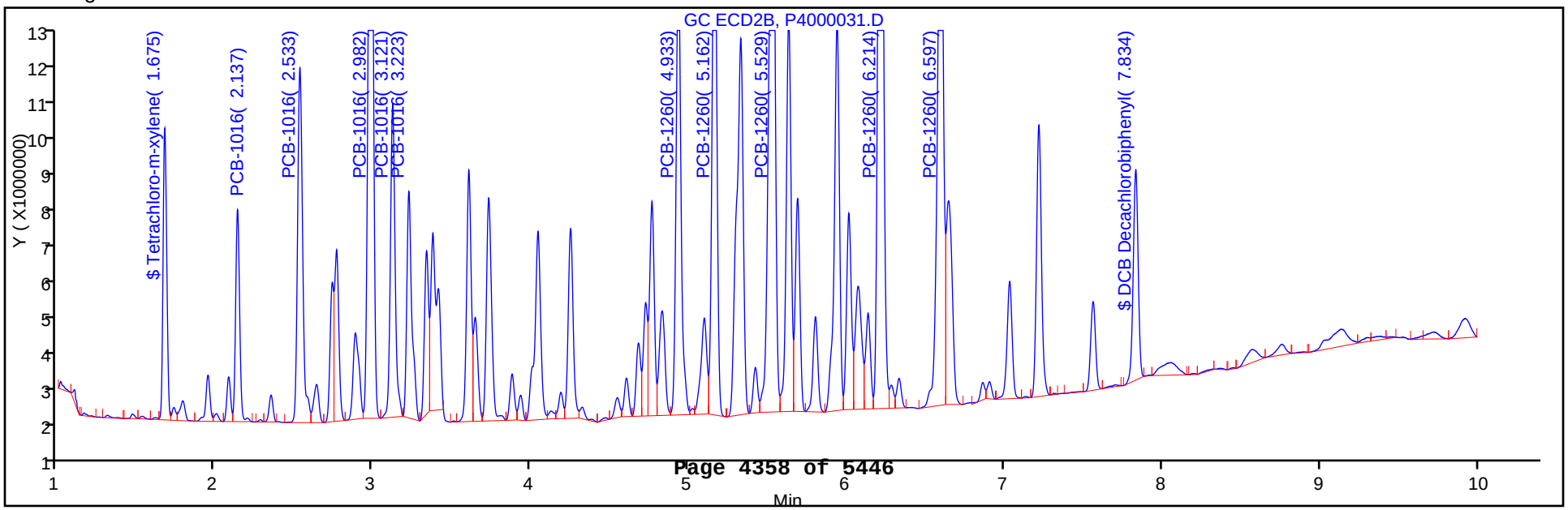
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Injection Date:	14-Dec-2012 11:16:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69187/20-A

Matrix: Solid | Lab File ID: P1300025.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30(g) | Date Analyzed: 12/20/2012 20:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	248		65	25	21
11096-82-5	Aroclor-1260	240		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	87		40-140
2051-24-3	DCB Decachlorobiphenyl	82		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300025.D
Lims ID: LCS 240-69187/20-A Client ID:
Inject. Date: 20-Dec-2012 20:09:00 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016044-025
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 25
Lims Batch ID: 69521 Lims Sample ID: 25
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 12:29:32 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 12:29:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	39749405	0.0174			
2	2	1.639	1.638	0.001	28768133	0.0200			
						RPD = 13.93			
6 PCB-1016									M
1	100	1.580	1.579	0.001	29606690	0.7282		100.0	
1	2	1.888	1.887	0.001	56681771	0.7886	149.3- 199.3	191.4	M
1	3	2.314	2.313	0.001	116690851	0.7518	350.2- 400.2	394.1	M
1	4	2.445	2.444	0.001	48204503	0.7477	130.7- 180.7	162.8	M
1	5	2.859	2.856	0.003	47990496	0.7073	137.9- 187.9	162.1	M
			Average of Peak Amounts =			0.7447			
2	6	2.132	2.132	0.000	18913512	0.8416		100.0	
2	7	2.555	2.555	0.000	40921963	0.8723	176.5- 236.5	216.4	
2	8	3.037	3.037	0.000	82268857	0.9055	362.5- 422.5	435.0	
2	9	3.185	3.184	0.001	36519451	0.9433	137.9- 197.9	193.1	
2	10	3.836	3.837	-0.001	27587170	0.7649	118.8- 178.8	145.9	
			Average of Peak Amounts =			0.8655			
						RPD = 15.00			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.151	-0.001	74909345	0.7391		100.0	
1	2	4.460	4.460	0.000	136630823	0.6810	175.1- 225.1	182.4	
1	3	4.759	4.759	0.000	151110087	0.7554	173.2- 223.2	201.7	
1	4	5.510	5.509	0.001	198747115	0.7312	244.1- 294.1	265.3	
1	5	5.812	5.813	-0.001	89750211	0.6949	101.5- 151.5	119.8	
			Average of Peak Amounts =			0.7203			
2	6	5.123	5.123	0.000	52118249	0.7820		100.0	
2	7	5.370	5.372	-0.002	60998187	0.8254	86.6- 146.6	117.0	
2	8	5.758	5.759	-0.001	94481414	0.8087	142.9- 202.9	181.3	
2	9	6.491	6.491	0.000	117020041	0.8224	179.5- 239.5	224.5	
2	10	6.894	6.893	0.001	77799492	0.7471	121.8- 181.8	149.3	
			Average of Peak Amounts =			0.7971			
						RPD = 10.12			
$ 12 DCB Decachlorobiphenyl									M
1	100	7.048	7.048	0.000	38339925	0.0164			
2	2	8.207	8.205	0.002	19399623	0.0144			M
						RPD = 13.10			

QC Flag Legend

Review Flags
M - Manually Integrated

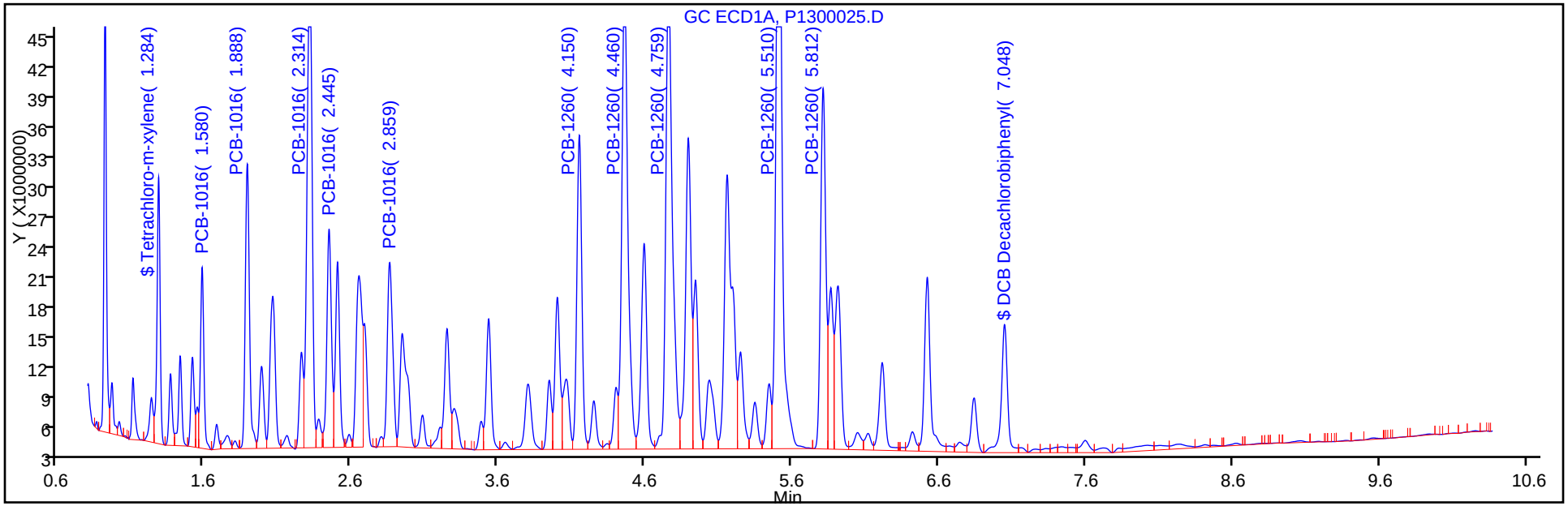
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TestAmerica Canton

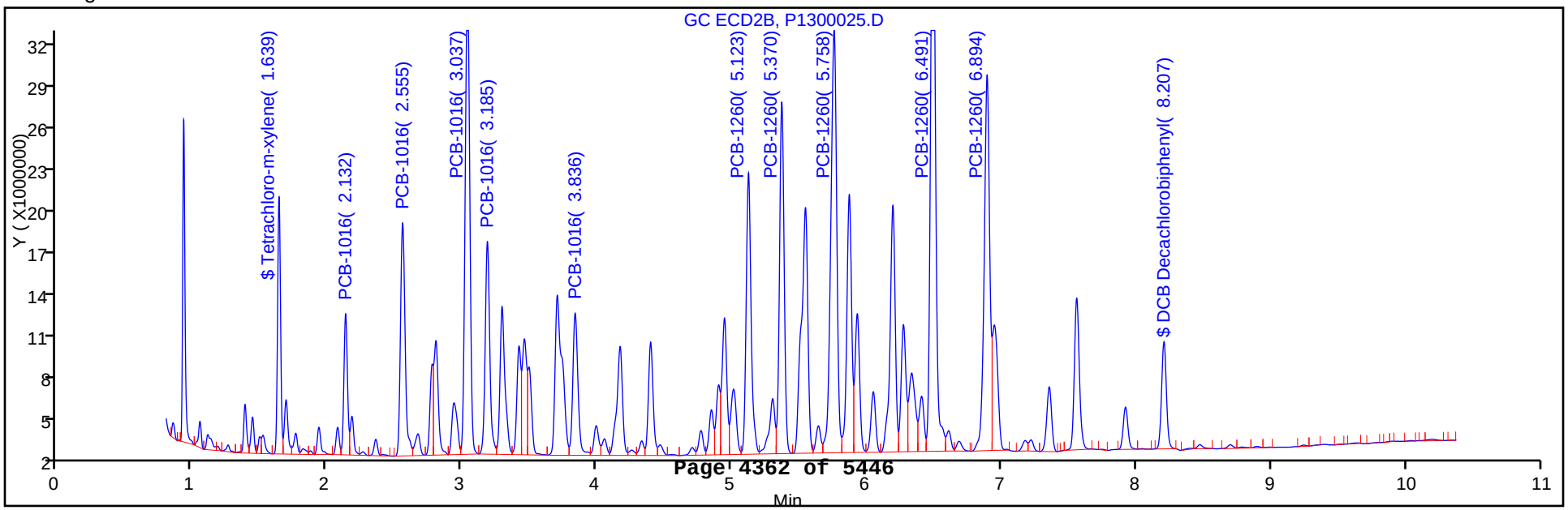
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Injection Date:	20-Dec-2012 20:09:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



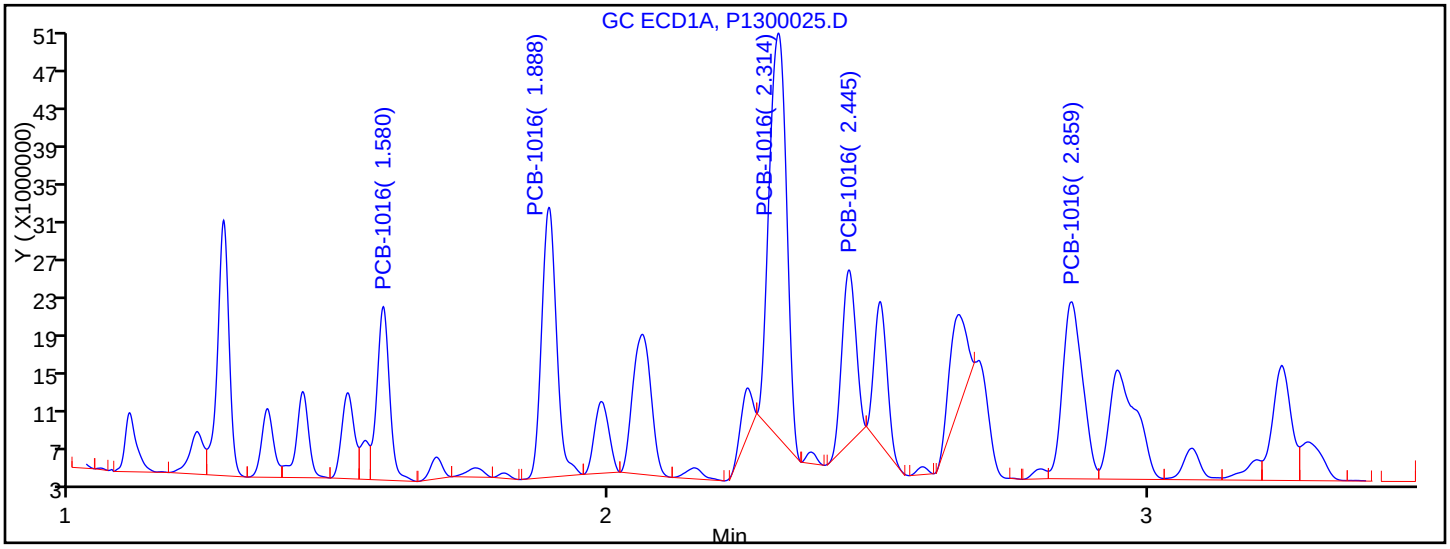
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TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300025.D

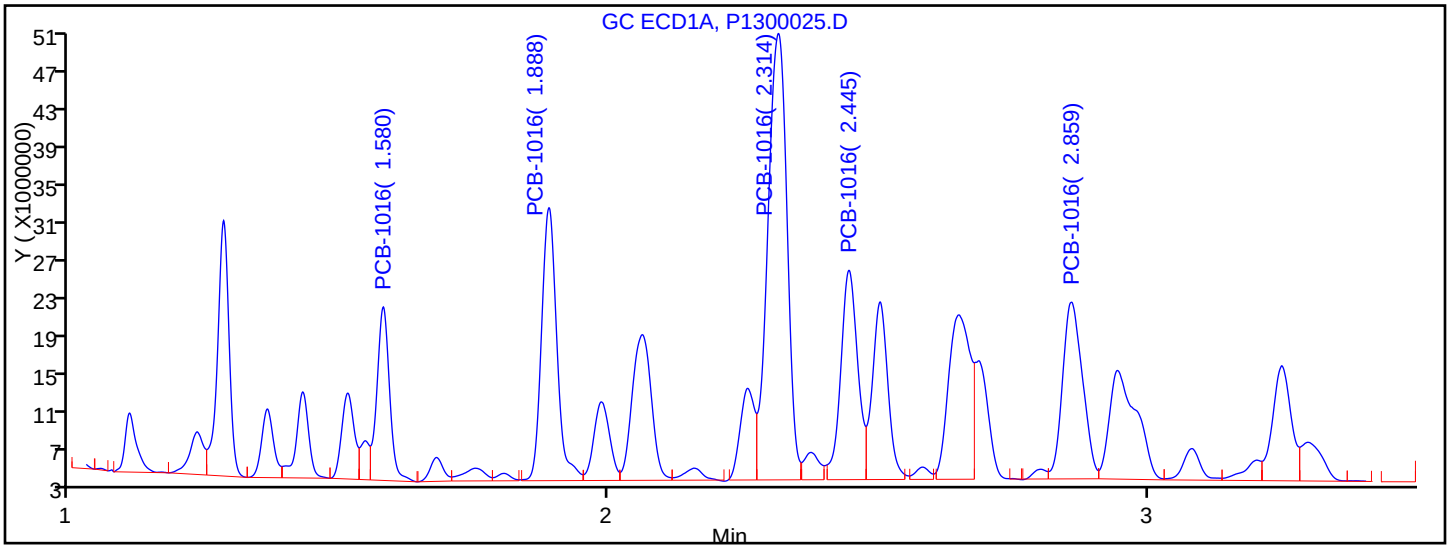
Injection Date:	20-Dec-2012 20:09:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.580	Response = 29606690	
RT = 1.888	Response = 54276328	M
RT = 2.314	Response = 95262372	M
RT = 2.445	Response = 32924472	M
RT = 2.859	Response = 48162828	M



Manual Integration Results

RT = 1.580	Response = 29606690	
RT = 1.888	Response = 56681771	M
RT = 2.314	Response = 116690851	M
RT = 2.445	Response = 48204503	M
RT = 2.859	Response = 47990496	M

Reviewer: hassl, 21-Dec-2012 11:48:30

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69187/20-A

Matrix: Solid | Lab File ID: P1300025.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30(g) | Date Analyzed: 12/20/2012 20:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	100		40-140
2051-24-3	DCB Decachlorobiphenyl	72	*M*	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300025.D
Lims ID: LCS 240-69187/20-A Client ID:
Inject. Date: 20-Dec-2012 20:09:00 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016044-025
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 25
Lims Batch ID: 69521 Lims Sample ID: 25
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 12:29:32 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 12:29:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	39749405	0.0174			
2	2	1.639	1.638	0.001	28768133	0.0200			
						RPD = 13.93			
6 PCB-1016									M
1	100	1.580	1.579	0.001	29606690	0.7282		100.0	
1	2	1.888	1.887	0.001	56681771	0.7886	149.3- 199.3	191.4	M
1	3	2.314	2.313	0.001	116690851	0.7518	350.2- 400.2	394.1	M
1	4	2.445	2.444	0.001	48204503	0.7477	130.7- 180.7	162.8	M
1	5	2.859	2.856	0.003	47990496	0.7073	137.9- 187.9	162.1	M
			Average of Peak Amounts =			0.7447			
2	6	2.132	2.132	0.000	18913512	0.8416		100.0	
2	7	2.555	2.555	0.000	40921963	0.8723	176.5- 236.5	216.4	
2	8	3.037	3.037	0.000	82268857	0.9055	362.5- 422.5	435.0	
2	9	3.185	3.184	0.001	36519451	0.9433	137.9- 197.9	193.1	
2	10	3.836	3.837	-0.001	27587170	0.7649	118.8- 178.8	145.9	
			Average of Peak Amounts =			0.8655			
						RPD = 15.00			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.151	-0.001	74909345	0.7391		100.0	
1	2	4.460	4.460	0.000	136630823	0.6810	175.1- 225.1	182.4	
1	3	4.759	4.759	0.000	151110087	0.7554	173.2- 223.2	201.7	
1	4	5.510	5.509	0.001	198747115	0.7312	244.1- 294.1	265.3	
1	5	5.812	5.813	-0.001	89750211	0.6949	101.5- 151.5	119.8	
			Average of Peak Amounts =			0.7203			
2	6	5.123	5.123	0.000	52118249	0.7820		100.0	
2	7	5.370	5.372	-0.002	60998187	0.8254	86.6- 146.6	117.0	
2	8	5.758	5.759	-0.001	94481414	0.8087	142.9- 202.9	181.3	
2	9	6.491	6.491	0.000	117020041	0.8224	179.5- 239.5	224.5	
2	10	6.894	6.893	0.001	77799492	0.7471	121.8- 181.8	149.3	
			Average of Peak Amounts =			0.7971			
						RPD = 10.12			
$ 12 DCB Decachlorobiphenyl									M
1	100	7.048	7.048	0.000	38339925	0.0164			
2	2	8.207	8.205	0.002	19399623	0.0144			M
						RPD = 13.10			

QC Flag Legend

Review Flags
M - Manually Integrated

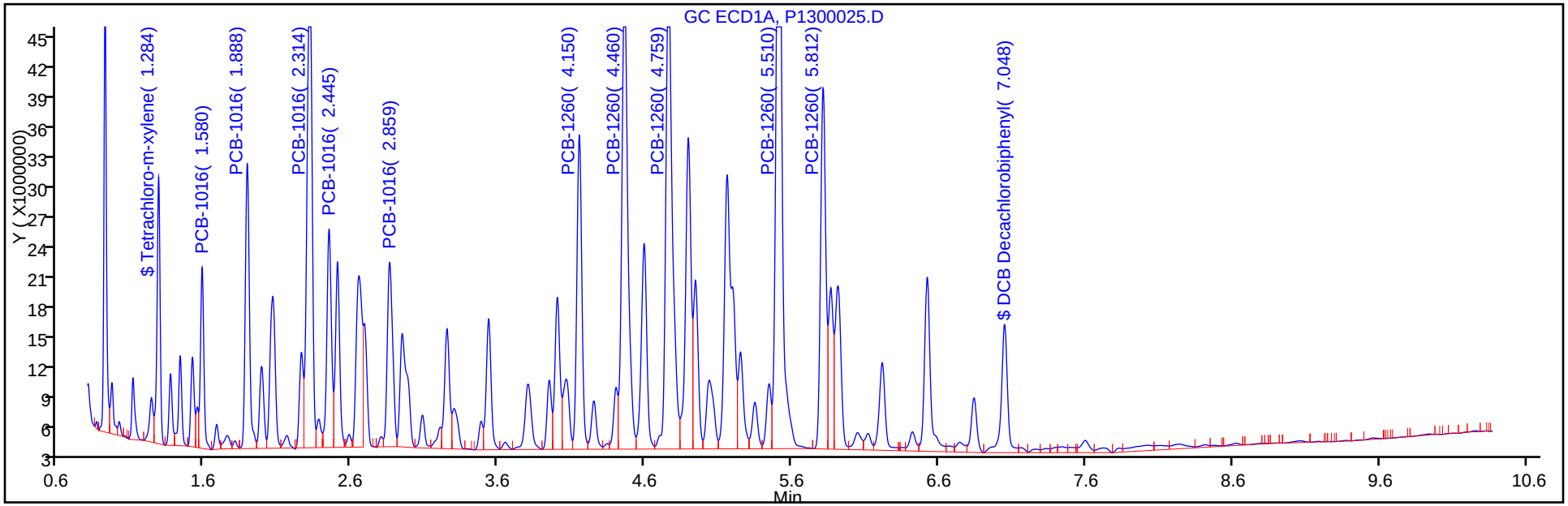
Report Date: 21-Dec-2012 12:29:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

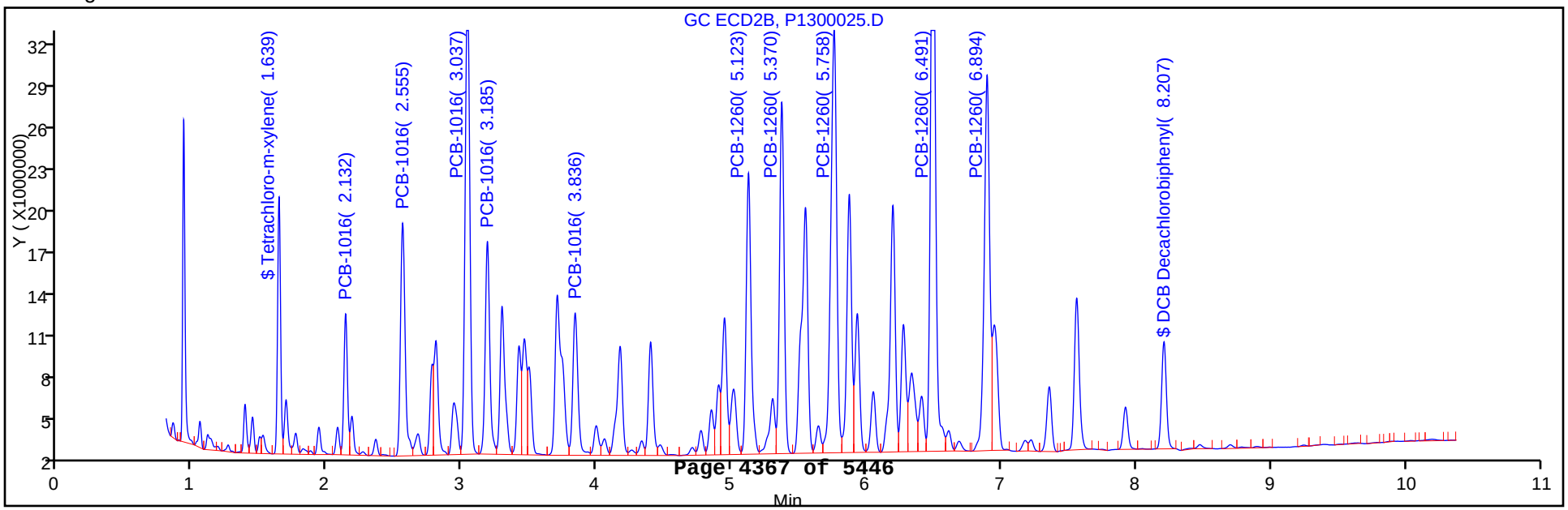
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300025.D

Injection Date:	20-Dec-2012 20:09:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

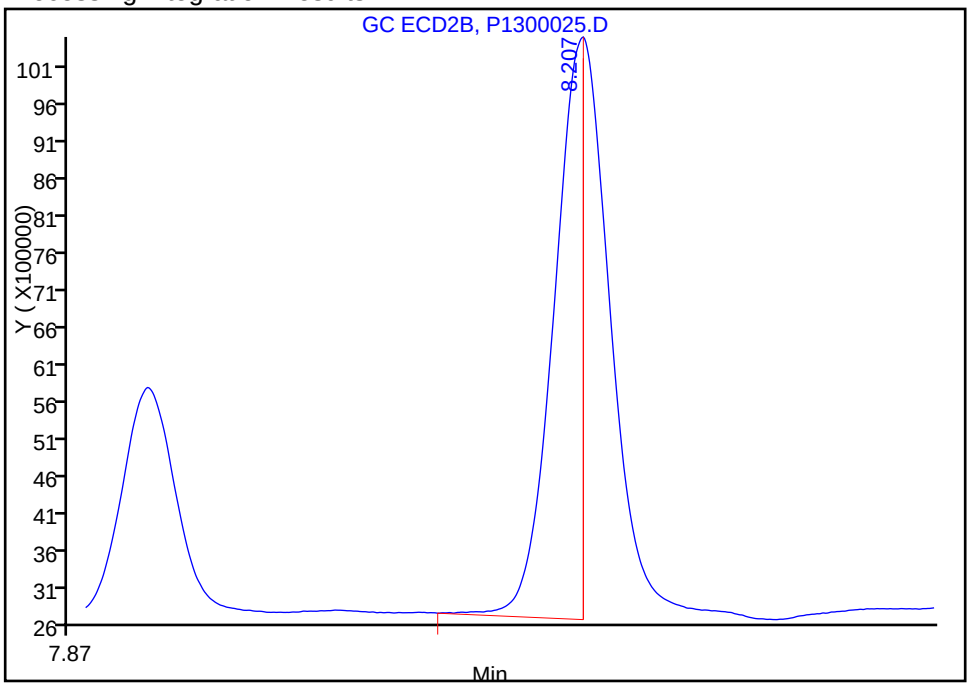
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300025.D		
Injection Date:	20-Dec-2012 20:09:00	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

$ 12 DCB Decachlorobiphenyl, Signal: 2, Type: quant, RT: 8.21, Det: GC ecd2b

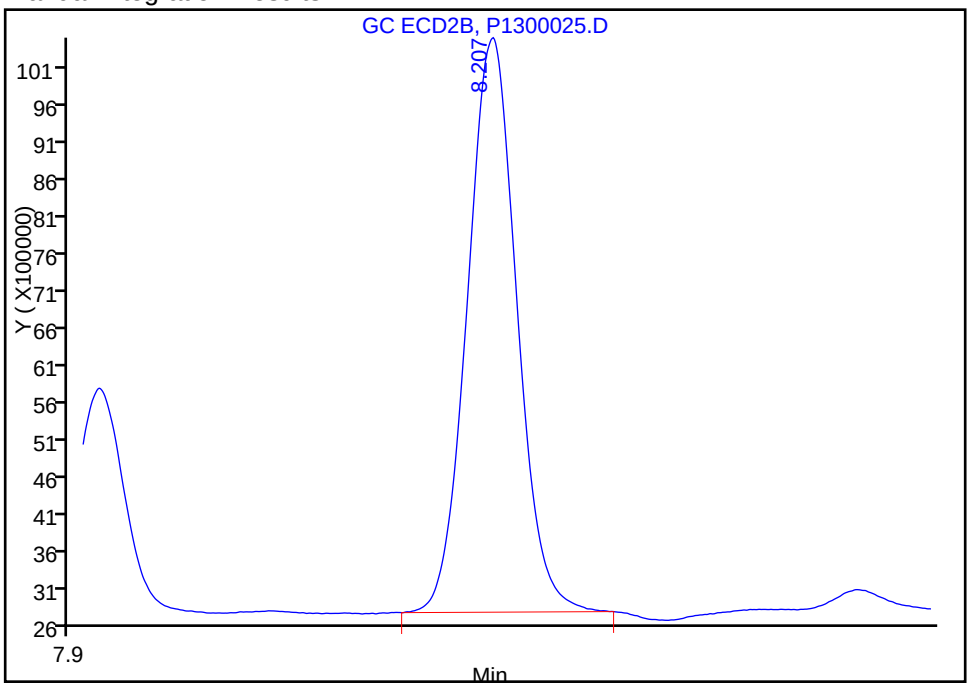
Processing Integration Results

RT: 8.21
Response: 10281307
Amount: 0.007633



Manual Integration Results

RT: 8.21
Response: 19399623
Amount: 0.014403



Reviewer: hassl, 21-Dec-2012 12:29:32
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-68676/10

Matrix: Solid Lab File ID: P4000010.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/14/2012 05:46

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 68676 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0544*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0541*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	102		50-150
2051-24-3	DCB Decachlorobiphenyl	114		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000010.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	14-Dec-2012 05:46:37	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015842-010		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	10
Lims Batch ID:	68676	Lims Sample ID:	10
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m		
Last Update:	14-Dec-2012 12:25:42	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK020		
First Level Reviewer: hassl		Date:	14-Dec-2012 10:42:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.270	0.001	3545760	0.002544			
2	2	1.675	1.672	0.003	2506306	0.002772			
						RPD = 8.57			
3 PCB-1221									
1	2		1.402						
1	3		1.511						
1	4		1.541						
2	4		1.949						
2	5		2.080						
2	6		2.136						
5 PCB-1242									
1	100		1.539						
1	2		1.821						
1	3		2.214						
1	4		2.333						
1	5		2.711						
2	6		2.133						
2	7		2.529						
2	8		2.980						
2	9		3.118						
2	10		3.603						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.540						
1	2		1.822						
1	3		2.214						
1	4		2.333						
1	5		2.712						
2	6		2.135						
2	7		2.530						
2	8		2.979						
2	9		3.117						
2	10		3.727						
6 PCB-1016									
1	100	1.543	1.540	0.003	1437087	0.0582		100.0	
1	2	1.826	1.822	0.004	2510313	0.0569	152.4- 202.4	174.7	
1	3	2.215	2.213	0.002	4686653	0.0514	334.6- 384.6	326.1	
1	4	2.337	2.333	0.004	2031384	0.0502	125.4- 195.4	141.4	
1	5	2.715	2.712	0.003	2238781	0.0553	136.2- 186.2	155.8	
			Average of Peak Amounts =			0.0544			
2	6	2.136	2.134	0.002	991256	0.0627		100.0	
2	7	2.532	2.529	0.003	1972506	0.0627	169.0- 229.0	199.0	
2	8	2.981	2.980	0.001	3733847	0.0591	361.2- 421.2	376.7	
2	9	3.120	3.118	0.002	1706166	0.0618	144.4- 204.4	172.1	
2	10	3.223	3.221	0.002	1238657	0.0567	108.9- 168.9	125.0	
			Average of Peak Amounts =			0.0606			
						RPD = 10.82			
7 PCB-1248									
1	86		1.823						
1	2		2.212						
1	3		2.713						
1	4		3.290						
1	5		3.723						
2	6		2.528						
2	7		2.978						
2	8		3.728						
2	9		4.003						
2	10		4.724						
8 PCB-1254									
1	100		3.076						
1	2		3.722						
1	3		4.005						
1	4		4.196						
1	5		4.478						
2	6		4.248						
2	7		4.725						
2	8		4.968						
2	9		5.328						
2	10		5.532						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.912	3.911	0.001	3340704	0.0563		100.0	
1	2	4.198	4.196	0.002	5985352	0.0557	156.3- 206.3	179.2	
1	3	4.479	4.476	0.003	5914207	0.0536	159.6- 209.6	177.0	
1	4	5.178	5.178	0.000	6451529	0.0518	183.4- 233.4	193.1	
1	5	5.461	5.461	0.000	3514146	0.0528	87.0- 137.0	105.2	
			Average of Peak Amounts =			0.0541			
2	6	4.933	4.931	0.002	2664910	0.0585		100.0	
2	7	5.161	5.160	0.001	3206131	0.0587	86.9- 146.9	120.3	
2	8	5.528	5.529	-0.001	4564102	0.0566	145.2- 205.2	171.3	
2	9	6.214	6.213	0.001	5631825	0.0582	177.4- 237.4	211.3	
2	10	6.596	6.596	0.000	4178845	0.0582	125.7- 185.7	156.8	
			Average of Peak Amounts =			0.0581			
						RPD = 7.13			
9 PCB-1262									
1	100		4.200						
1	2		4.603						
1	3		4.850						
1	4		5.178						
1	5		5.553						
2	6		5.162						
2	7		5.632						
2	8		5.940						
2	9		6.215						
2	10		6.595						
11 PCB-1268									
1	100		5.511						
1	2		5.549						
1	3		5.749						
1	4		6.125						
1	5		6.424						
2	6		6.593						
2	7		6.639						
2	8		6.905						
2	9		7.219						
2	10		7.563						
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.619	0.002	3697071	0.002844			
2	2	7.834	7.833	0.001	3094388	0.003122			
						RPD = 9.30			

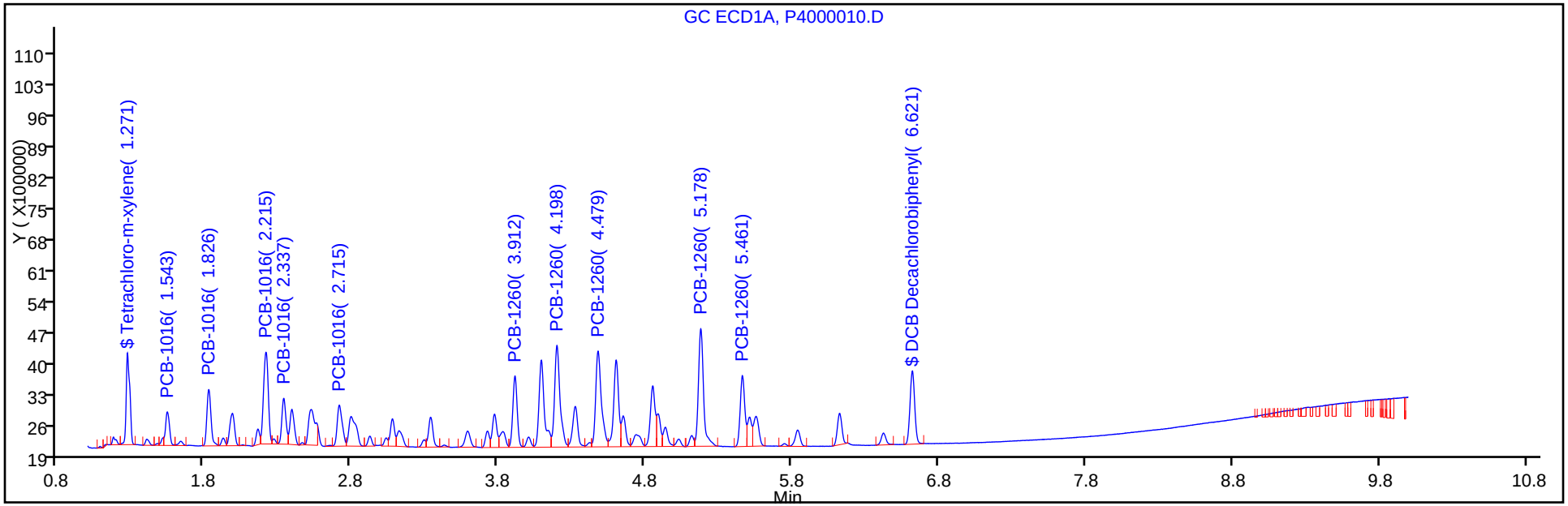
Report Date: 14-Dec-2012 12:25:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

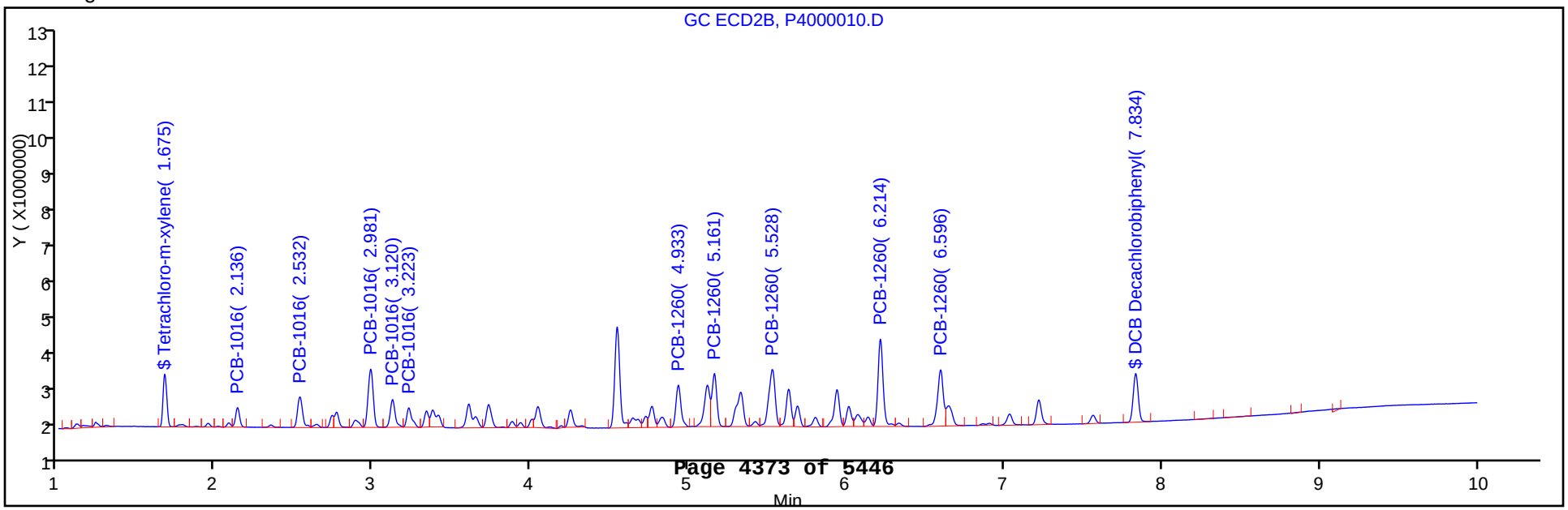
Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000010.D

Injection Date:	14-Dec-2012 05:46:37	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68676/10

Matrix: Solid | Lab File ID: P4000010.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/14/2012 05:46

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68676 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0606		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0581		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	111		50-150
2051-24-3	DCB Decachlorobiphenyl	125		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000010.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	14-Dec-2012 05:46:37	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015842-010		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	10
Lims Batch ID:	68676	Lims Sample ID:	10
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m		
Last Update:	14-Dec-2012 12:25:42	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK020		
First Level Reviewer: hassl		Date:	14-Dec-2012 10:42:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.270	0.001	3545760	0.002544			
2	2	1.675	1.672	0.003	2506306	0.002772			
						RPD = 8.57			
3 PCB-1221									
1	2		1.402						
1	3		1.511						
1	4		1.541						
2	4		1.949						
2	5		2.080						
2	6		2.136						
5 PCB-1242									
1	100		1.539						
1	2		1.821						
1	3		2.214						
1	4		2.333						
1	5		2.711						
2	6		2.133						
2	7		2.529						
2	8		2.980						
2	9		3.118						
2	10		3.603						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.540						
1	2		1.822						
1	3		2.214						
1	4		2.333						
1	5		2.712						
2	6		2.135						
2	7		2.530						
2	8		2.979						
2	9		3.117						
2	10		3.727						
6 PCB-1016									
1	100	1.543	1.540	0.003	1437087	0.0582		100.0	
1	2	1.826	1.822	0.004	2510313	0.0569	152.4- 202.4	174.7	
1	3	2.215	2.213	0.002	4686653	0.0514	334.6- 384.6	326.1	
1	4	2.337	2.333	0.004	2031384	0.0502	125.4- 195.4	141.4	
1	5	2.715	2.712	0.003	2238781	0.0553	136.2- 186.2	155.8	
			Average of Peak Amounts =			0.0544			
2	6	2.136	2.134	0.002	991256	0.0627		100.0	
2	7	2.532	2.529	0.003	1972506	0.0627	169.0- 229.0	199.0	
2	8	2.981	2.980	0.001	3733847	0.0591	361.2- 421.2	376.7	
2	9	3.120	3.118	0.002	1706166	0.0618	144.4- 204.4	172.1	
2	10	3.223	3.221	0.002	1238657	0.0567	108.9- 168.9	125.0	
			Average of Peak Amounts =			0.0606			
						RPD = 10.82			
7 PCB-1248									
1	86		1.823						
1	2		2.212						
1	3		2.713						
1	4		3.290						
1	5		3.723						
2	6		2.528						
2	7		2.978						
2	8		3.728						
2	9		4.003						
2	10		4.724						
8 PCB-1254									
1	100		3.076						
1	2		3.722						
1	3		4.005						
1	4		4.196						
1	5		4.478						
2	6		4.248						
2	7		4.725						
2	8		4.968						
2	9		5.328						
2	10		5.532						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.912	3.911	0.001	3340704	0.0563		100.0	
1	2	4.198	4.196	0.002	5985352	0.0557	156.3- 206.3	179.2	
1	3	4.479	4.476	0.003	5914207	0.0536	159.6- 209.6	177.0	
1	4	5.178	5.178	0.000	6451529	0.0518	183.4- 233.4	193.1	
1	5	5.461	5.461	0.000	3514146	0.0528	87.0- 137.0	105.2	
			Average of Peak Amounts =			0.0541			
2	6	4.933	4.931	0.002	2664910	0.0585		100.0	
2	7	5.161	5.160	0.001	3206131	0.0587	86.9- 146.9	120.3	
2	8	5.528	5.529	-0.001	4564102	0.0566	145.2- 205.2	171.3	
2	9	6.214	6.213	0.001	5631825	0.0582	177.4- 237.4	211.3	
2	10	6.596	6.596	0.000	4178845	0.0582	125.7- 185.7	156.8	
			Average of Peak Amounts =			0.0581			
						RPD = 7.13			
9 PCB-1262									
1	100		4.200						
1	2		4.603						
1	3		4.850						
1	4		5.178						
1	5		5.553						
2	6		5.162						
2	7		5.632						
2	8		5.940						
2	9		6.215						
2	10		6.595						
11 PCB-1268									
1	100		5.511						
1	2		5.549						
1	3		5.749						
1	4		6.125						
1	5		6.424						
2	6		6.593						
2	7		6.639						
2	8		6.905						
2	9		7.219						
2	10		7.563						
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.619	0.002	3697071	0.002844			
2	2	7.834	7.833	0.001	3094388	0.003122			
						RPD = 9.30			

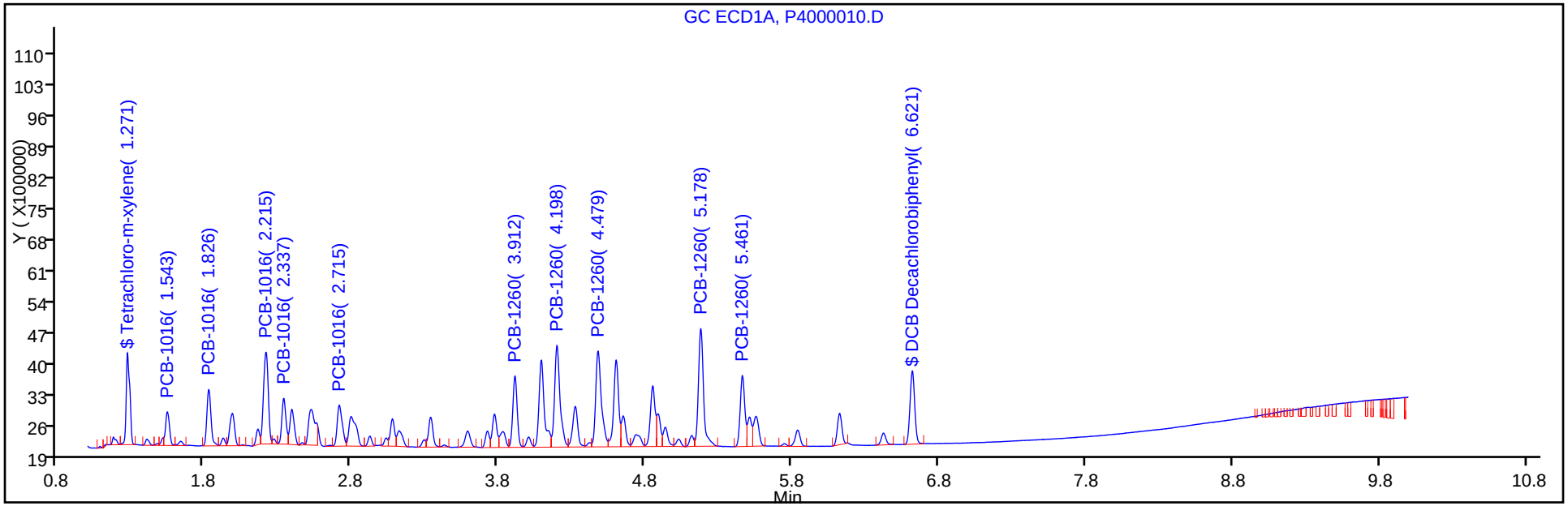
Report Date: 14-Dec-2012 12:25:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

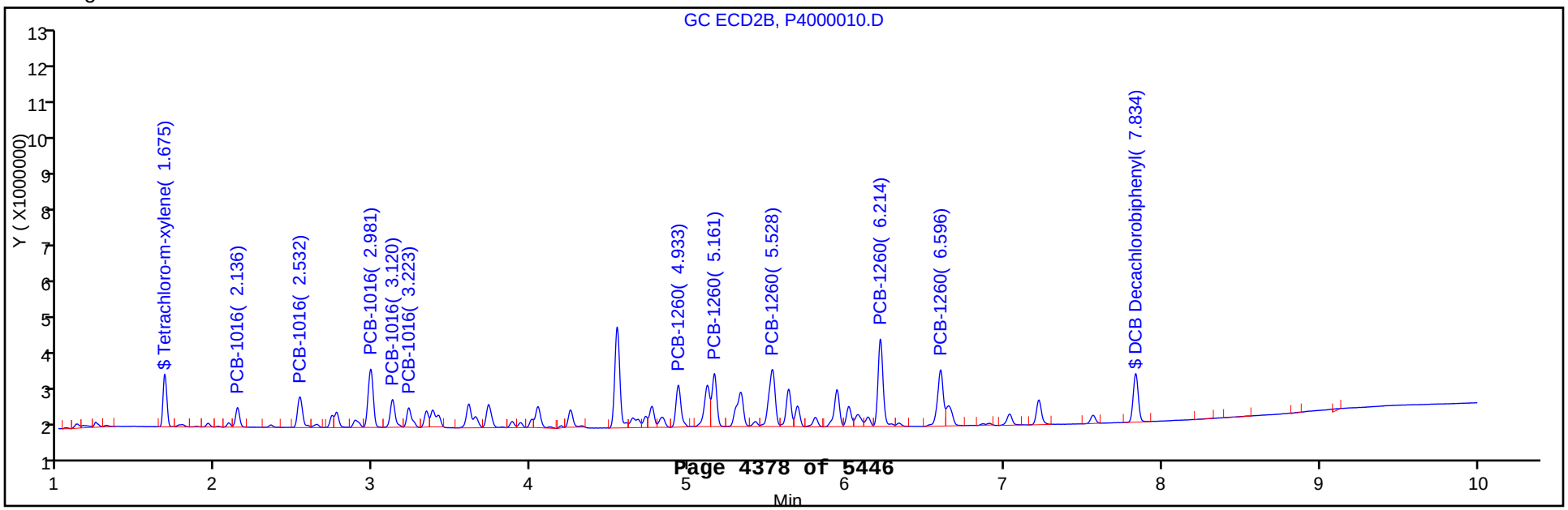
Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000010.D

Injection Date:	14-Dec-2012 05:46:37	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-68676/33

Matrix: Solid Lab File ID: P4000033.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/14/2012 11:48

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 68676 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0541*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0481*	*J*	*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104		50-150
2051-24-3	DCB Decachlorobiphenyl	97		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000033.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	14-Dec-2012 11:48:14	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015842-033		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	33
Lims Batch ID:	68676	Lims Sample ID:	33
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m		
Last Update:	14-Dec-2012 12:26:07	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK020		
First Level Reviewer: hassl		Date:	14-Dec-2012 12:22:21

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.272	-0.001	3631988	0.002606			
2	2	1.674	1.675	-0.001	2532100	0.002801			
						RPD = 7.19			
3 PCB-1221									
1	2		1.402						
1	3		1.511						
1	4		1.541						
2	4		1.949						
2	5		2.080						
2	6		2.136						
5 PCB-1242									
1	100		1.539						
1	2		1.821						
1	3		2.214						
1	4		2.333						
1	5		2.711						
2	6		2.133						
2	7		2.529						
2	8		2.980						
2	9		3.118						
2	10		3.603						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.540						
1	2		1.822						
1	3		2.214						
1	4		2.333						
1	5		2.712						
2	6		2.135						
2	7		2.530						
2	8		2.979						
2	9		3.117						
2	10		3.727						
6 PCB-1016									
1	100	1.542	1.543	-0.001	1439091	0.0583		100.0	
1	2	1.824	1.825	-0.001	2530037	0.0573	152.4- 202.4	175.8	
1	3	2.215	2.215	0.000	4733580	0.0519	334.6- 384.6	328.9	
1	4	2.335	2.336	-0.001	1969761	0.0487	125.4- 195.4	136.9	
1	5	2.715	2.714	0.001	2207787	0.0545	136.2- 186.2	153.4	
			Average of Peak Amounts =			0.0541			
2	6	2.135	2.137	-0.002	991172	0.0627		100.0	
2	7	2.532	2.532	0.000	1943881	0.0618	169.0- 229.0	196.1	
2	8	2.981	2.982	-0.001	3669017	0.0581	361.2- 421.2	370.2	
2	9	3.120	3.120	0.000	1643088	0.0595	144.4- 204.4	165.8	
2	10	3.224	3.223	0.001	1204427	0.0551	108.9- 168.9	121.5	
			Average of Peak Amounts =			0.0594			
						RPD = 9.36			
7 PCB-1248									
1	86		1.823						
1	2		2.212						
1	3		2.713						
1	4		3.290						
1	5		3.723						
2	6		2.528						
2	7		2.978						
2	8		3.728						
2	9		4.003						
2	10		4.724						
8 PCB-1254									
1	100		3.076						
1	2		3.722						
1	3		4.005						
1	4		4.196						
1	5		4.478						
2	6		4.248						
2	7		4.725						
2	8		4.968						
2	9		5.328						
2	10		5.532						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.912	3.913	-0.001	3054934	0.0515		100.0	
1	2	4.198	4.199	-0.001	5176353	0.0482	156.3- 206.3	169.4	
1	3	4.478	4.478	0.000	5059535	0.0459	159.6- 209.6	165.6	
1	4	5.180	5.178	0.002	5909333	0.0474	183.4- 233.4	193.4	
1	5	5.463	5.463	0.000	3176083	0.0478	87.0- 137.0	104.0	
			Average of Peak Amounts =			0.0481			
2	6	4.934	4.932	0.002	2324908	0.0511		100.0	
2	7	5.162	5.161	0.001	2707859	0.0496	86.9- 146.9	116.5	
2	8	5.530	5.529	0.001	3508496	0.0435	145.2- 205.2	150.9	
2	9	6.215	6.214	0.001	4871932	0.0503	177.4- 237.4	209.6	
2	10	6.596	6.597	-0.001	3088887	0.0430	125.7- 185.7	132.9	
			Average of Peak Amounts =			0.0475			
						RPD = 1.34			
9 PCB-1262									
1	100		4.200						
1	2		4.603						
1	3		4.850						
1	4		5.178						
1	5		5.553						
2	6		5.162						
2	7		5.632						
2	8		5.940						
2	9		6.215						
2	10		6.595						
11 PCB-1268									
1	100		5.511						
1	2		5.549						
1	3		5.749						
1	4		6.125						
1	5		6.424						
2	6		6.593						
2	7		6.639						
2	8		6.905						
2	9		7.219						
2	10		7.563						
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.620	0.001	3142807	0.002418			
2	2	7.835	7.834	0.001	2267841	0.002288			
						RPD = 5.52			

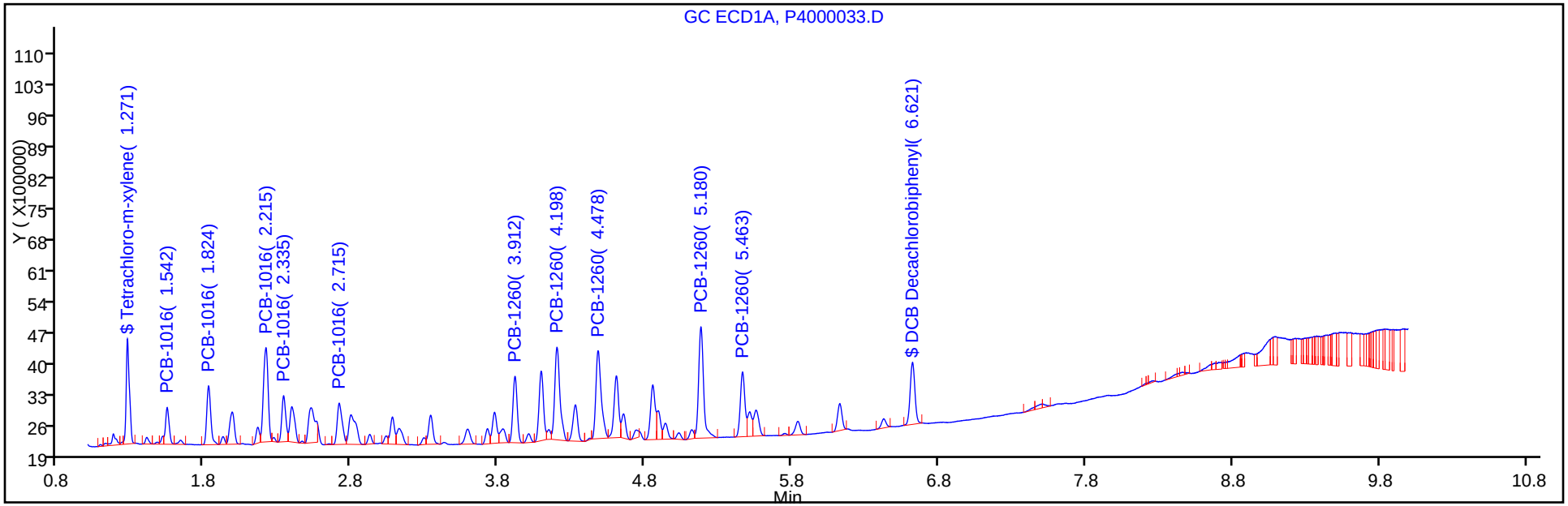
Report Date: 14-Dec-2012 12:26:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

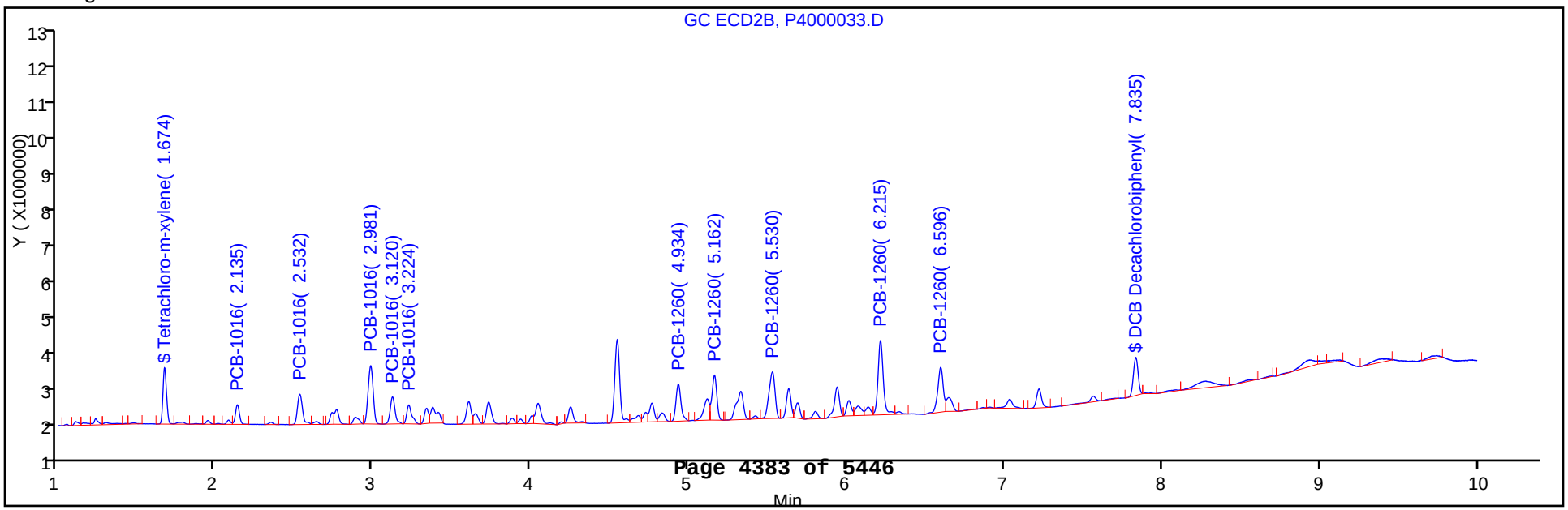
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Injection Date:	14-Dec-2012 11:48:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	33
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68676/33

Matrix: Solid | Lab File ID: P4000033.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/14/2012 11:48

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68676 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0594		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0475	J	0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	112		50-150
2051-24-3	DCB Decachlorobiphenyl	92		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000033.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	14-Dec-2012 11:48:14	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015842-033		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	33
Lims Batch ID:	68676	Lims Sample ID:	33
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m		
Last Update:	14-Dec-2012 12:26:07	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK020		
First Level Reviewer: hassl		Date:	14-Dec-2012 12:22:21

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.272	-0.001	3631988	0.002606			
2	2	1.674	1.675	-0.001	2532100	0.002801			
						RPD = 7.19			
3 PCB-1221									
1	2		1.402						
1	3		1.511						
1	4		1.541						
2	4		1.949						
2	5		2.080						
2	6		2.136						
5 PCB-1242									
1	100		1.539						
1	2		1.821						
1	3		2.214						
1	4		2.333						
1	5		2.711						
2	6		2.133						
2	7		2.529						
2	8		2.980						
2	9		3.118						
2	10		3.603						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.540						
1	2		1.822						
1	3		2.214						
1	4		2.333						
1	5		2.712						
2	6		2.135						
2	7		2.530						
2	8		2.979						
2	9		3.117						
2	10		3.727						
6 PCB-1016									
1	100	1.542	1.543	-0.001	1439091	0.0583		100.0	
1	2	1.824	1.825	-0.001	2530037	0.0573	152.4- 202.4	175.8	
1	3	2.215	2.215	0.000	4733580	0.0519	334.6- 384.6	328.9	
1	4	2.335	2.336	-0.001	1969761	0.0487	125.4- 195.4	136.9	
1	5	2.715	2.714	0.001	2207787	0.0545	136.2- 186.2	153.4	
			Average of Peak Amounts =			0.0541			
2	6	2.135	2.137	-0.002	991172	0.0627		100.0	
2	7	2.532	2.532	0.000	1943881	0.0618	169.0- 229.0	196.1	
2	8	2.981	2.982	-0.001	3669017	0.0581	361.2- 421.2	370.2	
2	9	3.120	3.120	0.000	1643088	0.0595	144.4- 204.4	165.8	
2	10	3.224	3.223	0.001	1204427	0.0551	108.9- 168.9	121.5	
			Average of Peak Amounts =			0.0594			
						RPD = 9.36			
7 PCB-1248									
1	86		1.823						
1	2		2.212						
1	3		2.713						
1	4		3.290						
1	5		3.723						
2	6		2.528						
2	7		2.978						
2	8		3.728						
2	9		4.003						
2	10		4.724						
8 PCB-1254									
1	100		3.076						
1	2		3.722						
1	3		4.005						
1	4		4.196						
1	5		4.478						
2	6		4.248						
2	7		4.725						
2	8		4.968						
2	9		5.328						
2	10		5.532						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.912	3.913	-0.001	3054934	0.0515		100.0	
1	2	4.198	4.199	-0.001	5176353	0.0482	156.3- 206.3	169.4	
1	3	4.478	4.478	0.000	5059535	0.0459	159.6- 209.6	165.6	
1	4	5.180	5.178	0.002	5909333	0.0474	183.4- 233.4	193.4	
1	5	5.463	5.463	0.000	3176083	0.0478	87.0- 137.0	104.0	
			Average of Peak Amounts =			0.0481			
2	6	4.934	4.932	0.002	2324908	0.0511		100.0	
2	7	5.162	5.161	0.001	2707859	0.0496	86.9- 146.9	116.5	
2	8	5.530	5.529	0.001	3508496	0.0435	145.2- 205.2	150.9	
2	9	6.215	6.214	0.001	4871932	0.0503	177.4- 237.4	209.6	
2	10	6.596	6.597	-0.001	3088887	0.0430	125.7- 185.7	132.9	
			Average of Peak Amounts =			0.0475			
						RPD = 1.34			
9 PCB-1262									
1	100		4.200						
1	2		4.603						
1	3		4.850						
1	4		5.178						
1	5		5.553						
2	6		5.162						
2	7		5.632						
2	8		5.940						
2	9		6.215						
2	10		6.595						
11 PCB-1268									
1	100		5.511						
1	2		5.549						
1	3		5.749						
1	4		6.125						
1	5		6.424						
2	6		6.593						
2	7		6.639						
2	8		6.905						
2	9		7.219						
2	10		7.563						
$ 12 DCB Decachlorobiphenyl									
1	100	6.621	6.620	0.001	3142807	0.002418			
2	2	7.835	7.834	0.001	2267841	0.002288			
						RPD = 5.52			

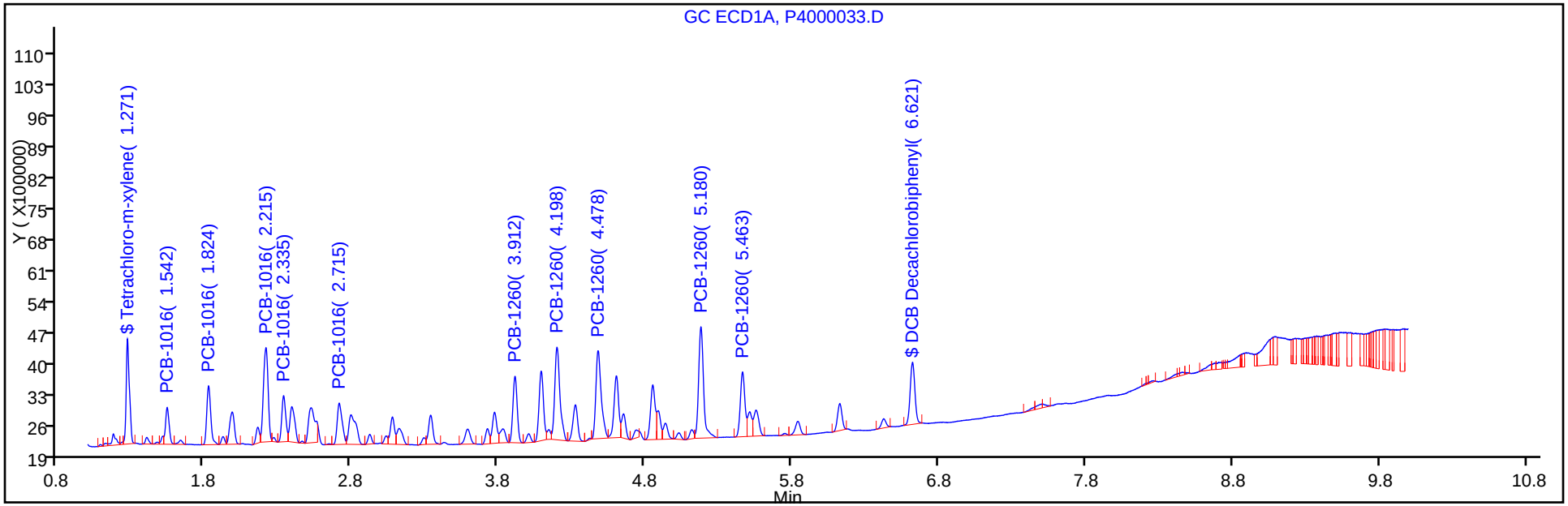
Report Date: 14-Dec-2012 12:26:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

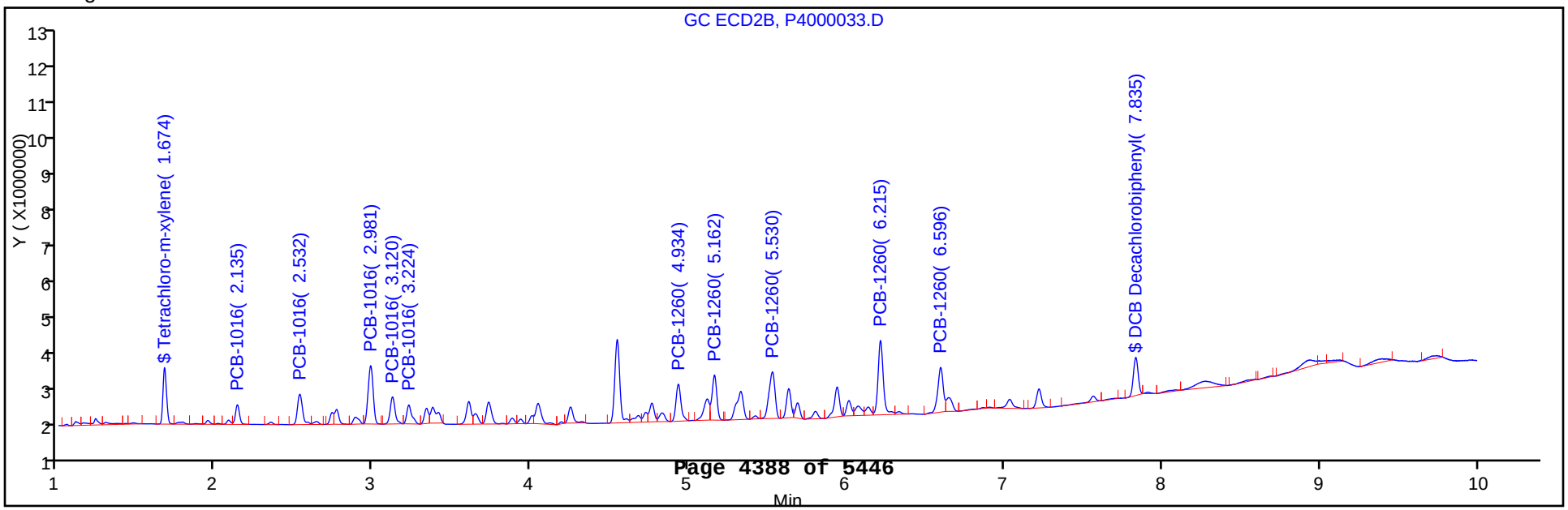
Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000033.D

Injection Date:	14-Dec-2012 11:48:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	68676	Lims Sample ID:	33
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69521/4

Matrix: Solid Lab File ID: P1300004.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/20/2012 14:54

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69521 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0610		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0541		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	140		50-150
2051-24-3	DCB Decachlorobiphenyl	100		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300004.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 14:54:37 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016044-004
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 69521 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:18 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 11:44:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.285	-0.001	7969044	0.003491			
2	2	1.639	1.640	-0.001	4087261	0.002844			
						RPD = 20.41			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100	1.580	1.580	0.000	2682698	0.0660		100.0	
1	2	1.887	1.887	0.000	4493552	0.0625	149.3- 199.3	167.5	
1	3	2.314	2.314	0.000	9043588	0.0583	350.2- 400.2	337.1	
1	4	2.444	2.445	-0.001	3979535	0.0617	130.7- 180.7	148.3	
1	5	2.856	2.857	-0.001	3822636	0.0563	137.9- 187.9	142.5	
			Average of Peak Amounts =			0.0610			
2	6	2.134	2.133	0.001	1429300	0.0636		100.0	
2	7	2.556	2.556	0.000	2885265	0.0615	176.5- 236.5	201.9	
2	8	3.037	3.038	-0.001	5307515	0.0584	362.5- 422.5	371.3	
2	9	3.185	3.185	0.000	2217067	0.0573	137.9- 197.9	155.1	
2	10	3.837	3.837	0.000	1937715	0.0537	118.8- 178.8	135.6	
			Average of Peak Amounts =			0.0589			
						RPD = 3.44			
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.150	0.000	5768095	0.0569		100.0	
1	2	4.460	4.460	0.000	11335762	0.0565	175.1- 225.1	196.5	
1	3	4.759	4.758	0.001	10933319	0.0547	173.2- 223.2	189.5	
1	4	5.509	5.510	-0.001	14363941	0.0528	244.1- 294.1	249.0	
1	5	5.814	5.811	0.003	6426550	0.0498	101.5- 151.5	111.4	
			Average of Peak Amounts =			0.0541			
2	6	5.123	5.123	0.000	3733161	0.0560		100.0	
2	7	5.371	5.370	0.001	5121773	0.0294	86.6- 146.6	137.2	
2	8	5.759	5.759	0.000	6140993	0.0526	142.9- 202.9	164.5	
2	9	6.492	6.490	0.002	7055997	0.0496	179.5- 239.5	189.0	
2	10	6.893	6.893	0.000	3693671	0.0355	121.8- 181.8	98.9	
			Average of Peak Amounts =			0.0446			
						RPD = 19.32			
9 PCB-1262									
1	100		4.461						
1	2		4.892						
1	3		5.155						
1	4		5.508						
1	5		5.907						
2	6		5.370						
2	7		5.869						
2	8		6.194						
2	9		6.491						
2	10		6.892						
11 PCB-1268									
1	100		5.864						
1	2		5.903						
1	3		6.117						
1	4		6.520						
1	5		6.838						
2	6		6.890						
2	7		6.940						
2	8		7.221						
2	9		7.556						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.046	0.002	5821185	0.002493			
2	2	8.205	8.205	0.000	3046290	0.002262			
						RPD = 9.75			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

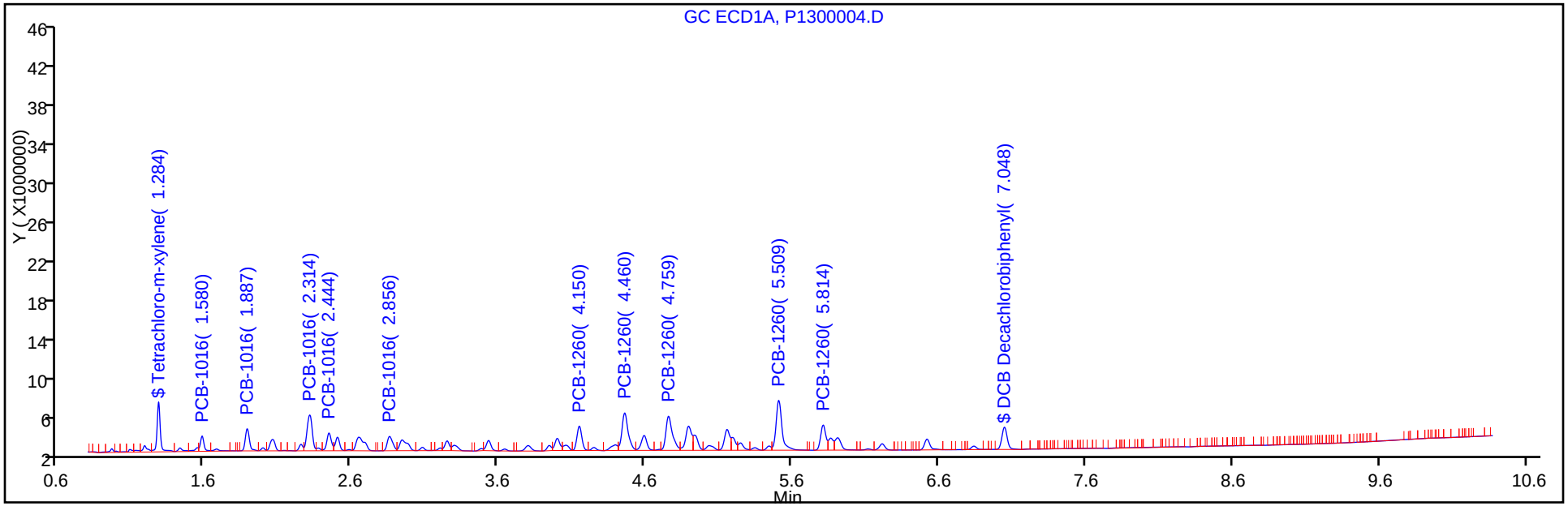
Report Date: 21-Dec-2012 11:50:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

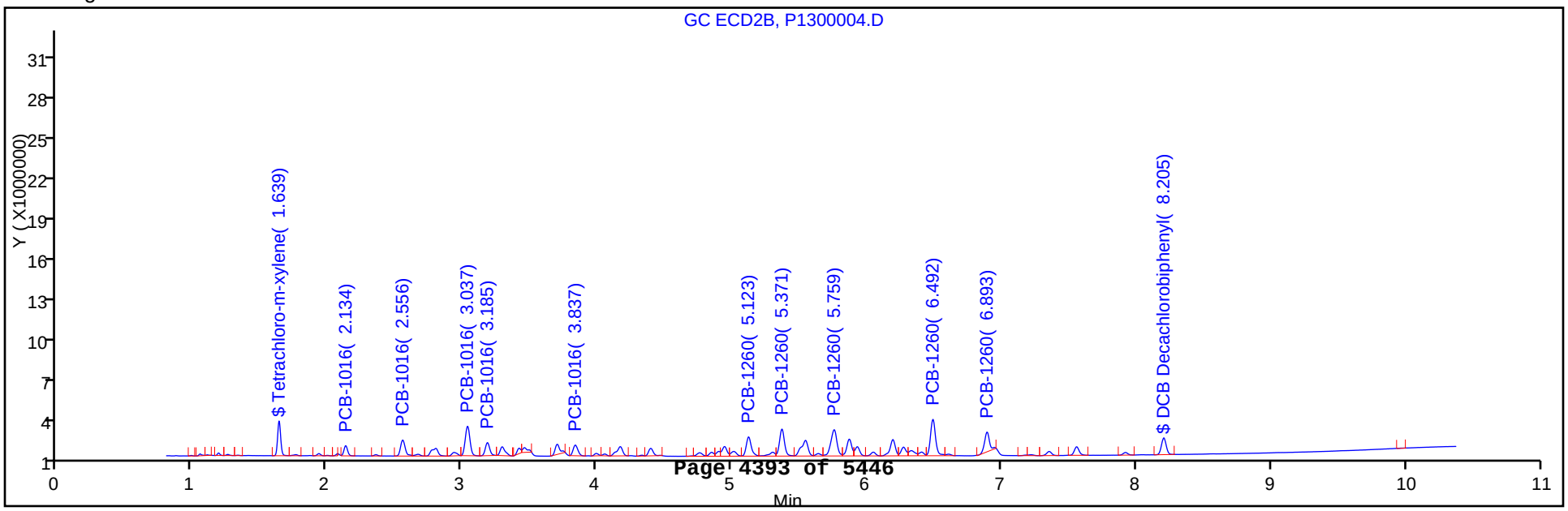
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300004.D

Injection Date:	20-Dec-2012 14:54:37	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69521/4

Matrix: Solid | Lab File ID: P1300004.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/20/2012 14:54

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69521 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0589*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0446*	*J*	*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	114		50-150
2051-24-3	DCB Decachlorobiphenyl	90		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300004.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 14:54:37 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016044-004
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 69521 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:18 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 11:44:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.285	-0.001	7969044	0.003491			
2	2	1.639	1.640	-0.001	4087261	0.002844			
						RPD = 20.41			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100	1.580	1.580	0.000	2682698	0.0660		100.0	
1	2	1.887	1.887	0.000	4493552	0.0625	149.3- 199.3	167.5	
1	3	2.314	2.314	0.000	9043588	0.0583	350.2- 400.2	337.1	
1	4	2.444	2.445	-0.001	3979535	0.0617	130.7- 180.7	148.3	
1	5	2.856	2.857	-0.001	3822636	0.0563	137.9- 187.9	142.5	
			Average of Peak Amounts =			0.0610			
2	6	2.134	2.133	0.001	1429300	0.0636		100.0	
2	7	2.556	2.556	0.000	2885265	0.0615	176.5- 236.5	201.9	
2	8	3.037	3.038	-0.001	5307515	0.0584	362.5- 422.5	371.3	
2	9	3.185	3.185	0.000	2217067	0.0573	137.9- 197.9	155.1	
2	10	3.837	3.837	0.000	1937715	0.0537	118.8- 178.8	135.6	
			Average of Peak Amounts =			0.0589			
						RPD = 3.44			
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.150	0.000	5768095	0.0569		100.0	
1	2	4.460	4.460	0.000	11335762	0.0565	175.1- 225.1	196.5	
1	3	4.759	4.758	0.001	10933319	0.0547	173.2- 223.2	189.5	
1	4	5.509	5.510	-0.001	14363941	0.0528	244.1- 294.1	249.0	
1	5	5.814	5.811	0.003	6426550	0.0498	101.5- 151.5	111.4	
			Average of Peak Amounts =			0.0541			
2	6	5.123	5.123	0.000	3733161	0.0560		100.0	
2	7	5.371	5.370	0.001	5121773	0.0294	86.6- 146.6	137.2	
2	8	5.759	5.759	0.000	6140993	0.0526	142.9- 202.9	164.5	
2	9	6.492	6.490	0.002	7055997	0.0496	179.5- 239.5	189.0	
2	10	6.893	6.893	0.000	3693671	0.0355	121.8- 181.8	98.9	
			Average of Peak Amounts =			0.0446			
						RPD = 19.32			
9 PCB-1262									
1	100		4.461						
1	2		4.892						
1	3		5.155						
1	4		5.508						
1	5		5.907						
2	6		5.370						
2	7		5.869						
2	8		6.194						
2	9		6.491						
2	10		6.892						
11 PCB-1268									
1	100		5.864						
1	2		5.903						
1	3		6.117						
1	4		6.520						
1	5		6.838						
2	6		6.890						
2	7		6.940						
2	8		7.221						
2	9		7.556						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.046	0.002	5821185	0.002493			
2	2	8.205	8.205	0.000	3046290	0.002262			
						RPD = 9.75			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

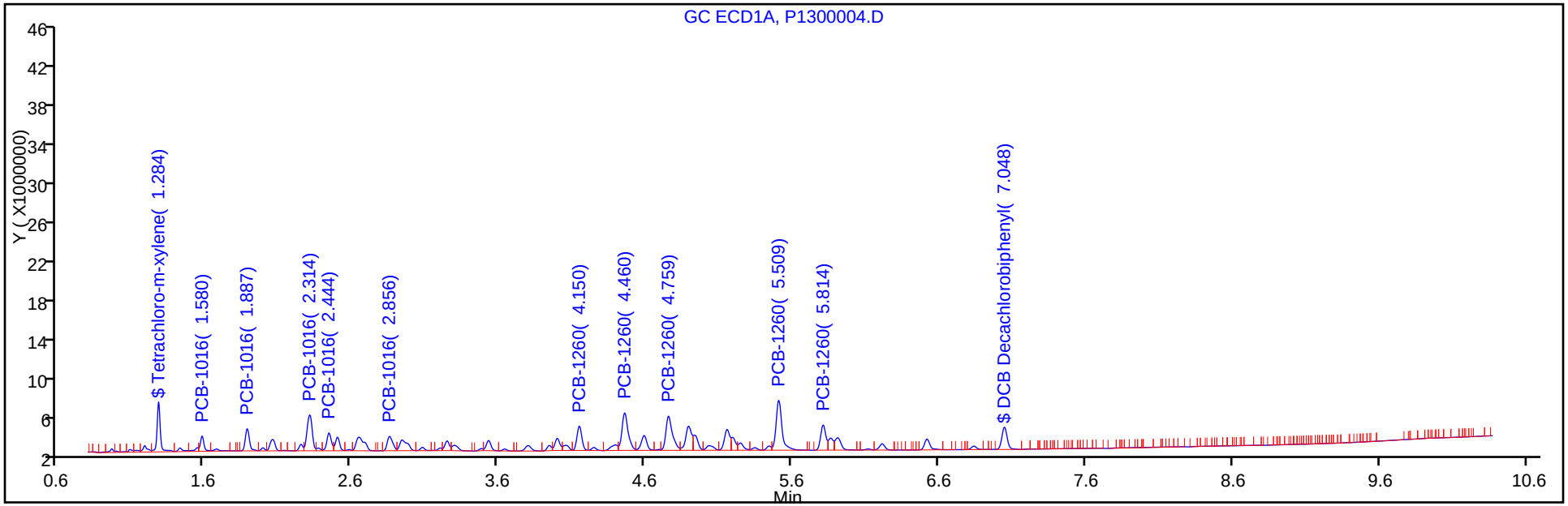
Report Date: 21-Dec-2012 11:50:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

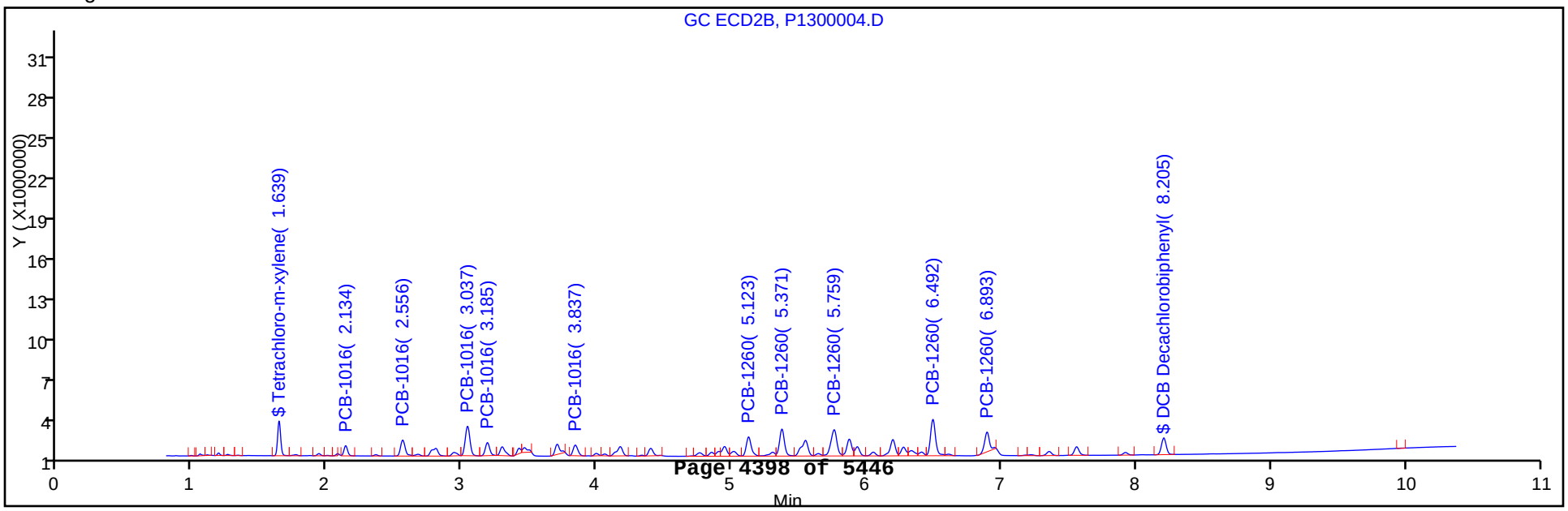
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300004.D

Injection Date:	20-Dec-2012 14:54:37	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69521/27

Matrix: Solid Lab File ID: P1300027.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/20/2012 20:38

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69521 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0607		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0581		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	141	Q	50-150
2051-24-3	DCB Decachlorobiphenyl	97		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300027.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 20:38:57 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016044-027
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 27
Lims Batch ID: 69521 Lims Sample ID: 27
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:44 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 11:49:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.283	1.284	-0.001	8027007	0.003516			
2	2	1.638	1.639	-0.001	4203328	0.002925			
						RPD = 18.36			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100	1.580	1.580	0.000	2710407	0.0667		100.0	
1	2	1.888	1.888	0.000	4594788	0.0639	149.3- 199.3	169.5	
1	3	2.313	2.314	-0.001	8857045	0.0571	350.2- 400.2	326.8	
1	4	2.445	2.445	0.000	3552639	0.0551	130.7- 180.7	131.1	
1	5	2.857	2.858	-0.001	4129075	0.0609	137.9- 187.9	152.3	
			Average of Peak Amounts =			0.0607			
2	6	2.133	2.133	0.000	1478612	0.0658		100.0	
2	7	2.555	2.556	-0.001	2950959	0.0629	176.5- 236.5	199.6	
2	8	3.037	3.037	0.000	5577216	0.0614	362.5- 422.5	377.2	
2	9	3.184	3.184	0.000	2514076	0.0649	137.9- 197.9	170.0	
2	10	3.837	3.837	0.000	2007022	0.0556	118.8- 178.8	135.7	
			Average of Peak Amounts =			0.0621			
						RPD = 2.30			
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.153	4.150	0.003	6036977	0.0596		100.0	
1	2	4.460	4.461	-0.001	11460837	0.0571	175.1- 225.1	189.8	
1	3	4.759	4.760	-0.001	10987910	0.0549	173.2- 223.2	182.0	
1	4	5.510	5.511	-0.001	18760846	0.0690	244.1- 294.1	310.8	
1	5	5.813	5.814	-0.001	6466208	0.0501	101.5- 151.5	107.1	
			Average of Peak Amounts =			0.0581			
2	6	5.124	5.123	0.001	3854337	0.0578		100.0	
2	7	5.371	5.370	0.001	4663479	0.0228	86.6- 146.6	121.0	
2	8	5.759	5.759	0.000	6528742	0.0559	142.9- 202.9	169.4	
2	9	6.492	6.492	0.000	7536483	0.0530	179.5- 239.5	195.5	
2	10	6.893	6.894	-0.001	5361268	0.0515	121.8- 181.8	139.1	
			Average of Peak Amounts =			0.0482			
						RPD = 18.70			
9 PCB-1262									
1	100		4.461						
1	2		4.892						
1	3		5.155						
1	4		5.508						
1	5		5.907						
2	6		5.370						
2	7		5.869						
2	8		6.194						
2	9		6.491						
2	10		6.892						
11 PCB-1268									
1	100		5.864						
1	2		5.903						
1	3		6.117						
1	4		6.520						
1	5		6.838						
2	6		6.890						
2	7		6.940						
2	8		7.221						
2	9		7.556						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.049	-0.001	5661576	0.002425			
2	2	8.205	8.206	-0.001	3130280	0.002324			
						RPD = 4.25			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

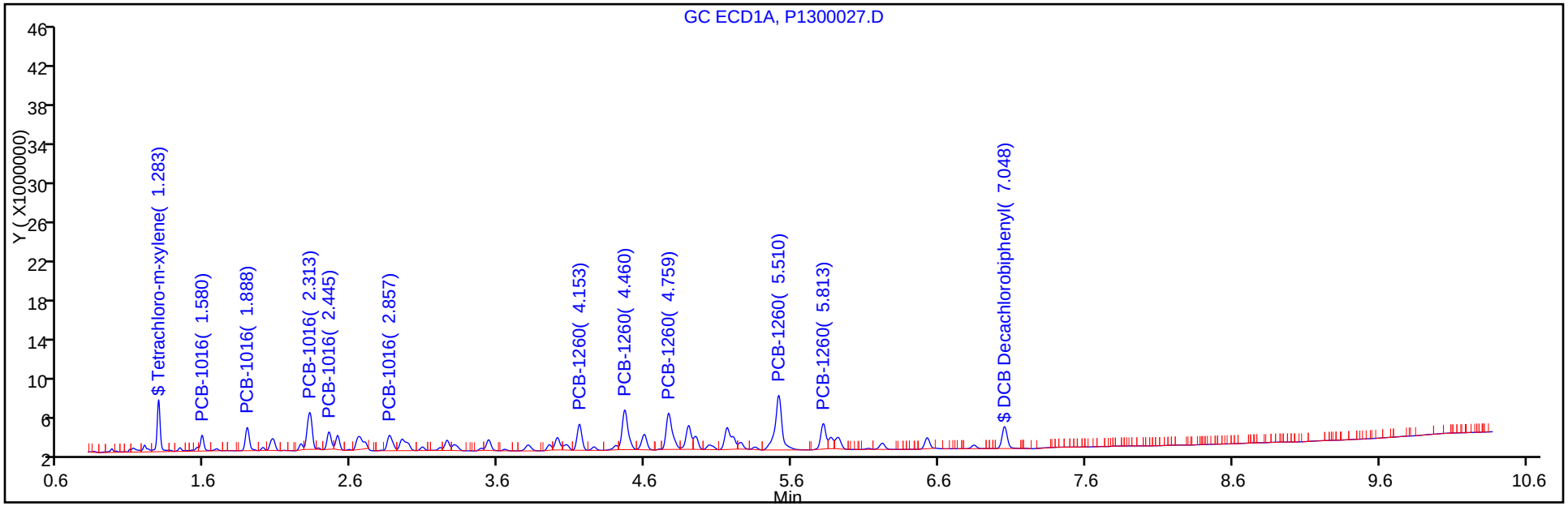
Report Date: 21-Dec-2012 11:50:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

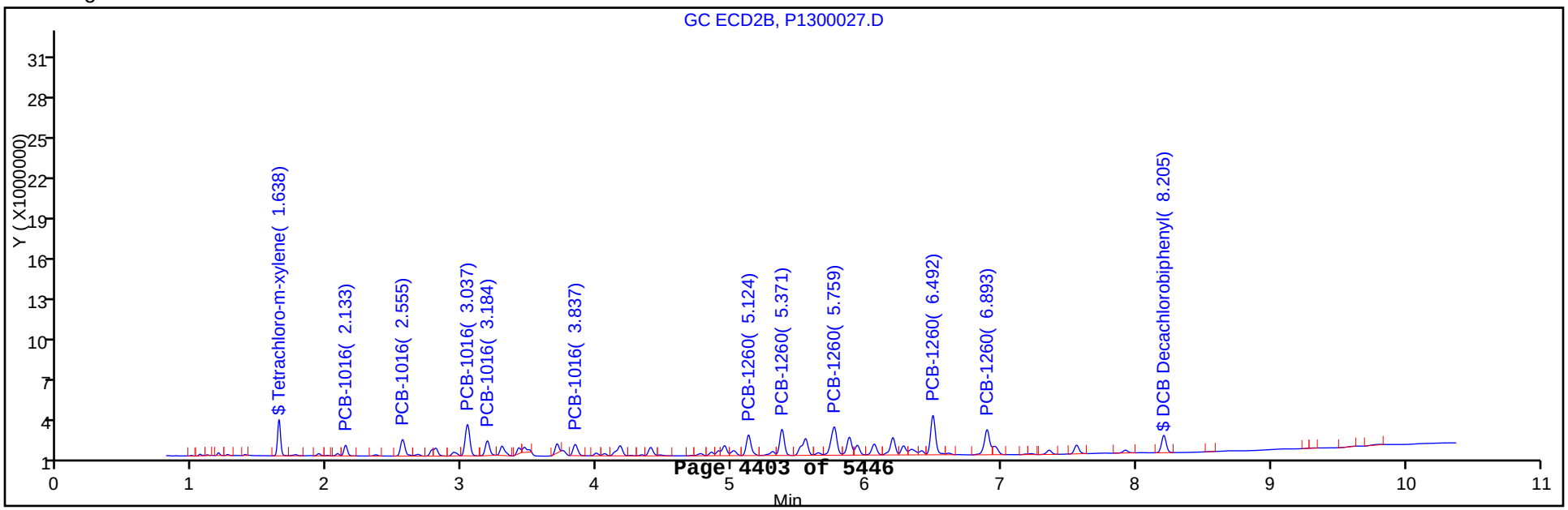
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300027.D

Injection Date:	20-Dec-2012 20:38:57	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69521/27

Matrix: Solid | Lab File ID: P1300027.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/20/2012 20:38

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69521 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0621*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0482*	*J*	*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	117		50-150
2051-24-3	DCB Decachlorobiphenyl	93		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300027.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 20:38:57 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016044-027
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 27
Lims Batch ID: 69521 Lims Sample ID: 27
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:44 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 11:49:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.283	1.284	-0.001	8027007	0.003516			
2	2	1.638	1.639	-0.001	4203328	0.002925			
						RPD = 18.36			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100	1.580	1.580	0.000	2710407	0.0667		100.0	
1	2	1.888	1.888	0.000	4594788	0.0639	149.3- 199.3	169.5	
1	3	2.313	2.314	-0.001	8857045	0.0571	350.2- 400.2	326.8	
1	4	2.445	2.445	0.000	3552639	0.0551	130.7- 180.7	131.1	
1	5	2.857	2.858	-0.001	4129075	0.0609	137.9- 187.9	152.3	
			Average of Peak Amounts =			0.0607			
2	6	2.133	2.133	0.000	1478612	0.0658		100.0	
2	7	2.555	2.556	-0.001	2950959	0.0629	176.5- 236.5	199.6	
2	8	3.037	3.037	0.000	5577216	0.0614	362.5- 422.5	377.2	
2	9	3.184	3.184	0.000	2514076	0.0649	137.9- 197.9	170.0	
2	10	3.837	3.837	0.000	2007022	0.0556	118.8- 178.8	135.7	
			Average of Peak Amounts =			0.0621			
						RPD = 2.30			
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.153	4.150	0.003	6036977	0.0596		100.0	
1	2	4.460	4.461	-0.001	11460837	0.0571	175.1- 225.1	189.8	
1	3	4.759	4.760	-0.001	10987910	0.0549	173.2- 223.2	182.0	
1	4	5.510	5.511	-0.001	18760846	0.0690	244.1- 294.1	310.8	
1	5	5.813	5.814	-0.001	6466208	0.0501	101.5- 151.5	107.1	
			Average of Peak Amounts =			0.0581			
2	6	5.124	5.123	0.001	3854337	0.0578		100.0	
2	7	5.371	5.370	0.001	4663479	0.0228	86.6- 146.6	121.0	
2	8	5.759	5.759	0.000	6528742	0.0559	142.9- 202.9	169.4	
2	9	6.492	6.492	0.000	7536483	0.0530	179.5- 239.5	195.5	
2	10	6.893	6.894	-0.001	5361268	0.0515	121.8- 181.8	139.1	
			Average of Peak Amounts =			0.0482			
						RPD = 18.70			
9 PCB-1262									
1	100		4.461						
1	2		4.892						
1	3		5.155						
1	4		5.508						
1	5		5.907						
2	6		5.370						
2	7		5.869						
2	8		6.194						
2	9		6.491						
2	10		6.892						
11 PCB-1268									
1	100		5.864						
1	2		5.903						
1	3		6.117						
1	4		6.520						
1	5		6.838						
2	6		6.890						
2	7		6.940						
2	8		7.221						
2	9		7.556						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.049	-0.001	5661576	0.002425			
2	2	8.205	8.206	-0.001	3130280	0.002324			
						RPD = 4.25			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

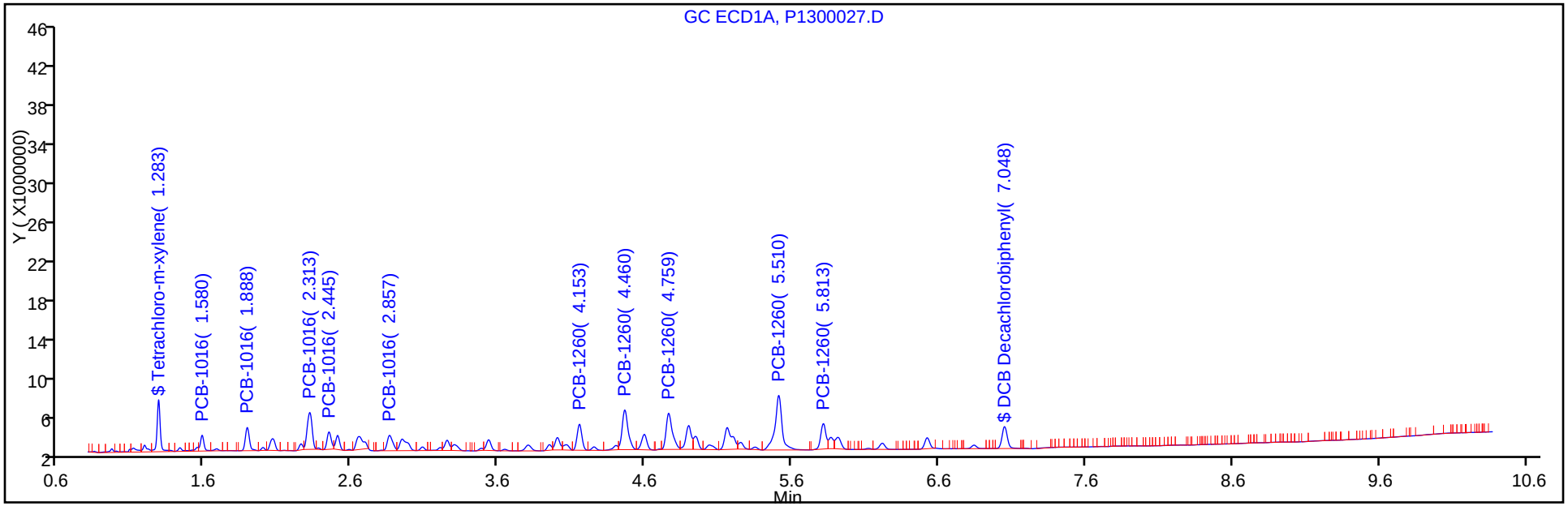
Report Date: 21-Dec-2012 11:50:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

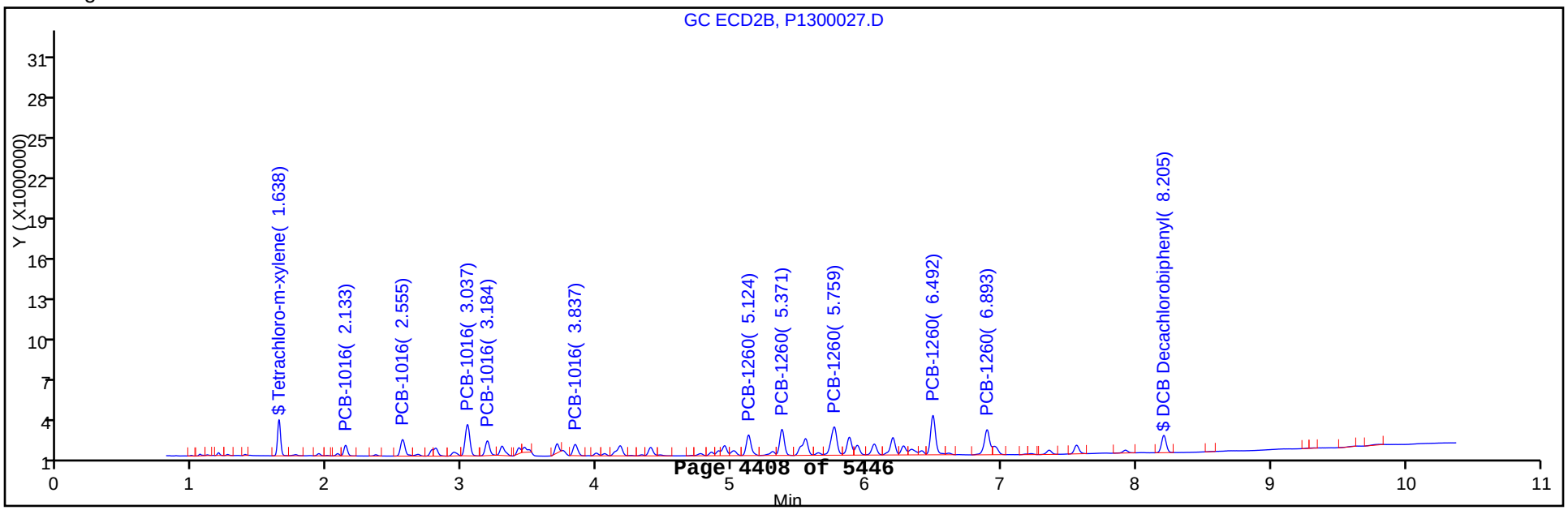
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300027.D

Injection Date:	20-Dec-2012 20:38:57	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MS | Lab Sample ID: 240-18544-19 MS

Matrix: Solid | Lab File ID: P1300007.D

Analysis Method: 8082/DOD | Date Collected: 12/06/2012 15:27

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.10(g) | Date Analyzed: 12/20/2012 15:39

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	248		65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	241		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		40-140
2051-24-3	DCB Decachlorobiphenyl	69		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300007.D
Lims ID: 240-18544-V-19-G MS
Client ID: 076SB-0100M-0002-SO
Inject. Date: 20-Dec-2012 15:39:30
Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0016044-007
Misc. Info.:
Operator:
Instrument ID: A2HP13
Injection Vol: 1.0 uL
ALS Bottle#: 7
Lims Batch ID: 69521
Lims Sample ID: 7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:18
Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl
Date: 21-Dec-2012 11:45:27

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	36066519	0.0158			
2	2	1.640	1.640	0.000	22341358	0.0155			
						RPD = 1.61			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100	1.581	1.580	0.001	27555893	0.6778		100.0	
1	2	1.889	1.887	0.002	55322399	0.7697	149.3- 199.3	200.8	
1	3	2.314	2.314	0.000	117822998	0.7591	350.2- 400.2	427.6	
1	4	2.446	2.445	0.001	51413244	0.7974	130.7- 180.7	186.6	
1	5	2.859	2.857	0.002	49861284	0.7349	137.9- 187.9	180.9	
			Average of Peak Amounts =			0.7478			
2	6	2.134	2.133	0.001	17829592	0.7934		100.0	
2	7	2.556	2.556	0.000	38589416	0.8226	176.5- 236.5	216.4	
2	8	3.038	3.038	0.000	80609275	0.8872	362.5- 422.5	452.1	
2	9	3.185	3.185	0.000	32812466	0.8475	137.9- 197.9	184.0	
2	10	3.837	3.837	0.000	25902749	0.7182	118.8- 178.8	145.3	
			Average of Peak Amounts =			0.8138			
						RPD = 8.45			
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.150	0.000	74674874	0.7368		100.0	
1	2	4.460	4.460	0.000	146684235	0.7311	175.1- 225.1	196.4	
1	3	4.758	4.758	0.000	146837796	0.7340	173.2- 223.2	196.6	
1	4	5.510	5.510	0.000	197444396	0.7264	244.1- 294.1	264.4	
1	5	5.814	5.811	0.003	90492118	0.7007	101.5- 151.5	121.2	
			Average of Peak Amounts =			0.7258			
2	6	5.124	5.123	0.001	50477004	0.7574		100.0	
2	7	5.371	5.370	0.001	59614088	0.8057	86.6- 146.6	118.1	
2	8	5.759	5.759	0.000	89435132	0.7655	142.9- 202.9	177.2	
2	9	6.491	6.490	0.001	109817377	0.7718	179.5- 239.5	217.6	
2	10	6.894	6.893	0.001	75347169	0.7236	121.8- 181.8	149.3	
			Average of Peak Amounts =			0.7648			
						RPD = 5.23			
9 PCB-1262									
1	100		4.461						
1	2		4.892						
1	3		5.155						
1	4		5.508						
1	5		5.907						
2	6		5.370						
2	7		5.869						
2	8		6.194						
2	9		6.491						
2	10		6.892						
11 PCB-1268									
1	100		5.864						
1	2		5.903						
1	3		6.117						
1	4		6.520						
1	5		6.838						
2	6		6.890						
2	7		6.940						
2	8		7.221						
2	9		7.556						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.046	0.003	32105950	0.0138			
2	2	8.206	8.205	0.001	18509494	0.0137			
						RPD = 0.07			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

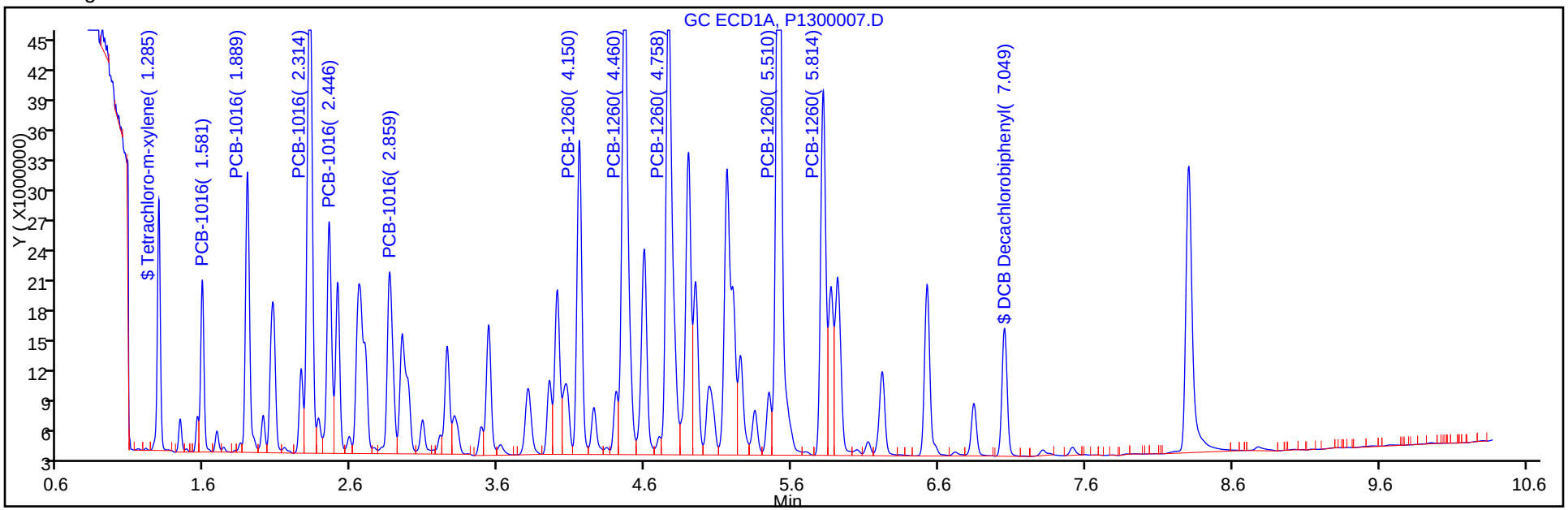
Report Date: 21-Dec-2012 11:50:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

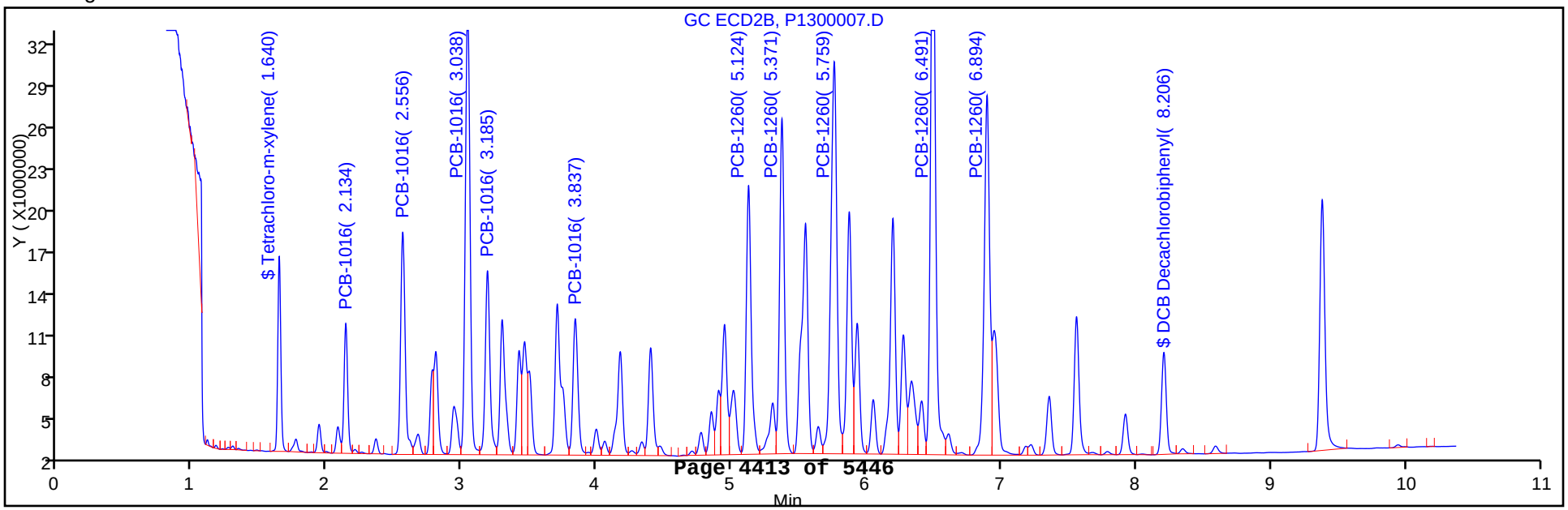
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300007.D

Injection Date:	20-Dec-2012 15:39:30	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MS Lab Sample ID: 240-18544-19 MS

Matrix: Solid Lab File ID: P1300007.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 15:27

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.10(g) Date Analyzed: 12/20/2012 15:39

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		40-140
2051-24-3	DCB Decachlorobiphenyl	69		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300007.D		
Lims ID:	240-18544-V-19-G MS	Client ID:	076SB-0100M-0002-SO
Inject. Date:	20-Dec-2012 15:39:30	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	240-0016044-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	7
Lims Batch ID:	69521	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:45:27

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	36066519	0.0158			
2	2	1.640	1.640	0.000	22341358	0.0155			
						RPD = 1.61			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100	1.581	1.580	0.001	27555893	0.6778		100.0	
1	2	1.889	1.887	0.002	55322399	0.7697	149.3- 199.3	200.8	
1	3	2.314	2.314	0.000	117822998	0.7591	350.2- 400.2	427.6	
1	4	2.446	2.445	0.001	51413244	0.7974	130.7- 180.7	186.6	
1	5	2.859	2.857	0.002	49861284	0.7349	137.9- 187.9	180.9	
			Average of Peak Amounts =			0.7478			
2	6	2.134	2.133	0.001	17829592	0.7934		100.0	
2	7	2.556	2.556	0.000	38589416	0.8226	176.5- 236.5	216.4	
2	8	3.038	3.038	0.000	80609275	0.8872	362.5- 422.5	452.1	
2	9	3.185	3.185	0.000	32812466	0.8475	137.9- 197.9	184.0	
2	10	3.837	3.837	0.000	25902749	0.7182	118.8- 178.8	145.3	
			Average of Peak Amounts =			0.8138			
						RPD = 8.45			
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.150	0.000	74674874	0.7368		100.0	
1	2	4.460	4.460	0.000	146684235	0.7311	175.1- 225.1	196.4	
1	3	4.758	4.758	0.000	146837796	0.7340	173.2- 223.2	196.6	
1	4	5.510	5.510	0.000	197444396	0.7264	244.1- 294.1	264.4	
1	5	5.814	5.811	0.003	90492118	0.7007	101.5- 151.5	121.2	
			Average of Peak Amounts =			0.7258			
2	6	5.124	5.123	0.001	50477004	0.7574		100.0	
2	7	5.371	5.370	0.001	59614088	0.8057	86.6- 146.6	118.1	
2	8	5.759	5.759	0.000	89435132	0.7655	142.9- 202.9	177.2	
2	9	6.491	6.490	0.001	109817377	0.7718	179.5- 239.5	217.6	
2	10	6.894	6.893	0.001	75347169	0.7236	121.8- 181.8	149.3	
			Average of Peak Amounts =			0.7648			
						RPD = 5.23			
9 PCB-1262									
1	100		4.461						
1	2		4.892						
1	3		5.155						
1	4		5.508						
1	5		5.907						
2	6		5.370						
2	7		5.869						
2	8		6.194						
2	9		6.491						
2	10		6.892						
11 PCB-1268									
1	100		5.864						
1	2		5.903						
1	3		6.117						
1	4		6.520						
1	5		6.838						
2	6		6.890						
2	7		6.940						
2	8		7.221						
2	9		7.556						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.046	0.003	32105950	0.0138			
2	2	8.206	8.205	0.001	18509494	0.0137			
						RPD = 0.07			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

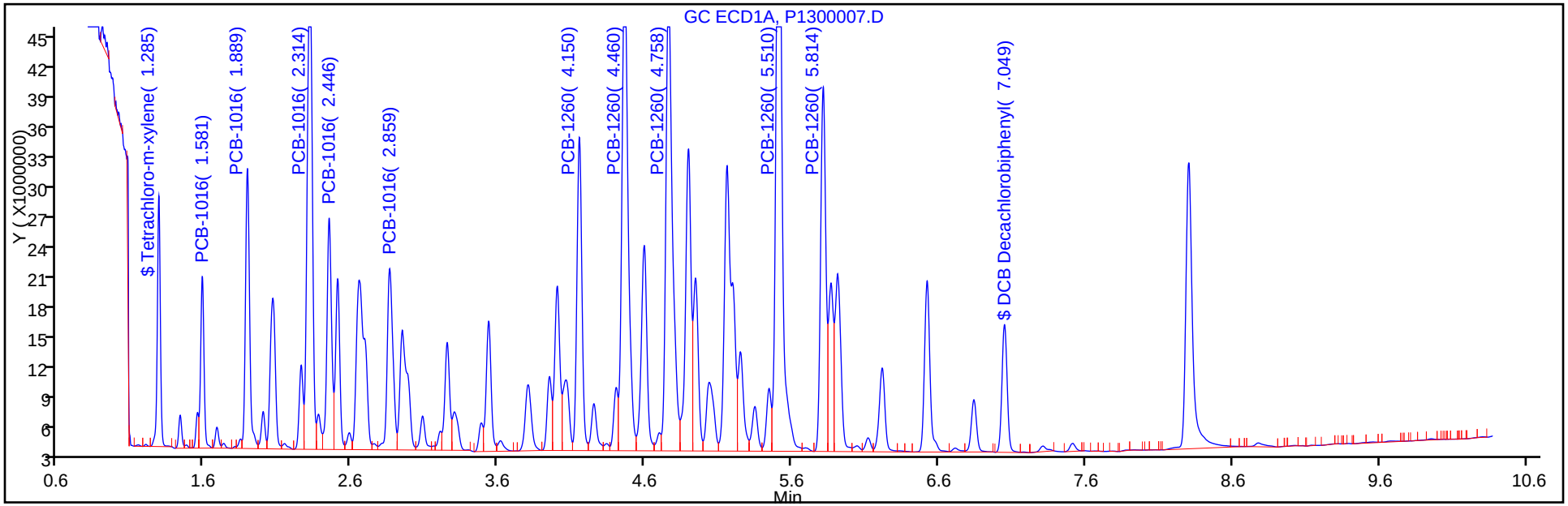
Report Date: 21-Dec-2012 11:50:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

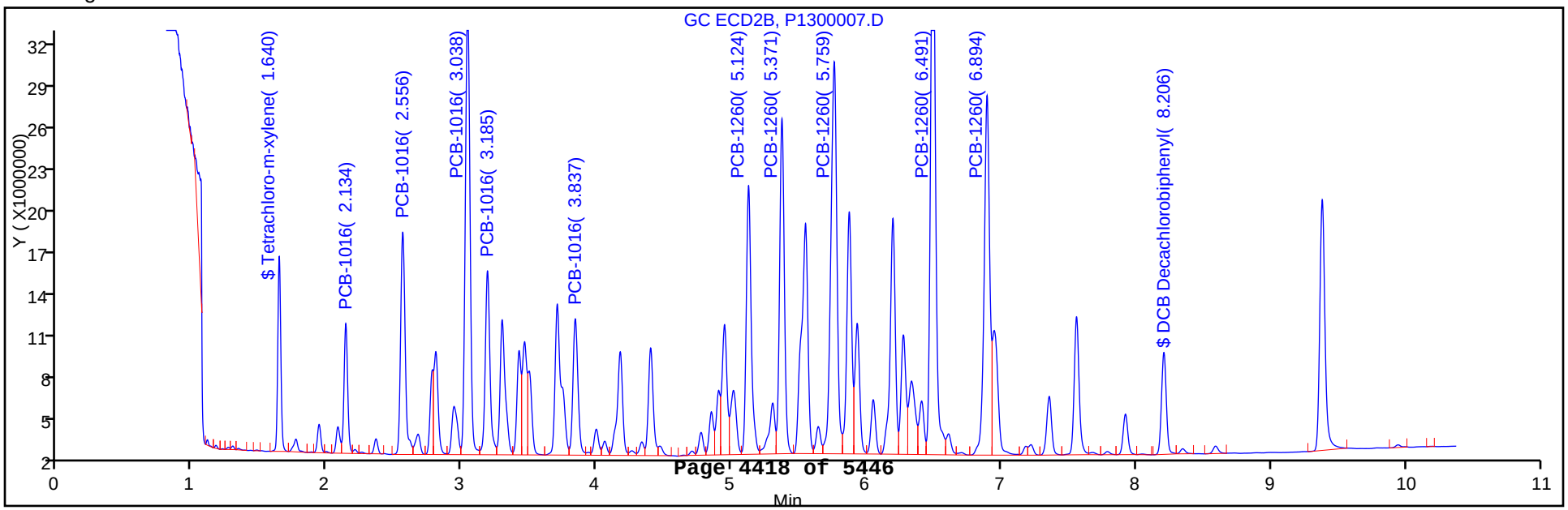
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Injection Date:	20-Dec-2012 15:39:30	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MSD Lab Sample ID: 240-18544-19 MSD

Matrix: Solid Lab File ID: P1300008.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 15:27

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.74(g) Date Analyzed: 12/20/2012 15:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	246		66	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	245		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		40-140
2051-24-3	DCB Decachlorobiphenyl	68		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300008.D		
Lims ID:	240-18544-V-19-H MSD	Client ID:	076SB-0100M-0002-SO
Inject. Date:	20-Dec-2012 15:54:27	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	240-0016044-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	8
Lims Batch ID:	69521	Lims Sample ID:	8
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: hassl		Date:	21-Dec-2012 11:45:41

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.285	-0.001	35966249	0.0158			
2	2	1.639	1.640	-0.001	22296560	0.0155			
						RPD = 1.53			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									M
1	100	1.580	1.580	0.000	25981778	0.6391		100.0	
1	2	1.888	1.887	0.001	54469019	0.7578	149.3- 199.3	209.6	M
1	3	2.313	2.314	-0.001	116218013	0.7487	350.2- 400.2	447.3	M
1	4	2.445	2.445	0.000	50846940	0.7887	130.7- 180.7	195.7	M
1	5	2.857	2.857	0.000	49407894	0.7282	137.9- 187.9	190.2	M
			Average of Peak Amounts =			0.7325			
2	6	2.133	2.133	0.000	17667720	0.7862		100.0	
2	7	2.556	2.556	0.000	38442451	0.8195	176.5- 236.5	217.6	
2	8	3.038	3.038	0.000	80261625	0.8834	362.5- 422.5	454.3	
2	9	3.185	3.185	0.000	33114154	0.8553	137.9- 197.9	187.4	
2	10	3.837	3.837	0.000	26669449	0.7394	118.8- 178.8	151.0	
			Average of Peak Amounts =			0.8168			
						RPD = 10.88			
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	4.151	4.150	0.001	75248198	0.7424		100.0	M
1	2	4.459	4.460	-0.001	147780657	0.7366	175.1- 225.1	196.4	M
1	3	4.760	4.758	0.002	147734154	0.7385	173.2- 223.2	196.3	M
1	4	5.510	5.510	0.000	197229744	0.7256	244.1- 294.1	262.1	M
1	5	5.814	5.811	0.003	91046785	0.7050	101.5- 151.5	121.0	M
			Average of Peak Amounts =			0.7296			
2	6	5.124	5.123	0.001	51813358	0.7774		100.0	
2	7	5.371	5.370	0.001	61407073	0.8312	86.6- 146.6	118.5	
2	8	5.758	5.759	-0.001	91205497	0.7806	142.9- 202.9	176.0	
2	9	6.490	6.490	0.000	111835024	0.7860	179.5- 239.5	215.8	
2	10	6.893	6.893	0.000	76016448	0.7300	121.8- 181.8	146.7	
			Average of Peak Amounts =			0.7810			
						RPD = 6.81			
9 PCB-1262									
1	100		4.461						
1	2		4.892						
1	3		5.155						
1	4		5.508						
1	5		5.907						
2	6		5.370						
2	7		5.869						
2	8		6.194						
2	9		6.491						
2	10		6.892						
11 PCB-1268									
1	100		5.864						
1	2		5.903						
1	3		6.117						
1	4		6.520						
1	5		6.838						
2	6		6.890						
2	7		6.940						
2	8		7.221						
2	9		7.556						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.046	0.002	31779945	0.0136			
2	2	8.205	8.205	0.000	17898214	0.0133			
						RPD = 2.41			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

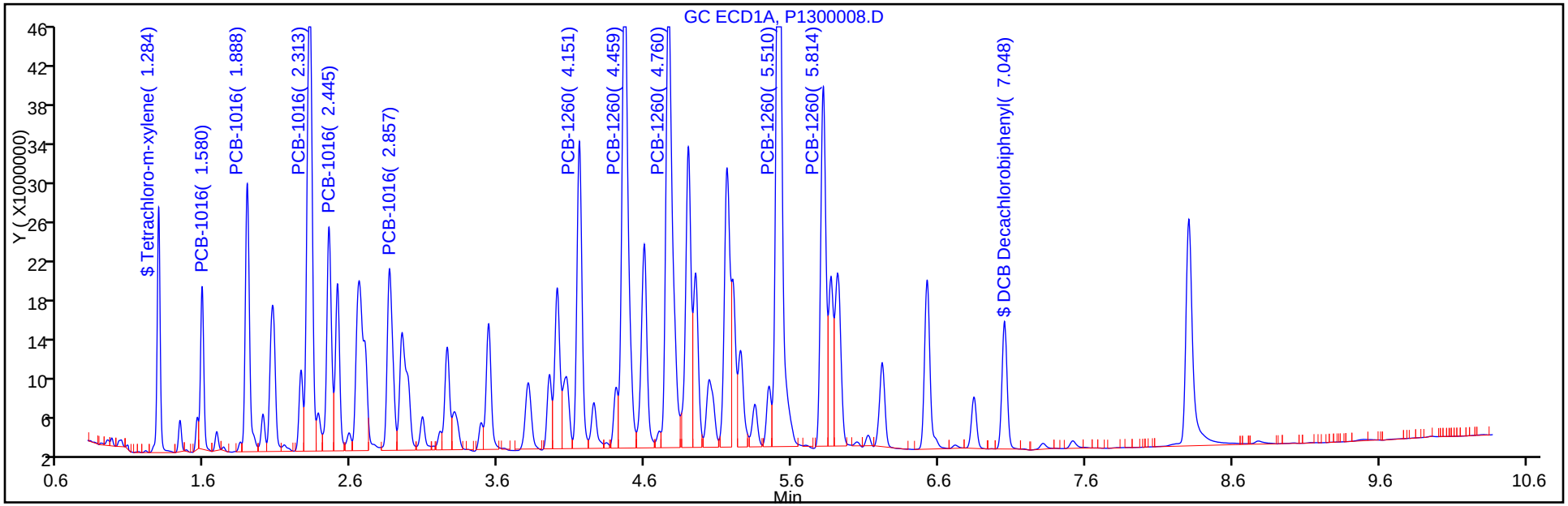
Report Date: 21-Dec-2012 11:50:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

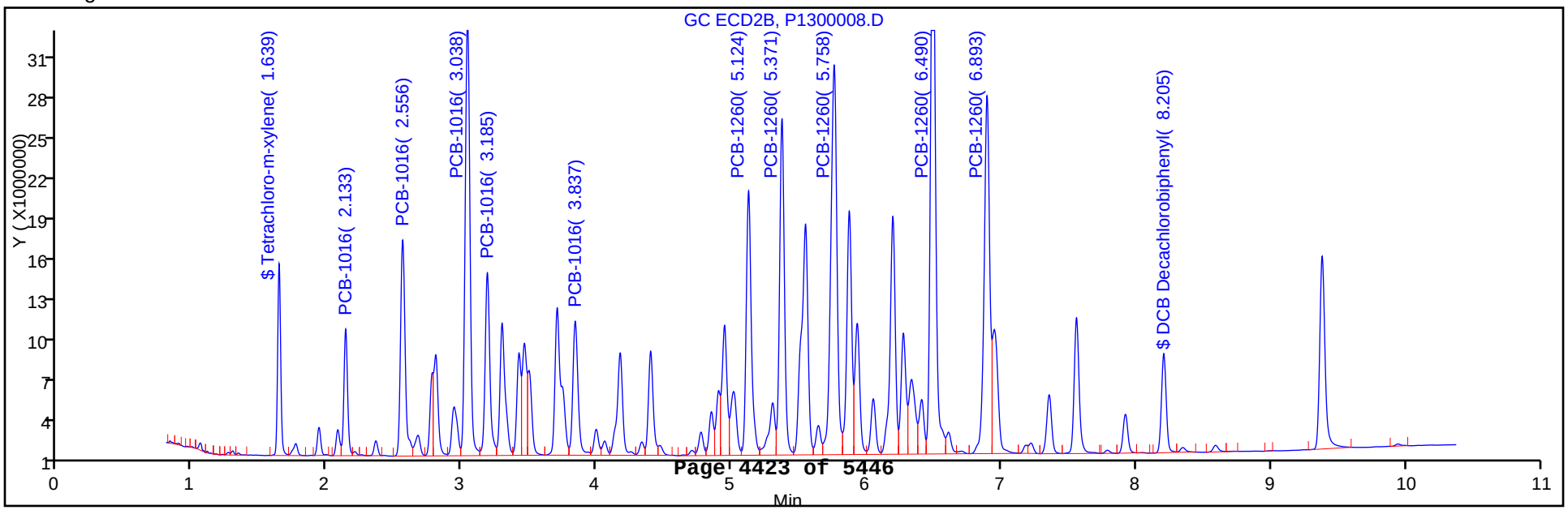
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Injection Date:	20-Dec-2012 15:54:27	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



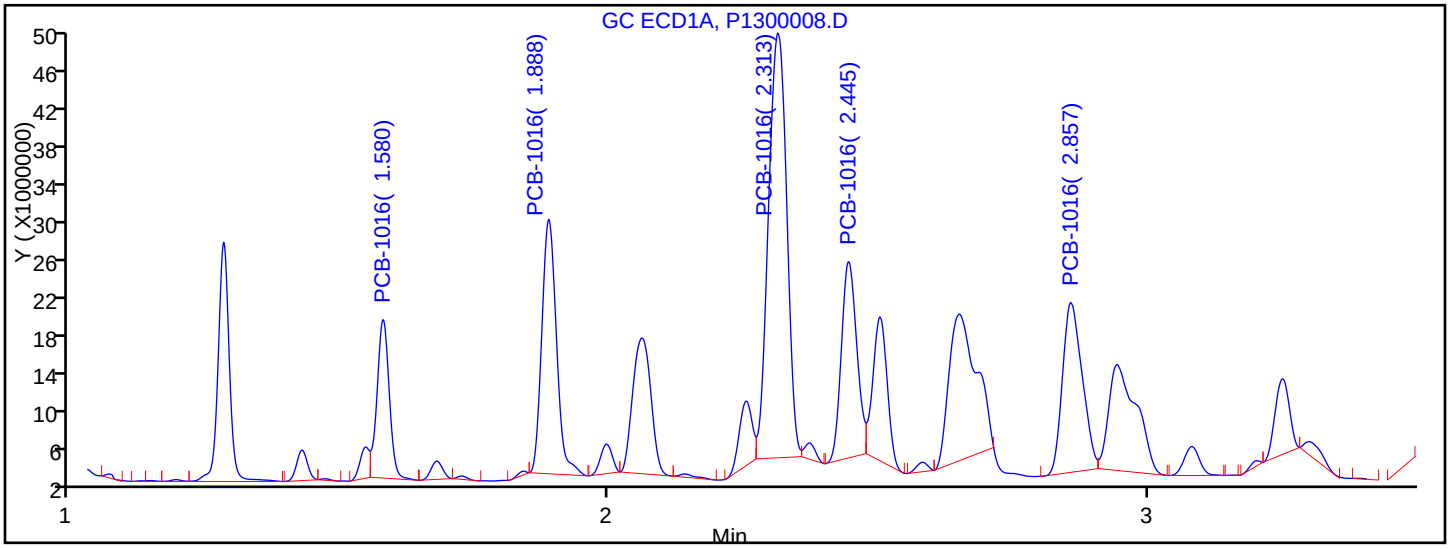
Report Date: 21-Dec-2012 11:50:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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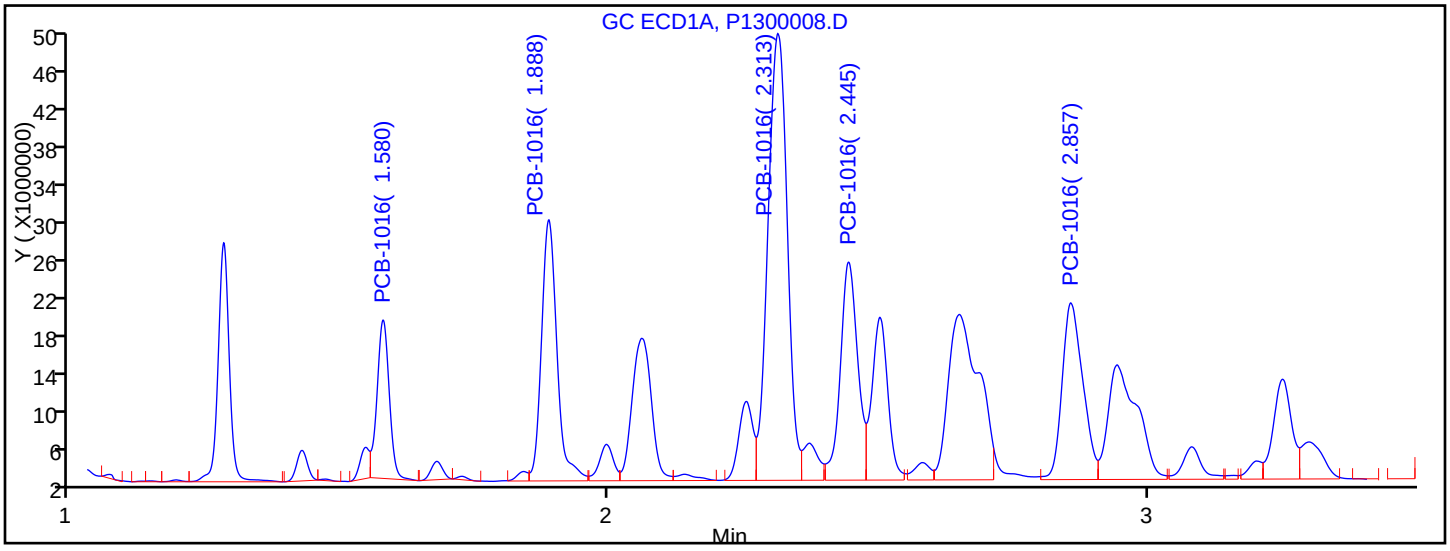
Injection Date:	20-Dec-2012 15:54:27	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.580	Response = 25981778	
RT = 1.888	Response = 50196873	M
RT = 2.313	Response = 104542405	M
RT = 2.445	Response = 40832779	M
RT = 2.857	Response = 44964291	M



Manual Integration Results

RT = 1.580	Response = 25981778	
RT = 1.888	Response = 54469019	M
RT = 2.313	Response = 116218013	M
RT = 2.445	Response = 50846940	M
RT = 2.857	Response = 49407894	M

Reviewer: hassl, 21-Dec-2012 11:46:08

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

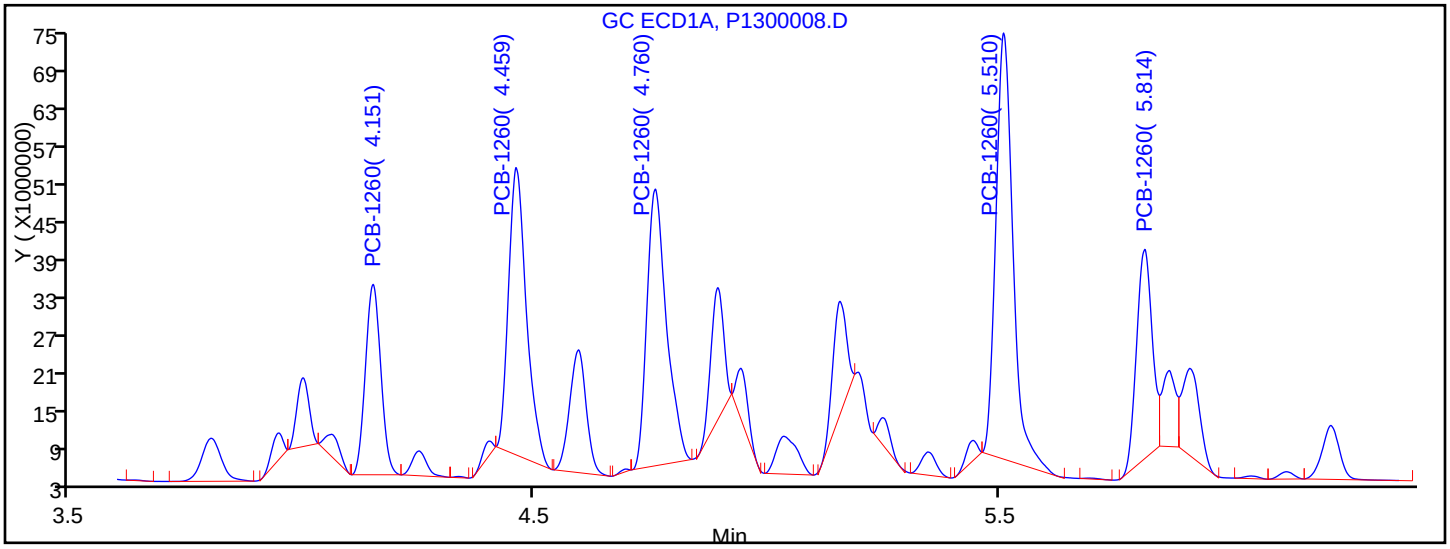
Report Date: 21-Dec-2012 11:50:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300008.D

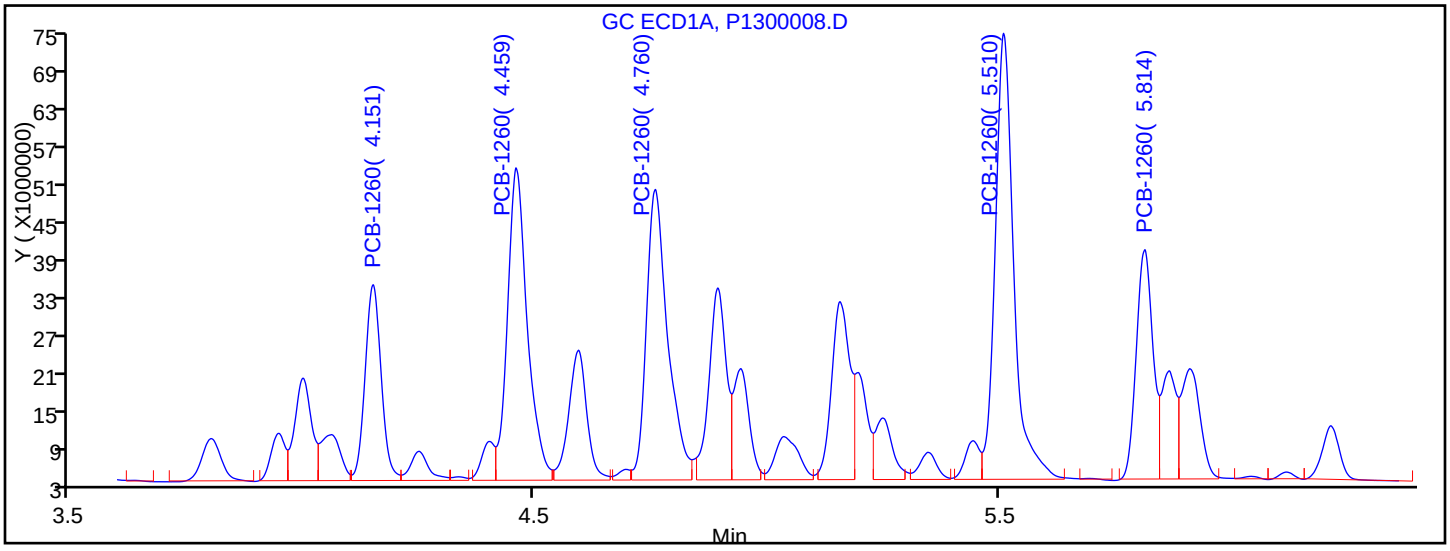
Injection Date:	20-Dec-2012 15:54:27	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A



Processing Integration Results

RT = 4.151	Response = 69743868	M
RT = 4.459	Response = 122587816	M
RT = 4.760	Response = 129223650	M
RT = 5.510	Response = 174267232	M
RT = 5.814	Response = 78185953	M



Manual Integration Results

RT = 4.151	Response = 75248198	M
RT = 4.459	Response = 147780657	M
RT = 4.760	Response = 147734154	M
RT = 5.510	Response = 197229744	M
RT = 5.814	Response = 91046785	M

Reviewer: hassl, 21-Dec-2012 11:46:08

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MSD Lab Sample ID: 240-18544-19 MSD

Matrix: Solid Lab File ID: P1300008.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 15:27

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.74(g) Date Analyzed: 12/20/2012 15:54

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		40-140
2051-24-3	DCB Decachlorobiphenyl	66		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300008.D		
Lims ID:	240-18544-V-19-H MSD	Client ID:	076SB-0100M-0002-SO
Inject. Date:	20-Dec-2012 15:54:27	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	240-0016044-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	8
Lims Batch ID:	69521	Lims Sample ID:	8
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:45:41

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.285	-0.001	35966249	0.0158			
2	2	1.639	1.640	-0.001	22296560	0.0155			
						RPD = 1.53			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									M
1	100	1.580	1.580	0.000	25981778	0.6391		100.0	
1	2	1.888	1.887	0.001	54469019	0.7578	149.3- 199.3	209.6	M
1	3	2.313	2.314	-0.001	116218013	0.7487	350.2- 400.2	447.3	M
1	4	2.445	2.445	0.000	50846940	0.7887	130.7- 180.7	195.7	M
1	5	2.857	2.857	0.000	49407894	0.7282	137.9- 187.9	190.2	M
			Average of Peak Amounts =			0.7325			
2	6	2.133	2.133	0.000	17667720	0.7862		100.0	
2	7	2.556	2.556	0.000	38442451	0.8195	176.5- 236.5	217.6	
2	8	3.038	3.038	0.000	80261625	0.8834	362.5- 422.5	454.3	
2	9	3.185	3.185	0.000	33114154	0.8553	137.9- 197.9	187.4	
2	10	3.837	3.837	0.000	26669449	0.7394	118.8- 178.8	151.0	
			Average of Peak Amounts =			0.8168			
						RPD = 10.88			
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	4.151	4.150	0.001	75248198	0.7424		100.0	M
1	2	4.459	4.460	-0.001	147780657	0.7366	175.1- 225.1	196.4	M
1	3	4.760	4.758	0.002	147734154	0.7385	173.2- 223.2	196.3	M
1	4	5.510	5.510	0.000	197229744	0.7256	244.1- 294.1	262.1	M
1	5	5.814	5.811	0.003	91046785	0.7050	101.5- 151.5	121.0	M
			Average of Peak Amounts =			0.7296			
2	6	5.124	5.123	0.001	51813358	0.7774		100.0	
2	7	5.371	5.370	0.001	61407073	0.8312	86.6- 146.6	118.5	
2	8	5.758	5.759	-0.001	91205497	0.7806	142.9- 202.9	176.0	
2	9	6.490	6.490	0.000	111835024	0.7860	179.5- 239.5	215.8	
2	10	6.893	6.893	0.000	76016448	0.7300	121.8- 181.8	146.7	
			Average of Peak Amounts =			0.7810			
						RPD = 6.81			
9 PCB-1262									
1	100		4.461						
1	2		4.892						
1	3		5.155						
1	4		5.508						
1	5		5.907						
2	6		5.370						
2	7		5.869						
2	8		6.194						
2	9		6.491						
2	10		6.892						
11 PCB-1268									
1	100		5.864						
1	2		5.903						
1	3		6.117						
1	4		6.520						
1	5		6.838						
2	6		6.890						
2	7		6.940						
2	8		7.221						
2	9		7.556						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.046	0.002	31779945	0.0136			
2	2	8.205	8.205	0.000	17898214	0.0133			
						RPD = 2.41			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

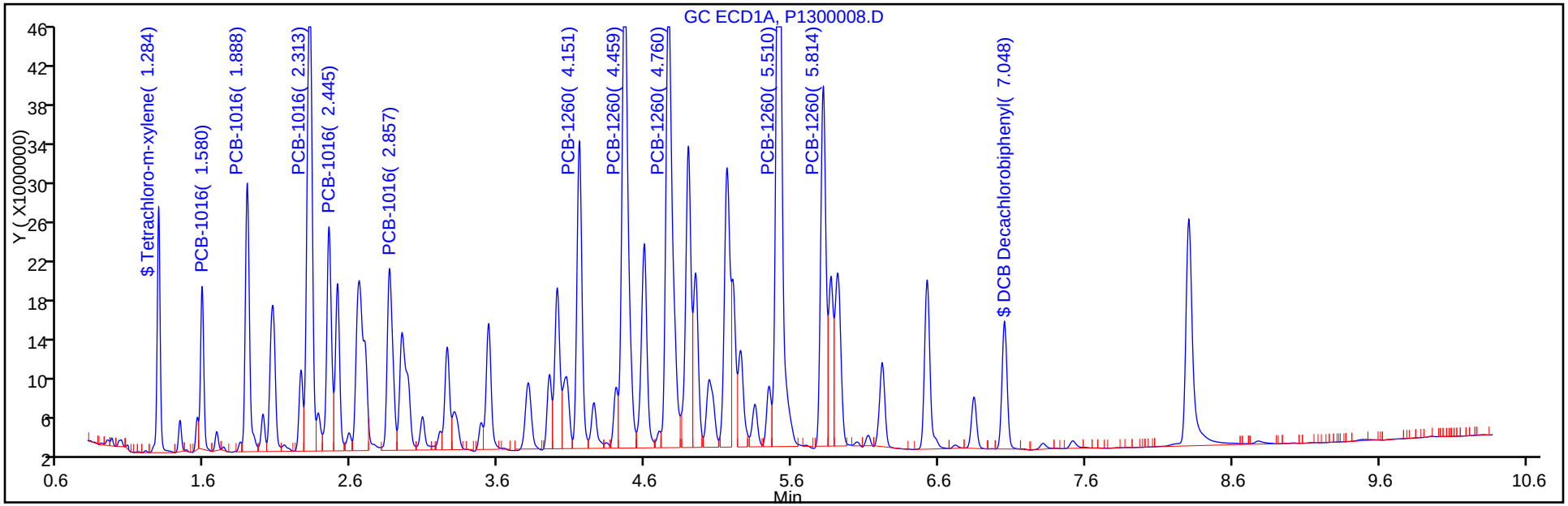
Report Date: 21-Dec-2012 11:50:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

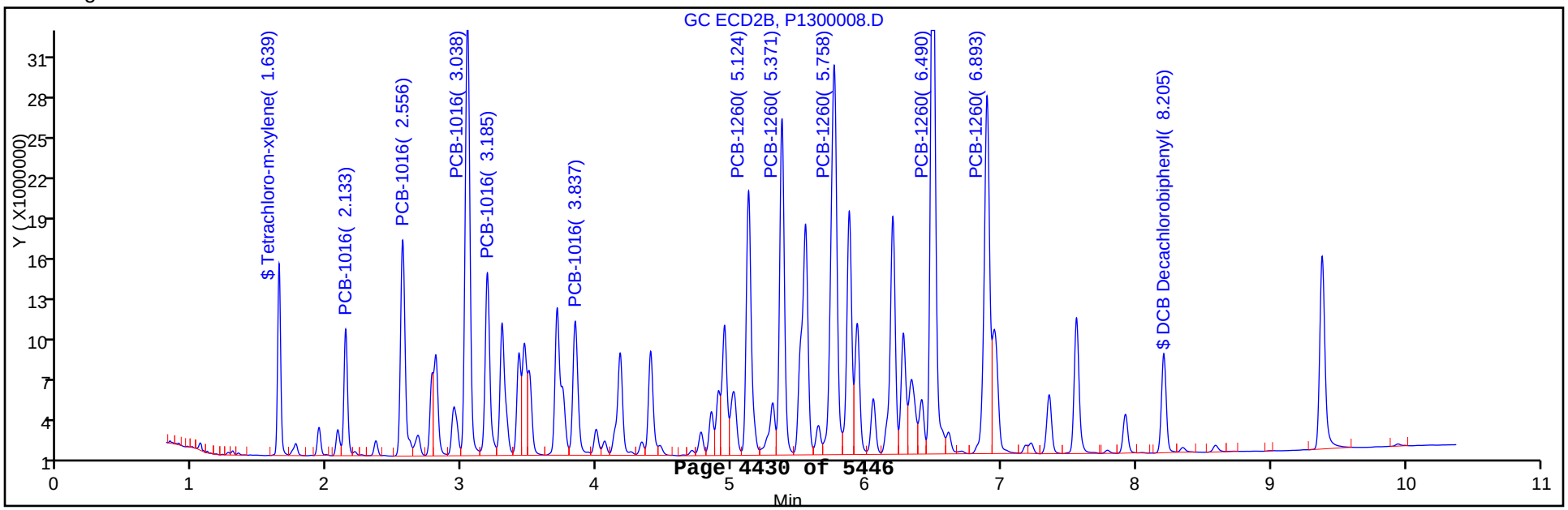
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300008.D

Injection Date:	20-Dec-2012 15:54:27	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Start Date: 10/21/2012 16:53

Analysis Batch Number: 62068 End Date: 10/22/2012 05:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-62068/3 IC		10/21/2012 16:53	1	P1300003.D	CLP-1 0.53(mm)
STD005 240-62068/3 IC		10/21/2012 16:53	1	P1300003.D	CLP-2 0.53(mm)
STD01 240-62068/4 IC		10/21/2012 17:08	1	P1300004.D	CLP-1 0.53(mm)
STD01 240-62068/4 IC		10/21/2012 17:08	1	P1300004.D	CLP-2 0.53(mm)
STD02 240-62068/5 IC		10/21/2012 17:23	1	P1300005.D	CLP-1 0.53(mm)
STD02 240-62068/5 IC		10/21/2012 17:23	1	P1300005.D	CLP-2 0.53(mm)
STD05 240-62068/6 IC		10/21/2012 17:38	1	P1300006.D	CLP-1 0.53(mm)
STD05 240-62068/6 IC		10/21/2012 17:38	1	P1300006.D	CLP-2 0.53(mm)
STD1 240-62068/7 IC		10/21/2012 17:53	1	P1300007.D	CLP-1 0.53(mm)
STD1 240-62068/7 IC		10/21/2012 17:53	1	P1300007.D	CLP-2 0.53(mm)
STD2 240-62068/8 IC		10/21/2012 18:07	1	P1300008.D	CLP-1 0.53(mm)
STD2 240-62068/8 IC		10/21/2012 18:07	1	P1300008.D	CLP-2 0.53(mm)
STD005 240-62068/9 IC		10/21/2012 18:22	1	P1300009.D	CLP-1 0.53(mm)
STD005 240-62068/9 IC		10/21/2012 18:22	1	P1300009.D	CLP-2 0.53(mm)
STD01 240-62068/10 IC		10/21/2012 18:37	1	P1300010.D	CLP-1 0.53(mm)
STD01 240-62068/10 IC		10/21/2012 18:37	1	P1300010.D	CLP-2 0.53(mm)
STD02 240-62068/11 IC		10/21/2012 18:52	1	P1300011.D	CLP-1 0.53(mm)
STD02 240-62068/11 IC		10/21/2012 18:52	1	P1300011.D	CLP-2 0.53(mm)
STD05 240-62068/12 IC		10/21/2012 19:07	1	P1300012.D	CLP-1 0.53(mm)
STD05 240-62068/12 IC		10/21/2012 19:07	1	P1300012.D	CLP-2 0.53(mm)
STD1 240-62068/13 IC		10/21/2012 19:22	1	P1300013.D	CLP-1 0.53(mm)
STD1 240-62068/13 IC		10/21/2012 19:22	1	P1300013.D	CLP-2 0.53(mm)
STD2 240-62068/14 IC		10/21/2012 19:37	1	P1300014.D	CLP-1 0.53(mm)
STD2 240-62068/14 IC		10/21/2012 19:37	1	P1300014.D	CLP-2 0.53(mm)
STD005 240-62068/15 IC		10/21/2012 19:52	1	P1300015.D	CLP-1 0.53(mm)
STD005 240-62068/15 IC		10/21/2012 19:52	1	P1300015.D	CLP-2 0.53(mm)
STD01 240-62068/16 IC		10/21/2012 20:07	1	P1300016.D	CLP-1 0.53(mm)
STD01 240-62068/16 IC		10/21/2012 20:07	1	P1300016.D	CLP-2 0.53(mm)
STD02 240-62068/17 IC		10/21/2012 20:22	1	P1300017.D	CLP-1 0.53(mm)
STD02 240-62068/17 IC		10/21/2012 20:22	1	P1300017.D	CLP-2 0.53(mm)
STD05 240-62068/18 IC		10/21/2012 20:37	1	P1300018.D	CLP-1 0.53(mm)
STD05 240-62068/18 IC		10/21/2012 20:37	1	P1300018.D	CLP-2 0.53(mm)
STD1 240-62068/19 IC		10/21/2012 20:52	1	P1300019.D	CLP-1 0.53(mm)
STD1 240-62068/19 IC		10/21/2012 20:52	1	P1300019.D	CLP-2 0.53(mm)
STD2 240-62068/20 IC		10/21/2012 21:07	1	P1300020.D	CLP-1 0.53(mm)
STD2 240-62068/20 IC		10/21/2012 21:07	1	P1300020.D	CLP-2 0.53(mm)
STD005 240-62068/21 IC		10/21/2012 21:21	1	P1300021.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Start Date: 10/21/2012 16:53

Analysis Batch Number: 62068 End Date: 10/22/2012 05:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-62068/21 IC		10/21/2012 21:21	1	P1300021.D	CLP-2 0.53(mm)
STD01 240-62068/22 IC		10/21/2012 21:36	1	P1300022.D	CLP-1 0.53(mm)
STD01 240-62068/22 IC		10/21/2012 21:36	1	P1300022.D	CLP-2 0.53(mm)
STD02 240-62068/23 IC		10/21/2012 21:51	1	P1300023.D	CLP-1 0.53(mm)
STD02 240-62068/23 IC		10/21/2012 21:51	1	P1300023.D	CLP-2 0.53(mm)
STD05 240-62068/24 IC		10/21/2012 22:06	1	P1300024.D	CLP-1 0.53(mm)
STD05 240-62068/24 IC		10/21/2012 22:06	1	P1300024.D	CLP-2 0.53(mm)
STD1 240-62068/25 IC		10/21/2012 22:21	1	P1300025.D	CLP-1 0.53(mm)
STD1 240-62068/25 IC		10/21/2012 22:21	1	P1300025.D	CLP-2 0.53(mm)
STD2 240-62068/26 IC		10/21/2012 22:36	1	P1300026.D	CLP-1 0.53(mm)
STD2 240-62068/26 IC		10/21/2012 22:36	1	P1300026.D	CLP-2 0.53(mm)
STD005 240-62068/27 IC		10/21/2012 22:51	1	P1300027.D	CLP-1 0.53(mm)
STD005 240-62068/27 IC		10/21/2012 22:51	1	P1300027.D	CLP-2 0.53(mm)
STD01 240-62068/28 IC		10/21/2012 23:06	1	P1300028.D	CLP-1 0.53(mm)
STD01 240-62068/28 IC		10/21/2012 23:06	1	P1300028.D	CLP-2 0.53(mm)
STD02 240-62068/29 IC		10/21/2012 23:21	1	P1300029.D	CLP-1 0.53(mm)
STD02 240-62068/29 IC		10/21/2012 23:21	1	P1300029.D	CLP-2 0.53(mm)
STD05 240-62068/30 ICRT		10/21/2012 23:36	1	P1300030.D	CLP-1 0.53(mm)
STD05 240-62068/30 ICRT		10/21/2012 23:36	1	P1300030.D	CLP-2 0.53(mm)
STD1 240-62068/31 IC		10/21/2012 23:50	1	P1300031.D	CLP-1 0.53(mm)
STD1 240-62068/31 IC		10/21/2012 23:50	1	P1300031.D	CLP-2 0.53(mm)
STD2 240-62068/32 IC		10/22/2012 00:05	1	P1300032.D	CLP-1 0.53(mm)
STD2 240-62068/32 IC		10/22/2012 00:05	1	P1300032.D	CLP-2 0.53(mm)
STD005 240-62068/33 IC		10/22/2012 00:20	1		CLP-1 0.53(mm)
STD005 240-62068/33 IC		10/22/2012 00:20	1		CLP-2 0.53(mm)
STD01 240-62068/34 IC		10/22/2012 00:35	1		CLP-1 0.53(mm)
STD01 240-62068/34 IC		10/22/2012 00:35	1		CLP-2 0.53(mm)
STD02 240-62068/35 IC		10/22/2012 00:50	1		CLP-1 0.53(mm)
STD02 240-62068/35 IC		10/22/2012 00:50	1		CLP-2 0.53(mm)
STD05 240-62068/36 IC		10/22/2012 01:05	1		CLP-1 0.53(mm)
STD05 240-62068/36 IC		10/22/2012 01:05	1		CLP-2 0.53(mm)
STD1 240-62068/37 IC		10/22/2012 01:20	1		CLP-1 0.53(mm)
STD1 240-62068/37 IC		10/22/2012 01:20	1		CLP-2 0.53(mm)
STD2 240-62068/38 IC		10/22/2012 01:35	1		CLP-1 0.53(mm)
STD2 240-62068/38 IC		10/22/2012 01:35	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Start Date: 10/21/2012 16:53

Analysis Batch Number: 62068 End Date: 10/22/2012 05:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-62068/39 IC		10/22/2012 01:50	1		CLP-1 0.53(mm)
STD005 240-62068/39 IC		10/22/2012 01:50	1		CLP-2 0.53(mm)
STD01 240-62068/40 IC		10/22/2012 02:05	1		CLP-1 0.53(mm)
STD01 240-62068/40 IC		10/22/2012 02:05	1		CLP-2 0.53(mm)
STD02 240-62068/41 IC		10/22/2012 02:20	1		CLP-1 0.53(mm)
STD02 240-62068/41 IC		10/22/2012 02:20	1		CLP-2 0.53(mm)
STD05 240-62068/42 IC		10/22/2012 02:34	1		CLP-1 0.53(mm)
STD05 240-62068/42 IC		10/22/2012 02:34	1		CLP-2 0.53(mm)
STD1 240-62068/43 IC		10/22/2012 02:49	1		CLP-1 0.53(mm)
STD1 240-62068/43 IC		10/22/2012 02:49	1		CLP-2 0.53(mm)
STD2 240-62068/44 IC		10/22/2012 03:04	1		CLP-1 0.53(mm)
STD2 240-62068/44 IC		10/22/2012 03:04	1		CLP-2 0.53(mm)
ICV 240-62068/45		10/22/2012 03:19	1	P1300045.D	CLP-1 0.53(mm)
ICV 240-62068/45		10/22/2012 03:19	1	P1300045.D	CLP-2 0.53(mm)
ICV 240-62068/46		10/22/2012 03:34	1	P1300046.D	CLP-1 0.53(mm)
ICV 240-62068/46		10/22/2012 03:34	1	P1300046.D	CLP-2 0.53(mm)
ICV 240-62068/47		10/22/2012 03:49	1	P1300047.D	CLP-1 0.53(mm)
ICV 240-62068/47		10/22/2012 03:49	1	P1300047.D	CLP-2 0.53(mm)
ICV 240-62068/48		10/22/2012 04:04	1	P1300048.D	CLP-1 0.53(mm)
ICV 240-62068/48		10/22/2012 04:04	1	P1300048.D	CLP-2 0.53(mm)
ICV 240-62068/49		10/22/2012 04:19	1	P1300049.D	CLP-1 0.53(mm)
ICV 240-62068/49		10/22/2012 04:19	1	P1300049.D	CLP-2 0.53(mm)
ICV 240-62068/50		10/22/2012 04:34	1	P1300050.D	CLP-1 0.53(mm)
ICV 240-62068/50		10/22/2012 04:34	1	P1300050.D	CLP-2 0.53(mm)
ICV 240-62068/51		10/22/2012 04:49	1		CLP-1 0.53(mm)
ICV 240-62068/51		10/22/2012 04:49	1		CLP-2 0.53(mm)
ICV 240-62068/52		10/22/2012 05:03	1		CLP-1 0.53(mm)
ICV 240-62068/52		10/22/2012 05:03	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Start Date: 12/20/2012 14:39

Analysis Batch Number: 69521 End Date: 12/20/2012 20:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-69521/3 CCVRT		12/20/2012 14:39	1	P1300003.D	CLP-1 0.53(mm)
CCV 240-69521/3 CCVRT		12/20/2012 14:39	1	P1300003.D	CLP-2 0.53(mm)
MRL 240-69521/4		12/20/2012 14:54	1	P1300004.D	CLP-1 0.53(mm)
MRL 240-69521/4		12/20/2012 14:54	1	P1300004.D	CLP-2 0.53(mm)
240-18544-16	076SB-0098-0001-SO	12/20/2012 15:09	1	P1300005.D	CLP-1 0.53(mm)
240-18544-16	076SB-0098-0001-SO	12/20/2012 15:09	1	P1300005.D	CLP-2 0.53(mm)
240-18544-19	076SB-0100M-0001-SO	12/20/2012 15:24	1	P1300006.D	CLP-1 0.53(mm)
240-18544-19	076SB-0100M-0001-SO	12/20/2012 15:24	1	P1300006.D	CLP-2 0.53(mm)
240-18544-19 MS	076SB-0100M-0001-SO MS	12/20/2012 15:39	1	P1300007.D	CLP-1 0.53(mm)
240-18544-19 MS	076SB-0100M-0001-SO MS	12/20/2012 15:39	1	P1300007.D	CLP-2 0.53(mm)
240-18544-19 MSD	076SB-0100M-0001-SO MSD	12/20/2012 15:54	1	P1300008.D	CLP-1 0.53(mm)
240-18544-19 MSD	076SB-0100M-0001-SO MSD	12/20/2012 15:54	1	P1300008.D	CLP-2 0.53(mm)
240-18544-20	076SB-0101M-0001-SO	12/20/2012 16:09	1	P1300009.D	CLP-1 0.53(mm)
240-18544-20	076SB-0101M-0001-SO	12/20/2012 16:09	1	P1300009.D	CLP-2 0.53(mm)
240-18544-21	076SB-0102M-0001-SO	12/20/2012 16:24	1	P1300010.D	CLP-1 0.53(mm)
240-18544-21	076SB-0102M-0001-SO	12/20/2012 16:24	1	P1300010.D	CLP-2 0.53(mm)
240-18544-22	076SB-0103M-0001-SO	12/20/2012 16:39	1	P1300011.D	CLP-1 0.53(mm)
240-18544-22	076SB-0103M-0001-SO	12/20/2012 16:39	1	P1300011.D	CLP-2 0.53(mm)
240-18544-23	076SB-0104M-0001-SO	12/20/2012 16:54	1	P1300012.D	CLP-1 0.53(mm)
240-18544-23	076SB-0104M-0001-SO	12/20/2012 16:54	1	P1300012.D	CLP-2 0.53(mm)
240-18544-24	076SB-0105M-0001-SO	12/20/2012 17:09	1	P1300013.D	CLP-1 0.53(mm)
240-18544-24	076SB-0105M-0001-SO	12/20/2012 17:09	1	P1300013.D	CLP-2 0.53(mm)
MB 240-69187/19-A		12/20/2012 17:24	1	P1300014.D	CLP-1 0.53(mm)
MB 240-69187/19-A		12/20/2012 17:24	1	P1300014.D	CLP-2 0.53(mm)
CCV 240-69521/15		12/20/2012 17:39	1	P1300015.D	CLP-1 0.53(mm)
CCV 240-69521/15		12/20/2012 17:39	1	P1300015.D	CLP-2 0.53(mm)
240-18544-25	076SB-0106M-0001-SO	12/20/2012 17:54	1	P1300016.D	CLP-1 0.53(mm)
240-18544-25	076SB-0106M-0001-SO	12/20/2012 17:54	1	P1300016.D	CLP-2 0.53(mm)
240-18544-26	076SB-0107M-0001-SO	12/20/2012 18:09	1	P1300017.D	CLP-1 0.53(mm)
240-18544-26	076SB-0107M-0001-SO	12/20/2012 18:09	1	P1300017.D	CLP-2 0.53(mm)
240-18544-27	076SB-0108M-0001-SO	12/20/2012 18:24	1	P1300018.D	CLP-1 0.53(mm)
240-18544-27	076SB-0108M-0001-SO	12/20/2012 18:24	1	P1300018.D	CLP-2 0.53(mm)
240-18544-28	076SB-0109M-0001-SO	12/20/2012 18:39	1	P1300019.D	CLP-1 0.53(mm)
240-18544-28	076SB-0109M-0001-SO	12/20/2012 18:39	1	P1300019.D	CLP-2 0.53(mm)
240-18544-29	076SB-0110M-0001-SO	12/20/2012 18:54	1	P1300020.D	CLP-1 0.53(mm)
240-18544-29	076SB-0110M-0001-SO	12/20/2012 18:54	1	P1300020.D	CLP-2 0.53(mm)
240-18544-31	076SB-0112M-0001-SO	12/20/2012 19:09	1	P1300021.D	CLP-1 0.53(mm)
240-18544-31	076SB-0112M-0001-SO	12/20/2012 19:09	1	P1300021.D	CLP-2 0.53(mm)
240-18544-33	076SB-0114M-0001-SO	12/20/2012 19:24	1	P1300022.D	CLP-1 0.53(mm)
240-18544-33	076SB-0114M-0001-SO	12/20/2012 19:24	1	P1300022.D	CLP-2 0.53(mm)
240-18544-34	076SB-0115M-0001-SO	12/20/2012 19:39	1	P1300023.D	CLP-1 0.53(mm)
240-18544-34	076SB-0115M-0001-SO	12/20/2012 19:39	1	P1300023.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP13 Start Date: 12/20/2012 14:39

Analysis Batch Number: 69521 End Date: 12/20/2012 20:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
LCS 240-69187/20-A		12/20/2012 20:09	1	P1300025.D	CLP-1 0.53(mm)
LCS 240-69187/20-A		12/20/2012 20:09	1	P1300025.D	CLP-2 0.53(mm)
CCV 240-69521/26		12/20/2012 20:23	1	P1300026.D	CLP-1 0.53(mm)
CCV 240-69521/26		12/20/2012 20:23	1	P1300026.D	CLP-2 0.53(mm)
MRL 240-69521/27		12/20/2012 20:38	1	P1300027.D	CLP-1 0.53(mm)
MRL 240-69521/27		12/20/2012 20:38	1	P1300027.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP4 Start Date: 12/04/2012 08:26

Analysis Batch Number: 67207 End Date: 12/04/2012 21:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-67207/3 IC		12/04/2012 08:26	1	P4000003.D	CLP-1 0.53(mm)
STD005 240-67207/3 IC		12/04/2012 08:26	1	P4000003.D	CLP-2 0.53(mm)
STD01 240-67207/4 IC		12/04/2012 08:42	1	P4000004.D	CLP-1 0.53(mm)
STD01 240-67207/4 IC		12/04/2012 08:42	1	P4000004.D	CLP-2 0.53(mm)
STD02 240-67207/5 IC		12/04/2012 08:58	1	P4000005.D	CLP-1 0.53(mm)
STD02 240-67207/5 IC		12/04/2012 08:58	1	P4000005.D	CLP-2 0.53(mm)
STD05 240-67207/6 IC		12/04/2012 09:13	1	P4000006.D	CLP-1 0.53(mm)
STD05 240-67207/6 IC		12/04/2012 09:13	1	P4000006.D	CLP-2 0.53(mm)
STD1 240-67207/7 IC		12/04/2012 09:29	1	P4000007.D	CLP-1 0.53(mm)
STD1 240-67207/7 IC		12/04/2012 09:29	1	P4000007.D	CLP-2 0.53(mm)
STD2 240-67207/8 IC		12/04/2012 09:45	1	P4000008.D	CLP-1 0.53(mm)
STD2 240-67207/8 IC		12/04/2012 09:45	1	P4000008.D	CLP-2 0.53(mm)
STD005 240-67207/9 IC		12/04/2012 10:07	1	P4000009.D	CLP-1 0.53(mm)
STD005 240-67207/9 IC		12/04/2012 10:07	1	P4000009.D	CLP-2 0.53(mm)
STD01 240-67207/10 IC		12/04/2012 10:22	1	P4000010.D	CLP-1 0.53(mm)
STD01 240-67207/10 IC		12/04/2012 10:22	1	P4000010.D	CLP-2 0.53(mm)
STD02 240-67207/11 IC		12/04/2012 10:38	1	P4000011.D	CLP-1 0.53(mm)
STD02 240-67207/11 IC		12/04/2012 10:38	1	P4000011.D	CLP-2 0.53(mm)
STD05 240-67207/12 IC		12/04/2012 10:54	1	P4000012.D	CLP-1 0.53(mm)
STD05 240-67207/12 IC		12/04/2012 10:54	1	P4000012.D	CLP-2 0.53(mm)
STD1 240-67207/13 IC		12/04/2012 11:10	1	P4000013.D	CLP-1 0.53(mm)
STD1 240-67207/13 IC		12/04/2012 11:10	1	P4000013.D	CLP-2 0.53(mm)
STD2 240-67207/14 IC		12/04/2012 11:25	1	P4000014.D	CLP-1 0.53(mm)
STD2 240-67207/14 IC		12/04/2012 11:25	1	P4000014.D	CLP-2 0.53(mm)
STD005 240-67207/15 IC		12/04/2012 11:41	1	P4000015.D	CLP-1 0.53(mm)
STD005 240-67207/15 IC		12/04/2012 11:41	1	P4000015.D	CLP-2 0.53(mm)
STD01 240-67207/16 IC		12/04/2012 11:57	1	P4000016.D	CLP-1 0.53(mm)
STD01 240-67207/16 IC		12/04/2012 11:57	1	P4000016.D	CLP-2 0.53(mm)
STD02 240-67207/17 IC		12/04/2012 12:13	1	P4000017.D	CLP-1 0.53(mm)
STD02 240-67207/17 IC		12/04/2012 12:13	1	P4000017.D	CLP-2 0.53(mm)
STD05 240-67207/18 IC		12/04/2012 12:28	1	P4000018.D	CLP-1 0.53(mm)
STD05 240-67207/18 IC		12/04/2012 12:28	1	P4000018.D	CLP-2 0.53(mm)
STD1 240-67207/19 IC		12/04/2012 12:44	1	P4000019.D	CLP-1 0.53(mm)
STD1 240-67207/19 IC		12/04/2012 12:44	1	P4000019.D	CLP-2 0.53(mm)
STD2 240-67207/20 IC		12/04/2012 13:00	1	P4000020.D	CLP-1 0.53(mm)
STD2 240-67207/20 IC		12/04/2012 13:00	1	P4000020.D	CLP-2 0.53(mm)
STD005 240-67207/21 IC		12/04/2012 13:16	1	P4000021.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP4 Start Date: 12/04/2012 08:26

Analysis Batch Number: 67207 End Date: 12/04/2012 21:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-67207/21 IC		12/04/2012 13:16	1	P4000021.D	CLP-2 0.53(mm)
STD01 240-67207/22 IC		12/04/2012 13:31	1	P4000022.D	CLP-1 0.53(mm)
STD01 240-67207/22 IC		12/04/2012 13:31	1	P4000022.D	CLP-2 0.53(mm)
STD02 240-67207/23 IC		12/04/2012 13:47	1	P4000023.D	CLP-1 0.53(mm)
STD02 240-67207/23 IC		12/04/2012 13:47	1	P4000023.D	CLP-2 0.53(mm)
STD05 240-67207/24 IC		12/04/2012 14:03	1	P4000024.D	CLP-1 0.53(mm)
STD05 240-67207/24 IC		12/04/2012 14:03	1	P4000024.D	CLP-2 0.53(mm)
STD1 240-67207/25 IC		12/04/2012 14:19	1	P4000025.D	CLP-1 0.53(mm)
STD1 240-67207/25 IC		12/04/2012 14:19	1	P4000025.D	CLP-2 0.53(mm)
STD2 240-67207/26 IC		12/04/2012 14:34	1	P4000026.D	CLP-1 0.53(mm)
STD2 240-67207/26 IC		12/04/2012 14:34	1	P4000026.D	CLP-2 0.53(mm)
STD005 240-67207/27 IC		12/04/2012 14:50	1	P4000027.D	CLP-1 0.53(mm)
STD005 240-67207/27 IC		12/04/2012 14:50	1	P4000027.D	CLP-2 0.53(mm)
STD01 240-67207/28 IC		12/04/2012 15:06	1	P4000028.D	CLP-1 0.53(mm)
STD01 240-67207/28 IC		12/04/2012 15:06	1	P4000028.D	CLP-2 0.53(mm)
STD02 240-67207/29 IC		12/04/2012 15:22	1	P4000029.D	CLP-1 0.53(mm)
STD02 240-67207/29 IC		12/04/2012 15:22	1	P4000029.D	CLP-2 0.53(mm)
STD05 240-67207/30 ICRT		12/04/2012 15:37	1	P4000030.D	CLP-1 0.53(mm)
STD05 240-67207/30 ICRT		12/04/2012 15:37	1	P4000030.D	CLP-2 0.53(mm)
STD1 240-67207/31 IC		12/04/2012 15:53	1	P4000031.D	CLP-1 0.53(mm)
STD1 240-67207/31 IC		12/04/2012 15:53	1	P4000031.D	CLP-2 0.53(mm)
STD2 240-67207/32 IC		12/04/2012 16:09	1	P4000032.D	CLP-1 0.53(mm)
STD2 240-67207/32 IC		12/04/2012 16:09	1	P4000032.D	CLP-2 0.53(mm)
STD005 240-67207/33 IC		12/04/2012 16:25	1		CLP-1 0.53(mm)
STD005 240-67207/33 IC		12/04/2012 16:25	1		CLP-2 0.53(mm)
STD01 240-67207/34 IC		12/04/2012 16:40	1		CLP-1 0.53(mm)
STD01 240-67207/34 IC		12/04/2012 16:40	1		CLP-2 0.53(mm)
STD02 240-67207/35 IC		12/04/2012 16:56	1		CLP-1 0.53(mm)
STD02 240-67207/35 IC		12/04/2012 16:56	1		CLP-2 0.53(mm)
STD05 240-67207/36 IC		12/04/2012 17:12	1		CLP-1 0.53(mm)
STD05 240-67207/36 IC		12/04/2012 17:12	1		CLP-2 0.53(mm)
STD1 240-67207/37 IC		12/04/2012 17:28	1		CLP-1 0.53(mm)
STD1 240-67207/37 IC		12/04/2012 17:28	1		CLP-2 0.53(mm)
STD2 240-67207/38 IC		12/04/2012 17:43	1		CLP-1 0.53(mm)
STD2 240-67207/38 IC		12/04/2012 17:43	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP4 Start Date: 12/04/2012 08:26

Analysis Batch Number: 67207 End Date: 12/04/2012 21:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-67207/39 IC		12/04/2012 17:59	1	P4000039.D	CLP-1 0.53(mm)
STD005 240-67207/39 IC		12/04/2012 17:59	1	P4000039.D	CLP-2 0.53(mm)
STD01 240-67207/40 IC		12/04/2012 18:15	1	P4000040.D	CLP-1 0.53(mm)
STD01 240-67207/40 IC		12/04/2012 18:15	1	P4000040.D	CLP-2 0.53(mm)
STD02 240-67207/41 IC		12/04/2012 18:31	1	P4000041.D	CLP-1 0.53(mm)
STD02 240-67207/41 IC		12/04/2012 18:31	1	P4000041.D	CLP-2 0.53(mm)
STD05 240-67207/42 IC		12/04/2012 18:46	1	P4000042.D	CLP-1 0.53(mm)
STD05 240-67207/42 IC		12/04/2012 18:46	1	P4000042.D	CLP-2 0.53(mm)
STD1 240-67207/43 IC		12/04/2012 19:02	1	P4000043.D	CLP-1 0.53(mm)
STD1 240-67207/43 IC		12/04/2012 19:02	1	P4000043.D	CLP-2 0.53(mm)
STD2 240-67207/44 IC		12/04/2012 19:18	1	P4000044.D	CLP-1 0.53(mm)
STD2 240-67207/44 IC		12/04/2012 19:18	1	P4000044.D	CLP-2 0.53(mm)
ICV 240-67207/45		12/04/2012 19:34	1	P4000045.D	CLP-1 0.53(mm)
ICV 240-67207/45		12/04/2012 19:34	1	P4000045.D	CLP-2 0.53(mm)
ICV 240-67207/46		12/04/2012 19:49	1	P4000046.D	CLP-1 0.53(mm)
ICV 240-67207/46		12/04/2012 19:49	1	P4000046.D	CLP-2 0.53(mm)
ICV 240-67207/47		12/04/2012 20:05	1	P4000047.D	CLP-1 0.53(mm)
ICV 240-67207/47		12/04/2012 20:05	1	P4000047.D	CLP-2 0.53(mm)
ICV 240-67207/48		12/04/2012 20:21	1	P4000048.D	CLP-1 0.53(mm)
ICV 240-67207/48		12/04/2012 20:21	1	P4000048.D	CLP-2 0.53(mm)
ICV 240-67207/49		12/04/2012 20:37	1	P4000049.D	CLP-1 0.53(mm)
ICV 240-67207/49		12/04/2012 20:37	1	P4000049.D	CLP-2 0.53(mm)
ICV 240-67207/50		12/04/2012 20:52	1	P4000050.D	CLP-1 0.53(mm)
ICV 240-67207/50		12/04/2012 20:52	1	P4000050.D	CLP-2 0.53(mm)
ICV 240-67207/51		12/04/2012 21:08	1		CLP-1 0.53(mm)
ICV 240-67207/51		12/04/2012 21:08	1		CLP-2 0.53(mm)
ICV 240-67207/52		12/04/2012 21:24	1		CLP-1 0.53(mm)
ICV 240-67207/52		12/04/2012 21:24	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: A2HP4 Start Date: 12/14/2012 03:56

Analysis Batch Number: 68676 End Date: 12/14/2012 11:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-68676/3 CCVRT		12/14/2012 03:56	1	P4000003.D	CLP-1 0.53(mm)
CCV 240-68676/3 CCVRT		12/14/2012 03:56	1	P4000003.D	CLP-2 0.53(mm)
MRL 240-68676/10		12/14/2012 05:46	1	P4000010.D	CLP-1 0.53(mm)
MRL 240-68676/10		12/14/2012 05:46	1	P4000010.D	CLP-2 0.53(mm)
ZZZZZ		12/14/2012 06:02	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 06:02	1		CLP-2 0.53(mm)
ZZZZZ		12/14/2012 06:18	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 06:18	1		CLP-2 0.53(mm)
ZZZZZ		12/14/2012 06:33	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 06:33	1		CLP-2 0.53(mm)
ZZZZZ		12/14/2012 06:49	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 06:49	1		CLP-2 0.53(mm)
ZZZZZ		12/14/2012 07:05	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 07:05	1		CLP-2 0.53(mm)
ZZZZZ		12/14/2012 07:21	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 07:21	1		CLP-2 0.53(mm)
ZZZZZ		12/14/2012 07:36	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 07:36	1		CLP-2 0.53(mm)
240-18544-3	072SB-0065-0001-SO	12/14/2012 07:52	1	P4000018.D	CLP-1 0.53(mm)
240-18544-3	072SB-0065-0001-SO	12/14/2012 07:52	1	P4000018.D	CLP-2 0.53(mm)
MB 240-68401/24-A		12/14/2012 08:08	1	P4000019.D	CLP-1 0.53(mm)
MB 240-68401/24-A		12/14/2012 08:08	1	P4000019.D	CLP-2 0.53(mm)
CCV 240-68676/20		12/14/2012 08:23	1	P4000020.D	CLP-1 0.53(mm)
CCV 240-68676/20		12/14/2012 08:23	1	P4000020.D	CLP-2 0.53(mm)
LCS 240-68401/23-A		12/14/2012 11:16	1	P4000031.D	CLP-1 0.53(mm)
LCS 240-68401/23-A		12/14/2012 11:16	1	P4000031.D	CLP-2 0.53(mm)
CCV 240-68676/32		12/14/2012 11:32	1	P4000032.D	CLP-1 0.53(mm)
CCV 240-68676/32		12/14/2012 11:32	1	P4000032.D	CLP-2 0.53(mm)
MRL 240-68676/33		12/14/2012 11:48	1	P4000033.D	CLP-1 0.53(mm)
MRL 240-68676/33		12/14/2012 11:48	1	P4000033.D	CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 68401 Batch Start Date: 12/12/12 15:25 Batch Analyst: Howell, Leslie

Batch Method: 3540C Batch End Date: 12/13/12 07:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX10PPMSPK 00006	EX2/.2SURRW 00020	AnalysisComment	
240-18544-H-3	072SB-0065-0001-SO	3540C, 8082/DOD	T	29.89 g	10 mL		1 mL	assoc w/ batch 68407	
LCS 240-68401/23		3540C, 8082/DOD		30.00 g	10 mL	1 mL	1 mL		
MB 240-68401/24		3540C, 8082/DOD		30.00 g	10 mL		1 mL		

Batch Notes	
Acid used for Clean Up Reagent	724999
Exchange Solvent Lot #	671346
Na2SO4 Lot Number	677239
Prep Solvent Lot #	763282

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 69187 Batch Start Date: 12/18/12 16:20 Batch Analyst: Matthews, Brandon

Batch Method: 3540C Batch End Date: 12/19/12 08:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX10PPMSPK 00006	EX2/.2SURRW 00020	AnalysisComment	
240-18544-E-16-A	076SB-0098-0001-SO	3540C, 8082/DOD	T	29.93 g	10 mL		1 mL	Assoc w/69197	
240-18544-U-19-A	076SB-0100M-0001-SO	3540C, 8082/DOD	T	29.52 g	10 mL		1 mL		
240-18544-V-19-A MS	076SB-0100M-0001-SO	3540C, 8082/DOD	T	30.10 g	10 mL	1 mL	1 mL		
240-18544-V-19-B MSD	076SB-0100M-0001-SO	3540C, 8082/DOD	T	29.74 g	10 mL	1 mL	1 mL		
240-18544-E-20-A	076SB-0101M-0001-SO	3540C, 8082/DOD	T	30.14 g	10 mL		1 mL	Assoc w/69197	
240-18544-E-21-A	076SB-0102M-0001-SO	3540C, 8082/DOD	T	30.10 g	10 mL		1 mL		
240-18544-E-22-A	076SB-0103M-0001-SO	3540C, 8082/DOD	T	30.08 g	10 mL		1 mL		
240-18544-E-23-A	076SB-0104M-0001-SO	3540C, 8082/DOD	T	29.65 g	10 mL		1 mL		
240-18544-E-24-A	076SB-0105M-0001-SO	3540C, 8082/DOD	T	29.67 g	10 mL		1 mL		
240-18544-E-25-A	076SB-0106M-0001-SO	3540C, 8082/DOD	T	29.97 g	10 mL		1 mL		
240-18544-E-26-A	076SB-0107M-0001-SO	3540C, 8082/DOD	T	29.88 g	10 mL		1 mL		
240-18544-E-27-A	076SB-0108M-0001-SO	3540C, 8082/DOD	T	29.89 g	10 mL		1 mL	Assoc w/69197	
240-18544-E-28-A	076SB-0109M-0001-SO	3540C, 8082/DOD	T	30.10 g	10 mL		1 mL	Assoc w/69197	
240-18544-E-29-A	076SB-0110M-0001-SO	3540C, 8082/DOD	T	30.16 g	10 mL		1 mL	Assoc w/69197	
240-18544-E-31-A	076SB-0112M-0001-SO	3540C, 8082/DOD	T	29.76 g	10 mL		1 mL	Assoc w/69197	
240-18544-E-33-A	076SB-0114M-0001-SO	3540C, 8082/DOD	T	29.89 g	10 mL		1 mL	Assoc w/69197	
240-18544-E-34-A	076SB-0115M-0001-SO	3540C, 8082/DOD	T	30.08 g	10 mL		1 mL		
MB 240-69187/19		3540C, 8082/DOD		30 g	10 mL		1 mL		
LCS 240-69187/20		3540C, 8082/DOD		30 g	10 mL	1 mL	1 mL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Batch Number: 69187 Batch Start Date: 12/18/12 16:20 Batch Analyst: Matthews, Brandon

Batch Method: 3540C Batch End Date: 12/19/12 08:20

Batch Notes	
Acid used for Clean Up Reagent	724998
Balance ID	b-036
Person's name who did the concentration	bm/ac
Exchange Solvent Lot #	671346
Na2SO4 Lot Number	677239
Prep Solvent Lot #	785982

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8330
Nitroguanidine

Nitroguanidine (HPLC) by Method 8330

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0001969-020-1.d

Lab ID: LCS 320-7464/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Nitroguanidine	1.00	0.981	98	72-121	

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM III
HPLC/IC MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0001969-025-1.d

Lab ID: 240-18544-19 MS Client ID: 076SB-0100M-0001-SO MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Nitroguanidine	1.01	0.040 U	0.980	98	72-121	

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM III
HPLC/IC MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 320-0001969-026-1.d

Lab ID: 240-18544-19 MSD Client ID: 076SB-0100M-0001-SO MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Nitroguanidine	0.980	0.978	100	0	20	72-121	

Column to be used to flag recovery and RPD values

FORM III 8330 Modified

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab File ID: 320-0001969-019-1.d Lab Sample ID: MB 320-7464/1-A

Matrix: Solid Date Extracted: 12/17/2012 11:57

Instrument ID: PDA1 Date Analyzed: 12/26/2012 20:00

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 320-7464/2-A	320-0001969-020-1.d	12/26/2012 20:14
072SB-0065-0001-SO	240-18544-3	320-0001969-021-1.d	12/26/2012 20:29
076SB-0098-0001-SO	240-18544-16	320-0001969-023-1.d	12/26/2012 20:58
076SB-0100M-0001-SO	240-18544-19	320-0001969-024-1.d	12/26/2012 21:12
076SB-0100M-0001-SO MS	240-18544-19 MS	320-0001969-025-1.d	12/26/2012 21:26
076SB-0100M-0001-SO MSD	240-18544-19 MSD	320-0001969-026-1.d	12/26/2012 21:41
076SB-0101M-0001-SO	240-18544-20	320-0001969-027-1.d	12/26/2012 21:55
076SB-0102M-0001-SO	240-18544-21	320-0001969-028-1.d	12/26/2012 22:09
076SB-0103M-0001-SO	240-18544-22	320-0001969-029-1.d	12/26/2012 22:24
076SB-0104M-0001-SO	240-18544-23	320-0001969-030-1.d	12/26/2012 22:38
076SB-0105M-0001-SO	240-18544-24	320-0001969-031-1.d	12/26/2012 22:53
076SB-0106M-0001-SO	240-18544-25	320-0001969-032-1.d	12/26/2012 23:07
076SB-0107M-0001-SO	240-18544-26	320-0001969-034-1.d	12/26/2012 23:36
076SB-0108M-0001-SO	240-18544-27	320-0001969-035-1.d	12/26/2012 23:50
076SB-0109M-0001-SO	240-18544-28	320-0001969-036-1.d	12/27/2012 00:04
076SB-0110M-0001-SO	240-18544-29	320-0001969-037-1.d	12/27/2012 00:19
076SB-0112M-0001-SO	240-18544-31	320-0001969-038-1.d	12/27/2012 00:33
076SB-0114M-0001-SO	240-18544-33	320-0001969-039-1.d	12/27/2012 00:47

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0065-0001-SO Lab Sample ID: 240-18544-3

Matrix: Solid Lab File ID: 320-0001969-021-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 09:57

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.06(g) Date Analyzed: 12/26/2012 20:29

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.24	0.039	0.019

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-021-1.d		
Lims ID:	240-18544-I-3-B	Client ID:	072SB-0065-0001-SO
Inject. Date:	26-Dec-2012 20:29:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-021 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	21
Detector:	GC 320-0001969-021-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:23:16	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:23:27

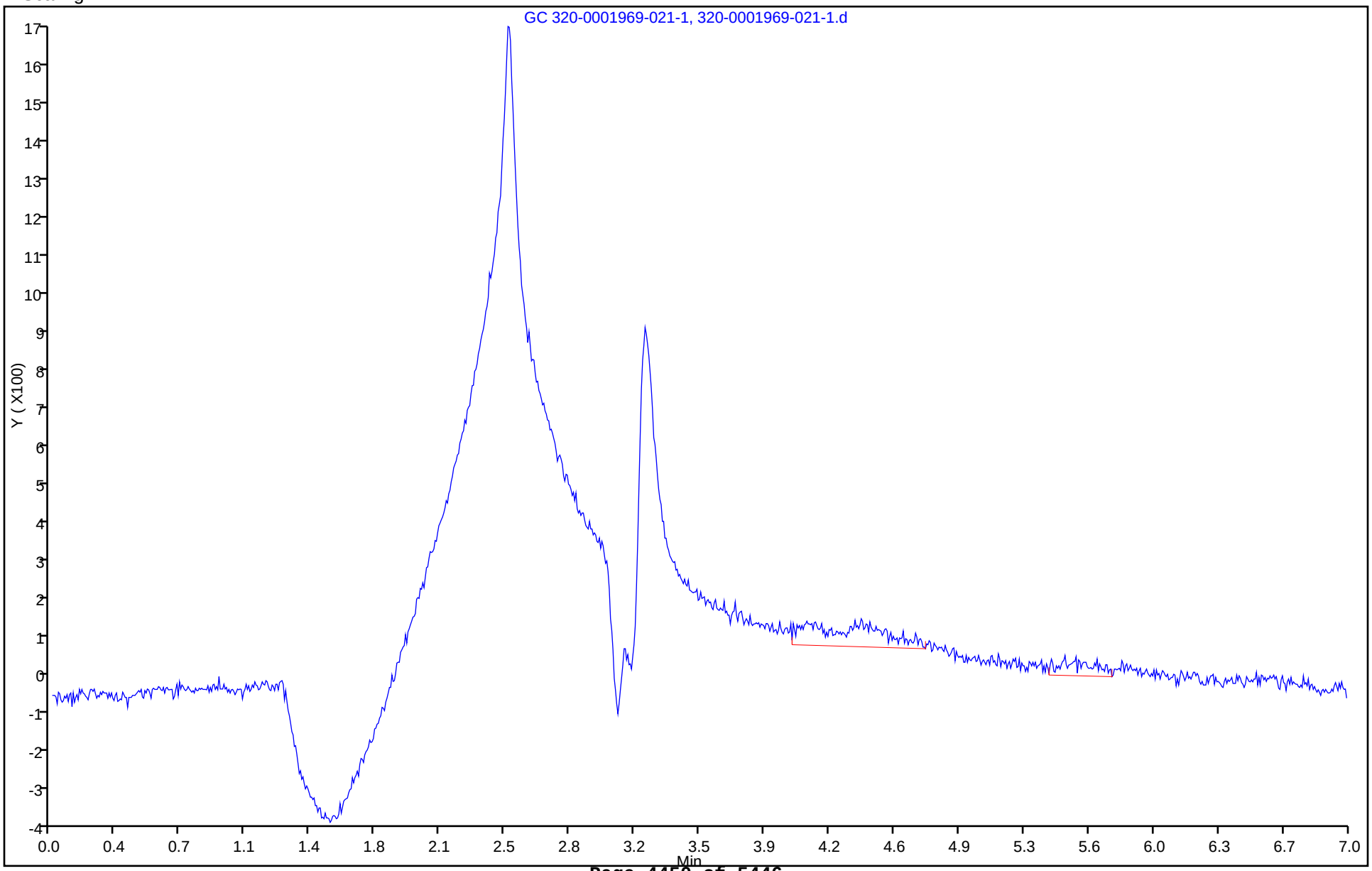
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Report Date: 28-Dec-2012 08:23:27 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-021-1.d		
Injection Date:	26-Dec-2012 20:29:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	21
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO Lab Sample ID: 240-18544-16

Matrix: Solid Lab File ID: 320-0001969-023-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 14:33

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.02(g) Date Analyzed: 12/26/2012 20:58

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-023-1.d		
Lims ID:	240-18544-F-16-B	Client ID:	076SB-0098-0001-SO
Inject. Date:	26-Dec-2012 20:58:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-023 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	23
Detector:	GC 320-0001969-023-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:23:50	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:24:01

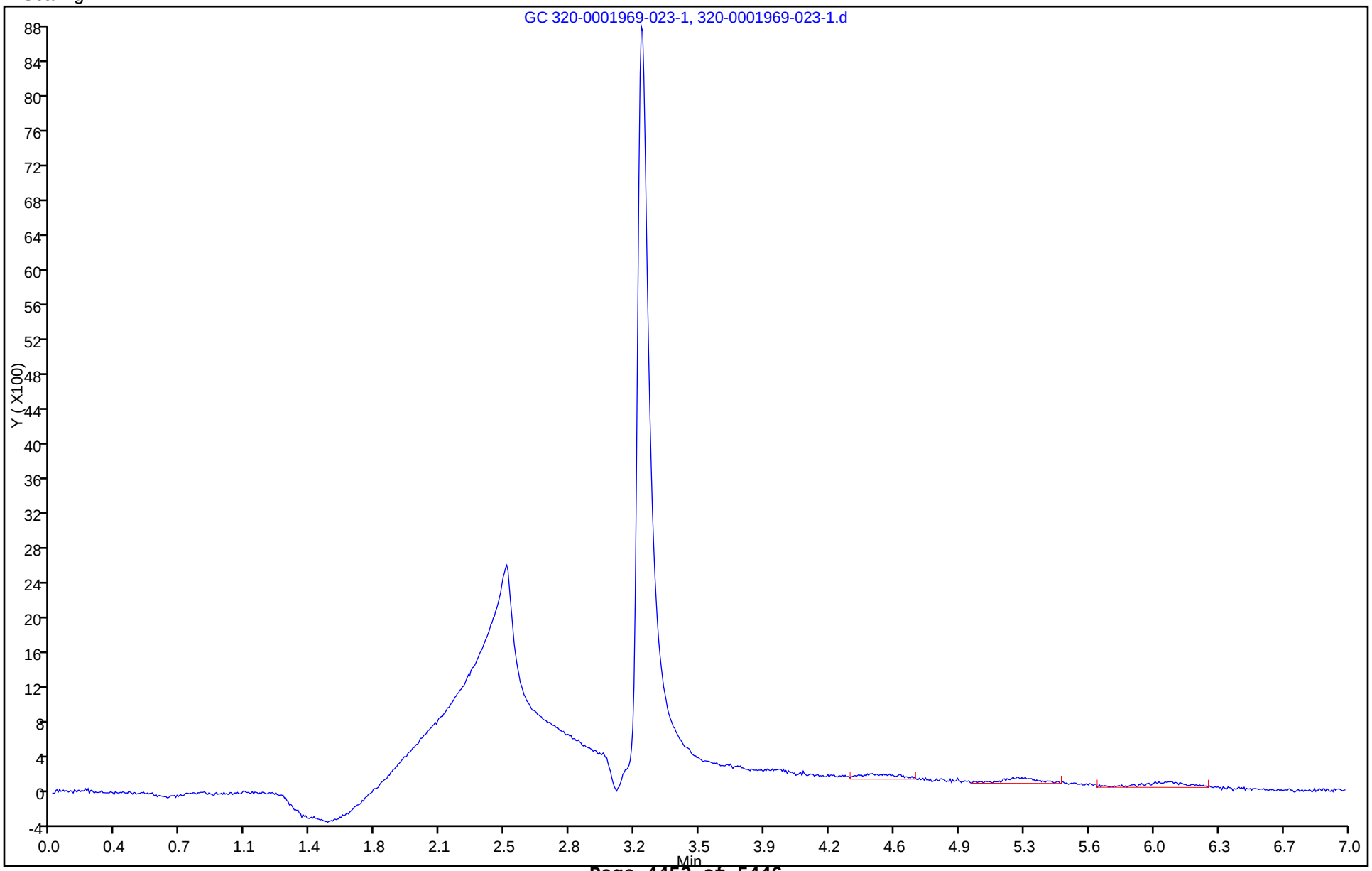
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Report Date: 28-Dec-2012 08:24:01 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-023-1.d		
Injection Date:	26-Dec-2012 20:58:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0098-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	23
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO Lab Sample ID: 240-18544-19

Matrix: Solid Lab File ID: 320-0001969-024-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 15:27

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.02(g) Date Analyzed: 12/26/2012 21:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-024-1.d		
Lims ID:	240-18544-Y-19-B	Client ID:	076SB-0100M-0001-SO
Inject. Date:	26-Dec-2012 21:12:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-024 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	24
Detector:	GC 320-0001969-024-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:23:50	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		
First Level Reviewer: noonanr		Date:	28-Dec-2012 08:24:06

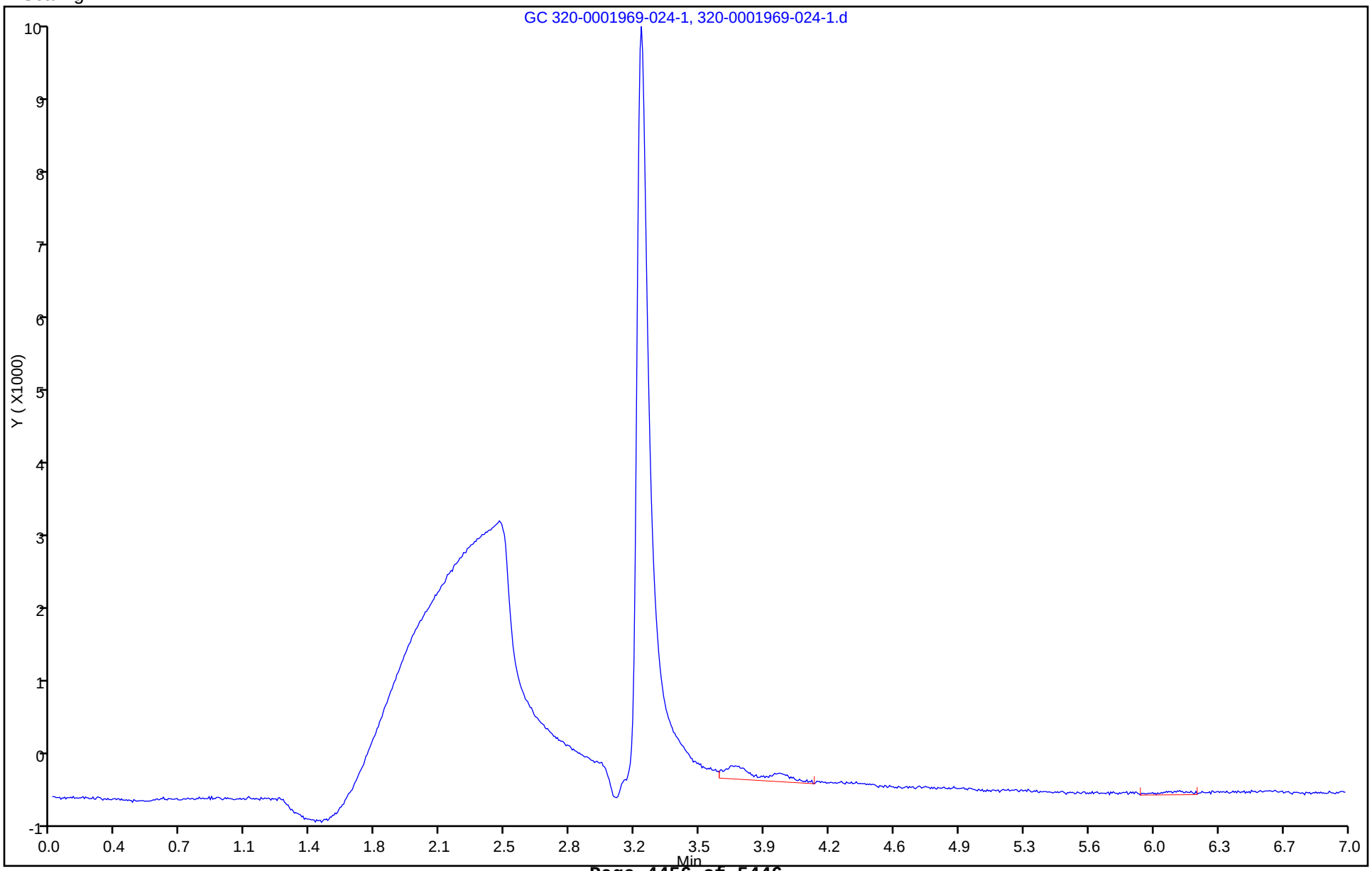
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Report Date: 28-Dec-2012 08:24:06 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-024-1.d		
Injection Date:	26-Dec-2012 21:12:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	24
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0101M-0001-SO Lab Sample ID: 240-18544-20

Matrix: Solid Lab File ID: 320-0001969-027-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 15:27

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.00(g) Date Analyzed: 12/26/2012 21:55

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-027-1.d		
Lims ID:	240-18544-F-20-B	Client ID:	076SB-0101M-0001-SO
Inject. Date:	26-Dec-2012 21:55:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-027 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	27
Detector:	GC 320-0001969-027-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:26:35	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:26:49

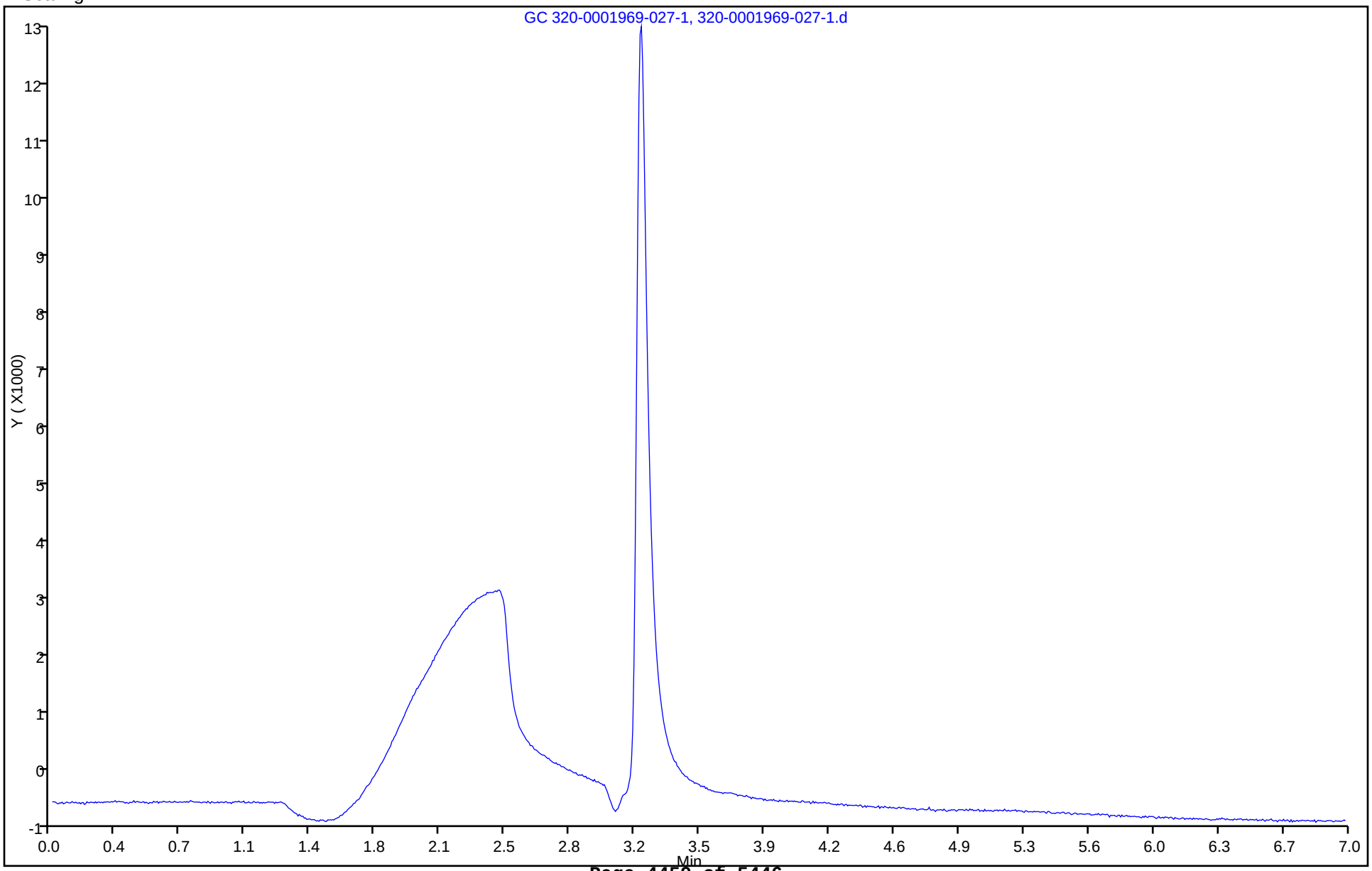
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Report Date: 28-Dec-2012 08:26:49 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-027-1.d		
Injection Date:	26-Dec-2012 21:55:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0101M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	27
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0102M-0001-SO Lab Sample ID: 240-18544-21

Matrix: Solid Lab File ID: 320-0001969-028-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 15:45

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.05(g) Date Analyzed: 12/26/2012 22:09

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.24	0.039	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-028-1.d		
Lims ID:	240-18544-F-21-B	Client ID:	076SB-0102M-0001-SO
Inject. Date:	26-Dec-2012 22:09:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-028 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	28
Detector:	GC 320-0001969-028-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:26:35	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:26:59

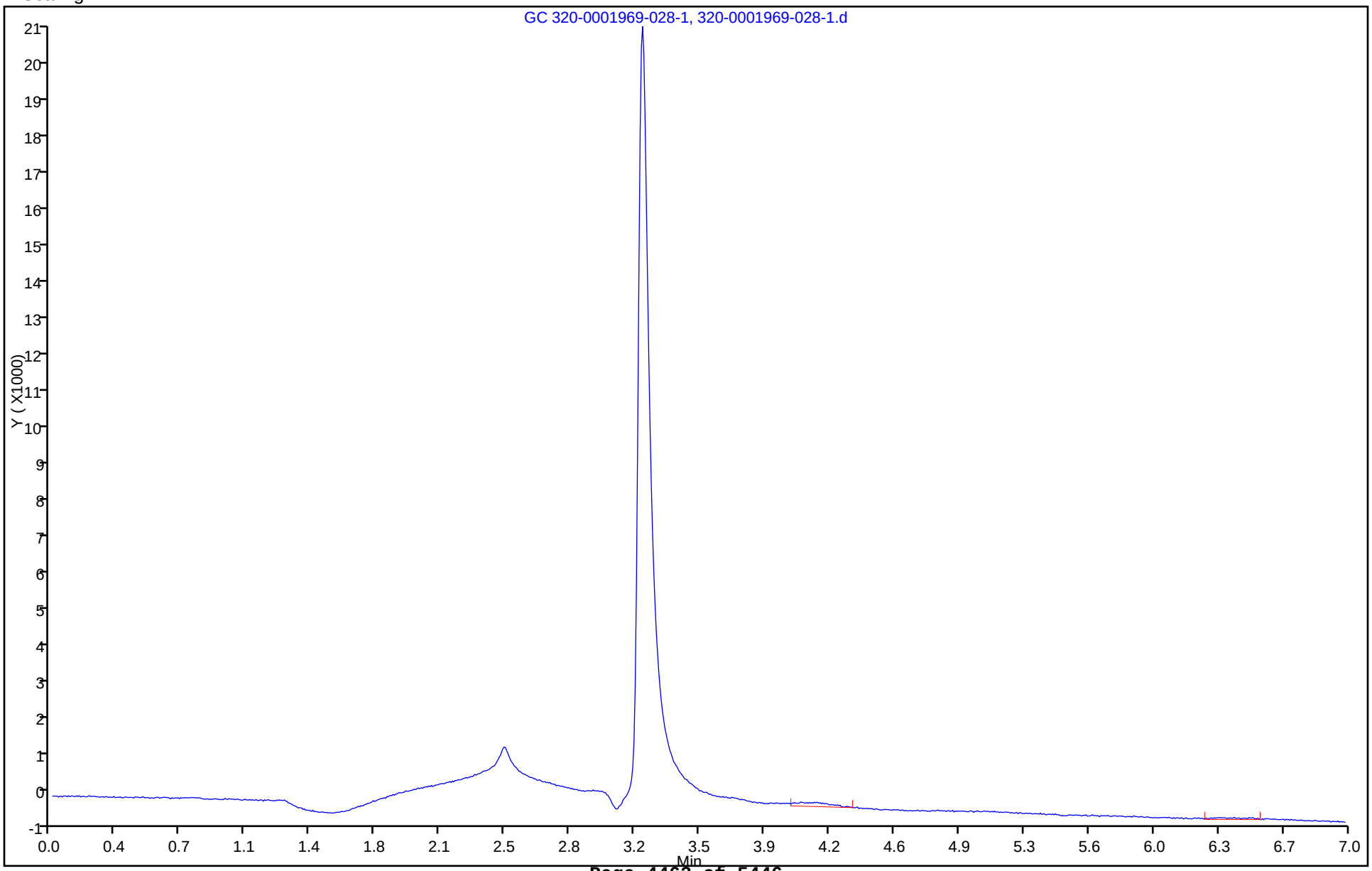
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Report Date: 28-Dec-2012 08:26:59 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-028-1.d		
Injection Date:	26-Dec-2012 22:09:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0102M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	28
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0103M-0001-SO Lab Sample ID: 240-18544-22

Matrix: Solid Lab File ID: 320-0001969-029-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 15:45

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.02(g) Date Analyzed: 12/26/2012 22:24

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-029-1.d		
Lims ID:	240-18544-F-22-B	Client ID:	076SB-0103M-0001-SO
Inject. Date:	26-Dec-2012 22:24:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-029 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	29
Detector:	GC 320-0001969-029-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:26:35	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:27:09

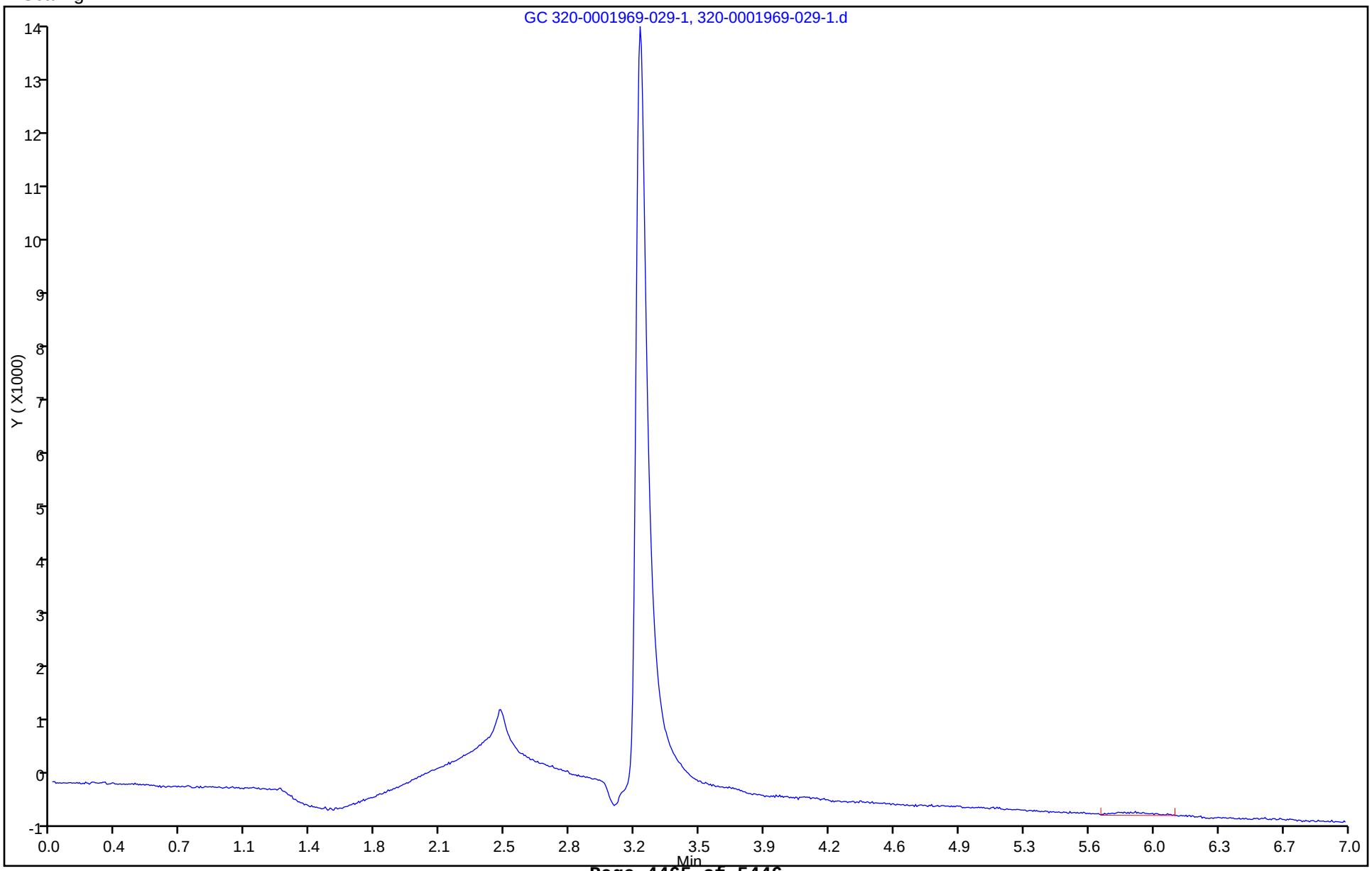
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Report Date: 28-Dec-2012 08:27:09 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-029-1.d		
Injection Date:	26-Dec-2012 22:24:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	29
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0104M-0001-SO Lab Sample ID: 240-18544-23

Matrix: Solid Lab File ID: 320-0001969-030-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 16:35

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.04(g) Date Analyzed: 12/26/2012 22:38

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.25	0.039	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-030-1.d		
Lims ID:	240-18544-F-23-B	Client ID:	076SB-0104M-0001-SO
Inject. Date:	26-Dec-2012 22:38:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-030 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	30
Detector:	GC 320-0001969-030-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:26:35	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:27:18

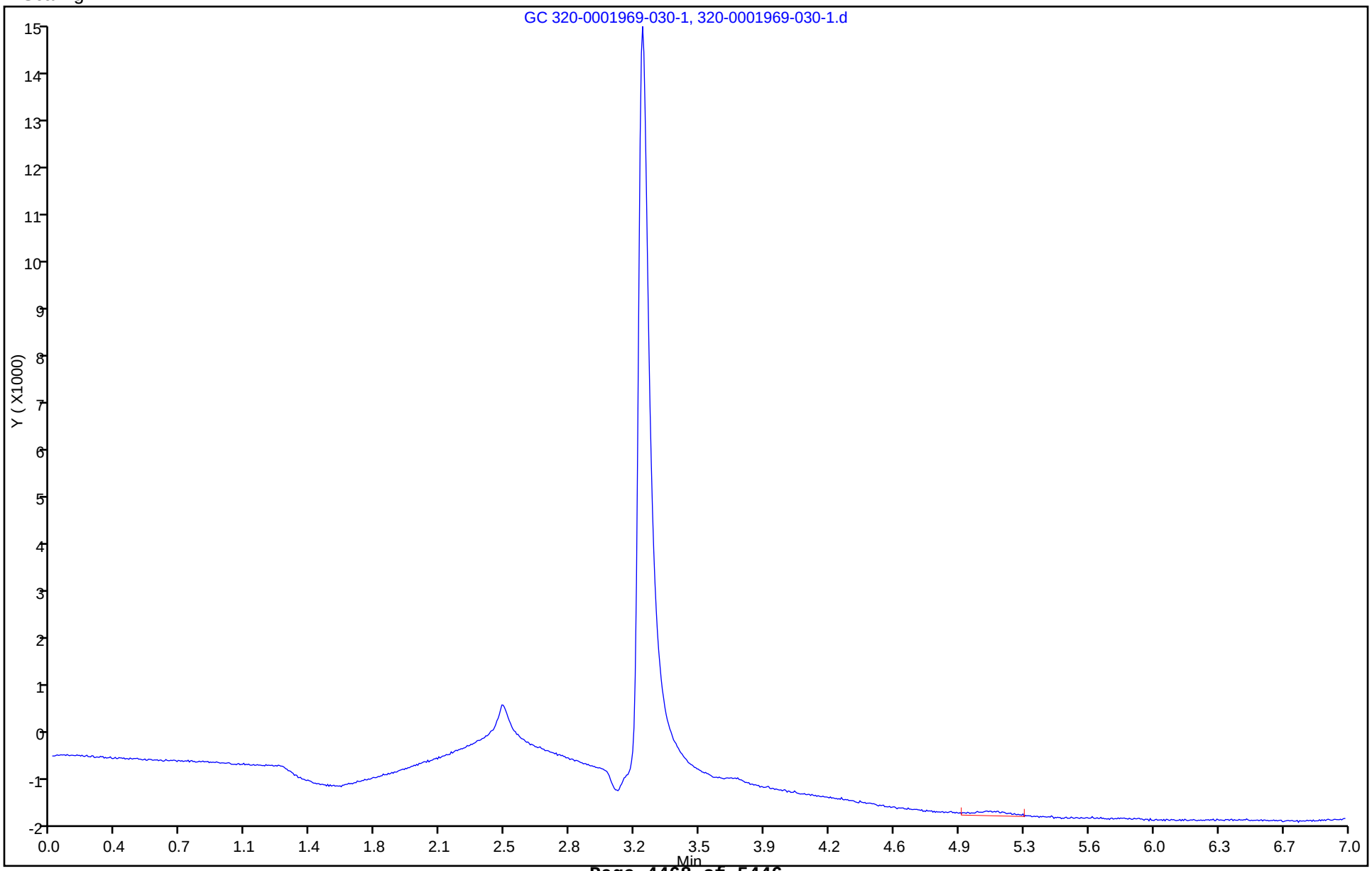
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Report Date: 28-Dec-2012 08:27:18 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-030-1.d		
Injection Date:	26-Dec-2012 22:38:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0104M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	30
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0105M-0001-SO Lab Sample ID: 240-18544-24

Matrix: Solid Lab File ID: 320-0001969-031-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 16:35

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 1.98(g) Date Analyzed: 12/26/2012 22:53

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-031-1.d		
Lims ID:	240-18544-F-24-B	Client ID:	076SB-0105M-0001-SO
Inject. Date:	26-Dec-2012 22:53:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-031 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	31
Detector:	GC 320-0001969-031-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:26:35	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:27:26

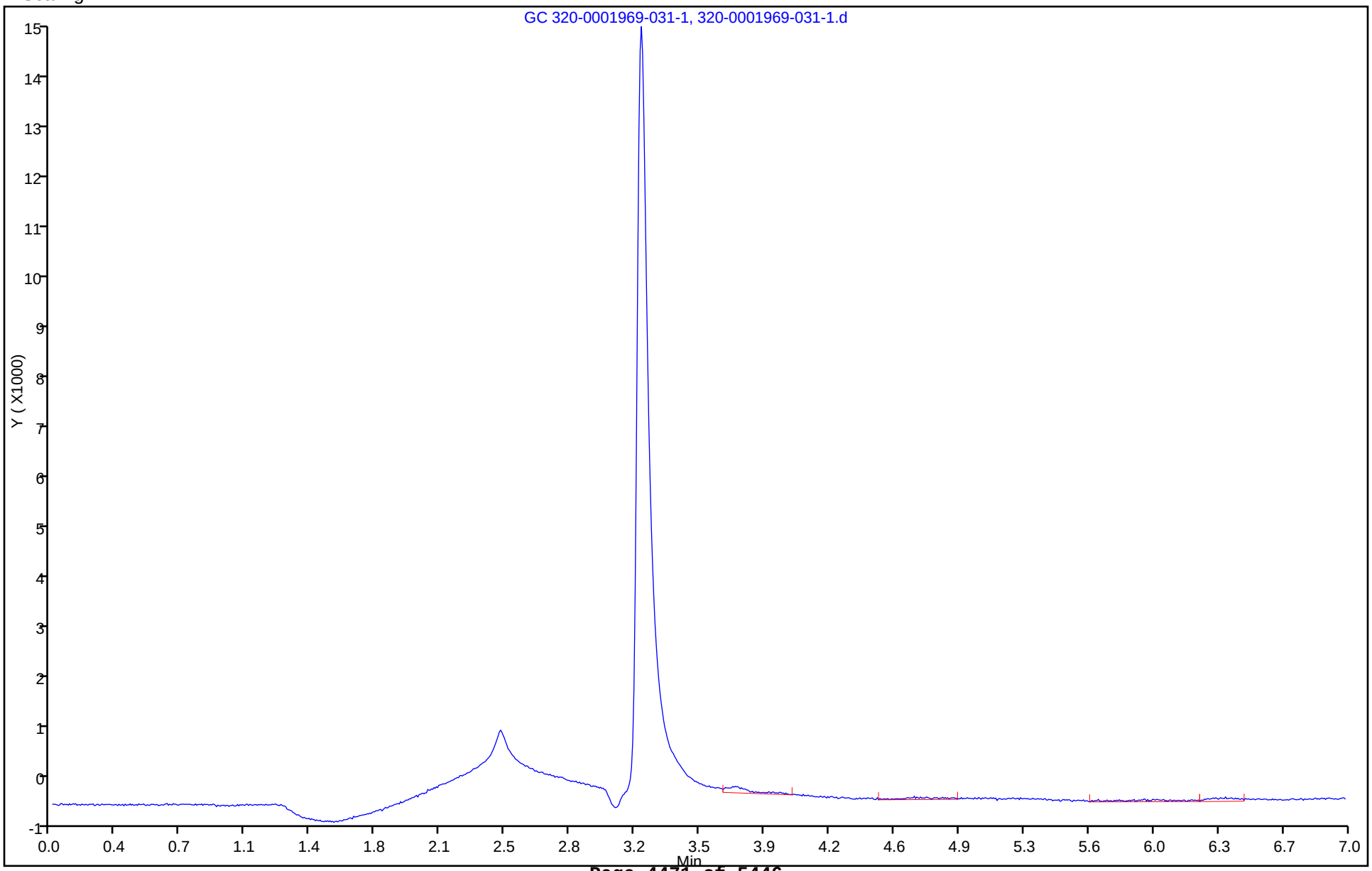
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 28-Dec-2012 08:27:26 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-031-1.d		
Injection Date:	26-Dec-2012 22:53:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0105M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	31
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0106M-0001-SO Lab Sample ID: 240-18544-25

Matrix: Solid Lab File ID: 320-0001969-032-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 16:25

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.04(g) Date Analyzed: 12/26/2012 23:07

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.25	0.039	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-032-1.d		
Lims ID:	240-18544-F-25-B	Client ID:	076SB-0106M-0001-SO
Inject. Date:	26-Dec-2012 23:07:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-032 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	32
Detector:	GC 320-0001969-032-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:26:35	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:27:44

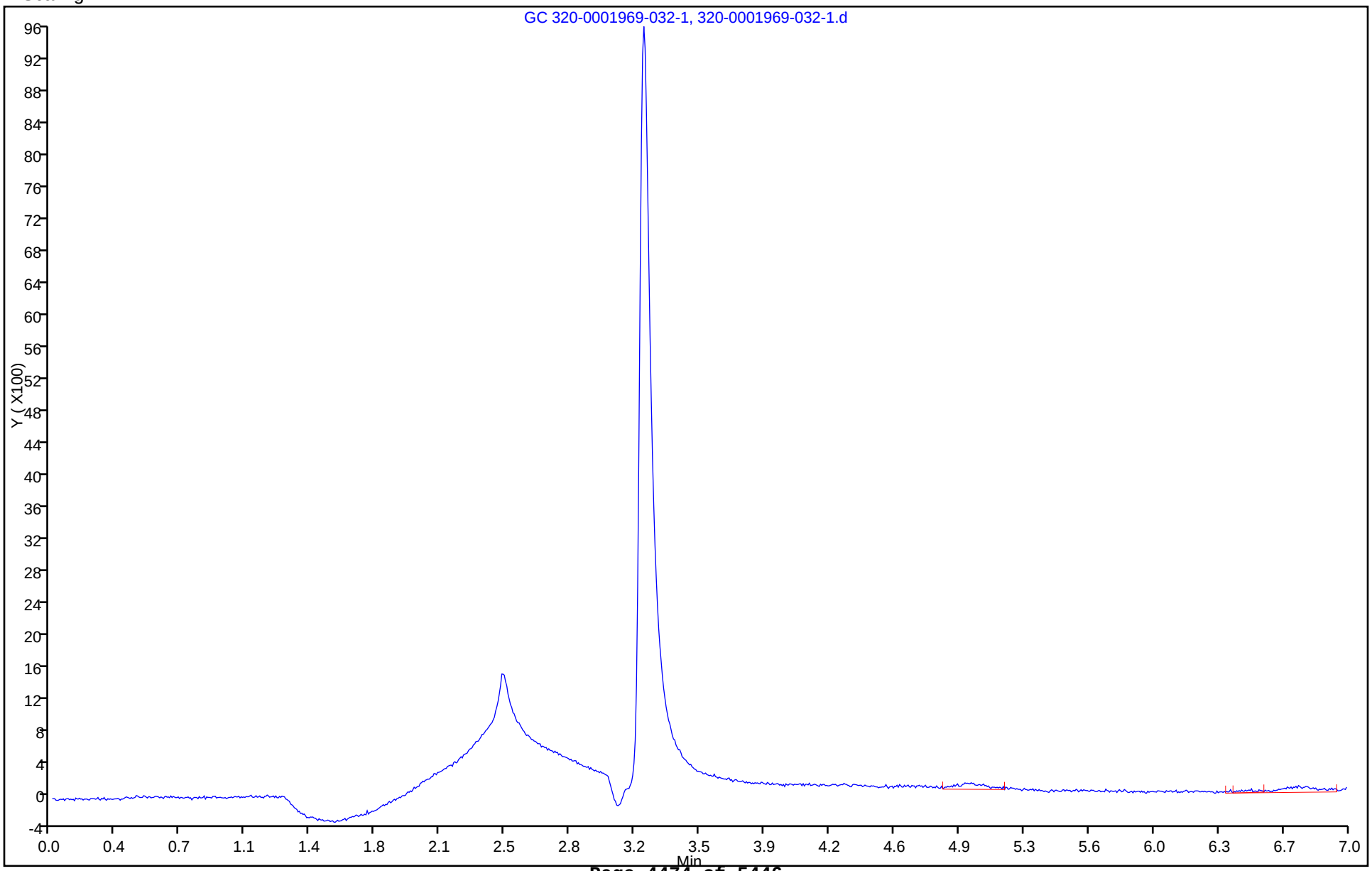
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 28-Dec-2012 08:27:44 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-032-1.d		
Injection Date:	26-Dec-2012 23:07:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	32
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0107M-0001-SO Lab Sample ID: 240-18544-26

Matrix: Solid Lab File ID: 320-0001969-034-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 16:25

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.05(g) Date Analyzed: 12/26/2012 23:36

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.24	0.039	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-034-1.d		
Lims ID:	240-18544-F-26-B	Client ID:	076SB-0107M-0001-SO
Inject. Date:	26-Dec-2012 23:36:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-034 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	34
Detector:	GC 320-0001969-034-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:28:05	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:28:13

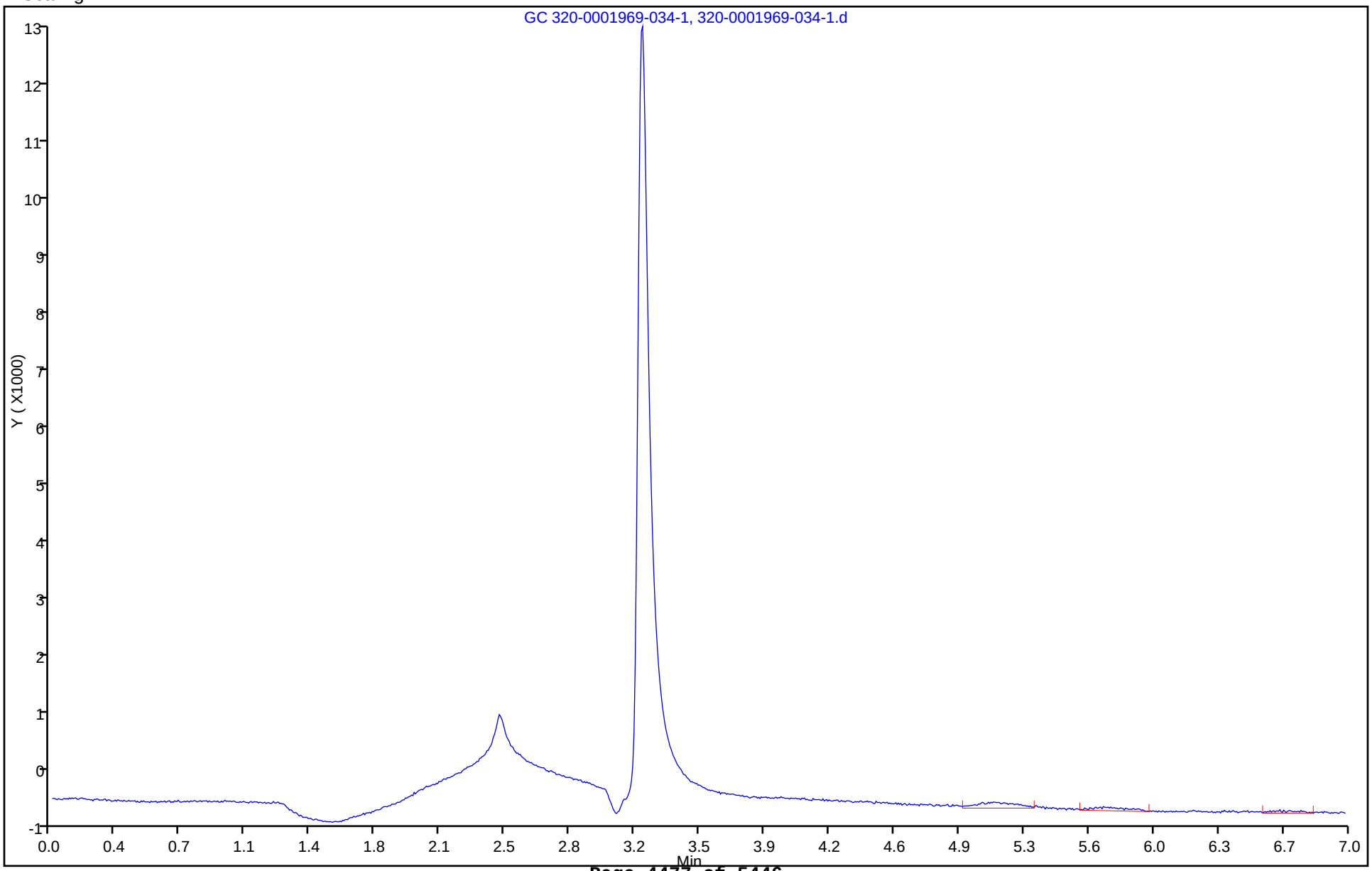
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 28-Dec-2012 08:28:14 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-034-1.d		
Injection Date:	26-Dec-2012 23:36:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0107M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	34
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0108M-0001-SO Lab Sample ID: 240-18544-27

Matrix: Solid Lab File ID: 320-0001969-035-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 15:50

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.06(g) Date Analyzed: 12/26/2012 23:50

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.24	0.039	0.019

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-035-1.d		
Lims ID:	240-18544-F-27-B	Client ID:	076SB-0108M-0001-SO
Inject. Date:	26-Dec-2012 23:50:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-035 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	35
Detector:	GC 320-0001969-035-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:28:05	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:28:18

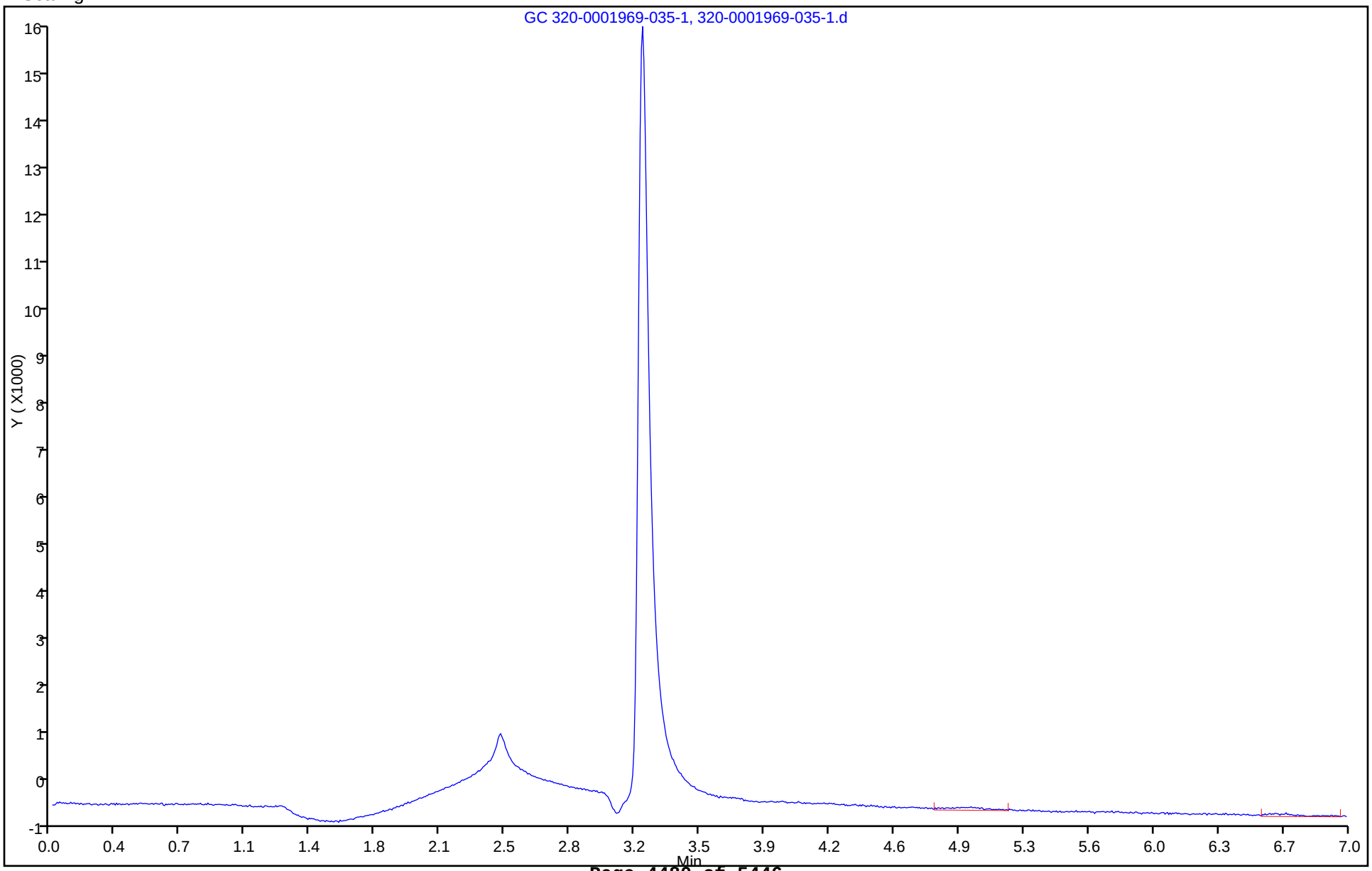
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 28-Dec-2012 08:28:18 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-035-1.d		
Injection Date:	26-Dec-2012 23:50:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0108M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	35
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0109M-0001-SO Lab Sample ID: 240-18544-28

Matrix: Solid Lab File ID: 320-0001969-036-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 16:05

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.02(g) Date Analyzed: 12/27/2012 00:04

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-036-1.d		
Lims ID:	240-18544-F-28-B	Client ID:	076SB-0109M-0001-SO
Inject. Date:	27-Dec-2012 00:04:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-036 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	36
Detector:	GC 320-0001969-036-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:28:05	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:28:24

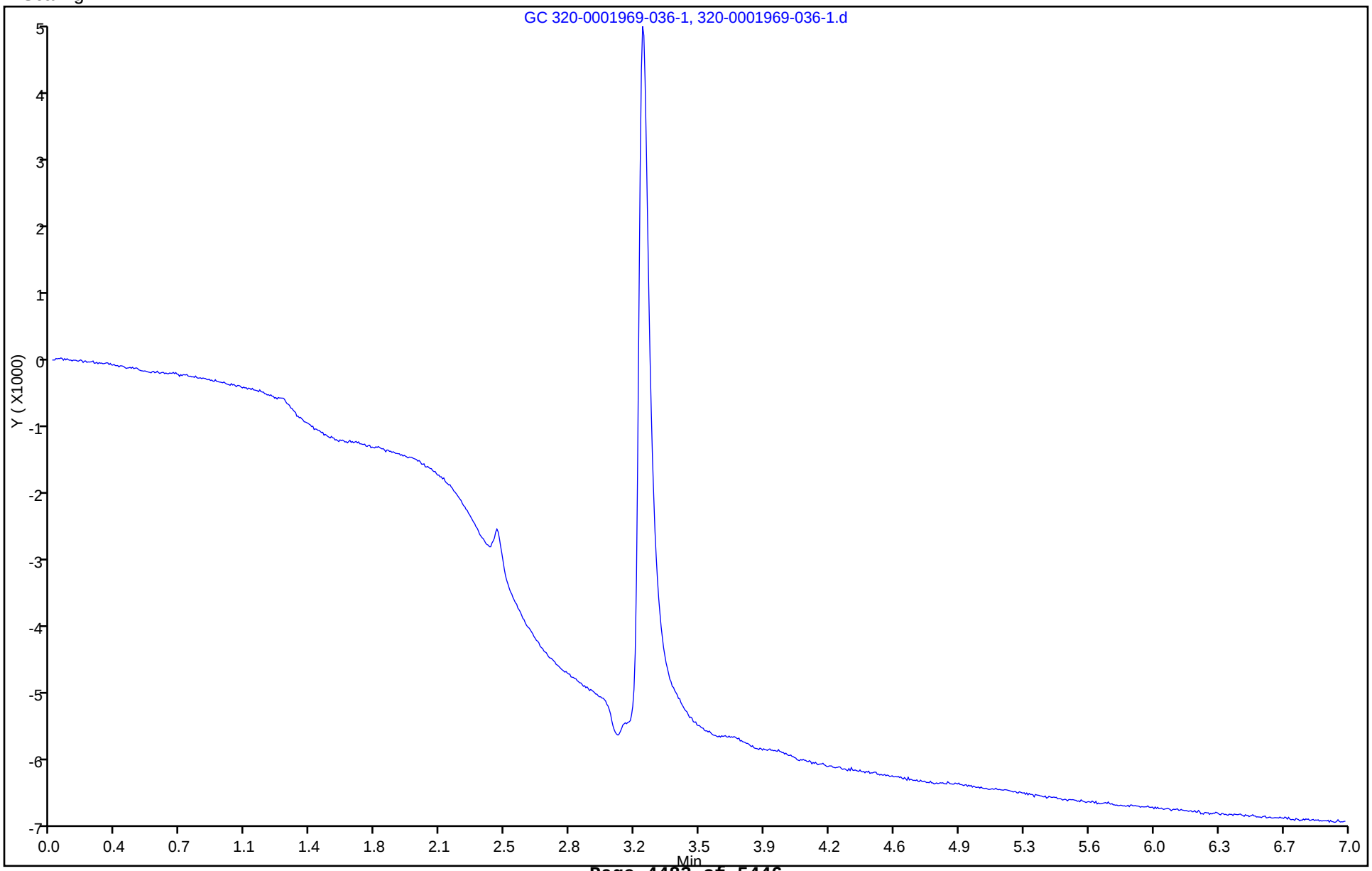
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 28-Dec-2012 08:28:24 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-036-1.d		
Injection Date:	27-Dec-2012 00:04:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	36
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0110M-0001-SO Lab Sample ID: 240-18544-29

Matrix: Solid Lab File ID: 320-0001969-037-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 17:04

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.07(g) Date Analyzed: 12/27/2012 00:19

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.039	U	0.24	0.039	0.019

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-037-1.d		
Lims ID:	240-18544-F-29-B	Client ID:	076SB-0110M-0001-SO
Inject. Date:	27-Dec-2012 00:19:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-037 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	37
Detector:	GC 320-0001969-037-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:28:05	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:28:42

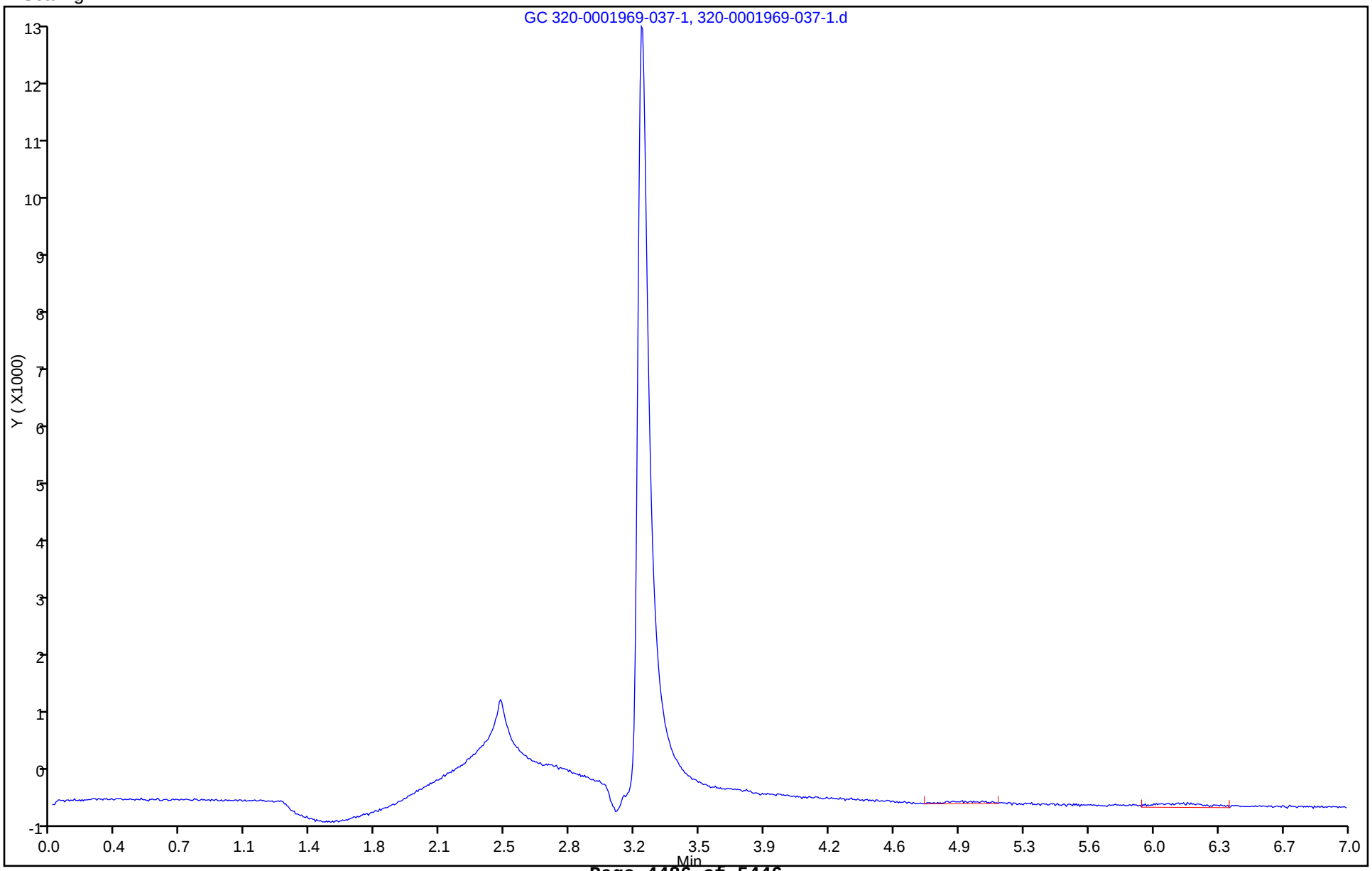
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 28-Dec-2012 08:28:42 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-037-1.d		
Injection Date:	27-Dec-2012 00:19:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO Lab Sample ID: 240-18544-31

Matrix: Solid Lab File ID: 320-0001969-038-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 17:25

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.10(g) Date Analyzed: 12/27/2012 00:33

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.038	U	0.24	0.038	0.019

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-038-1.d		
Lims ID:	240-18544-I-31-B	Client ID:	076SB-0112M-0001-SO
Inject. Date:	27-Dec-2012 00:33:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-038 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	38
Detector:	GC 320-0001969-038-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:28:05	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:28:53

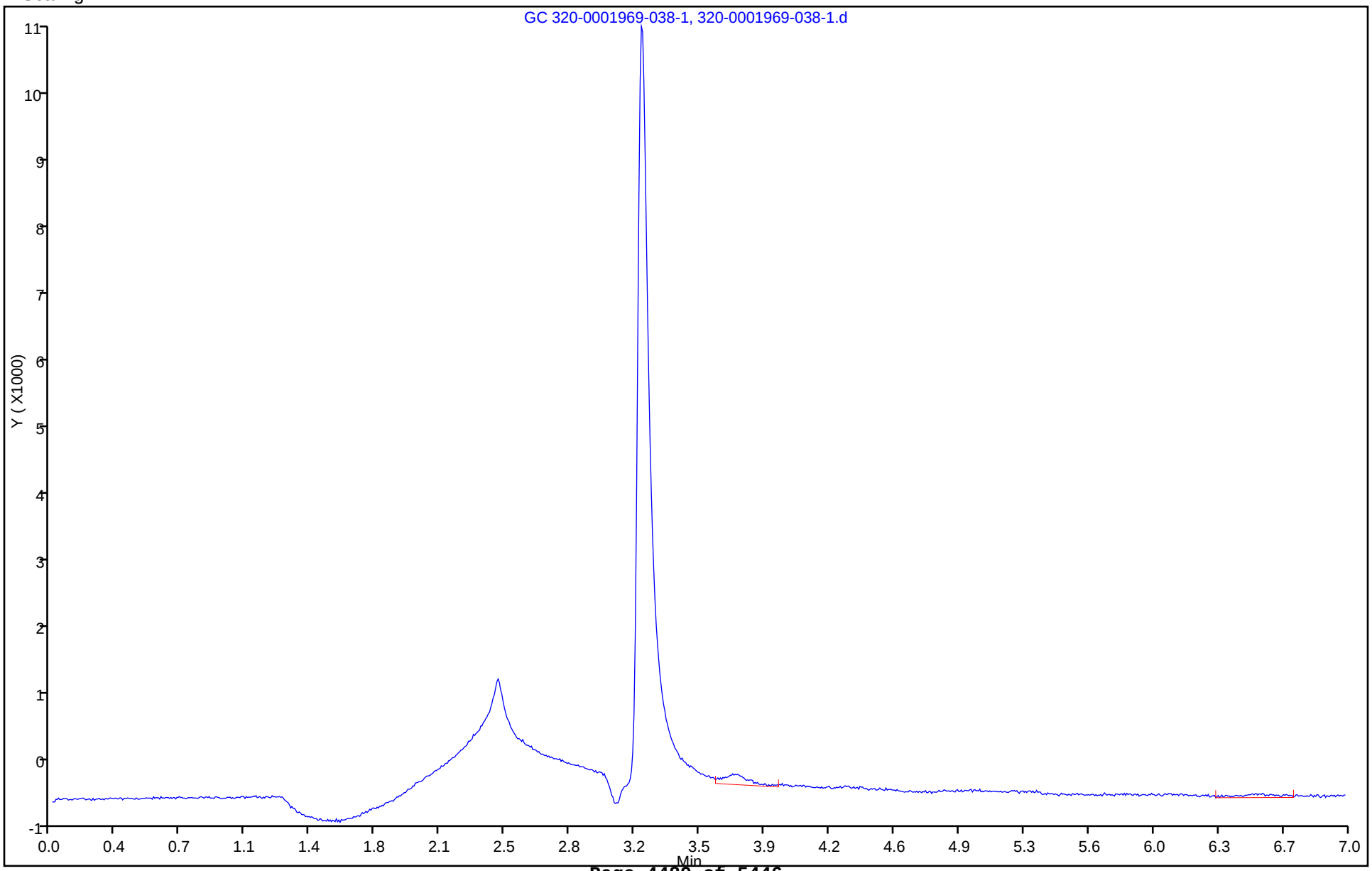
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Report Date: 28-Dec-2012 08:28:53 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-038-1.d		
Injection Date:	27-Dec-2012 00:33:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	38
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0114M-0001-SO Lab Sample ID: 240-18544-33

Matrix: Solid Lab File ID: 320-0001969-039-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 17:35

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.00(g) Date Analyzed: 12/27/2012 00:47

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-039-1.d		
Lims ID:	240-18544-F-33-B	Client ID:	076SB-0114M-0001-SO
Inject. Date:	27-Dec-2012 00:47:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001969-039 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	39
Detector:	GC 320-0001969-039-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:28:05	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:29:01

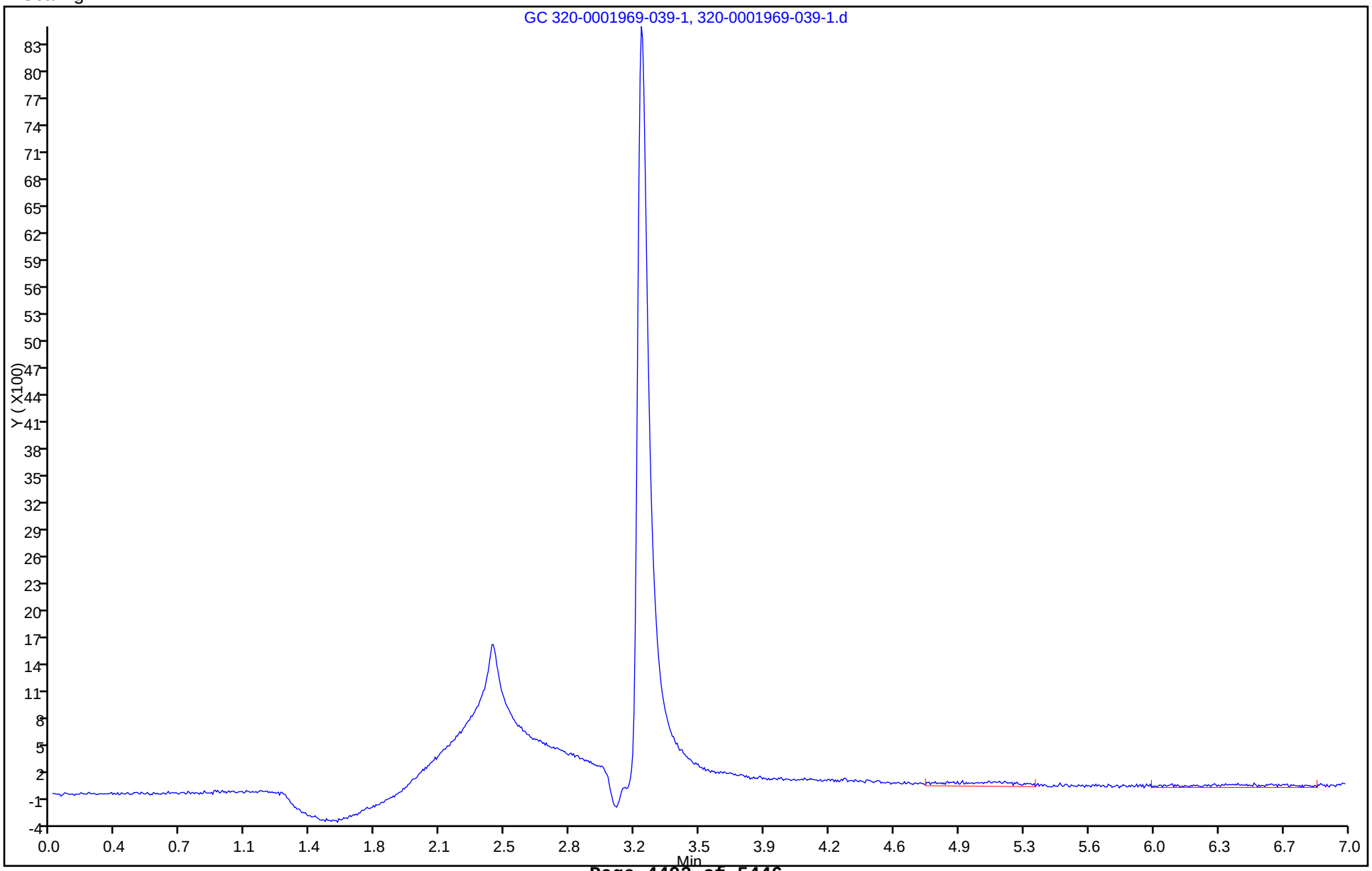
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 28-Dec-2012 08:29:01 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-039-1.d		
Injection Date:	27-Dec-2012 00:47:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	39
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 7846

SDG No.:

Instrument ID: PDA1 GC Column: Luna NH2 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2012 13:18 Calibration End Date: 12/26/2012 14:30 Calibration ID: 1838

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-7846/4	320-0001966-004-1.d
Level 2	STD03 320-7846/5	320-0001966-005-1.d
Level 3	STD04 320-7846/6	320-0001966-006-1.d
Level 4	STD05 320-7846/7	320-0001966-007-1.d
Level 5	STD06 320-7846/8	320-0001966-008-1.d
Level 6	STD07 320-7846/9	320-0001966-009-1.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Nitroguanidine	4.293	4.287	4.273	4.253	4.273	4.273					4.017 - 4.517	4.275

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 7846

SDG No.:

Instrument ID: PDA1 GC Column: Luna NH2 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2012 13:18 Calibration End Date: 12/26/2012 14:30 Calibration ID: 1838

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-7846/4	320-0001966-004-1.d
Level 2	STD03 320-7846/5	320-0001966-005-1.d
Level 3	STD04 320-7846/6	320-0001966-006-1.d
Level 4	STD05 320-7846/7	320-0001966-007-1.d
Level 5	STD06 320-7846/8	320-0001966-008-1.d
Level 6	STD07 320-7846/9	320-0001966-009-1.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Nitroguanidine	38.050 35.454	36.420 34.641	36.210	36.055	Ave		36.1383333				3.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 7846

SDG No.:

Instrument ID: PDA1 GC Column: Luna NH2 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/26/2012 13:18 Calibration End Date: 12/26/2012 14:30 Calibration ID: 1838

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD02 320-7846/4	320-0001966-004-1.d
Level 2	STD03 320-7846/5	320-0001966-005-1.d
Level 3	STD04 320-7846/6	320-0001966-006-1.d
Level 4	STD05 320-7846/7	320-0001966-007-1.d
Level 5	STD06 320-7846/8	320-0001966-008-1.d
Level 6	STD07 320-7846/9	320-0001966-009-1.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Nitroguanidine	Ave	761 34641	1821	3621	7211	17727	20.0 1000	50.0	100	200	500

Curve Type Legend:
Ave = Average by Height

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-004-1.d		
Lims ID:	std02	Client ID:	
Inject. Date:	26-Dec-2012 13:18:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	320-0001966-004 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	4
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-004-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:10:29	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.293	4.267	0.026	761	21.1	

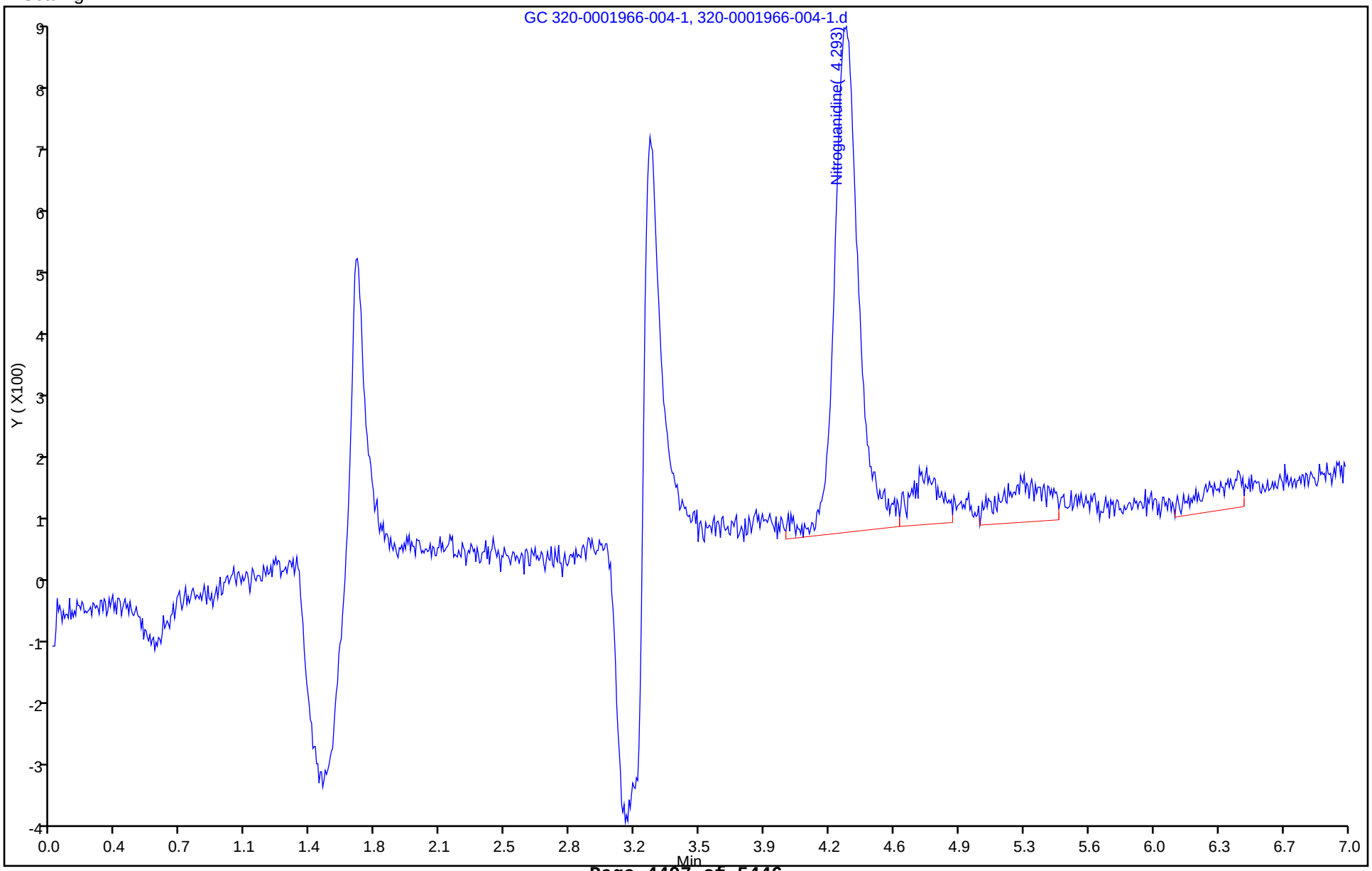
Report Date: 26-Dec-2012 15:10:30 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-004-1.d

Injection Date:	26-Dec-2012 13:18:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-005-1.d		
Lims ID:	std03	Client ID:	
Inject. Date:	26-Dec-2012 13:32:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	320-0001966-005 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	5
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-005-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:10:30	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

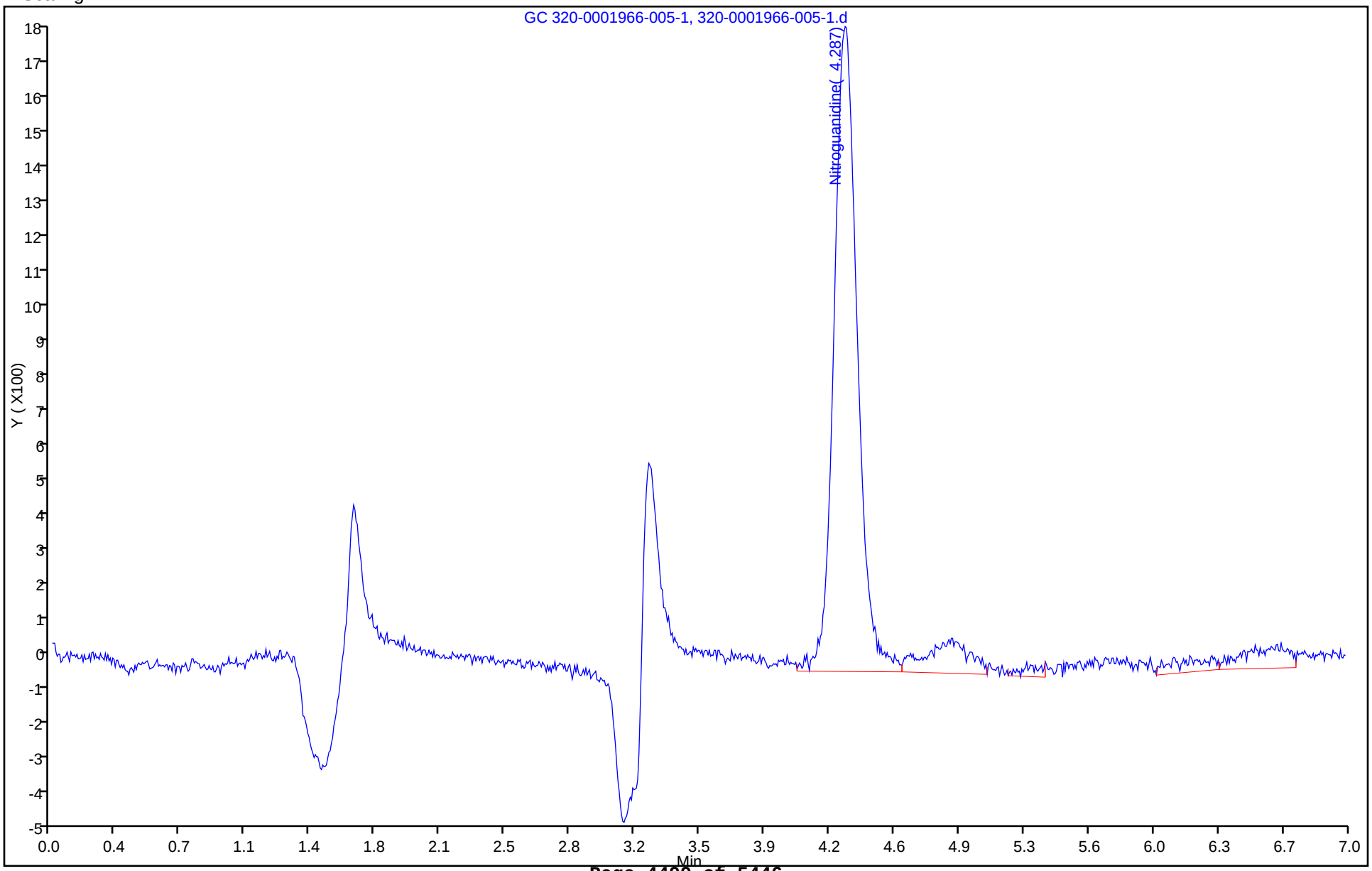
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.287	4.267	0.020	1821	50.4	

Report Date: 26-Dec-2012 15:10:30 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-005-1.d		
Injection Date:	26-Dec-2012 13:32:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-006-1.d		
Lims ID:	std04	Client ID:	
Inject. Date:	26-Dec-2012 13:47:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	320-0001966-006 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	6
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-006-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:16:28	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

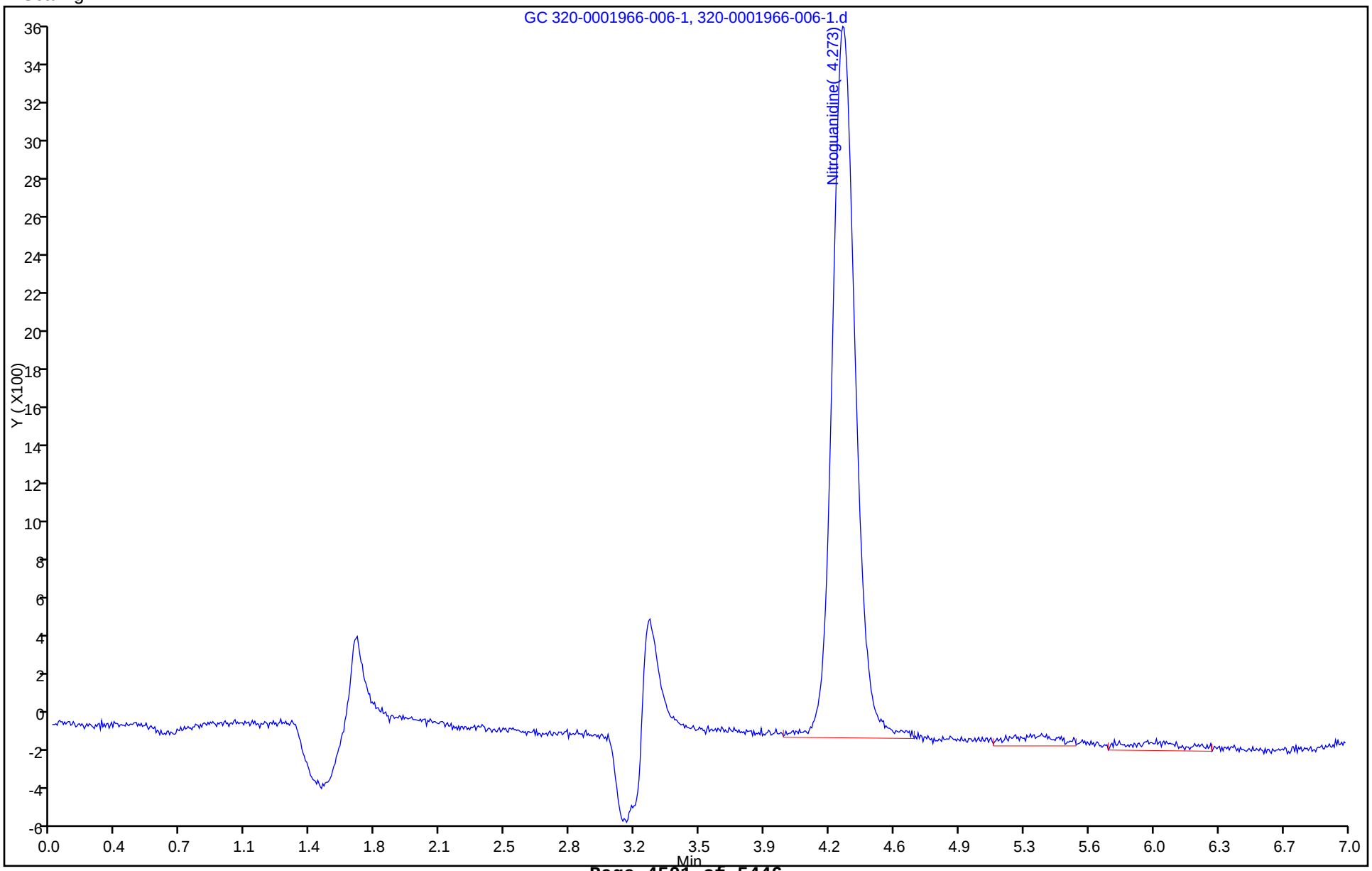
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.273	4.267	0.006	3621	100.2	

Report Date: 26-Dec-2012 15:16:28 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-006-1.d		
Injection Date:	26-Dec-2012 13:47:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-007-1.d		
Lims ID:	std05	Client ID:	
Inject. Date:	26-Dec-2012 14:01:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	320-0001966-007 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	7
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-007-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:10:30	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

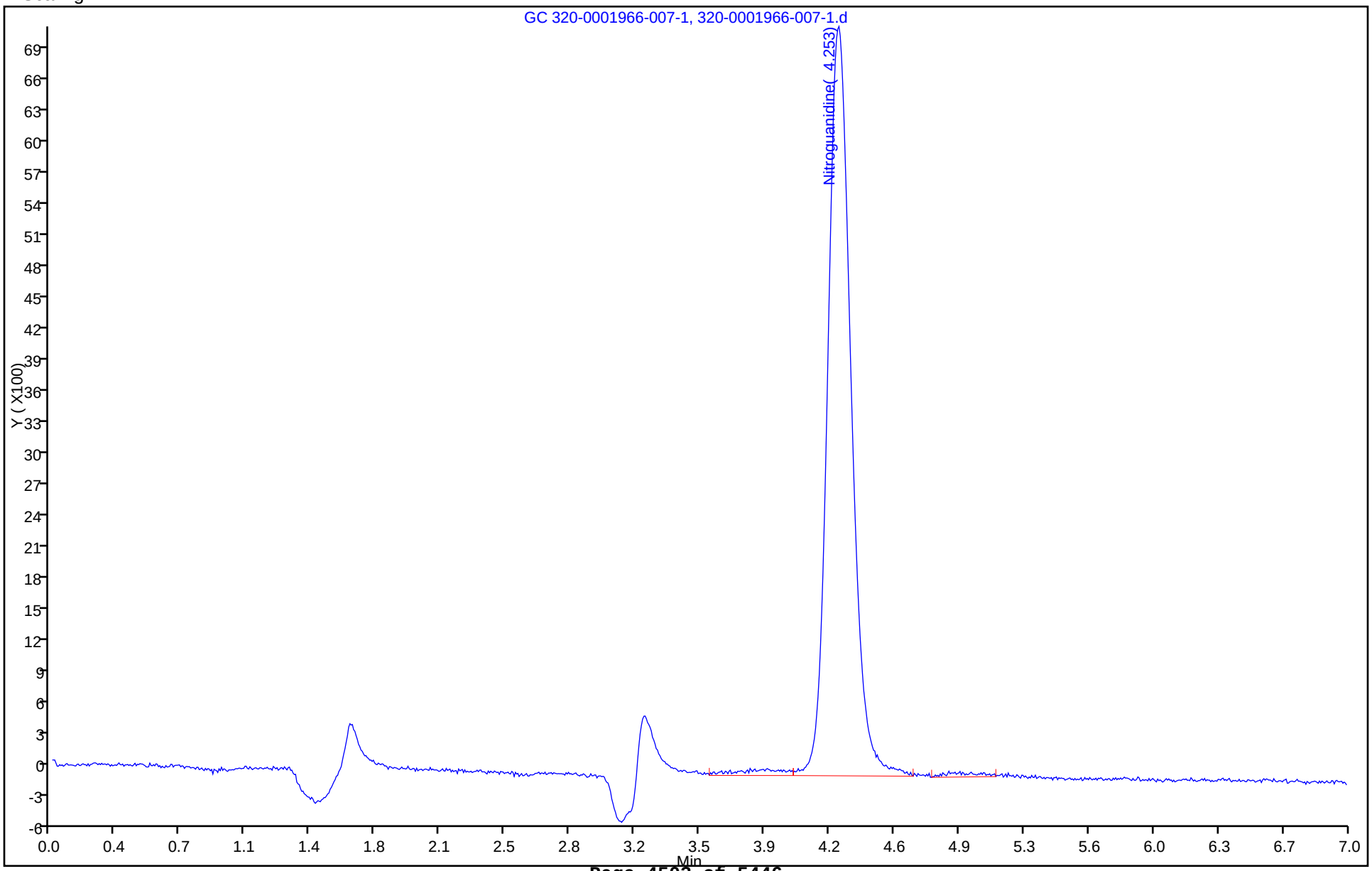
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.253	4.253	0.0	7211	199.5	

Report Date: 26-Dec-2012 15:10:30 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-007-1.d		
Injection Date:	26-Dec-2012 14:01:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-008-1.d		
Lims ID:	std06	Client ID:	
Inject. Date:	26-Dec-2012 14:15:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	320-0001966-008 Analysis		
Misc. Info.:	none MRL		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	8
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-008-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:10:31	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.273	4.253	0.020	17727	490.5	

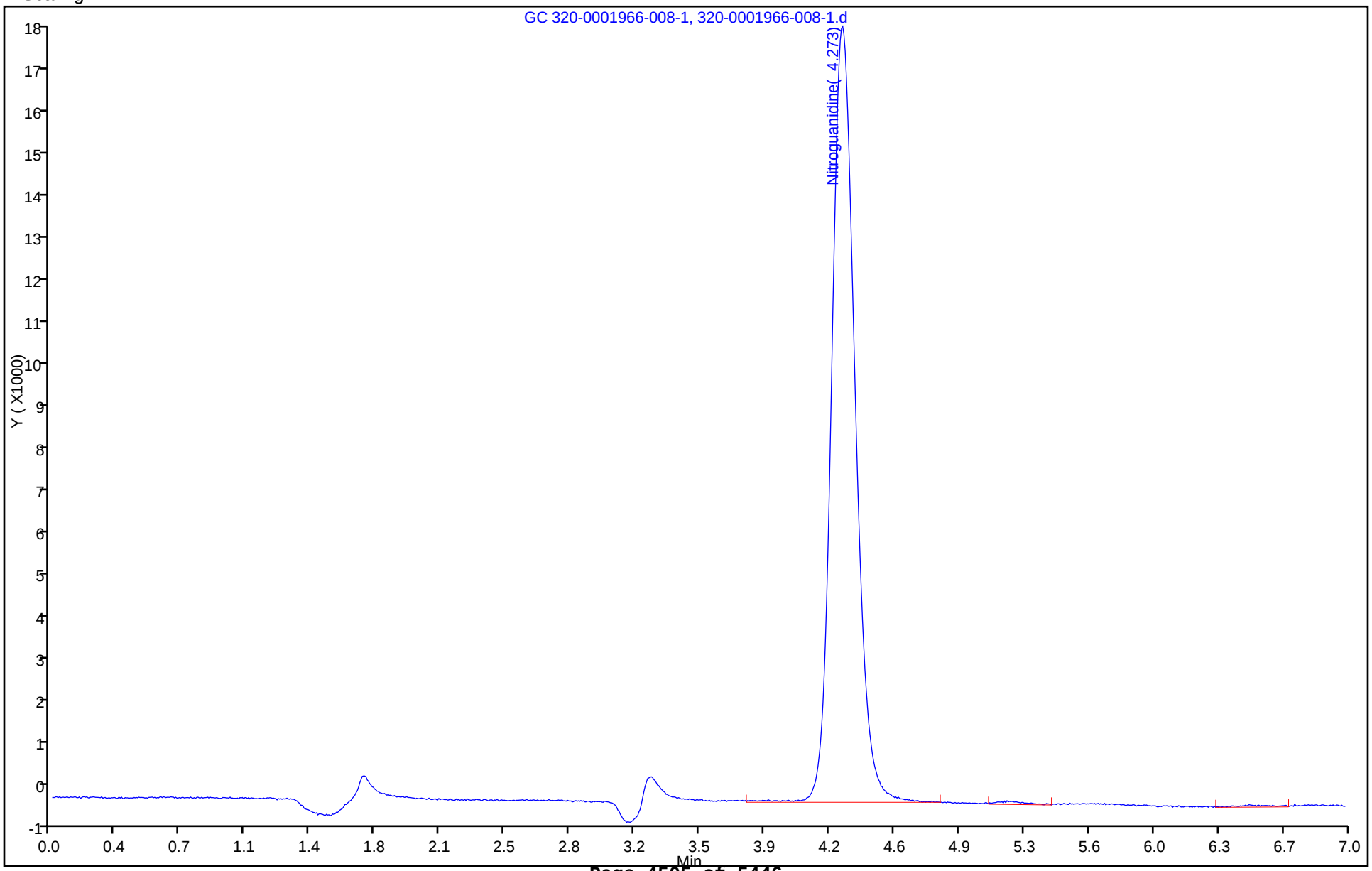
Report Date: 26-Dec-2012 15:10:31 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-008-1.d

Injection Date:	26-Dec-2012 14:15:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Lims ID:	std07	Client ID:	
Inject. Date:	26-Dec-2012 14:30:00	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	320-0001966-009 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	9
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-009-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:10:31	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.273	4.253	0.020	34641	958.6	

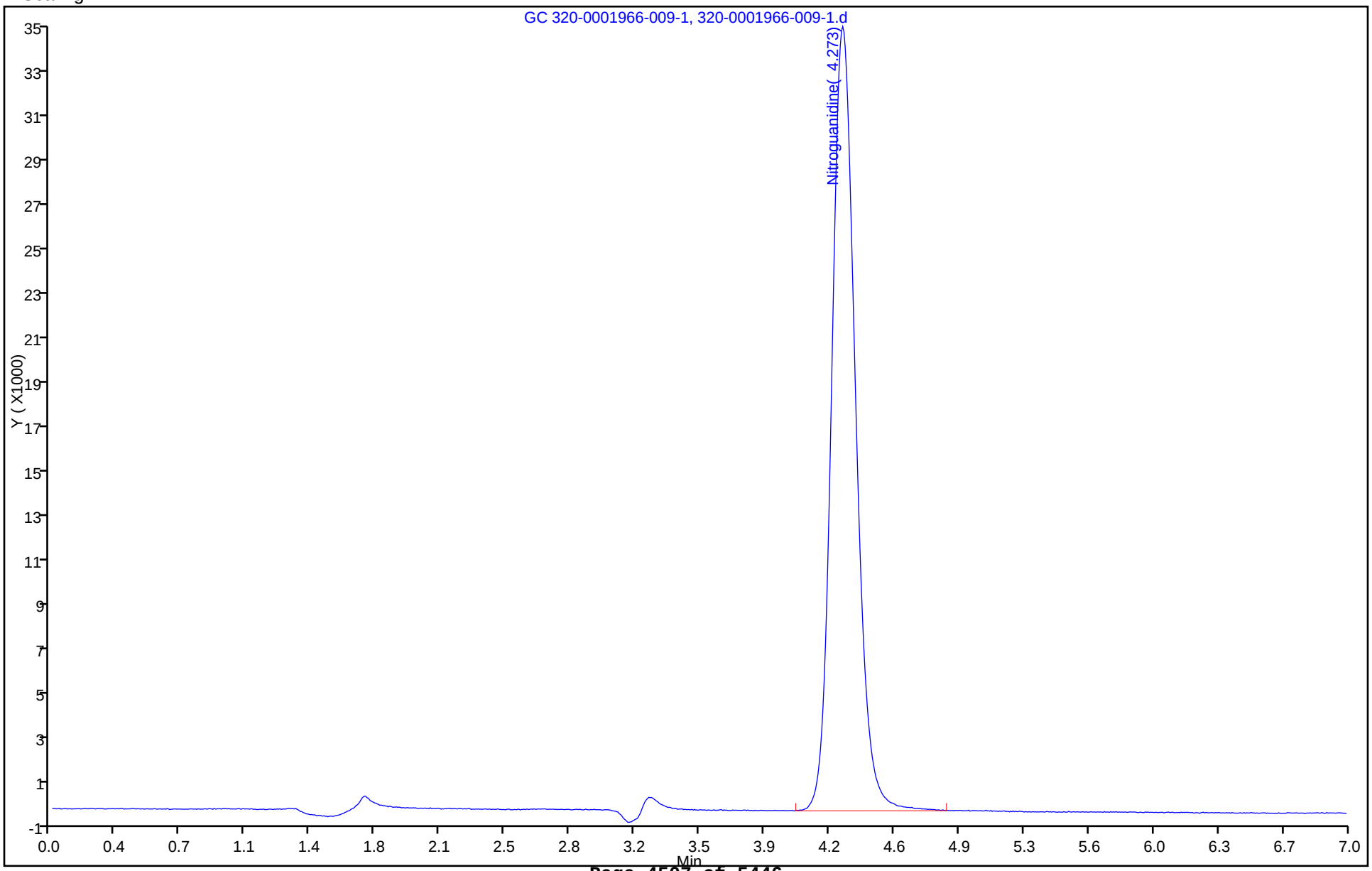
Report Date: 26-Dec-2012 15:10:31 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d

Injection Date:	26-Dec-2012 14:30:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	Lims Sample ID:	9
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 320-7846/11 Calibration Date: 12/26/2012 14:58

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001966-011-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	36.45		202	200	0.9	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 320-7846/11 Calibration Date: 12/26/2012 14:58

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001966-011-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.27	4.02	4.52

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-011-1.d		
Lims ID:	icv	Client ID:	
Inject. Date:	26-Dec-2012 14:58:00	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	320-0001966-011 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	11
Sublist:			
Detector:	GC 320-0001966-011-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:16:14	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

First Level Reviewer: noonanr Date: 26-Dec-2012 15:10:29

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.267	4.267	0.0	7290	201.7	

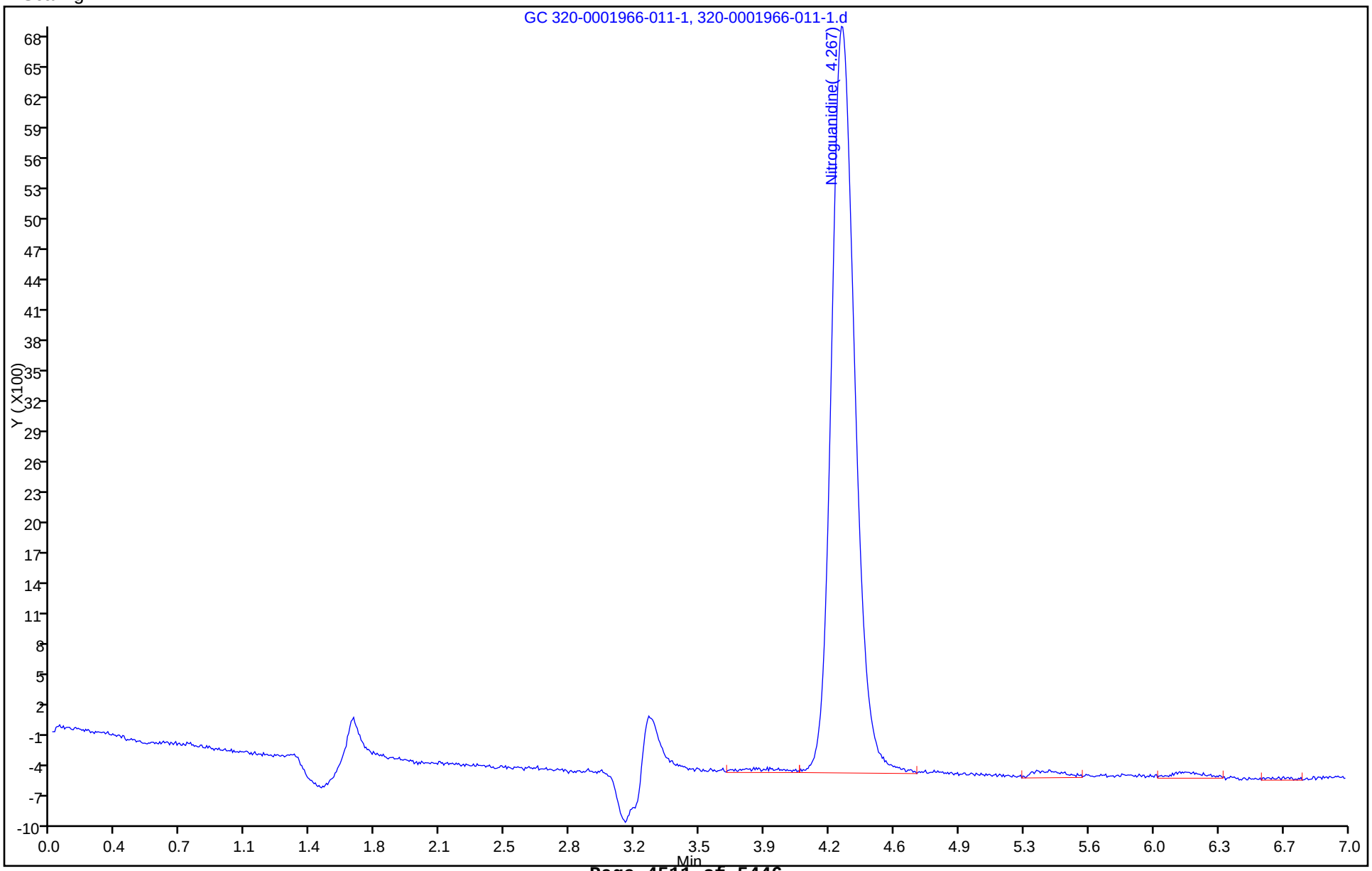
Report Date: 26-Dec-2012 15:16:14 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File: \\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-011-1.d

Injection Date:	26-Dec-2012 14:58:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: LODV 320-7846/12 Calibration Date: 12/26/2012 15:13

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001966-012-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	36.40		5.04	5.00	0.7	

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: LODV 320-7846/12 Calibration Date: 12/26/2012 15:13

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001966-012-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.27	3.98	4.48

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-012-1.d		
Lims ID:	LODV	Client ID:	
Inject. Date:	26-Dec-2012 15:13:00	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	320-0001966-012 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	12
Detector:	GC 320-0001966-012-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:39:48	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

First Level Reviewer: noonanr Date: 26-Dec-2012 15:39:48

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					M
4.267	4.233	0.034	182	5.04	M

QC Flag Legend

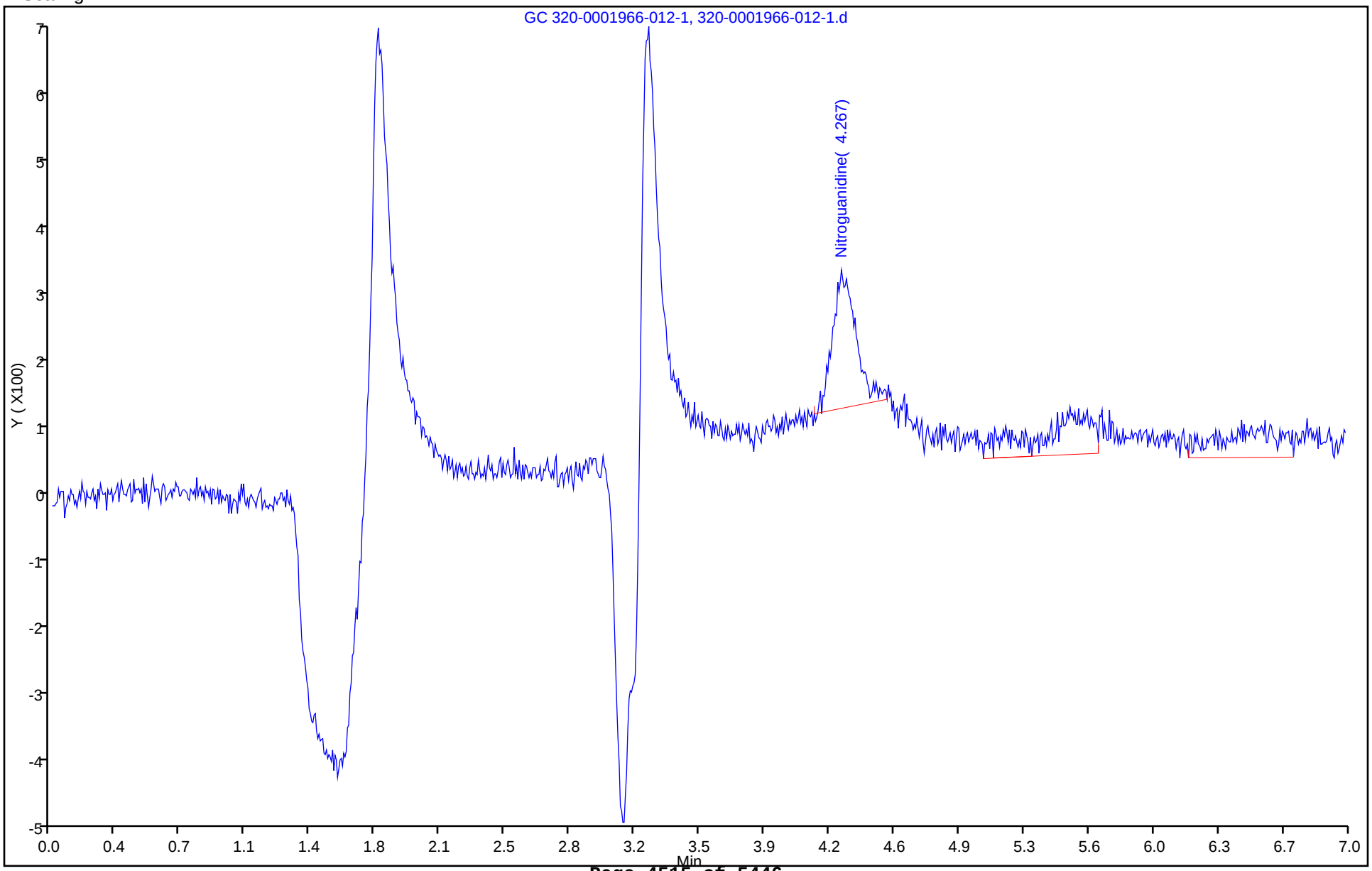
Review Flags
M - Manually Integrated

Report Date: 26-Dec-2012 15:39:48 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-012-1.d		
Injection Date:	26-Dec-2012 15:13:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



Report Date: 26-Dec-2012 15:39:48 Chrom Revision: 2.1 24-Dec-2012 15:14:58

Manual Integration/User Assign Peak Report

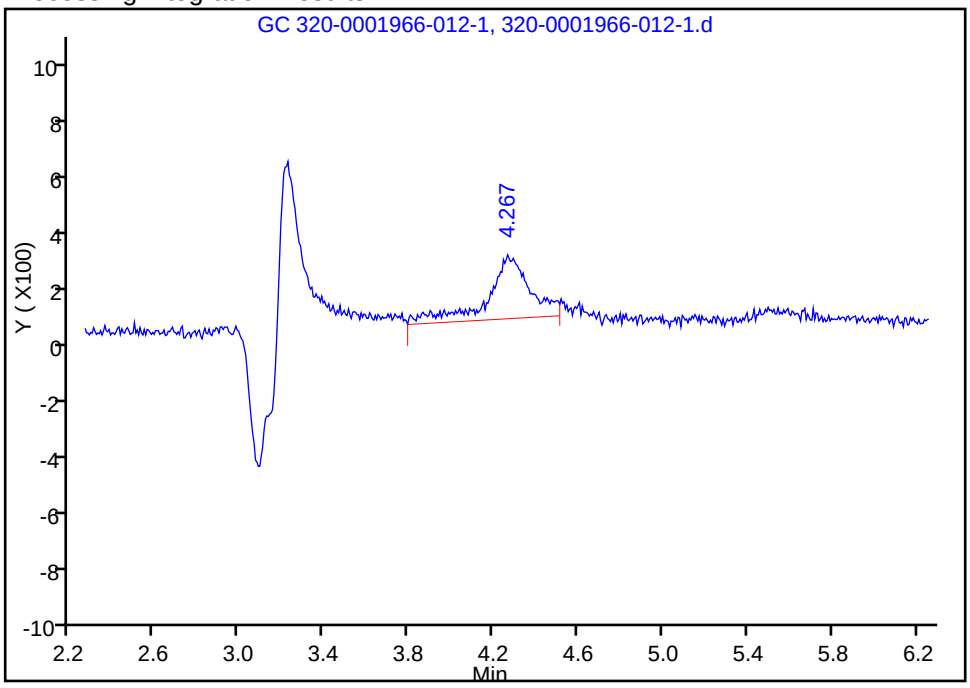
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-012-1.d		
Injection Date:	26-Dec-2012 15:13:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

1 Nitroguanidine, Signal: 1, Type: quant, RT: 4.23

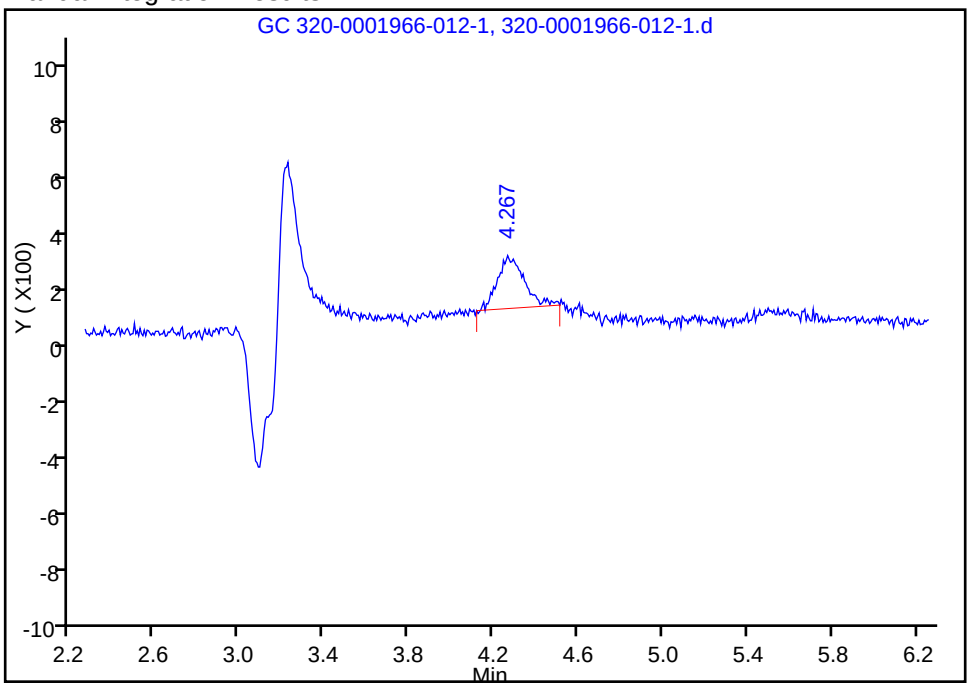
Processing Integration Results

RT: 4.27
Response: 220
Amount: 6.087718



Manual Integration Results

RT: 4.27
Response: 182
Amount: 5.036203



Reviewer: noonanr, 26-Dec-2012 15:39:48
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCVL 320-7846/13 Calibration Date: 12/26/2012 15:27

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001966-013-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	39.30		21.7	20.0	8.7	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCVL 320-7846/13 Calibration Date: 12/26/2012 15:27

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001966-013-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.23	3.98	4.48

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-013-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	26-Dec-2012 15:27:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0001966-013 Analysis		
Misc. Info.:	none STD05		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7846	Lims Sample ID:	13
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001966-013-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1966.b\NGu Primary.m		
Last Update:	26-Dec-2012 15:40:04	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK028		

First Level Reviewer: noonanr Date: 26-Dec-2012 15:40:04

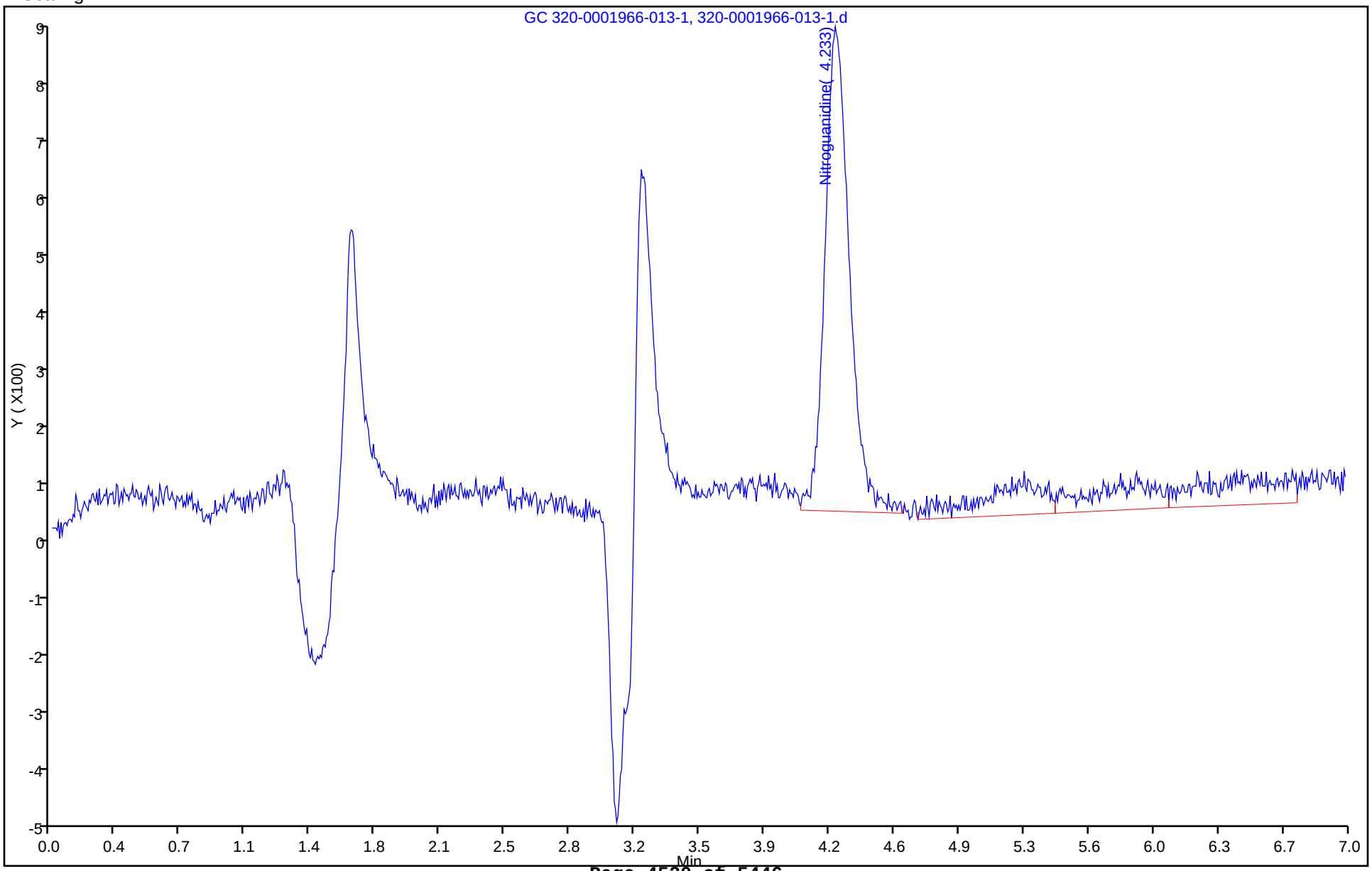
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.233	4.233	0.0	786	21.7	

Report Date: 26-Dec-2012 15:40:05 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-013-1.d		
Injection Date:	26-Dec-2012 15:27:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7846	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7855/11 Calibration Date: 12/26/2012 18:05

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-011-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	36.08		99.8	100	-0.2	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7855/11 Calibration Date: 12/26/2012 18:05

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-011-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.25	4.00	4.50

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-011-1.d		
Lims ID:	ccv 04	Client ID:	
Inject. Date:	26-Dec-2012 18:05:00	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	320-0001969-011 Analysis		
Misc. Info.:	none STD04		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	11
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001969-011-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:20:42	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:20:42

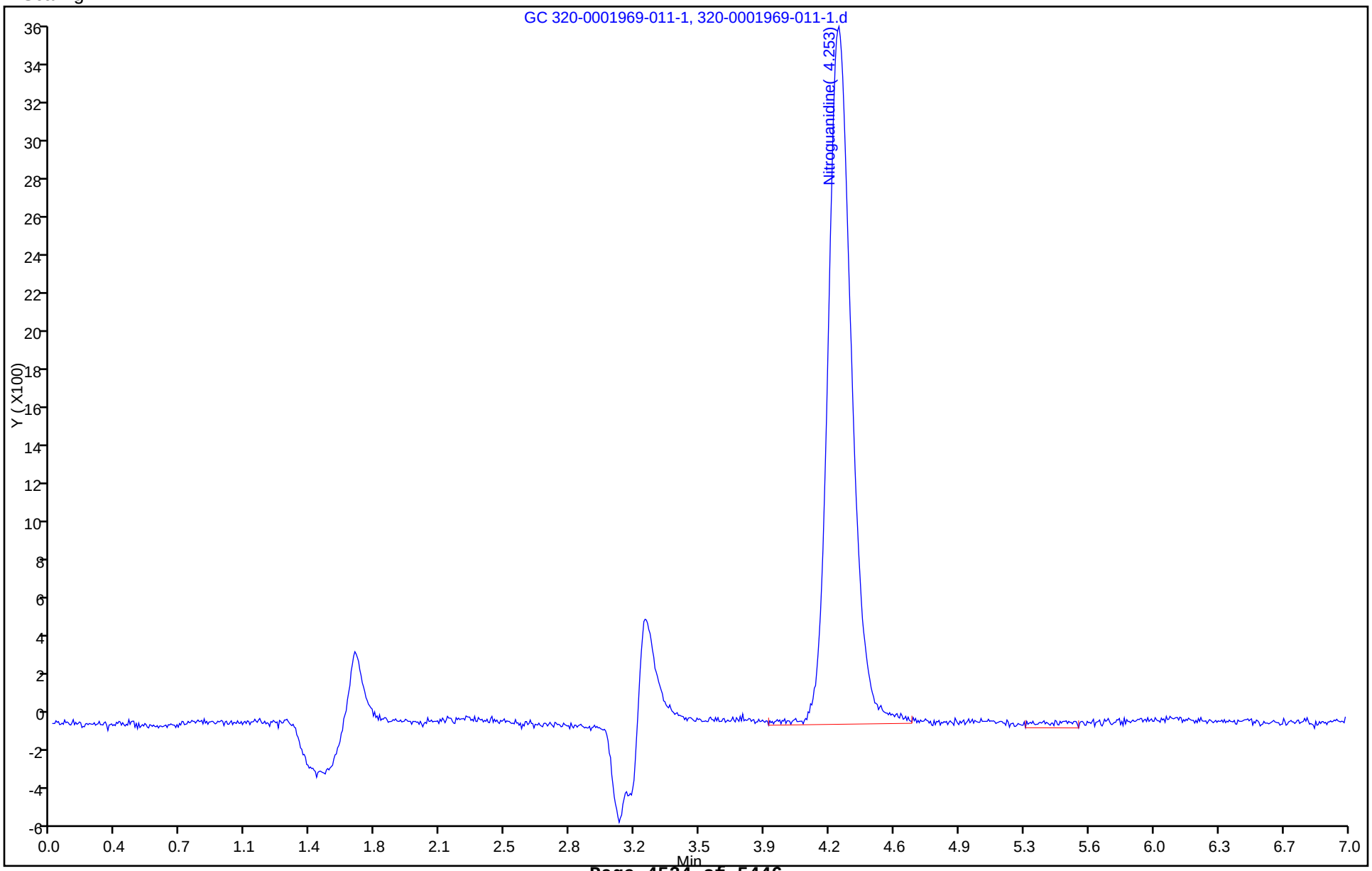
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.253	4.253	0.0	3608	99.8	

Report Date: 28-Dec-2012 08:20:42 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-011-1.d		
Injection Date:	26-Dec-2012 18:05:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7855/22 Calibration Date: 12/26/2012 20:43

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-022-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	37.20		103	100	2.9	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7855/22 Calibration Date: 12/26/2012 20:43

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-022-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.25	4.00	4.50

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-022-1.d		
Lims ID:	ccv 04	Client ID:	
Inject. Date:	26-Dec-2012 20:43:00	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	320-0001969-022 Analysis		
Misc. Info.:	none STD04		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	22
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001969-022-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:52:11	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:52:11

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					M
4.247	4.247	0.0	3720	102.9	M

QC Flag Legend

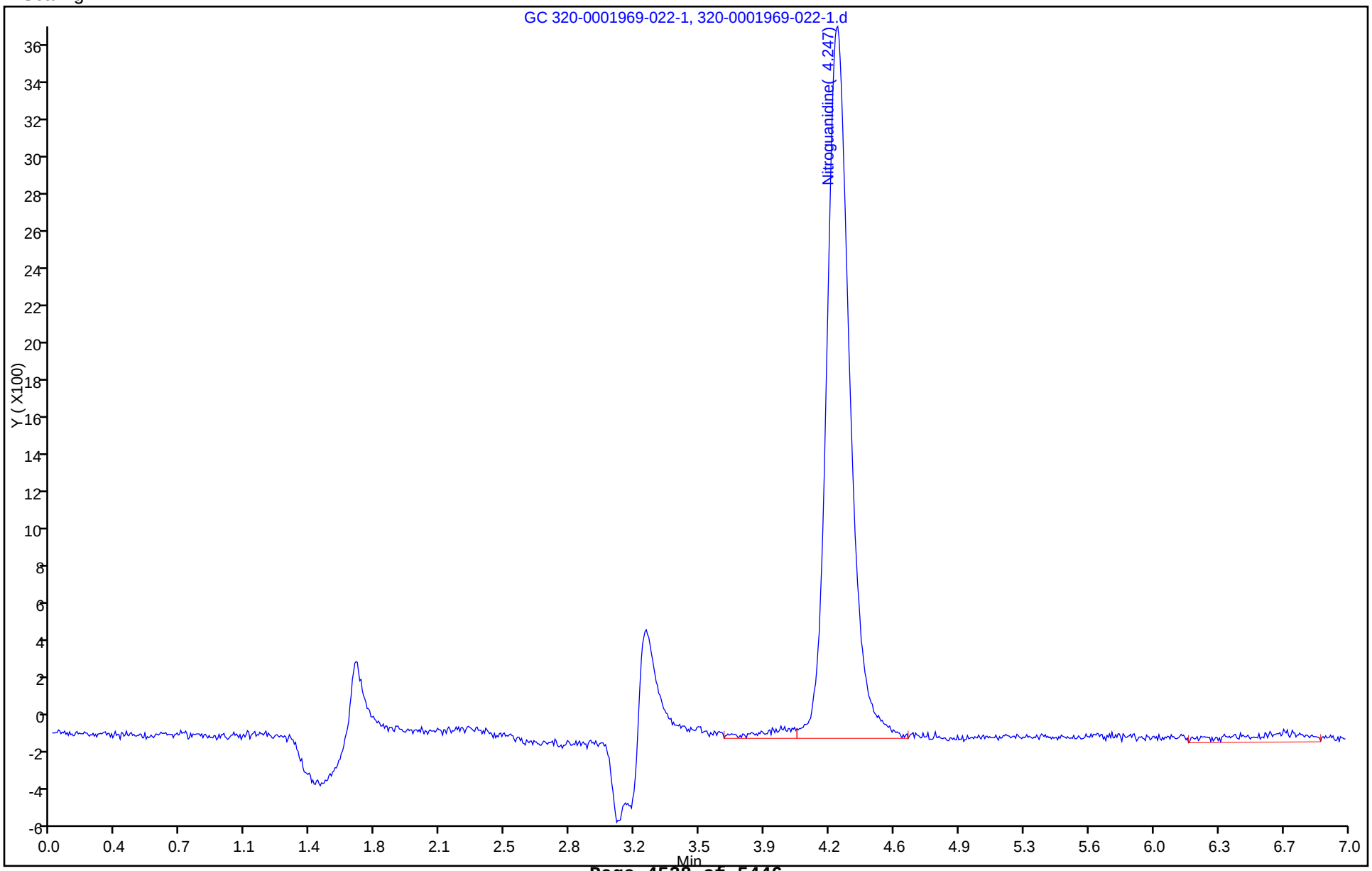
Review Flags
M - Manually Integrated

Report Date: 28-Dec-2012 08:52:11 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-022-1.d		
Injection Date:	26-Dec-2012 20:43:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	22
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



Report Date: 28-Dec-2012 08:52:11 Chrom Revision: 2.1 24-Dec-2012 15:14:58

Manual Integration/User Assign Peak Report

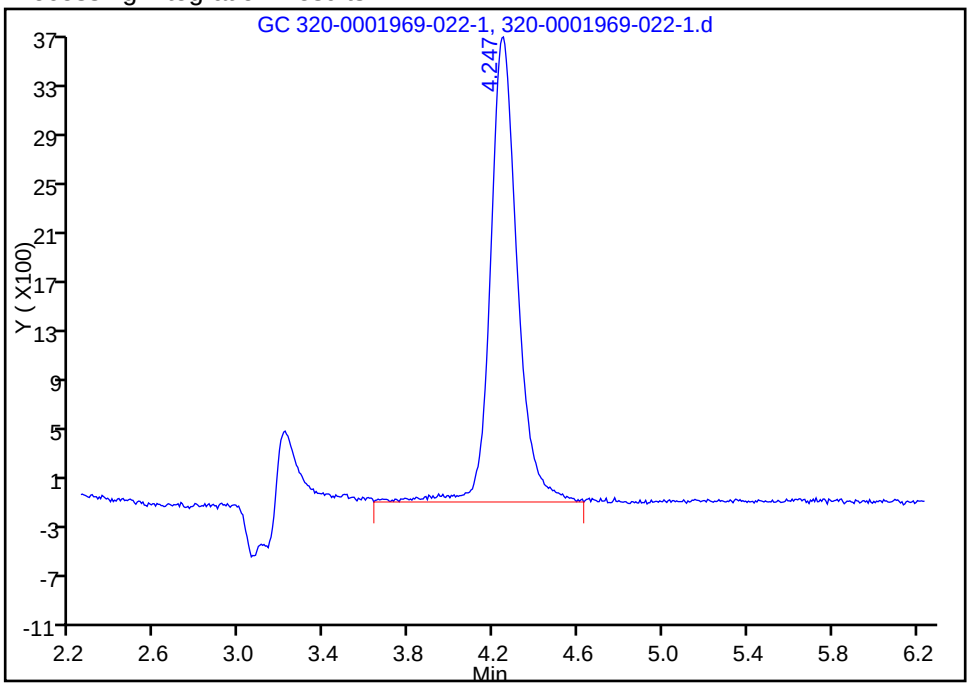
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-022-1.d		
Injection Date:	26-Dec-2012 20:43:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	22
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

1 Nitroguanidine, Signal: 1, Type: quant, RT: 4.25

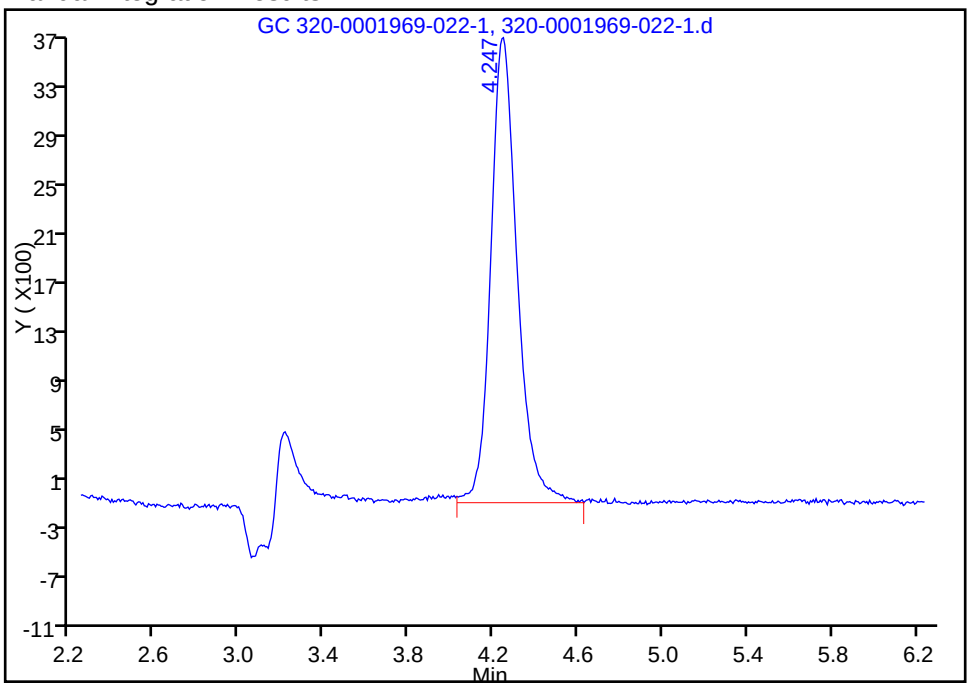
Processing Integration Results

RT: 4.25
Response: 3720
Amount: 102.9378



Manual Integration Results

RT: 4.25
Response: 3720
Amount: 102.9378



Reviewer: noonanr, 28-Dec-2012 08:23:50
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7855/33 Calibration Date: 12/26/2012 23:21

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-033-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	37.01		102	100	2.4	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7855/33 Calibration Date: 12/26/2012 23:21

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-033-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.25	4.00	4.50

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-033-1.d		
Lims ID:	ccv 04	Client ID:	
Inject. Date:	26-Dec-2012 23:21:00	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	320-0001969-033 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	33
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001969-033-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:28:05	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:28:05

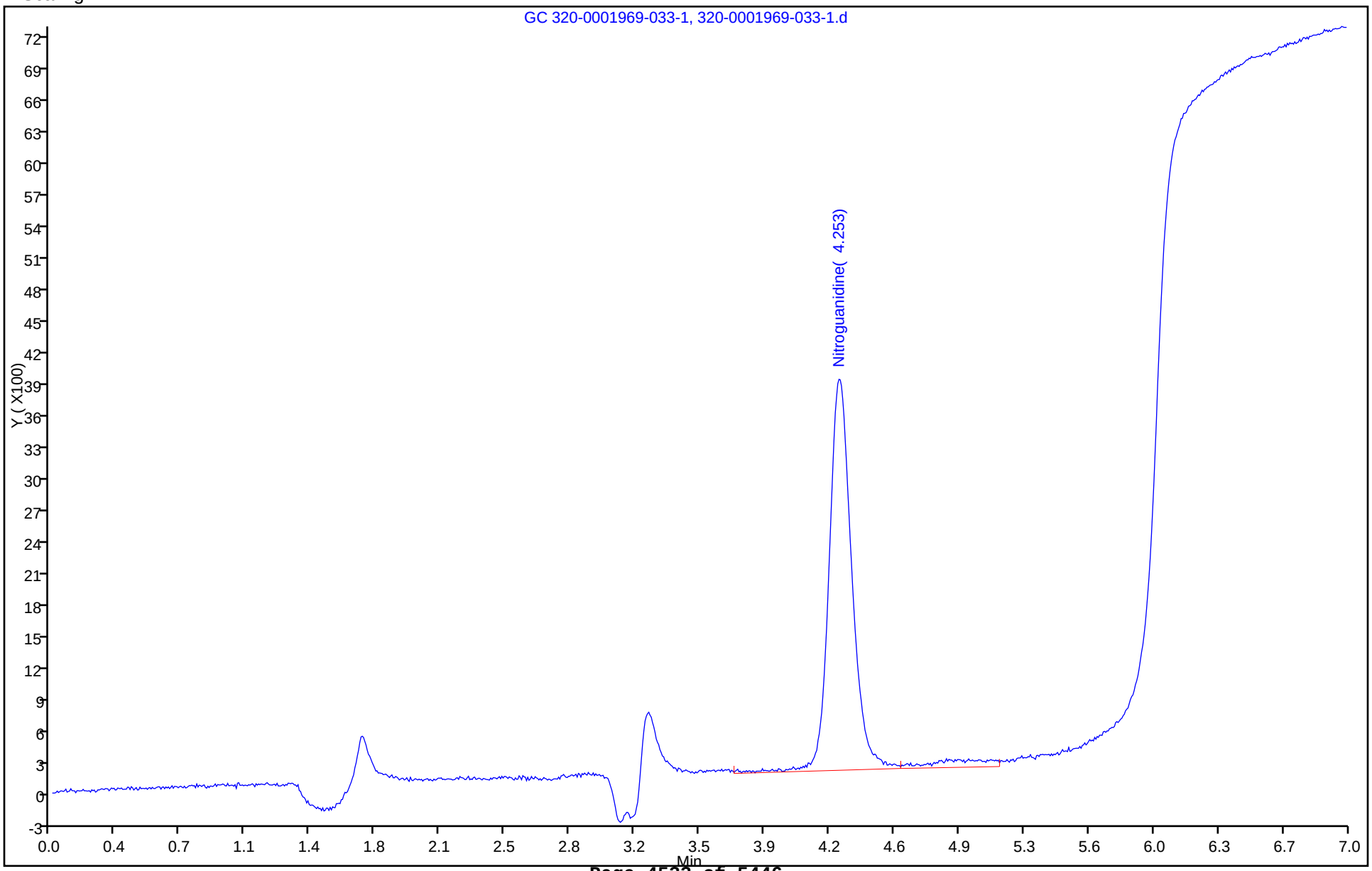
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.253	4.253	0.0	3701	102.4	

Report Date: 28-Dec-2012 08:28:05 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-033-1.d		
Injection Date:	26-Dec-2012 23:21:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	33
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7855/42 Calibration Date: 12/27/2012 01:31

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-042-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	37.68		104	100	4.3	15.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7855/42 Calibration Date: 12/27/2012 01:31

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-042-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.25	4.00	4.50

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-042-1.d		
Lims ID:	ccv 04	Client ID:	
Inject. Date:	27-Dec-2012 01:31:00	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	320-0001969-042 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	42
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001969-042-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:29:36	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:29:36

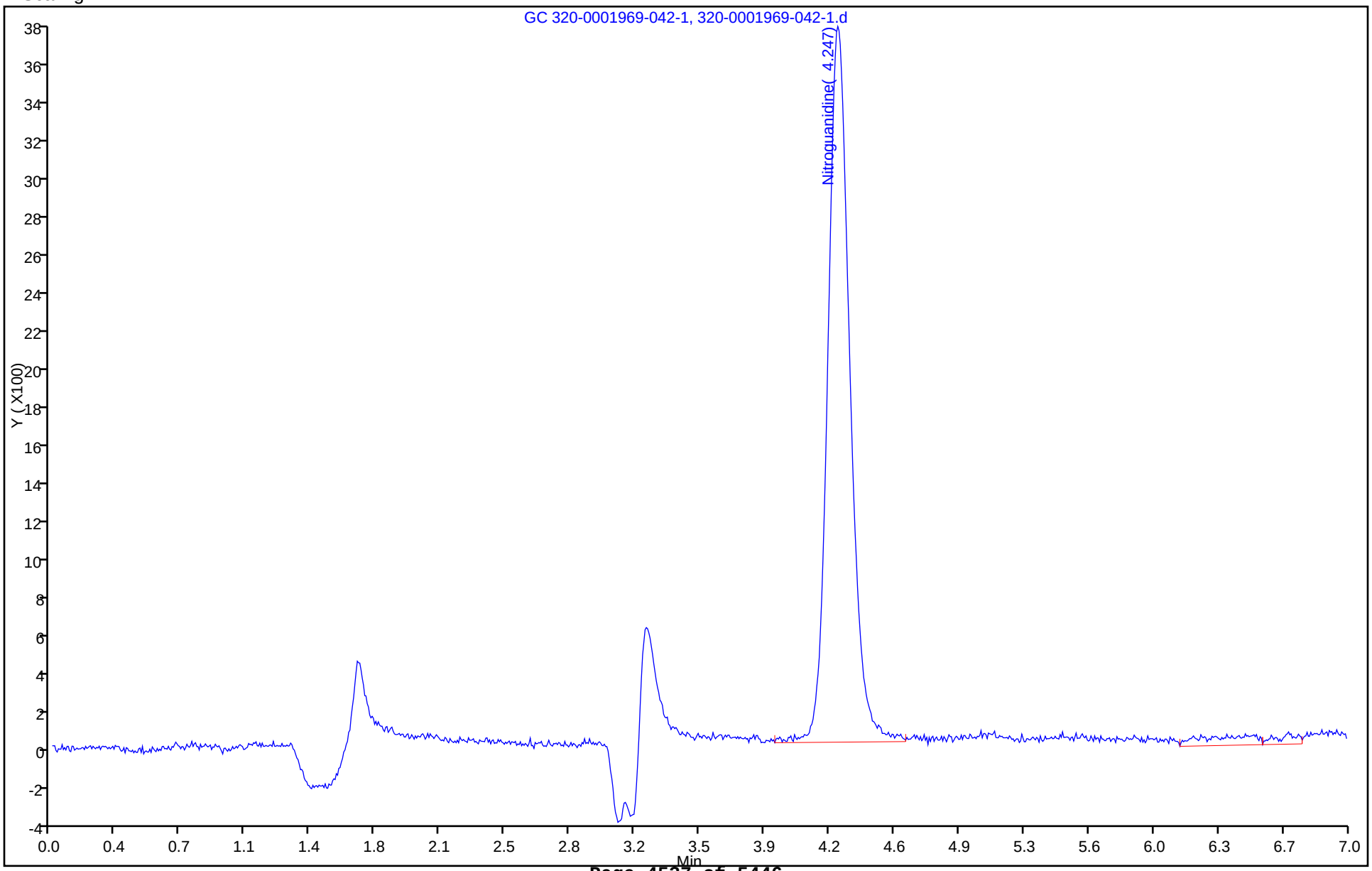
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.247	4.247	0.0	3768	104.3	

Report Date: 28-Dec-2012 08:29:36 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-042-1.d		
Injection Date:	27-Dec-2012 01:31:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	42
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCVL 320-7855/59 Calibration Date: 12/27/2012 05:34

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-059-1.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitroguanidine	Ave	36.14	39.70		22.0	20.0	9.9	30.0

FORM VII 8330 Modified

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCVL 320-7855/59 Calibration Date: 12/27/2012 05:34

Instrument ID: PDA1 Calib Start Date: 12/26/2012 13:18

GC Column: Luna NH2 ID: 4.60(mm) Calib End Date: 12/26/2012 14:30

Lab File ID: 320-0001969-059-1.d

Analyte	RT	RT WINDOW	
		FROM	TO
Nitroguanidine	4.25	4.00	4.50

Form VII 8330 Modified

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-059-1.d		
Lims ID:	CCVL	Client ID:	
Inject. Date:	27-Dec-2012 05:34:00	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0001969-059 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	59
Sublist:	chrom-NGu Primary*sub1		
Detector:	GC 320-0001969-059-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 09:14:30	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 09:14:30

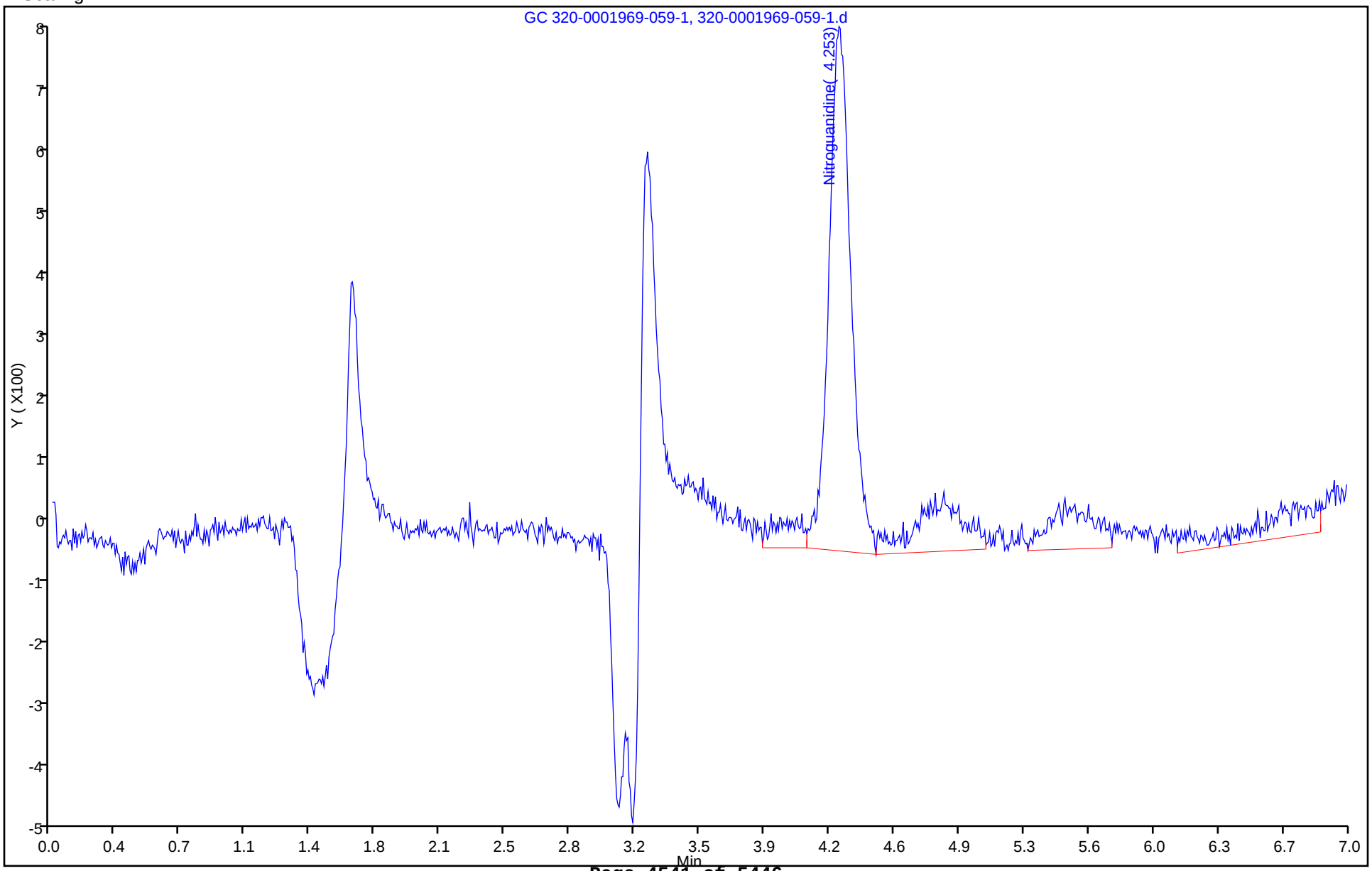
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.253	4.253	0.0	794	22.0	

Report Date: 28-Dec-2012 09:14:30 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-059-1.d		
Injection Date:	27-Dec-2012 05:34:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	59
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-7464/1-A

Matrix: Solid Lab File ID: 320-0001969-019-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.00(g) Date Analyzed: 12/26/2012 20:00

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.040	U	0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-019-1.d		
Lims ID:	MB 320-7464/1-A	Client ID:	
Inject. Date:	26-Dec-2012 20:00:00	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0001969-019 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	19
Detector:	GC 320-0001969-019-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:20:42	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:22:03

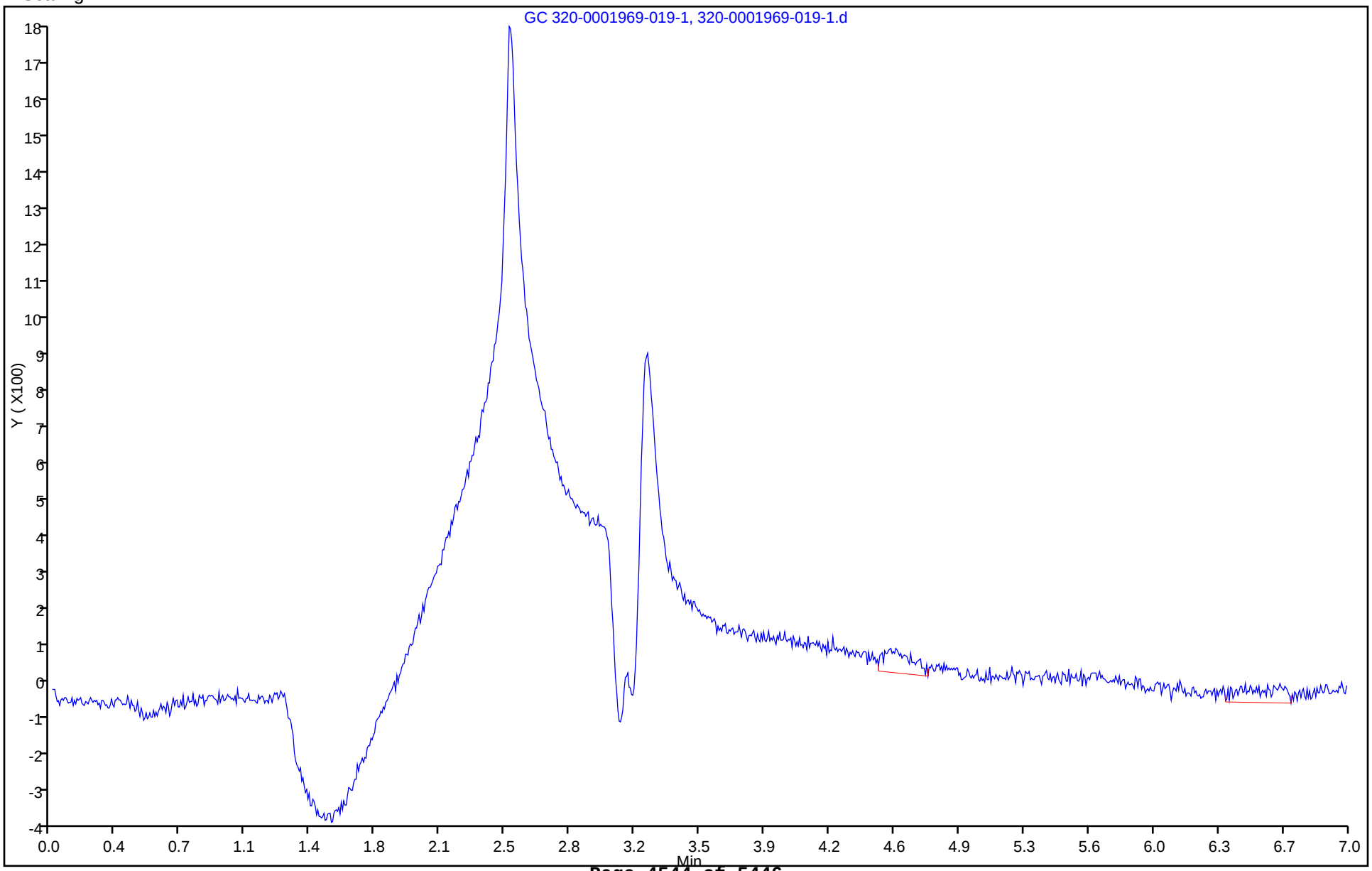
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags

Report Date: 28-Dec-2012 08:22:03 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-019-1.d		
Injection Date:	26-Dec-2012 20:00:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	19
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 320-7464/2-A

Matrix: Solid Lab File ID: 320-0001969-020-1.d

Analysis Method: 8330 Modified Date Collected:

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.00(g) Date Analyzed: 12/26/2012 20:14

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.981		0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-020-1.d		
Lims ID:	LCS 320-7464/2-A	Client ID:	
Inject. Date:	26-Dec-2012 20:14:00	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	320-0001969-020 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	20
Detector:	GC 320-0001969-020-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:23:16	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:23:16

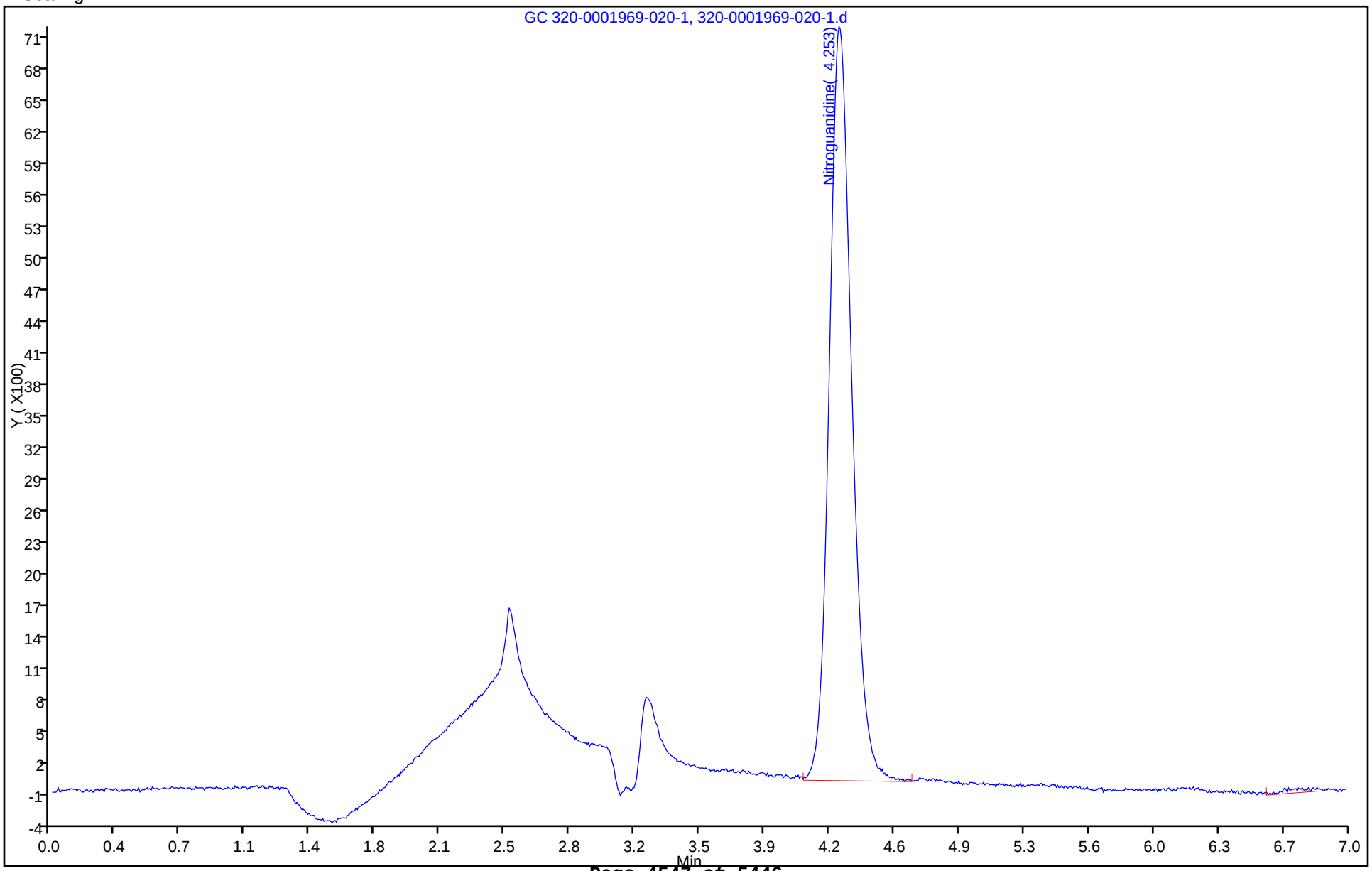
	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1	Nitroguanidine					
	4.253	4.253	0.0	7091	196.2	

Report Date: 28-Dec-2012 08:23:16 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-020-1.d		
Injection Date:	26-Dec-2012 20:14:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:		Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	20
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MS Lab Sample ID: 240-18544-19 MS

Matrix: Solid Lab File ID: 320-0001969-025-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 15:27

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 1.99(g) Date Analyzed: 12/26/2012 21:26

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.980		0.25	0.040	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-025-1.d		
Lims ID:	240-18544-A-19-D MS	Client ID:	076SB-0100M-0002-SO
Inject. Date:	26-Dec-2012 21:26:00	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	320-0001969-025 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	25
Detector:	GC 320-0001969-025-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:26:35	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:26:35

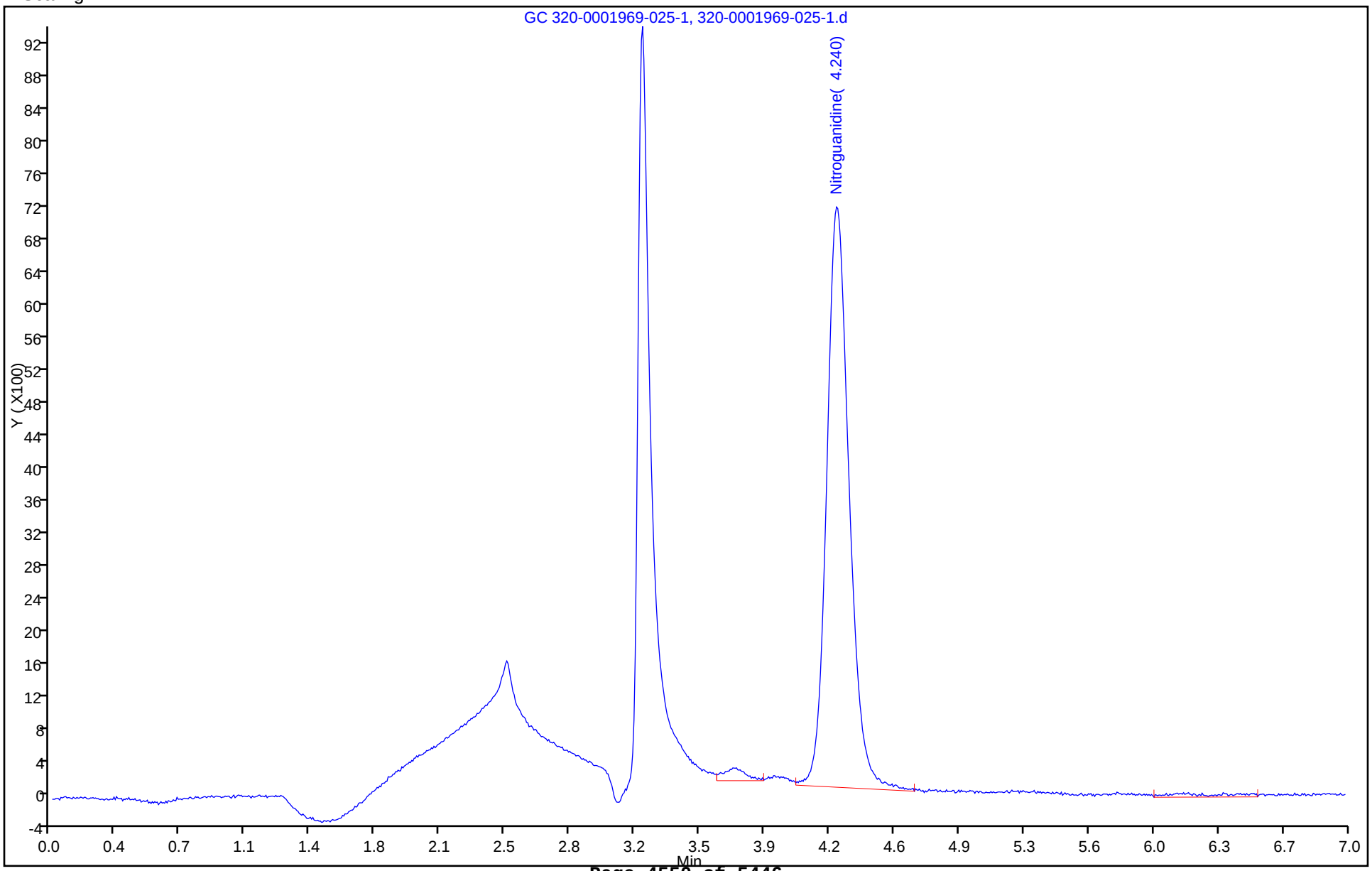
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.240	4.247	-0.007	7051	195.1	

Report Date: 28-Dec-2012 08:26:35 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-025-1.d		
Injection Date:	26-Dec-2012 21:26:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	25
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MSD Lab Sample ID: 240-18544-19 MSD

Matrix: Solid Lab File ID: 320-0001969-026-1.d

Analysis Method: 8330 Modified Date Collected: 12/06/2012 15:27

Extraction Method: Sieve/Ultrasoni Date Extracted: 12/17/2012 11:57

Sample wt/vol: 2.04(g) Date Analyzed: 12/26/2012 21:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 50(uL) GC Column: Luna NH2 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7855 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
556-88-7	Nitroguanidine	0.978		0.25	0.039	0.020

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-026-1.d		
Lims ID:	240-18544-A-19-E MSD	Client ID:	076SB-0100M-0002-SO
Inject. Date:	26-Dec-2012 21:41:00	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	320-0001969-026 Analysis		
Misc. Info.:	none		
Operator:	RN	Instrument ID:	PDA1
Injection Vol:	50.0 ul	ALS Bottle#:	0
Lims Batch ID:	7855	Lims Sample ID:	26
Detector:	GC 320-0001969-026-1		
Method:	\\SACChrom\ChromData\PDA1\20121226-1969.b\NGu Primary.m		
Last Update:	28-Dec-2012 08:26:35	Calib Date:	26-Dec-2012 14:30:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\PDA1\20121226-1966.b\320-0001966-009-1.d		
Limit Group:	LC 8330 Ngu ICAL		
Integrator:	Falcon		
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm
Process Host:	XAWRK013		

First Level Reviewer: noonanr Date: 28-Dec-2012 08:26:43

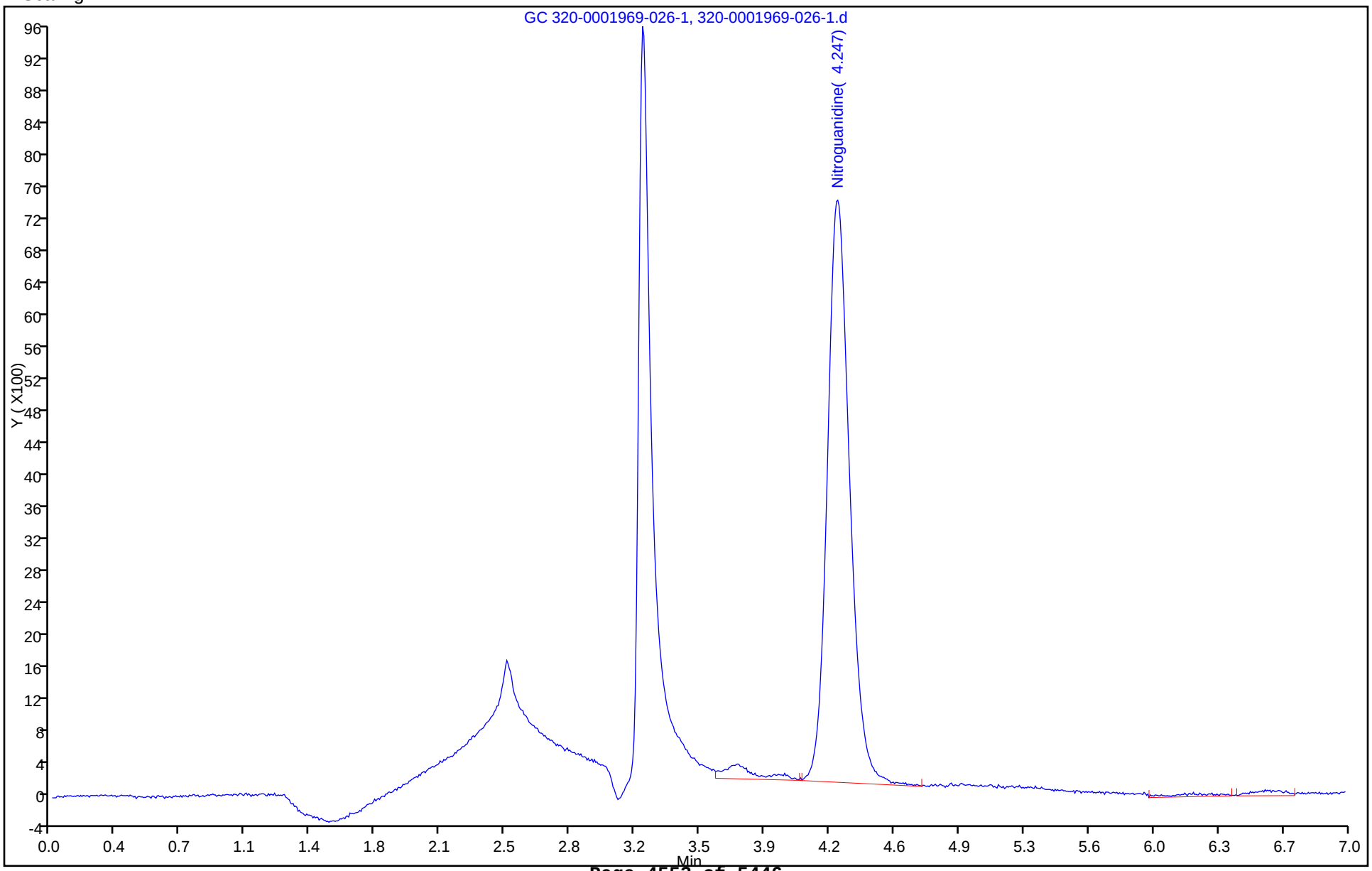
RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
1 Nitroguanidine					
4.247	4.247	0.0	7211	199.5	

Report Date: 28-Dec-2012 08:26:43 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\PDA1\20121226-1969.b\320-0001969-026-1.d		
Injection Date:	26-Dec-2012 21:41:00	Limit Group:	LC 8330 Ngu ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	PDA1
Lims Batch ID:	7855	Lims Sample ID:	26
Operator ID:	RN	Injection Vol:	50.0 ul
Column Type:	Luna 5u NH2 100A	Column Dia:	4.60 mm

Y Scaling:



HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: PDA1 Start Date: 12/26/2012 13:04

Analysis Batch Number: 7846 End Date: 12/26/2012 15:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/26/2012 13:04	1		Luna NH2 4.6(mm)
STD02 320-7846/4 IC		12/26/2012 13:18	1	320-0001966-004 -1.d	Luna NH2 4.6(mm)
STD03 320-7846/5 IC		12/26/2012 13:32	1	320-0001966-005 -1.d	Luna NH2 4.6(mm)
STD04 320-7846/6 IC		12/26/2012 13:47	1	320-0001966-006 -1.d	Luna NH2 4.6(mm)
STD05 320-7846/7 IC		12/26/2012 14:01	1	320-0001966-007 -1.d	Luna NH2 4.6(mm)
STD06 320-7846/8 IC		12/26/2012 14:15	1	320-0001966-008 -1.d	Luna NH2 4.6(mm)
STD07 320-7846/9 IC		12/26/2012 14:30	1	320-0001966-009 -1.d	Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 14:44	1		Luna NH2 4.6(mm)
ICV 320-7846/11		12/26/2012 14:58	1	320-0001966-011 -1.d	Luna NH2 4.6(mm)
LODV 320-7846/12		12/26/2012 15:13	1	320-0001966-012 -1.d	Luna NH2 4.6(mm)
CCVL 320-7846/13		12/26/2012 15:27	1	320-0001966-013 -1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: PDA1 Start Date: 12/26/2012 15:41

Analysis Batch Number: 7855 End Date: 12/27/2012 05:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/26/2012 15:41	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 15:56	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 16:10	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 16:24	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 16:39	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 16:53	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 17:08	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 17:22	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 17:36	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 17:51	1		Luna NH2 4.6(mm)
CCV 320-7855/11		12/26/2012 18:05	1	320-0001969-011 -1.d	Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 18:19	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 18:34	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 18:48	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 19:03	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 19:17	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 19:31	1		Luna NH2 4.6(mm)
ZZZZZ		12/26/2012 19:46	1		Luna NH2 4.6(mm)
MB 320-7464/1-A		12/26/2012 20:00	1	320-0001969-019 -1.d	Luna NH2 4.6(mm)
LCS 320-7464/2-A		12/26/2012 20:14	1	320-0001969-020 -1.d	Luna NH2 4.6(mm)
240-18544-3	072SB-0065-0001-SO	12/26/2012 20:29	1	320-0001969-021 -1.d	Luna NH2 4.6(mm)
CCV 320-7855/22		12/26/2012 20:43	1	320-0001969-022 -1.d	Luna NH2 4.6(mm)
240-18544-16	076SB-0098-0001-SO	12/26/2012 20:58	1	320-0001969-023 -1.d	Luna NH2 4.6(mm)
240-18544-19	076SB-0100M-0001-SO	12/26/2012 21:12	1	320-0001969-024 -1.d	Luna NH2 4.6(mm)
240-18544-19 MS	076SB-0100M-0001-SO MS	12/26/2012 21:26	1	320-0001969-025 -1.d	Luna NH2 4.6(mm)
240-18544-19 MSD	076SB-0100M-0001-SO MSD	12/26/2012 21:41	1	320-0001969-026 -1.d	Luna NH2 4.6(mm)
240-18544-20	076SB-0101M-0001-SO	12/26/2012 21:55	1	320-0001969-027 -1.d	Luna NH2 4.6(mm)
240-18544-21	076SB-0102M-0001-SO	12/26/2012 22:09	1	320-0001969-028 -1.d	Luna NH2 4.6(mm)
240-18544-22	076SB-0103M-0001-SO	12/26/2012 22:24	1	320-0001969-029 -1.d	Luna NH2 4.6(mm)
240-18544-23	076SB-0104M-0001-SO	12/26/2012 22:38	1	320-0001969-030 -1.d	Luna NH2 4.6(mm)
240-18544-24	076SB-0105M-0001-SO	12/26/2012 22:53	1	320-0001969-031 -1.d	Luna NH2 4.6(mm)
240-18544-25	076SB-0106M-0001-SO	12/26/2012 23:07	1	320-0001969-032 -1.d	Luna NH2 4.6(mm)
CCV 320-7855/33		12/26/2012 23:21	1	320-0001969-033 -1.d	Luna NH2 4.6(mm)
240-18544-26	076SB-0107M-0001-SO	12/26/2012 23:36	1	320-0001969-034 -1.d	Luna NH2 4.6(mm)
240-18544-27	076SB-0108M-0001-SO	12/26/2012 23:50	1	320-0001969-035 -1.d	Luna NH2 4.6(mm)
240-18544-28	076SB-0109M-0001-SO	12/27/2012 00:04	1	320-0001969-036 -1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: PDA1 Start Date: 12/26/2012 15:41

Analysis Batch Number: 7855 End Date: 12/27/2012 05:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
240-18544-29	076SB-0110M-0001-SO	12/27/2012 00:19	1	320-0001969-037 -1.d	Luna NH2 4.6(mm)
240-18544-31	076SB-0112M-0001-SO	12/27/2012 00:33	1	320-0001969-038 -1.d	Luna NH2 4.6(mm)
240-18544-33	076SB-0114M-0001-SO	12/27/2012 00:47	1	320-0001969-039 -1.d	Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 01:02	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 01:16	1		Luna NH2 4.6(mm)
CCV 320-7855/42		12/27/2012 01:31	1	320-0001969-042 -1.d	Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 01:45	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 01:59	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 02:14	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 02:28	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 02:42	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 02:57	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 03:11	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 03:25	1		Luna NH2 4.6(mm)
CCV 320-7855/51		12/27/2012 03:40	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 03:54	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 04:08	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 04:23	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 04:37	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 04:51	1		Luna NH2 4.6(mm)
ZZZZZ		12/27/2012 05:06	1		Luna NH2 4.6(mm)
CCV 320-7855/58		12/27/2012 05:20	1		Luna NH2 4.6(mm)
CCVL 320-7855/59		12/27/2012 05:34	1	320-0001969-059 -1.d	Luna NH2 4.6(mm)

8330 Modified

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Batch Number: 7464 Batch Start Date: 12/17/12 11:57 Batch Analyst: Arauz, Horacio

Batch Method: Sieve/Ultrasoni Batch End Date: 12/18/12 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNQSP 00006			
MB 320-7464/1		Sieve/Ultrasoni, 8330 Modified		2.00 g	10 mL				
LCS 320-7464/2		Sieve/Ultrasoni, 8330 Modified		2.00 g	10 mL	40 uL			
240-18544-I-3	072SB-0065-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.06 g	10 mL				
240-18544-F-16	076SB-0098-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.02 g	10 mL				
240-18544-Y-19	076SB-0100M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.02 g	10 mL				
240-18544-A-19 MS	076SB-0100M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	1.99 g	10 mL	40 uL			
240-18544-A-19 MSD	076SB-0100M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.04 g	10 mL	40 uL			
240-18544-F-20	076SB-0101M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.00 g	10 mL				
240-18544-F-21	076SB-0102M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.05 g	10 mL				
240-18544-F-22	076SB-0103M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.02 g	10 mL				
240-18544-F-23	076SB-0104M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.04 g	10 mL				
240-18544-F-24	076SB-0105M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	1.98 g	10 mL				
240-18544-F-25	076SB-0106M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.04 g	10 mL				
240-18544-F-26	076SB-0107M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.05 g	10 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Batch Number: 7464 Batch Start Date: 12/17/12 11:57 Batch Analyst: Arauz, Horacio

Batch Method: Sieve/Ultrasoni Batch End Date: 12/18/12 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HPNQSP 00006			
240-18544-F-27	076SB-0108M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.06 g	10 mL				
240-18544-F-28	076SB-0109M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.02 g	10 mL				
240-18544-F-29	076SB-0110M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.07 g	10 mL				
240-18544-I-31	076SB-0112M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.10 g	10 mL				
240-18544-F-33	076SB-0114M-0001-SO	Sieve/Ultrasoni, 8330 Modified	T	2.00 g	10 mL				

Batch Notes	
Balance ID	QA-070
Calcium Chloride Reagent ID	CaCL2_00004
Date of Clean up	12/18/12
Analyst performed Clean Up	NK
Date Sample was Dried	12-14-12
Filter Lot #	R2DA02309
Filter Type	.45um MILLIPORE
Date Sample was Ground	12-17-12
Person's name who witnessed reagent drop	TP
Blank Sand Lot #	FISHER 120571
Sonication End Date	12-18-12
Sonication Start Date	12-17-12
Sonication Start Time	13:00
Sonication Stop Time	7:00
SOP Number	WS-LC-0010
Maximum Temperature	35 Degrees C
Minimum Temperature	0 Degrees C

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Batch Number: 7464 Batch Start Date: 12/17/12 11:57 Batch Analyst: Arauz, Horacio

Batch Method: Sieve/Ultrasoni Batch End Date: 12/18/12 11:00

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8330B

Nitroaromatics and Nitramines (HPLC) by Method 8330B

FORM II
HPLC/IC SURROGATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Synergi C18 ID: 4.6 (mm) GC Column (2): Zorbax CN 4.6 (mm)

Client Sample ID	Lab Sample ID	DNT1 #	DNT2 #
072SB-0065-0001-SO	240-18544-3	96	
076SB-0098-0001-SO	240-18544-16	95	
076SB-0100M-0001-SO	240-18544-19	95 M	
076SB-0100M-0001-SO	240-18544-19		89
076SB-0101M-0001-SO	240-18544-20	99	
076SB-0102M-0001-SO	240-18544-21	95	
076SB-0102M-0001-SO	240-18544-21		90
076SB-0103M-0001-SO	240-18544-22	95	
076SB-0104M-0001-SO	240-18544-23	96	
076SB-0105M-0001-SO	240-18544-24	99	
076SB-0106M-0001-SO	240-18544-25	98	
076SB-0107M-0001-SO	240-18544-26	96	
076SB-0107M-0001-SO	240-18544-26		89
076SB-0108M-0001-SO	240-18544-27	97	
076SB-0109M-0001-SO	240-18544-28	95	
076SB-0110M-0001-SO	240-18544-29	97	
076SB-0112M-0001-SO	240-18544-31	95	
076SB-0114M-0001-SO	240-18544-33	100	
	MB 320-7444/1-A	97	
	MB 320-7444/1-A		91
	LCS 320-7444/2-A	97	
076SB-0100M-0001-SO MS	240-18544-19 MS	97	
076SB-0100M-0001-SO MSD	240-18544-19 MSD	99	

	QC LIMITS
DNT = 3,4-Dinitrotoluene	78-118

Column to be used to flag recovery values

FORM II 8330B

FORM III
HPLC/IC LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: S000024.D

Lab ID: LCS 320-7444/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
2-Amino-4,6-dinitrotoluene	0.500	0.502	100	79-119	
4-Amino-2,6-dinitrotoluene	0.500	0.507	101	81-121	
1,3-Dinitrobenzene	0.500	0.503	101	81-121	
2,4-Dinitrotoluene	0.500	0.497	99	79-119	
2,6-Dinitrotoluene	0.500	0.490	98	79-119	
HMX	0.500	0.501	100	80-120	
Nitrobenzene	0.500	0.505	101	80-120	
Nitroglycerin	1.00	0.956	96	76-116	
2-Nitrotoluene	0.500	0.460	92	78-118	
3-Nitrotoluene	0.500	0.476	95	77-117	
4-Nitrotoluene	0.500	0.481	96	78-118	
PETN	1.00	0.908	91	76-116	
RDX	0.500	0.500	100	82-122	
Tetryl	0.500	0.470	94	63-120	
1,3,5-Trinitrobenzene	0.500	0.501	100	81-121	
2,4,6-Trinitrotoluene	0.500	0.470	94	65-105	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM III
HPLC/IC MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: S000030.D

Lab ID: 240-18544-19 MS Client ID: 076SB-0100M-0001-SO MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
2-Amino-4,6-dinitrotoluene	0.496	0.050 U	0.481	97	79-119	
4-Amino-2,6-dinitrotoluene	0.496	0.050 U	0.480	97	81-121	
1,3-Dinitrobenzene	0.496	0.050 U	0.492	99	81-121	
2,4-Dinitrotoluene	0.496	0.050 U	0.483	97	79-119	
2,6-Dinitrotoluene	0.496	0.050 U	0.472	95	79-119	
HMX	0.496	0.050 U	0.478	96	80-120	
Nitrobenzene	0.496	0.050 U	0.497	100	80-120	
Nitroglycerin	0.992	0.017 J	0.941	93	76-116	
2-Nitrotoluene	0.496	0.015 J	0.464	91	78-118	
3-Nitrotoluene	0.496	0.050 U	0.465	94	77-117	
4-Nitrotoluene	0.496	0.050 U	0.468	94	78-118	
PETN	0.992	0.25 U	0.951	96	76-116	
RDX	0.496	0.050 U	0.471	95	82-122	
Tetryl	0.496	0.050 U	0.466	94	63-120	
1,3,5-Trinitrobenzene	0.496	0.050 U	0.490	99	81-121	
2,4,6-Trinitrotoluene	0.496	0.050 U	0.458	92	65-105	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM III
HPLC/IC MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: S000031.D

Lab ID: 240-18544-19 MSD Client ID: 076SB-0100M-0001-SO MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
2-Amino-4,6-dinitrotoluene	0.499	0.486	98	1	20	79-119	
4-Amino-2,6-dinitrotoluene	0.499	0.507	102	6	20	81-121	
1,3-Dinitrobenzene	0.499	0.510	102	4	20	81-121	
2,4-Dinitrotoluene	0.499	0.490	98	1	20	79-119	
2,6-Dinitrotoluene	0.499	0.487	98	3	20	79-119	M
HMX	0.499	0.499	100	4	20	80-120	
Nitrobenzene	0.499	0.503	101	1	20	80-120	
Nitroglycerin	0.997	0.978	96	4	20	76-116	
2-Nitrotoluene	0.499	0.474	92	2	20	78-118	
3-Nitrotoluene	0.499	0.484	97	4	20	77-117	
4-Nitrotoluene	0.499	0.477	96	2	20	78-118	
PETN	0.997	0.910	91	4	20	76-116	
RDX	0.499	0.484	97	3	20	82-122	
Tetryl	0.499	0.488	98	5	20	63-120	
1,3,5-Trinitrobenzene	0.499	0.504	101	3	20	81-121	
2,4,6-Trinitrotoluene	0.499	0.478	96	4	20	65-105	

Column to be used to flag recovery and RPD values

FORM III 8330B

FORM IV
HPLC/IC METHOD BLANK SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: MB 320-7444/1-A

Matrix: Solid Date Extracted: 12/17/2012 10:34

Lab File ID:(1) S000023.D Lab File ID:(2) ZB000005.D

Date Analyzed:(1) 12/20/2012 07:07 Date Analyzed:(2) 12/28/2012 15:00

Instrument ID:(1) LC10 Instrument ID:(2) LC12

GC Column:(1) Synergi C18 ID: 4.6(mm) GC Column:(2) Zorbax CN ID: 4.6(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 320-7444/2-A	12/20/2012 07:47	
072SB-0065-0001-SO	240-18544-3	12/20/2012 08:27	
076SB-0098-0001-SO	240-18544-16	12/20/2012 09:48	
076SB-0100M-0001-SO	240-18544-19	12/20/2012 10:28	12/28/2012 16:06
076SB-0100M-0001-SO MS	240-18544-19 MS	12/20/2012 11:48	
076SB-0100M-0001-SO MSD	240-18544-19 MSD	12/20/2012 12:29	
076SB-0101M-0001-SO	240-18544-20	12/20/2012 13:09	
076SB-0102M-0001-SO	240-18544-21	12/20/2012 13:49	12/28/2012 17:11
076SB-0103M-0001-SO	240-18544-22	12/20/2012 14:29	
076SB-0104M-0001-SO	240-18544-23	12/20/2012 15:09	
076SB-0105M-0001-SO	240-18544-24	12/20/2012 15:50	
076SB-0106M-0001-SO	240-18544-25	12/20/2012 17:10	
076SB-0107M-0001-SO	240-18544-26	12/20/2012 17:51	12/28/2012 18:17
076SB-0108M-0001-SO	240-18544-27	12/20/2012 18:31	
076SB-0109M-0001-SO	240-18544-28	12/20/2012 19:12	
076SB-0110M-0001-SO	240-18544-29	12/20/2012 19:52	
076SB-0112M-0001-SO	240-18544-31	12/20/2012 20:32	
076SB-0114M-0001-SO	240-18544-33	12/20/2012 21:13	

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Sample No.: CCV 320-7620/14 Date Analyzed: 12/20/2012 01:05

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): S000014.D Heated Purge: (Y/N) N

Calibration ID: 1202

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				16.77		
UPPER LIMIT				16.97		
LOWER LIMIT				16.57		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-7620/14 CCVRT		12/20/2012 01:05	S000014.D	16.77		
CCVL 320-7620/15		12/20/2012 01:45	S000015.D	16.75		
MB 320-7444/1-A		12/20/2012 07:07	S000023.D	16.80		
LCS 320-7444/2-A		12/20/2012 07:47	S000024.D	16.77		
240-18544-3	072SB-0065-0001-SO	12/20/2012 08:27	S000025.D	16.78		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.2 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Sample No.: CCV 320-7620/26 Date Analyzed: 12/20/2012 09:07

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): S000026.D Heated Purge: (Y/N) N

Calibration ID: 1202

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				16.80		
UPPER LIMIT				17.00		
LOWER LIMIT				16.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-7620/26 CCVRT		12/20/2012 09:07	S000026.D	16.80		
240-18544-16	076SB-0098-0001-SO	12/20/2012 09:48	S000027.D	16.84		
240-18544-19	076SB-0100M-0001-SO	12/20/2012 10:28	S000028.D	16.82		
240-18544-19 MS	076SB-0100M-0001-SO MS	12/20/2012 11:48	S000030.D	16.79		
240-18544-19 MSD	076SB-0100M-0001-SO MSD	12/20/2012 12:29	S000031.D	16.81		
240-18544-20	076SB-0101M-0001-SO	12/20/2012 13:09	S000032.D	16.79		
240-18544-21	076SB-0102M-0001-SO	12/20/2012 13:49	S000033.D	16.82		
240-18544-22	076SB-0103M-0001-SO	12/20/2012 14:29	S000034.D	16.84		
240-18544-23	076SB-0104M-0001-SO	12/20/2012 15:09	S000035.D	16.81		
240-18544-24	076SB-0105M-0001-SO	12/20/2012 15:50	S000036.D	16.81		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.2 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Sample No.: CCV 320-7620/37 Date Analyzed: 12/20/2012 16:30

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): S000037.D Heated Purge: (Y/N) N

Calibration ID: 1202

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				16.76		
UPPER LIMIT				16.96		
LOWER LIMIT				16.56		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-7620/37 CCVRT		12/20/2012 16:30	S000037.D	16.76		
240-18544-25	076SB-0106M-0001-SO	12/20/2012 17:10	S000038.D	16.83		
240-18544-26	076SB-0107M-0001-SO	12/20/2012 17:51	S000039.D	16.83		
240-18544-27	076SB-0108M-0001-SO	12/20/2012 18:31	S000040.D	16.81		
240-18544-28	076SB-0109M-0001-SO	12/20/2012 19:12	S000041.D	16.82		
240-18544-29	076SB-0110M-0001-SO	12/20/2012 19:52	S000042.D	16.76		
240-18544-31	076SB-0112M-0001-SO	12/20/2012 20:32	S000043.D	16.76		
240-18544-33	076SB-0114M-0001-SO	12/20/2012 21:13	S000044.D	16.79		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.2 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Sample No.: CCV 320-7620/46 Date Analyzed: 12/20/2012 23:14

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm)

Lab File ID (Standard): S000047.D Heated Purge: (Y/N) N

Calibration ID: 1202

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				16.69		
UPPER LIMIT				16.89		
LOWER LIMIT				16.49		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-7620/46 CCVRT		12/20/2012 23:14	S000047.D	16.69		
CCVL 320-7620/47		12/20/2012 23:55	S000048.D	16.75		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.2 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Sample No.: CCV 320-7989/3 Date Analyzed: 12/28/2012 12:49

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): ZB000003.D Heated Purge: (Y/N) N

Calibration ID: 1330

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				35.76		
UPPER LIMIT				35.96		
LOWER LIMIT				35.56		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-7989/3 CCVRT		12/28/2012 12:49	ZB000003.D	35.76		
CCVL 320-7989/4		12/28/2012 13:55	ZB000004.D	35.83		
MB 320-7444/1-A		12/28/2012 15:00	ZB000005.D	35.97 *		
240-18544-19	076SB-0100M-0001-SO	12/28/2012 16:06	ZB000006.D	36.06 *		
240-18544-21	076SB-0102M-0001-SO	12/28/2012 17:11	ZB000007.D	35.93		
240-18544-26	076SB-0107M-0001-SO	12/28/2012 18:17	ZB000008.D	35.96 *		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.2 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM VIII
HPLC/IC ANALYTICAL SEQUENCE

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Sample No.: CCV 320-7989/11 Date Analyzed: 12/28/2012 21:33

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm)

Lab File ID (Standard): ZB000011.D Heated Purge: (Y/N) N

Calibration ID: 1330

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DNT RT #		
CONTINUING CALIBRATION SURROGATE				35.90		
UPPER LIMIT				36.10		
LOWER LIMIT				35.70		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 320-7989/11 CCVRT		12/28/2012 21:33	ZB000011.D	35.90		
CCVL 320-7989/12		12/28/2012 22:38	ZB000012.D	36.11 *		

DNT = 3,4-Dinitrotoluene

DNT RT Limit = ± 0.2 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8330B

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0065-0001-SO | Lab Sample ID: 240-18544-3

Matrix: Solid | Lab File ID: S000025.D

Analysis Method: 8330B | Date Collected: 12/06/2012 09:57

Extraction Method: 8330B | Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.06(g) | Date Analyzed: 12/20/2012 08:27

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.017
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	96		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000025.D		
Lims ID:	240-18544-I-3-A	Client ID:	072SB-0065-0001-SO
Inject. Date:	20-Dec-2012 08:27:48	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-025		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	30
Lims Batch ID:	7620	Lims Sample ID:	25
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	20-Dec-2012 10:13:34	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK002		
First Level Reviewer: noonanr		Date:	20-Dec-2012 10:13:34

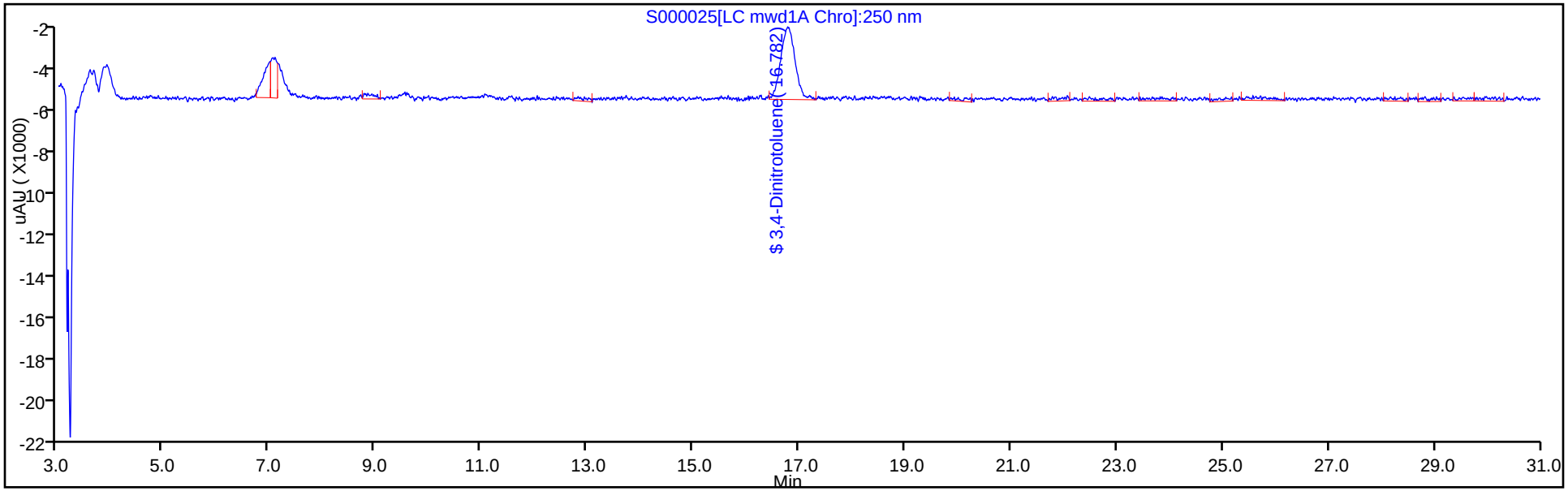
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.782	16.795	-0.013	3389	60.2	
2	16.782	16.798	-0.016	6575	63.6	

Report Date: 20-Dec-2012 10:13:34 Chrom Revision: 2.1 14-Dec-2012 09:16:34

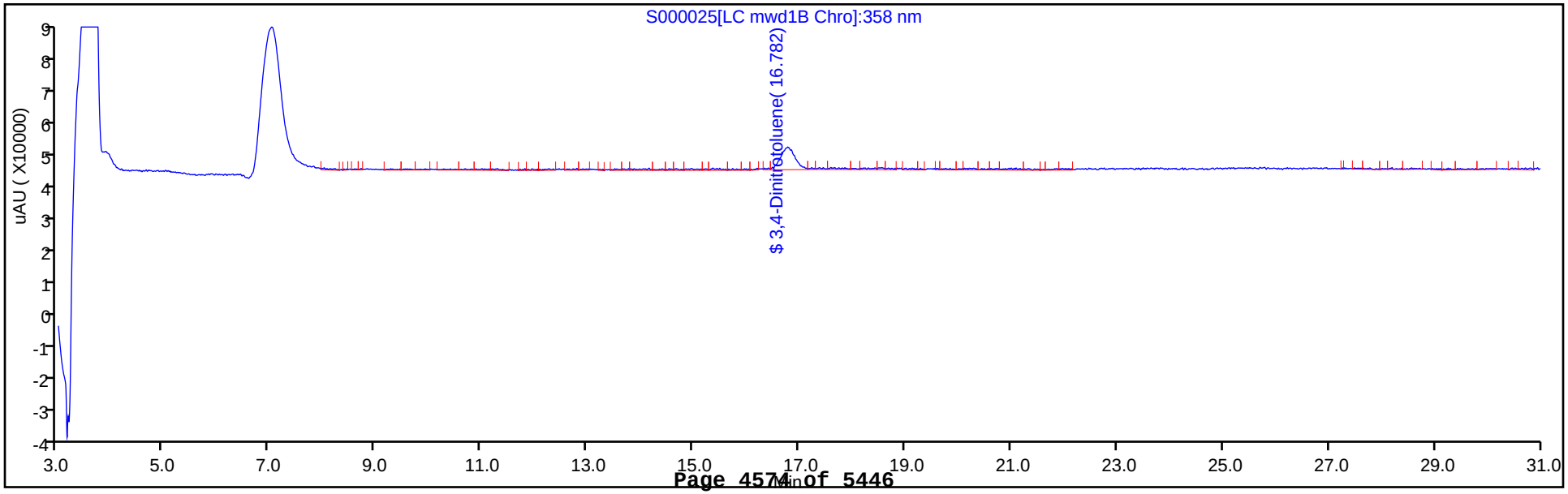
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000025.D		
Injection Date:	20-Dec-2012 08:27:48	Limit Group:	LC 8330B ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	25
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO | Lab Sample ID: 240-18544-16

Matrix: Solid | Lab File ID: S000027.D

Analysis Method: 8330B | Date Collected: 12/06/2012 14:33

Extraction Method: 8330B | Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.04(g) | Date Analyzed: 12/20/2012 09:48

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	95		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000027.D		
Lims ID:	240-18544-F-16-A	Client ID:	076SB-0098-0001-SO
Inject. Date:	20-Dec-2012 09:48:10	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-027		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	31
Lims Batch ID:	7620	Lims Sample ID:	27
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	20-Dec-2012 10:58:02	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK002		
First Level Reviewer: noonanr		Date:	20-Dec-2012 10:58:02

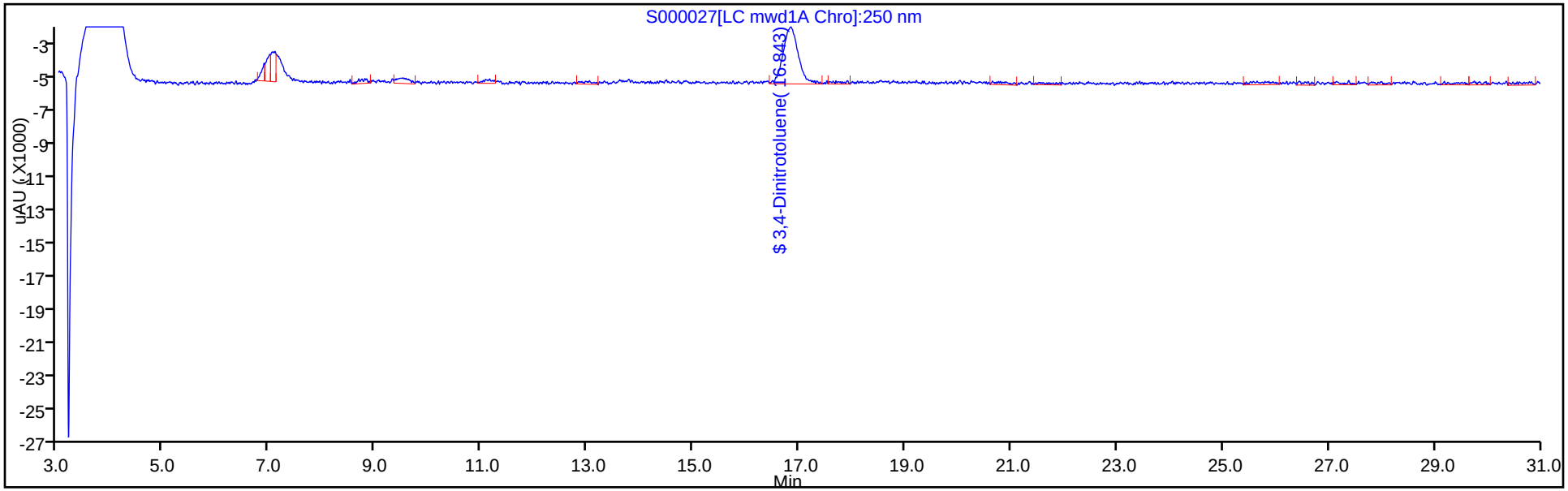
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.843	16.795	0.048	3351	59.5	
2	16.856	16.798	0.058	6275	60.7	

Report Date: 20-Dec-2012 10:58:02 Chrom Revision: 2.1 14-Dec-2012 09:16:34

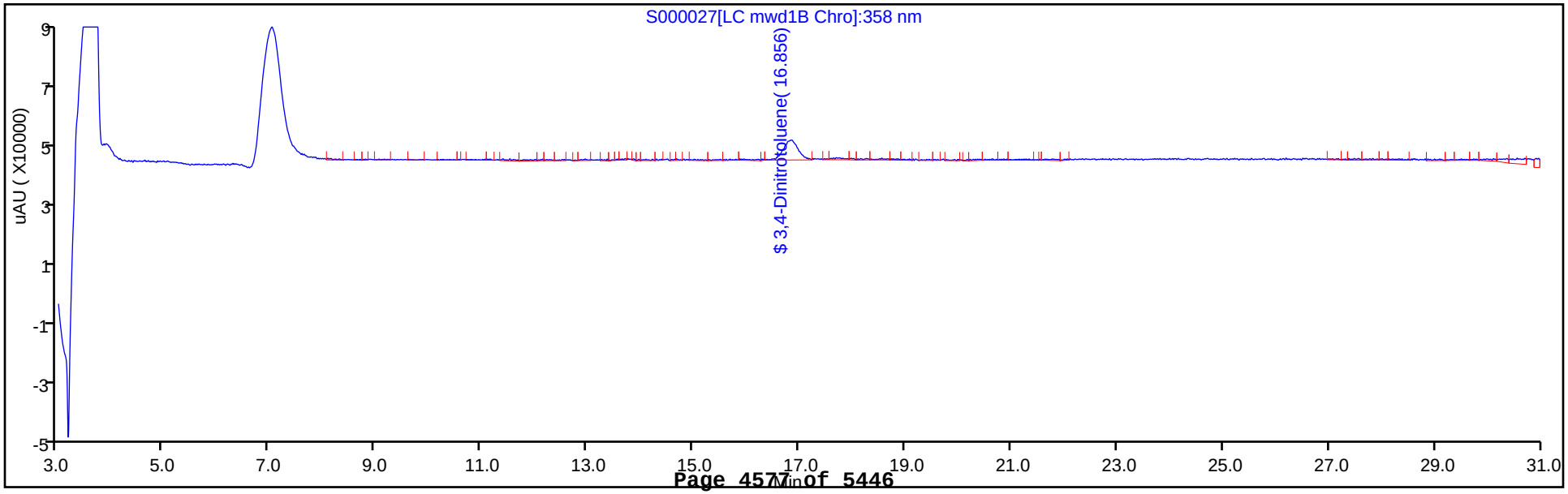
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000027.D		
Injection Date:	20-Dec-2012 09:48:10	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0098-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	27
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO | Lab Sample ID: 240-18544-19

Matrix: Solid | Lab File ID: S000028.D

Analysis Method: 8330B | Date Collected: 12/06/2012 15:27

Extraction Method: 8330B | Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.05(g) | Date Analyzed: 12/20/2012 10:28

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	95	M	78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000028.D		
Lims ID:	240-18544-Y-19-A	Client ID:	076SB-0100M-0001-SO
Inject. Date:	20-Dec-2012 10:28:19	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-028		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	32
Lims Batch ID:	7620	Lims Sample ID:	28
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	20-Dec-2012 12:51:24	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK002		

First Level Reviewer: noonanr Date: 20-Dec-2012 12:51:37

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
20 Tetryl						
1	13.642	13.702	-0.060	217	2.51	
$ 30 3,4-Dinitrotoluene						M
1	16.822	16.795	0.027	3354	59.6	M
2	16.822	16.798	0.024	6702	64.9	

QC Flag Legend

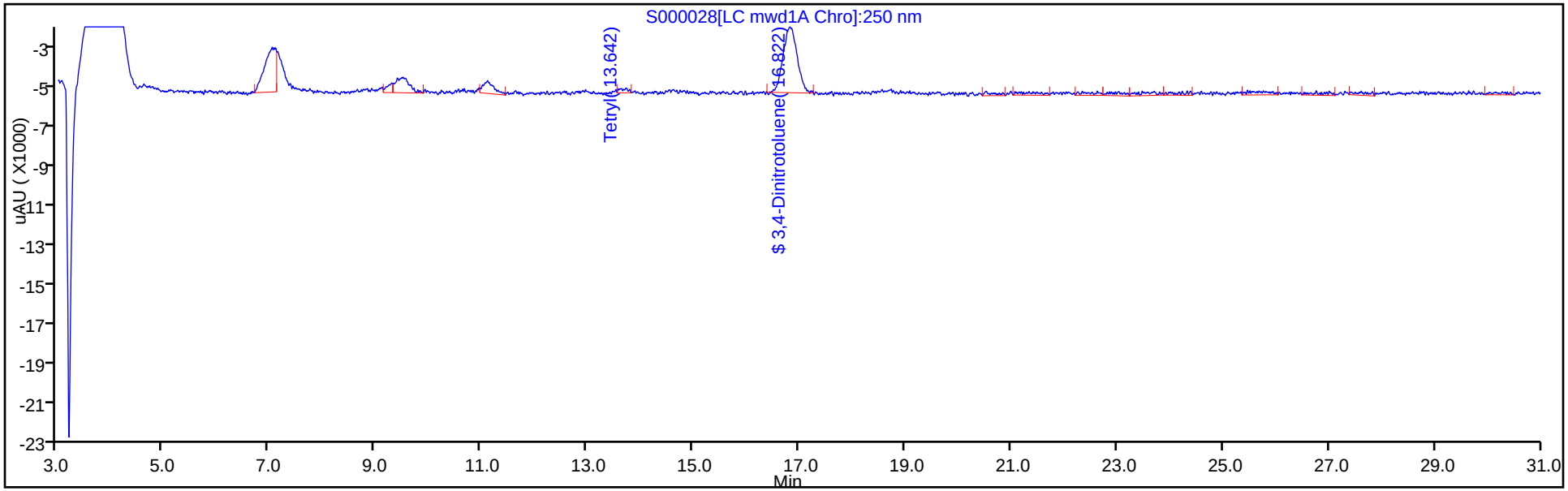
Review Flags
M - Manually Integrated

Report Date: 20-Dec-2012 12:51:37 Chrom Revision: 2.1 14-Dec-2012 09:16:34

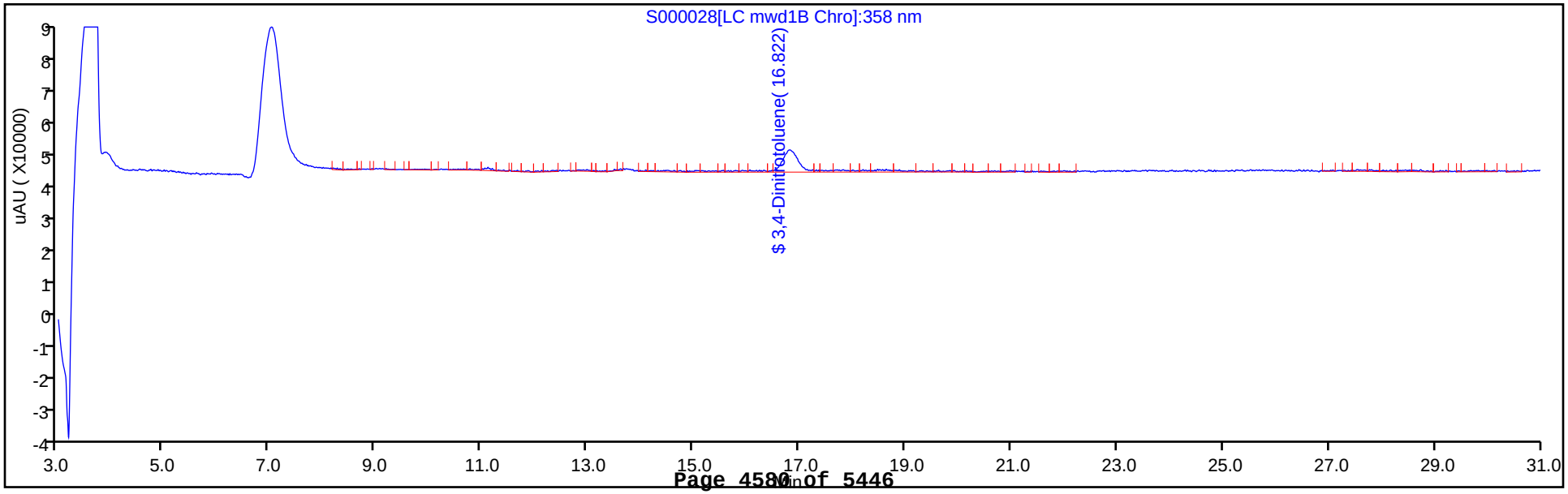
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000028.D		
Injection Date:	20-Dec-2012 10:28:19	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	28
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

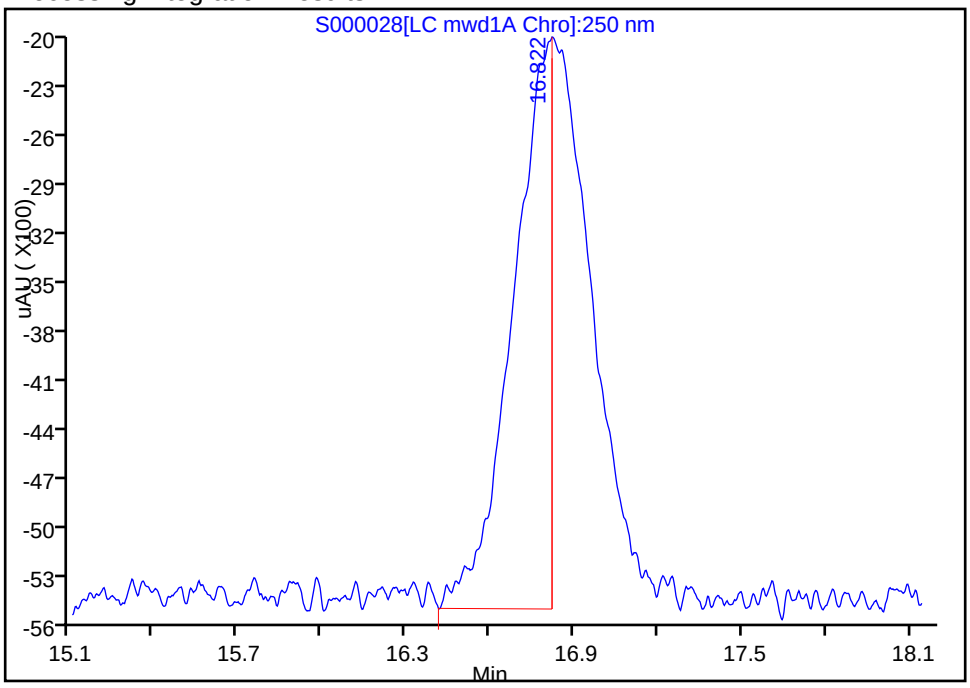
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000028.D		
Injection Date:	20-Dec-2012 10:28:19	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	28
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

$ 30 3,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 16.80, Det: LC mwd1A

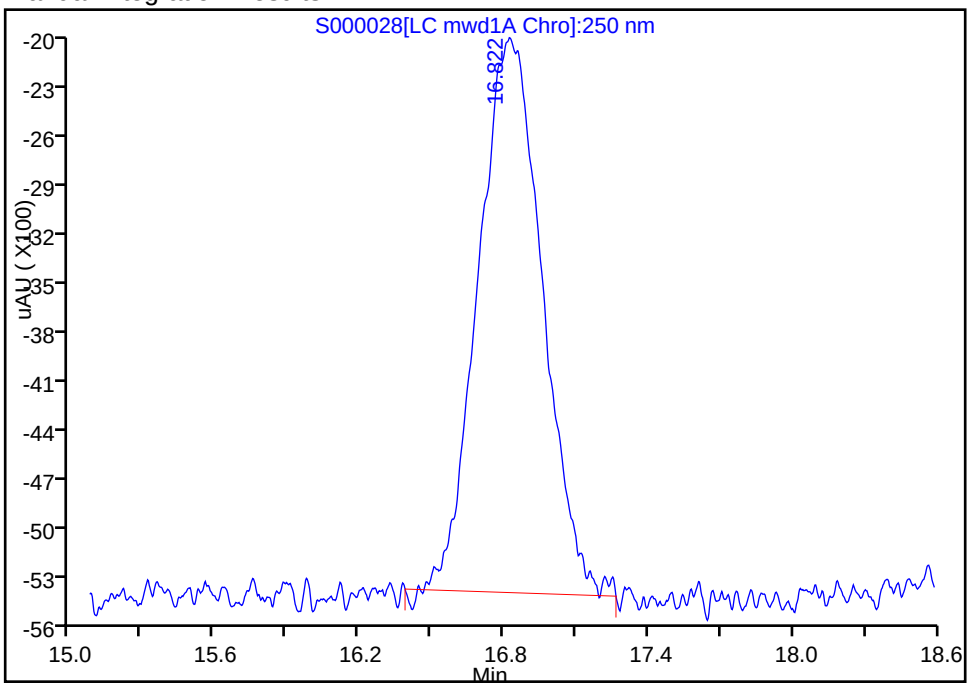
Processing Integration Results

RT: 16.82
Response: 3458
Amount: 61.402237



Manual Integration Results

RT: 16.82
Response: 3354
Amount: 59.555553



Reviewer: noonanr, 20-Dec-2012 12:51:24
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO Lab Sample ID: 240-18544-19

Matrix: Solid Lab File ID: ZB000006.D

Analysis Method: 8330B Date Collected: 12/06/2012 15:27

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.05(g) Date Analyzed: 12/28/2012 16:06

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7989 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	89		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000006.D		
Lims ID:	240-18544-Y-19-A	Client ID:	076SB-0100M-0001-SO
Inject. Date:	28-Dec-2012 16:06:15	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001999-006		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	12
Lims Batch ID:	7989	Lims Sample ID:	6
Method:	\\SACChrom\ChromData\LC12\20121228-1999.b\LC12_Conf_8330.m		
Last Update:	02-Jan-2013 10:57:36	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK004		

First Level Reviewer: noonanr Date: 02-Jan-2013 10:57:36

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
27 1,3,5-Trinitrobenzene						M
1	25.400	25.310	0.090	55	0.6983	M
16 o-Nitrotoluene						
1	27.200	27.143	0.057	113	1.86	
15 p-Nitrotoluene						
1	27.200	27.143	0.057	113	1.86	
$ 30 3,4-Dinitrotoluene						
1	36.060	35.870	0.190	2694	55.8	
7 Nitroglycerin						
2	43.013	42.860	0.153	190	2.20	

QC Flag Legend

Review Flags
M - Manually Integrated

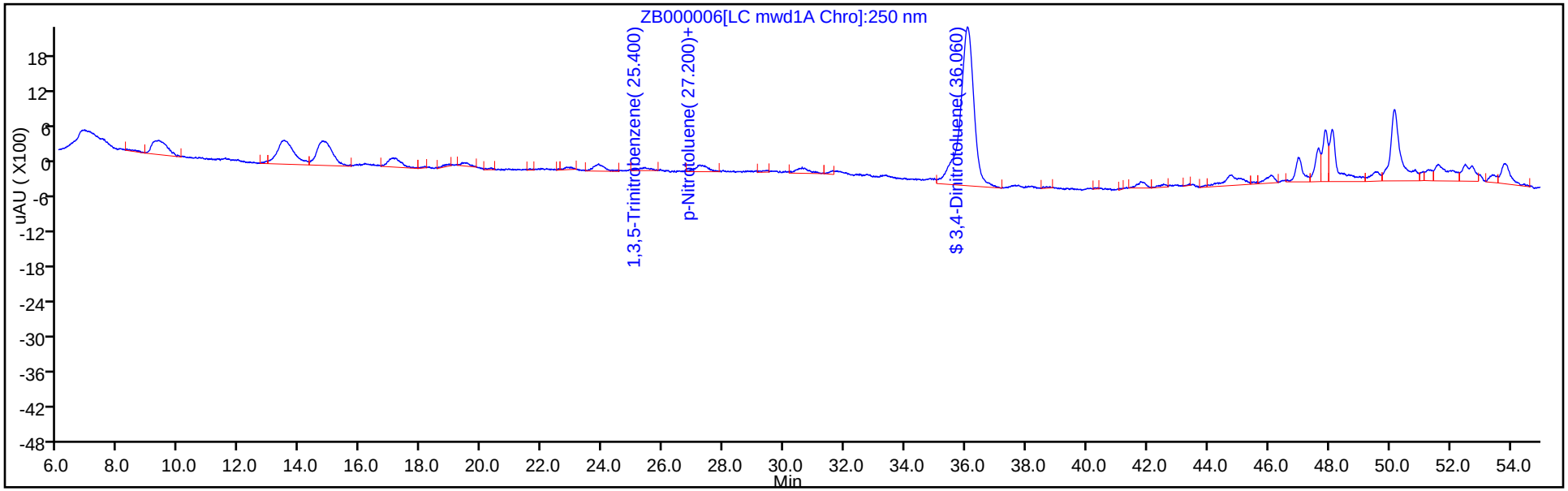
Report Date: 02-Jan-2013 10:57:36 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica Sacramento

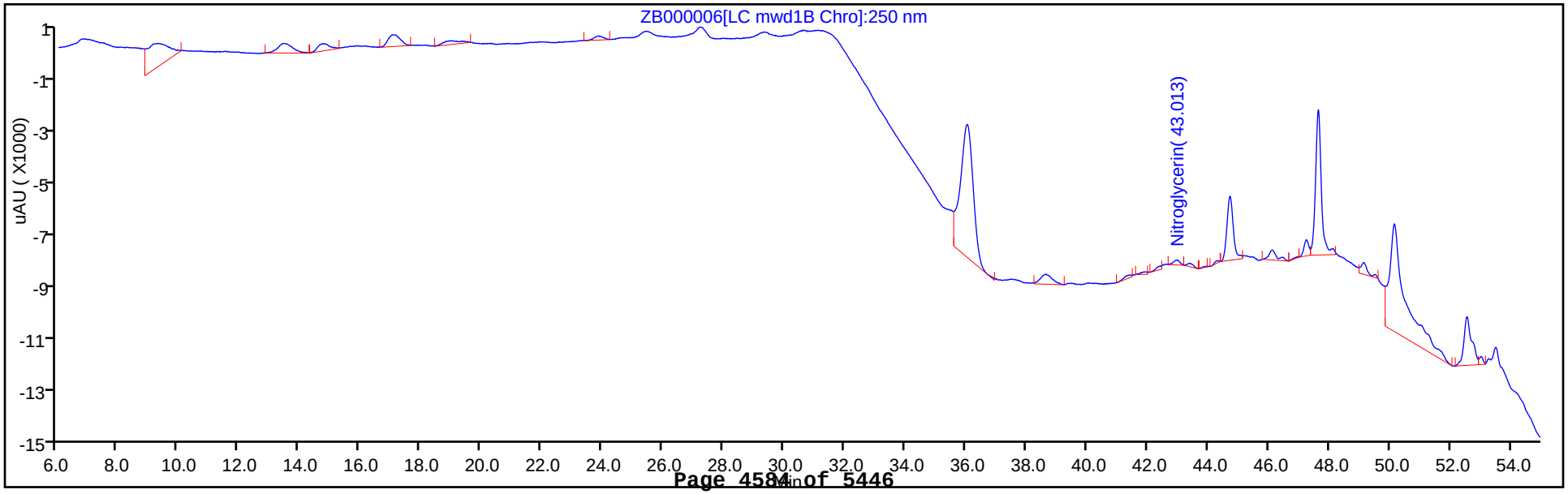
Data File: \\SACChrom\ChromData\LC12\20121228-1999.b\ZB000006.D

Injection Date:	28-Dec-2012 16:06:15	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

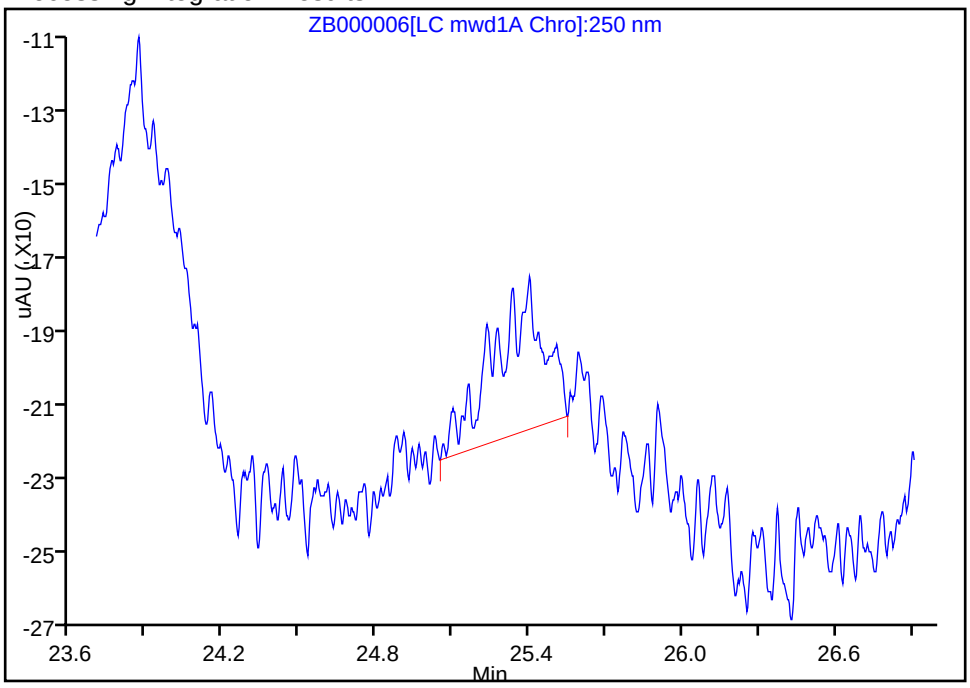
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000006.D		
Injection Date:	28-Dec-2012 16:06:15	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

27 1,3,5-Trinitrobenzene, Signal: 1, Type: quant, RT: 25.31, Det: LC mwd1A

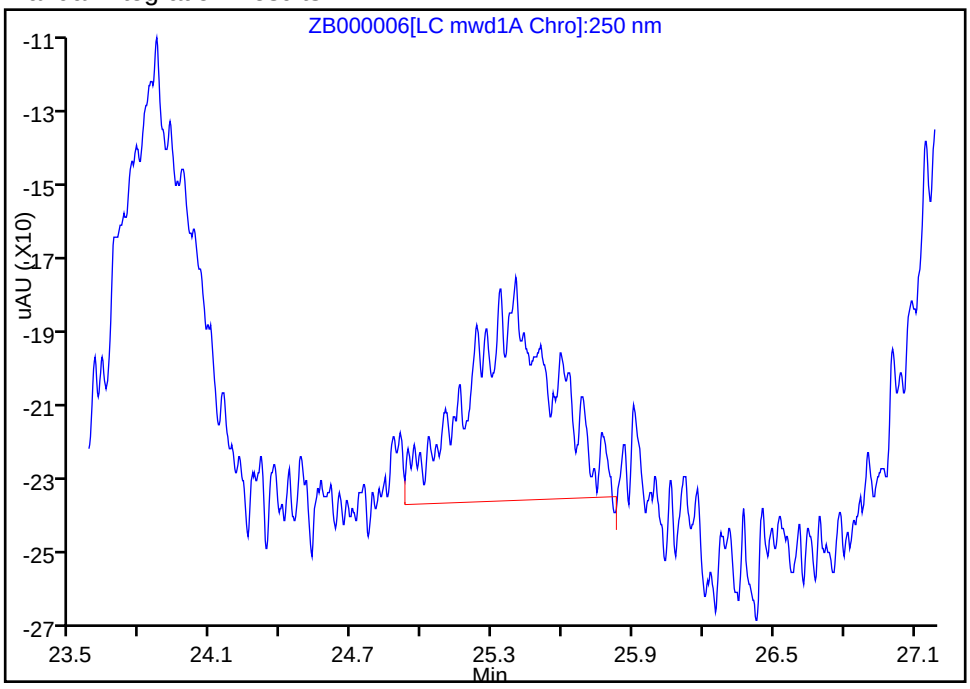
Processing Integration Results

RT: 25.33
Response: 32
Amount: 0.406302



Manual Integration Results

RT: 25.40
Response: 55
Amount: 0.698332



Reviewer: noonanr, 31-Dec-2012 15:40:37
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0101M-0001-SO Lab Sample ID: 240-18544-20

Matrix: Solid Lab File ID: S000032.D

Analysis Method: 8330B Date Collected: 12/06/2012 15:27

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.06(g) Date Analyzed: 12/20/2012 13:09

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.017
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	99		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000032.D		
Lims ID:	240-18544-F-20-A	Client ID:	076SB-0101M-0001-SO
Inject. Date:	20-Dec-2012 13:09:27	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-031		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	35
Lims Batch ID:	7620	Lims Sample ID:	31
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 13:51:22	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 21-Dec-2012 13:51:31

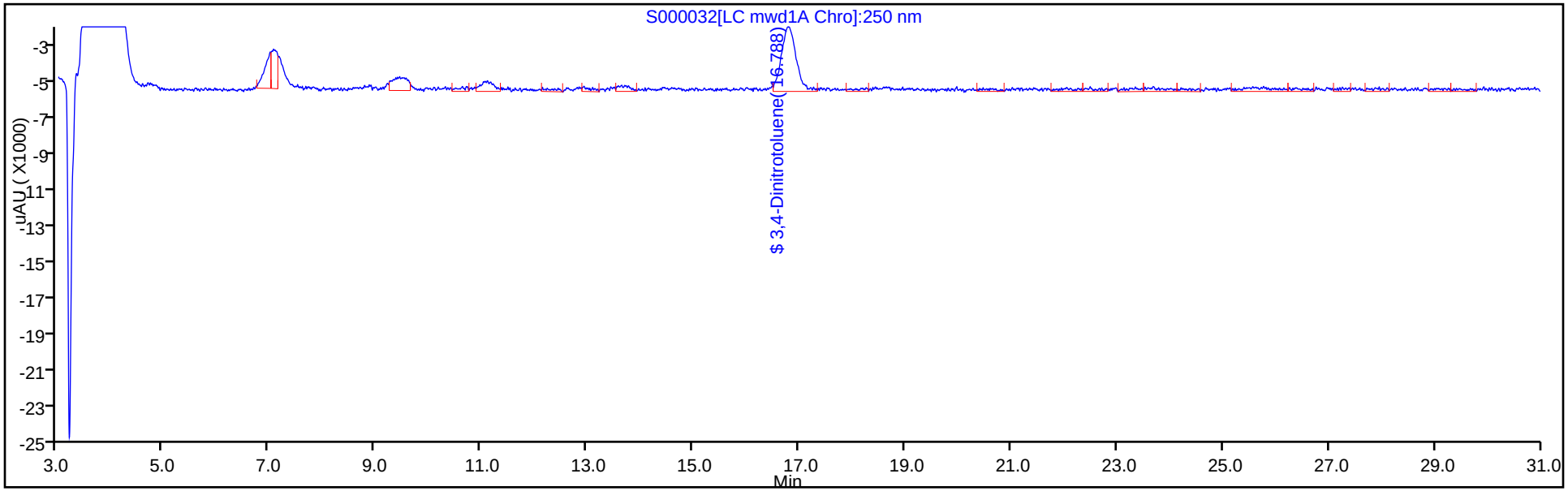
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.788	16.747	0.041	3472	61.7	
2	16.798	16.780	0.018	6389	61.8	

Report Date: 21-Dec-2012 13:51:31 Chrom Revision: 2.1 20-Dec-2012 15:49:16

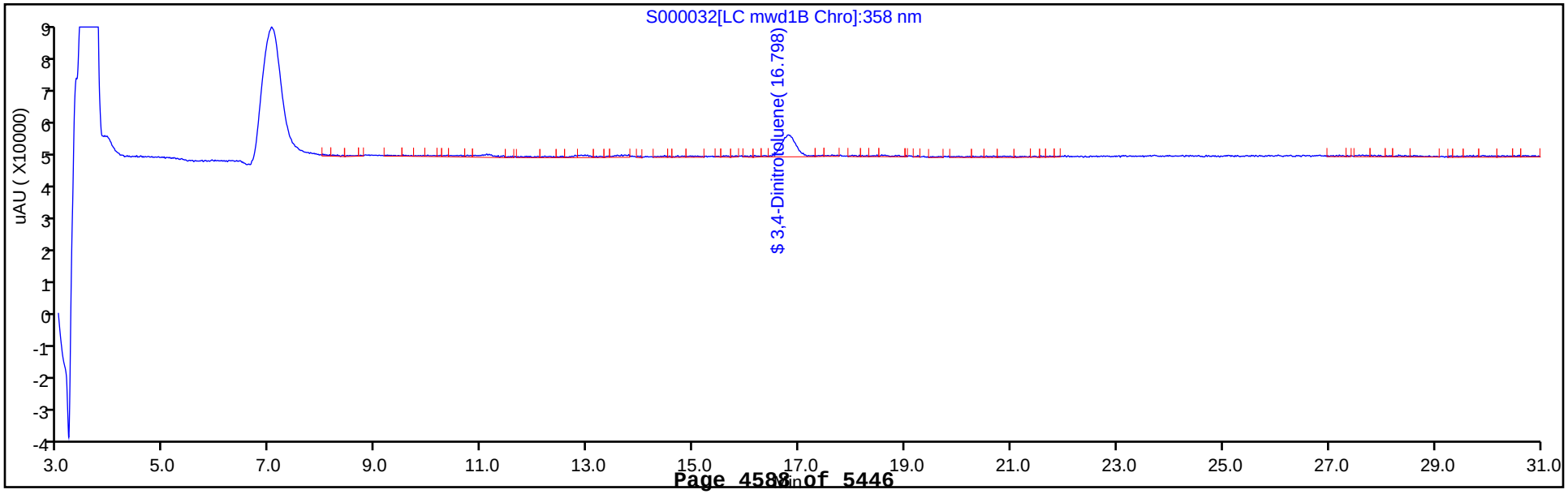
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000032.D		
Injection Date:	20-Dec-2012 13:09:27	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0101M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	31
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0102M-0001-SO Lab Sample ID: 240-18544-21

Matrix: Solid Lab File ID: S000033.D

Analysis Method: 8330B Date Collected: 12/06/2012 15:45

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.00(g) Date Analyzed: 12/20/2012 13:49

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	95		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000033.D		
Lims ID:	240-18544-F-21-A	Client ID:	076SB-0102M-0001-SO
Inject. Date:	20-Dec-2012 13:49:35	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-032		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	36
Lims Batch ID:	7620	Lims Sample ID:	32
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 13:55:05	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 21-Dec-2012 13:55:34

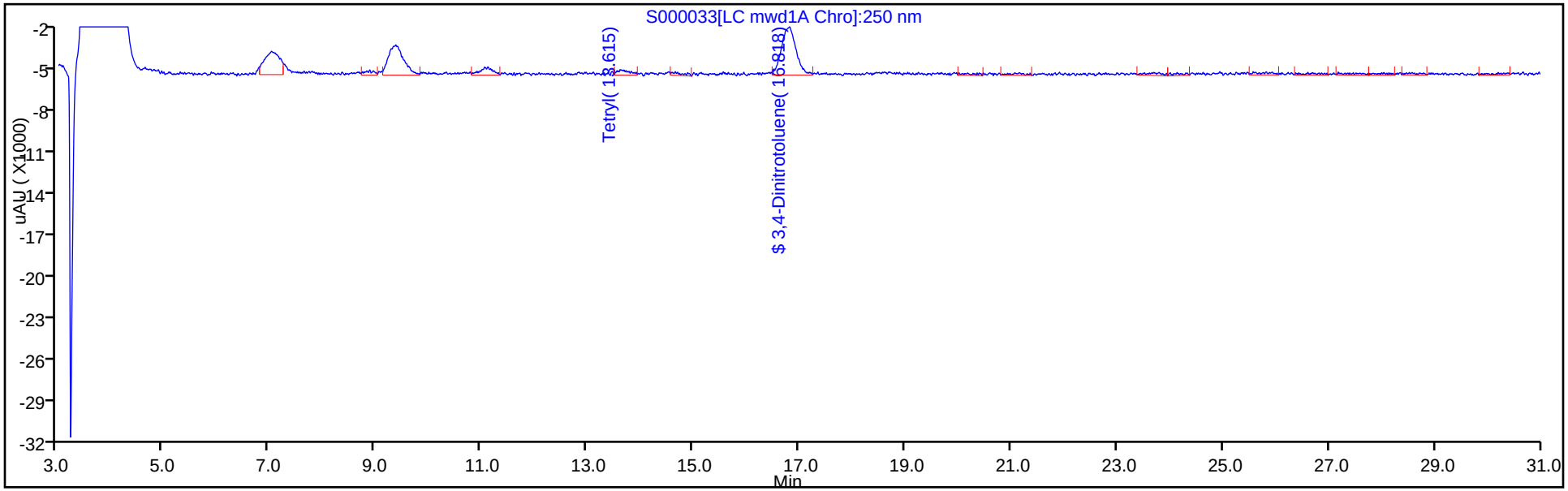
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
20 Tetryl						
1	13.615	13.650	-0.035	375	4.33	
$ 30 3,4-Dinitrotoluene						
1	16.818	16.747	0.071	3355	59.6	
2	16.808	16.780	0.028	6399	61.9	

Report Date: 21-Dec-2012 13:55:35 Chrom Revision: 2.1 20-Dec-2012 15:49:16

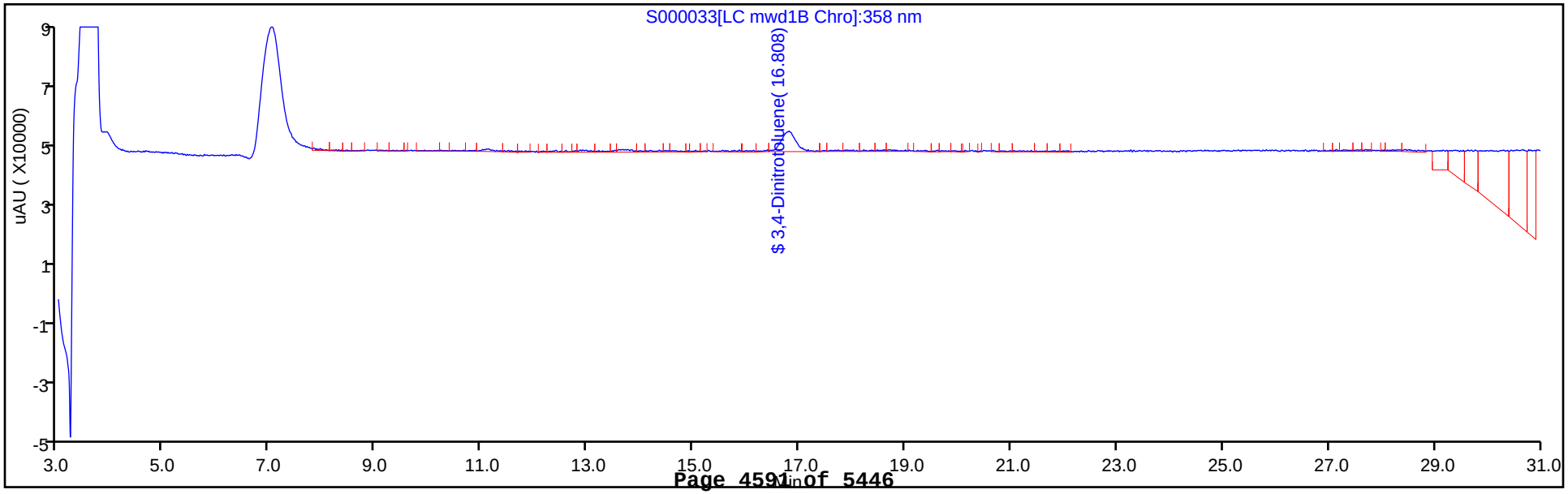
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000033.D		
Injection Date:	20-Dec-2012 13:49:35	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0102M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	32
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0102M-0001-SO Lab Sample ID: 240-18544-21

Matrix: Solid Lab File ID: ZB000007.D

Analysis Method: 8330B Date Collected: 12/06/2012 15:45

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.00(g) Date Analyzed: 12/28/2012 17:11

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7989 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
479-45-8	Tetryl	0.050	U J	0.25	0.050	0.010

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	90		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000007.D		
Lims ID:	240-18544-F-21-A	Client ID:	076SB-0102M-0001-SO
Inject. Date:	28-Dec-2012 17:11:36	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001999-007		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	13
Lims Batch ID:	7989	Lims Sample ID:	7
Method:	\\SACChrom\ChromData\LC12\20121228-1999.b\LC12_Conf_8330.m		
Last Update:	02-Jan-2013 10:58:51	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK004		

First Level Reviewer: noonanr Date: 02-Jan-2013 10:58:51

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
27 1,3,5-Trinitrobenzene						M
1	25.430	25.310	0.120	66	0.8380	M
16 o-Nitrotoluene						
1	27.167	27.143	0.024	72	1.18	
15 p-Nitrotoluene						
1	27.167	27.143	0.024	72	1.18	
$ 30 3,4-Dinitrotoluene						
1	35.934	35.870	0.064	2713	56.2	
7 Nitroglycerin						
2	42.917	42.860	0.057	254	2.94	
20 Tetryl						
1	44.994	44.863	0.131	69	0.5894	

QC Flag Legend

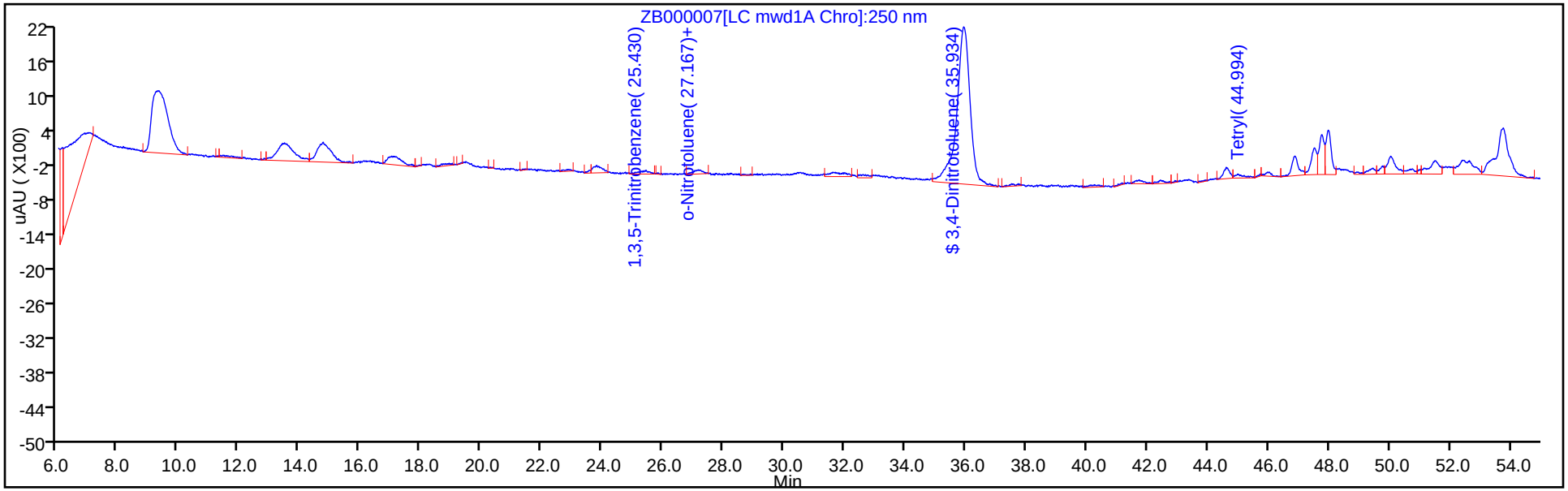
Review Flags
M - Manually Integrated

Report Date: 02-Jan-2013 10:58:52 Chrom Revision: 2.1 24-Dec-2012 15:14:58

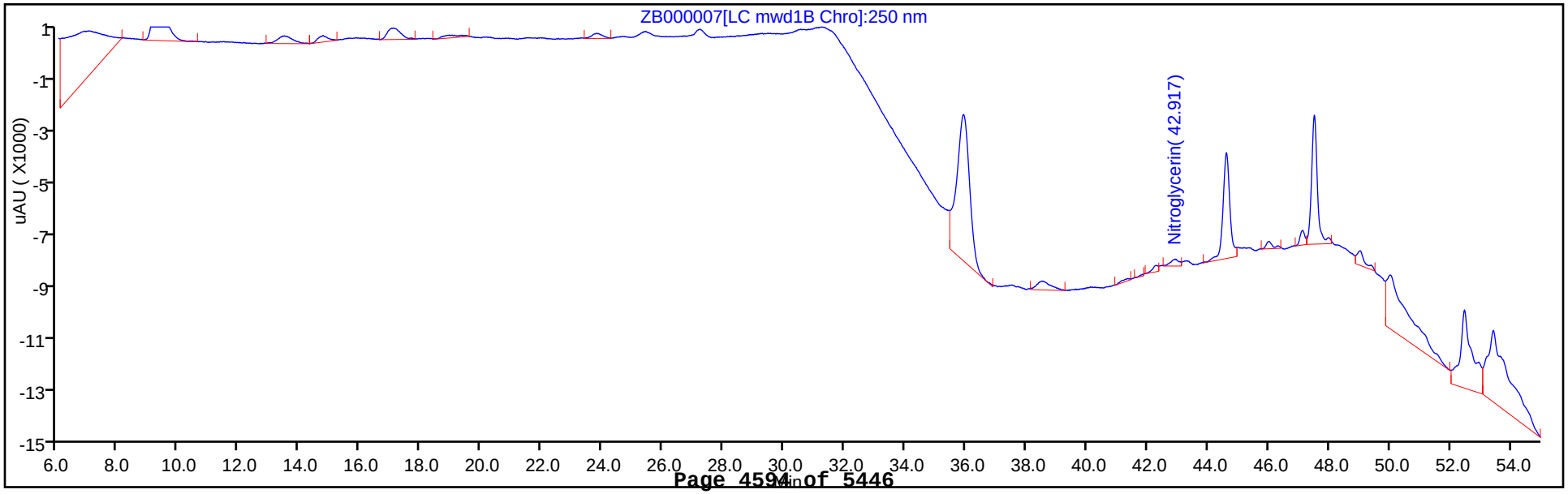
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000007.D		
Injection Date:	28-Dec-2012 17:11:36	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0102M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

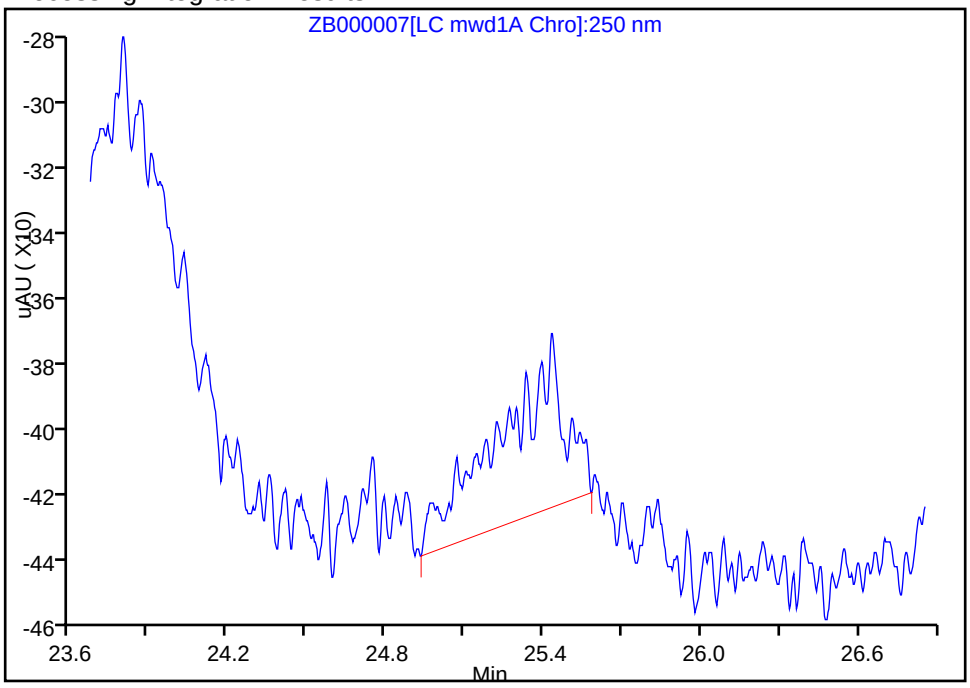
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000007.D		
Injection Date:	28-Dec-2012 17:11:36	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0102M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

27 1,3,5-Trinitrobenzene, Signal: 1, Type: quant, RT: 25.31, Det: LC mwd1A

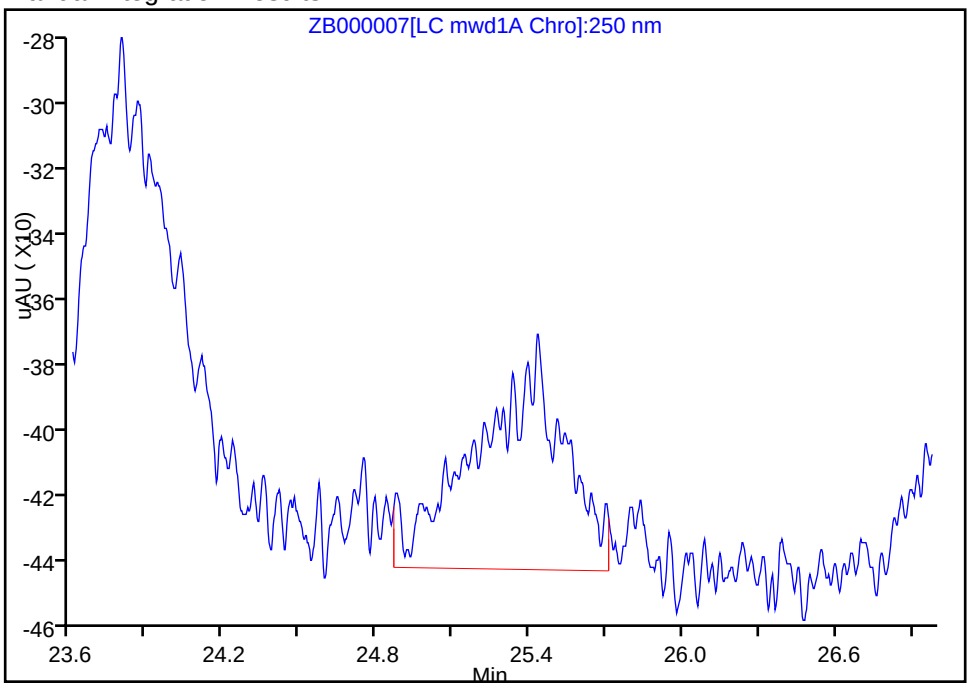
Processing Integration Results

RT: 25.30
Response: 31
Amount: 0.393605



Manual Integration Results

RT: 25.43
Response: 66
Amount: 0.837998



Reviewer: noonanr, 02-Jan-2013 10:58:51
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0103M-0001-SO | Lab Sample ID: 240-18544-22

Matrix: Solid | Lab File ID: S000034.D

Analysis Method: 8330B | Date Collected: 12/06/2012 15:45

Extraction Method: 8330B | Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.09(g) | Date Analyzed: 12/20/2012 14:29

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0072
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.017
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	95		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000034.D		
Lims ID:	240-18544-F-22-A	Client ID:	076SB-0103M-0001-SO
Inject. Date:	20-Dec-2012 14:29:50	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-033		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	37
Lims Batch ID:	7620	Lims Sample ID:	33
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 13:53:11	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 21-Dec-2012 13:53:11

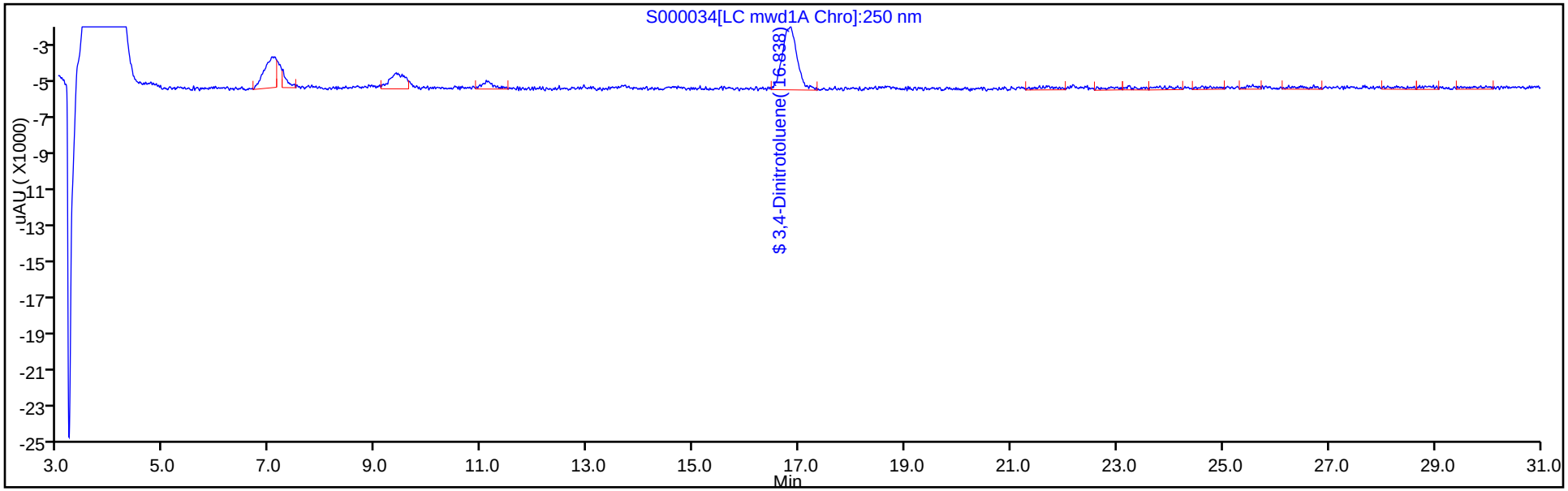
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.838	16.747	0.091	3345	59.4	
2	16.815	16.780	0.035	6390	61.8	

Report Date: 21-Dec-2012 13:53:11 Chrom Revision: 2.1 20-Dec-2012 15:49:16

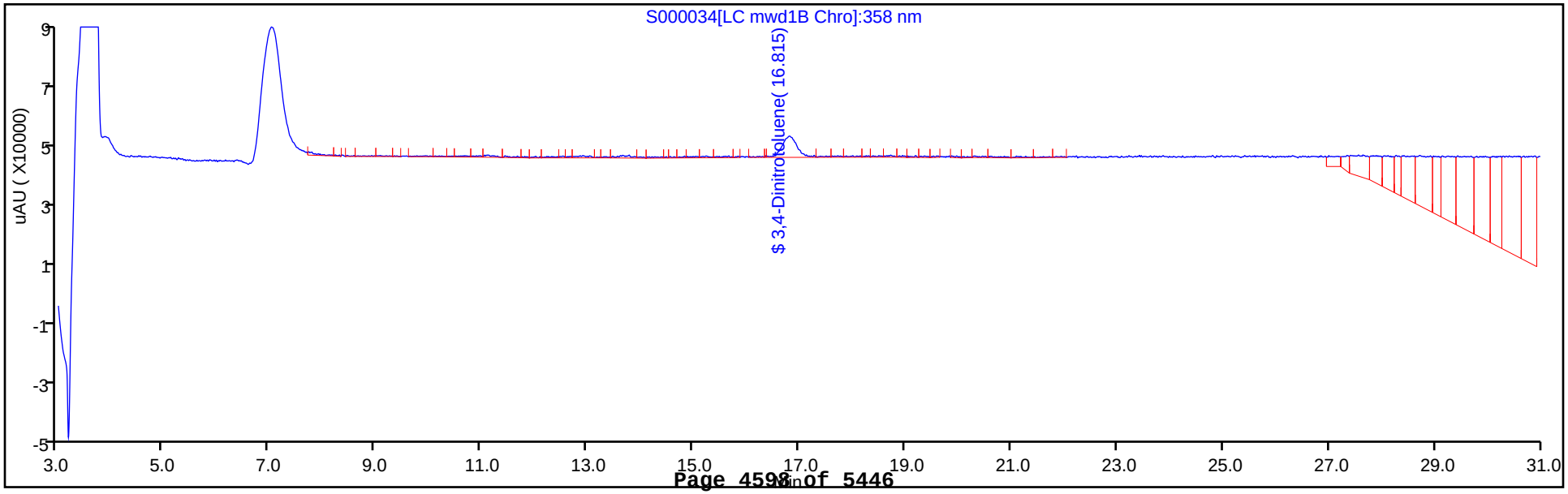
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000034.D		
Injection Date:	20-Dec-2012 14:29:50	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	33
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0104M-0001-SO | Lab Sample ID: 240-18544-23

Matrix: Solid | Lab File ID: S000035.D

Analysis Method: 8330B | Date Collected: 12/06/2012 16:35

Extraction Method: 8330B | Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.04(g) | Date Analyzed: 12/20/2012 15:09

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	96		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000035.D		
Lims ID:	240-18544-F-23-A	Client ID:	076SB-0104M-0001-SO
Inject. Date:	20-Dec-2012 15:09:58	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-034		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	38
Lims Batch ID:	7620	Lims Sample ID:	34
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 13:55:05	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 21-Dec-2012 13:56:01

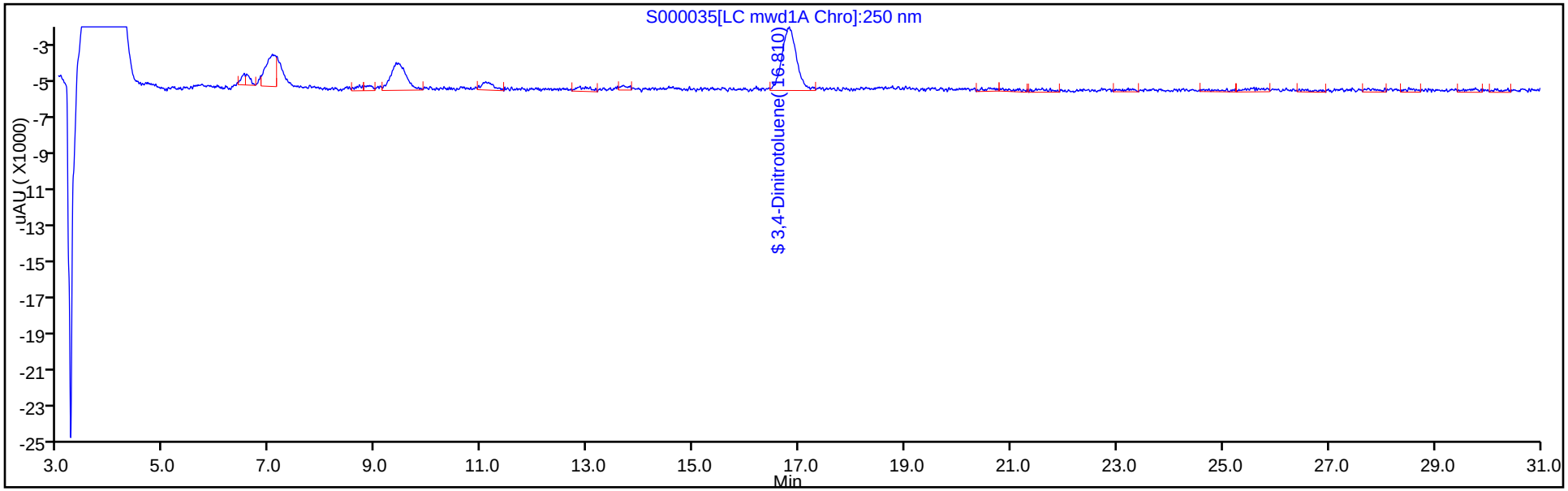
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.810	16.747	0.063	3365	59.8	
2	16.780	16.780	0.0	6426	62.2	

Report Date: 21-Dec-2012 13:56:01 Chrom Revision: 2.1 20-Dec-2012 15:49:16

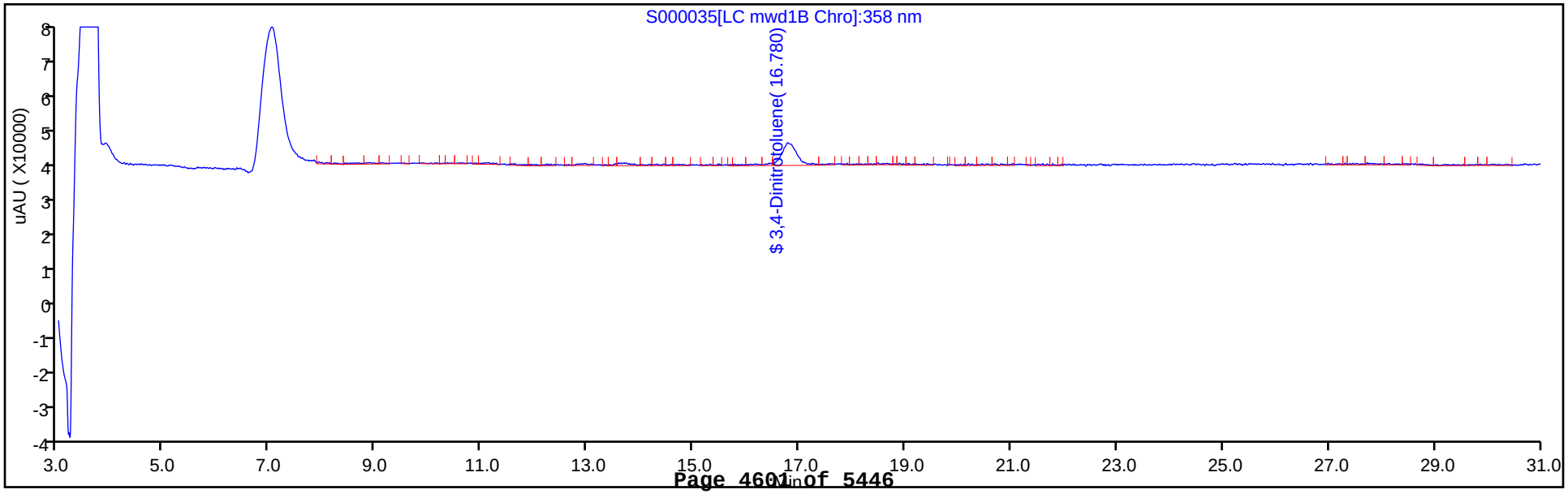
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000035.D		
Injection Date:	20-Dec-2012 15:09:58	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0104M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	34
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0105M-0001-SO Lab Sample ID: 240-18544-24

Matrix: Solid Lab File ID: S000036.D

Analysis Method: 8330B Date Collected: 12/06/2012 16:35

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.08(g) Date Analyzed: 12/20/2012 15:50

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0072
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.017
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	99		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000036.D		
Lims ID:	240-18544-F-24-A	Client ID:	076SB-0105M-0001-SO
Inject. Date:	20-Dec-2012 15:50:11	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-035		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	39
Lims Batch ID:	7620	Lims Sample ID:	35
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 14:12:39	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 21-Dec-2012 13:56:57

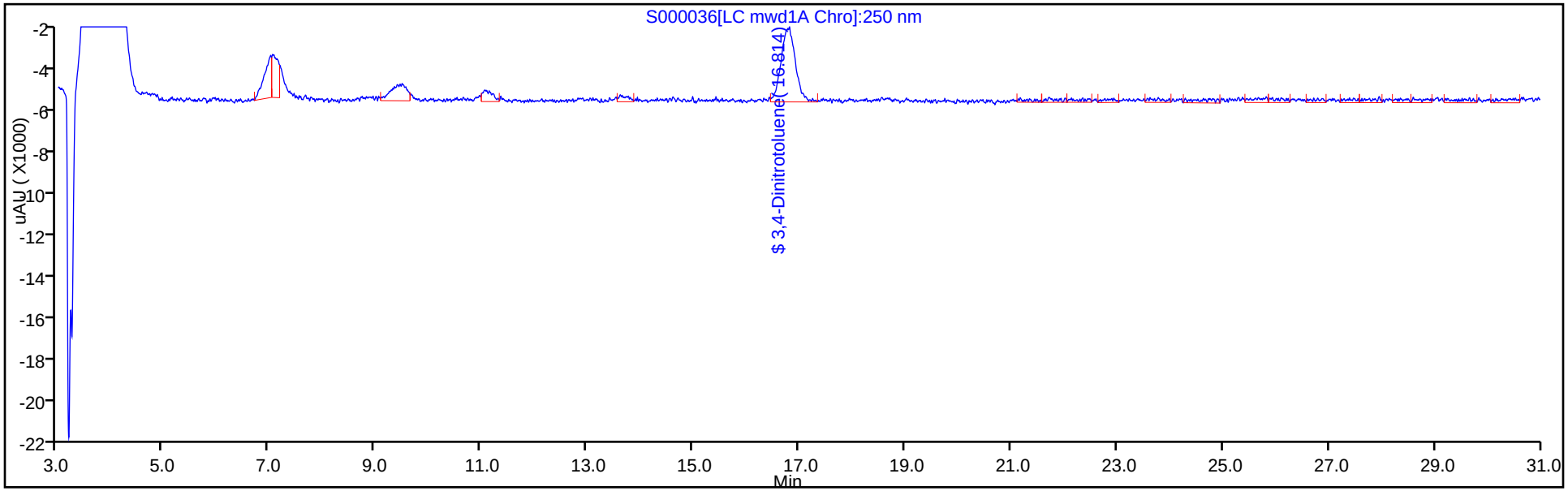
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.814	16.756	0.058	3497	62.1	
2	16.754	16.746	0.008	6549	63.4	

Report Date: 21-Dec-2012 14:12:39 Chrom Revision: 2.1 20-Dec-2012 15:49:16

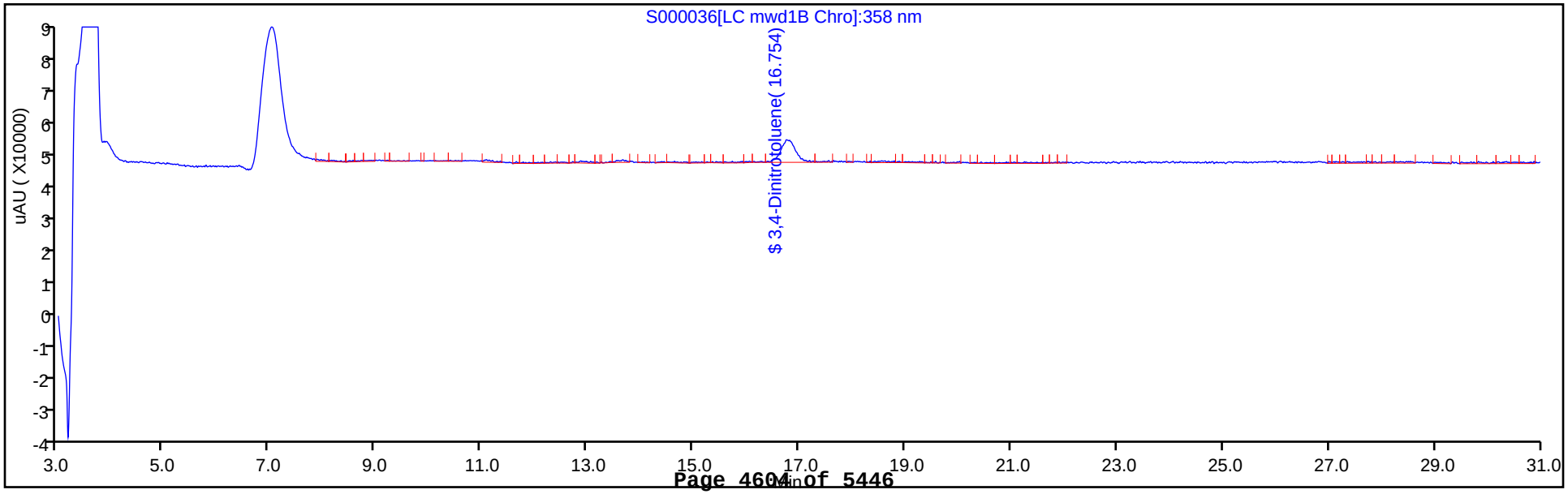
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000036.D		
Injection Date:	20-Dec-2012 15:50:11	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0105M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	35
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0106M-0001-SO Lab Sample ID: 240-18544-25

Matrix: Solid Lab File ID: S000038.D

Analysis Method: 8330B Date Collected: 12/06/2012 16:25

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.10(g) Date Analyzed: 12/20/2012 17:10

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0052
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0072
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.017
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	98		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000038.D		
Lims ID:	240-18544-F-25-A	Client ID:	076SB-0106M-0001-SO
Inject. Date:	20-Dec-2012 17:10:49	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-036		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	40
Lims Batch ID:	7620	Lims Sample ID:	36
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 14:11:52	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 21-Dec-2012 14:05:53

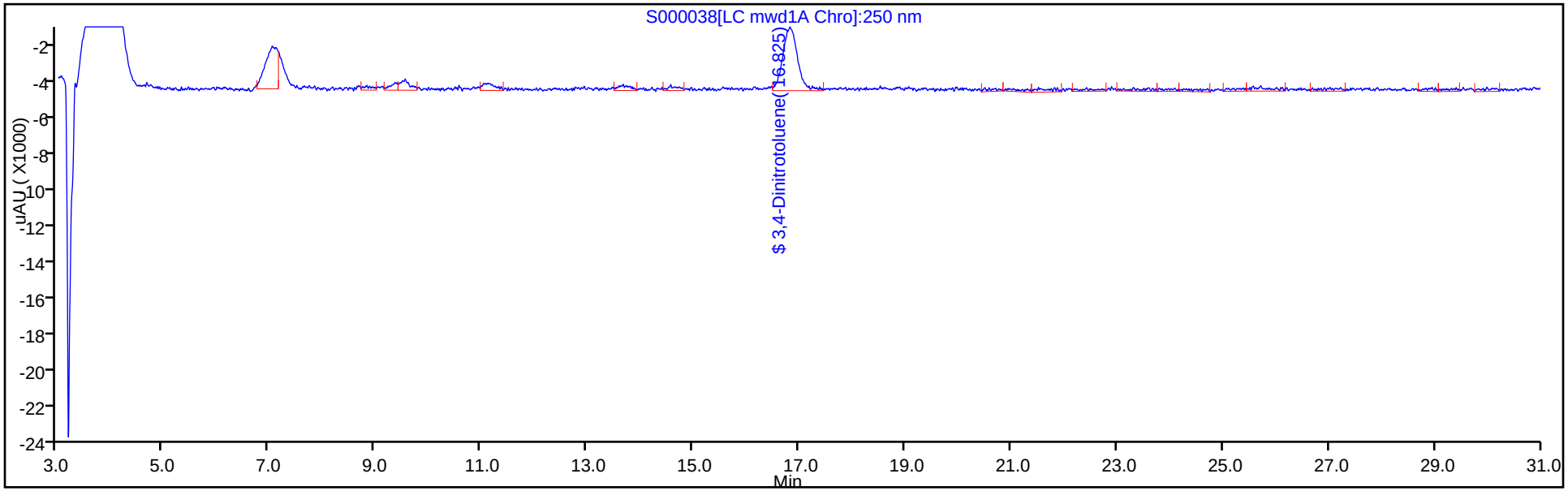
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.825	16.756	0.069	3453	61.3	
2	16.828	16.746	0.082	6596	63.8	

Report Date: 21-Dec-2012 14:11:52 Chrom Revision: 2.1 20-Dec-2012 15:49:16

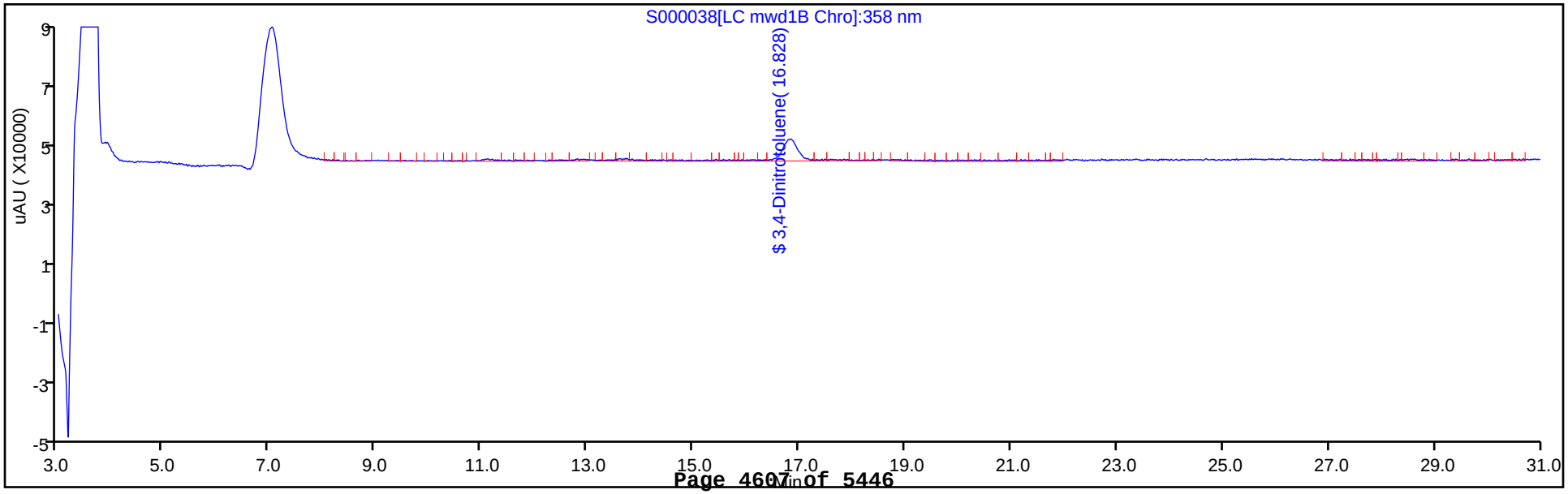
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000038.D		
Injection Date:	20-Dec-2012 17:10:49	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	36
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0107M-0001-SO | Lab Sample ID: 240-18544-26

Matrix: Solid | Lab File ID: S000039.D

Analysis Method: 8330B | Date Collected: 12/06/2012 16:25

Extraction Method: 8330B | Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.07(g) | Date Analyzed: 12/20/2012 17:51

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0072
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.017
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	96		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000039.D		
Lims ID:	240-18544-F-26-A	Client ID:	076SB-0107M-0001-SO
Inject. Date:	20-Dec-2012 17:51:03	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-038		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	41
Lims Batch ID:	7620	Lims Sample ID:	38
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 14:06:37	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		
First Level Reviewer: noonanr		Date:	21-Dec-2012 14:01:23

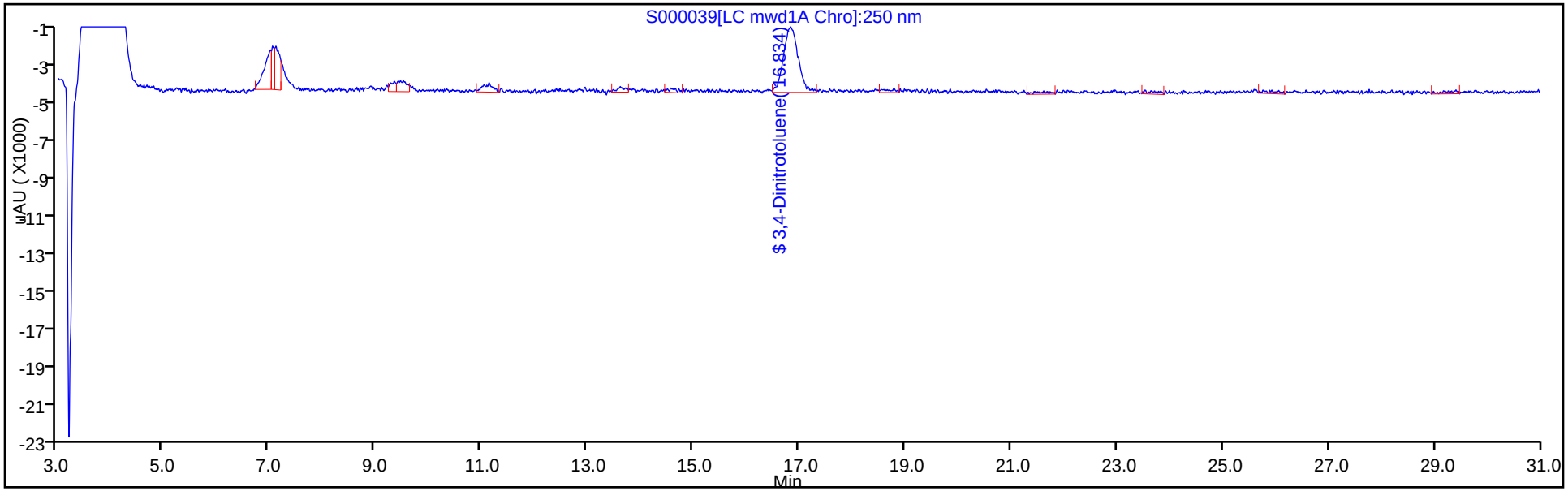
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
7 Nitroglycerin						
2	14.954	14.876	0.078	818	12.6	
$ 30 3,4-Dinitrotoluene						
1	16.834	16.756	0.078	3385	60.1	
2	16.814	16.746	0.068	6651	64.4	

Report Date: 21-Dec-2012 14:06:38 Chrom Revision: 2.1 20-Dec-2012 15:49:16

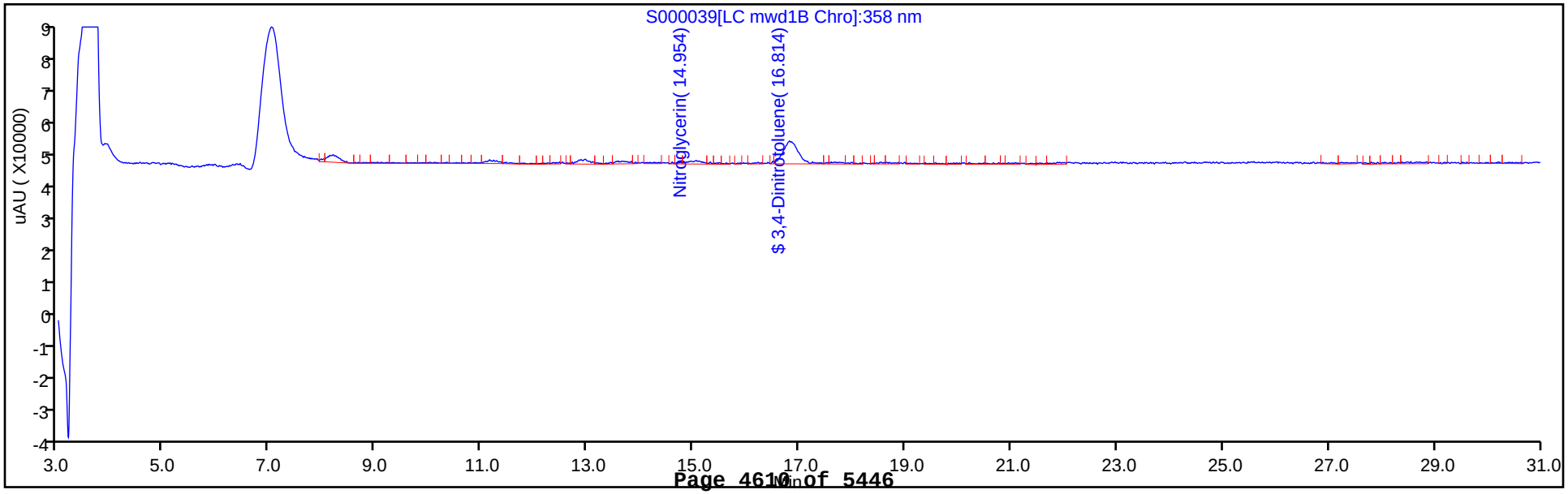
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000039.D		
Injection Date:	20-Dec-2012 17:51:03	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0107M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	38
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0107M-0001-SO Lab Sample ID: 240-18544-26

Matrix: Solid Lab File ID: ZB000008.D

Analysis Method: 8330B Date Collected: 12/06/2012 16:25

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.07(g) Date Analyzed: 12/28/2012 18:17

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7989 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	89		78-118

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000008.D		
Lims ID:	240-18544-F-26-A	Client ID:	076SB-0107M-0001-SO
Inject. Date:	28-Dec-2012 18:17:03	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001999-008		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	14
Lims Batch ID:	7989	Lims Sample ID:	8
Method:	\\SACChrom\ChromData\LC12\20121228-1999.b\LC12_Conf_8330.m		
Last Update:	02-Jan-2013 11:00:03	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK004		

First Level Reviewer: noonanr Date: 02-Jan-2013 11:00:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23 2,4-Dinitrotoluene						
1	30.523	30.563	-0.040	49	0.5322	
12 2,6-Dinitrotoluene						M
1	31.626	31.440	0.186	58	1.07	M
$ 30 3,4-Dinitrotoluene						
1	35.960	35.870	0.090	2673	55.3	
20 Tetryl						
1	44.743	44.863	-0.120	223	1.90	

QC Flag Legend

Review Flags
M - Manually Integrated

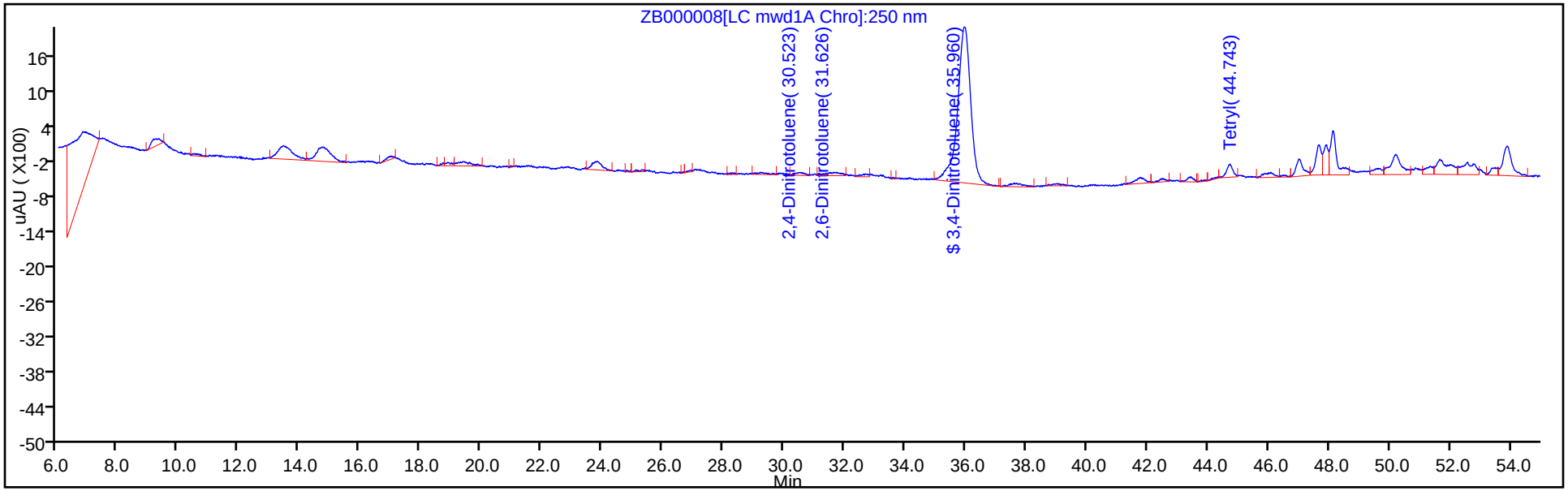
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TestAmerica Sacramento

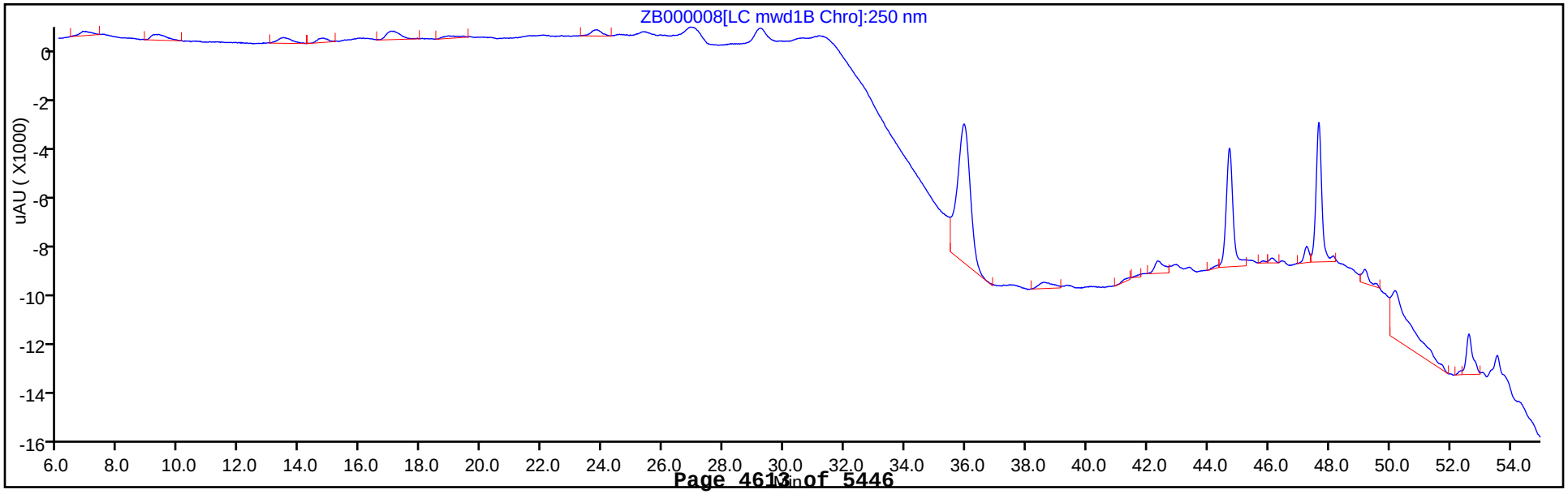
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Injection Date:	28-Dec-2012 18:17:03	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0107M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

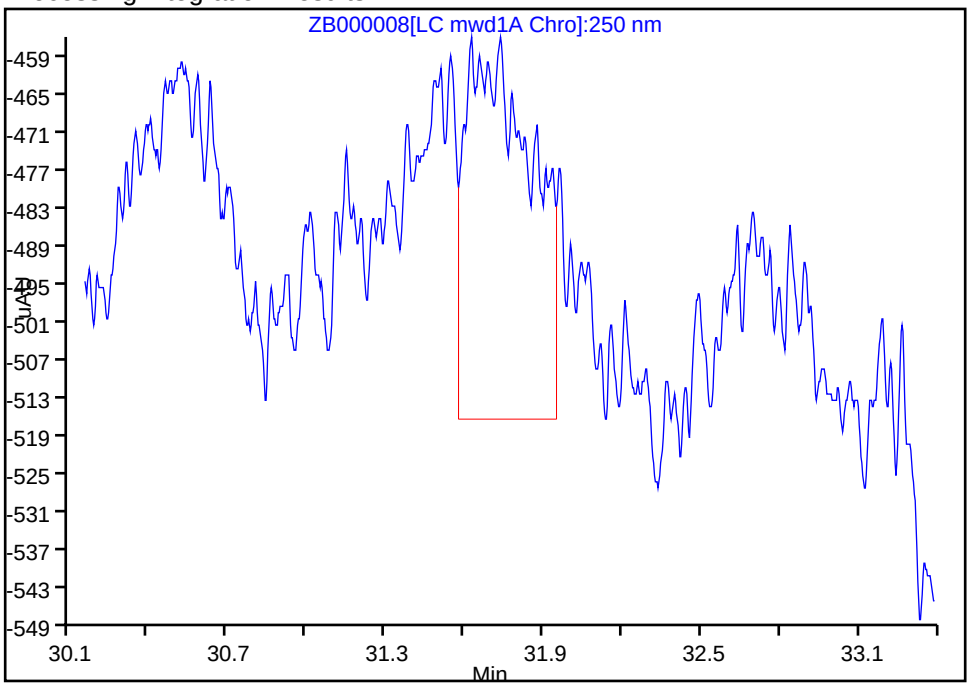
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000008.D		
Injection Date:	28-Dec-2012 18:17:03	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0107M-0001-SO	Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

12 2,6-Dinitrotoluene, Signal: 1, Type: quant, RT: 31.44, Det: LC mwd1A

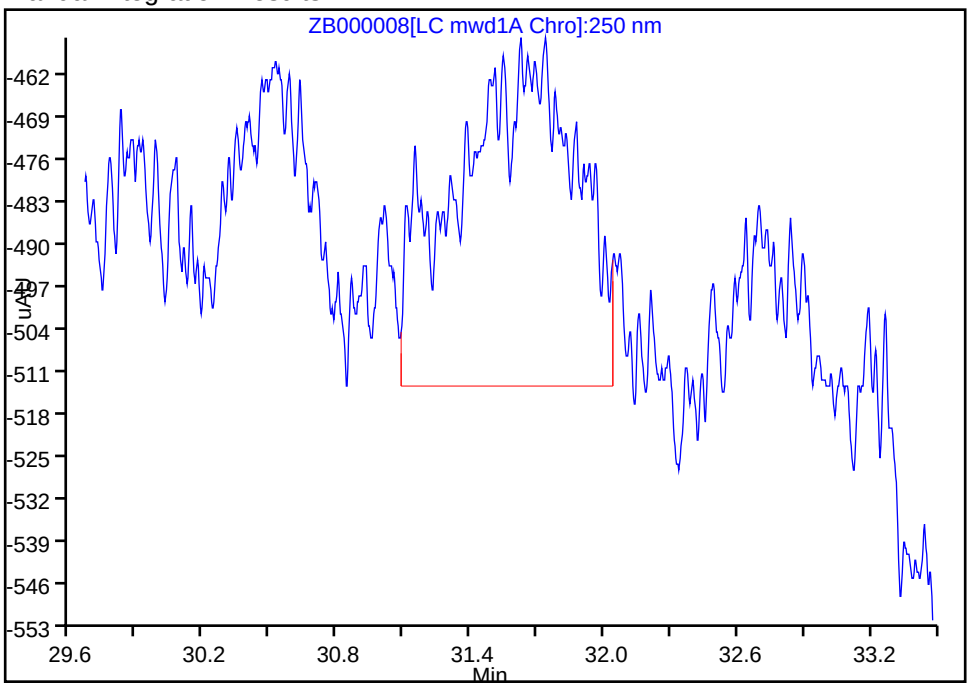
Processing Integration Results

RT: 31.63
Response: 61
Amount: 1.122190



Manual Integration Results

RT: 31.63
Response: 58
Amount: 1.067000



Reviewer: noonanr, 02-Jan-2013 11:00:03
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0108M-0001-SO | Lab Sample ID: 240-18544-27

Matrix: Solid | Lab File ID: S000040.D

Analysis Method: 8330B | Date Collected: 12/06/2012 15:50

Extraction Method: 8330B | Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.04(g) | Date Analyzed: 12/20/2012 18:31

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	97		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000040.D		
Lims ID:	240-18544-F-27-A	Client ID:	076SB-0108M-0001-SO
Inject. Date:	20-Dec-2012 18:31:26	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-039		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	42
Lims Batch ID:	7620	Lims Sample ID:	39
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 14:08:10	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 21-Dec-2012 14:08:10

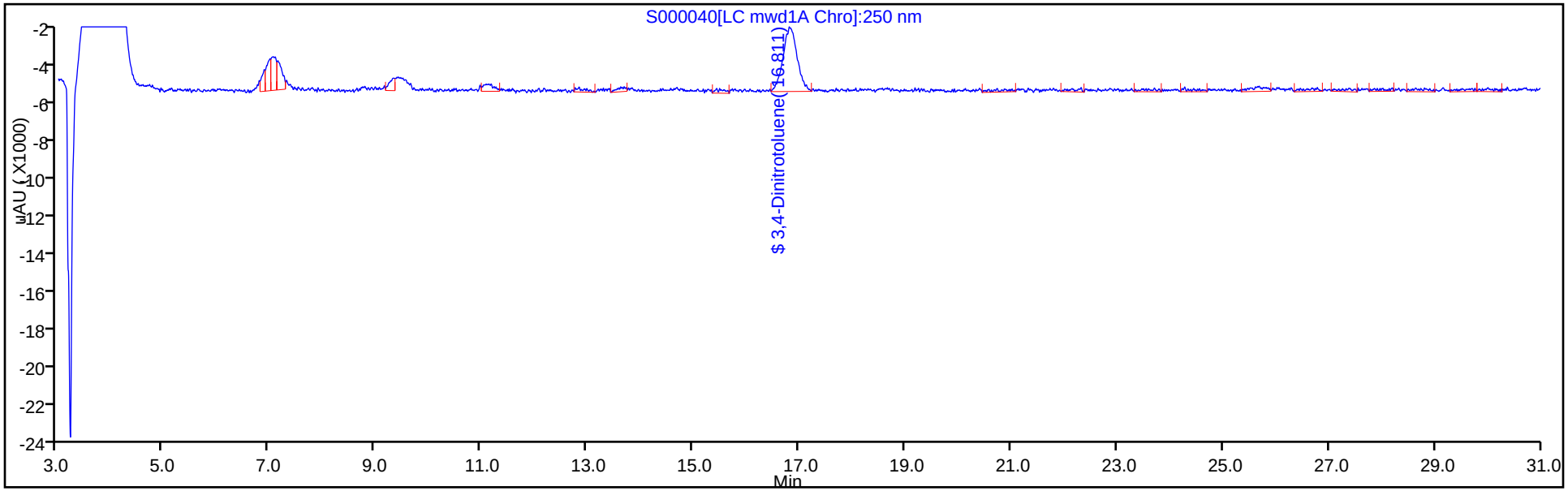
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.811	16.756	0.055	3423	60.8	
2	16.824	16.746	0.078	6716	65.0	

Report Date: 21-Dec-2012 14:08:10 Chrom Revision: 2.1 20-Dec-2012 15:49:16

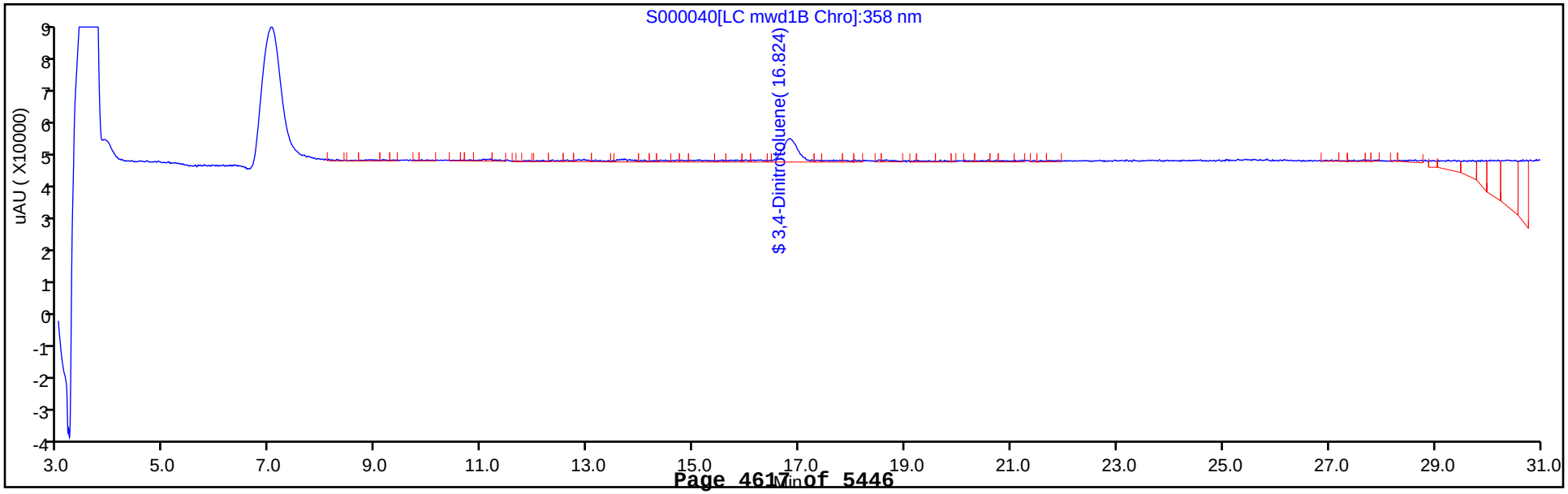
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000040.D		
Injection Date:	20-Dec-2012 18:31:26	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0108M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	39
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0109M-0001-SO Lab Sample ID: 240-18544-28

Matrix: Solid Lab File ID: S000041.D

Analysis Method: 8330B Date Collected: 12/06/2012 16:05

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.01(g) Date Analyzed: 12/20/2012 19:12

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	95		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000041.D		
Lims ID:	240-18544-F-28-A	Client ID:	076SB-0109M-0001-SO
Inject. Date:	20-Dec-2012 19:12:06	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-040		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	43
Lims Batch ID:	7620	Lims Sample ID:	40
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 14:08:48	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 21-Dec-2012 14:08:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.816	16.756	0.060	3333	59.2	
2	16.790	16.746	0.044	6280	60.8	

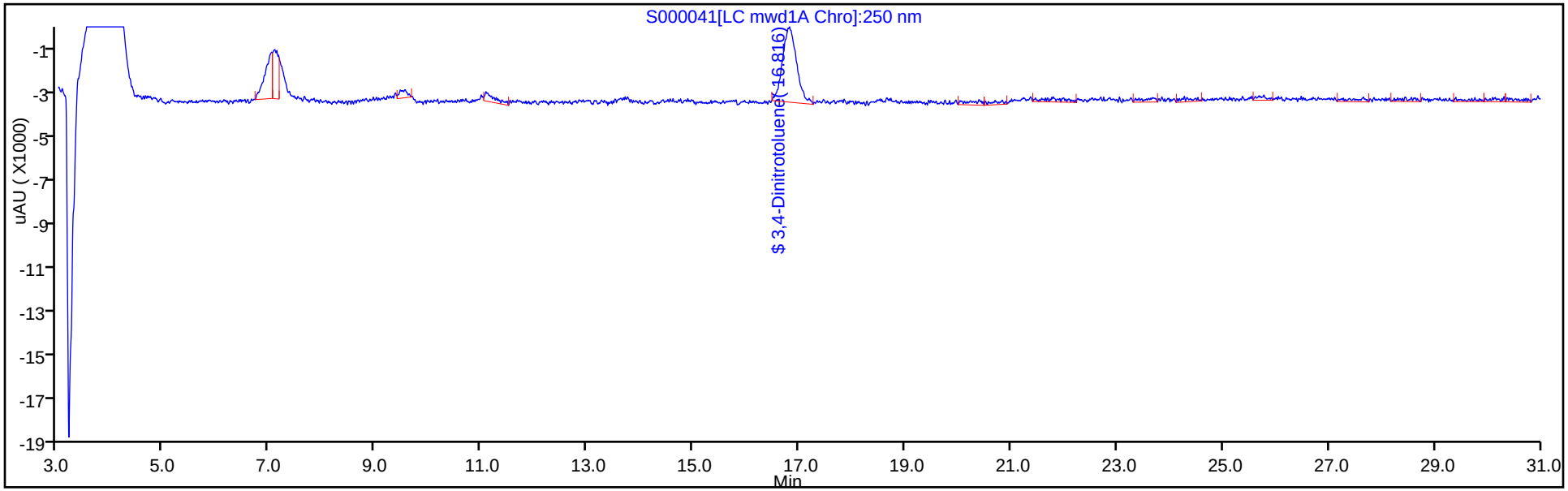
Report Date: 21-Dec-2012 14:08:48 Chrom Revision: 2.1 20-Dec-2012 15:49:16

TestAmerica West Sacramento

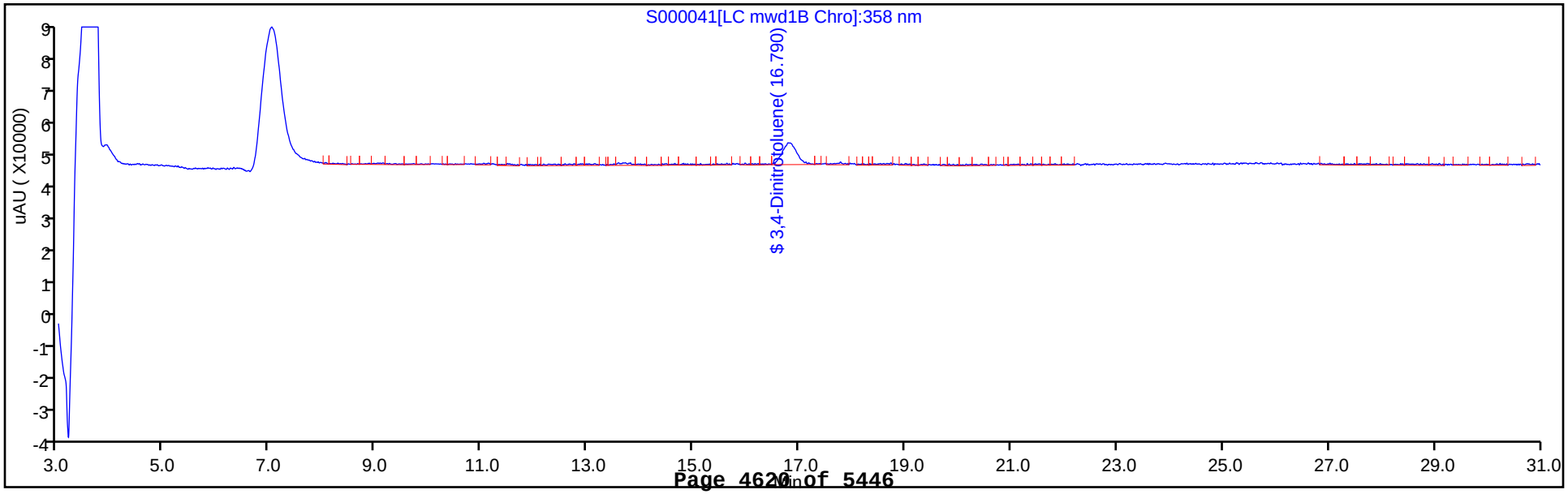
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Injection Date:	20-Dec-2012 19:12:06	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	40
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0110M-0001-SO Lab Sample ID: 240-18544-29

Matrix: Solid Lab File ID: S000042.D

Analysis Method: 8330B Date Collected: 12/06/2012 17:04

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.00(g) Date Analyzed: 12/20/2012 19:52

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	97		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000042.D		
Lims ID:	240-18544-F-29-A	Client ID:	076SB-0110M-0001-SO
Inject. Date:	20-Dec-2012 19:52:33	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-041		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	44
Lims Batch ID:	7620	Lims Sample ID:	41
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 14:09:27	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 21-Dec-2012 14:09:27

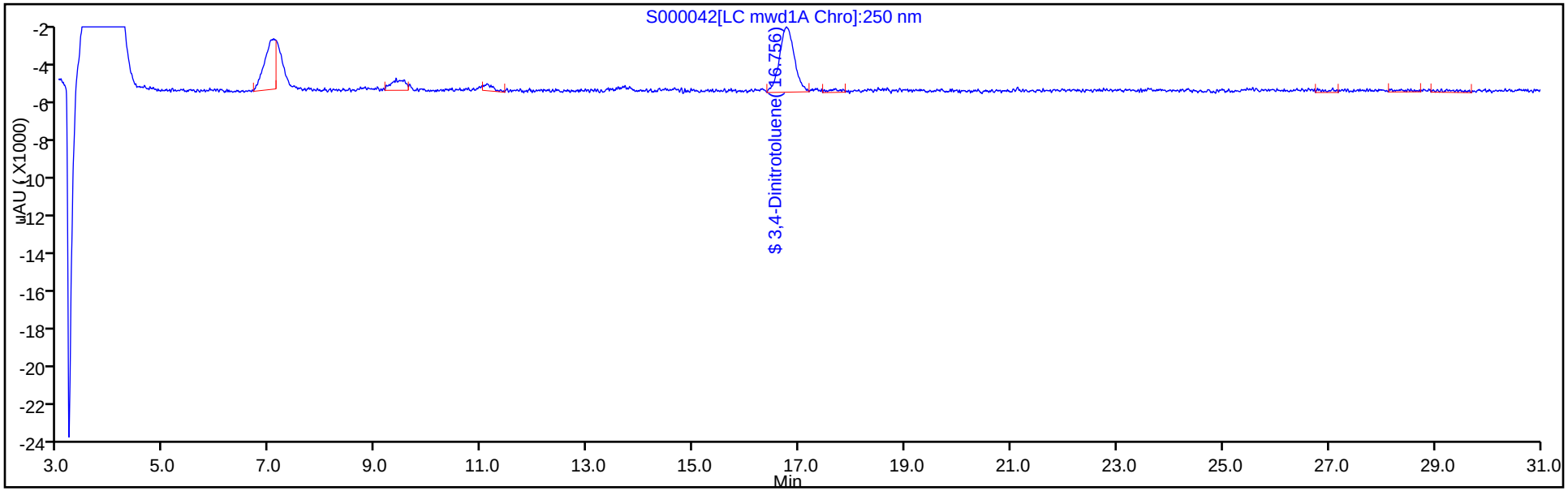
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.756	16.756	0.0	3407	60.5	
2	16.770	16.746	0.024	6312	61.1	

Report Date: 21-Dec-2012 14:09:27 Chrom Revision: 2.1 20-Dec-2012 15:49:16

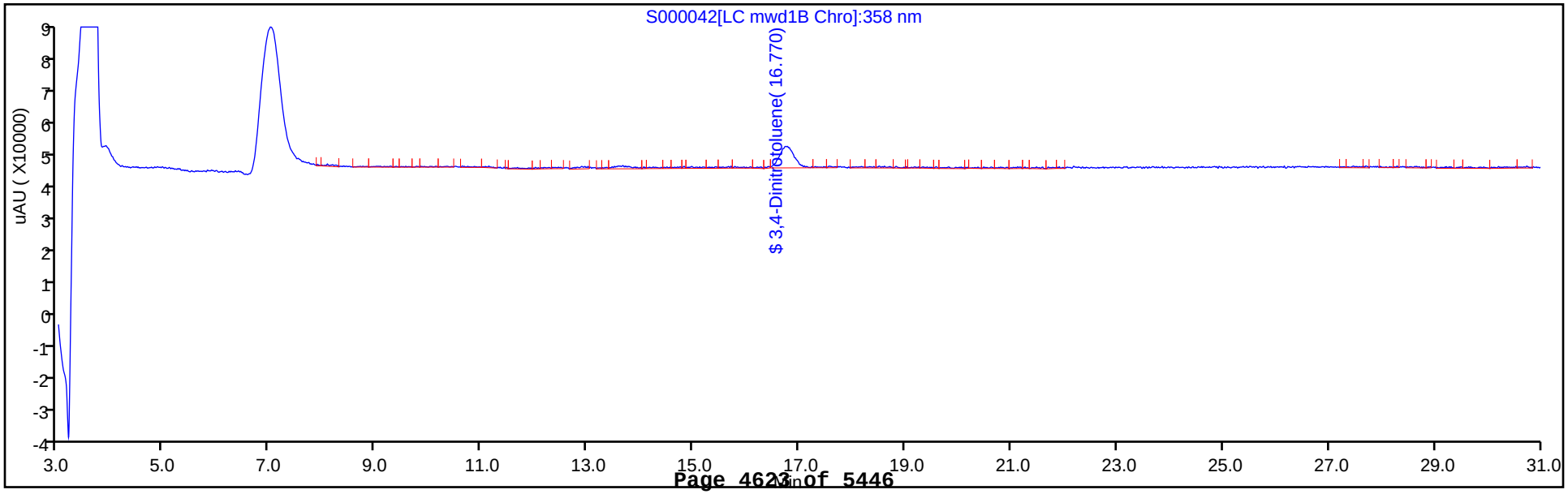
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000042.D		
Injection Date:	20-Dec-2012 19:52:33	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	41
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO Lab Sample ID: 240-18544-31

Matrix: Solid Lab File ID: S000043.D

Analysis Method: 8330B Date Collected: 12/06/2012 17:25

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.09(g) Date Analyzed: 12/20/2012 20:32

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0072
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.017
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	95		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000043.D		
Lims ID:	240-18544-I-31-A	Client ID:	076SB-0112M-0001-SO
Inject. Date:	20-Dec-2012 20:32:58	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-042		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	45
Lims Batch ID:	7620	Lims Sample ID:	42
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 14:10:23	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 21-Dec-2012 14:10:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.763	16.756	0.007	3345	59.4	
2	16.760	16.746	0.014	6575	63.6	

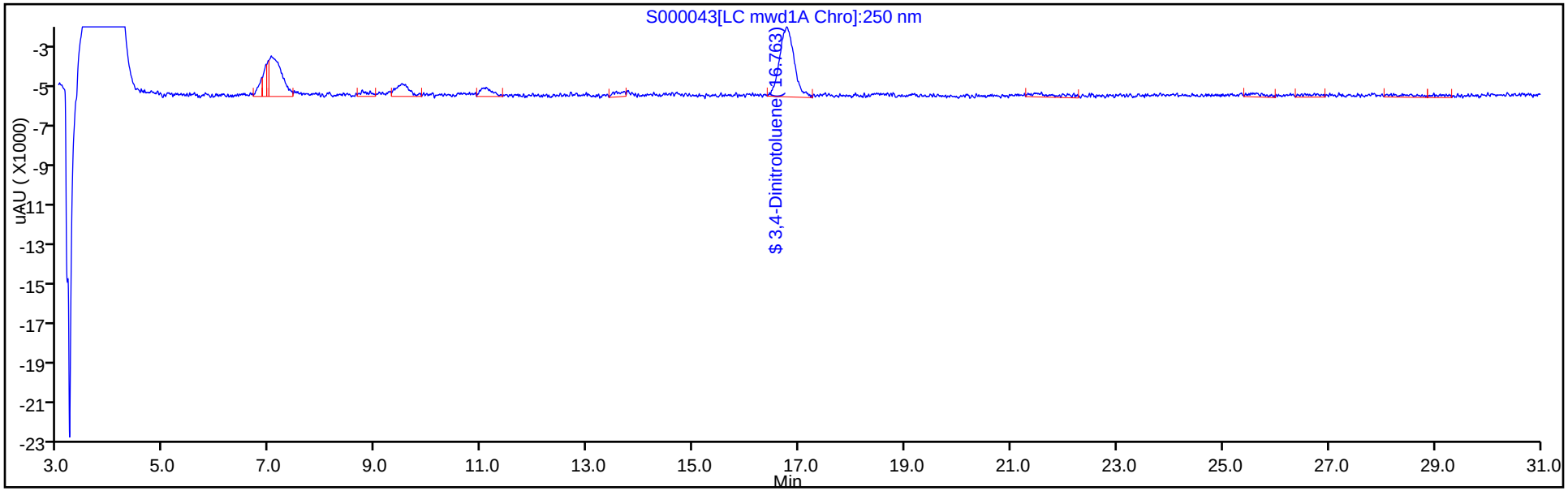
Report Date: 21-Dec-2012 14:10:23 Chrom Revision: 2.1 20-Dec-2012 15:49:16

TestAmerica West Sacramento

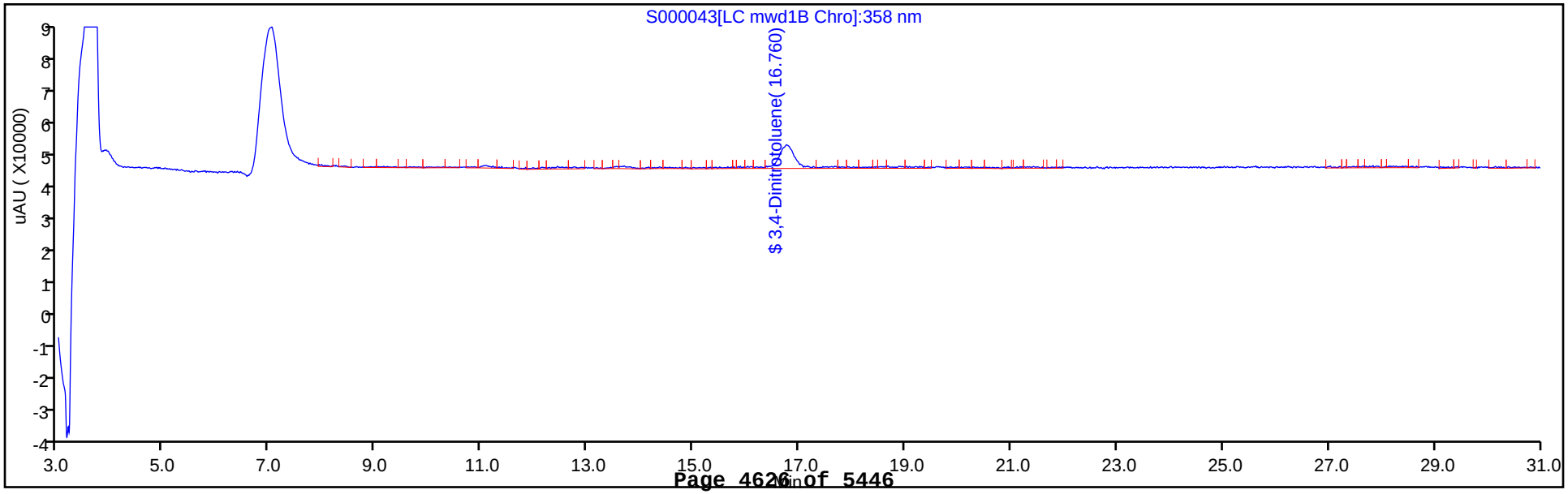
Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000043.D

Injection Date:	20-Dec-2012 20:32:58	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	42
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0114M-0001-SO Lab Sample ID: 240-18544-33

Matrix: Solid Lab File ID: S000044.D

Analysis Method: 8330B Date Collected: 12/06/2012 17:35

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.02(g) Date Analyzed: 12/20/2012 21:13

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	100		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000044.D		
Lims ID:	240-18544-F-33-A	Client ID:	076SB-0114M-0001-SO
Inject. Date:	20-Dec-2012 21:13:31	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	320-0001888-043		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	46
Lims Batch ID:	7620	Lims Sample ID:	43
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 14:16:26	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		

First Level Reviewer: noonanr Date: 21-Dec-2012 14:16:26

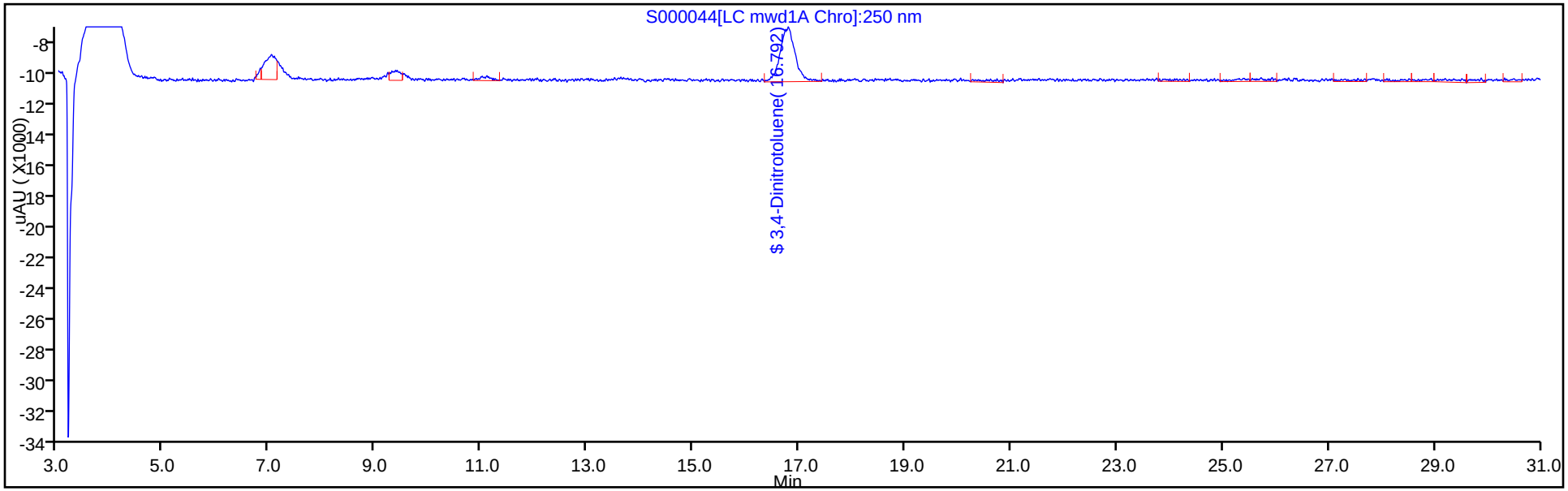
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.792	16.756	0.036	3507	62.3	
2	16.752	16.746	0.006	6448	62.4	

Report Date: 21-Dec-2012 14:16:26 Chrom Revision: 2.1 20-Dec-2012 15:49:16

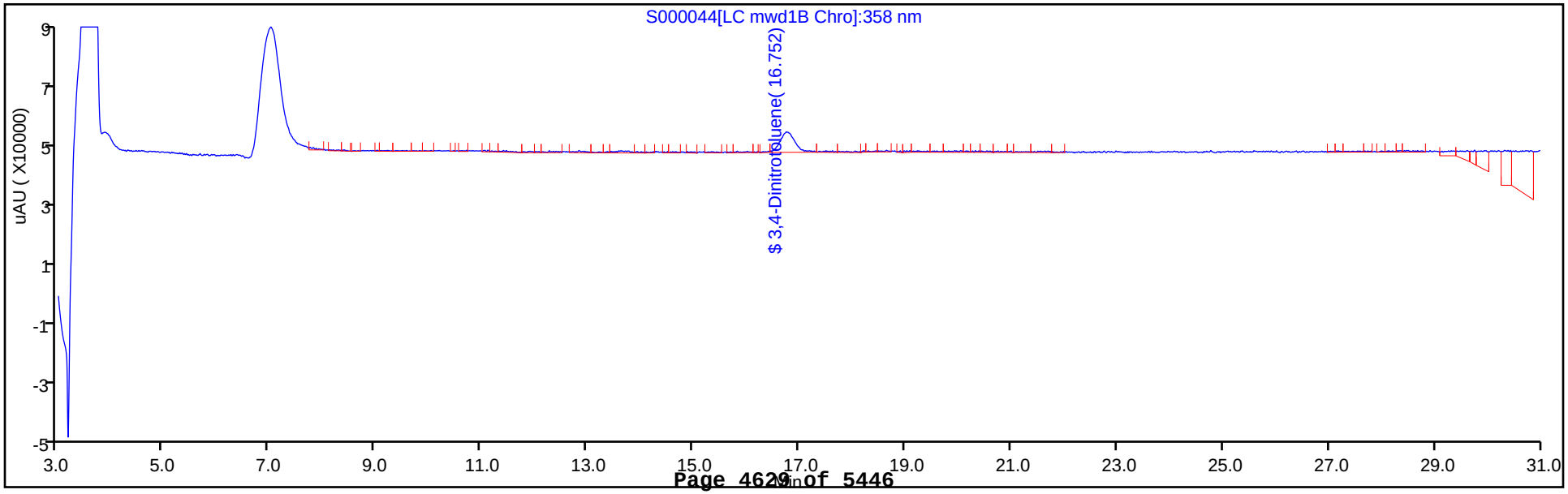
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000044.D		
Injection Date:	20-Dec-2012 21:13:31	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	43
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 3377

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/01/2012 11:50 Calibration End Date: 09/01/2012 16:31 Calibration ID: 1202

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-3377/2	A-000006.D
Level 2	STD02 320-3377/3	A-000007.D
Level 3	STD03 320-3377/4	A-000008.D
Level 4	STD04 320-3377/5	A-000009.D
Level 5	STD05 320-3377/6	A-000010.D
Level 6	STD06 320-3377/7	A-000011.D
Level 7	STD07 320-3377/8	A-000012.D
Level 8	STD08 320-3377/9	A-000013.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8			RT WINDOW	AVG RT
HMX	5.240	5.235	5.238	5.235	5.235	5.233	5.219	5.195			4.985 - 5.485	5.229
RDX	7.593	7.588	7.585	7.585	7.579	7.573	7.552	7.512			7.329 - 7.829	7.571
Ethylene glycol dinitrate	+++++	+++++	8.312	8.302	8.305	8.296	8.275	8.245			8.055 - 8.555	8.294
Picric acid	8.707	8.718	8.708	8.702	8.685	8.650	8.589	8.499			8.435 - 8.935	8.657
1,3,5-Trinitrobenzene	10.003	10.012	9.998	9.995	9.992	9.986	9.965	9.925			9.742 - 10.242	9.985
1,3-Dinitrobenzene	12.673	12.699	12.688	12.692	12.682	12.677	12.652	12.602			12.432 - 12.932	12.671
3,5-Dinitroaniline	13.447	13.449	13.452	13.455	13.449	13.437	13.406	13.349			13.199 - 13.699	13.431
Tetryl	13.950	13.925	13.952	13.942	13.939	13.933	13.912	13.866			13.689 - 14.189	13.927
Nitrobenzene	14.493	14.512	14.502	14.495	14.495	14.487	14.459	14.399			14.245 - 14.745	14.480
Nitroglycerin	+++++	+++++	15.205	15.209	15.202	15.197	15.172	15.126			14.952 - 15.452	15.185
2,4,6-Trinitrotoluene	16.083	16.075	16.075	16.085	16.069	16.067	16.046	16.002			15.819 - 16.319	16.063
4-Amino-2,6-dinitrotoluene	16.557	16.665	16.622	16.635	16.619	16.607	16.579	16.519			16.369 - 16.869	16.600
2-Amino-4,6-dinitrotoluene	17.617	17.619	17.595	17.602	17.595	17.587	17.552	17.489			17.345 - 17.845	17.582
2,6-Dinitrotoluene	19.280	19.342	19.318	19.299	19.285	19.293	19.259	19.199			19.035 - 19.535	19.284
2,4-Dinitrotoluene	19.877	19.965	19.915	19.939	19.925	19.917	19.886	19.829			19.675 - 20.175	19.907
2-Nitrotoluene	23.440	23.442	23.412	23.415	23.415	23.400	23.366	23.292			23.165 - 23.665	23.398
4-Nitrotoluene	25.103	25.095	25.135	25.092	25.102	25.087	25.062	24.989			24.852 - 25.352	25.083
3-Nitrotoluene	27.057	27.122	27.035	27.059	27.052	27.060	27.016	26.939			26.802 - 27.302	27.043
PETN	+++++	+++++	29.672	29.662	29.649	29.663	29.619	29.569			29.399 - 29.899	29.625
3,4-Dinitrotoluene	17.087	17.075	17.088	17.079	17.072	17.073	17.032	16.972			16.822 - 17.322	17.060

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 3377

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/01/2012 11:50 Calibration End Date: 09/01/2012 16:31 Calibration ID: 1202

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-3377/2	A-000006.D
Level 2	STD02 320-3377/3	A-000007.D
Level 3	STD03 320-3377/4	A-000008.D
Level 4	STD04 320-3377/5	A-000009.D
Level 5	STD05 320-3377/6	A-000010.D
Level 6	STD06 320-3377/7	A-000011.D
Level 7	STD07 320-3377/8	A-000012.D
Level 8	STD08 320-3377/9	A-000013.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
HMX	139.80 127.39	131.10 125.07	132.70 120.02	126.54 103.82	Ave		125.806000				8.5		20.0			
RDX	126.20 85.360	97.500 83.560	89.950 77.368	89.060 62.894	Ave		88.9865000				20.0		20.0			
Ethylene glycol dinitrate	+++++ 102.81	+++++ 100.64	106.60 93.280	99.580 78.274	Ave		96.8640000				10.0		20.0			
Picric acid	142.10 128.26	124.60 123.75	126.62 113.51	130.18 96.264	Ave		123.159625				11.0		20.0			
1,3,5-Trinitrobenzene	190.60 161.63	172.30 159.20	171.25 151.74	162.92 131.74	Ave		162.672500				10.0		20.0			
1,3-Dinitrobenzene	182.80 160.21	183.10 158.49	168.75 150.27	160.54 129.19	Ave		161.668750				11.0		20.0			
3,5-Dinitroaniline	130.40 101.39	110.30 101.56	102.95 97.078	103.96 83.656	Ave		103.911125				13.0		20.0			
Tetryl	110.60 82.640	87.300 84.365	81.400 83.418	84.500 78.184	Ave		86.5508750				12.0		20.0			
Nitrobenzene	96.600 71.160	77.100 71.370	75.300 67.000	72.860 58.527	Ave		73.7396250				15.0		20.0			
Nitroglycerin	+++++ 65.420	+++++ 64.655	74.350 62.646	65.760 56.481	Ave		64.8853333				8.9		20.0			
2,4,6-Trinitrotoluene	108.00 89.810	97.700 90.455	93.150 89.080	91.560 82.556	Ave		92.7888750				8.0		20.0			
4-Amino-2,6-dinitrotoluene	86.800 74.520	77.900 75.425	74.600 73.644	76.500 66.457	Ave		75.7307500				7.4		20.0			
2-Amino-4,6-dinitrotoluene	102.40 80.440	89.400 81.200	84.350 78.808	81.480 70.652	Ave		83.5912500				11.0		20.0			
2,6-Dinitrotoluene	77.800 56.200	62.900 57.230	57.300 55.882	58.140 51.202	Ave		59.5817500				13.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 3377

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/01/2012 11:50 Calibration End Date: 09/01/2012 16:31 Calibration ID: 1202

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
2,4-Dinitrotoluene	109.40 93.730	102.00 94.515	96.050 92.458	94.760 84.833	Ave		95.9682500				7.5		20.0			
2-Nitrotoluene	58.800 41.500	51.400 40.795	46.600 39.480	41.280 36.585	Ave		44.5550000				16.0		20.0			
4-Nitrotoluene	65.200 50.470	61.200 50.165	55.000 48.764	50.940 45.695	Ave		53.4292500				12.0		20.0			
3-Nitrotoluene	67.800 50.030	60.900 50.960	54.550 49.432	51.100 46.712	Ave		53.9355000				13.0		20.0			
PETN	+++++ 36.310	+++++ 35.540	40.050 35.620	38.100 34.728	Ave		36.7246667				5.4		20.0			
3,4-Dinitrotoluene	77.000 52.480	53.700 53.370	51.600 55.173	53.480 53.734	Ave		56.3171667				15.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 3377

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/01/2012 11:50 Calibration End Date: 09/01/2012 16:31 Calibration ID: 1202

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-3377/2	A-000006.D
Level 2	STD02 320-3377/3	A-000007.D
Level 3	STD03 320-3377/4	A-000008.D
Level 4	STD04 320-3377/5	A-000009.D
Level 5	STD05 320-3377/6	A-000010.D
Level 6	STD06 320-3377/7	A-000011.D
Level 7	STD07 320-3377/8	A-000012.D
Level 8	STD08 320-3377/9	A-000013.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
HMX	Ave	699 25014	1311 60012	2654 103824	6327	12739	5.00 200	10.0 500	20.0 1000	50.0	100
RDX	Ave	631 16712	975 38684	1799 62894	4453	8536	5.00 200	10.0 500	20.0 1000	50.0	100
Ethylene glycol dinitrate	Ave	+++++ 20128	+++++ 46640	2132 78274	4979	10281	+++++ 200	+++++ 500	20.0 1000	50.0	100
Picric acid	Ave	1421 61874	2492 113505	6331 192528	13018	25652	10.0 500	20.0 1000	50.0 2000	100	200
1,3,5-Trinitrobenzene	Ave	953 31839	1723 75872	3425 131741	8146	16163	5.00 200	10.0 500	20.0 1000	50.0	100
1,3-Dinitrobenzene	Ave	914 31698	1831 75133	3375 129194	8027	16021	5.00 200	10.0 500	20.0 1000	50.0	100
3,5-Dinitroaniline	Ave	652 20311	1103 48539	2059 83656	5198	10139	5.00 200	10.0 500	20.0 1000	50.0	100
Tetryl	Ave	553 16873	873 41709	1628 78184	4225	8264	5.00 200	10.0 500	20.0 1000	50.0	100
Nitrobenzene	Ave	483 14274	771 33500	1506 58527	3643	7116	5.00 200	10.0 500	20.0 1000	50.0	100
Nitroglycerin	Ave	+++++ 12931	+++++ 31323	1487 56481	3288	6542	+++++ 200	+++++ 500	20.0 1000	50.0	100
2,4,6-Trinitrotoluene	Ave	540 18091	977 44540	1863 82556	4578	8981	5.00 200	10.0 500	20.0 1000	50.0	100
4-Amino-2,6-dinitrotoluene	Ave	434 15085	779 36822	1492 66457	3825	7452	5.00 200	10.0 500	20.0 1000	50.0	100
2-Amino-4,6-dinitrotoluene	Ave	512 16240	894 39404	1687 70652	4074	8044	5.00 200	10.0 500	20.0 1000	50.0	100
2,6-Dinitrotoluene	Ave	389 11446	629 27941	1146 51202	2907	5620	5.00 200	10.0 500	20.0 1000	50.0	100
2,4-Dinitrotoluene	Ave	547 18903	1020 46229	1921 84833	4738	9373	5.00 200	10.0 500	20.0 1000	50.0	100

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 3377

SDG No.:

Instrument ID: LC10 GC Column: Synergi C18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/01/2012 11:50 Calibration End Date: 09/01/2012 16:31 Calibration ID: 1202

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Nitrotoluene	Ave	294 8159	514 19740	932 36585	2064	4150	5.00 200	10.0 500	20.0 1000	50.0	100
4-Nitrotoluene	Ave	326 10033	612 24382	1100 45695	2547	5047	5.00 200	10.0 500	20.0 1000	50.0	100
3-Nitrotoluene	Ave	339 10192	609 24716	1091 46712	2555	5003	5.00 200	10.0 500	20.0 1000	50.0	100
PETN	Ave	+++++ 7108	+++++ 17810	801 34728	1905	3631	+++++ 200	+++++ 500	20.0 1000	50.0	100
3,4-Dinitrotoluene	Ave	385 10674	537 16552	1032 26867	2674	5248	5.00 200	10.0 300	20.0 500	50.0	100

Curve Type Legend:
Ave = Average by Height

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000006.D
Lims ID: STD01 Client ID:
Inject. Date: 01-Sep-2012 11:50:14 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: STD01 HP8330L1_00004 5ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 11
Lims Batch ID: 3377 Lims Sample ID: 2
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 11:14:21 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK002

First Level Reviewer: noonanr Date: 11-Sep-2012 13:41:22

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.240	5.235	0.005	699	5.56	
19 RDX						
1	7.593	7.579	0.014	631	7.09	
3 Ethylene glycol dinitrate						
2	8.300	8.305	-0.005	652	6.73	
10 2,4,6-Trinitrophenol						
2	8.707	8.685	0.022	1421	11.5	
1	8.733	8.685	0.048	955	11.6	
27 1,3,5-Trinitrobenzene						
1	10.003	9.992	0.011	953	5.86	
24 1,3-Dinitrobenzene						
1	12.673	12.682	-0.009	914	5.65	
9 3,5-Dinitroaniline						
1	13.447	13.449	-0.002	652	6.27	
20 Tetryl						
1	13.950	13.939	0.011	553	6.39	
5 Nitrobenzene						
1	14.493	14.495	-0.002	483	6.55	
7 Nitroglycerin						
2	15.147	15.202	-0.055	536	8.26	
25 2,4,6-Trinitrotoluene						
1	16.083	16.069	0.014	540	5.82	
26 4-Amino-2,6-dinitrotoluene						
1	16.557	16.619	-0.062	434	5.73	
$ 30 3,4-Dinitrotoluene						
1	17.087	17.072	0.015	385	6.84	
2	17.117	17.082	0.035	622	6.02	

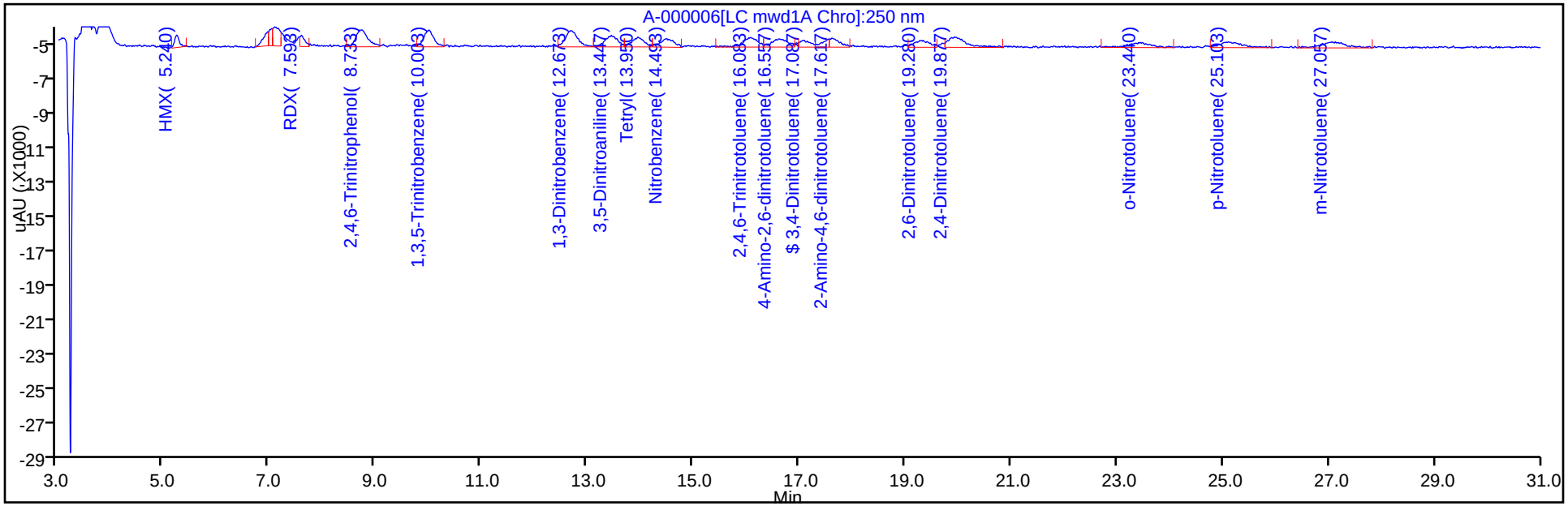
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.617	17.595	0.022	512	6.13	
12 2,6-Dinitrotoluene						
1	19.280	19.285	-0.005	389	6.53	
23 2,4-Dinitrotoluene						
1	19.877	19.925	-0.048	547	5.70	
16 o-Nitrotoluene						
1	23.440	23.415	0.025	294	6.60	
15 p-Nitrotoluene						
1	25.103	25.102	0.001	326	6.10	
8 m-Nitrotoluene						
1	27.057	27.052	0.005	339	6.29	
21 PETN						
2	29.613	29.649	-0.036	771	21.0	

Report Date: 13-Sep-2012 11:14:22 Chrom Revision: 2.1 12-Sep-2012 21:43:20

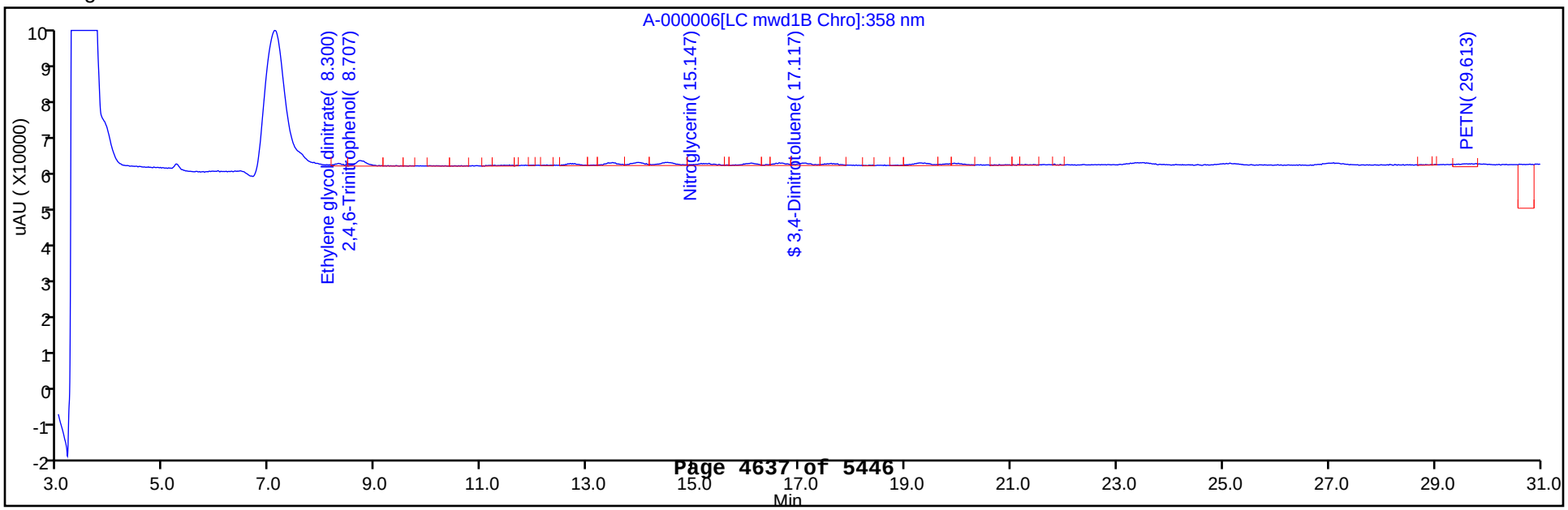
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000006.D		
Injection Date:	01-Sep-2012 11:50:14	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000007.D
Lims ID: STD02 Client ID:
Inject. Date: 01-Sep-2012 12:30:23 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: STD02 HP8330L2_00003 10ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 12
Lims Batch ID: 3377 Lims Sample ID: 3
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:53 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: chamberss Date: 11-Sep-2012 14:17:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.235	5.235	0.0	1311	10.4	
19 RDX						
1	7.588	7.579	0.009	975	10.9	
3 Ethylene glycol dinitrate						
2	8.315	8.305	0.010	1143	11.8	
10 2,4,6-Trinitrophenol						
2	8.718	8.685	0.033	2492	20.2	
1	8.718	8.685	0.033	1717	20.7	
27 1,3,5-Trinitrobenzene						
1	10.012	9.992	0.020	1723	10.6	
24 1,3-Dinitrobenzene						
1	12.699	12.682	0.017	1831	11.3	
9 3,5-Dinitroaniline						
1	13.449	13.449	0.0	1103	10.6	
20 Tetryl						
1	13.925	13.939	-0.014	873	10.1	
5 Nitrobenzene						
1	14.512	14.495	0.017	771	10.4	
7 Nitroglycerin						
2	15.225	15.202	0.023	628	9.68	
25 2,4,6-Trinitrotoluene						
1	16.075	16.069	0.006	977	10.5	
26 4-Amino-2,6-dinitrotoluene						
1	16.665	16.619	0.046	779	10.3	
$ 30 3,4-Dinitrotoluene						
1	17.075	17.072	0.003	537	9.52	
2	17.075	17.082	-0.007	883	8.55	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.619	17.595	0.024	894	10.7	
12 2,6-Dinitrotoluene						
1	19.342	19.285	0.057	629	10.5	
23 2,4-Dinitrotoluene						
1	19.965	19.925	0.040	1020	10.6	
16 o-Nitrotoluene						
1	23.442	23.415	0.027	514	11.5	
15 p-Nitrotoluene						
1	25.095	25.102	-0.007	612	11.5	
8 m-Nitrotoluene						
1	27.122	27.052	0.070	609	11.3	
21 PETN						
2	29.552	29.649	-0.097	427	11.6	

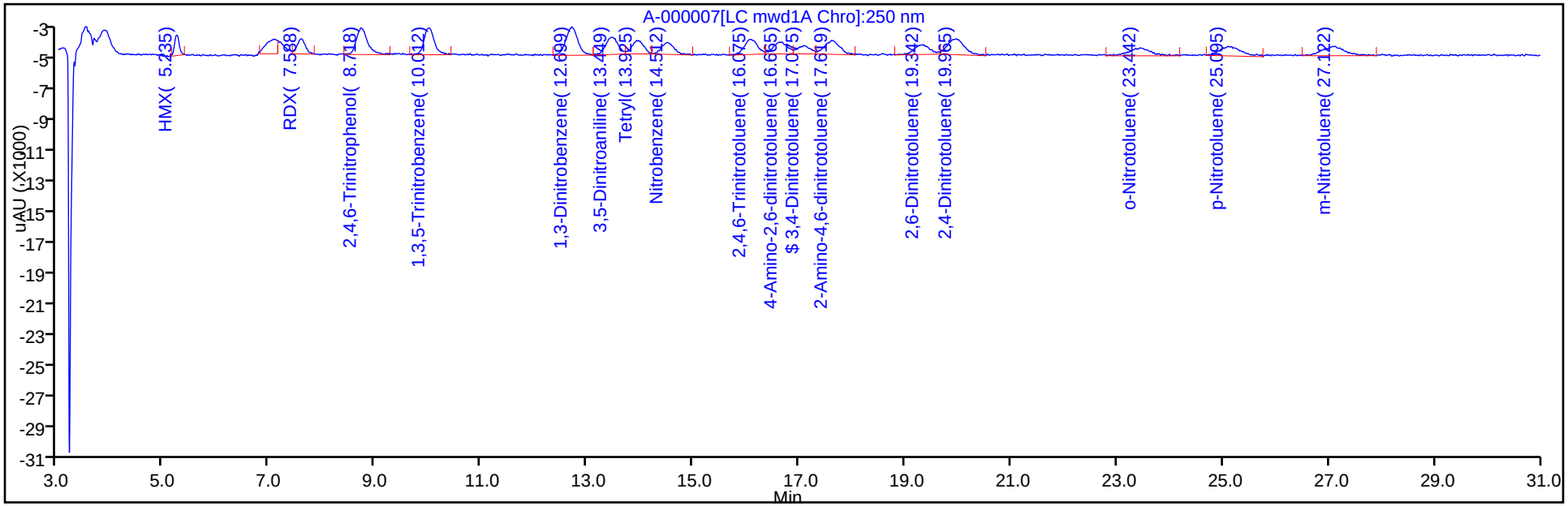
Report Date: 13-Sep-2012 10:19:53 Chrom Revision: 2.1 12-Sep-2012 21:43:20

TestAmerica West Sacramento

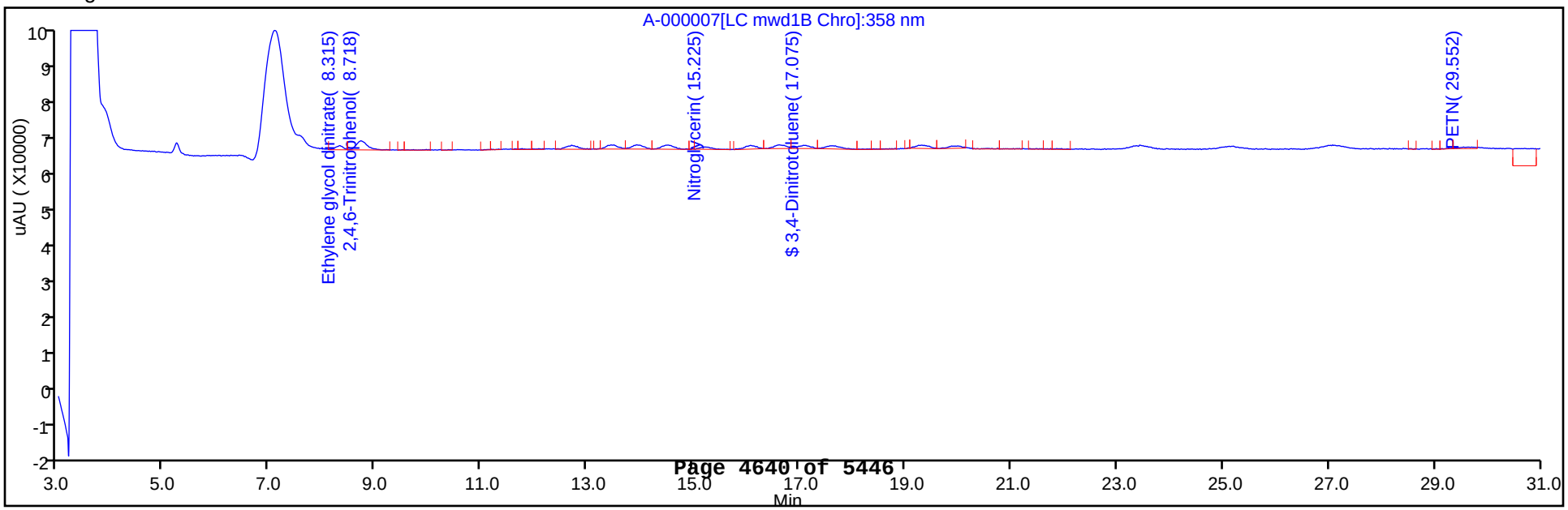
Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000007.D

Injection Date:	01-Sep-2012 12:30:23	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000008.D
Lims ID: STD03 Client ID:
Inject. Date: 01-Sep-2012 13:10:34 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: STD03 HP8330L3_00003 20ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 13
Lims Batch ID: 3377 Lims Sample ID: 4
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:54 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: chamberss Date: 11-Sep-2012 14:31:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.238	5.235	0.003	2654	21.1	
19 RDX						
1	7.585	7.579	0.006	1799	20.2	
3 Ethylene glycol dinitrate						
2	8.312	8.305	0.007	2132	22.0	
10 2,4,6-Trinitrophenol						
2	8.708	8.685	0.023	6331	51.4	
1	8.718	8.685	0.033	4198	50.7	
27 1,3,5-Trinitrobenzene						
1	9.998	9.992	0.006	3425	21.0	
24 1,3-Dinitrobenzene						
1	12.688	12.682	0.006	3375	20.9	
9 3,5-Dinitroaniline						
1	13.452	13.449	0.003	2059	19.8	
20 Tetryl						
1	13.952	13.939	0.013	1628	18.8	
5 Nitrobenzene						
1	14.502	14.495	0.007	1506	20.4	
7 Nitroglycerin						
2	15.205	15.202	0.003	1487	22.9	
25 2,4,6-Trinitrotoluene						
1	16.075	16.069	0.006	1863	20.1	
26 4-Amino-2,6-dinitrotoluene						
1	16.622	16.619	0.003	1492	19.7	
$ 30 3,4-Dinitrotoluene						
1	17.088	17.072	0.016	1032	18.3	
2	17.075	17.082	-0.007	2249	21.8	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.595	17.595	0.0	1687	20.2	
12 2,6-Dinitrotoluene						
1	19.318	19.285	0.033	1146	19.2	
23 2,4-Dinitrotoluene						
1	19.915	19.925	-0.010	1921	20.0	
16 o-Nitrotoluene						
1	23.412	23.415	-0.003	932	20.9	
15 p-Nitrotoluene						
1	25.135	25.102	0.033	1100	20.6	
8 m-Nitrotoluene						
1	27.035	27.052	-0.017	1091	20.2	
21 PETN						
2	29.672	29.649	0.023	801	21.8	

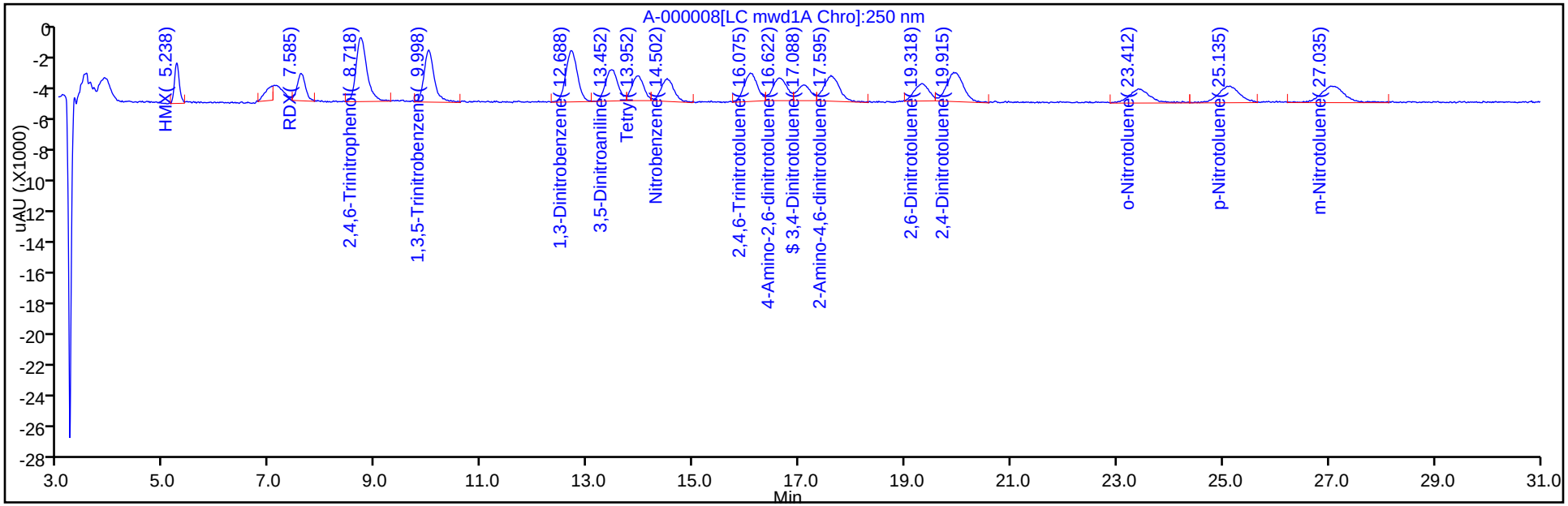
Report Date: 13-Sep-2012 10:19:54 Chrom Revision: 2.1 12-Sep-2012 21:43:20

TestAmerica West Sacramento

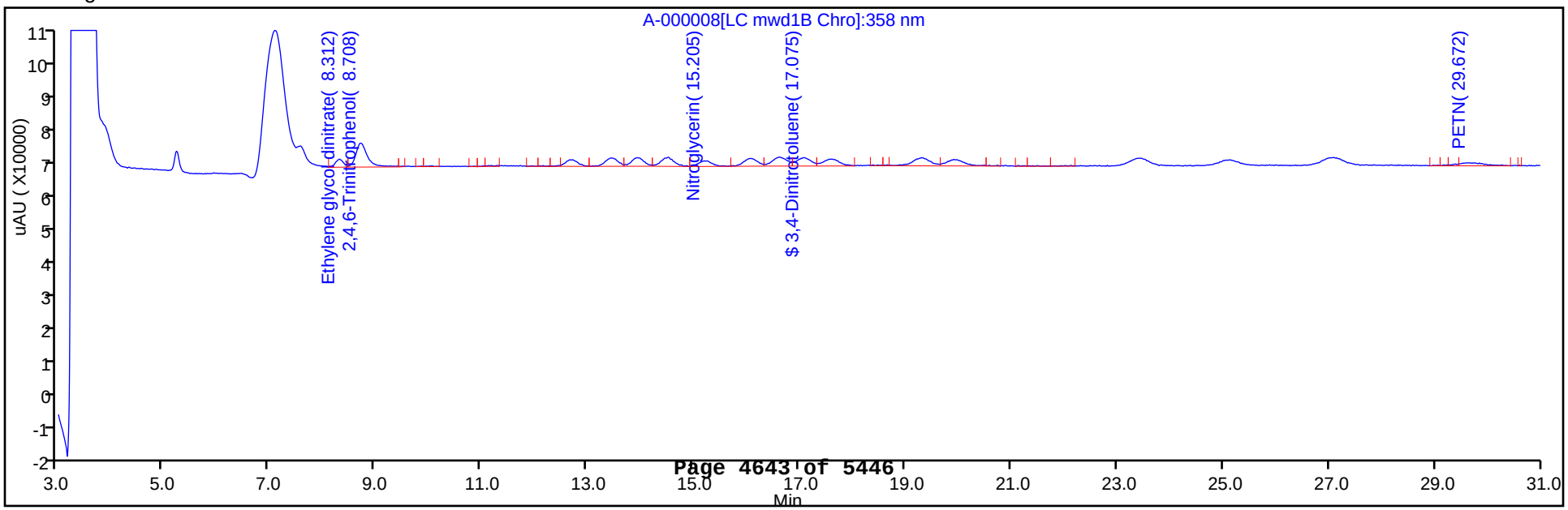
Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000008.D

Injection Date:	01-Sep-2012 13:10:34	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

User Set Y Scaling: Alternate user entered



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000009.D
Lims ID: STD04 Client ID:
Inject. Date: 01-Sep-2012 13:50:42 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: STD04 HP8330L4_00003 50ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 14
Lims Batch ID: 3377 Lims Sample ID: 5
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:55 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: chamberss Date: 11-Sep-2012 14:15:08

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.235	5.235	0.0	6327	50.3	
19 RDX						
1	7.585	7.579	0.006	4453	50.0	
3 Ethylene glycol dinitrate						
2	8.302	8.305	-0.003	4979	51.4	
10 2,4,6-Trinitrophenol						
2	8.702	8.685	0.017	13018	105.7	
1	8.698	8.685	0.013	8740	105.7	
27 1,3,5-Trinitrobenzene						
1	9.995	9.992	0.003	8146	50.1	
24 1,3-Dinitrobenzene						
1	12.692	12.682	0.010	8027	49.6	
9 3,5-Dinitroaniline						
1	13.455	13.449	0.006	5198	50.0	
20 Tetryl						
1	13.942	13.939	0.003	4225	48.8	
5 Nitrobenzene						
1	14.495	14.495	0.0	3643	49.4	
7 Nitroglycerin						
2	15.209	15.202	0.007	3288	50.7	
25 2,4,6-Trinitrotoluene						
1	16.085	16.069	0.016	4578	49.3	
26 4-Amino-2,6-dinitrotoluene						
1	16.635	16.619	0.016	3825	50.5	
$ 30 3,4-Dinitrotoluene						
1	17.079	17.072	0.007	2674	47.5	
2	17.065	17.082	-0.017	5072	49.1	

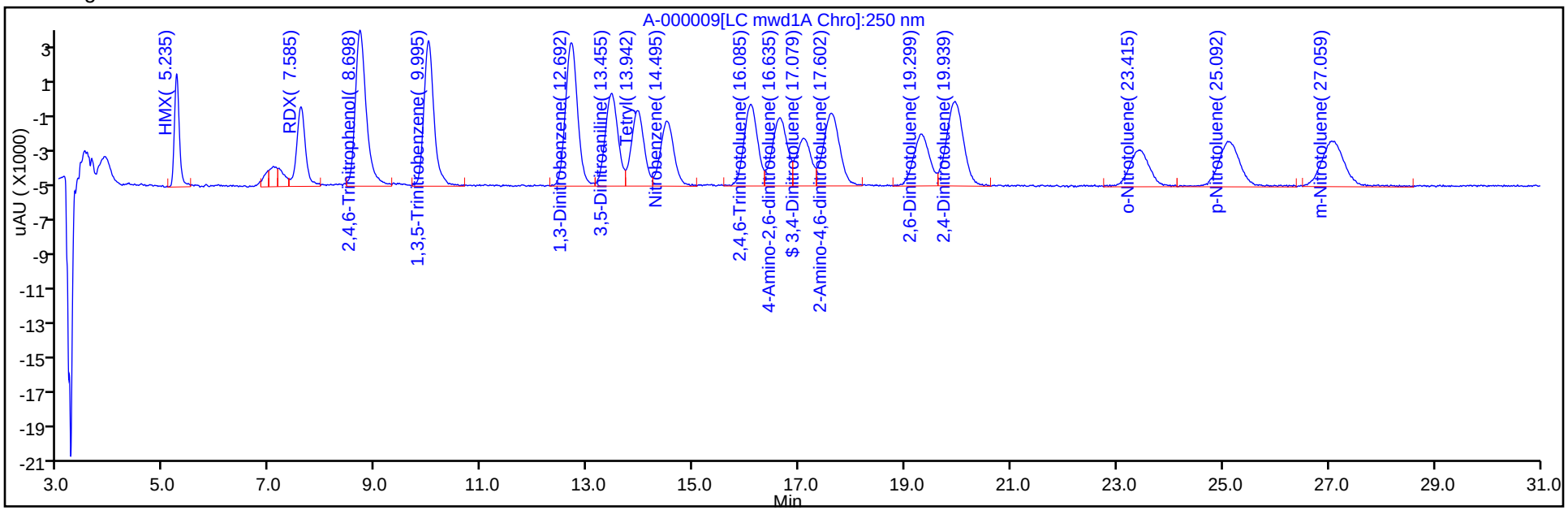
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.602	17.595	0.007	4074	48.7	
12 2,6-Dinitrotoluene						
1	19.299	19.285	0.014	2907	48.8	
23 2,4-Dinitrotoluene						
1	19.939	19.925	0.014	4738	49.4	
16 o-Nitrotoluene						
1	23.415	23.415	0.0	2064	46.3	
15 p-Nitrotoluene						
1	25.092	25.102	-0.010	2547	47.7	
8 m-Nitrotoluene						
1	27.059	27.052	0.007	2555	47.4	
21 PETN						
2	29.662	29.649	0.013	1905	51.9	

Report Date: 13-Sep-2012 10:19:55 Chrom Revision: 2.1 12-Sep-2012 21:43:20

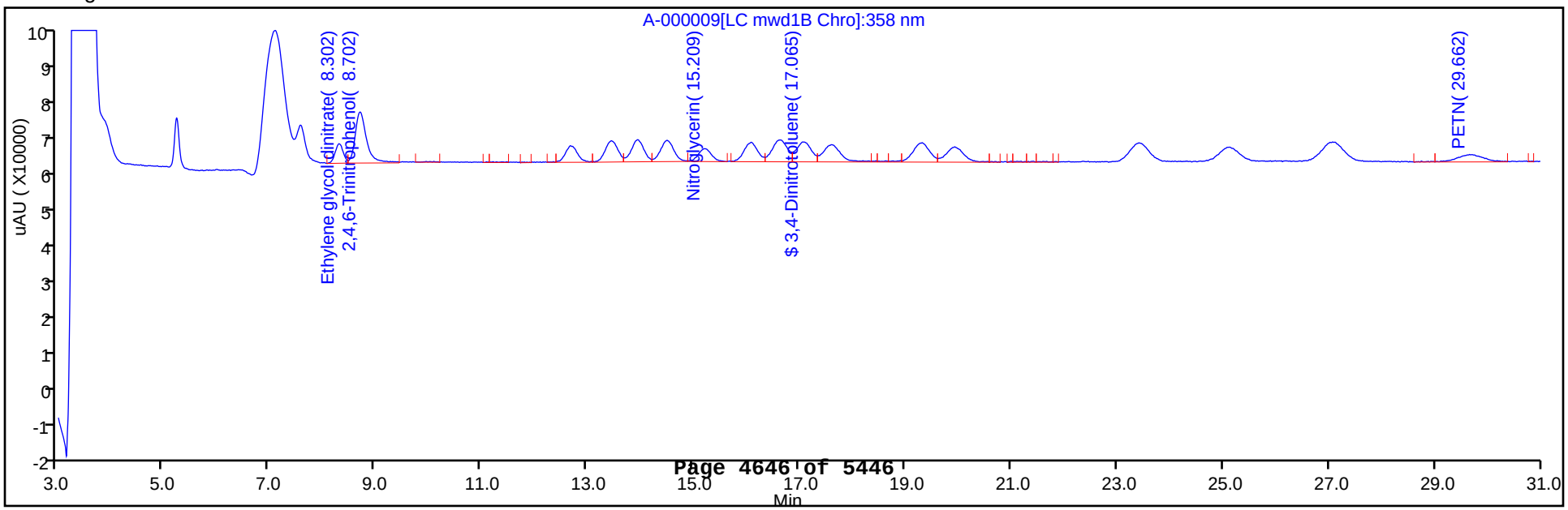
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000009.D		
Injection Date:	01-Sep-2012 13:50:42	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000010.D
Lims ID: STD05 Client ID:
Inject. Date: 01-Sep-2012 14:30:45 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: STD05 HP8330L5_00004 100ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 15
Lims Batch ID: 3377 Lims Sample ID: 6
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:55 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: noonanr Date: 12-Sep-2012 13:24:27

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.235	5.235	0.0	12739	101.2	
19 RDX						
1	7.579	7.579	0.0	8536	95.8	
3 Ethylene glycol dinitrate						
2	8.305	8.305	0.0	10281	106.1	
10 2,4,6-Trinitrophenol						
2	8.685	8.685	0.0	25652	208.3	
1	8.685	8.685	0.0	16956	205.0	
27 1,3,5-Trinitrobenzene						
1	9.992	9.992	0.0	16163	99.3	
24 1,3-Dinitrobenzene						
1	12.682	12.682	0.0	16021	99.1	
9 3,5-Dinitroaniline						
1	13.449	13.449	0.0	10139	97.6	
20 Tetryl						
1	13.939	13.939	0.0	8264	95.5	
5 Nitrobenzene						
1	14.495	14.495	0.0	7116	96.5	
7 Nitroglycerin						
2	15.202	15.202	0.0	6542	100.8	
25 2,4,6-Trinitrotoluene						
1	16.069	16.069	0.0	8981	96.8	
26 4-Amino-2,6-dinitrotoluene						
1	16.619	16.619	0.0	7452	98.4	
$ 30 3,4-Dinitrotoluene						
1	17.072	17.072	0.0	5248	93.2	
2	17.082	17.082	0.0	10171	98.4	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.595	17.595	0.0	8044	96.2	
12 2,6-Dinitrotoluene						
1	19.285	19.285	0.0	5620	94.3	
23 2,4-Dinitrotoluene						
1	19.925	19.925	0.0	9373	97.7	
16 o-Nitrotoluene						
1	23.415	23.415	0.0	4150	93.1	
15 p-Nitrotoluene						
1	25.102	25.102	0.0	5047	94.5	
8 m-Nitrotoluene						M
1	27.052	27.052	0.0	5003	92.8	M
21 PETN						
2	29.649	29.649	0.0	3631	98.9	

QC Flag Legend

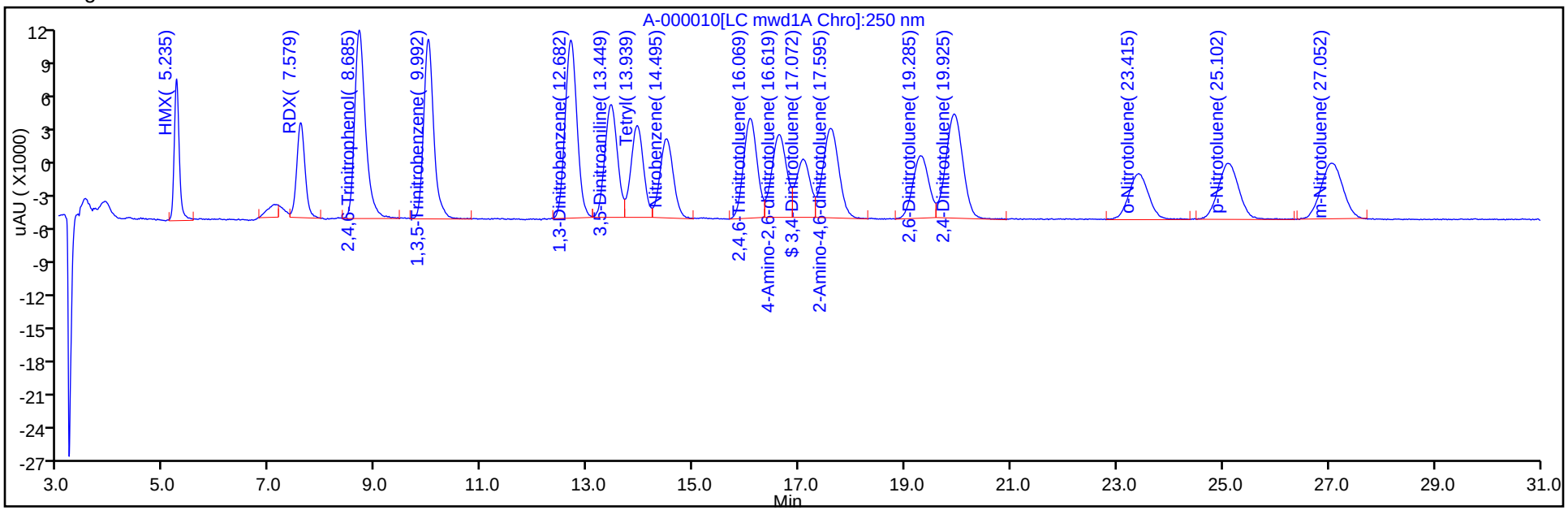
Review Flags
M - Manually Integrated

Report Date: 13-Sep-2012 10:19:56 Chrom Revision: 2.1 12-Sep-2012 21:43:20

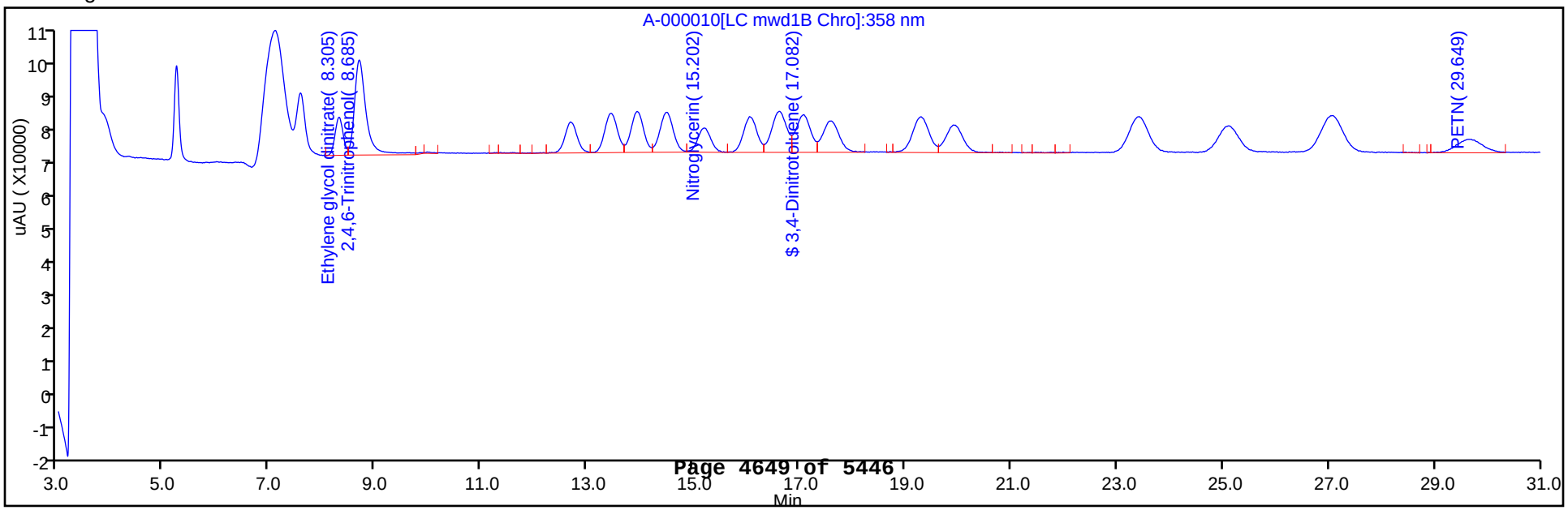
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000010.D		
Injection Date:	01-Sep-2012 14:30:45	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

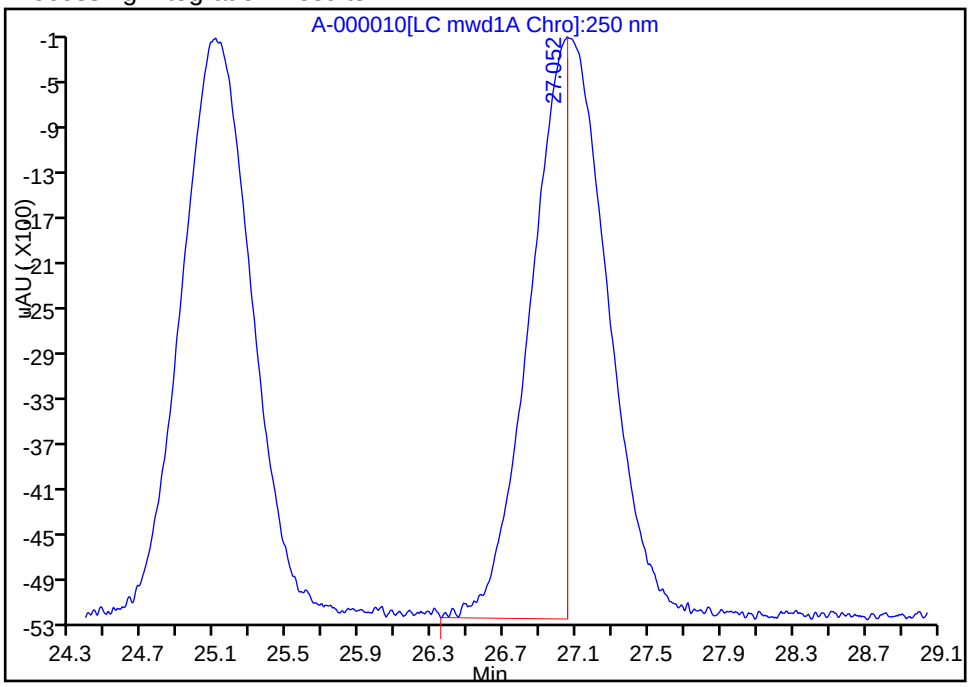
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000010.D		
Injection Date:	01-Sep-2012 14:30:45	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

8 m-Nitrotoluene, Signal: 1, Type: quant, RT: 27.05, Det: LC mwd1A

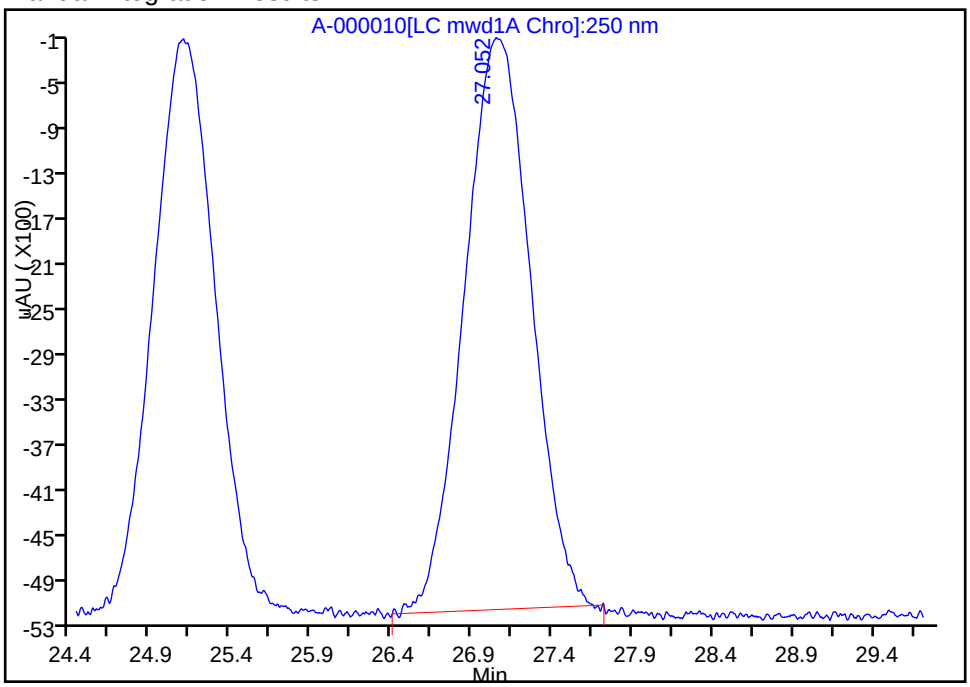
Processing Integration Results

RT: 27.05
Response: 5091
Amount: 94.175972



Manual Integration Results

RT: 27.05
Response: 5003
Amount: 92.750560



Reviewer: noonanr, 13-Sep-2012 09:42:08
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000011.D
Lims ID: STD06 Client ID:
Inject. Date: 01-Sep-2012 15:10:52 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: STD06 HP8330L6_00004 200ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 16
Lims Batch ID: 3377 Lims Sample ID: 7
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:56 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: noonanr Date: 12-Sep-2012 13:26:22

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.233	5.235	-0.002	25014	198.8	
19 RDX						
1	7.573	7.579	-0.006	16712	187.8	
3 Ethylene glycol dinitrate						
2	8.296	8.305	-0.009	20128	207.8	
10 2,4,6-Trinitrophenol						
2	8.650	8.685	-0.035	61874	502.4	
1	8.650	8.685	-0.035	41089	497.0	
27 1,3,5-Trinitrobenzene						
1	9.986	9.992	-0.006	31839	195.7	
24 1,3-Dinitrobenzene						
1	12.677	12.682	-0.005	31698	196.1	
9 3,5-Dinitroaniline						
1	13.437	13.449	-0.012	20311	195.4	
20 Tetryl						
1	13.933	13.939	-0.006	16873	194.9	
5 Nitrobenzene						
1	14.487	14.495	-0.008	14274	193.5	
7 Nitroglycerin						
2	15.197	15.202	-0.005	12931	199.3	
25 2,4,6-Trinitrotoluene						
1	16.067	16.069	-0.002	18091	194.9	
26 4-Amino-2,6-dinitrotoluene						
1	16.607	16.619	-0.012	15085	199.1	
$ 30 3,4-Dinitrotoluene						
1	17.073	17.072	0.001	10674	189.4	
2	17.070	17.082	-0.012	19828	191.9	

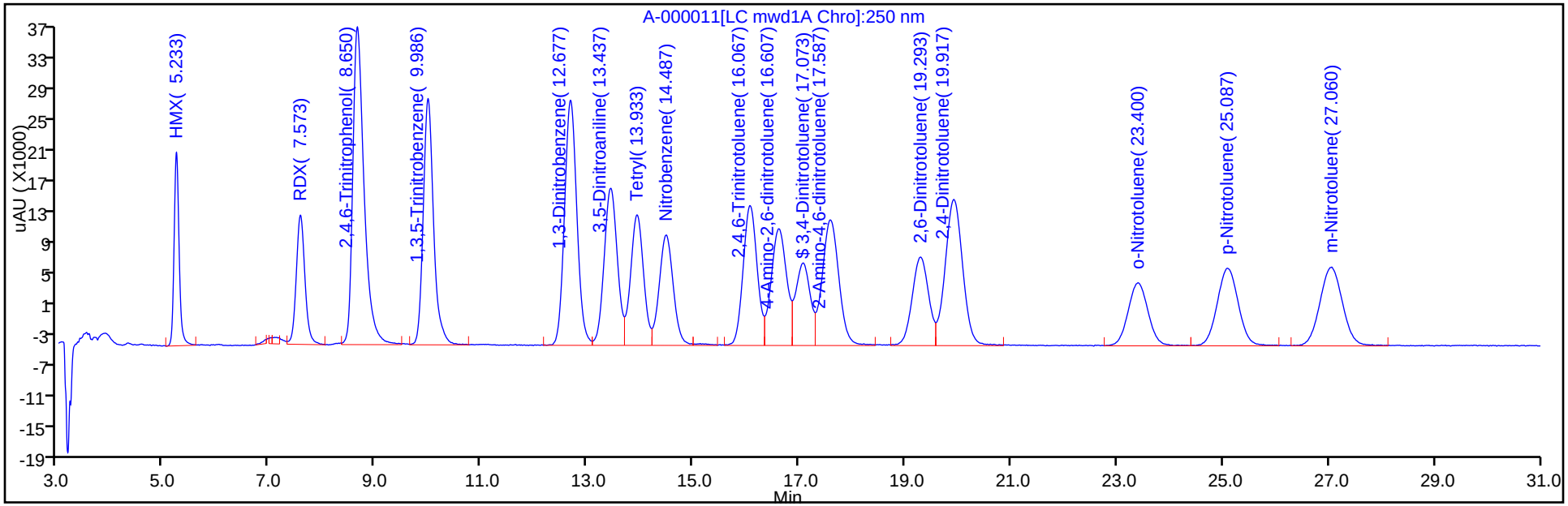
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.587	17.595	-0.008	16240	194.2	
12 2,6-Dinitrotoluene						
1	19.293	19.285	0.008	11446	192.1	
23 2,4-Dinitrotoluene						
1	19.917	19.925	-0.008	18903	196.9	
16 o-Nitrotoluene						
1	23.400	23.415	-0.015	8159	183.1	
15 p-Nitrotoluene						
1	25.087	25.102	-0.015	10033	187.7	
8 m-Nitrotoluene						
1	27.060	27.052	0.008	10192	188.9	
21 PETN						
2	29.663	29.649	0.014	7108	193.5	

Report Date: 13-Sep-2012 10:19:57 Chrom Revision: 2.1 12-Sep-2012 21:43:20

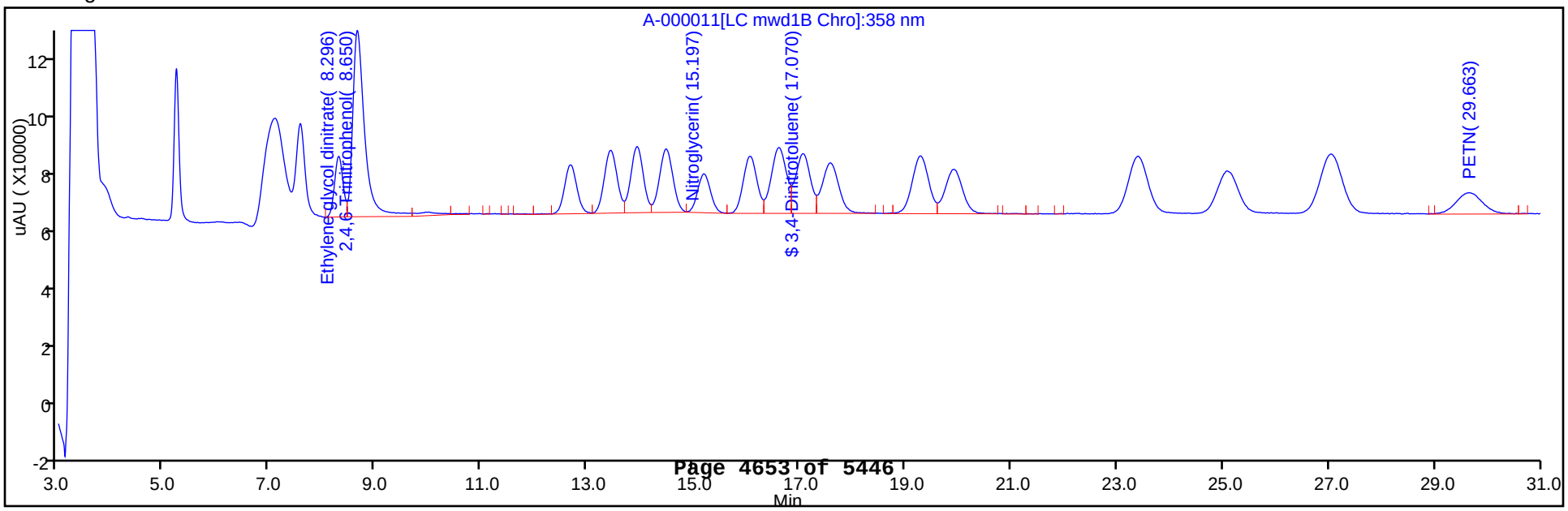
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000011.D		
Injection Date:	01-Sep-2012 15:10:52	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000012.D
Lims ID: STD07 Client ID:
Inject. Date: 01-Sep-2012 15:50:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 7
Sample ID: STD07 HP8330L7_00003 500ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 17
Lims Batch ID: 3377 Lims Sample ID: 8
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:57 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: noonanr Date: 12-Sep-2012 13:26:45

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.219	5.235	-0.016	60012	477.0	
19 RDX						
1	7.552	7.579	-0.027	38684	434.7	
3 Ethylene glycol dinitrate						
2	8.275	8.305	-0.030	46640	481.5	
10 2,4,6-Trinitrophenol						
2	8.589	8.685	-0.096	113505	921.6	
1	8.589	8.685	-0.096	76565	926.2	
27 1,3,5-Trinitrobenzene						
1	9.965	9.992	-0.027	75872	466.4	
24 1,3-Dinitrobenzene						
1	12.652	12.682	-0.030	75133	464.7	
9 3,5-Dinitroaniline						
1	13.406	13.449	-0.043	48539	467.1	
20 Tetryl						
1	13.912	13.939	-0.027	41709	481.9	
5 Nitrobenzene						
1	14.459	14.495	-0.036	33500	454.3	
7 Nitroglycerin						
2	15.172	15.202	-0.030	31323	482.7	
25 2,4,6-Trinitrotoluene						
1	16.046	16.069	-0.023	44540	480.0	
26 4-Amino-2,6-dinitrotoluene						
1	16.579	16.619	-0.040	36822	486.2	
$ 30 3,4-Dinitrotoluene						
1	17.032	17.072	-0.040	16552	293.9	
2	17.046	17.082	-0.036	30648	296.6	

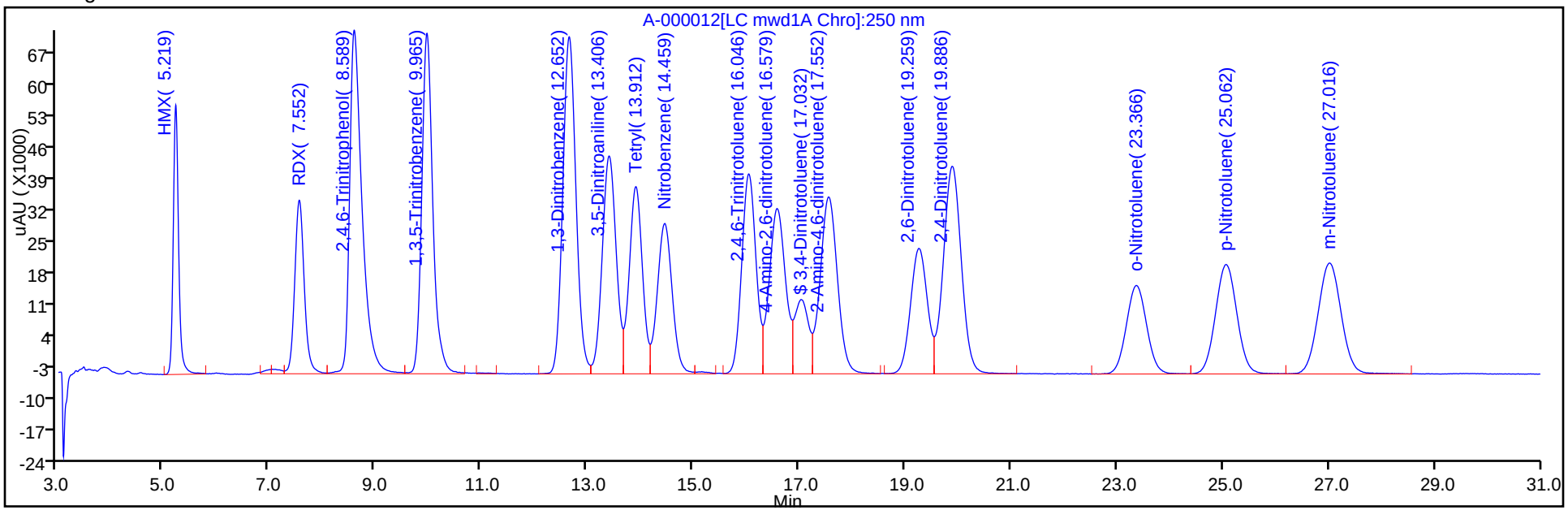
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.552	17.595	-0.043	39404	471.4	
12 2,6-Dinitrotoluene						
1	19.259	19.285	-0.026	27941	469.0	
23 2,4-Dinitrotoluene						
1	19.886	19.925	-0.039	46229	481.7	
16 o-Nitrotoluene						
1	23.366	23.415	-0.049	19740	443.0	
15 p-Nitrotoluene						
1	25.062	25.102	-0.040	24382	456.3	
8 m-Nitrotoluene						
1	27.016	27.052	-0.036	24716	458.3	
21 PETN						
2	29.619	29.649	-0.030	17810	485.0	

Report Date: 13-Sep-2012 10:19:57 Chrom Revision: 2.1 12-Sep-2012 21:43:20

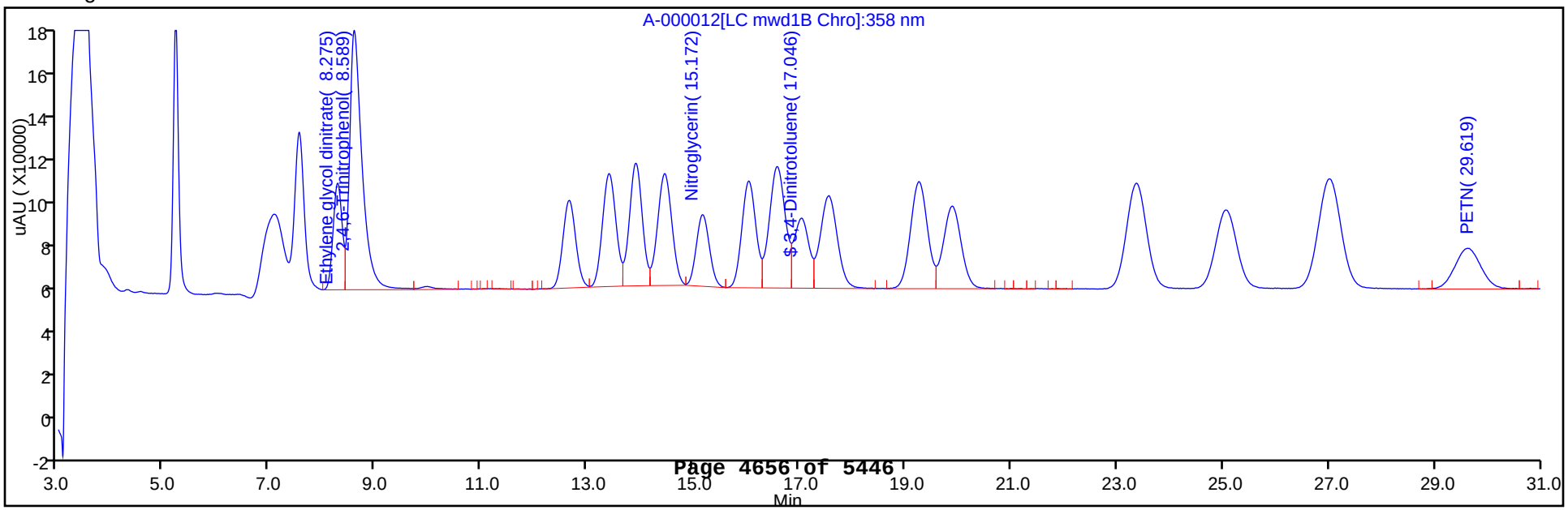
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000012.D		
Injection Date:	01-Sep-2012 15:50:51	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Lims ID: STD08 Client ID:
Inject. Date: 01-Sep-2012 16:31:00 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 8
Sample ID: STD08 HP8330L1_00003 1000ng/mL;1
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 18
Lims Batch ID: 3377 Lims Sample ID: 9
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:58 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: noonanr Date: 12-Sep-2012 13:31:32

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.195	5.235	-0.040	103824	825.3	
19 RDX						
1	7.512	7.579	-0.067	62894	706.8	
3 Ethylene glycol dinitrate						
2	8.245	8.305	-0.060	78274	808.1	
10 2,4,6-Trinitrophenol						
2	8.499	8.685	-0.186	192528	1563.2	
1	8.495	8.685	-0.190	130237	1575.4	
27 1,3,5-Trinitrobenzene						
1	9.925	9.992	-0.067	131741	809.9	
24 1,3-Dinitrobenzene						
1	12.602	12.682	-0.080	129194	799.1	
9 3,5-Dinitroaniline						
1	13.349	13.449	-0.100	83656	805.1	
20 Tetryl						
1	13.866	13.939	-0.073	78184	903.3	
5 Nitrobenzene						
1	14.399	14.495	-0.096	58527	793.7	
7 Nitroglycerin						
2	15.126	15.202	-0.076	56481	870.5	
25 2,4,6-Trinitrotoluene						
1	16.002	16.069	-0.067	82556	889.7	
26 4-Amino-2,6-dinitrotoluene						
1	16.519	16.619	-0.100	66457	877.5	
$ 30 3,4-Dinitrotoluene						
1	16.972	17.072	-0.100	26867	477.1	
2	16.982	17.082	-0.100	48479	469.2	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.489	17.595	-0.106	70652	845.2	
12 2,6-Dinitrotoluene						
1	19.199	19.285	-0.086	51202	859.4	
23 2,4-Dinitrotoluene						
1	19.829	19.925	-0.096	84833	884.0	
16 o-Nitrotoluene						
1	23.292	23.415	-0.123	36585	821.1	
15 p-Nitrotoluene						
1	24.989	25.102	-0.113	45695	855.2	
8 m-Nitrotoluene						
1	26.939	27.052	-0.113	46712	866.1	
21 PETN						
2	29.569	29.649	-0.080	34728	945.6	

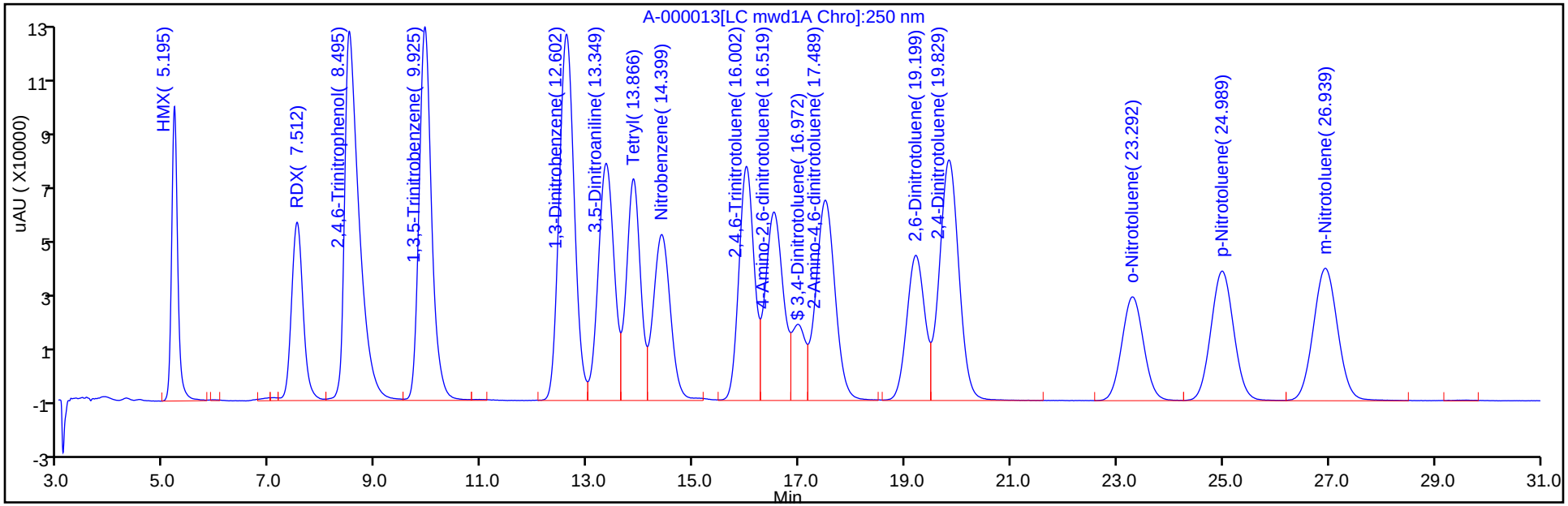
Report Date: 13-Sep-2012 10:19:58 Chrom Revision: 2.1 12-Sep-2012 21:43:20

TestAmerica West Sacramento

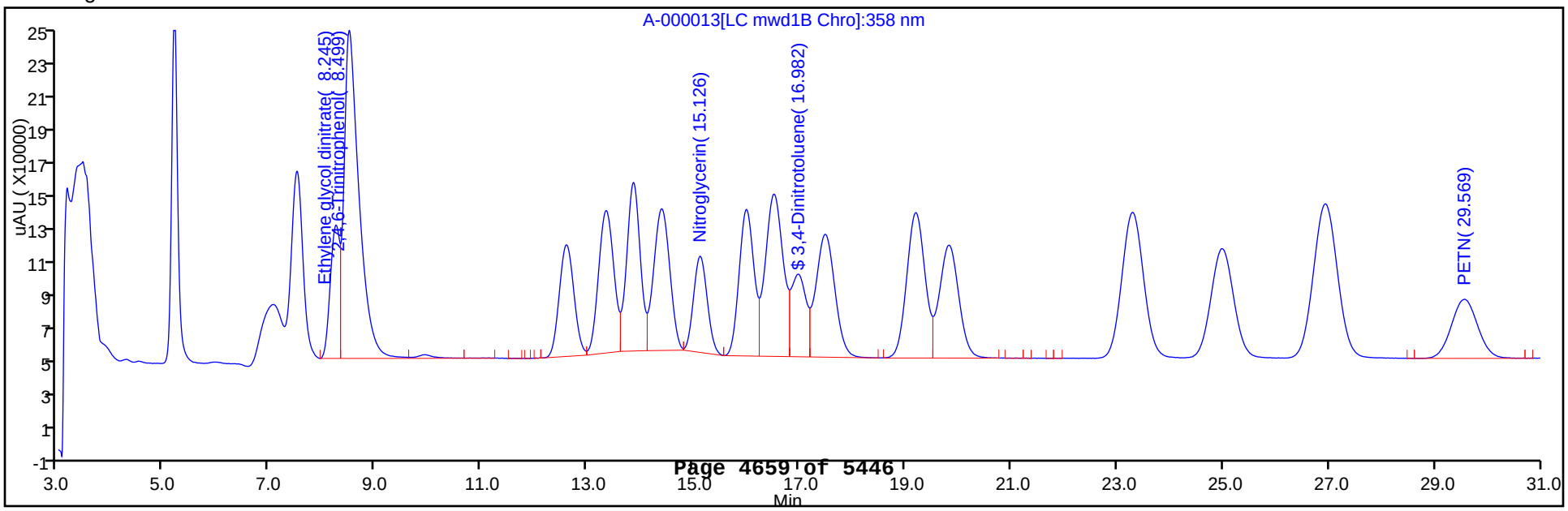
Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D

Injection Date:	01-Sep-2012 16:31:00	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	9
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 4221

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2012 12:30 Calibration End Date: 10/01/2012 20:08 Calibration ID: 1330

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-4221/2	C-000004.D
Level 2	STD02 320-4221/3	C-000005.D
Level 3	STD03 320-4221/4	C-000006.D
Level 4	STD04 320-4221/5	C-000007.D
Level 5	STD05 320-4221/6	C-000008.D
Level 6	STD06 320-4221/7	C-000009.D
Level 7	STD07 320-4221/8	C-000010.D
Level 8	STD08 320-4221/9	C-000011.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7	LVL 8			RT WINDOW	AVG RT
Nitrobenzene	21.445	21.475	21.441	21.416	21.424	21.418	21.377	21.419			21.195 - 21.695	21.427
Ethylene glycol dinitrate	+++++	+++++	22.331	22.363	22.354	22.341	22.310	22.305			22.139 - 22.639	22.343
1,3-Dinitrobenzene	24.385	24.365	24.371	24.346	24.360	24.341	24.310	24.362			24.135 - 24.635	24.355
1,3,5-Trinitrobenzene	26.912	26.898	26.881	26.863	26.877	26.851	26.824	26.872			26.639 - 27.139	26.872
2-Nitrotoluene	28.422	28.458	28.421	28.406	28.430	28.398	28.384	+++++			28.212 - 28.712	28.423
4-Nitrotoluene	28.422	28.458	28.421	28.406	28.430	28.398	28.384	+++++			28.212 - 28.712	28.423
3-Nitrotoluene	29.035	29.018	28.985	28.979	28.994	28.958	28.934				28.782 - 29.282	28.986
3,5-Dinitroaniline	30.502	30.518	30.471	30.463	30.480	30.451	30.440	30.512			30.275 - 30.775	30.480
RDX	31.199	31.168	31.141	31.126	31.134	31.105	31.094	31.139			30.939 - 31.439	31.138
2,4-Dinitrotoluene	32.099	32.095	32.058	32.039	32.060	32.025	32.017	32.089			31.849 - 32.349	32.060
2,6-Dinitrotoluene	33.079	33.078	33.008	33.016	33.030	32.991	32.990	33.062			32.825 - 33.325	33.032
2-Amino-4,6-dinitrotoluene	35.235	35.242	35.205	35.183	35.194	35.158	35.164	35.255			35.015 - 35.515	35.205
4-Amino-2,6-dinitrotoluene	35.829	35.835	35.761	35.766	35.774	35.731	35.734	35.789			35.599 - 36.099	35.777
2,4,6-Trinitrotoluene	39.622	39.598	39.571	39.556	39.560	39.538	39.544	39.605			39.365 - 39.865	39.574
HMX	41.772	41.778	41.738	41.746	41.740	41.715	41.727	41.779			41.552 - 42.052	41.749
Nitroglycerin	+++++	+++++	44.121	44.129	44.130	44.108	44.117	44.189			43.935 - 44.435	44.138
Tetryl	45.955	45.932	45.908	45.922	45.920	45.905	45.910	46.005			45.735 - 46.235	45.932
PETN	+++++	+++++	52.631	52.626	52.630	52.628	52.630	52.702			52.422 - 52.922	52.642
3,4-Dinitrotoluene	37.689	37.632	37.618	37.606	37.604	37.571	37.577	37.652			37.425 - 37.925	37.619

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 4221

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2012 12:30 Calibration End Date: 10/01/2012 20:08 Calibration ID: 1330

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-4221/2	C-000004.D
Level 2	STD02 320-4221/3	C-000005.D
Level 3	STD03 320-4221/4	C-000006.D
Level 4	STD04 320-4221/5	C-000007.D
Level 5	STD05 320-4221/6	C-000008.D
Level 6	STD06 320-4221/7	C-000009.D
Level 7	STD07 320-4221/8	C-000010.D
Level 8	STD08 320-4221/9	C-000011.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
Nitrobenzene	54.800 46.890	50.700 45.370	48.500 40.138	46.600 31.779	Ave		45.5971250				15.0		20.0			
Ethylene glycol dinitrate	+++++ 22.530	+++++ 21.415	24.850 19.432	22.220 16.105	Ave		21.0920000				14.0		20.0			
1,3-Dinitrobenzene	116.60 101.54	111.70 99.195	107.55 90.810	101.82 73.865	Ave		100.385000				13.0		20.0			
1,3,5-Trinitrobenzene	89.800 78.710	86.800 77.705	82.350 73.146	78.660 62.902	Ave		78.7591250				11.0		20.0			
2-Nitrotoluene	69.400 59.540	64.900 58.370	62.050 53.264	58.720 +++++	Ave		60.8920000				8.5		20.0			
4-Nitrotoluene	69.400 59.540	64.900 58.370	62.050 53.264	58.720 +++++	Ave		60.8920000				8.5		20.0			
3-Nitrotoluene	48.600 38.990	43.000 38.320	41.150 35.354	38.240	Ave		40.5220000				11.0		20.0			
3,5-Dinitroaniline	93.000 79.640	88.100 78.470	84.950 72.796	80.000 60.329	Ave		79.6606250				13.0		20.0			
RDX	58.000 46.850	51.800 45.810	49.950 42.648	46.880 35.987	Ave		47.2406250				14.0		20.0			
2,4-Dinitrotoluene	110.80 90.950	101.90 89.515	96.400 84.300	90.960 71.751	Ave		92.0720000				13.0		20.0			
2,6-Dinitrotoluene	64.200 53.720	60.800 53.020	56.800 49.932	53.680 42.712	Ave		54.3580000				12.0		20.0			
2-Amino-4,6-dinitrotoluene	98.000 73.810	81.500 72.935	78.000 69.376	73.920 59.533	Ave		75.8842500				15.0		20.0			
4-Amino-2,6-dinitrotoluene	75.600 61.640	69.800 61.325	64.550 58.766	61.960 51.500	Ave		63.1426250				11.0		20.0			
2,4,6-Trinitrotoluene	79.400 73.430	79.400 73.045	76.100 71.404	72.420 65.557	Ave		73.8445000				6.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 4221

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2012 12:30 Calibration End Date: 10/01/2012 20:08 Calibration ID: 1330

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3 LVL 7	LVL 4 LVL 8		B	M1	M2								
HMX	71.600 60.610	69.700 60.315	63.300 59.062	61.020 53.842	Ave		62.4311250				9.2		20.0			
Nitroglycerin	+++++ 86.810	+++++ 86.870	94.150 85.430	87.360 78.528	Ave		86.5246667				5.8		20.0			
Tetryl	128.00 114.53	124.90 114.50	118.50 114.33	113.80 107.97	Ave		117.066375				5.6		20.0			
PETN	+++++ 152.19	+++++ 150.21	155.05 151.75	149.94 150.08	Ave		151.536167				1.3		20.0			
3,4-Dinitrotoluene	61.800 46.460	53.200 45.165	49.750 44.800	45.940 39.392	Ave		48.3133750				14.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 4221

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2012 12:30 Calibration End Date: 10/01/2012 20:08 Calibration ID: 1330

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD01 320-4221/2	C-000004.D
Level 2	STD02 320-4221/3	C-000005.D
Level 3	STD03 320-4221/4	C-000006.D
Level 4	STD04 320-4221/5	C-000007.D
Level 5	STD05 320-4221/6	C-000008.D
Level 6	STD06 320-4221/7	C-000009.D
Level 7	STD07 320-4221/8	C-000010.D
Level 8	STD08 320-4221/9	C-000011.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Nitrobenzene	Ave	274 9074	507 20069	970 31779	2330	4689	5.00 200	10.0 500	20.0 1000	50.0	100
Ethylene glycol dinitrate	Ave	+++++ 4283	+++++ 9716	497 16105	1111	2253	+++++ 200	+++++ 500	20.0 1000	50.0	100
1,3-Dinitrobenzene	Ave	583 19839	1117 45405	2151 73865	5091	10154	5.00 200	10.0 500	20.0 1000	50.0	100
1,3,5-Trinitrobenzene	Ave	449 15541	868 36573	1647 62902	3933	7871	5.00 200	10.0 500	20.0 1000	50.0	100
2-Nitrotoluene	Ave	347 11674	649 26632	1241 +++++	2936	5954	5.00 200	10.0 500	20.0 +++++	50.0	100
4-Nitrotoluene	Ave	347 11674	649 26632	1241 +++++	2936	5954	5.00 200	10.0 500	20.0 +++++	50.0	100
3-Nitrotoluene	Ave	243 7664	430 17677	823	1912	3899	5.00 200	10.0 500	20.0	50.0	100
3,5-Dinitroaniline	Ave	465 15694	881 36398	1699 60329	4000	7964	5.00 200	10.0 500	20.0 1000	50.0	100
RDX	Ave	290 9162	518 21324	999 35987	2344	4685	5.00 200	10.0 500	20.0 1000	50.0	100
2,4-Dinitrotoluene	Ave	554 17903	1019 42150	1928 71751	4548	9095	5.00 200	10.0 500	20.0 1000	50.0	100
2,6-Dinitrotoluene	Ave	321 10604	608 24966	1136 42712	2684	5372	5.00 200	10.0 500	20.0 1000	50.0	100
2-Amino-4,6-dinitrotoluene	Ave	490 14587	815 34688	1560 59533	3696	7381	5.00 200	10.0 500	20.0 1000	50.0	100
4-Amino-2,6-dinitrotoluene	Ave	378 12265	698 29383	1291 51500	3098	6164	5.00 200	10.0 500	20.0 1000	50.0	100
2,4,6-Trinitrotoluene	Ave	397 14609	794 35702	1522 65557	3621	7343	5.00 200	10.0 500	20.0 1000	50.0	100
HMX	Ave	358 12063	697 29531	1266 53842	3051	6061	5.00 200	10.0 500	20.0 1000	50.0	100

FORM VI
HPLC/IC INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1 Analy Batch No.: 4221

SDG No.:

Instrument ID: LC12 GC Column: Zorbax CN ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/01/2012 12:30 Calibration End Date: 10/01/2012 20:08 Calibration ID: 1330

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Nitroglycerin	Ave	+++++ 17374	+++++ 42715	1883 78528	4368	8681	+++++ 200	+++++ 500	20.0 1000	50.0	100
Tetryl	Ave	640 22900	1249 57167	2370 107967	5690	11453	5.00 200	10.0 500	20.0 1000	50.0	100
PETN	Ave	+++++ 30042	+++++ 75876	3101 150075	7497	15219	+++++ 200	+++++ 500	20.0 1000	50.0	100
3,4-Dinitrotoluene	Ave	309 9033	532 13440	995 19696	2297	4646	5.00 200	10.0 300	20.0 500	50.0	100

Curve Type Legend:
Ave = Average by Height

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000004.D		
Lims ID:	STD01	Client ID:	
Inject. Date:	01-Oct-2012 12:30:50	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	HP8330L1_00004 5ng/mL;1;320-0000975-002		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	11
Lims Batch ID:	4221	Lims Sample ID:	2
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:27	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:00:41

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.445	21.445	0.0	274	6.01	
3 Ethylene glycol dinitrate						
2	22.385	22.389	-0.004	212	10.1	
24 1,3-Dinitrobenzene						
1	24.385	24.385	0.0	583	5.81	
27 1,3,5-Trinitrobenzene						
1	26.912	26.889	0.023	449	5.70	
16 o-Nitrotoluene						
1	28.422	28.462	-0.040	347	5.70	
15 p-Nitrotoluene						
1	28.422	28.462	-0.040	347	5.70	
8 m-Nitrotoluene						
1	29.035	29.032	0.003	243	6.00	
9 3,5-Dinitroaniline						
1	30.502	30.525	-0.023	465	5.84	
19 RDX						
1	31.199	31.189	0.010	290	6.14	
23 2,4-Dinitrotoluene						
1	32.099	32.099	0.0	554	6.02	
12 2,6-Dinitrotoluene						
1	33.079	33.075	0.004	321	5.91	
6 2-Amino-4,6-dinitrotoluene						
1	35.235	35.265	-0.030	490	6.46	
26 4-Amino-2,6-dinitrotoluene						
1	35.829	35.849	-0.020	378	5.99	
$ 30 3,4-Dinitrotoluene						
1	37.689	37.675	0.014	309	6.40	

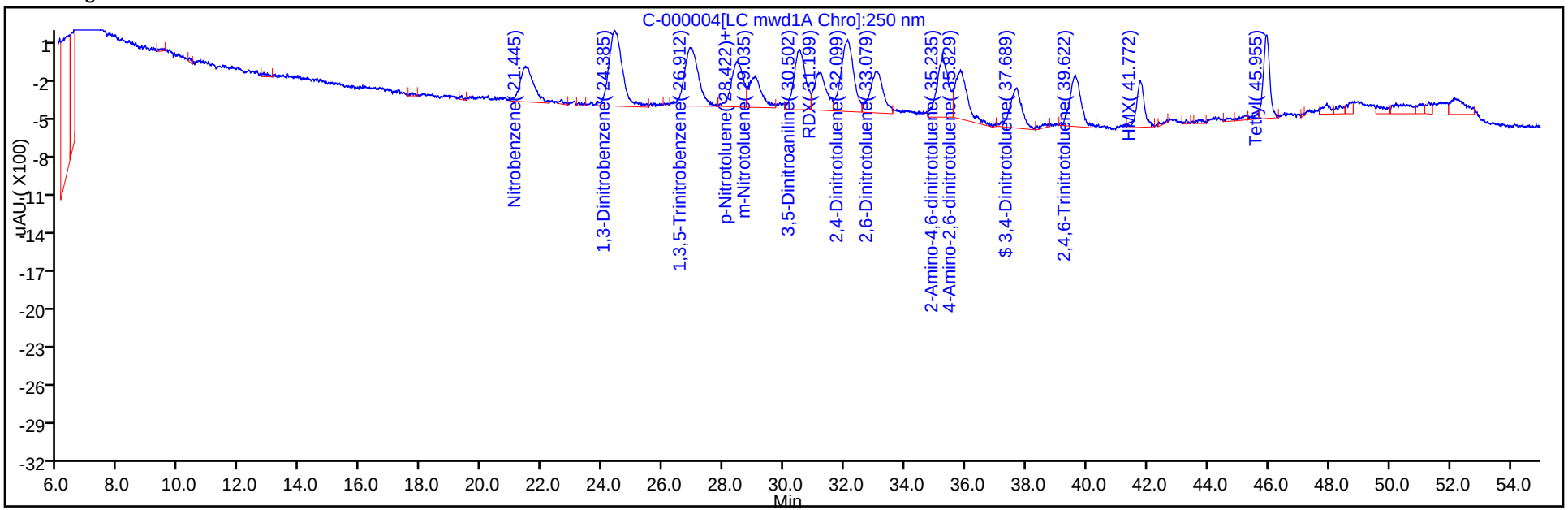
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.622	39.615	0.007	397	5.38	
11 HMX						
1	41.772	41.802	-0.030	358	5.73	
7 Nitroglycerin						
2	44.162	44.185	-0.023	528	6.10	
20 Tetryl						
1	45.955	45.985	-0.030	640	5.47	
21 PETN						
2	52.649	52.672	-0.023	841	5.55	

Report Date: 02-Oct-2012 13:09:28 Chrom Revision: 2.1 28-Sep-2012 12:22:52

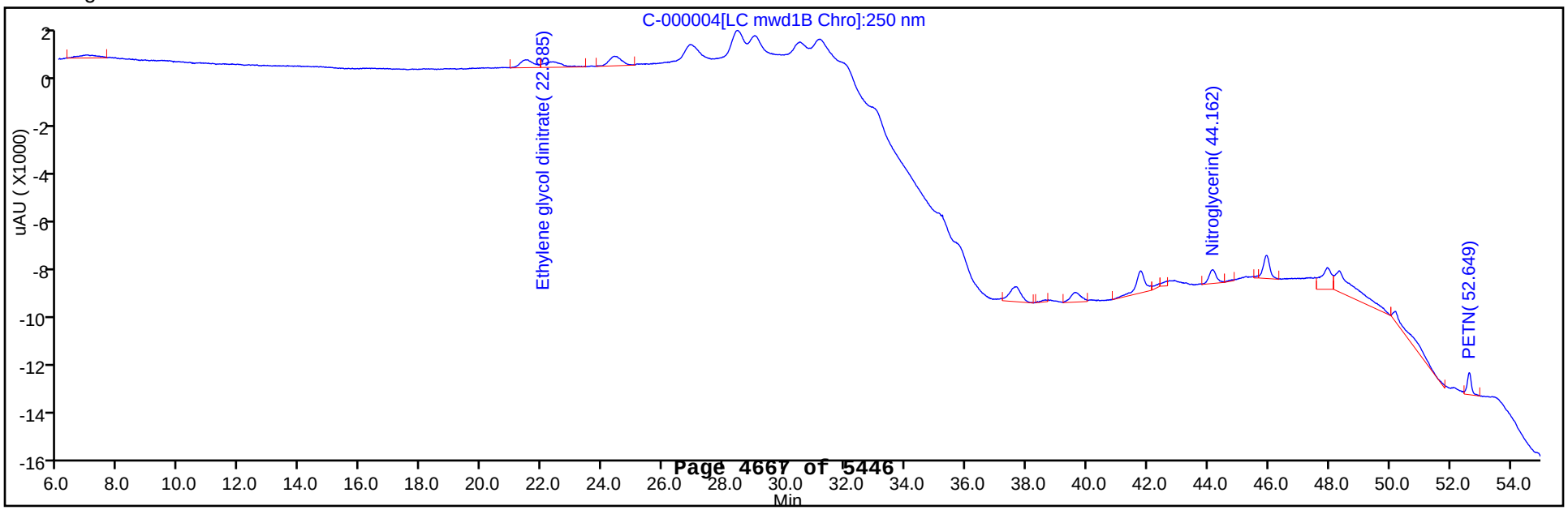
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000004.D		
Injection Date:	01-Oct-2012 12:30:50	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	2
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000005.D		
Lims ID:	STD02	Client ID:	
Inject. Date:	01-Oct-2012 13:36:10	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	HP8330L2_00003 10ng/mL;1;320-0000975-003		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	12
Lims Batch ID:	4221	Lims Sample ID:	3
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:28	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:00:50

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.475	21.445	0.030	507	11.1	
3 Ethylene glycol dinitrate						
2	22.352	22.389	-0.037	295	14.0	
24 1,3-Dinitrobenzene						
1	24.365	24.385	-0.020	1117	11.1	
27 1,3,5-Trinitrobenzene						
1	26.898	26.889	0.009	868	11.0	
16 o-Nitrotoluene						
1	28.458	28.462	-0.004	649	10.7	
15 p-Nitrotoluene						
1	28.458	28.462	-0.004	649	10.7	
8 m-Nitrotoluene						
1	29.018	29.032	-0.014	430	10.6	
9 3,5-Dinitroaniline						
1	30.518	30.525	-0.007	881	11.1	
19 RDX						
1	31.168	31.189	-0.021	518	11.0	
23 2,4-Dinitrotoluene						
1	32.095	32.099	-0.004	1019	11.1	
12 2,6-Dinitrotoluene						
1	33.078	33.075	0.003	608	11.2	
6 2-Amino-4,6-dinitrotoluene						
1	35.242	35.265	-0.023	815	10.7	
26 4-Amino-2,6-dinitrotoluene						
1	35.835	35.849	-0.014	698	11.1	
$ 30 3,4-Dinitrotoluene						
1	37.632	37.675	-0.043	532	11.0	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.598	39.615	-0.017	794	10.8	
11 HMX						
1	41.778	41.802	-0.024	697	11.2	
7 Nitroglycerin						
2	44.145	44.185	-0.040	984	11.4	
20 Tetryl						
1	45.932	45.985	-0.053	1249	10.7	
21 PETN						
2	52.638	52.672	-0.034	1595	10.5	

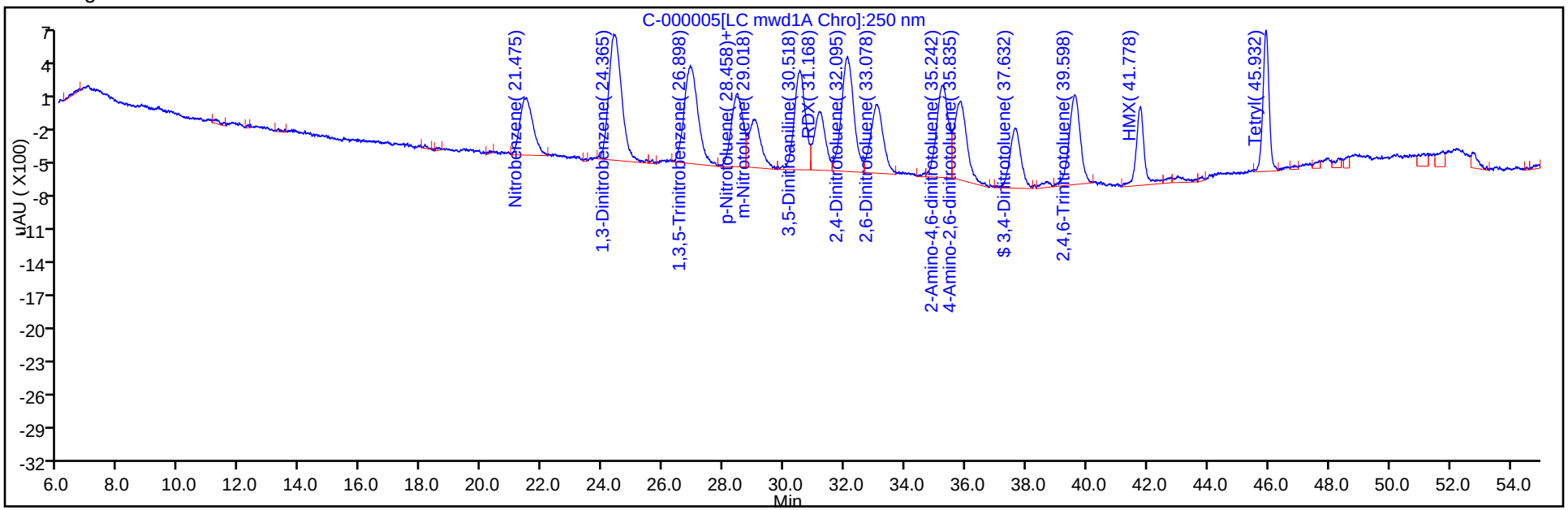
Report Date: 02-Oct-2012 13:09:29 Chrom Revision: 2.1 28-Sep-2012 12:22:52

TestAmerica West Sacramento

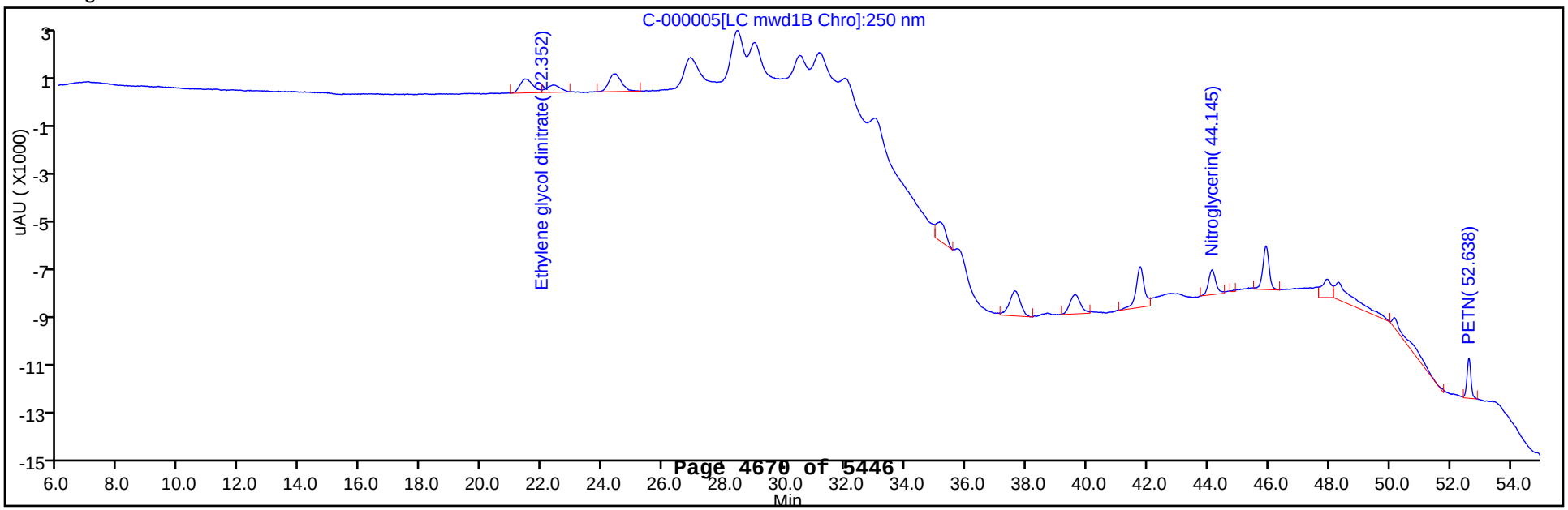
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Injection Date:	01-Oct-2012 13:36:10	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000006.D		
Lims ID:	STD03	Client ID:	
Inject. Date:	01-Oct-2012 14:41:28	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	HP8330L3_00003 20ng/mL;1;320-0000975-004		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	13
Lims Batch ID:	4221	Lims Sample ID:	4
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:29	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:00:57

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.441	21.445	-0.004	970	21.3	
3 Ethylene glycol dinitrate						
2	22.331	22.389	-0.058	497	23.6	
24 1,3-Dinitrobenzene						
1	24.371	24.385	-0.014	2151	21.4	
27 1,3,5-Trinitrobenzene						
1	26.881	26.889	-0.008	1647	20.9	
16 o-Nitrotoluene						
1	28.421	28.462	-0.041	1241	20.4	
15 p-Nitrotoluene						
1	28.421	28.462	-0.041	1241	20.4	
8 m-Nitrotoluene						
1	28.985	29.032	-0.047	823	20.3	
9 3,5-Dinitroaniline						
1	30.471	30.525	-0.054	1699	21.3	
19 RDX						
1	31.141	31.189	-0.048	999	21.1	
23 2,4-Dinitrotoluene						
1	32.058	32.099	-0.041	1928	20.9	
12 2,6-Dinitrotoluene						
1	33.008	33.075	-0.067	1136	20.9	
6 2-Amino-4,6-dinitrotoluene						
1	35.205	35.265	-0.060	1560	20.6	
26 4-Amino-2,6-dinitrotoluene						
1	35.761	35.849	-0.088	1291	20.4	
$ 30 3,4-Dinitrotoluene						
1	37.618	37.675	-0.057	995	20.6	

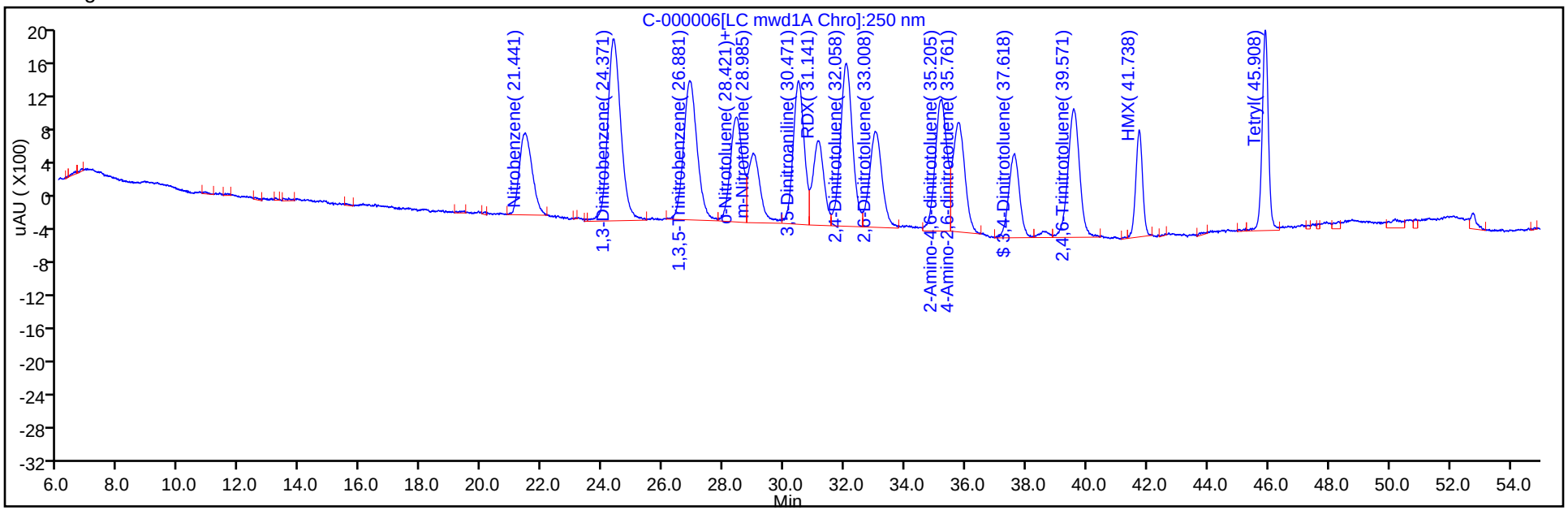
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.571	39.615	-0.044	1522	20.6	
11 HMX						
1	41.738	41.802	-0.064	1266	20.3	
7 Nitroglycerin						
2	44.121	44.185	-0.064	1883	21.8	
20 Tetryl						
1	45.908	45.985	-0.077	2370	20.2	
21 PETN						
2	52.631	52.672	-0.041	3101	20.5	

Report Date: 02-Oct-2012 13:09:30 Chrom Revision: 2.1 28-Sep-2012 12:22:52

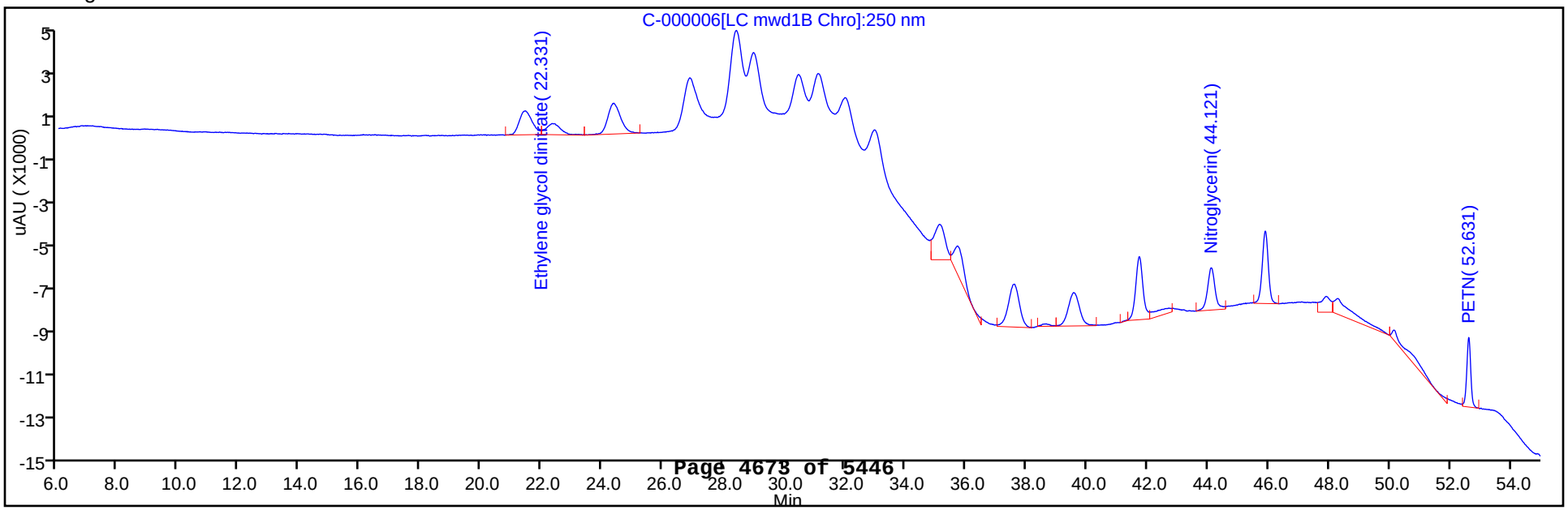
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000006.D		
Injection Date:	01-Oct-2012 14:41:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000007.D		
Lims ID:	STD04	Client ID:	
Inject. Date:	01-Oct-2012 15:46:48	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	HP8330L4_00003 50ng/mL;1;320-0000975-005		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	14
Lims Batch ID:	4221	Lims Sample ID:	5
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:30	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:01:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.416	21.445	-0.029	2330	51.1	
3 Ethylene glycol dinitrate						
2	22.363	22.389	-0.026	1111	52.7	
24 1,3-Dinitrobenzene						
1	24.346	24.385	-0.039	5091	50.7	
27 1,3,5-Trinitrobenzene						
1	26.863	26.889	-0.026	3933	49.9	
16 o-Nitrotoluene						
1	28.406	28.462	-0.056	2936	48.2	
15 p-Nitrotoluene						
1	28.406	28.462	-0.056	2936	48.2	
8 m-Nitrotoluene						
1	28.979	29.032	-0.053	1912	47.2	
9 3,5-Dinitroaniline						
1	30.463	30.525	-0.062	4000	50.2	
19 RDX						
1	31.126	31.189	-0.063	2344	49.6	
23 2,4-Dinitrotoluene						
1	32.039	32.099	-0.060	4548	49.4	
12 2,6-Dinitrotoluene						
1	33.016	33.075	-0.059	2684	49.4	
6 2-Amino-4,6-dinitrotoluene						
1	35.183	35.265	-0.082	3696	48.7	
26 4-Amino-2,6-dinitrotoluene						
1	35.766	35.849	-0.083	3098	49.1	
$ 30 3,4-Dinitrotoluene						
1	37.606	37.675	-0.069	2297	47.5	

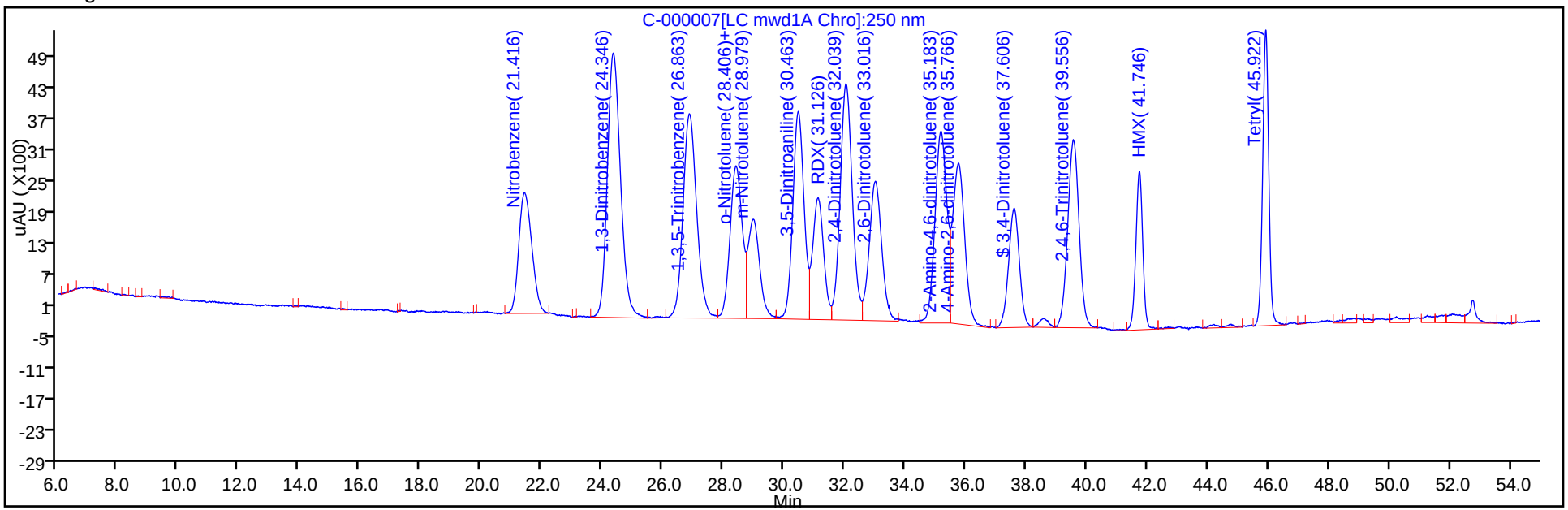
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.556	39.615	-0.059	3621	49.0	
11 HMX						
1	41.746	41.802	-0.056	3051	48.9	
7 Nitroglycerin						
2	44.129	44.185	-0.056	4368	50.5	
20 Tetryl						
1	45.922	45.985	-0.063	5690	48.6	
21 PETN						
2	52.626	52.672	-0.046	7497	49.5	

Report Date: 02-Oct-2012 13:09:31 Chrom Revision: 2.1 28-Sep-2012 12:22:52

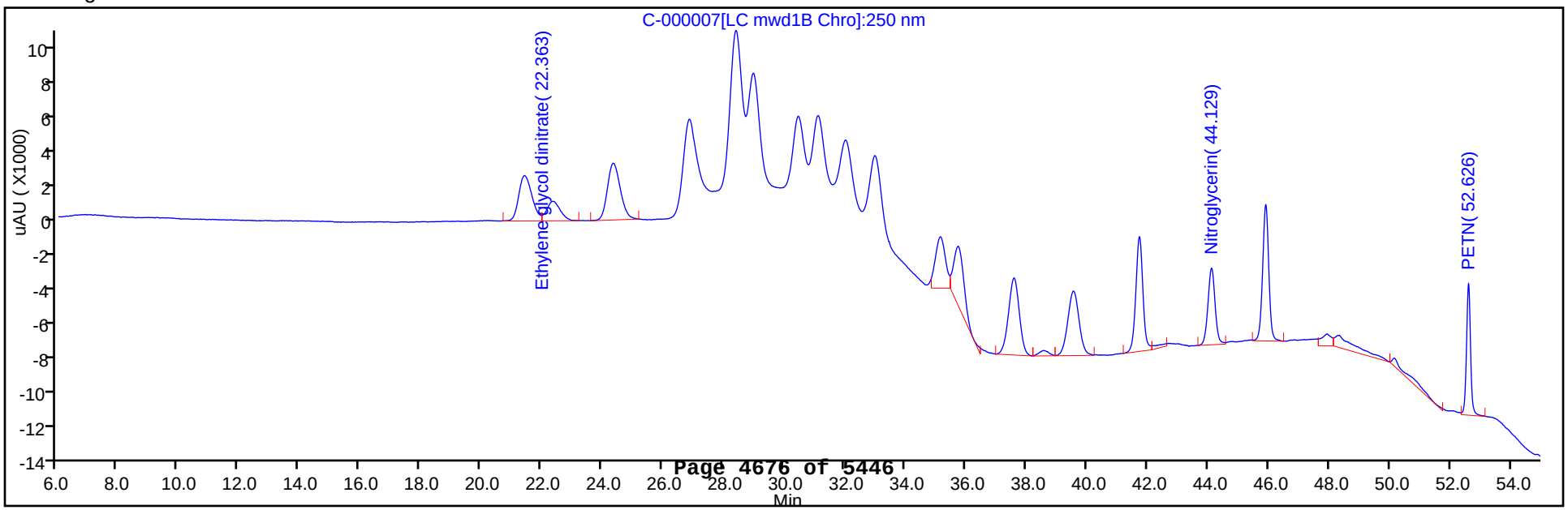
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000007.D		
Injection Date:	01-Oct-2012 15:46:48	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000008.D		
Lims ID:	STD05	Client ID:	
Inject. Date:	01-Oct-2012 16:52:25	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	HP8330L5_00004 ;1;320-0000975-006		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	15
Lims Batch ID:	4221	Lims Sample ID:	6
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:31	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:01:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.424	21.424	0.0	4689	102.8	
3 Ethylene glycol dinitrate						
2	22.354	22.354	0.0	2253	106.8	
24 1,3-Dinitrobenzene						
1	24.360	24.360	0.0	10154	101.2	
27 1,3,5-Trinitrobenzene						
1	26.877	26.877	0.0	7871	99.9	
16 o-Nitrotoluene						
1	28.430	28.430	0.0	5954	97.8	
15 p-Nitrotoluene						
1	28.430	28.430	0.0	5954	97.8	
8 m-Nitrotoluene						
1	28.994	28.994	0.0	3899	96.2	
9 3,5-Dinitroaniline						
1	30.480	30.480	0.0	7964	100.0	
19 RDX						
1	31.134	31.134	0.0	4685	99.2	
23 2,4-Dinitrotoluene						
1	32.060	32.060	0.0	9095	98.8	
12 2,6-Dinitrotoluene						
1	33.030	33.030	0.0	5372	98.8	
6 2-Amino-4,6-dinitrotoluene						
1	35.194	35.194	0.0	7381	97.3	
26 4-Amino-2,6-dinitrotoluene						
1	35.774	35.774	0.0	6164	97.6	
$ 30 3,4-Dinitrotoluene						
1	37.604	37.604	0.0	4646	96.2	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.560	39.560	0.0	7343	99.4	
11 HMX						
1	41.740	41.740	0.0	6061	97.1	
7 Nitroglycerin						
2	44.130	44.130	0.0	8681	100.3	
20 Tetryl						
1	45.920	45.920	0.0	11453	97.8	
21 PETN						
2	52.630	52.630	0.0	15219	100.4	

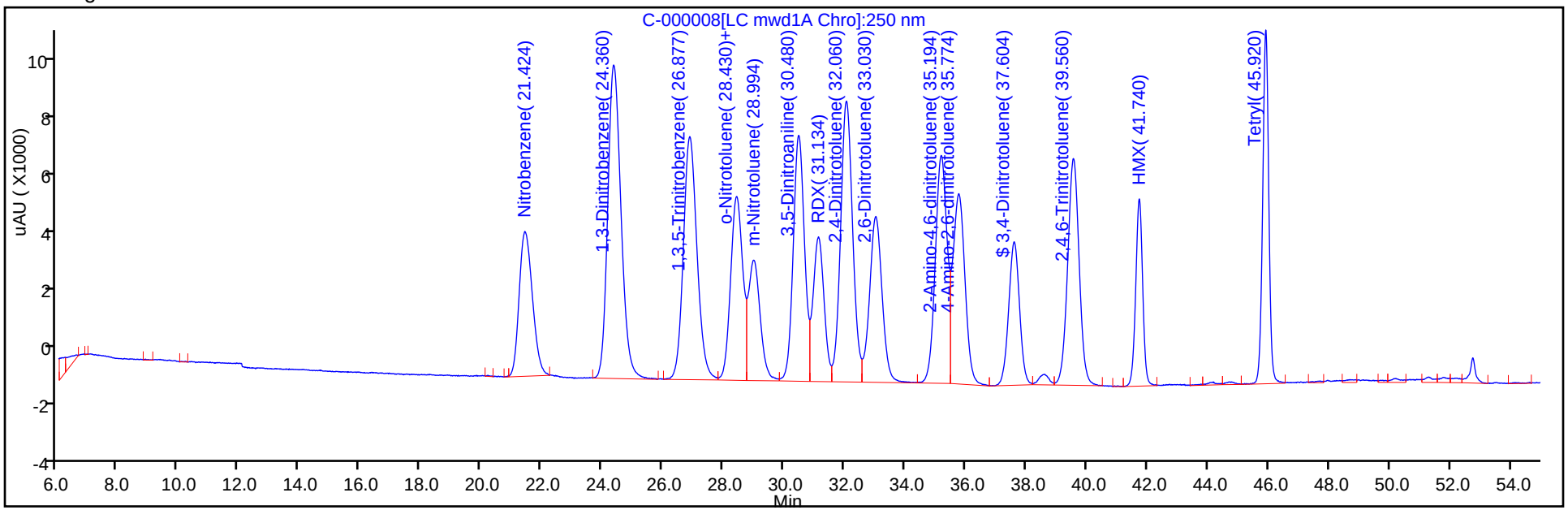
Report Date: 02-Oct-2012 13:09:32 Chrom Revision: 2.1 28-Sep-2012 12:22:52

TestAmerica West Sacramento

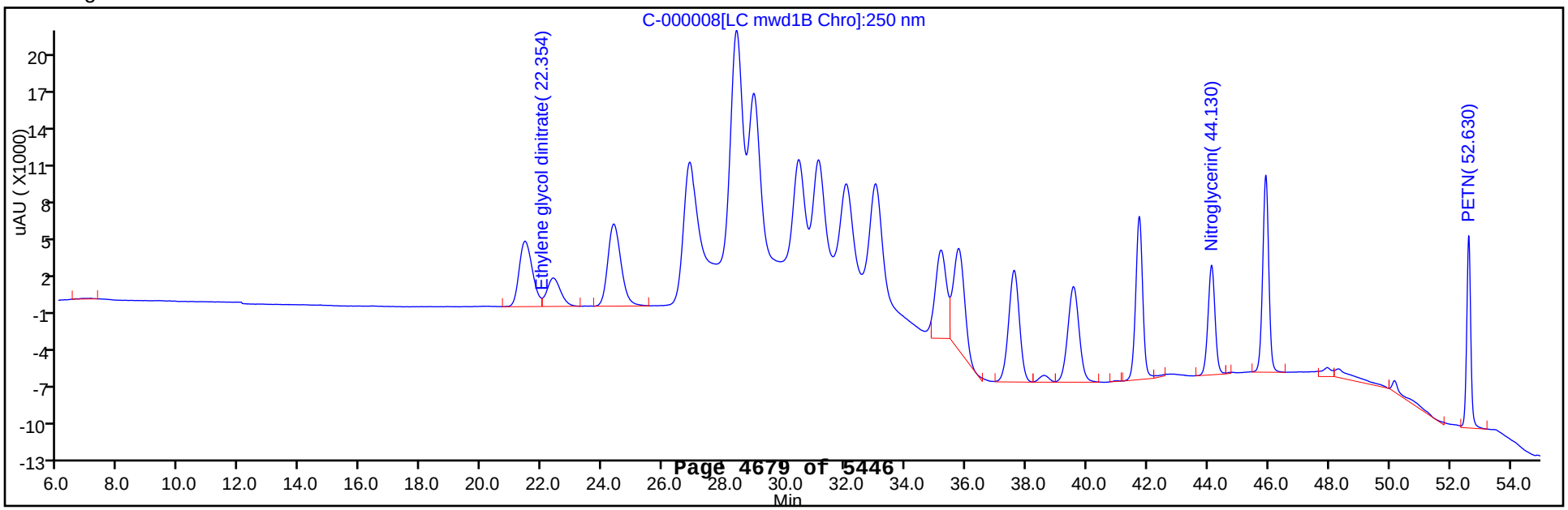
Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000008.D

Injection Date:	01-Oct-2012 16:52:25	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	6
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000009.D		
Lims ID:	STD06	Client ID:	
Inject. Date:	01-Oct-2012 17:57:45	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	HP8330L6_00004 ;1;320-0000975-007		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	16
Lims Batch ID:	4221	Lims Sample ID:	7
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:32	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:01:18

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.418	21.424	-0.006	9074	199.0	
3 Ethylene glycol dinitrate						
2	22.341	22.354	-0.013	4283	203.1	
24 1,3-Dinitrobenzene						
1	24.341	24.360	-0.019	19839	197.6	
27 1,3,5-Trinitrobenzene						
1	26.851	26.877	-0.026	15541	197.3	
16 o-Nitrotoluene						
1	28.398	28.430	-0.032	11674	191.7	
15 p-Nitrotoluene						
1	28.398	28.430	-0.032	11674	191.7	
8 m-Nitrotoluene						
1	28.958	28.994	-0.036	7664	189.1	
9 3,5-Dinitroaniline						
1	30.451	30.480	-0.029	15694	197.0	
19 RDX						
1	31.105	31.134	-0.029	9162	193.9	
23 2,4-Dinitrotoluene						
1	32.025	32.060	-0.035	17903	194.4	
12 2,6-Dinitrotoluene						
1	32.991	33.030	-0.039	10604	195.1	
6 2-Amino-4,6-dinitrotoluene						
1	35.158	35.194	-0.036	14587	192.2	
26 4-Amino-2,6-dinitrotoluene						
1	35.731	35.774	-0.043	12265	194.2	
$ 30 3,4-Dinitrotoluene						
1	37.571	37.604	-0.033	9033	187.0	

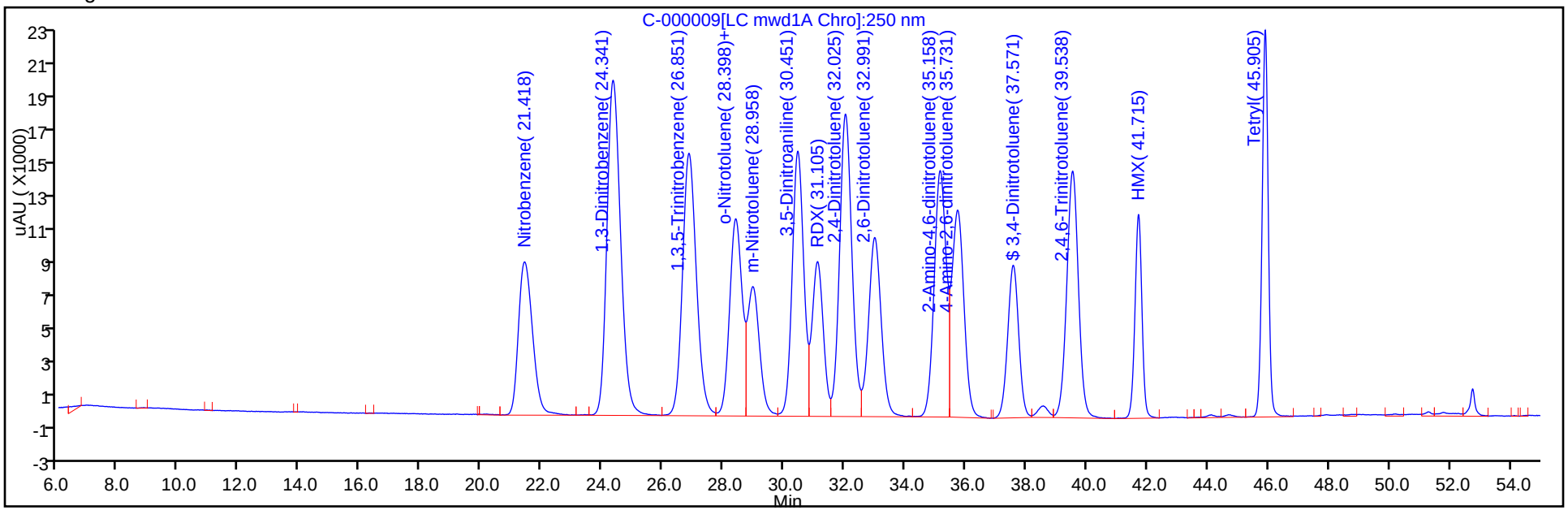
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.538	39.560	-0.022	14609	197.8	
11 HMX						
1	41.715	41.740	-0.025	12063	193.2	
7 Nitroglycerin						
2	44.108	44.130	-0.022	17374	200.8	
20 Tetryl						
1	45.905	45.920	-0.015	22900	195.6	
21 PETN						
2	52.628	52.630	-0.002	30042	198.2	

Report Date: 02-Oct-2012 13:09:33 Chrom Revision: 2.1 28-Sep-2012 12:22:52

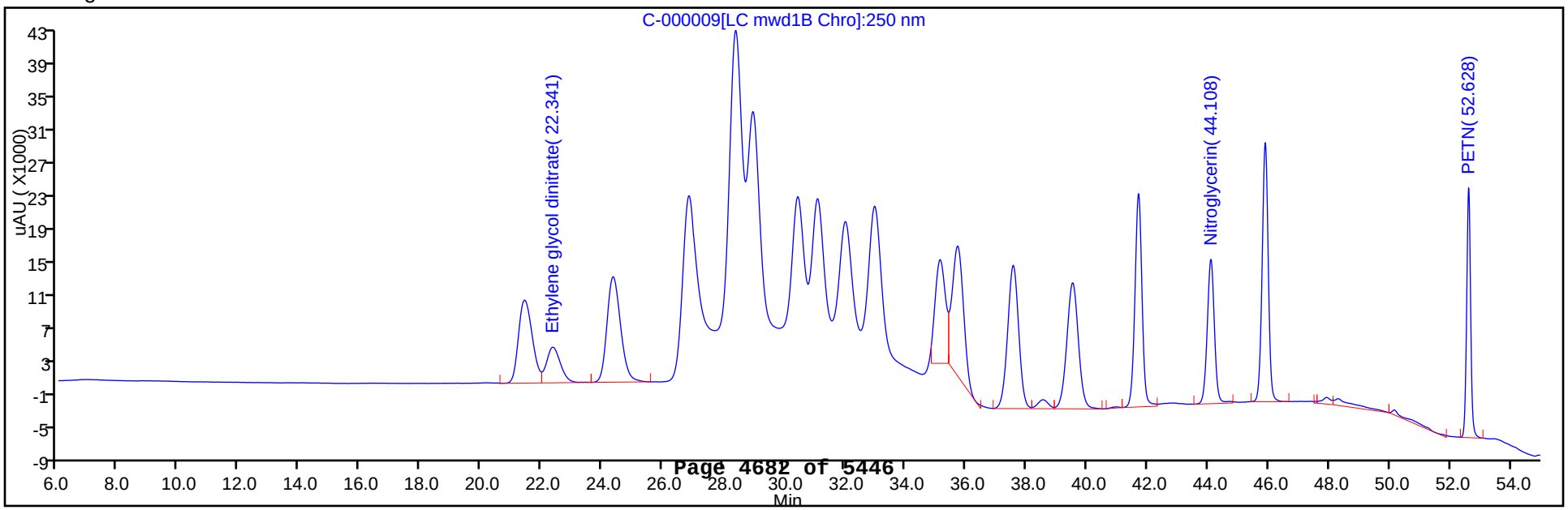
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000009.D		
Injection Date:	01-Oct-2012 17:57:45	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	7
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000010.D		
Lims ID:	STD07	Client ID:	
Inject. Date:	01-Oct-2012 19:03:03	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	HP8330L7_00003 ;1;320-0000975-008		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	17
Lims Batch ID:	4221	Lims Sample ID:	8
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m		
Last Update:	02-Oct-2012 13:09:33	Calib Date:	01-Oct-2012 20:08:22
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 02-Oct-2012 08:01:31

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.377	21.424	-0.047	20069	440.1	
3 Ethylene glycol dinitrate						
2	22.310	22.354	-0.044	9716	460.6	
24 1,3-Dinitrobenzene						
1	24.310	24.360	-0.050	45405	452.3	
27 1,3,5-Trinitrobenzene						
1	26.824	26.877	-0.053	36573	464.4	
16 o-Nitrotoluene						
1	28.384	28.430	-0.046	26632	437.4	
15 p-Nitrotoluene						
1	28.384	28.430	-0.046	26632	437.4	
8 m-Nitrotoluene						
1	28.934	28.994	-0.060	17677	436.2	
9 3,5-Dinitroaniline						
1	30.440	30.480	-0.040	36398	456.9	
19 RDX						
1	31.094	31.134	-0.040	21324	451.4	
23 2,4-Dinitrotoluene						
1	32.017	32.060	-0.043	42150	457.8	
12 2,6-Dinitrotoluene						
1	32.990	33.030	-0.040	24966	459.3	
6 2-Amino-4,6-dinitrotoluene						
1	35.164	35.194	-0.030	34688	457.1	
26 4-Amino-2,6-dinitrotoluene						
1	35.734	35.774	-0.040	29383	465.3	
$ 30 3,4-Dinitrotoluene						
1	37.577	37.604	-0.027	13440	278.2	

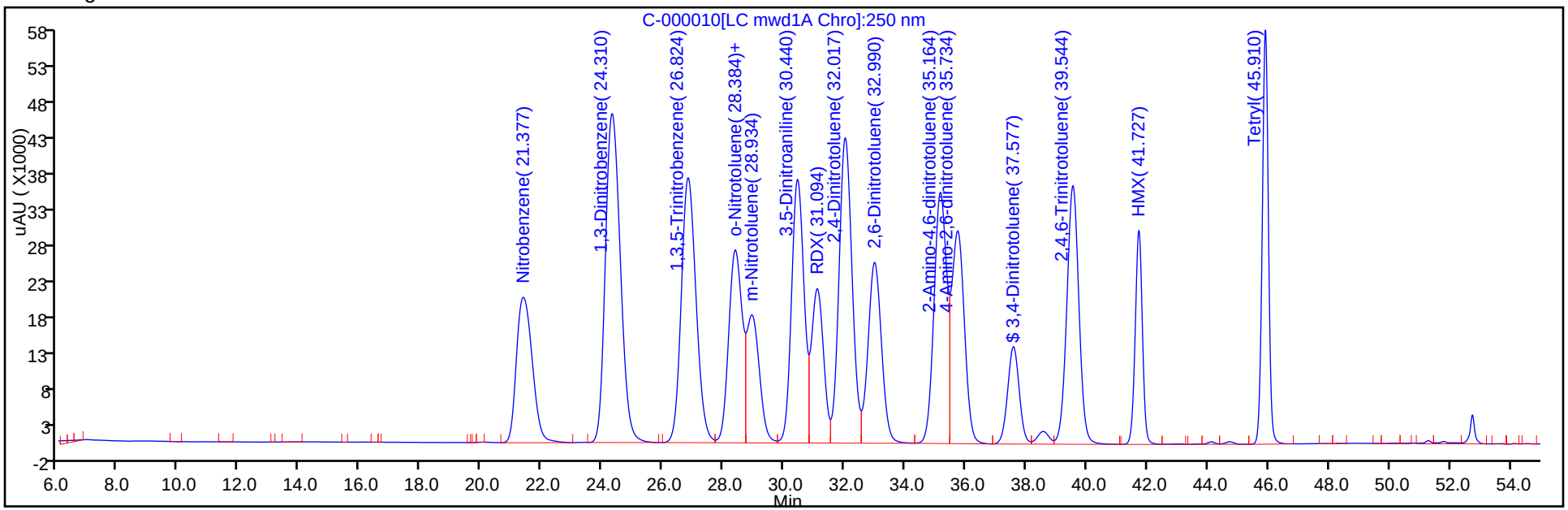
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	39.544	39.560	-0.016	35702	483.5	
11 HMX						
1	41.727	41.740	-0.013	29531	473.0	
7 Nitroglycerin						
2	44.117	44.130	-0.013	42715	493.7	
20 Tetryl						
1	45.910	45.920	-0.010	57167	488.3	
21 PETN						
2	52.630	52.630	0.0	75876	500.7	

Report Date: 02-Oct-2012 13:09:34 Chrom Revision: 2.1 28-Sep-2012 12:22:52

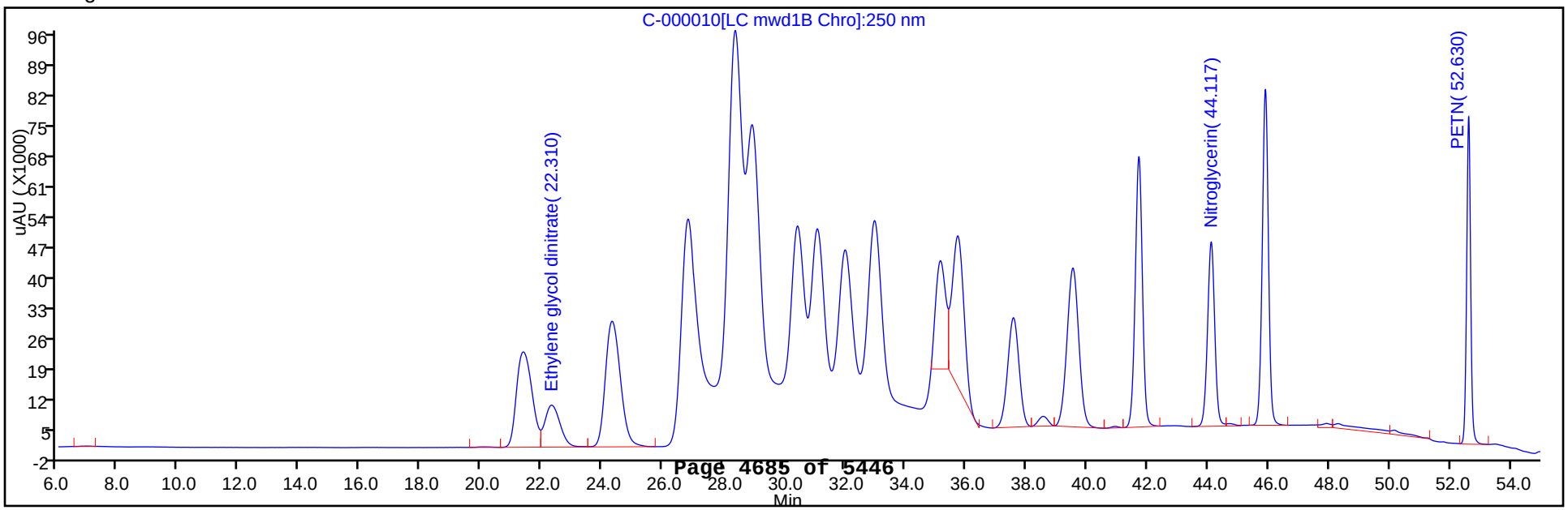
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000010.D		
Injection Date:	01-Oct-2012 19:03:03	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	8
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D
Lims ID: STD08 Client ID:
Inject. Date: 01-Oct-2012 20:08:22 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 8
Sample ID: HP8330L8_00003;1;320-0000975-009
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 18
Lims Batch ID: 4221 Lims Sample ID: 9
Sublist: chrom-LC12_Conf_8330*sub1

Method: \\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m
Last Update: 02-Oct-2012 13:09:34 Calib Date: 01-Oct-2012 20:08:22
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK005

First Level Reviewer: noonanr Date: 02-Oct-2012 07:53:58

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.095	0.089	0.006	102	2000.0	
1	0.095	0.089	0.006	102	0	
5 Nitrobenzene						
1	21.419	21.424	-0.005	31779	697.0	
3 Ethylene glycol dinitrate						
2	22.305	22.354	-0.049	16105	763.6	
24 1,3-Dinitrobenzene						
1	24.362	24.360	0.002	73865	735.8	
27 1,3,5-Trinitrobenzene						
1	26.872	26.877	-0.005	62902	798.7	
16 o-Nitrotoluene						
1	28.465	28.430	0.035	45199	742.3	
15 p-Nitrotoluene						
1	28.465	28.430	0.035	45199	742.3	
9 3,5-Dinitroaniline						
1	30.512	30.480	0.032	60329	757.3	
19 RDX						
1	31.139	31.134	0.005	35987	761.8	
23 2,4-Dinitrotoluene						
1	32.089	32.060	0.029	71751	779.3	
12 2,6-Dinitrotoluene						
1	33.062	33.030	0.032	42712	785.8	
6 2-Amino-4,6-dinitrotoluene						
1	35.255	35.194	0.061	59533	784.5	
26 4-Amino-2,6-dinitrotoluene						
1	35.789	35.774	0.015	51500	815.6	

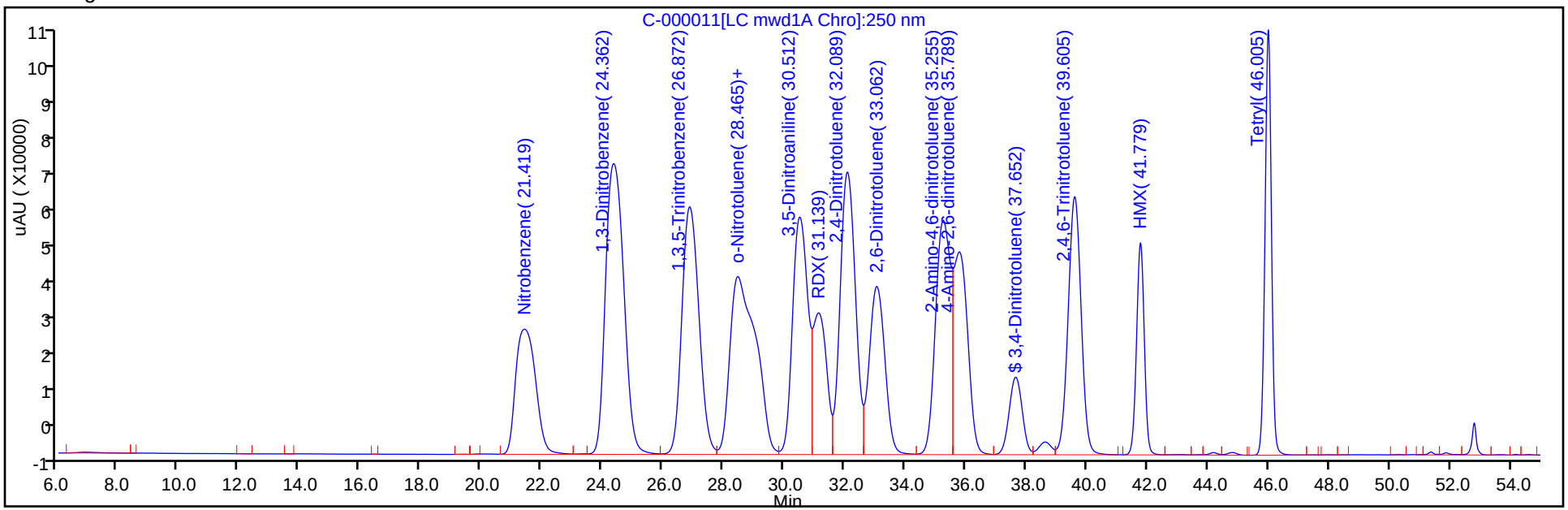
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	37.652	37.604	0.048	19696	407.7	
25 2,4,6-Trinitrotoluene						
1	39.605	39.560	0.045	65557	887.8	
11 HMX						
1	41.779	41.740	0.039	53842	862.4	
7 Nitroglycerin						
2	44.189	44.130	0.059	78528	907.6	
20 Tetryl						
1	46.005	45.920	0.085	107967	922.3	
21 PETN						
2	52.702	52.630	0.072	150075	990.4	

Report Date: 02-Oct-2012 13:09:35 Chrom Revision: 2.1 28-Sep-2012 12:22:52

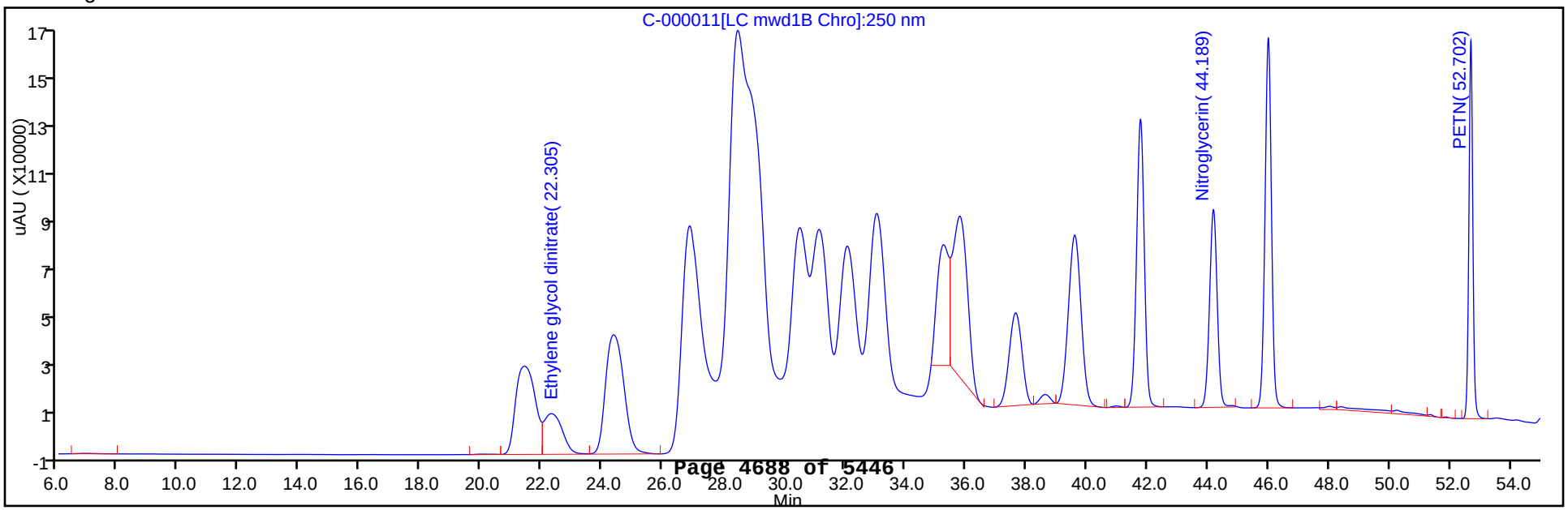
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D		
Injection Date:	01-Oct-2012 20:08:22	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	9
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 320-3377/11 Calibration Date: 09/01/2012 17:51

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: A-000015.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	129.4		514	500	2.8	20.0
RDX	Ave	88.99	86.72		487	500	-2.5	20.0
Ethylene glycol dinitrate	Ave	96.86	112.1		579	500	15.7	20.0
1,3,5-Trinitrobenzene	Ave	162.7	158.6		488	500	-2.5	20.0
1,3-Dinitrobenzene	Ave	161.7	155.7		481	500	-3.7	20.0
3,5-Dinitroaniline	Ave	103.9	108.4		522	500	4.3	20.0
Tetryl	Ave	86.55	92.08		532	500	6.4	20.0
Nitrobenzene	Ave	73.74	71.77		487	500	-2.7	20.0
Nitroglycerin	Ave	64.89	64.13		494	500	-1.2	20.0
2,4,6-Trinitrotoluene	Ave	92.79	94.76		511	500	2.1	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	72.57		479	500	-4.2	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	81.12		485	500	-3.0	20.0
2,6-Dinitrotoluene	Ave	59.58	57.45		482	500	-3.6	20.0
2,4-Dinitrotoluene	Ave	95.97	94.66		493	500	-1.4	20.0
2-Nitrotoluene	Ave	44.56	40.14		450	500	-9.9	20.0
4-Nitrotoluene	Ave	53.43	49.54		464	500	-7.3	20.0
3-Nitrotoluene	Ave	53.94	48.54		450	500	-10.0	20.0
PETN	Ave	36.72	35.94		489	500	-2.1	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 320-3377/11 Calibration Date: 09/01/2012 17:51

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: A-000015.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.24	4.99	5.49
RDX	7.58	7.33	7.83
Ethylene glycol dinitrate	8.30	8.06	8.56
1,3,5-Trinitrobenzene	9.99	9.74	10.24
1,3-Dinitrobenzene	12.68	12.43	12.93
3,5-Dinitroaniline	13.44	13.20	13.70
Tetryl	13.94	13.69	14.19
Nitrobenzene	14.49	14.25	14.75
Nitroglycerin	15.19	14.95	15.45
2,4,6-Trinitrotoluene	16.07	15.82	16.32
4-Amino-2,6-dinitrotoluene	16.61	16.37	16.87
2-Amino-4,6-dinitrotoluene	17.59	17.35	17.85
2,6-Dinitrotoluene	19.29	19.04	19.54
2,4-Dinitrotoluene	19.92	19.68	20.18
2-Nitrotoluene	23.39	23.17	23.67
4-Nitrotoluene	25.08	24.85	25.35
3-Nitrotoluene	27.04	26.80	27.30
PETN	29.65	29.40	29.90

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000015.D
Lims ID: ICV Client ID:
Inject. Date: 01-Sep-2012 17:51:02 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: ICV HP8330IC_00005 500ng/mL;2
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 19
Lims Batch ID: 3377 Lims Sample ID: 11
Sublist:

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 10:19:58 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK003

First Level Reviewer: noonanr Date: 12-Sep-2012 13:53:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.238	5.235	0.003	64694	514.2	
19 RDX						
1	7.584	7.579	0.005	43361	487.3	
3 Ethylene glycol dinitrate						
2	8.304	8.305	-0.001	56056	578.7	
10 2,4,6-Trinitrophenol						
2	8.611	8.685	-0.074	118451	961.8	
1	8.611	8.685	-0.074	78800	953.2	
27 1,3,5-Trinitrobenzene						
1	9.991	9.992	-0.001	79307	487.5	
24 1,3-Dinitrobenzene						
1	12.684	12.682	0.002	77842	481.5	
9 3,5-Dinitroaniline						
1	13.438	13.449	-0.011	54213	521.7	
20 Tetryl						
1	13.938	13.939	-0.001	46038	531.9	
5 Nitrobenzene						
1	14.488	14.495	-0.007	35885	486.6	
7 Nitroglycerin						
2	15.194	15.202	-0.008	32066	494.2	
25 2,4,6-Trinitrotoluene						
1	16.071	16.069	0.002	47381	510.6	
26 4-Amino-2,6-dinitrotoluene						
1	16.611	16.619	-0.008	36286	479.1	
6 2-Amino-4,6-dinitrotoluene						
1	17.591	17.595	-0.004	40559	485.2	

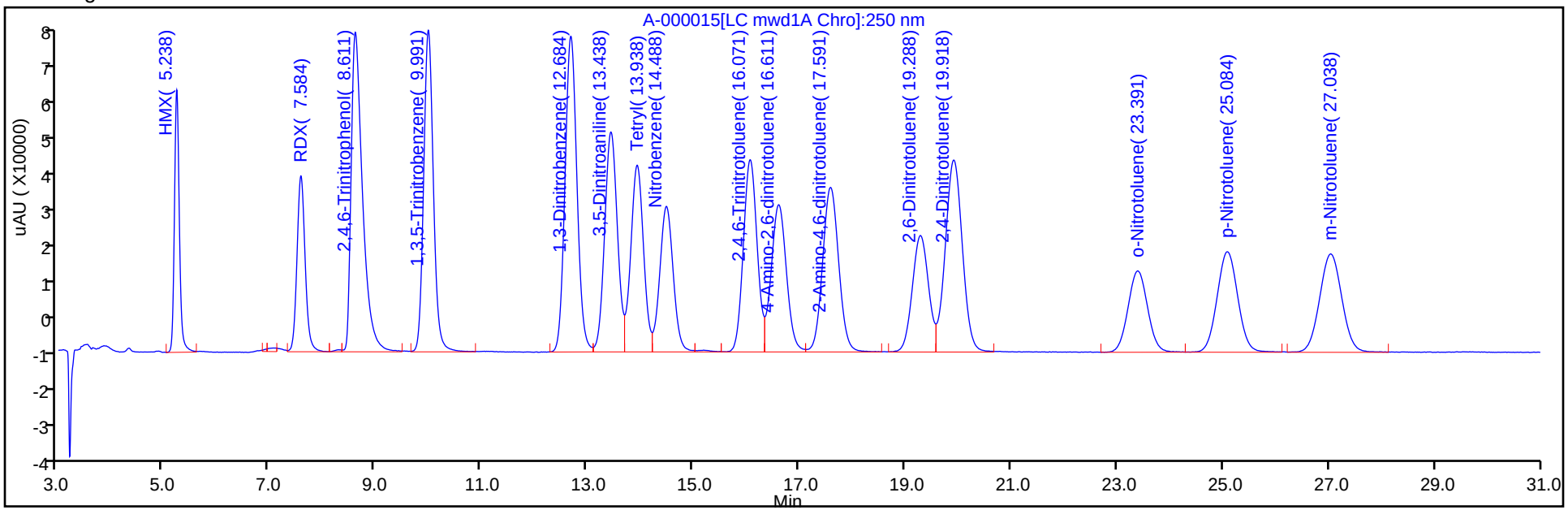
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
12 2,6-Dinitrotoluene						
1	19.288	19.285	0.003	28726	482.1	
23 2,4-Dinitrotoluene						
1	19.918	19.925	-0.007	47332	493.2	
16 o-Nitrotoluene						
1	23.391	23.415	-0.024	20070	450.5	
15 p-Nitrotoluene						
1	25.084	25.102	-0.018	24769	463.6	
8 m-Nitrotoluene						
1	27.038	27.052	-0.014	24271	450.0	
21 PETN						
2	29.648	29.649	-0.001	17969	489.3	

Report Date: 13-Sep-2012 10:20:00 Chrom Revision: 2.1 12-Sep-2012 21:43:20

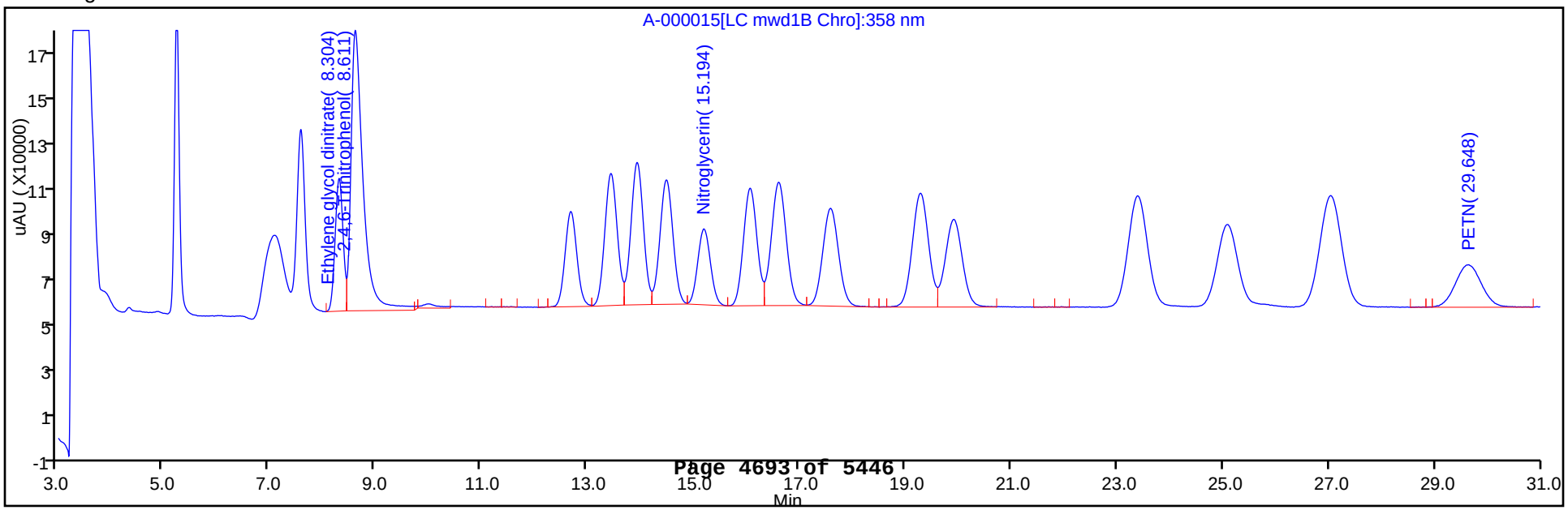
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000015.D		
Injection Date:	01-Sep-2012 17:51:02	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: LODV 320-3377/13 Calibration Date: 09/01/2012 19:11

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: A-000017.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	123.8		4.92	5.00	-1.6	
RDX	Ave	88.99	99.40		5.59	5.00	11.7	
1,3,5-Trinitrobenzene	Ave	162.7	165.0		5.07	5.00	1.4	
1,3-Dinitrobenzene	Ave	161.7	168.6		5.21	5.00	4.3	
3,5-Dinitroaniline	Ave	103.9	110.0		5.29	5.00	5.9	
Tetryl	Ave	86.55	76.60		4.43	5.00	-11.5	
Nitrobenzene	Ave	73.74	77.80		5.28	5.00	5.5	
Nitroglycerin	Ave	64.89	84.10		25.9	20.0	29.6	
2,4,6-Trinitrotoluene	Ave	92.79	89.60		4.83	5.00	-3.4	
4-Amino-2,6-dinitrotoluene	Ave	75.73	92.20		6.09	5.00	21.7	
2-Amino-4,6-dinitrotoluene	Ave	83.59	91.20		5.46	5.00	9.1	
2,6-Dinitrotoluene	Ave	59.58	63.20		5.30	5.00	6.1	
2,4-Dinitrotoluene	Ave	95.97	108.0		5.63	5.00	12.5	
2-Nitrotoluene	Ave	44.56	55.20		6.19	5.00	23.9	
4-Nitrotoluene	Ave	53.43	69.20		6.48	5.00	29.5	
3-Nitrotoluene	Ave	53.94	62.60		5.80	5.00	16.1	
PETN	Ave	36.72	36.40		19.8	20.0	-0.9	
3,4-Dinitrotoluene	Ave	56.32	52.85		18.8	20.0	-6.2	

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: LODV 320-3377/13 Calibration Date: 09/01/2012 19:11

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: A-000017.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.25	4.99	5.49
RDX	7.57	7.33	7.83
1,3,5-Trinitrobenzene	10.01	9.74	10.24
1,3-Dinitrobenzene	12.70	12.43	12.93
3,5-Dinitroaniline	13.46	13.20	13.70
Tetryl	13.90	13.69	14.19
Nitrobenzene	14.53	14.25	14.75
Nitroglycerin	15.19	14.95	15.45
2,4,6-Trinitrotoluene	16.09	15.82	16.32
4-Amino-2,6-dinitrotoluene	16.61	16.37	16.87
2-Amino-4,6-dinitrotoluene	17.57	17.35	17.85
2,6-Dinitrotoluene	19.30	19.04	19.54
2,4-Dinitrotoluene	19.97	19.68	20.18
2-Nitrotoluene	23.32	23.17	23.67
4-Nitrotoluene	25.07	24.85	25.35
3-Nitrotoluene	27.00	26.80	27.30
PETN	29.57	29.40	29.90
Ethylene glycol dinitrate			
3,4-Dinitrotoluene	17.07	16.82	17.32

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000017.D
Lims ID: LODV 5-20ng/mL Client ID:
Inject. Date: 01-Sep-2012 19:11:04 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: MRL HP8330ICL_00002 5-50ng/mL;2
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 21
Lims Batch ID: 3377 Lims Sample ID: 13

Method: \\SACChrom\ChromData\LC10\20120905-755.b\8330_LC10.m
Last Update: 13-Sep-2012 13:28:32 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK036

First Level Reviewer: noonanr Date: 12-Sep-2012 14:27:02

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.245	5.235	0.010	619	4.92	
19 RDX						
1	7.565	7.579	-0.014	497	5.59	
27 1,3,5-Trinitrobenzene						
1	10.005	9.992	0.013	825	5.07	
24 1,3-Dinitrobenzene						
1	12.702	12.682	0.020	843	5.21	
9 3,5-Dinitroaniline						
1	13.459	13.449	0.010	550	5.29	
20 Tetryl						
1	13.902	13.939	-0.037	383	4.43	
5 Nitrobenzene						
1	14.532	14.495	0.037	389	5.28	
7 Nitroglycerin						
2	15.186	15.202	-0.016	1682	25.9	
25 2,4,6-Trinitrotoluene						
1	16.092	16.069	0.023	448	4.83	
26 4-Amino-2,6-dinitrotoluene						
1	16.609	16.619	-0.010	461	6.09	
$ 30 3,4-Dinitrotoluene						
1	17.069	17.072	-0.003	1057	18.8	
2	17.109	17.082	0.027	2127	20.6	
6 2-Amino-4,6-dinitrotoluene						
1	17.569	17.595	-0.026	456	5.46	
12 2,6-Dinitrotoluene						
1	19.299	19.285	0.014	316	5.30	
23 2,4-Dinitrotoluene						
1	19.966	19.925	0.041	540	5.63	

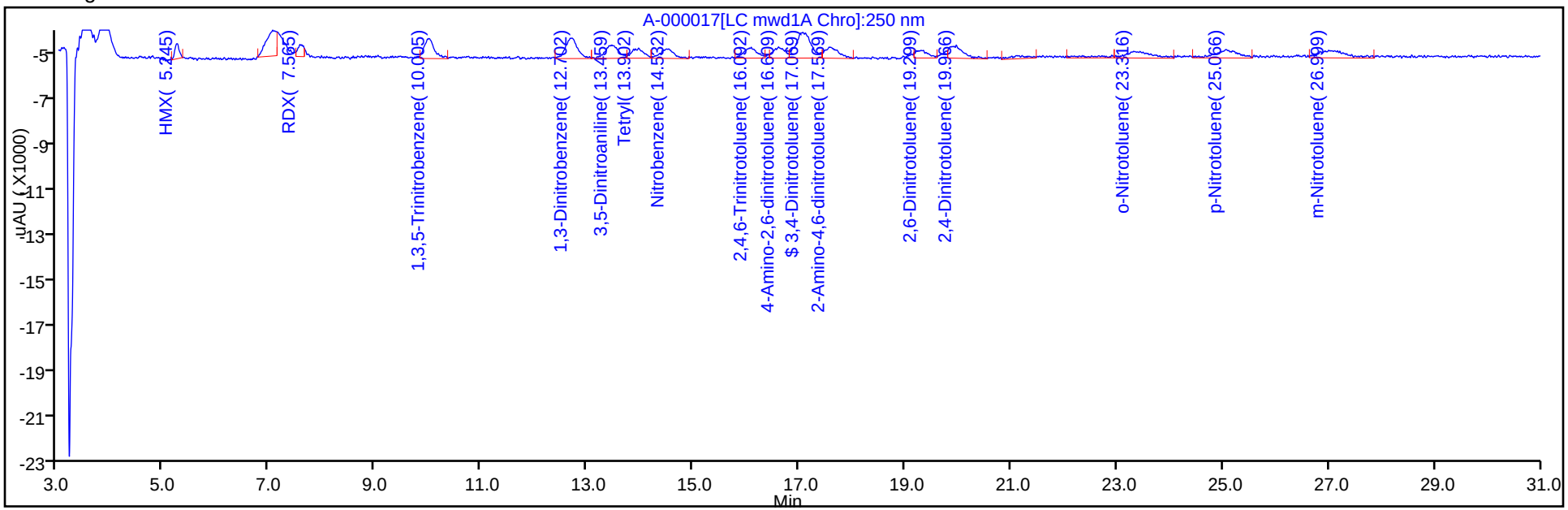
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	23.316	23.415	-0.099	276	6.19	
15 p-Nitrotoluene						
1	25.066	25.102	-0.036	346	6.48	
8 m-Nitrotoluene						
1	26.999	27.052	-0.053	313	5.80	
21 PETN						
2	29.572	29.649	-0.077	728	19.8	

Report Date: 18-Sep-2012 08:28:09 Chrom Revision: 2.1 16-Sep-2012 09:37:06

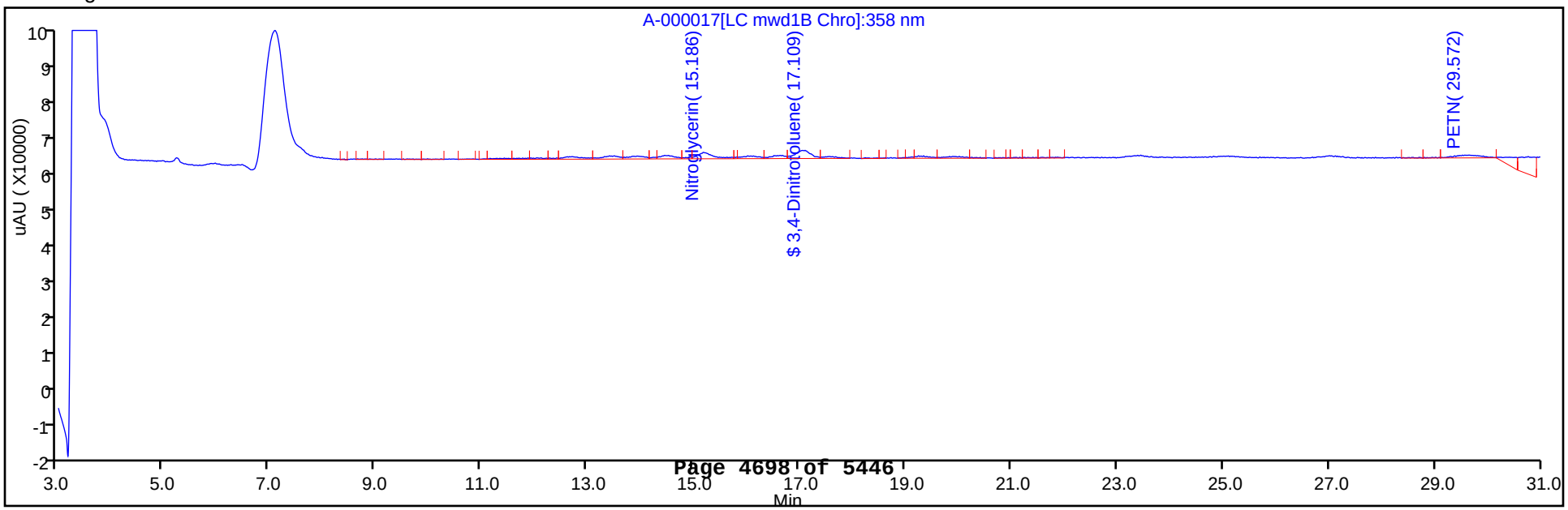
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000017.D		
Injection Date:	01-Sep-2012 19:11:04	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	3377	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7620/14 Calibration Date: 12/20/2012 01:05

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: S000014.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	126.9		101	100	0.9	20.0
RDX	Ave	88.99	87.97		98.9	100	-1.1	20.0
Ethylene glycol dinitrate	Ave	96.86	102.4		106	100	5.7	20.0
1,3,5-Trinitrobenzene	Ave	162.7	163.3		100	100	0.4	20.0
1,3-Dinitrobenzene	Ave	161.7	163.1		101	100	0.9	20.0
3,5-Dinitroaniline	Ave	103.9	104.5		101	100	0.6	20.0
Tetryl	Ave	86.55	94.38		109	100	9.0	20.0
Nitrobenzene	Ave	73.74	73.58		99.8	100	-0.2	20.0
Nitroglycerin	Ave	64.89	65.02		100	100	0.2	20.0
2,4,6-Trinitrotoluene	Ave	92.79	98.67		106	100	6.3	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	75.65		99.9	100	-0.1	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	82.91		99.2	100	-0.8	20.0
2,6-Dinitrotoluene	Ave	59.58	59.32		99.6	100	-0.4	20.0
2,4-Dinitrotoluene	Ave	95.97	96.74		101	100	0.8	20.0
2-Nitrotoluene	Ave	44.56	42.28		94.9	100	-5.1	20.0
4-Nitrotoluene	Ave	53.43	51.75		96.9	100	-3.1	20.0
3-Nitrotoluene	Ave	53.94	52.25		96.9	100	-3.1	20.0
PETN	Ave	36.72	38.84		106	100	5.8	20.0
3,4-Dinitrotoluene	Ave	56.32	53.84		95.6	100	-4.4	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7620/14 Calibration Date: 12/20/2012 01:05

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: S000014.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.22	4.97	5.47
RDX	7.52	7.27	7.77
Ethylene glycol dinitrate	8.22	7.97	8.47
1,3,5-Trinitrobenzene	9.88	9.63	10.13
1,3-Dinitrobenzene	12.51	12.26	12.76
3,5-Dinitroaniline	13.28	13.03	13.53
Tetryl	13.69	13.44	13.94
Nitrobenzene	14.26	14.01	14.51
Nitroglycerin	14.91	14.66	15.16
2,4,6-Trinitrotoluene	15.79	15.54	16.04
4-Amino-2,6-dinitrotoluene	16.35	16.10	16.60
2-Amino-4,6-dinitrotoluene	17.31	17.06	17.56
2,6-Dinitrotoluene	18.93	18.68	19.18
2,4-Dinitrotoluene	19.56	19.31	19.81
2-Nitrotoluene	22.93	22.68	23.18
4-Nitrotoluene	24.59	24.34	24.84
3-Nitrotoluene	26.50	26.25	26.75
PETN	28.82	28.57	29.07
3,4-Dinitrotoluene	16.77	16.52	17.02

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000014.D
Lims ID: CCV 05 Client ID:
Inject. Date: 20-Dec-2012 01:05:18 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0001888-014
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 3
Lims Batch ID: 7620 Lims Sample ID: 14
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m
Last Update: 20-Dec-2012 08:01:48 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK002

First Level Reviewer: noonanr Date: 20-Dec-2012 08:01:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.220	5.220	0.0	12694	100.9	
19 RDX						
1	7.523	7.523	0.0	8797	98.9	
3 Ethylene glycol dinitrate						
2	8.220	8.220	0.0	10243	105.7	
10 2,4,6-Trinitrophenol						
2	8.643	8.643	0.0	24705	200.6	
1	8.640	8.640	0.0	17148	207.4	
27 1,3,5-Trinitrobenzene						
1	9.877	9.877	0.0	16329	100.4	
24 1,3-Dinitrobenzene						
1	12.513	12.513	0.0	16310	100.9	
9 3,5-Dinitroaniline						
1	13.277	13.277	0.0	10449	100.6	
20 Tetryl						
1	13.693	13.693	0.0	9438	109.0	
5 Nitrobenzene						
1	14.260	14.260	0.0	7358	99.8	
7 Nitroglycerin						
2	14.910	14.910	0.0	6502	100.2	
25 2,4,6-Trinitrotoluene						
1	15.787	15.787	0.0	9867	106.3	
26 4-Amino-2,6-dinitrotoluene						
1	16.347	16.347	0.0	7565	99.9	
$ 30 3,4-Dinitrotoluene						
1	16.773	16.773	0.0	5384	95.6	
2	16.807	16.807	0.0	10127	98.0	

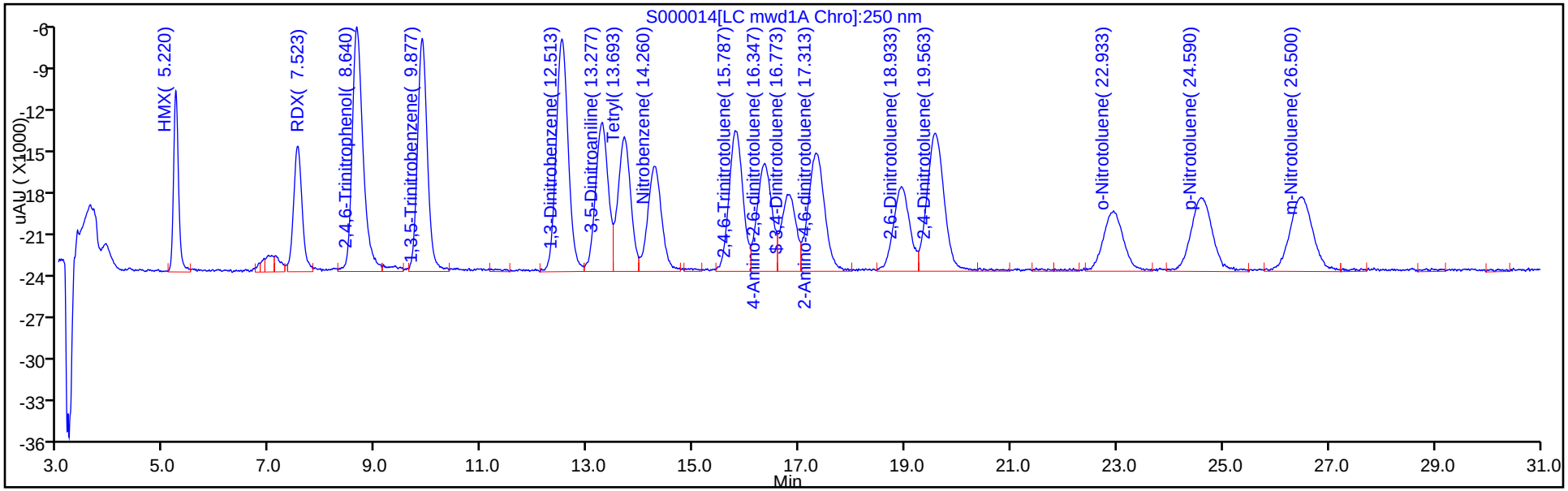
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.313	17.313	0.0	8291	99.2	
12 2,6-Dinitrotoluene						
1	18.933	18.933	0.0	5932	99.6	
23 2,4-Dinitrotoluene						
1	19.563	19.563	0.0	9674	100.8	
16 o-Nitrotoluene						
1	22.933	22.933	0.0	4228	94.9	
15 p-Nitrotoluene						
1	24.590	24.590	0.0	5175	96.9	
8 m-Nitrotoluene						
1	26.500	26.500	0.0	5225	96.9	
21 PETN						
2	28.823	28.823	0.0	3884	105.8	

Report Date: 20-Dec-2012 08:01:48 Chrom Revision: 2.1 14-Dec-2012 09:16:34

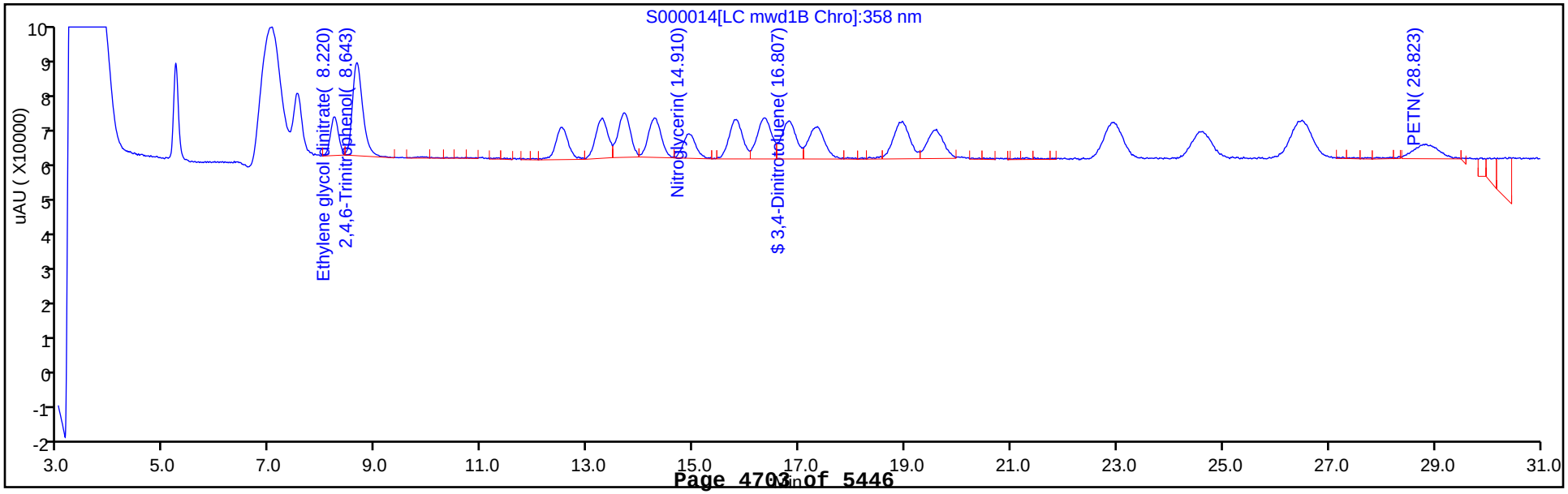
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000014.D		
Injection Date:	20-Dec-2012 01:05:18	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	14
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCVL 320-7620/15 Calibration Date: 12/20/2012 01:45

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: S000015.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	161.6		6.42	5.00	28.5	30.0
RDX	Ave	88.99	108.4		6.09	5.00	21.8	30.0
1,3,5-Trinitrobenzene	Ave	162.7	189.8		5.83	5.00	16.7	30.0
1,3-Dinitrobenzene	Ave	161.7	193.2		5.98	5.00	19.5	30.0
3,5-Dinitroaniline	Ave	103.9	120.0		5.77	5.00	15.5	30.0
Tetryl	Ave	86.55	105.6		6.10	5.00	22.0	30.0
Nitrobenzene	Ave	73.74	82.00		5.56	5.00	11.2	30.0
Nitroglycerin	Ave	64.89	77.30		23.8	20.0	19.1	30.0
2,4,6-Trinitrotoluene	Ave	92.79	102.8		5.54	5.00	10.8	30.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	104.6		6.91	5.00	38.1*	30.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	105.2		6.29	5.00	25.9	30.0
2,6-Dinitrotoluene	Ave	59.58	81.40		6.83	5.00	36.6*	30.0
2,4-Dinitrotoluene	Ave	95.97	112.6		5.87	5.00	17.3	30.0
2-Nitrotoluene	Ave	44.56	61.00		6.85	5.00	36.9*	30.0
4-Nitrotoluene	Ave	53.43	84.00		7.86	5.00	57.2*	30.0
3-Nitrotoluene	Ave	53.94	82.40		7.64	5.00	52.8*	30.0
PETN	Ave	36.72	47.05		25.6	20.0	28.1	30.0
3,4-Dinitrotoluene	Ave	56.32	54.90		19.5	20.0	-2.5	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCVL 320-7620/15 Calibration Date: 12/20/2012 01:45

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: S000015.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.23	4.98	5.48
RDX	7.51	7.26	7.76
1,3,5-Trinitrobenzene	9.87	9.62	10.12
1,3-Dinitrobenzene	12.53	12.28	12.78
3,5-Dinitroaniline	13.21	12.96	13.46
Tetryl	13.63	13.38	13.88
Nitrobenzene	14.22	13.97	14.47
Nitroglycerin	14.89	14.64	15.14
2,4,6-Trinitrotoluene	15.69	15.44	15.94
4-Amino-2,6-dinitrotoluene	16.29	16.04	16.54
2-Amino-4,6-dinitrotoluene	17.21	16.96	17.46
2,6-Dinitrotoluene	18.91	18.66	19.16
2,4-Dinitrotoluene	19.43	19.18	19.68
2-Nitrotoluene	22.78	22.53	23.03
4-Nitrotoluene	24.52	24.27	24.77
3-Nitrotoluene	26.38	26.13	26.63
PETN	28.73	28.48	28.98
3,4-Dinitrotoluene	16.75	16.50	17.00

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000015.D		
Lims ID:	CCVL	Client ID:	
Inject. Date:	20-Dec-2012 01:45:29	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0001888-015		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	10
Lims Batch ID:	7620	Lims Sample ID:	15
Sublist:	chrom-8330_LC10*sub2		
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	20-Dec-2012 08:12:39	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK002		

First Level Reviewer: noonanr Date: 20-Dec-2012 08:12:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.234	5.234	0.0	808	6.42	
19 RDX						
1	7.511	7.511	0.0	542	6.09	
27 1,3,5-Trinitrobenzene						
1	9.868	9.868	0.0	949	5.83	
24 1,3-Dinitrobenzene						
1	12.528	12.528	0.0	966	5.98	
9 3,5-Dinitroaniline						
1	13.211	13.211	0.0	600	5.77	
20 Tetryl						
1	13.634	13.634	0.0	528	6.10	
5 Nitrobenzene						
1	14.224	14.224	0.0	410	5.56	
7 Nitroglycerin						
2	14.888	14.888	0.0	1546	23.8	
25 2,4,6-Trinitrotoluene						
1	15.691	15.691	0.0	514	5.54	
26 4-Amino-2,6-dinitrotoluene						
1	16.291	16.291	0.0	523	6.91	
$ 30 3,4-Dinitrotoluene						
1	16.754	16.754	0.0	1098	19.5	
2	16.754	16.754	0.0	2195	21.2	
6 2-Amino-4,6-dinitrotoluene						
1	17.211	17.211	0.0	526	6.29	
12 2,6-Dinitrotoluene						M
1	18.911	18.911	0.0	407	6.83	M

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23 2,4-Dinitrotoluene						
1	19.434	19.434	0.0	563	5.87	
16 o-Nitrotoluene						
1	22.781	22.781	0.0	305	6.85	
15 p-Nitrotoluene						
1	24.521	24.521	0.0	420	7.86	
8 m-Nitrotoluene						
1	26.381	26.381	0.0	412	7.64	
21 PETN						
2	28.728	28.728	0.0	941	25.6	

QC Flag Legend

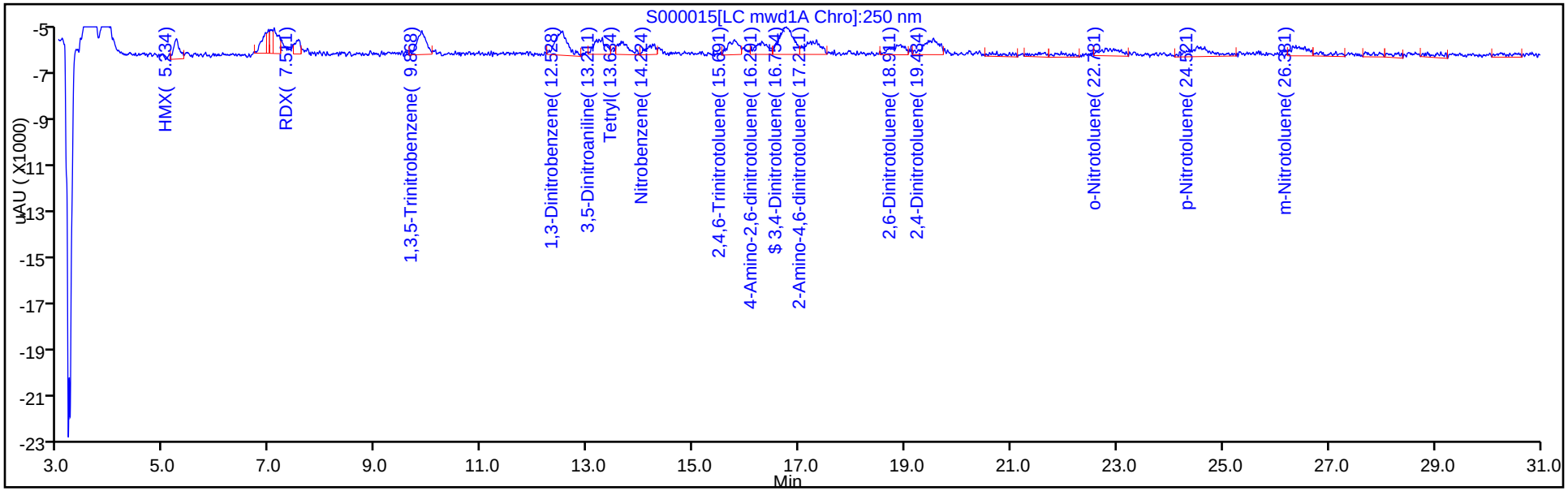
Review Flags
M - Manually Integrated

Report Date: 20-Dec-2012 08:12:39 Chrom Revision: 2.1 14-Dec-2012 09:16:34

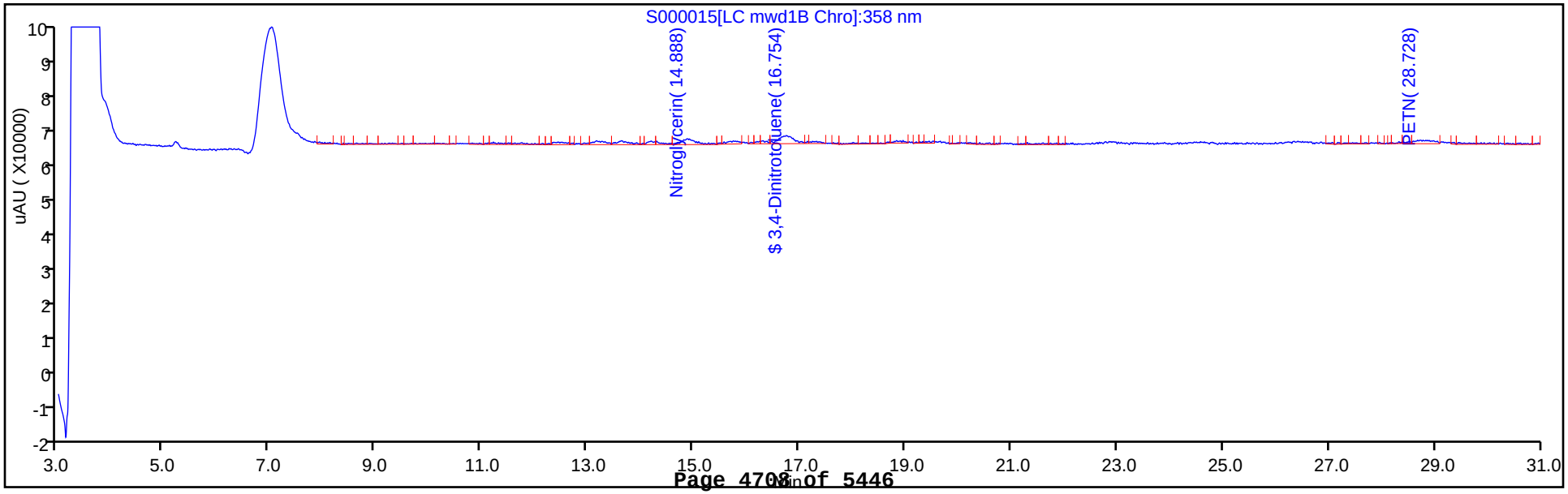
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000015.D		
Injection Date:	20-Dec-2012 01:45:29	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	15
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

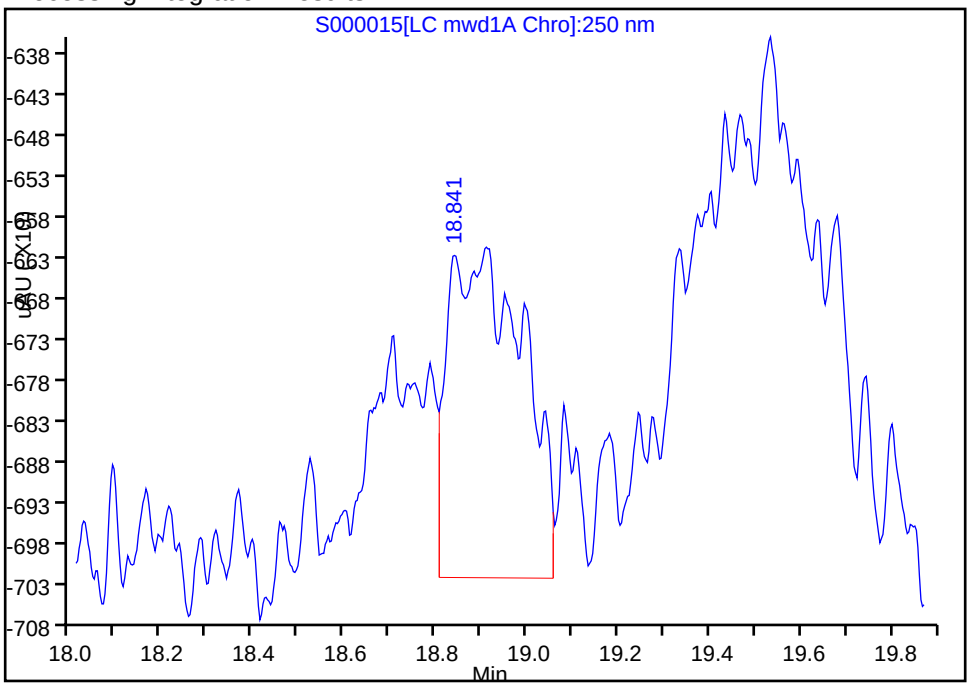
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000015.D		
Injection Date:	20-Dec-2012 01:45:29	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	15
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

12 2,6-Dinitrotoluene, Signal: 1, Type: quant, RT: 18.91, Det: LC mwd1A

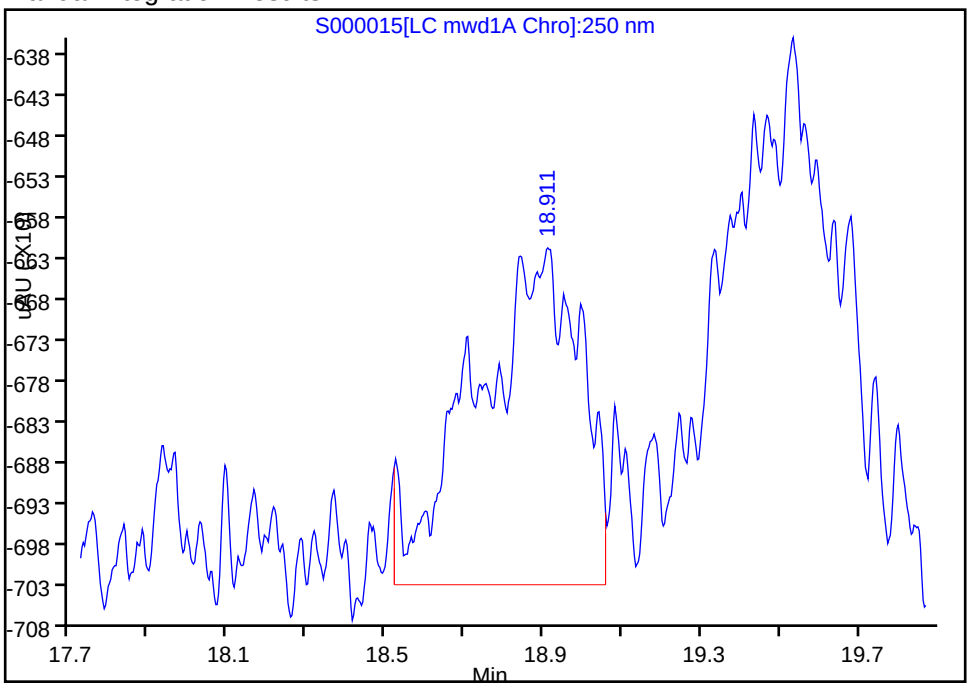
Processing Integration Results

RT: 18.84
Response: 389
Amount: 6.528845



Manual Integration Results

RT: 18.91
Response: 407
Amount: 6.830951



Reviewer: noonanr, 20-Dec-2012 08:12:39
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7620/26 Calibration Date: 12/20/2012 09:07

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: S000026.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	128.2		102	100	1.9	20.0
RDX	Ave	88.99	86.61		97.3	100	-2.7	20.0
Ethylene glycol dinitrate	Ave	96.86	105.8		109	100	9.2	20.0
1,3,5-Trinitrobenzene	Ave	162.7	164.8		101	100	1.3	20.0
1,3-Dinitrobenzene	Ave	161.7	163.8		101	100	1.3	20.0
3,5-Dinitroaniline	Ave	103.9	104.9		101	100	1.0	20.0
Tetryl	Ave	86.55	93.76		108	100	8.3	20.0
Nitrobenzene	Ave	73.74	72.59		98.4	100	-1.6	20.0
Nitroglycerin	Ave	64.89	65.48		101	100	0.9	20.0
2,4,6-Trinitrotoluene	Ave	92.79	98.96		107	100	6.7	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	75.36		99.5	100	-0.5	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	83.50		99.9	100	-0.1	20.0
2,6-Dinitrotoluene	Ave	59.58	58.87		98.8	100	-1.2	20.0
2,4-Dinitrotoluene	Ave	95.97	96.95		101	100	1.0	20.0
2-Nitrotoluene	Ave	44.56	41.41		92.9	100	-7.1	20.0
4-Nitrotoluene	Ave	53.43	50.93		95.3	100	-4.7	20.0
3-Nitrotoluene	Ave	53.94	51.30		95.1	100	-4.9	20.0
PETN	Ave	36.72	40.26		110	100	9.6	20.0
3,4-Dinitrotoluene	Ave	56.32	54.71		97.1	100	-2.9	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7620/26 Calibration Date: 12/20/2012 09:07

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: S000026.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.23	4.98	5.48
RDX	7.53	7.28	7.78
Ethylene glycol dinitrate	8.22	7.97	8.47
1,3,5-Trinitrobenzene	9.88	9.63	10.13
1,3-Dinitrobenzene	12.51	12.26	12.76
3,5-Dinitroaniline	13.28	13.03	13.53
Tetryl	13.70	13.45	13.95
Nitrobenzene	14.25	14.00	14.50
Nitroglycerin	14.91	14.66	15.16
2,4,6-Trinitrotoluene	15.80	15.55	16.05
4-Amino-2,6-dinitrotoluene	16.33	16.08	16.58
2-Amino-4,6-dinitrotoluene	17.29	17.04	17.54
2,6-Dinitrotoluene	18.91	18.66	19.16
2,4-Dinitrotoluene	19.54	19.29	19.79
2-Nitrotoluene	22.92	22.67	23.17
4-Nitrotoluene	24.55	24.30	24.80
3-Nitrotoluene	26.47	26.22	26.72
PETN	28.79	28.54	29.04
3,4-Dinitrotoluene	16.80	16.55	17.05

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000026.D
Lims ID: CCV 05 Client ID:
Inject. Date: 20-Dec-2012 09:07:59 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0001888-026
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 3
Lims Batch ID: 7620 Lims Sample ID: 26
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m
Last Update: 20-Dec-2012 10:13:48 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK002

First Level Reviewer: noonanr Date: 20-Dec-2012 10:13:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.228	5.228	0.0	12818	101.9	
19 RDX						
1	7.528	7.528	0.0	8661	97.3	
3 Ethylene glycol dinitrate						
2	8.222	8.222	0.0	10582	109.2	
10 2,4,6-Trinitrophenol						
2	8.652	8.652	0.0	25054	203.4	
1	8.652	8.652	0.0	17117	207.1	
27 1,3,5-Trinitrobenzene						
1	9.878	9.878	0.0	16482	101.3	
24 1,3-Dinitrobenzene						
1	12.512	12.512	0.0	16376	101.3	
9 3,5-Dinitroaniline						
1	13.278	13.278	0.0	10490	101.0	
20 Tetryl						
1	13.702	13.702	0.0	9376	108.3	
5 Nitrobenzene						
1	14.248	14.248	0.0	7259	98.4	
7 Nitroglycerin						
2	14.912	14.912	0.0	6548	100.9	
25 2,4,6-Trinitrotoluene						
1	15.795	15.795	0.0	9896	106.7	
26 4-Amino-2,6-dinitrotoluene						
1	16.332	16.332	0.0	7536	99.5	
$ 30 3,4-Dinitrotoluene						
1	16.795	16.795	0.0	5471	97.1	
2	16.798	16.798	0.0	10012	96.9	

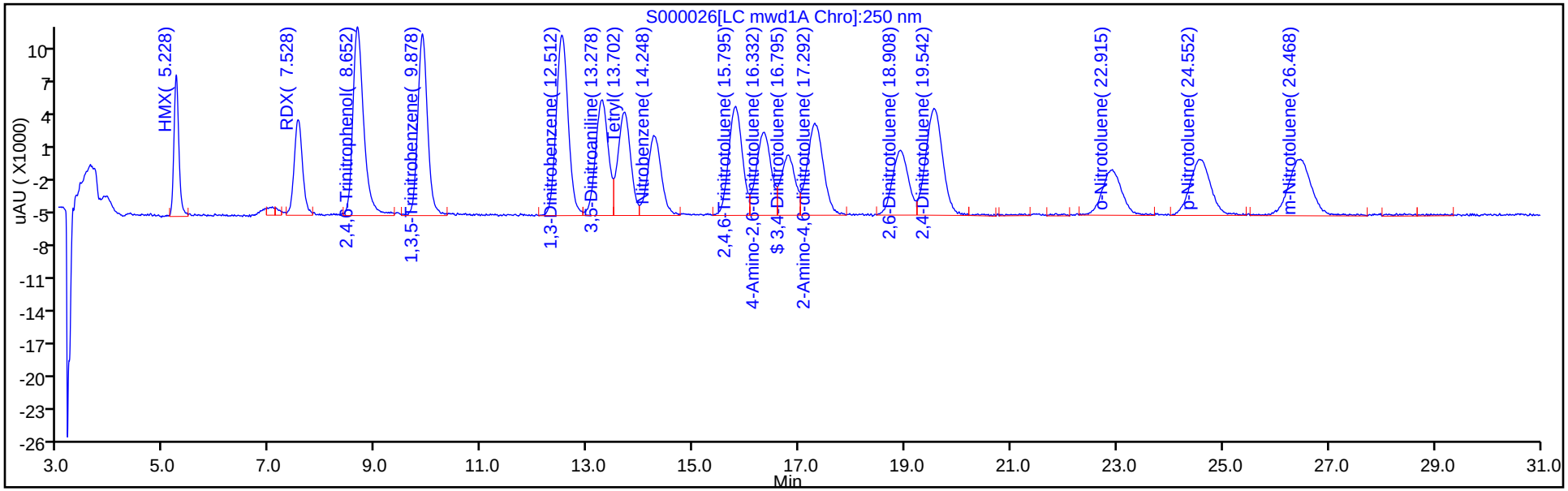
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.292	17.292	0.0	8350	99.9	
12 2,6-Dinitrotoluene						
1	18.908	18.908	0.0	5887	98.8	
23 2,4-Dinitrotoluene						
1	19.542	19.542	0.0	9695	101.0	
16 o-Nitrotoluene						
1	22.915	22.915	0.0	4141	92.9	
15 p-Nitrotoluene						
1	24.552	24.552	0.0	5093	95.3	
8 m-Nitrotoluene						
1	26.468	26.468	0.0	5130	95.1	
21 PETN						
2	28.792	28.792	0.0	4026	109.6	

Report Date: 20-Dec-2012 10:13:48 Chrom Revision: 2.1 14-Dec-2012 09:16:34

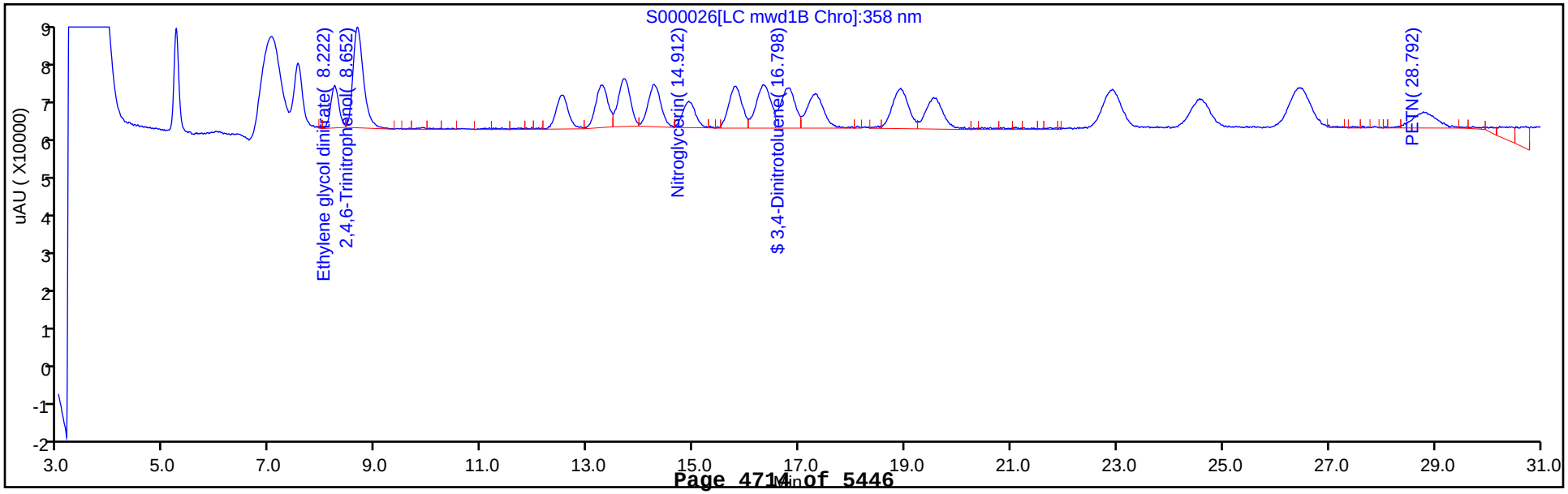
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000026.D		
Injection Date:	20-Dec-2012 09:07:59	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	26
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7620/37 Calibration Date: 12/20/2012 16:30

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: S000037.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	128.3		102	100	2.0	20.0
RDX	Ave	88.99	89.13		100	100	0.2	20.0
Ethylene glycol dinitrate	Ave	96.86	109.0		113	100	12.5	20.0
1,3,5-Trinitrobenzene	Ave	162.7	163.8		101	100	0.7	20.0
1,3-Dinitrobenzene	Ave	161.7	164.7		102	100	1.9	20.0
3,5-Dinitroaniline	Ave	103.9	104.6		101	100	0.6	20.0
Tetryl	Ave	86.55	94.64		109	100	9.3	20.0
Nitrobenzene	Ave	73.74	74.28		101	100	0.7	20.0
Nitroglycerin	Ave	64.89	65.40		101	100	0.8	20.0
2,4,6-Trinitrotoluene	Ave	92.79	99.30		107	100	7.0	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	75.40		99.6	100	-0.4	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	83.86		100	100	0.3	20.0
2,6-Dinitrotoluene	Ave	59.58	58.78		98.7	100	-1.3	20.0
2,4-Dinitrotoluene	Ave	95.97	96.42		100	100	0.5	20.0
2-Nitrotoluene	Ave	44.56	42.57		95.5	100	-4.5	20.0
4-Nitrotoluene	Ave	53.43	52.36		98.0	100	-2.0	20.0
3-Nitrotoluene	Ave	53.94	52.22		96.8	100	-3.2	20.0
PETN	Ave	36.72	41.31		112	100	12.5	20.0
3,4-Dinitrotoluene	Ave	56.32	54.35		96.5	100	-3.5	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7620/37 Calibration Date: 12/20/2012 16:30

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: S000037.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.22	4.97	5.47
RDX	7.51	7.26	7.76
Ethylene glycol dinitrate	8.21	7.96	8.46
1,3,5-Trinitrobenzene	9.86	9.61	10.11
1,3-Dinitrobenzene	12.48	12.23	12.73
3,5-Dinitroaniline	13.23	12.98	13.48
Tetryl	13.66	13.41	13.91
Nitrobenzene	14.24	13.99	14.49
Nitroglycerin	14.88	14.63	15.13
2,4,6-Trinitrotoluene	15.76	15.51	16.01
4-Amino-2,6-dinitrotoluene	16.31	16.06	16.56
2-Amino-4,6-dinitrotoluene	17.27	17.02	17.52
2,6-Dinitrotoluene	18.85	18.60	19.10
2,4-Dinitrotoluene	19.49	19.24	19.74
2-Nitrotoluene	22.88	22.63	23.13
4-Nitrotoluene	24.53	24.28	24.78
3-Nitrotoluene	26.43	26.18	26.68
PETN	28.77	28.52	29.02
3,4-Dinitrotoluene	16.76	16.51	17.01

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000037.D
Lims ID: CCV 05 Client ID:
Inject. Date: 20-Dec-2012 16:30:28 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0001888-037
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 4
Lims Batch ID: 7620 Lims Sample ID: 37
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m
Last Update: 21-Dec-2012 13:59:32 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK023

First Level Reviewer: noonanr Date: 21-Dec-2012 13:59:32

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.216	5.216	0.0	12827	102.0	
19 RDX						
1	7.509	7.509	0.0	8913	100.2	
3 Ethylene glycol dinitrate						
2	8.206	8.206	0.0	10901	112.5	
10 2,4,6-Trinitrophenol						
2	8.629	8.629	0.0	25207	204.7	
1	8.626	8.626	0.0	17231	208.4	
27 1,3,5-Trinitrobenzene						
1	9.859	9.859	0.0	16378	100.7	
24 1,3-Dinitrobenzene						M
1	12.483	12.483	0.0	16467	101.9	M
9 3,5-Dinitroaniline						M
1	13.229	13.229	0.0	10456	100.6	M
20 Tetryl						M
1	13.663	13.663	0.0	9464	109.3	M
5 Nitrobenzene						M
1	14.243	14.243	0.0	7428	100.7	M
7 Nitroglycerin						
2	14.876	14.876	0.0	6540	100.8	
25 2,4,6-Trinitrotoluene						M
1	15.759	15.759	0.0	9930	107.0	M
26 4-Amino-2,6-dinitrotoluene						M
1	16.306	16.306	0.0	7540	99.6	M
$ 30 3,4-Dinitrotoluene						M
1	16.756	16.756	0.0	5435	96.5	M
2	16.746	16.746	0.0	10244	99.1	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						M
1	17.269	17.269	0.0	8386	100.3	M
12 2,6-Dinitrotoluene						M
1	18.853	18.853	0.0	5878	98.7	M
23 2,4-Dinitrotoluene						M
1	19.493	19.493	0.0	9642	100.5	M
16 o-Nitrotoluene						
1	22.883	22.883	0.0	4257	95.5	
15 p-Nitrotoluene						
1	24.529	24.529	0.0	5236	98.0	
8 m-Nitrotoluene						
1	26.429	26.429	0.0	5222	96.8	
21 PETN						
2	28.769	28.769	0.0	4131	112.5	

QC Flag Legend

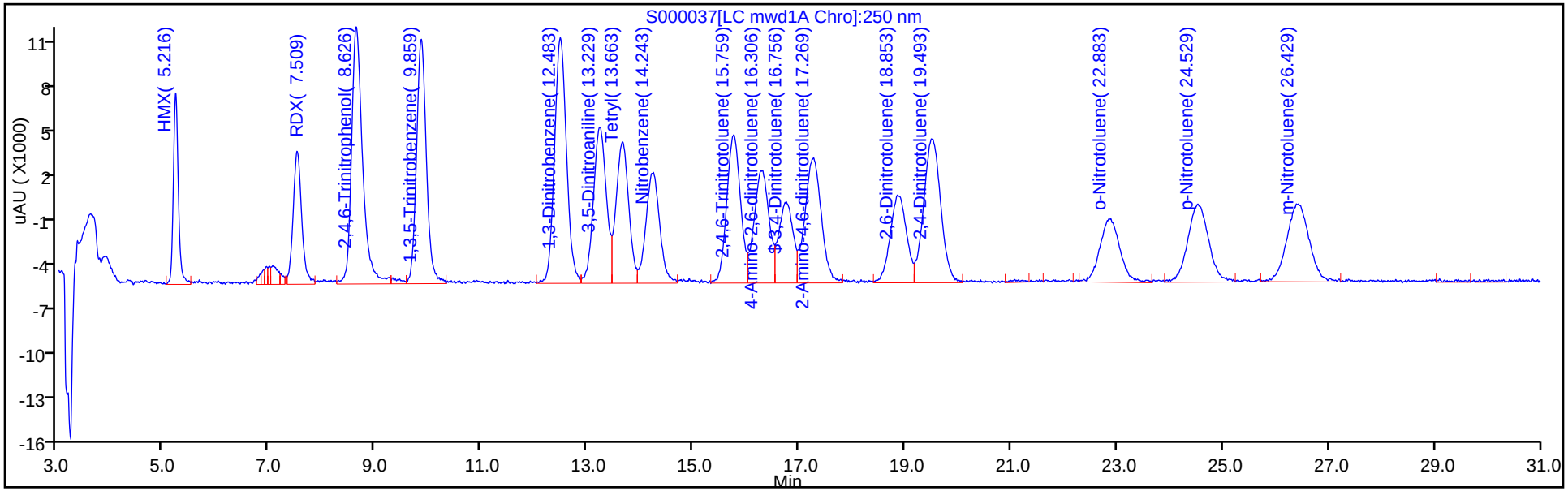
Review Flags
M - Manually Integrated

Report Date: 21-Dec-2012 13:59:33 Chrom Revision: 2.1 20-Dec-2012 15:49:16

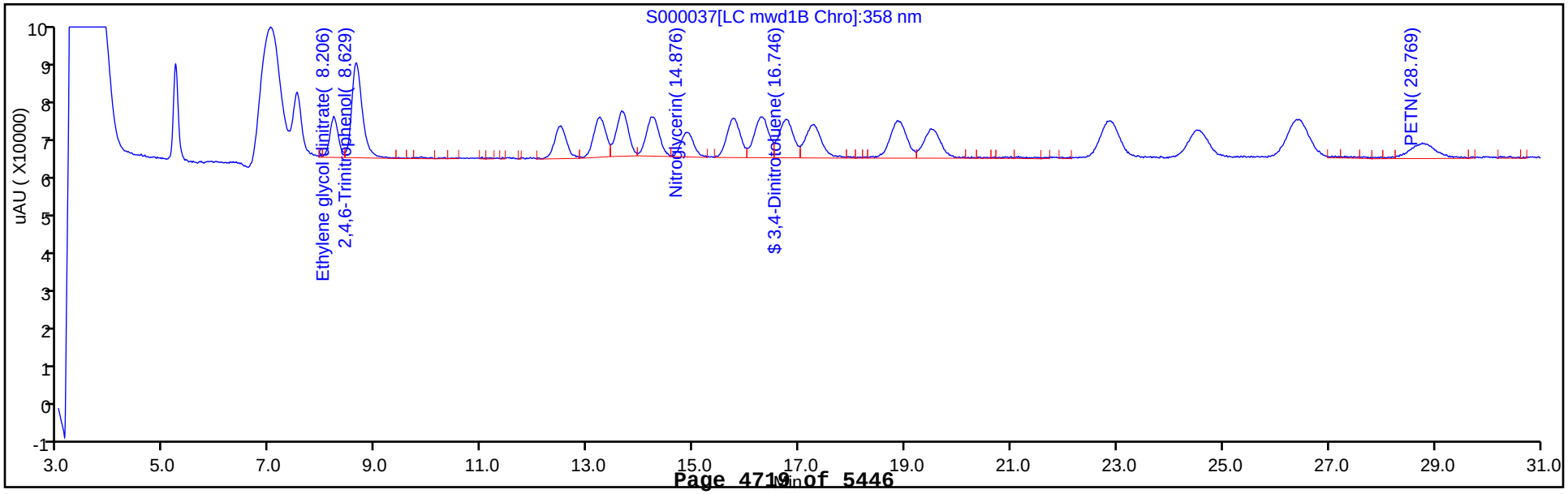
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000037.D		
Injection Date:	20-Dec-2012 16:30:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

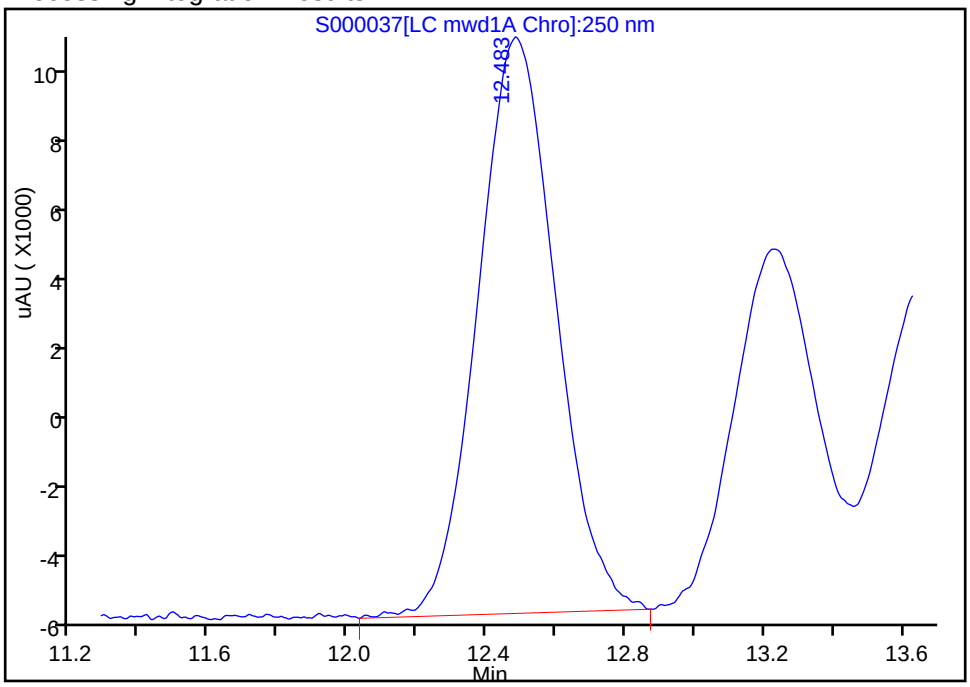
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000037.D		
Injection Date:	20-Dec-2012 16:30:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

24 1,3-Dinitrobenzene, Signal: 1, Type: quant, RT: 12.48, Det: LC mwd1A

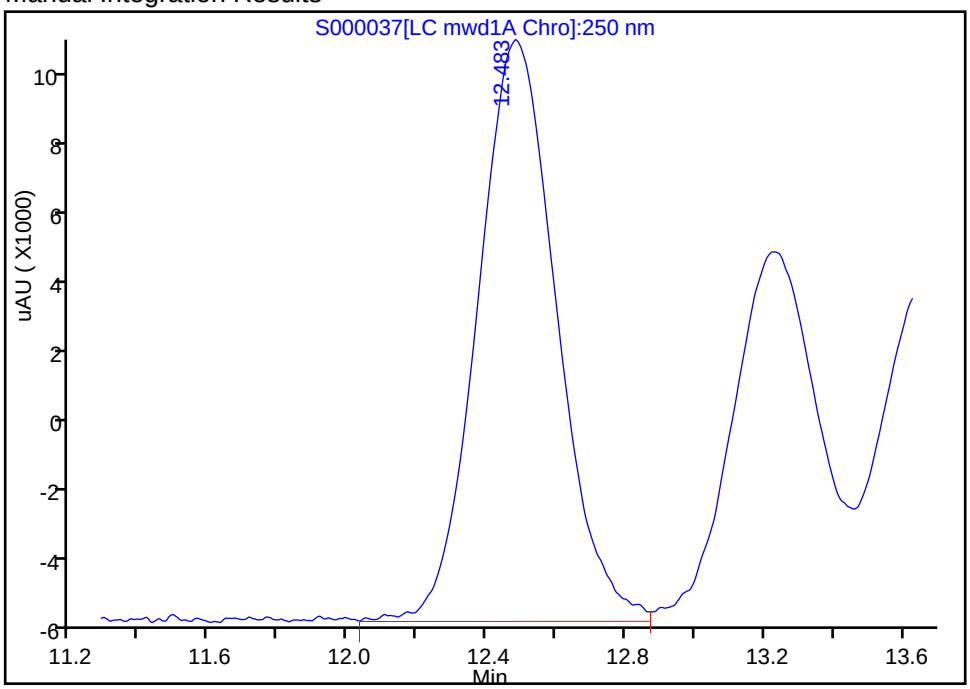
Processing Integration Results

RT: 12.48
Response: 16318
Amount: 100.9348



Manual Integration Results

RT: 12.48
Response: 16467
Amount: 101.8564



Reviewer: noonanr, 21-Dec-2012 13:59:32
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

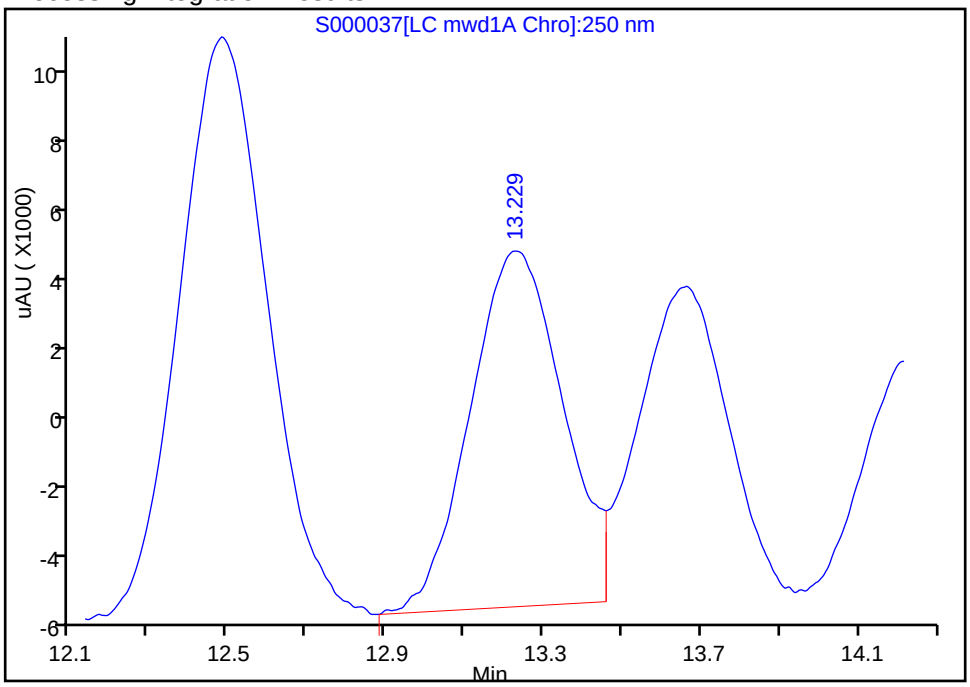
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000037.D		
Injection Date:	20-Dec-2012 16:30:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

9 3,5-Dinitroaniline, Signal: 1, Type: quant, RT: 13.23, Det: LC mwd1A

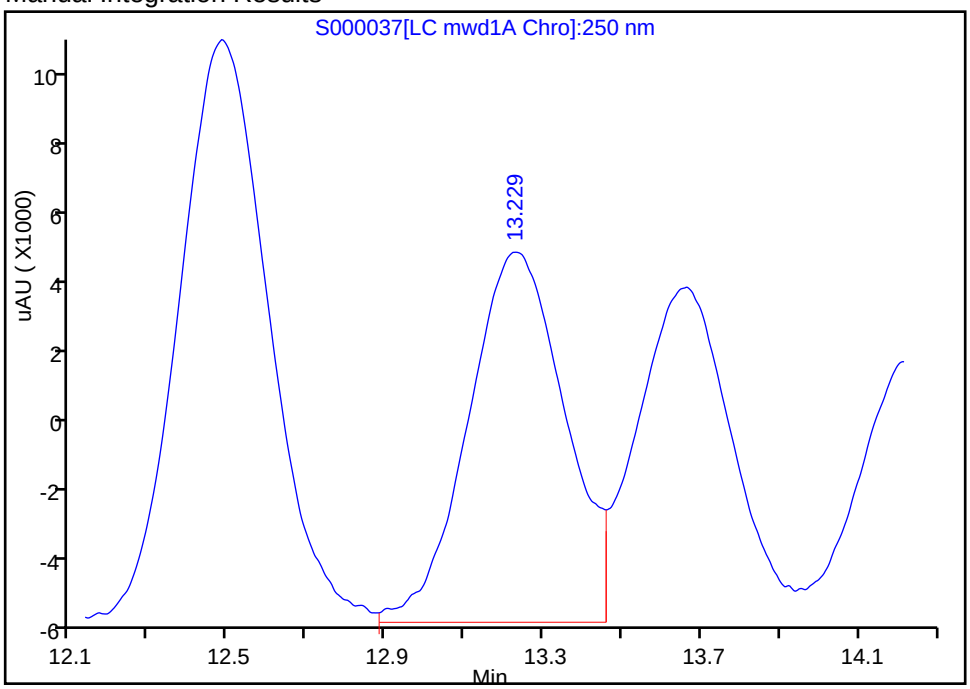
Processing Integration Results

RT: 13.23
Response: 9976
Amount: 96.005120



Manual Integration Results

RT: 13.23
Response: 10456
Amount: 100.6245



Reviewer: noonanr, 21-Dec-2012 13:59:32
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

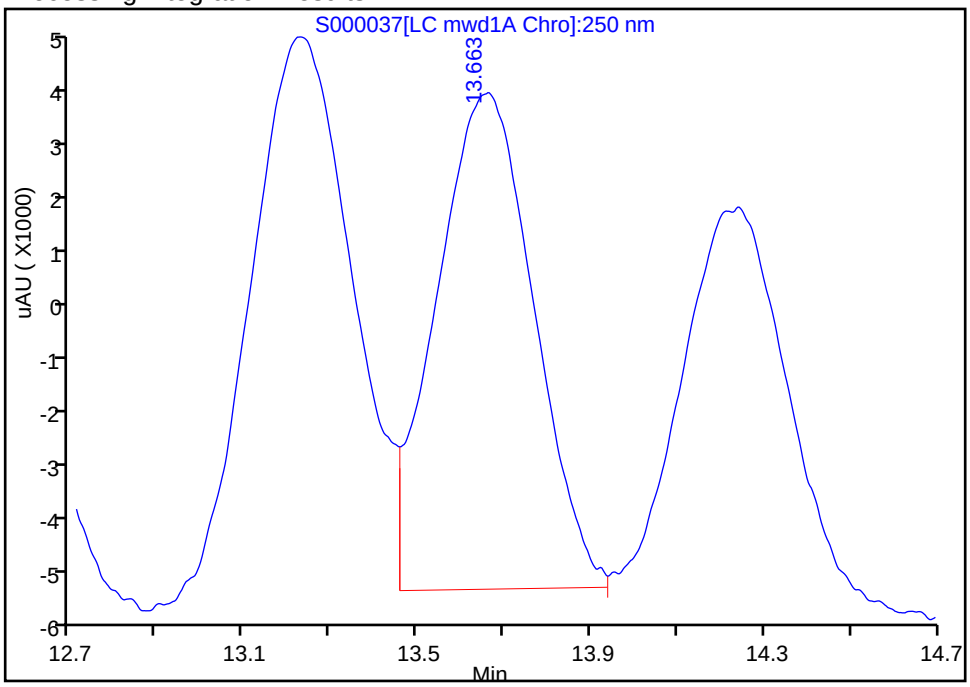
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000037.D		
Injection Date:	20-Dec-2012 16:30:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

20 Tetryl, Signal: 1, Type: quant, RT: 13.66, Det: LC mwd1A

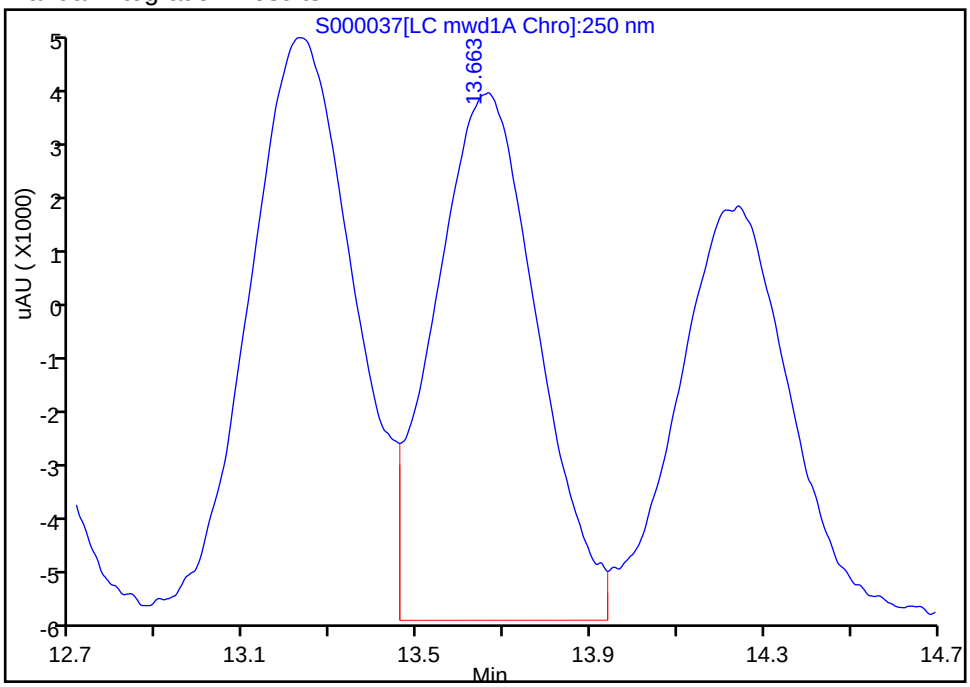
Processing Integration Results

RT: 13.66
Response: 8818
Amount: 101.8823



Manual Integration Results

RT: 13.66
Response: 9464
Amount: 109.3461



Reviewer: noonanr, 21-Dec-2012 13:59:32
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

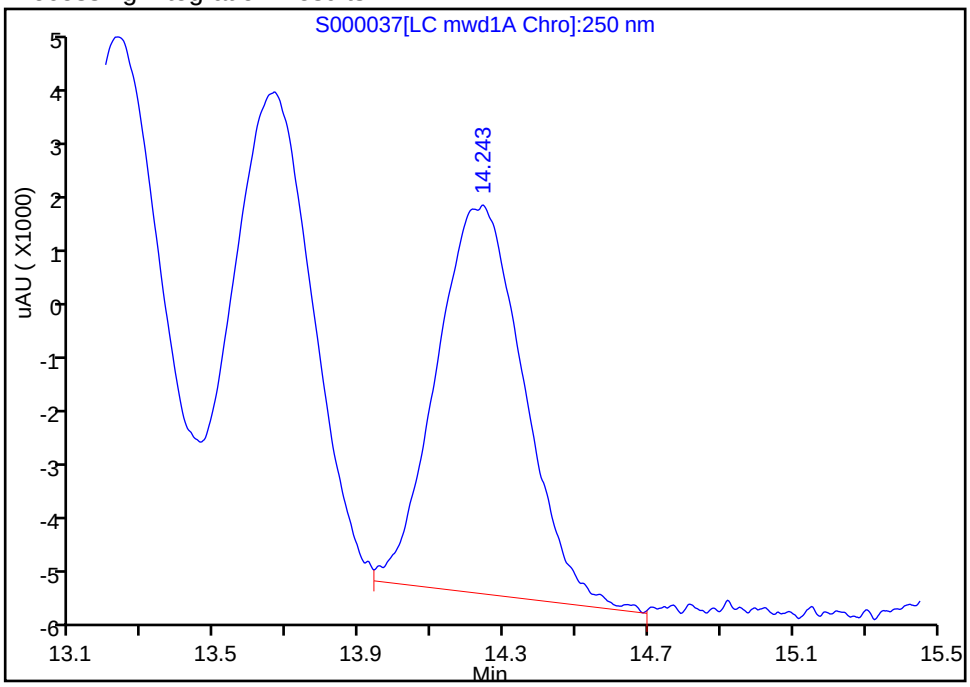
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000037.D		
Injection Date:	20-Dec-2012 16:30:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

5 Nitrobenzene, Signal: 1, Type: quant, RT: 14.24, Det: LC mwd1A

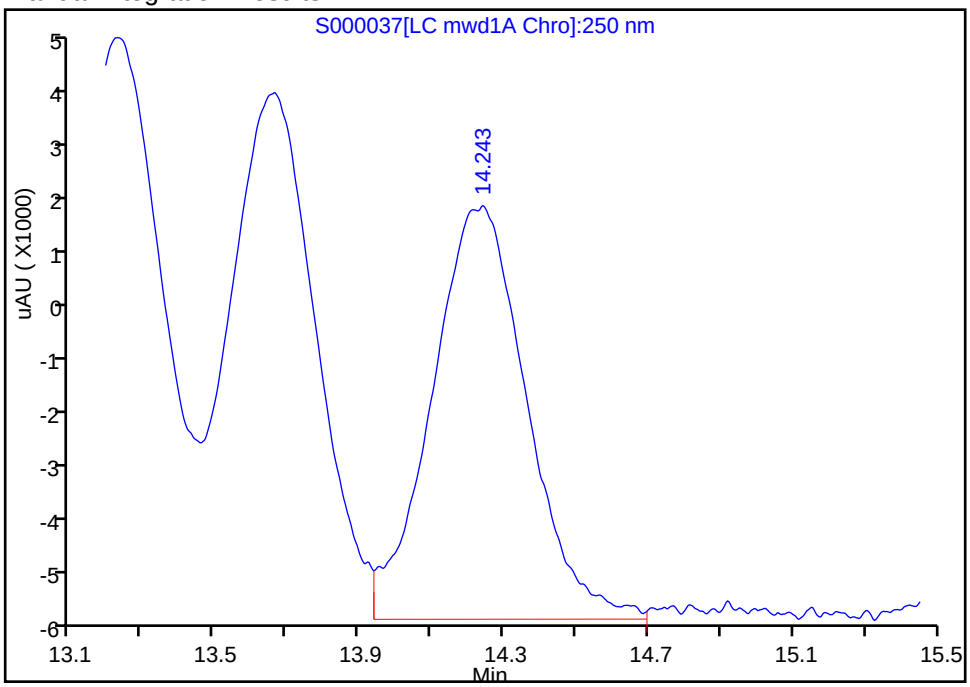
Processing Integration Results

RT: 14.24
Response: 6985
Amount: 94.725190



Manual Integration Results

RT: 14.24
Response: 7428
Amount: 100.7328



Reviewer: noonanr, 21-Dec-2012 13:59:32
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

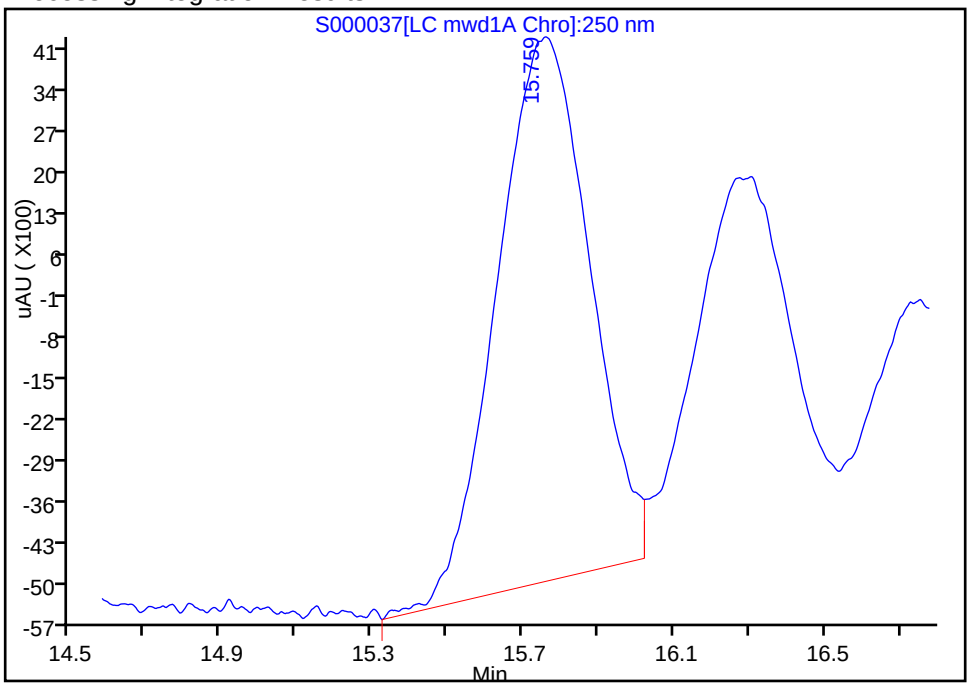
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000037.D		
Injection Date:	20-Dec-2012 16:30:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

25 2,4,6-Trinitrotoluene, Signal: 1, Type: quant, RT: 15.76, Det: LC mwd1A

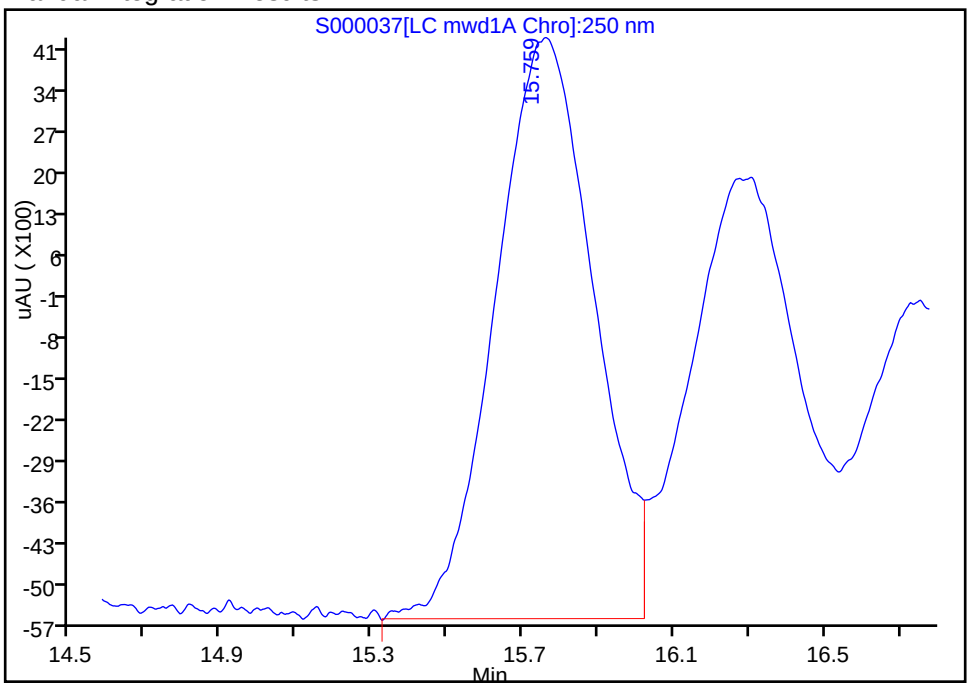
Processing Integration Results

RT: 15.76
Response: 9307
Amount: 100.3030



Manual Integration Results

RT: 15.76
Response: 9930
Amount: 107.0171



Reviewer: noonanr, 21-Dec-2012 13:59:32
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

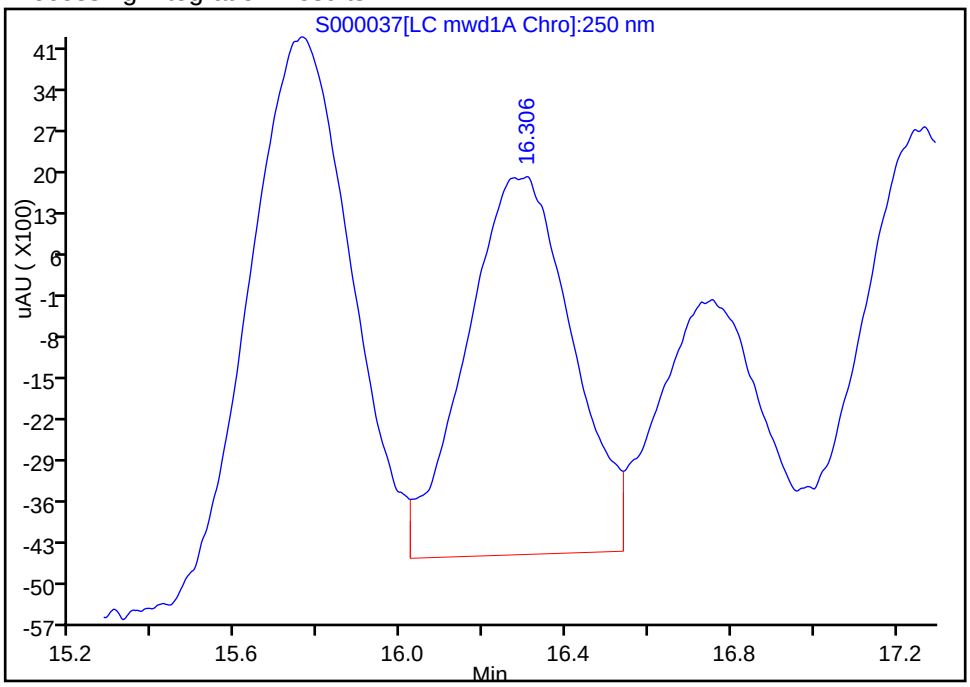
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000037.D		
Injection Date:	20-Dec-2012 16:30:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

26 4-Amino-2,6-dinitrotoluene, Signal: 1, Type: quant, RT: 16.31, Det: LC mwd1A

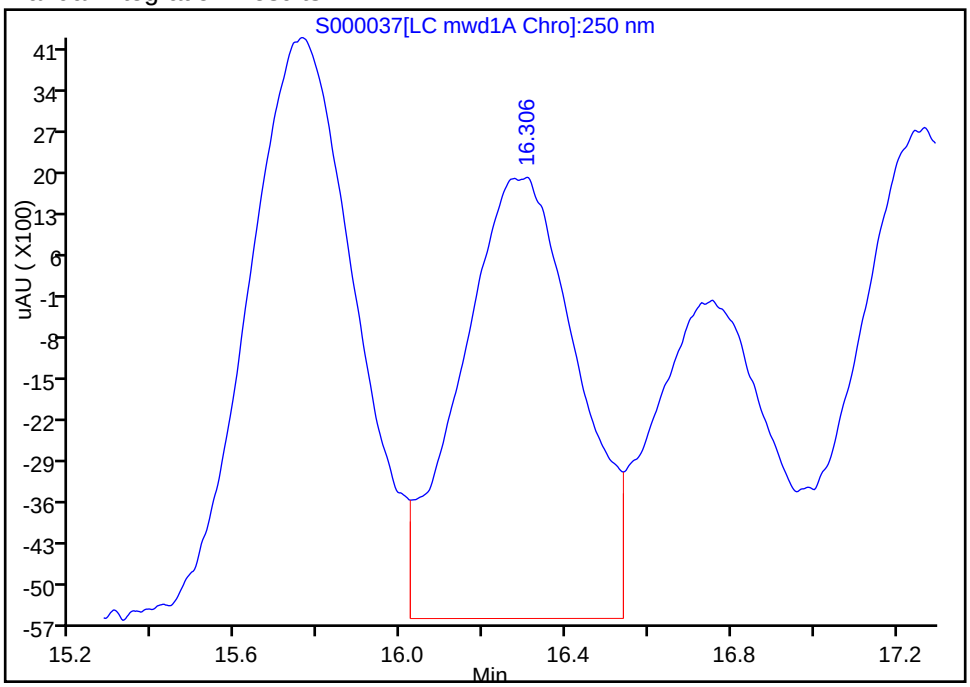
Processing Integration Results

RT: 16.31
Response: 6457
Amount: 85.262591



Manual Integration Results

RT: 16.31
Response: 7540
Amount: 99.563255



Reviewer: noonanr, 21-Dec-2012 13:59:32
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

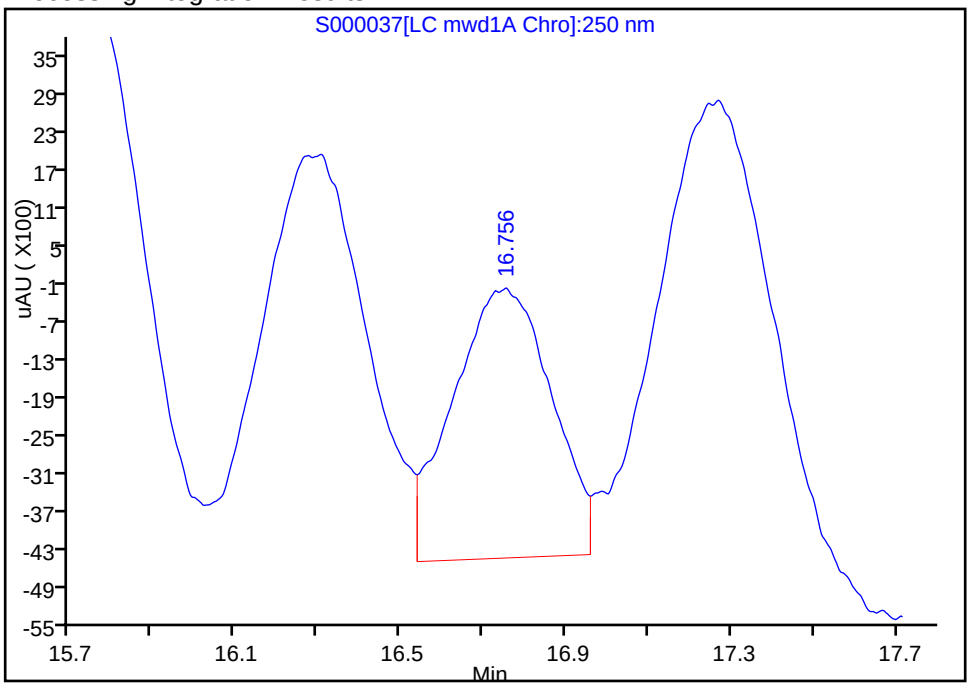
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000037.D		
Injection Date:	20-Dec-2012 16:30:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

$ 30 3,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 16.76, Det: LC mwd1A

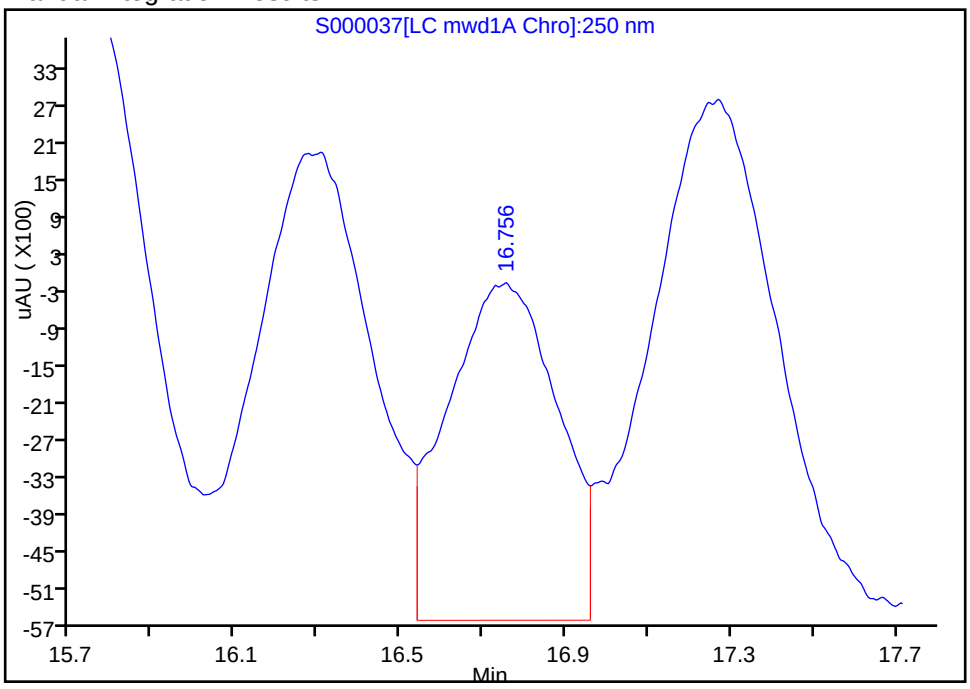
Processing Integration Results

RT: 16.76
Response: 4243
Amount: 75.341148



Manual Integration Results

RT: 16.76
Response: 5435
Amount: 96.506986



Reviewer: noonanr, 21-Dec-2012 13:59:32
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

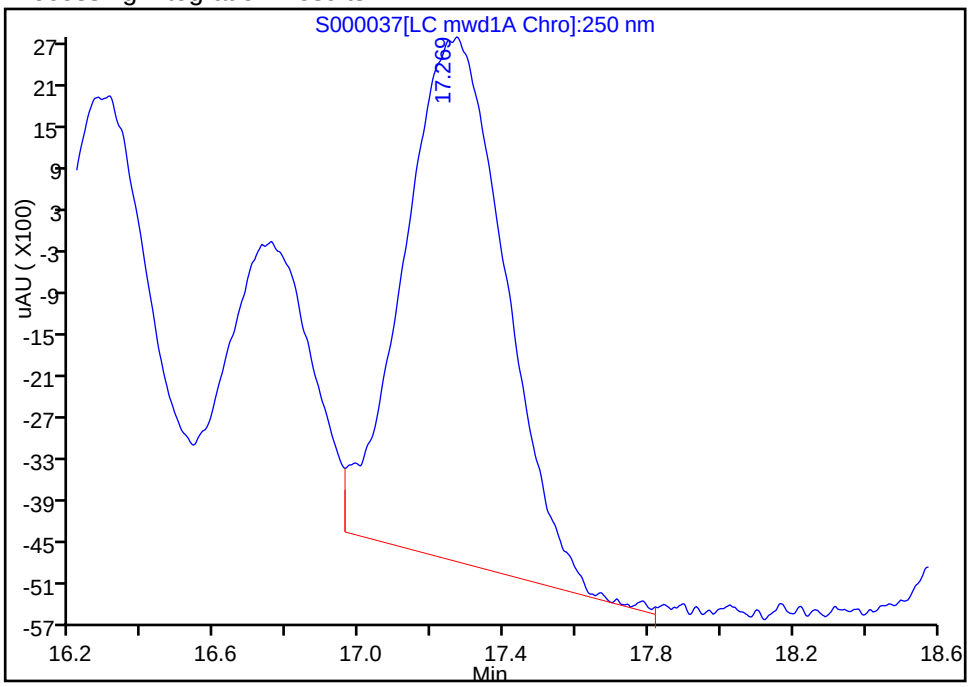
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000037.D		
Injection Date:	20-Dec-2012 16:30:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

6 2-Amino-4,6-dinitrotoluene, Signal: 1, Type: quant, RT: 17.27, Det: LC mwd1A

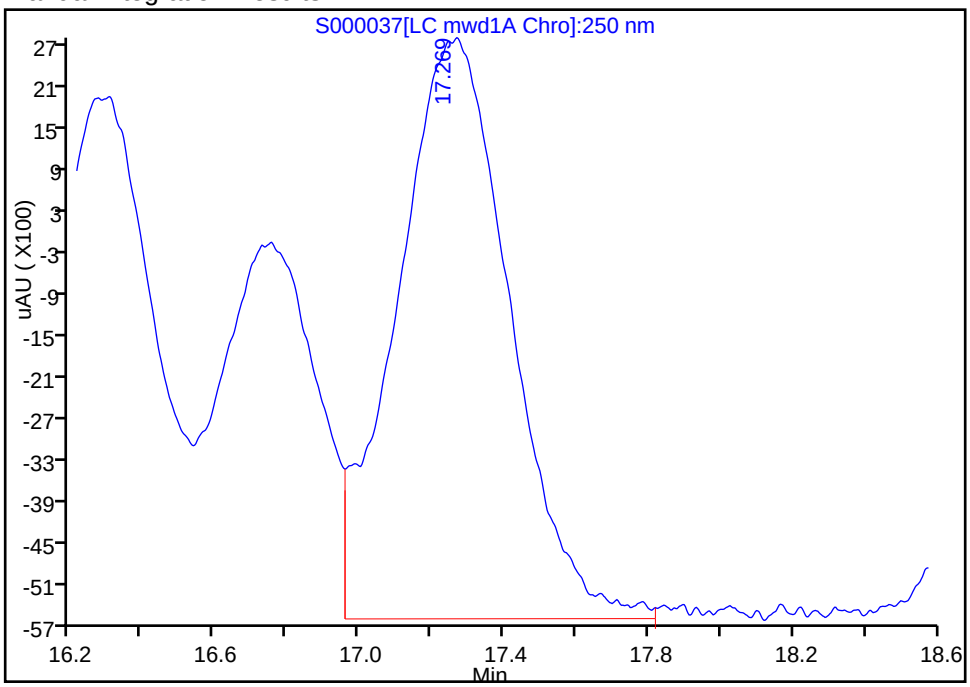
Processing Integration Results

RT: 17.27
Response: 7571
Amount: 90.571681



Manual Integration Results

RT: 17.27
Response: 8386
Amount: 100.3215



Reviewer: noonanr, 21-Dec-2012 13:59:32
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

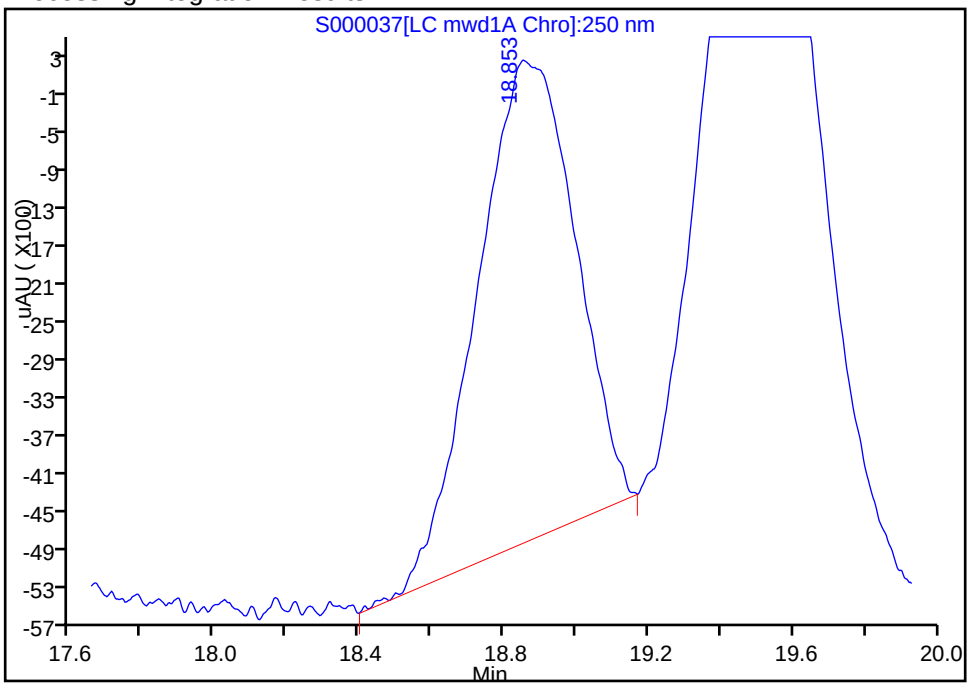
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000037.D		
Injection Date:	20-Dec-2012 16:30:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

12 2,6-Dinitrotoluene, Signal: 1, Type: quant, RT: 18.85, Det: LC mwd1A

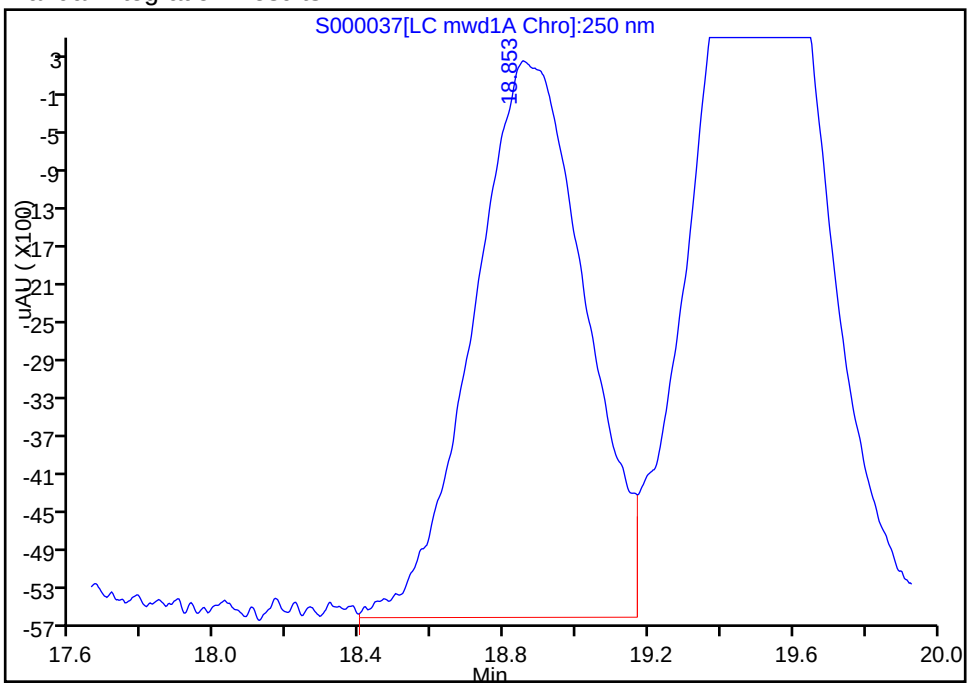
Processing Integration Results

RT: 18.85
Response: 5102
Amount: 85.630248



Manual Integration Results

RT: 18.85
Response: 5878
Amount: 98.654370



Reviewer: noonanr, 21-Dec-2012 13:59:32
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

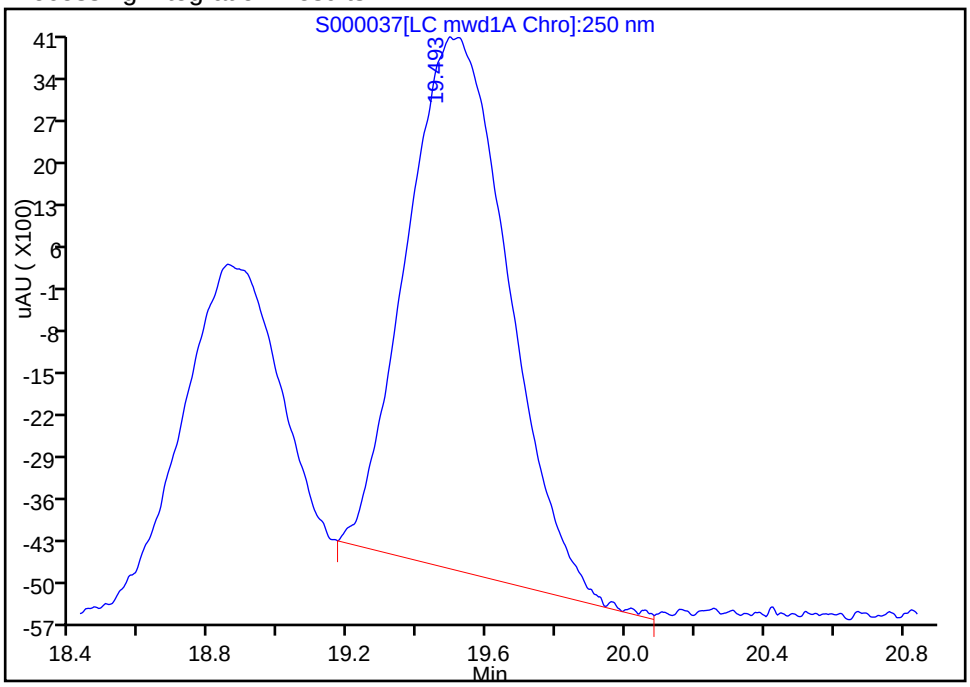
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000037.D		
Injection Date:	20-Dec-2012 16:30:28	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	37
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

23 2,4-Dinitrotoluene, Signal: 1, Type: quant, RT: 19.49, Det: LC mwd1A

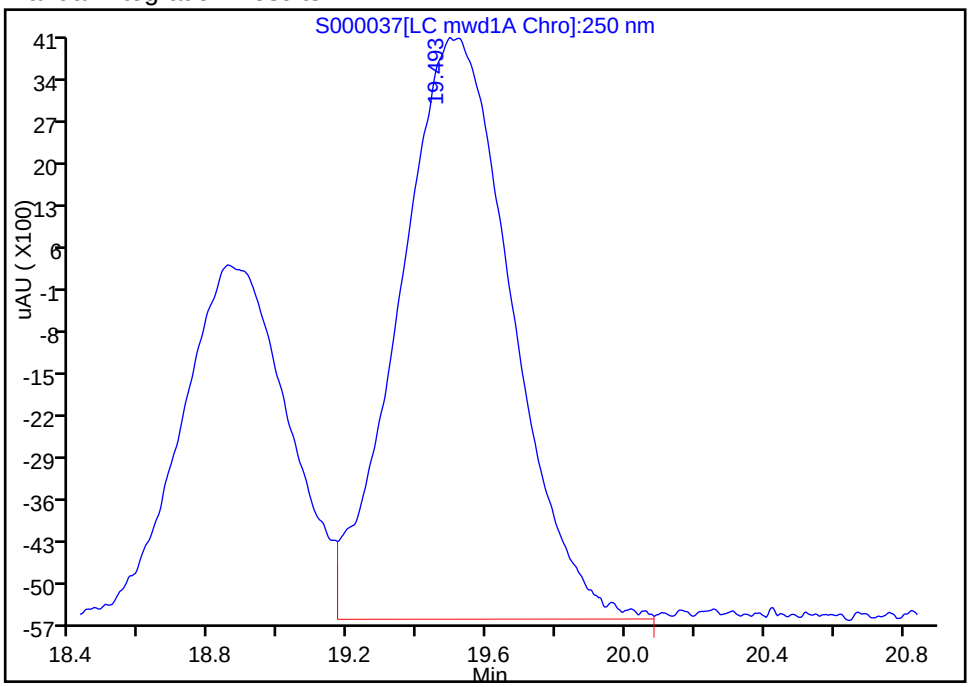
Processing Integration Results

RT: 19.49
Response: 8815
Amount: 91.853295



Manual Integration Results

RT: 19.49
Response: 9642
Amount: 100.4707



Reviewer: noonanr, 21-Dec-2012 13:59:32
Audit Action: Assigned New Baseline
Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7620/46 Calibration Date: 12/20/2012 23:14

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: S000047.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	128.1		102	100	1.8	20.0
RDX	Ave	88.99	89.65		101	100	0.7	20.0
Ethylene glycol dinitrate	Ave	96.86	104.0		107	100	7.4	20.0
1,3,5-Trinitrobenzene	Ave	162.7	165.3		102	100	1.6	20.0
1,3-Dinitrobenzene	Ave	161.7	165.4		102	100	2.3	20.0
3,5-Dinitroaniline	Ave	103.9	106.6		103	100	2.6	20.0
Tetryl	Ave	86.55	95.22		110	100	10.0	20.0
Nitrobenzene	Ave	73.74	74.49		101	100	1.0	20.0
Nitroglycerin	Ave	64.89	67.59		104	100	4.2	20.0
2,4,6-Trinitrotoluene	Ave	92.79	101.3		109	100	9.2	20.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	76.30		101	100	0.8	20.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	85.02		102	100	1.7	20.0
2,6-Dinitrotoluene	Ave	59.58	59.20		99.4	100	-0.6	20.0
2,4-Dinitrotoluene	Ave	95.97	99.13		103	100	3.3	20.0
2-Nitrotoluene	Ave	44.56	41.32		92.7	100	-7.3	20.0
4-Nitrotoluene	Ave	53.43	52.04		97.4	100	-2.6	20.0
3-Nitrotoluene	Ave	53.94	52.15		96.7	100	-3.3	20.0
PETN	Ave	36.72	35.42		96.4	100	-3.6	20.0
3,4-Dinitrotoluene	Ave	56.32	55.55		98.6	100	-1.4	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7620/46 Calibration Date: 12/20/2012 23:14

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: S000047.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.21	4.96	5.46
RDX	7.49	7.24	7.74
Ethylene glycol dinitrate	8.17	7.92	8.42
1,3,5-Trinitrobenzene	9.83	9.58	10.08
1,3-Dinitrobenzene	12.44	12.19	12.69
3,5-Dinitroaniline	13.18	12.93	13.43
Tetryl	13.60	13.35	13.85
Nitrobenzene	14.17	13.92	14.42
Nitroglycerin	14.84	14.59	15.09
2,4,6-Trinitrotoluene	15.72	15.47	15.97
4-Amino-2,6-dinitrotoluene	16.23	15.98	16.48
2-Amino-4,6-dinitrotoluene	17.22	16.97	17.47
2,6-Dinitrotoluene	18.84	18.59	19.09
2,4-Dinitrotoluene	19.45	19.20	19.70
2-Nitrotoluene	22.80	22.55	23.05
4-Nitrotoluene	24.44	24.19	24.69
3-Nitrotoluene	26.33	26.08	26.58
PETN	28.65	28.40	28.90
3,4-Dinitrotoluene	16.69	16.44	16.94

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000047.D
Lims ID: CCV 05 Client ID:
Inject. Date: 20-Dec-2012 23:14:39 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 320-0001888-046
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 4
Lims Batch ID: 7620 Lims Sample ID: 46
Sublist: chrom-8330_LC10*sub1

Method: \\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m
Last Update: 21-Dec-2012 14:20:31 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK023

First Level Reviewer: noonanr Date: 21-Dec-2012 14:20:31

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.206	5.206	0.0	12809	101.8	
19 RDX						
1	7.489	7.489	0.0	8965	100.7	
3 Ethylene glycol dinitrate						
2	8.173	8.173	0.0	10400	107.4	
10 2,4,6-Trinitrophenol						
2	8.603	8.603	0.0	24833	201.6	
1	8.599	8.599	0.0	17351	209.9	
27 1,3,5-Trinitrobenzene						
1	9.826	9.826	0.0	16525	101.6	
24 1,3-Dinitrobenzene						
1	12.443	12.443	0.0	16541	102.3	
9 3,5-Dinitroaniline						
1	13.183	13.183	0.0	10660	102.6	
20 Tetryl						
1	13.600	13.600	0.0	9522	110.0	
5 Nitrobenzene						
1	14.170	14.170	0.0	7449	101.0	
7 Nitroglycerin						
2	14.840	14.840	0.0	6759	104.2	
25 2,4,6-Trinitrotoluene						
1	15.716	15.716	0.0	10130	109.2	
26 4-Amino-2,6-dinitrotoluene						
1	16.230	16.230	0.0	7630	100.8	
$ 30 3,4-Dinitrotoluene						
1	16.686	16.686	0.0	5555	98.6	
2	16.690	16.690	0.0	10181	98.5	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
6 2-Amino-4,6-dinitrotoluene						
1	17.223	17.223	0.0	8502	101.7	
12 2,6-Dinitrotoluene						
1	18.836	18.836	0.0	5920	99.4	
23 2,4-Dinitrotoluene						
1	19.450	19.450	0.0	9913	103.3	
16 o-Nitrotoluene						
1	22.796	22.796	0.0	4132	92.7	
15 p-Nitrotoluene						
1	24.443	24.443	0.0	5204	97.4	
8 m-Nitrotoluene						
1	26.333	26.333	0.0	5215	96.7	
21 PETN						M
2	28.653	28.653	0.0	3542	96.4	M

QC Flag Legend

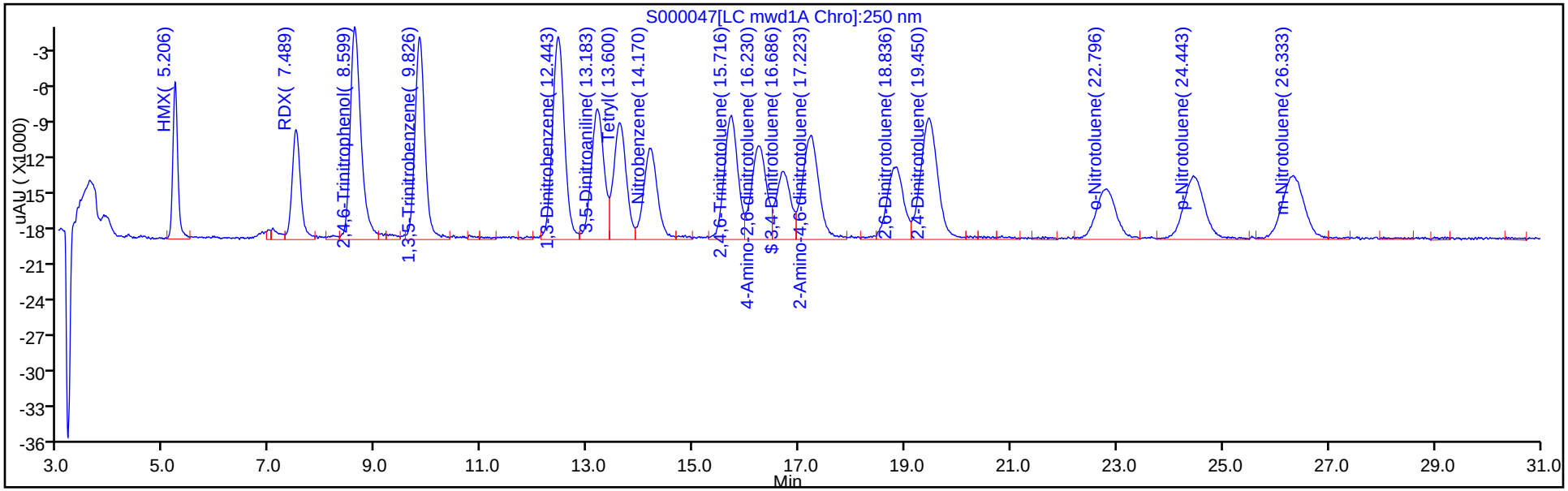
Review Flags
M - Manually Integrated

Report Date: 21-Dec-2012 14:20:32 Chrom Revision: 2.1 20-Dec-2012 15:49:16

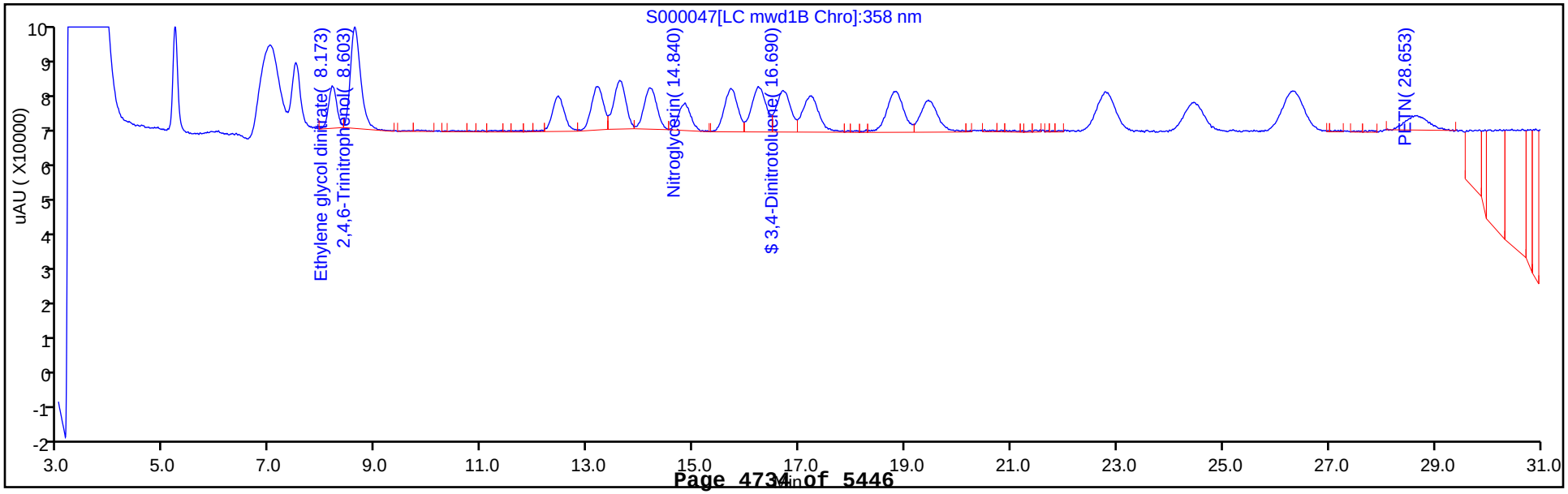
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000047.D		
Injection Date:	20-Dec-2012 23:14:39	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	46
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Report Date: 21-Dec-2012 14:20:32 Chrom Revision: 2.1 20-Dec-2012 15:49:16

Manual Integration/User Assign Peak Report

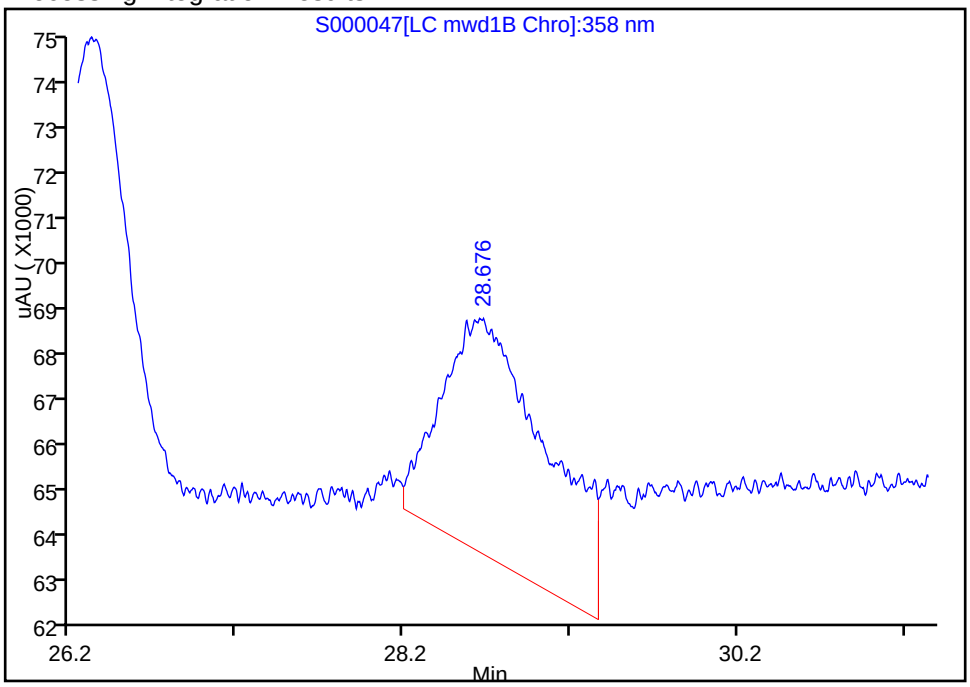
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000047.D		
Injection Date:	20-Dec-2012 23:14:39	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	46
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 28.65, Det: LC mwd1B

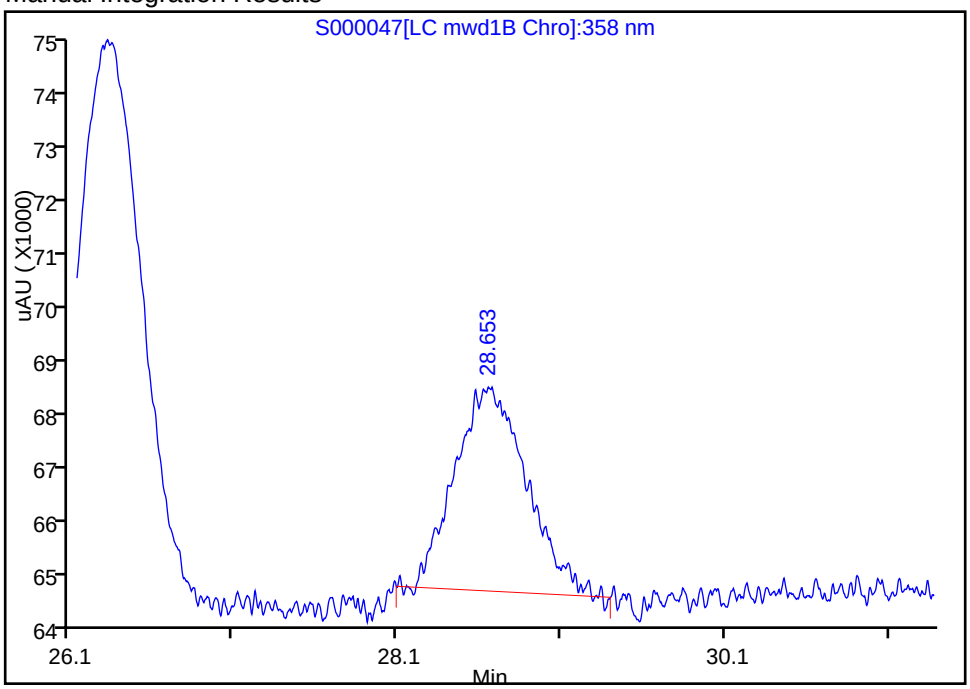
Processing Integration Results

RT: 28.68
Response: 5061
Amount: 137.8093



Manual Integration Results

RT: 28.65
Response: 3542
Amount: 96.447438



Reviewer: noonanr, 21-Dec-2012 14:20:31
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCVL 320-7620/47 Calibration Date: 12/20/2012 23:55

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: S000048.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
HMX	Ave	125.8	166.0		6.60	5.00	31.9*	30.0
RDX	Ave	88.99	147.8		8.30	5.00	66.1*	30.0
1,3,5-Trinitrobenzene	Ave	162.7	198.6		6.10	5.00	22.1	30.0
1,3-Dinitrobenzene	Ave	161.7	194.8		6.02	5.00	20.5	30.0
3,5-Dinitroaniline	Ave	103.9	137.8		6.63	5.00	32.6*	30.0
Tetryl	Ave	86.55	119.4		6.90	5.00	38.0*	30.0
Nitrobenzene	Ave	73.74	103.2		7.00	5.00	40.0*	30.0
Nitroglycerin	Ave	64.89	77.75		24.0	20.0	19.8	30.0
2,4,6-Trinitrotoluene	Ave	92.79	128.6		6.93	5.00	38.6*	30.0
4-Amino-2,6-dinitrotoluene	Ave	75.73	110.4		7.29	5.00	45.8*	30.0
2-Amino-4,6-dinitrotoluene	Ave	83.59	104.0		6.22	5.00	24.4	30.0
2,6-Dinitrotoluene	Ave	59.58	92.00		7.72	5.00	54.4*	30.0
2,4-Dinitrotoluene	Ave	95.97	124.8		6.50	5.00	30.0	30.0
2-Nitrotoluene	Ave	44.56	71.60		8.04	5.00	60.7*	30.0
4-Nitrotoluene	Ave	53.43	75.20		7.04	5.00	40.7*	30.0
3-Nitrotoluene	Ave	53.94	69.00		6.40	5.00	27.9	30.0
PETN	Ave	36.72	61.30		33.4	20.0	66.9*	30.0
3,4-Dinitrotoluene	Ave	56.32	59.95		21.3	20.0	6.5	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCVL 320-7620/47 Calibration Date: 12/20/2012 23:55

Instrument ID: LC10 Calib Start Date: 09/01/2012 11:50

GC Column: Synergi C18 ID: 4.60(mm) Calib End Date: 09/01/2012 16:31

Lab File ID: S000048.D

Analyte	RT	RT WINDOW	
		FROM	TO
HMX	5.22	4.97	5.47
RDX	7.49	7.24	7.74
1,3,5-Trinitrobenzene	9.84	9.59	10.09
1,3-Dinitrobenzene	12.46	12.21	12.71
3,5-Dinitroaniline	13.21	12.96	13.46
Tetryl	13.64	13.39	13.89
Nitrobenzene	14.20	13.95	14.45
Nitroglycerin	14.88	14.63	15.13
2,4,6-Trinitrotoluene	15.75	15.50	16.00
4-Amino-2,6-dinitrotoluene	16.27	16.02	16.52
2-Amino-4,6-dinitrotoluene	17.28	17.03	17.53
2,6-Dinitrotoluene	18.89	18.64	19.14
2,4-Dinitrotoluene	19.46	19.21	19.71
2-Nitrotoluene	22.83	22.58	23.08
4-Nitrotoluene	24.48	24.23	24.73
3-Nitrotoluene	26.26	26.01	26.51
PETN	28.73	28.48	28.98
3,4-Dinitrotoluene	16.75	16.50	17.00

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000048.D
Lims ID: CCVL Client ID:
Inject. Date: 20-Dec-2012 23:55:13 Dil. Factor: 1.0000
Sample Type: CCVL
Sample ID: 320-0001888-047
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 10
Lims Batch ID: 7620 Lims Sample ID: 47
Sublist: chrom-8330_LC10*sub2

Method: \\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m
Last Update: 21-Dec-2012 14:23:44 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK023

First Level Reviewer: noonanr Date: 21-Dec-2012 14:23:44

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.218	5.218	0.0	830	6.60	
19 RDX						
1	7.491	7.491	0.0	739	8.30	
27 1,3,5-Trinitrobenzene						
1	9.838	9.838	0.0	993	6.10	
24 1,3-Dinitrobenzene						
1	12.461	12.461	0.0	974	6.02	
9 3,5-Dinitroaniline						
1	13.208	13.208	0.0	689	6.63	
20 Tetryl						
1	13.641	13.641	0.0	597	6.90	
5 Nitrobenzene						
1	14.198	14.198	0.0	516	7.00	
7 Nitroglycerin						
2	14.878	14.878	0.0	1555	24.0	
25 2,4,6-Trinitrotoluene						
1	15.748	15.748	0.0	643	6.93	
26 4-Amino-2,6-dinitrotoluene						M
1	16.271	16.271	0.0	552	7.29	M
$ 30 3,4-Dinitrotoluene						
1	16.751	16.751	0.0	1199	21.3	
2	16.738	16.738	0.0	2295	22.2	
6 2-Amino-4,6-dinitrotoluene						
1	17.278	17.278	0.0	520	6.22	
12 2,6-Dinitrotoluene						
1	18.894	18.894	0.0	460	7.72	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
23 2,4-Dinitrotoluene						
1	19.458	19.458	0.0	624	6.50	
16 o-Nitrotoluene						
1	22.828	22.828	0.0	358	8.04	
15 p-Nitrotoluene						
1	24.484	24.484	0.0	376	7.04	
8 m-Nitrotoluene						
1	26.261	26.261	0.0	345	6.40	
21 PETN						
2	28.731	28.731	0.0	1226	33.4	

QC Flag Legend

Review Flags
M - Manually Integrated

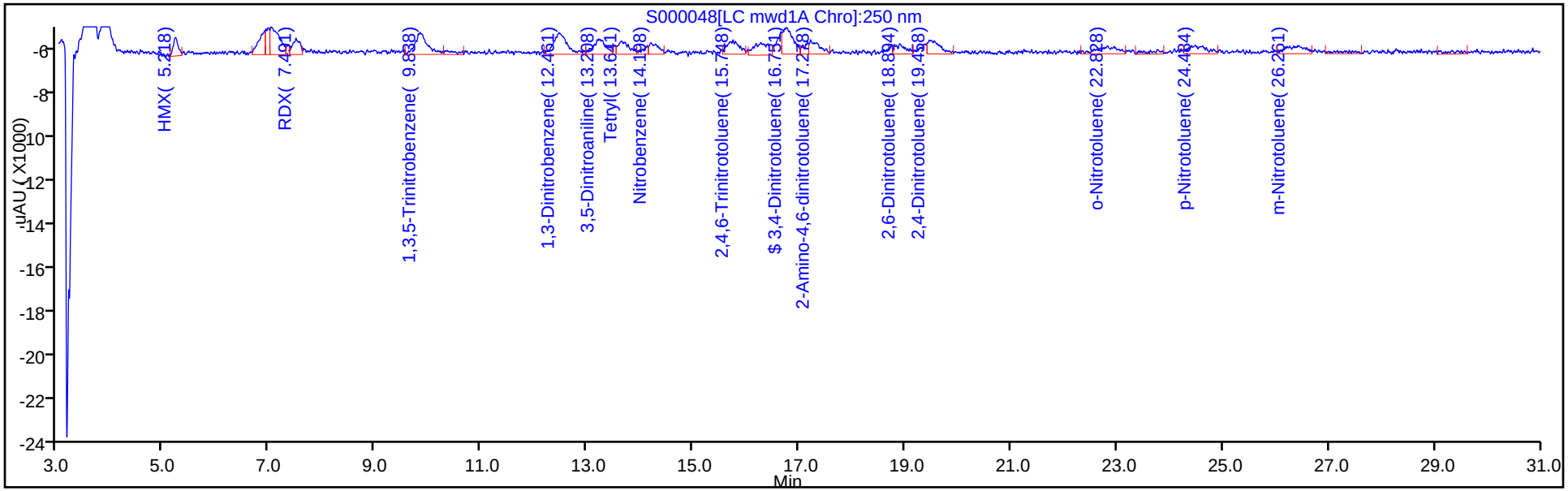
Report Date: 21-Dec-2012 14:23:45 Chrom Revision: 2.1 20-Dec-2012 15:49:16

TestAmerica West Sacramento

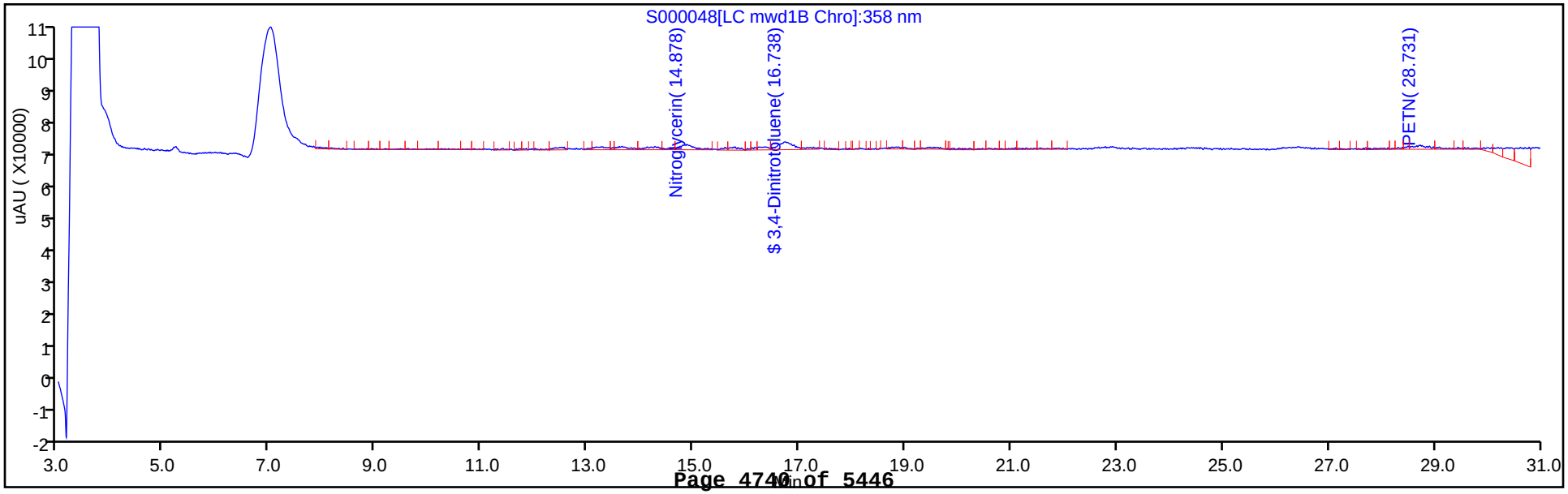
Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000048.D

Injection Date:	20-Dec-2012 23:55:13	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	47
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

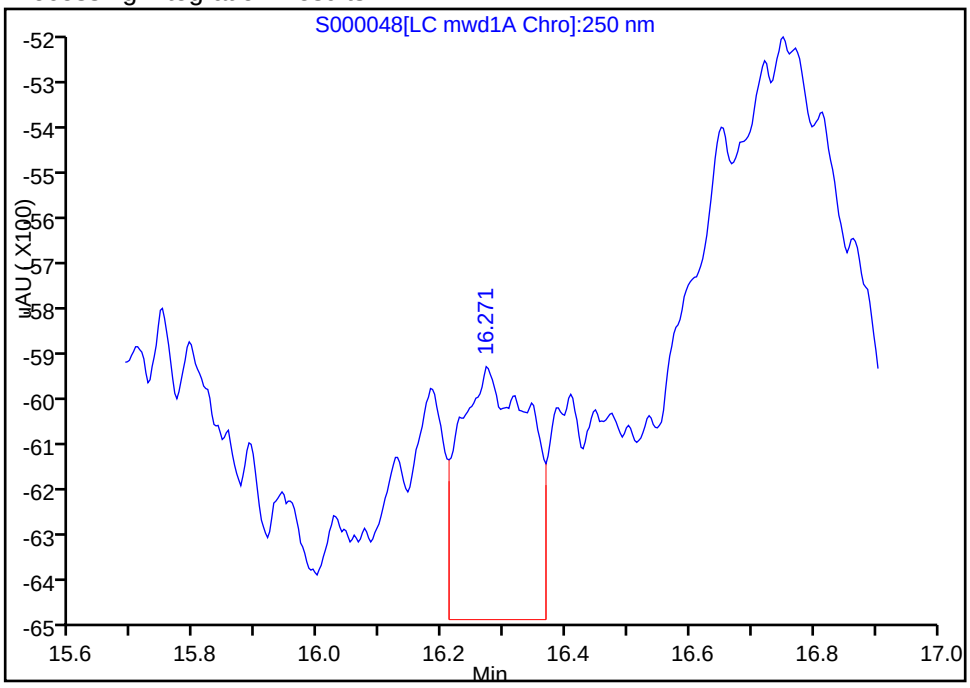
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000048.D		
Injection Date:	20-Dec-2012 23:55:13	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	47
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

26 4-Amino-2,6-dinitrotoluene, Signal: 1, Type: quant, RT: 16.27, Det: LC mwd1A

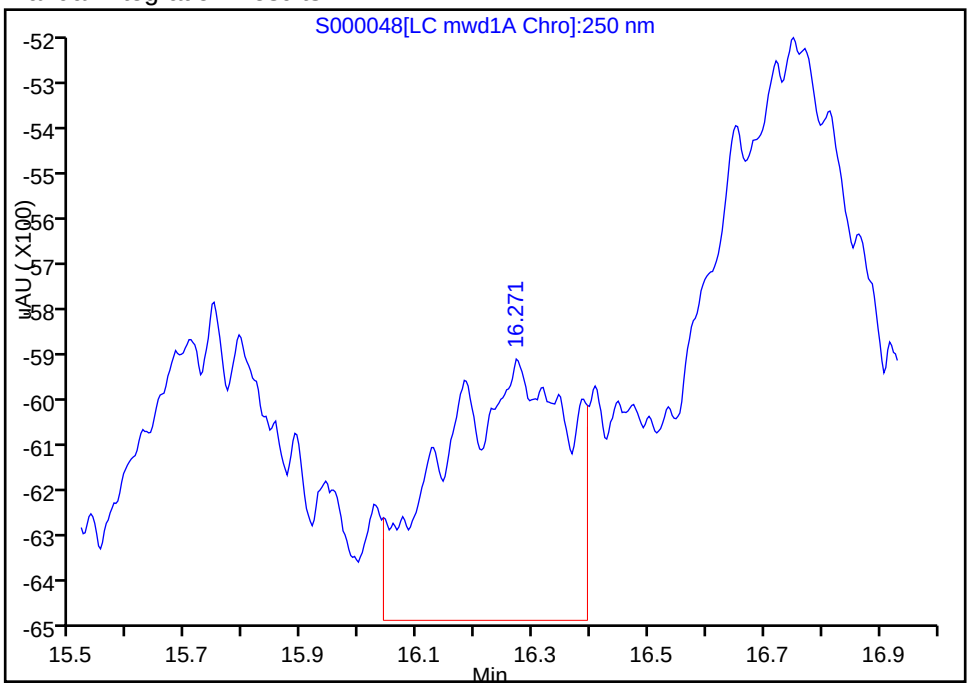
Processing Integration Results

RT: 16.27
Response: 521
Amount: 6.879636



Manual Integration Results

RT: 16.27
Response: 552
Amount: 7.288981



Reviewer: noonanr, 21-Dec-2012 14:23:44
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 320-4221/12 Calibration Date: 10/01/2012 23:24

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: C-000014.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	46.99		515	500	3.1	20.0
Ethylene glycol dinitrate	Ave	21.09	23.66		561	500	12.2	20.0
1,3-Dinitrobenzene	Ave	100.4	99.30		495	500	-1.1	20.0
1,3,5-Trinitrobenzene	Ave	78.76	77.75		494	500	-1.3	20.0
2-Nitrotoluene	Ave	60.89	58.73		482	500	-3.6	20.0
4-Nitrotoluene	Ave	60.89	58.73		482	500	-3.6	20.0
3-Nitrotoluene	Ave	40.52	38.86		480	500	-4.1	20.0
3,5-Dinitroaniline	Ave	79.66	85.27		535	500	7.0	20.0
RDX	Ave	47.24	47.29		501	500	0.1	20.0
2,4-Dinitrotoluene	Ave	92.07	91.17		495	500	-1.0	20.0
2,6-Dinitrotoluene	Ave	54.36	54.14		498	500	-0.4	20.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	74.17		489	500	-2.3	20.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	61.58		488	500	-2.5	20.0
2,4,6-Trinitrotoluene	Ave	73.84	77.95		528	500	5.6	20.0
HMX	Ave	62.43	61.60		493	500	-1.3	20.0
Nitroglycerin	Ave	86.52	85.85		496	500	-0.8	20.0
Tetryl	Ave	117.1	125.2		535	500	6.9	20.0
PETN	Ave	151.5	154.2		509	500	1.7	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICV 320-4221/12 Calibration Date: 10/01/2012 23:24

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: C-000014.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	21.49	21.17	21.67
Ethylene glycol dinitrate	22.41	22.10	22.60
1,3-Dinitrobenzene	24.42	24.11	24.61
1,3,5-Trinitrobenzene	26.92	26.63	27.13
2-Nitrotoluene	28.50	28.18	28.68
4-Nitrotoluene	28.50	28.18	28.68
3-Nitrotoluene	29.07	28.74	29.24
3,5-Dinitroaniline	30.56	30.23	30.73
RDX	31.22	30.88	31.38
2,4-Dinitrotoluene	32.14	31.81	32.31
2,6-Dinitrotoluene	33.12	32.78	33.28
2-Amino-4,6-dinitrotoluene	35.31	34.94	35.44
4-Amino-2,6-dinitrotoluene	35.89	35.52	36.02
2,4,6-Trinitrotoluene	39.66	39.31	39.81
HMX	41.84	41.49	41.99
Nitroglycerin	44.24	43.88	44.38
Tetryl	46.05	45.67	46.17
PETN	52.75	52.38	52.88

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000014.D
Lims ID: ICV Client ID:
Inject. Date: 01-Oct-2012 23:24:29 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: ICV HP8330IC_00005;2;320-0000975-012
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 19
Lims Batch ID: 4221 Lims Sample ID: 12
Sublist:

Method: \\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m
Last Update: 02-Oct-2012 13:09:34 Calib Date: 01-Oct-2012 20:08:22
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK005

First Level Reviewer: noonanr Date: 02-Oct-2012 09:17:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.487	21.424	0.063	23494	515.3	
3 Ethylene glycol dinitrate						
2	22.410	22.354	0.056	11829	560.8	
24 1,3-Dinitrobenzene						
1	24.420	24.360	0.060	49649	494.6	
27 1,3,5-Trinitrobenzene						
1	26.920	26.877	0.043	38874	493.6	
16 o-Nitrotoluene						
1	28.504	28.430	0.074	29363	482.2	
15 p-Nitrotoluene						
1	28.504	28.430	0.074	29363	482.2	
8 m-Nitrotoluene						
1	29.070	28.994	0.076	19432	479.5	
9 3,5-Dinitroaniline						
1	30.564	30.480	0.084	42633	535.2	
19 RDX						
1	31.217	31.134	0.083	23645	500.5	
23 2,4-Dinitrotoluene						
1	32.140	32.060	0.080	45585	495.1	
12 2,6-Dinitrotoluene						
1	33.120	33.030	0.090	27068	498.0	
6 2-Amino-4,6-dinitrotoluene						
1	35.307	35.194	0.113	37086	488.7	
26 4-Amino-2,6-dinitrotoluene						
1	35.894	35.774	0.120	30788	487.6	
25 2,4,6-Trinitrotoluene						
1	39.660	39.560	0.100	38974	527.8	

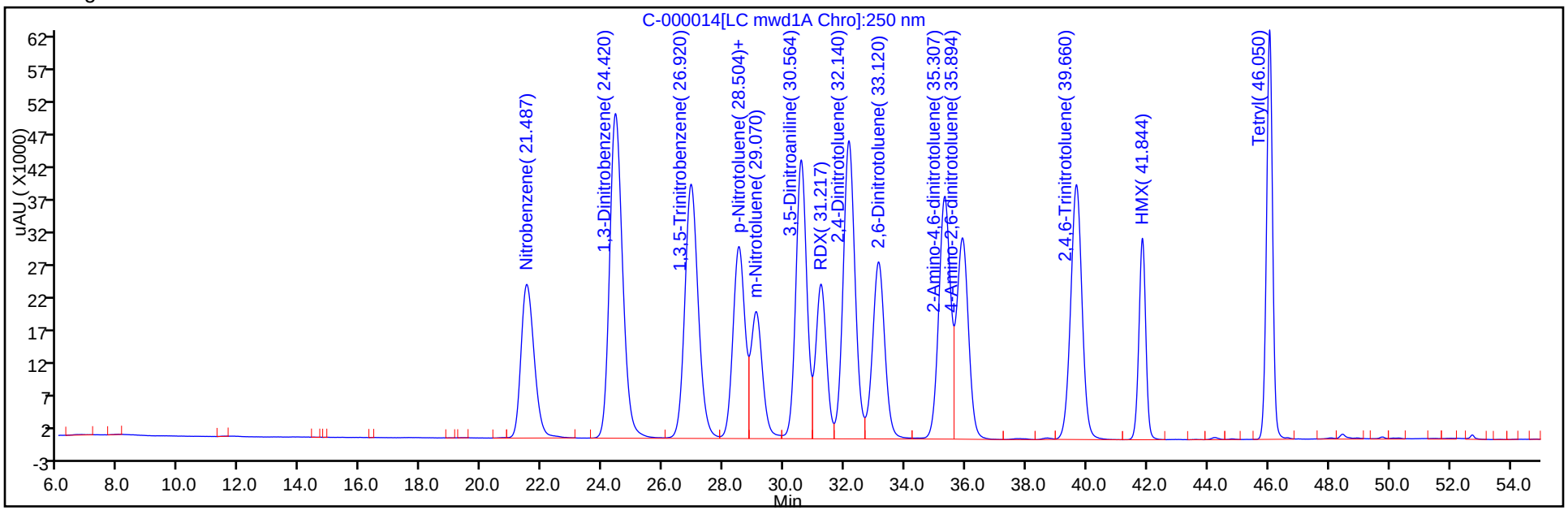
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	41.844	41.740	0.104	30798	493.3	
7 Nitroglycerin						
2	44.244	44.130	0.114	42925	496.1	
20 Tetryl						
1	46.050	45.920	0.130	62583	534.6	
21 PETN						
2	52.750	52.630	0.120	77089	508.7	

Report Date: 02-Oct-2012 13:09:37 Chrom Revision: 2.1 28-Sep-2012 12:22:52

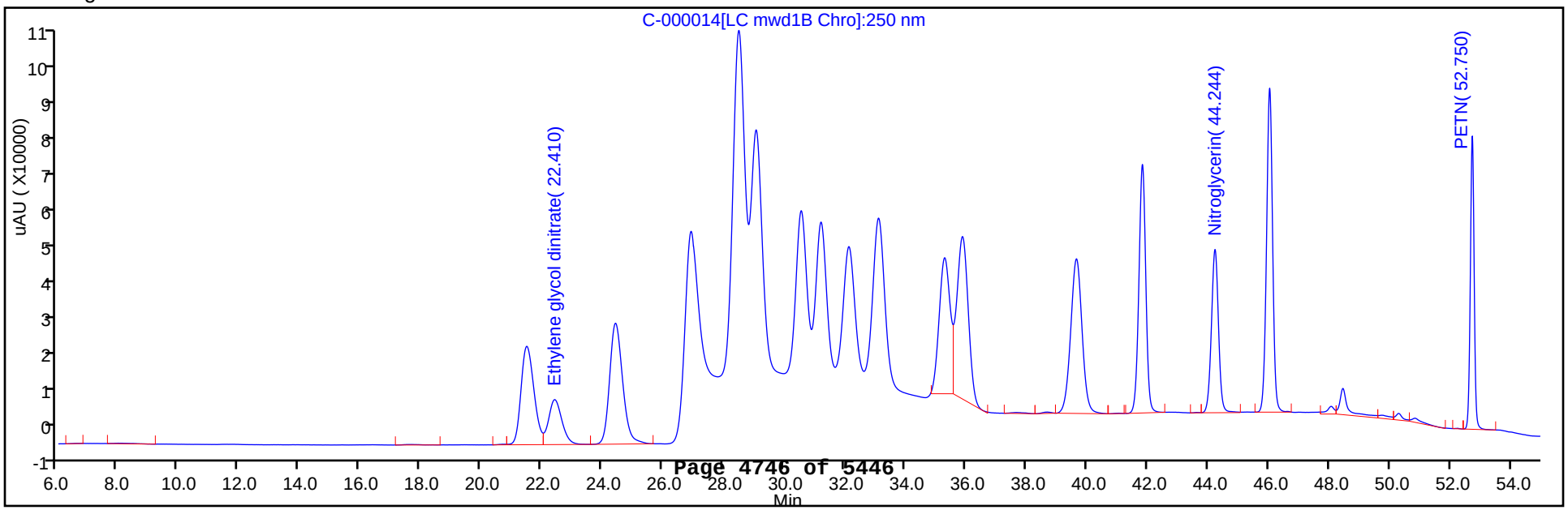
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000014.D		
Injection Date:	01-Oct-2012 23:24:29	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: LODV 320-4221/13 Calibration Date: 10/02/2012 00:29

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: C-000015.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	51.20		5.61	5.00	12.3	
1,3-Dinitrobenzene	Ave	100.4	105.0		5.23	5.00	4.6	
1,3,5-Trinitrobenzene	Ave	78.76	79.20		5.03	5.00	0.6	
2-Nitrotoluene	Ave	60.89	62.60		5.14	5.00	2.8	
4-Nitrotoluene	Ave	60.89	62.60		5.14	5.00	2.8	
3-Nitrotoluene	Ave	40.52	38.60		4.76	5.00	-4.7	
3,5-Dinitroaniline	Ave	79.66	85.60		5.37	5.00	7.5	
RDX	Ave	47.24	52.40		5.55	5.00	10.9	
2,4-Dinitrotoluene	Ave	92.07	100.6		5.46	5.00	9.3	
2,6-Dinitrotoluene	Ave	54.36	60.00		5.52	5.00	10.4	
2-Amino-4,6-dinitrotoluene	Ave	75.88	82.20		5.42	5.00	8.3	
4-Amino-2,6-dinitrotoluene	Ave	63.14	68.20		5.40	5.00	8.0	
2,4,6-Trinitrotoluene	Ave	73.84	58.60		3.97	5.00	-20.6	
HMX	Ave	62.43	66.80		5.35	5.00	7.0	
Nitroglycerin	Ave	86.52	84.55		19.5	20.0	-2.3	
Tetryl	Ave	117.1	101.6		4.34	5.00	-13.2	
PETN	Ave	151.5	135.2		17.8	20.0	-10.8	
3,4-Dinitrotoluene	Ave	48.31	49.00		20.3	20.0	1.4	

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: LODV 320-4221/13 Calibration Date: 10/02/2012 00:29

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: C-000015.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	21.49	21.17	21.67
1,3-Dinitrobenzene	24.42	24.11	24.61
1,3,5-Trinitrobenzene	26.90	26.63	27.13
2-Nitrotoluene	28.53	28.18	28.68
4-Nitrotoluene	28.53	28.18	28.68
3-Nitrotoluene	29.12	28.74	29.24
3,5-Dinitroaniline	30.58	30.23	30.73
RDX	31.20	30.88	31.38
2,4-Dinitrotoluene	32.17	31.81	32.31
2,6-Dinitrotoluene	33.15	32.78	33.28
2-Amino-4,6-dinitrotoluene	35.30	34.94	35.44
4-Amino-2,6-dinitrotoluene	35.93	35.52	36.02
2,4,6-Trinitrotoluene	39.68	39.31	39.81
HMX	41.83	41.49	41.99
Nitroglycerin	44.24	43.88	44.38
Tetryl	46.05	45.67	46.17
PETN	52.75	52.38	52.88
Ethylene glycol dinitrate			
3,4-Dinitrotoluene	37.71	37.35	37.85

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000015.D
Lims ID: LODV 5-20ng/mL Client ID:
Inject. Date: 02-Oct-2012 00:29:51 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: LODV HP8330ICL_00002;2;320-0000975-013
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 20
Lims Batch ID: 4221 Lims Sample ID: 13

Method: \\SACChrom\ChromData\LC12\20121001-975.b\LC12_Conf_8330.m
Last Update: 02-Oct-2012 13:57:03 Calib Date: 01-Oct-2012 20:08:22
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000011.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK005

First Level Reviewer: noonanr Date: 02-Oct-2012 13:57:03

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	21.489	21.424	0.065	256	5.61	
24 1,3-Dinitrobenzene						
1	24.419	24.360	0.059	525	5.23	
27 1,3,5-Trinitrobenzene						
1	26.895	26.877	0.018	396	5.03	
16 o-Nitrotoluene						
1	28.532	28.430	0.102	313	5.14	
15 p-Nitrotoluene						
1	28.532	28.430	0.102	313	5.14	
8 m-Nitrotoluene						
1	29.115	28.994	0.121	193	4.76	
9 3,5-Dinitroaniline						
1	30.575	30.480	0.095	428	5.37	
19 RDX						
1	31.195	31.134	0.061	262	5.55	
23 2,4-Dinitrotoluene						
1	32.169	32.060	0.109	503	5.46	
12 2,6-Dinitrotoluene						
1	33.149	33.030	0.119	300	5.52	
6 2-Amino-4,6-dinitrotoluene						
1	35.302	35.194	0.108	411	5.42	
26 4-Amino-2,6-dinitrotoluene						
1	35.932	35.774	0.158	341	5.40	
$ 30 3,4-Dinitrotoluene						
1	37.705	37.604	0.101	980	20.3	
25 2,4,6-Trinitrotoluene						
1	39.679	39.560	0.119	293	3.97	

Report Date: 02-Oct-2012 13:57:03 Chrom Revision: 2.1 28-Sep-2012 12:22:52
Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000015.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	41.832	41.740	0.092	334	5.35	
7 Nitroglycerin						
2	44.242	44.130	0.112	1691	19.5	
20 Tetryl						
1	46.052	45.920	0.132	508	4.34	
21 PETN						M
2	52.752	52.630	0.122	2703	17.8	M

QC Flag Legend

Review Flags
M - Manually Integrated

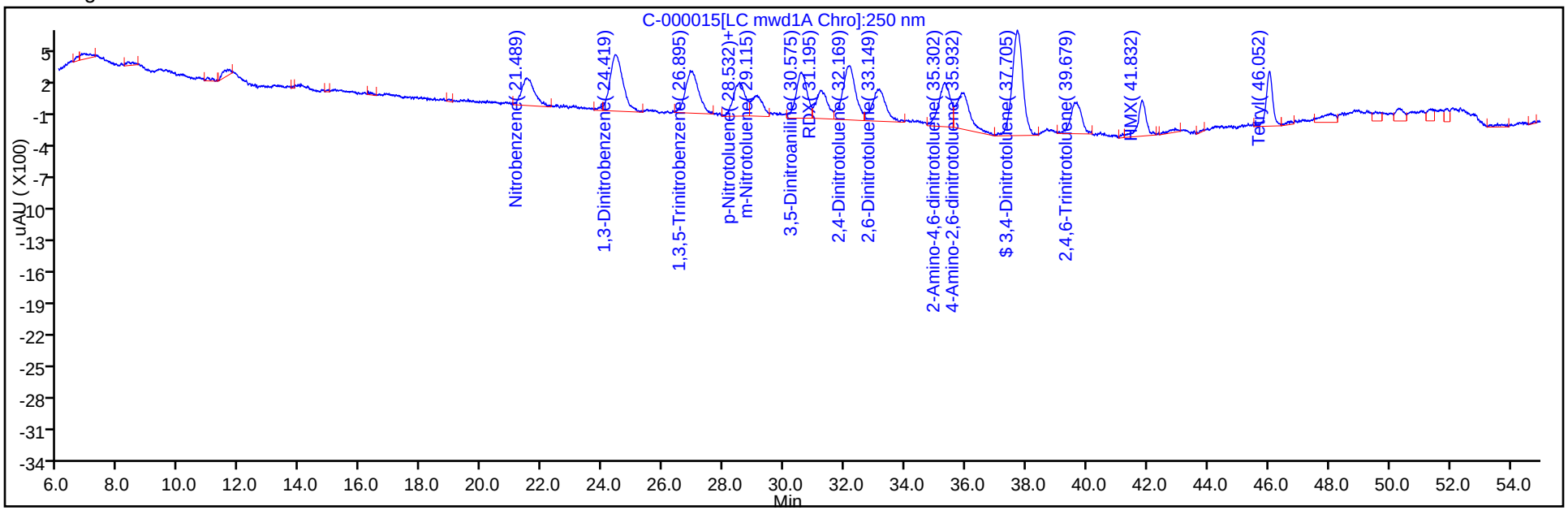
Report Date: 02-Oct-2012 13:57:03 Chrom Revision: 2.1 28-Sep-2012 12:22:52

TestAmerica West Sacramento

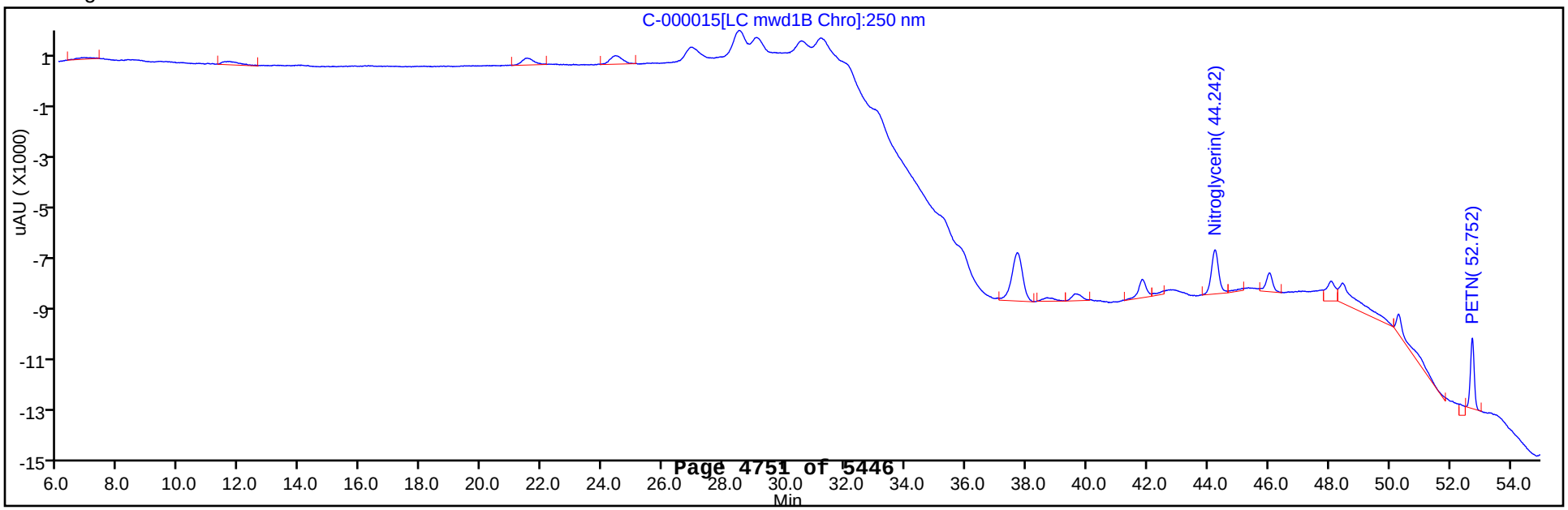
Data File: \\SACChrom\ChromData\LC12\20121001-975.b\C-000015.D

Injection Date:	02-Oct-2012 00:29:51	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

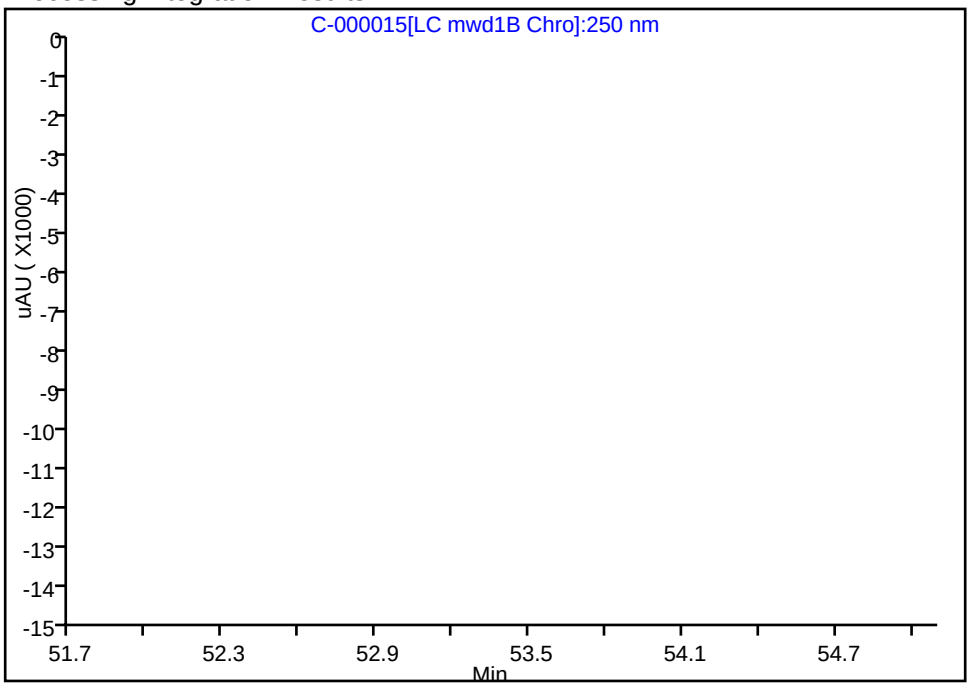
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121001-975.b\C-000015.D		
Injection Date:	02-Oct-2012 00:29:51	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	4221	Lims Sample ID:	13
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

21 PETN, Signal: 1, Type: quant, RT: 52.63, Det: LC mwd1B

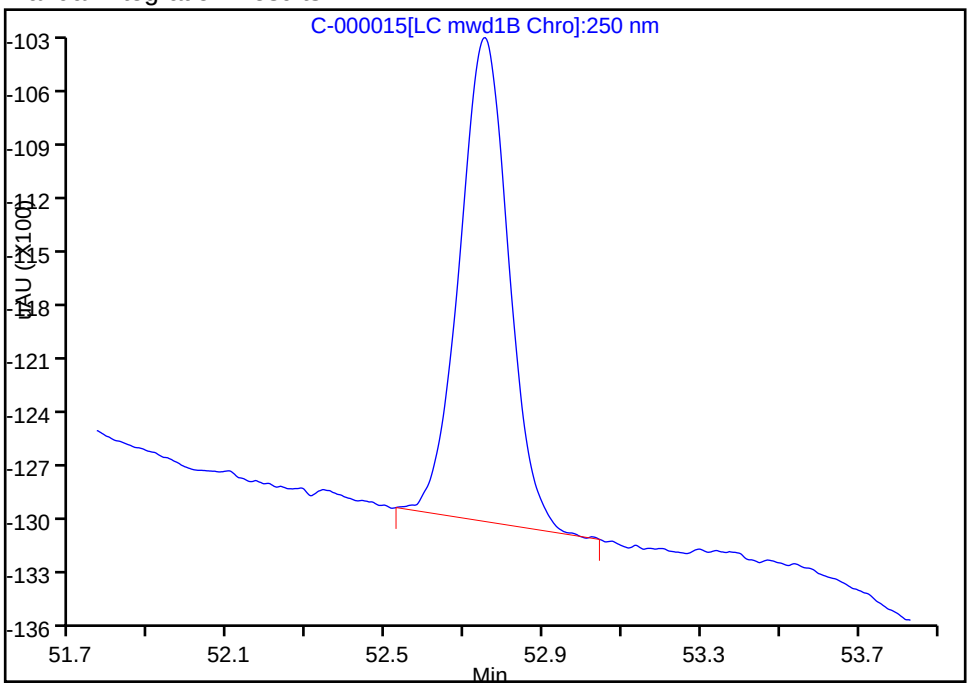
Processing Integration Results

RT: 52.75
Response: 3116
Amount: 20.562748



Manual Integration Results

RT: 52.75
Response: 2703
Amount: 17.837326



Reviewer: noonanr, 02-Oct-2012 09:20:32
Audit Action: Manually Integrated
Audit Reason: Baseline

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7989/3 Calibration Date: 12/28/2012 12:49

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: ZB000003.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	47.05		103	100	3.2	20.0
Ethylene glycol dinitrate	Ave	21.09	23.16		110	100	9.8	20.0
1,3-Dinitrobenzene	Ave	100.4	101.6		101	100	1.3	20.0
1,3,5-Trinitrobenzene	Ave	78.76	78.82		100	100	0.0	20.0
2-Nitrotoluene	Ave	60.89	58.69		96.4	100	-3.6	20.0
4-Nitrotoluene	Ave	60.89	58.69		96.4	100	-3.6	20.0
3-Nitrotoluene	Ave	40.52	39.36		97.1	100	-2.9	20.0
3,5-Dinitroaniline	Ave	79.66	78.81		98.9	100	-1.1	20.0
RDX	Ave	47.24	46.10		97.6	100	-2.4	20.0
2,4-Dinitrotoluene	Ave	92.07	94.50		103	100	2.6	20.0
2,6-Dinitrotoluene	Ave	54.36	58.78		108	100	8.1	20.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	77.19		102	100	1.7	20.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	65.81		104	100	4.2	20.0
2,4,6-Trinitrotoluene	Ave	73.84	66.99		90.7	100	-9.3	20.0
HMX	Ave	62.43	52.95		84.8	100	-15.2	20.0
Nitroglycerin	Ave	86.52	79.83		92.3	100	-7.7	20.0
Tetryl	Ave	117.1	115.2		98.4	100	-1.6	20.0
PETN	Ave	151.5	142.2		93.9	100	-6.1	20.0
3,4-Dinitrotoluene	Ave	48.31	41.50		85.9	100	-14.1	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7989/3 Calibration Date: 12/28/2012 12:49

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: ZB000003.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.40	20.15	20.65
Ethylene glycol dinitrate	21.09	20.84	21.34
1,3-Dinitrobenzene	23.09	22.84	23.34
1,3,5-Trinitrobenzene	25.28	25.03	25.53
2-Nitrotoluene	27.11	26.86	27.36
4-Nitrotoluene	27.11	26.86	27.36
3-Nitrotoluene	27.63	27.38	27.88
3,5-Dinitroaniline	28.99	28.74	29.24
RDX	29.66	29.41	29.91
2,4-Dinitrotoluene	30.50	30.25	30.75
2,6-Dinitrotoluene	31.37	31.12	31.62
2-Amino-4,6-dinitrotoluene	33.42	33.17	33.67
4-Amino-2,6-dinitrotoluene	33.93	33.68	34.18
2,4,6-Trinitrotoluene	37.48	37.23	37.73
HMX	40.41	40.16	40.66
Nitroglycerin	42.77	42.52	43.02
Tetryl	44.78	44.53	45.03
PETN	51.89	51.64	52.14
3,4-Dinitrotoluene	35.76	35.51	36.01

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000003.D		
Lims ID:	CCV 5	Client ID:	
Inject. Date:	28-Dec-2012 12:49:54	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0001999-003		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	2
Lims Batch ID:	7989	Lims Sample ID:	3
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121228-1999.b\LC12_Conf_8330.m		
Last Update:	31-Dec-2012 15:35:15	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 31-Dec-2012 15:35:15

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	20.404	20.404	0.0	4705	103.2	
3 Ethylene glycol dinitrate						
2	21.088	21.088	0.0	2316	109.8	
24 1,3-Dinitrobenzene						
1	23.091	23.091	0.0	10164	101.3	
27 1,3,5-Trinitrobenzene						
1	25.278	25.278	0.0	7882	100.1	
16 o-Nitrotoluene						
1	27.108	27.108	0.0	5869	96.4	
15 p-Nitrotoluene						
1	27.108	27.108	0.0	5869	96.4	
8 m-Nitrotoluene						
1	27.634	27.634	0.0	3936	97.1	
9 3,5-Dinitroaniline						
1	28.988	28.988	0.0	7881	98.9	
19 RDX						
1	29.658	29.658	0.0	4610	97.6	
23 2,4-Dinitrotoluene						
1	30.504	30.504	0.0	9450	102.6	
12 2,6-Dinitrotoluene						
1	31.371	31.371	0.0	5878	108.1	
6 2-Amino-4,6-dinitrotoluene						
1	33.421	33.421	0.0	7719	101.7	
26 4-Amino-2,6-dinitrotoluene						
1	33.928	33.928	0.0	6581	104.2	
$ 30 3,4-Dinitrotoluene						
1	35.758	35.758	0.0	4150	85.9	

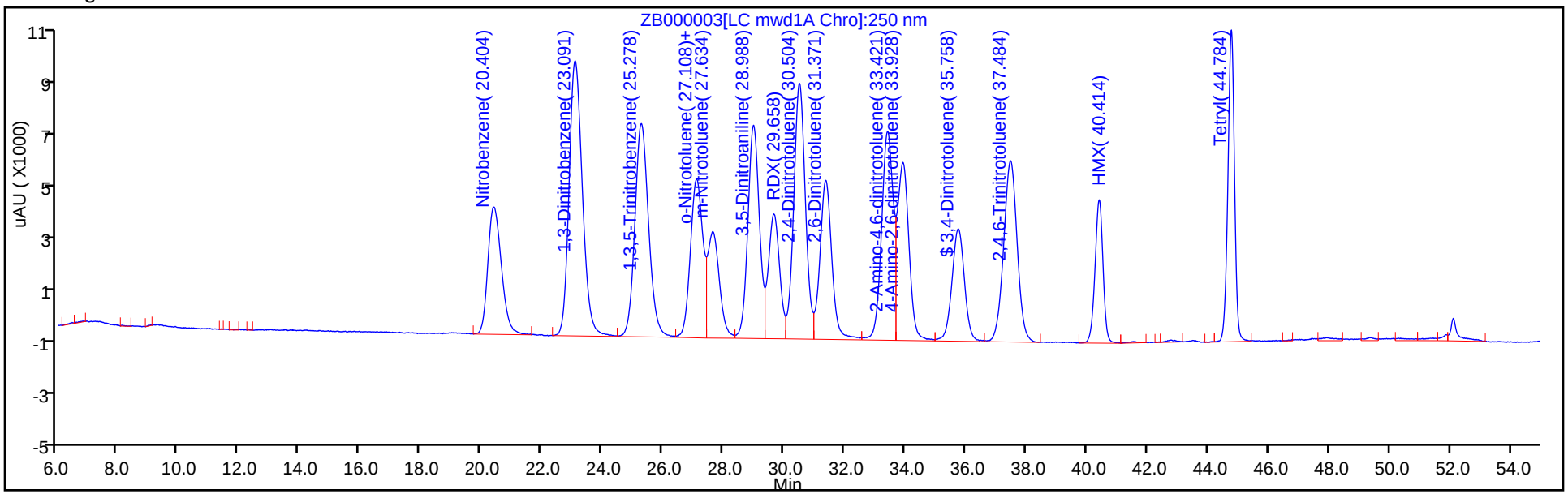
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	37.484	37.484	0.0	6699	90.7	
11 HMX						
1	40.414	40.414	0.0	5295	84.8	
7 Nitroglycerin						
2	42.774	42.774	0.0	7983	92.3	
20 Tetryl						
1	44.784	44.784	0.0	11515	98.4	
21 PETN						
2	51.887	51.887	0.0	14224	93.9	

Report Date: 31-Dec-2012 15:35:16 Chrom Revision: 2.1 24-Dec-2012 15:14:58

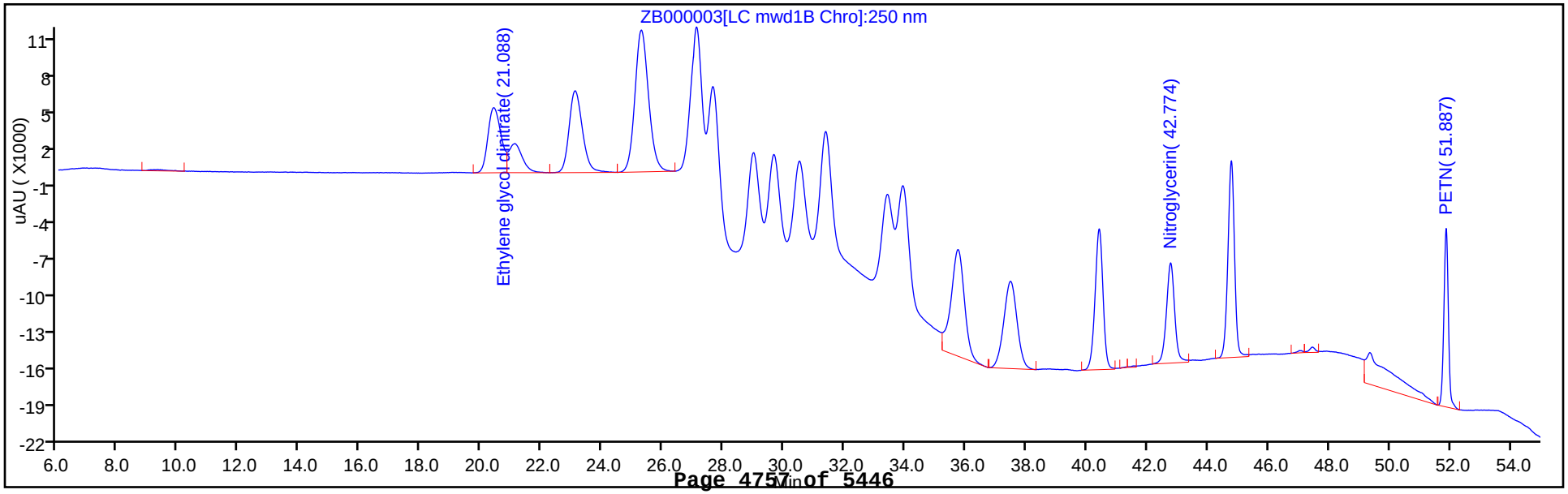
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000003.D		
Injection Date:	28-Dec-2012 12:49:54	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	3
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCVL 320-7989/4 Calibration Date: 12/28/2012 13:55

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: ZB000004.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	46.40		5.09	5.00	1.8	30.0
1,3-Dinitrobenzene	Ave	100.4	111.8		5.57	5.00	11.4	30.0
1,3,5-Trinitrobenzene	Ave	78.76	90.20		5.73	5.00	14.5	30.0
2-Nitrotoluene	Ave	60.89	56.20		4.61	5.00	-7.7	30.0
4-Nitrotoluene	Ave	60.89	56.20		4.61	5.00	-7.7	30.0
3-Nitrotoluene	Ave	40.52	39.60		4.89	5.00	-2.3	30.0
3,5-Dinitroaniline	Ave	79.66	84.60		5.31	5.00	6.2	30.0
RDX	Ave	47.24	48.20		5.10	5.00	2.0	30.0
2,4-Dinitrotoluene	Ave	92.07	100.8		5.47	5.00	9.5	30.0
2,6-Dinitrotoluene	Ave	54.36	69.40		6.38	5.00	27.7	30.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	81.80		5.39	5.00	7.8	30.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	72.40		5.73	5.00	14.7	30.0
2,4,6-Trinitrotoluene	Ave	73.84	71.40		4.83	5.00	-3.3	30.0
HMX	Ave	62.43	63.00		5.05	5.00	0.9	30.0
Nitroglycerin	Ave	86.52	80.65		18.6	20.0	-6.8	30.0
Tetryl	Ave	117.1	111.0		4.74	5.00	-5.2	30.0
PETN	Ave	151.5	131.0		17.3	20.0	-13.6	30.0
3,4-Dinitrotoluene	Ave	48.31	41.75		17.3	20.0	-13.6	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCVL 320-7989/4 Calibration Date: 12/28/2012 13:55

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: ZB000004.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.43	20.18	20.68
1,3-Dinitrobenzene	23.13	22.88	23.38
1,3,5-Trinitrobenzene	25.33	25.08	25.58
2-Nitrotoluene	27.06	26.81	27.31
4-Nitrotoluene	27.06	26.81	27.31
3-Nitrotoluene	27.69	27.44	27.94
3,5-Dinitroaniline	29.01	28.76	29.26
RDX	29.72	29.47	29.97
2,4-Dinitrotoluene	30.55	30.30	30.80
2,6-Dinitrotoluene	31.42	31.17	31.67
2-Amino-4,6-dinitrotoluene	33.47	33.22	33.72
4-Amino-2,6-dinitrotoluene	34.00	33.75	34.25
2,4,6-Trinitrotoluene	37.56	37.31	37.81
HMX	40.47	40.22	40.72
Nitroglycerin	42.83	42.58	43.08
Tetryl	44.83	44.58	45.08
PETN	51.91	51.66	52.16
3,4-Dinitrotoluene	35.83	35.58	36.08

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC12\20121228-1999.b\ZB000004.D
Lims ID: CCVL Client ID:
Inject. Date: 28-Dec-2012 13:55:20 Dil. Factor: 1.0000
Sample Type: CCVL
Sample ID: 320-0001999-004
Misc. Info.:
Operator: RN Instrument ID: LC12
Injection Vol: 500.0 ul ALS Bottle#: 10
Lims Batch ID: 7989 Lims Sample ID: 4
Sublist: chrom-LC12_Conf_8330*sub4

Method: \\SACChrom\ChromData\LC12\20121228-1999.b\LC12_Conf_8330.m
Last Update: 31-Dec-2012 15:38:43 Calib Date: 19-Nov-2012 14:12:43
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Zorbax Cyano CN Column Dia: 4.60 mm
Process Host: XAWRK005

First Level Reviewer: noonanr Date: 31-Dec-2012 15:38:43

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						M
1	20.427	20.427	0.0	232	5.09	M
24 1,3-Dinitrobenzene						
1	23.130	23.130	0.0	559	5.57	
27 1,3,5-Trinitrobenzene						
1	25.330	25.330	0.0	451	5.73	
16 o-Nitrotoluene						
1	27.063	27.063	0.0	281	4.61	
15 p-Nitrotoluene						
1	27.063	27.063	0.0	281	4.61	
8 m-Nitrotoluene						
1	27.687	27.687	0.0	198	4.89	
9 3,5-Dinitroaniline						
1	29.013	29.013	0.0	423	5.31	
19 RDX						
1	29.723	29.723	0.0	241	5.10	
23 2,4-Dinitrotoluene						
1	30.553	30.553	0.0	504	5.47	
12 2,6-Dinitrotoluene						
1	31.417	31.417	0.0	347	6.38	
6 2-Amino-4,6-dinitrotoluene						
1	33.467	33.467	0.0	409	5.39	
26 4-Amino-2,6-dinitrotoluene						
1	34.000	34.000	0.0	362	5.73	
$ 30 3,4-Dinitrotoluene						
1	35.833	35.833	0.0	835	17.3	
25 2,4,6-Trinitrotoluene						M
1	37.557	37.557	0.0	357	4.83	M

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	40.473	40.473	0.0	315	5.05	
7 Nitroglycerin						
2	42.830	42.830	0.0	1613	18.6	
20 Tetryl						
1	44.833	44.833	0.0	555	4.74	
21 PETN						
2	51.907	51.907	0.0	2620	17.3	

QC Flag Legend

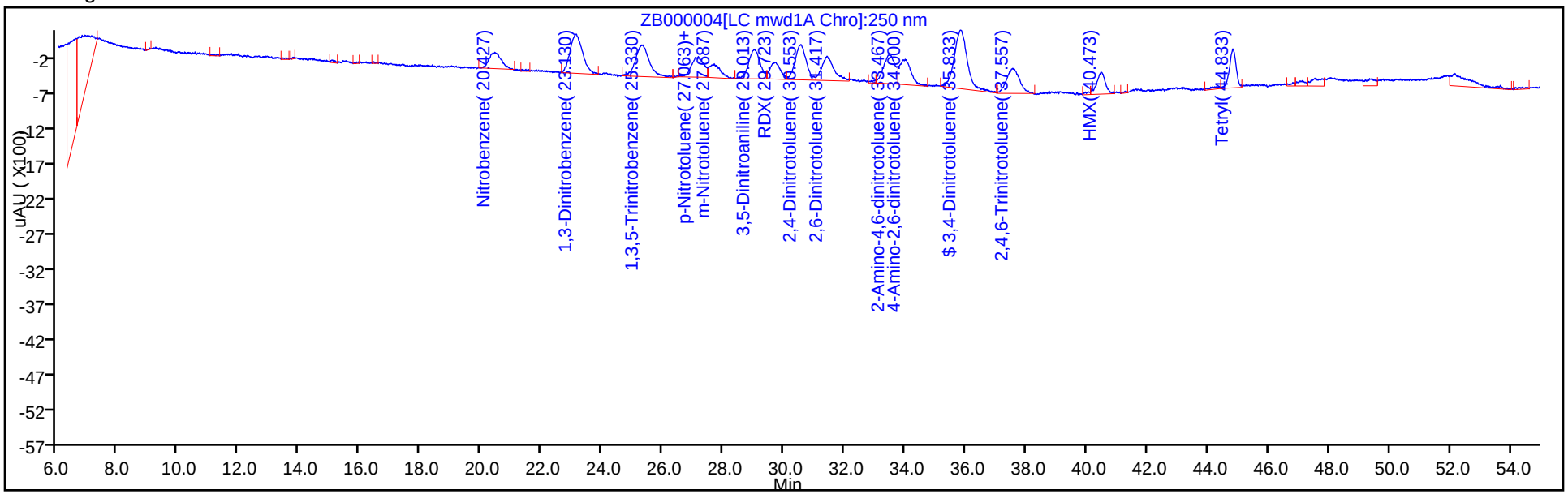
Review Flags
M - Manually Integrated

Report Date: 31-Dec-2012 15:38:43 Chrom Revision: 2.1 24-Dec-2012 15:14:58

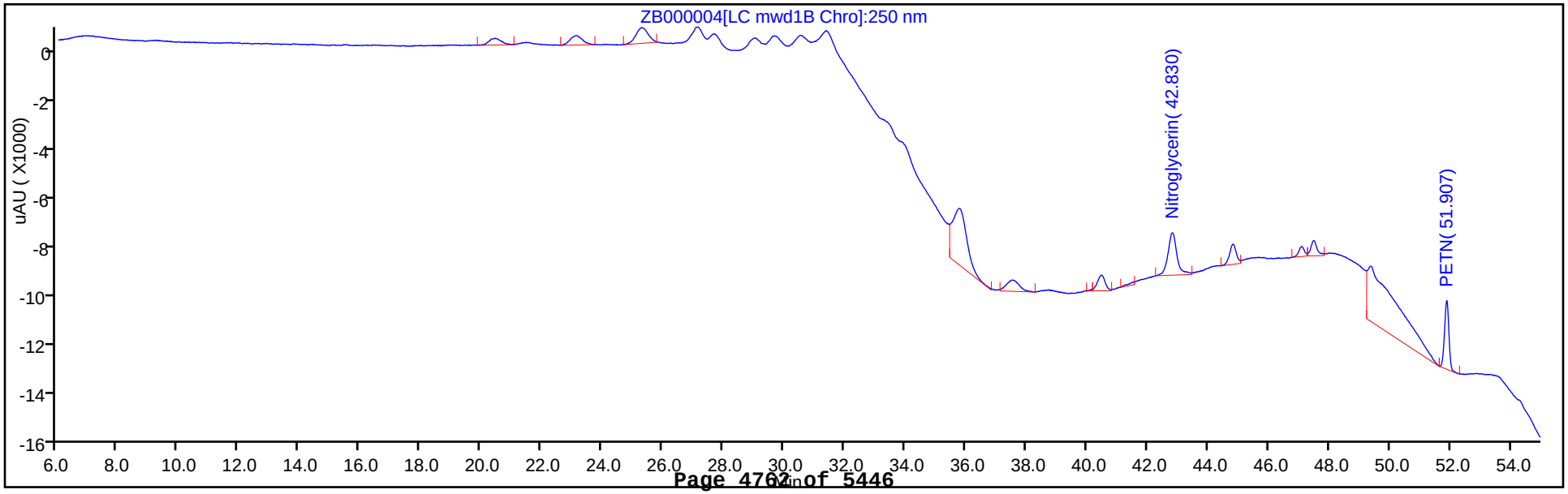
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000004.D		
Injection Date:	28-Dec-2012 13:55:20	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

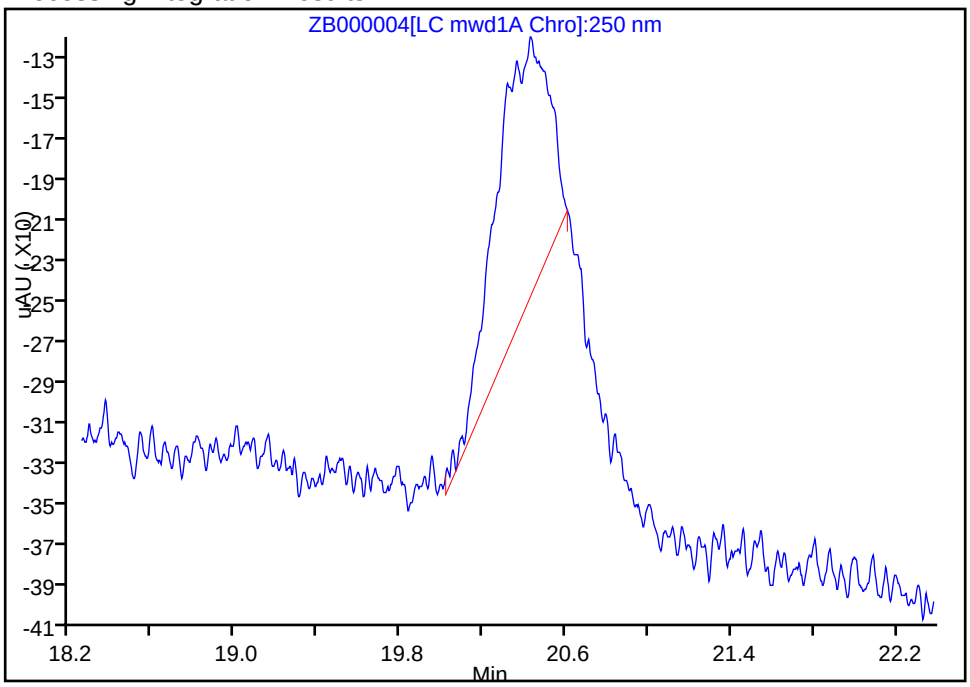
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000004.D		
Injection Date:	28-Dec-2012 13:55:20	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

5 Nitrobenzene, Signal: 1, Type: quant, RT: 20.43, Det: LC mwd1A

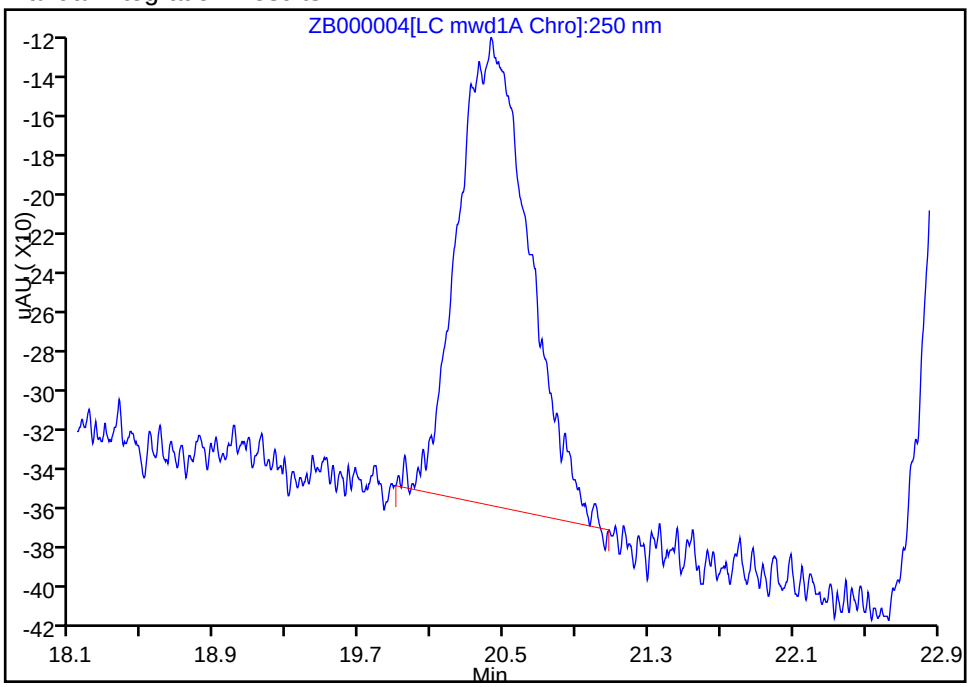
Processing Integration Results

RT: 20.36
Response: 132
Amount: 2.894919



Manual Integration Results

RT: 20.43
Response: 232
Amount: 5.088040



Reviewer: noonanr, 31-Dec-2012 15:36:29
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

Report Date: 31-Dec-2012 15:38:43 Chrom Revision: 2.1 24-Dec-2012 15:14:58

Manual Integration/User Assign Peak Report

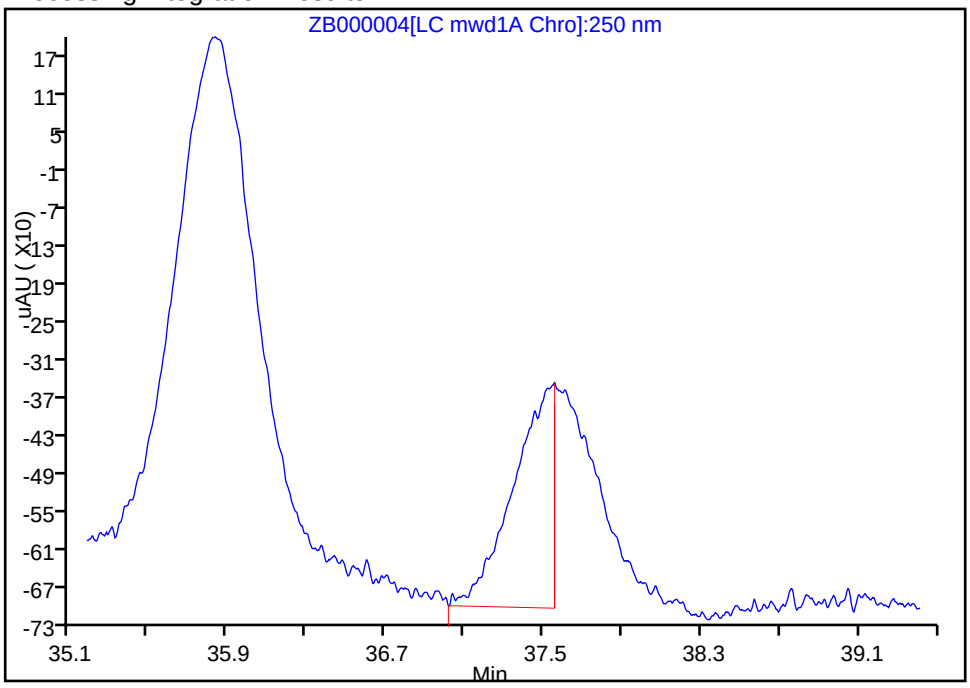
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000004.D		
Injection Date:	28-Dec-2012 13:55:20	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	4
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

25 2,4,6-Trinitrotoluene, Signal: 1, Type: quant, RT: 37.56, Det: LC mwd1A

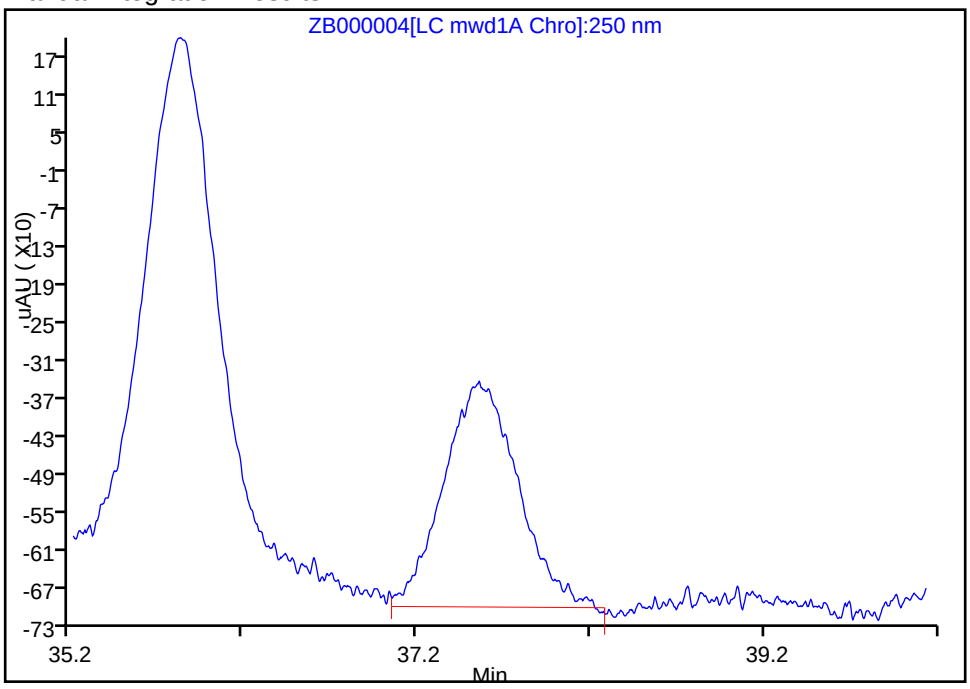
Processing Integration Results

RT: 37.56
Response: 356
Amount: 4.820941



Manual Integration Results

RT: 37.56
Response: 357
Amount: 4.834483



Reviewer: noonanr, 31-Dec-2012 15:38:43
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7989/11 Calibration Date: 12/28/2012 21:33

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: ZB000011.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	45.24		198	200	-0.8	20.0
Ethylene glycol dinitrate	Ave	21.09	22.48		213	200	6.6	20.0
1,3-Dinitrobenzene	Ave	100.4	98.62		196	200	-1.8	20.0
1,3,5-Trinitrobenzene	Ave	78.76	77.34		196	200	-1.8	20.0
2-Nitrotoluene	Ave	60.89	57.12		188	200	-6.2	20.0
4-Nitrotoluene	Ave	60.89	57.12		188	200	-6.2	20.0
3-Nitrotoluene	Ave	40.52	38.32		189	200	-5.4	20.0
3,5-Dinitroaniline	Ave	79.66	76.10		191	200	-4.5	20.0
RDX	Ave	47.24	44.18		187	200	-6.5	20.0
2,4-Dinitrotoluene	Ave	92.07	92.06		200	200	-0.0	20.0
2,6-Dinitrotoluene	Ave	54.36	57.03		210	200	4.9	20.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	74.66		197	200	-1.6	20.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	63.96		203	200	1.3	20.0
2,4,6-Trinitrotoluene	Ave	73.84	66.39		180	200	-10.1	20.0
HMX	Ave	62.43	52.59		168	200	-15.8	20.0
Nitroglycerin	Ave	86.52	77.42		179	200	-10.5	20.0
Tetryl	Ave	117.1	115.7		198	200	-1.2	20.0
PETN	Ave	151.5	141.7		187	200	-6.5	20.0
3,4-Dinitrotoluene	Ave	48.31	40.38		167	200	-16.4	20.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCV 320-7989/11 Calibration Date: 12/28/2012 21:33

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: ZB000011.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.42	20.17	20.67
Ethylene glycol dinitrate	21.10	20.85	21.35
1,3-Dinitrobenzene	23.12	22.87	23.37
1,3,5-Trinitrobenzene	25.32	25.07	25.57
2-Nitrotoluene	27.16	26.91	27.41
4-Nitrotoluene	27.16	26.91	27.41
3-Nitrotoluene	27.69	27.44	27.94
3,5-Dinitroaniline	29.04	28.79	29.29
RDX	29.72	29.47	29.97
2,4-Dinitrotoluene	30.58	30.33	30.83
2,6-Dinitrotoluene	31.46	31.21	31.71
2-Amino-4,6-dinitrotoluene	33.53	33.28	33.78
4-Amino-2,6-dinitrotoluene	34.04	33.79	34.29
2,4,6-Trinitrotoluene	37.63	37.38	37.88
HMX	40.54	40.29	40.79
Nitroglycerin	42.90	42.65	43.15
Tetryl	44.90	44.65	45.15
PETN	51.96	51.71	52.21
3,4-Dinitrotoluene	35.90	35.65	36.15

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000011.D		
Lims ID:	CCV 6	Client ID:	
Inject. Date:	28-Dec-2012 21:33:22	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	320-0001999-011		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	3
Lims Batch ID:	7989	Lims Sample ID:	11
Sublist:	chrom-LC12_Conf_8330*sub1		
Method:	\\SACChrom\ChromData\LC12\20121228-1999.b\LC12_Conf_8330.m		
Last Update:	02-Jan-2013 11:37:49	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK004		

First Level Reviewer: noonanr Date: 02-Jan-2013 11:37:49

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	20.419	20.419	0.0	9047	198.4	
3 Ethylene glycol dinitrate						
2	21.103	21.103	0.0	4495	213.1	
24 1,3-Dinitrobenzene						
1	23.116	23.116	0.0	19724	196.5	
27 1,3,5-Trinitrobenzene						
1	25.316	25.316	0.0	15467	196.4	
16 o-Nitrotoluene						
1	27.159	27.159	0.0	11423	187.6	
15 p-Nitrotoluene						
1	27.159	27.159	0.0	11423	187.6	
8 m-Nitrotoluene						
1	27.686	27.686	0.0	7664	189.1	
9 3,5-Dinitroaniline						
1	29.043	29.043	0.0	15220	191.1	
19 RDX						
1	29.723	29.723	0.0	8835	187.0	
23 2,4-Dinitrotoluene						
1	30.579	30.579	0.0	18412	200.0	
12 2,6-Dinitrotoluene						
1	31.459	31.459	0.0	11405	209.8	
6 2-Amino-4,6-dinitrotoluene						
1	33.526	33.526	0.0	14931	196.8	
26 4-Amino-2,6-dinitrotoluene						
1	34.043	34.043	0.0	12791	202.6	
$ 30 3,4-Dinitrotoluene						
1	35.896	35.896	0.0	8076	167.2	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
25 2,4,6-Trinitrotoluene						
1	37.629	37.629	0.0	13278	179.8	
11 HMX						
1	40.539	40.539	0.0	10517	168.5	
7 Nitroglycerin						
2	42.896	42.896	0.0	15483	178.9	
20 Tetryl						
1	44.899	44.899	0.0	23131	197.6	
21 PETN						
2	51.962	51.962	0.0	28340	187.0	

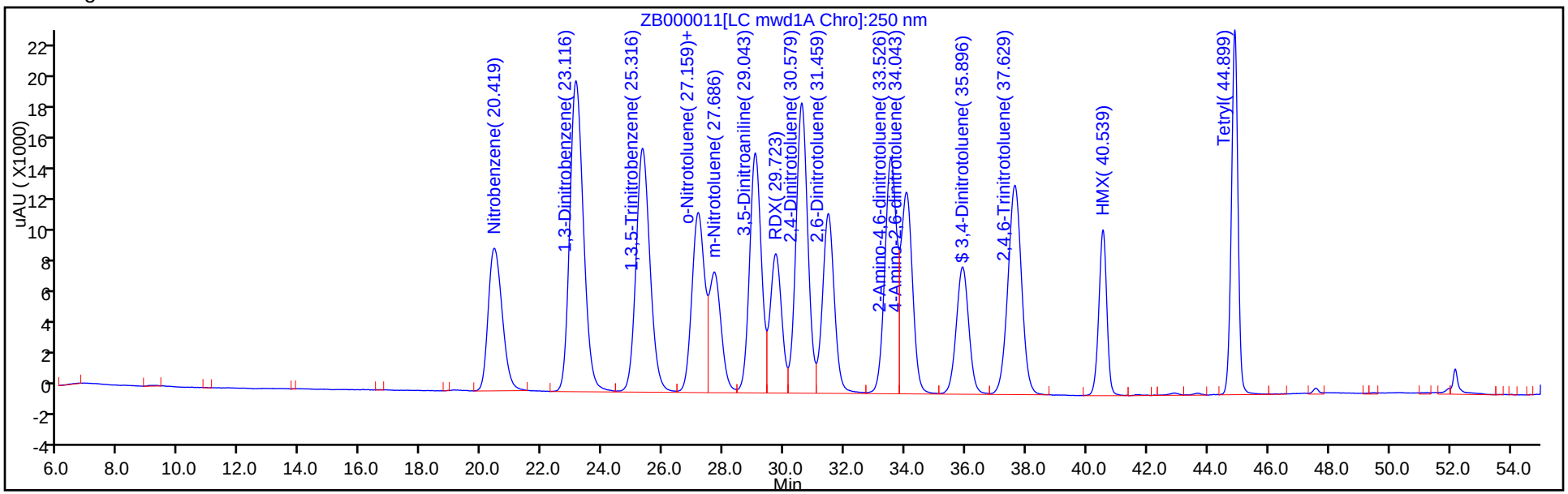
Report Date: 02-Jan-2013 11:37:49 Chrom Revision: 2.1 24-Dec-2012 15:14:58

TestAmerica Sacramento

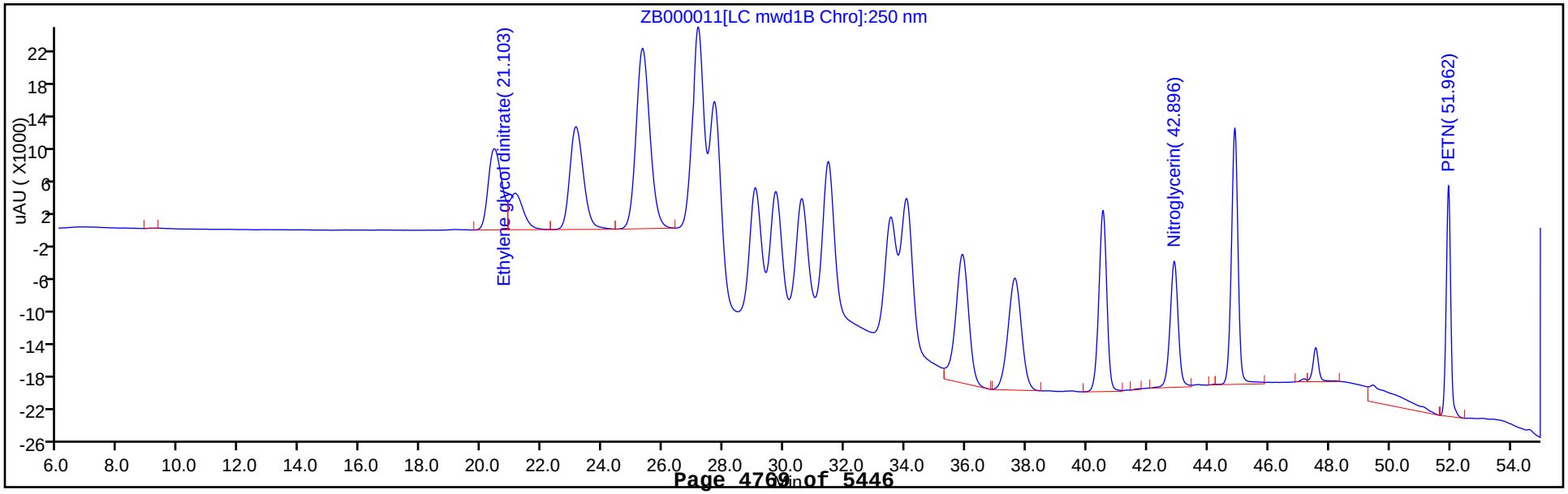
Data File: \\SACChrom\ChromData\LC12\20121228-1999.b\ZB000011.D

Injection Date:	28-Dec-2012 21:33:22	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	11
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM VII
HPLC/IC CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCVL 320-7989/12 Calibration Date: 12/28/2012 22:38

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: ZB000012.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene	Ave	45.60	49.60		5.44	5.00	8.8	30.0
1,3-Dinitrobenzene	Ave	100.4	107.0		5.33	5.00	6.6	30.0
1,3,5-Trinitrobenzene	Ave	78.76	84.80		5.38	5.00	7.7	30.0
2-Nitrotoluene	Ave	60.89	61.40		5.04	5.00	0.8	30.0
4-Nitrotoluene	Ave	60.89	61.40		5.04	5.00	0.8	30.0
3-Nitrotoluene	Ave	40.52	39.20		4.84	5.00	-3.3	30.0
3,5-Dinitroaniline	Ave	79.66	86.40		5.42	5.00	8.5	30.0
RDX	Ave	47.24	50.40		5.33	5.00	6.7	30.0
2,4-Dinitrotoluene	Ave	92.07	101.6		5.52	5.00	10.3	30.0
2,6-Dinitrotoluene	Ave	54.36	71.00		6.53	5.00	30.6*	30.0
2-Amino-4,6-dinitrotoluene	Ave	75.88	85.20		5.61	5.00	12.3	30.0
4-Amino-2,6-dinitrotoluene	Ave	63.14	70.20		5.56	5.00	11.2	30.0
2,4,6-Trinitrotoluene	Ave	73.84	74.40		5.04	5.00	0.8	30.0
HMX	Ave	62.43	62.20		4.98	5.00	-0.4	30.0
Nitroglycerin	Ave	86.52	79.50		18.4	20.0	-8.1	30.0
Tetryl	Ave	117.1	115.6		4.94	5.00	-1.3	30.0
PETN	Ave	151.5	134.6		17.8	20.0	-11.2	30.0
3,4-Dinitrotoluene	Ave	48.31	41.75		17.3	20.0	-13.6	30.0

FORM VII
HPLC/IC CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Lab Sample ID: CCVL 320-7989/12 Calibration Date: 12/28/2012 22:38

Instrument ID: LC12 Calib Start Date: 10/01/2012 12:30

GC Column: Zorbax CN ID: 4.60(mm) Calib End Date: 10/01/2012 20:08

Lab File ID: ZB000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
Nitrobenzene	20.53	20.28	20.78
1,3-Dinitrobenzene	23.23	22.98	23.48
1,3,5-Trinitrobenzene	25.46	25.21	25.71
2-Nitrotoluene	27.33	27.08	27.58
4-Nitrotoluene	27.33	27.08	27.58
3-Nitrotoluene	27.86	27.61	28.11
3,5-Dinitroaniline	29.20	28.95	29.45
RDX	29.86	29.61	30.11
2,4-Dinitrotoluene	30.73	30.48	30.98
2,6-Dinitrotoluene	31.60	31.35	31.85
2-Amino-4,6-dinitrotoluene	33.72	33.47	33.97
4-Amino-2,6-dinitrotoluene	34.22	33.97	34.47
2,4,6-Trinitrotoluene	37.78	37.53	38.03
HMX	40.69	40.44	40.94
Nitroglycerin	43.01	42.76	43.26
Tetryl	45.03	44.78	45.28
PETN	52.07	51.82	52.32
3,4-Dinitrotoluene	36.11	35.86	36.36

TestAmerica Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000012.D		
Lims ID:	CCVL	Client ID:	
Inject. Date:	28-Dec-2012 22:38:47	Dil. Factor:	1.0000
Sample Type:	CCVL		
Sample ID:	320-0001999-012		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	10
Lims Batch ID:	7989	Lims Sample ID:	12
Sublist:	chrom-LC12_Conf_8330*sub4		
Method:	\\SACChrom\ChromData\LC12\20121228-1999.b\LC12_Conf_8330.m		
Last Update:	02-Jan-2013 11:40:35	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK004		

First Level Reviewer: noonanr Date: 02-Jan-2013 11:40:35

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
5 Nitrobenzene						
1	20.528	20.528	0.0	248	5.44	
24 1,3-Dinitrobenzene						
1	23.228	23.228	0.0	535	5.33	
27 1,3,5-Trinitrobenzene						
1	25.462	25.462	0.0	424	5.38	
16 o-Nitrotoluene						
1	27.328	27.328	0.0	307	5.04	
15 p-Nitrotoluene						
1	27.328	27.328	0.0	307	5.04	
8 m-Nitrotoluene						
1	27.862	27.862	0.0	196	4.84	
9 3,5-Dinitroaniline						
1	29.198	29.198	0.0	432	5.42	
19 RDX						
1	29.855	29.855	0.0	252	5.33	
23 2,4-Dinitrotoluene						
1	30.728	30.728	0.0	508	5.52	
12 2,6-Dinitrotoluene						
1	31.595	31.595	0.0	355	6.53	
6 2-Amino-4,6-dinitrotoluene						
1	33.722	33.722	0.0	426	5.61	
26 4-Amino-2,6-dinitrotoluene						
1	34.222	34.222	0.0	351	5.56	
$ 30 3,4-Dinitrotoluene						
1	36.105	36.105	0.0	835	17.3	
25 2,4,6-Trinitrotoluene						M
1	37.775	37.775	0.0	372	5.04	M

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	40.685	40.685	0.0	311	4.98	
7 Nitroglycerin						
2	43.008	43.008	0.0	1590	18.4	
20 Tetryl						
1	45.032	45.032	0.0	578	4.94	
21 PETN						
2	52.072	52.072	0.0	2691	17.8	

QC Flag Legend

Review Flags
M - Manually Integrated

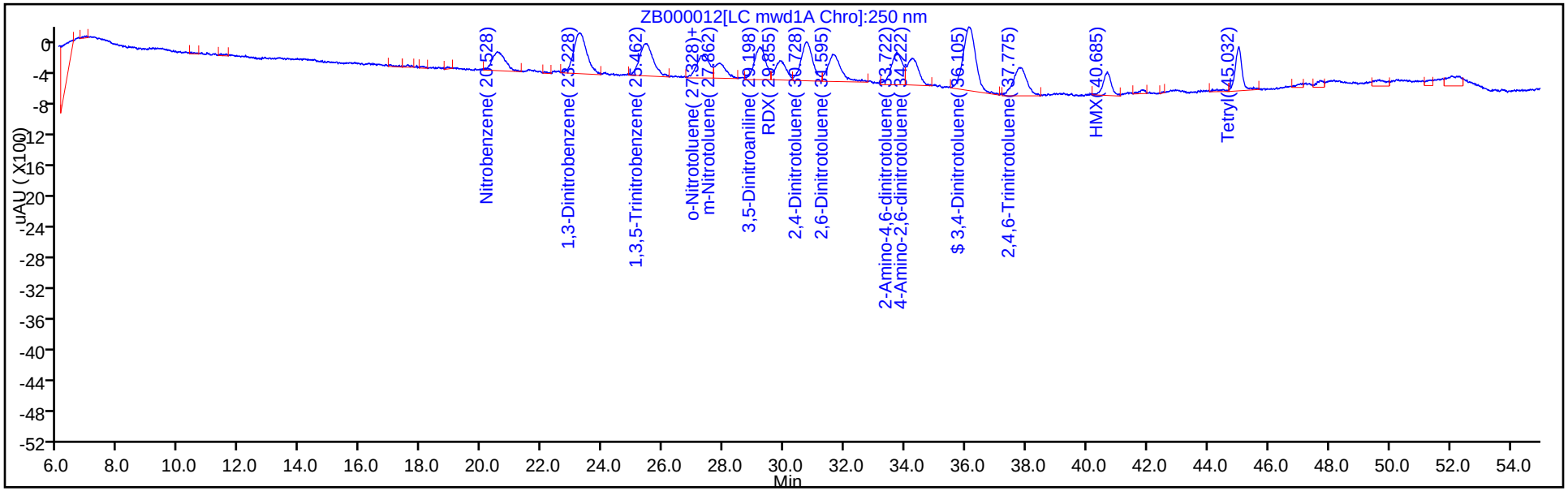
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TestAmerica Sacramento

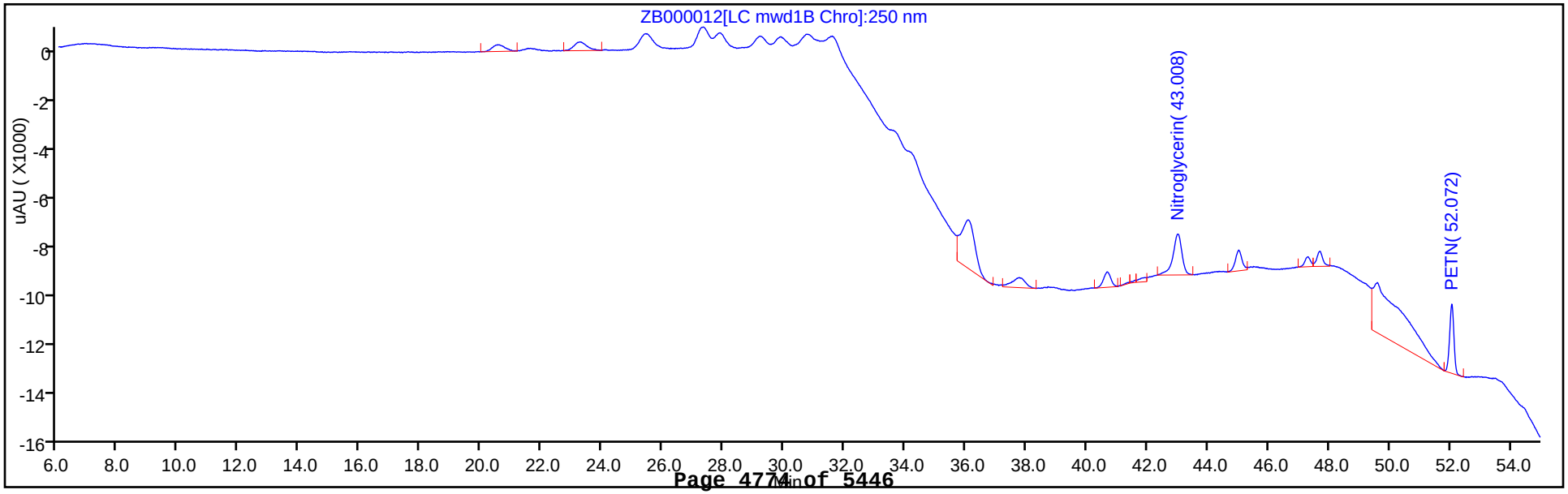
Data File: \\SACChrom\ChromData\LC12\20121228-1999.b\ZB000012.D

Injection Date:	28-Dec-2012 22:38:47	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

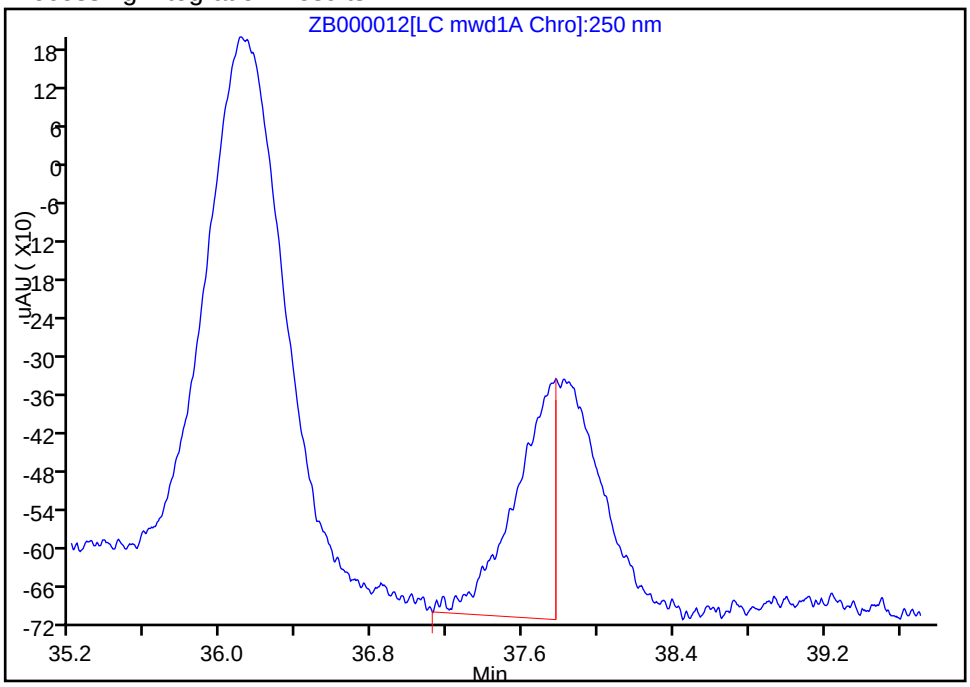
TestAmerica Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000012.D		
Injection Date:	28-Dec-2012 22:38:47	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	12
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

25 2,4,6-Trinitrotoluene, Signal: 1, Type: quant, RT: 37.77, Det: LC mwd1A

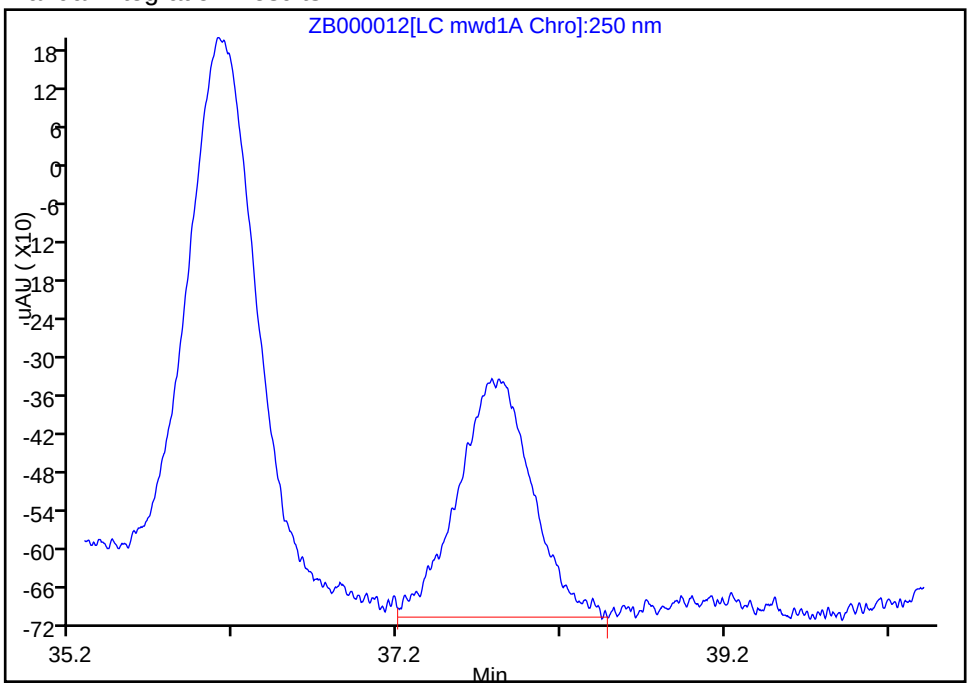
Processing Integration Results

RT: 37.77
Response: 375
Amount: 5.078239



Manual Integration Results

RT: 37.77
Response: 372
Amount: 5.037613



Reviewer: noonanr, 02-Jan-2013 11:40:35
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-7444/1-A

Matrix: Solid Lab File ID: S000023.D

Analysis Method: 8330B Date Collected:

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.00(g) Date Analyzed: 12/20/2012 07:07

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	97		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000023.D		
Lims ID:	MB 320-7444/1-A	Client ID:	
Inject. Date:	20-Dec-2012 07:07:19	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0001888-023		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	28
Lims Batch ID:	7620	Lims Sample ID:	23
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	20-Dec-2012 08:40:52	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK002		

First Level Reviewer: noonanr Date: 20-Dec-2012 08:40:52

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
$ 30 3,4-Dinitrotoluene						
1	16.800	16.754	0.046	3414	60.6	
2	16.800	16.754	0.046	6333	61.3	

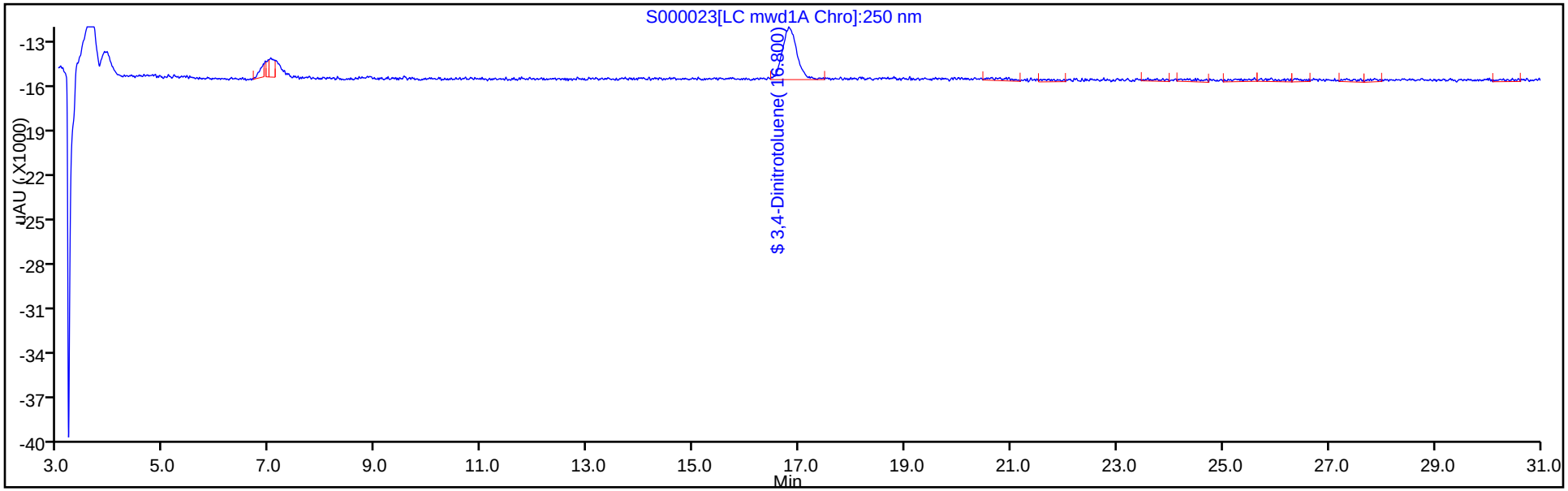
Report Date: 20-Dec-2012 08:40:52 Chrom Revision: 2.1 14-Dec-2012 09:16:34

TestAmerica West Sacramento

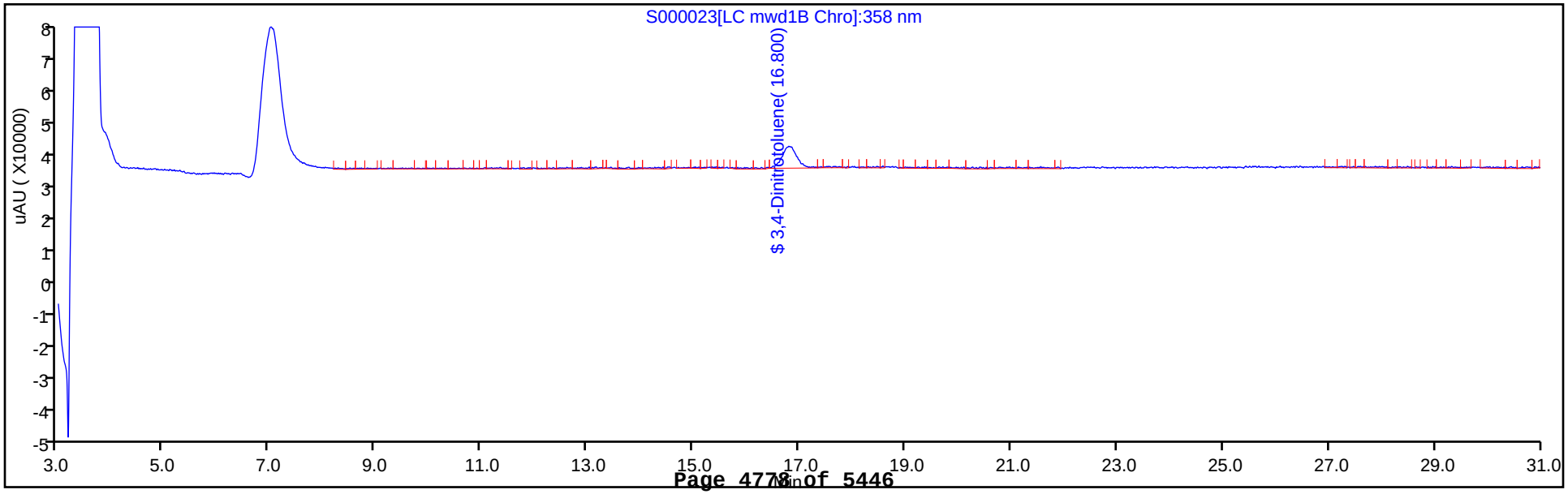
Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000023.D

Injection Date:	20-Dec-2012 07:07:19	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	23
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 320-7444/1-A

Matrix: Solid Lab File ID: ZB000005.D

Analysis Method: 8330B Date Collected:

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.00(g) Date Analyzed: 12/28/2012 15:00

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Zorbax CN ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7989 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.050	U	0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.050	U	0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.050	U	0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.050	U	0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.050	U	0.25	0.050	0.0073
2691-41-0	HMX	0.050	U	0.25	0.050	0.012
98-95-3	Nitrobenzene	0.050	U	0.25	0.050	0.018
55-63-0	Nitroglycerin	0.25	U	0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.050	U	0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.050	U	0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.050	U	0.25	0.050	0.018
78-11-5	PETN	0.25	U	0.50	0.25	0.025
121-82-4	RDX	0.050	U	0.25	0.050	0.012
479-45-8	Tetryl	0.050	U	0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.050	U	0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.050	U	0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	91		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000005.D		
Lims ID:	MB 320-7444/1-A	Client ID:	
Inject. Date:	28-Dec-2012 15:00:54	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	320-0001999-005		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC12
Injection Vol:	500.0 ul	ALS Bottle#:	11
Lims Batch ID:	7989	Lims Sample ID:	5
Method:	\\SACChrom\ChromData\LC12\20121228-1999.b\LC12_Conf_8330.m		
Last Update:	31-Dec-2012 15:39:15	Calib Date:	19-Nov-2012 14:12:43
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC12\20121116-1443.b\P000007.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm
Process Host:	XAWRK005		

First Level Reviewer: noonanr Date: 31-Dec-2012 15:39:15

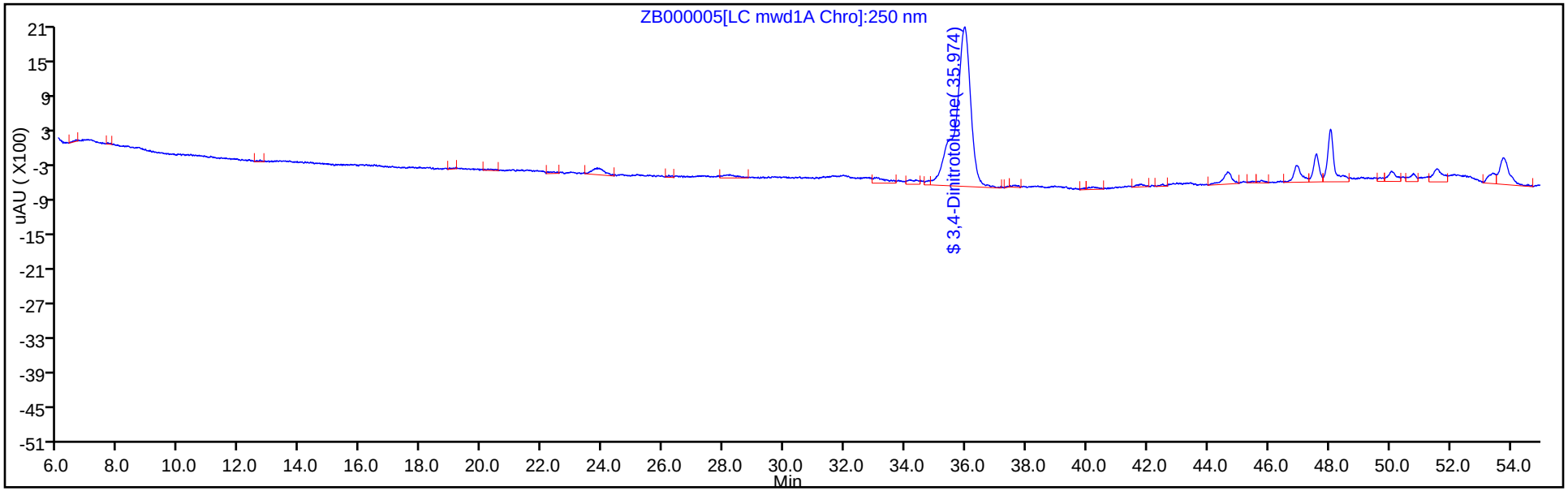
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
10 2,4,6-Trinitrophenol						
2	0.104	0.113	-0.008	98	0	
1	0.104	0.113	-0.008	99	0	
$ 30 3,4-Dinitrotoluene						
1	35.974	35.833	0.141	2753	57.0	

Report Date: 31-Dec-2012 15:39:16 Chrom Revision: 2.1 24-Dec-2012 15:14:58

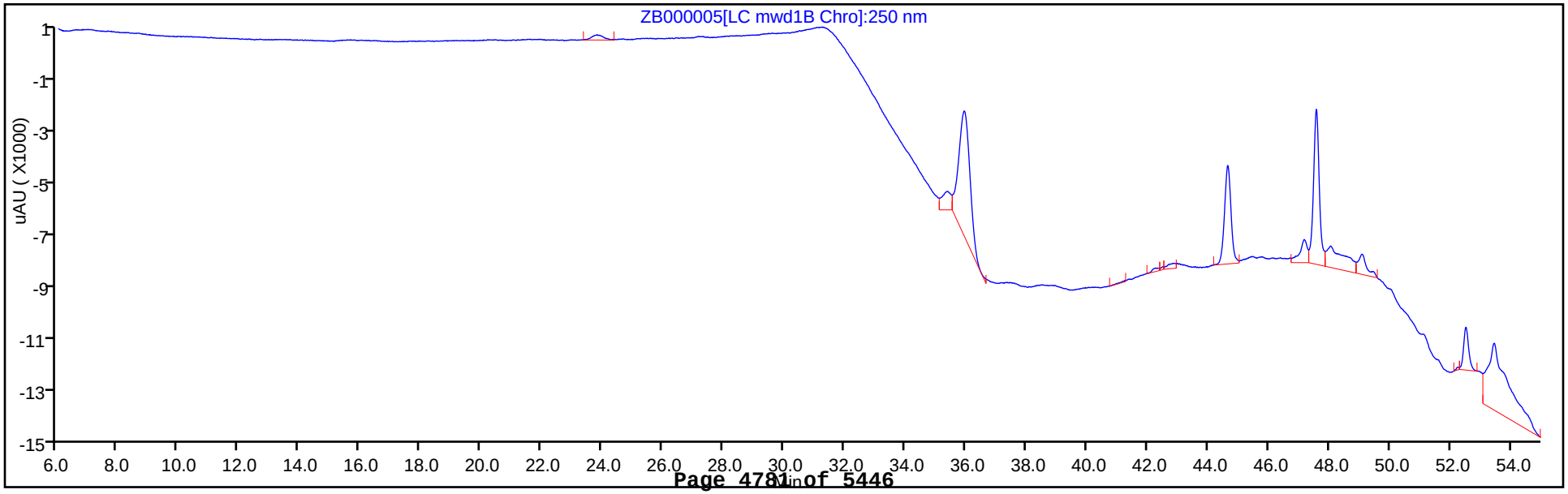
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC12\20121228-1999.b\ZB000005.D		
Injection Date:	28-Dec-2012 15:00:54	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC12
Lims Batch ID:	7989	Lims Sample ID:	5
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Zorbax Cyano CN	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 320-7444/2-A

Matrix: Solid Lab File ID: S000024.D

Analysis Method: 8330B Date Collected:

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.00(g) Date Analyzed: 12/20/2012 07:47

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.502		0.25	0.050	0.013
19406-51-0	4-Amino-2,6-dinitrotoluene	0.507		0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.503		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.497		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.490		0.25	0.050	0.0073
2691-41-0	HMX	0.501		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.505		0.25	0.050	0.018
55-63-0	Nitroglycerin	0.956		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.460		0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.476		0.25	0.050	0.016
99-99-0	4-Nitrotoluene	0.481		0.25	0.050	0.018
78-11-5	PETN	0.908		0.50	0.25	0.025
121-82-4	RDX	0.500		0.25	0.050	0.012
479-45-8	Tetryl	0.470		0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.501		0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.470		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	97		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File: \\SACChrom\ChromData\LC10\20121219-1888.b\S000024.D
Lims ID: LCS 320-7444/2-A Client ID:
Inject. Date: 20-Dec-2012 07:47:31 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 320-0001888-024
Misc. Info.:
Operator: RN Instrument ID: LC10
Injection Vol: 500.0 ul ALS Bottle#: 29
Lims Batch ID: 7620 Lims Sample ID: 24

Method: \\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m
Last Update: 20-Dec-2012 08:42:19 Calib Date: 01-Sep-2012 16:31:00
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D
Limit Group: LC 8330B ICAL
Integrator: Falcon
Column Type: Synergi Hydro-RP C18 Column Dia: 4.60 mm
Process Host: XAWRK002

First Level Reviewer: noonanr Date: 20-Dec-2012 08:42:19

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.227	5.234	-0.007	7886	62.7	
19 RDX						
1	7.521	7.511	0.010	5563	62.5	
27 1,3,5-Trinitrobenzene						
1	9.874	9.868	0.006	10178	62.6	
24 1,3-Dinitrobenzene						
1	12.504	12.528	-0.024	10169	62.9	
9 3,5-Dinitroaniline						
1	13.251	13.211	0.040	6440	62.0	
20 Tetryl						
1	13.687	13.634	0.053	5084	58.7	
5 Nitrobenzene						
1	14.267	14.224	0.043	4656	63.1	
7 Nitroglycerin						
2	14.921	14.888	0.033	7751	119.5	
25 2,4,6-Trinitrotoluene						
1	15.787	15.691	0.096	5457	58.8	
26 4-Amino-2,6-dinitrotoluene						
1	16.331	16.291	0.040	4797	63.3	
$ 30 3,4-Dinitrotoluene						
1	16.771	16.754	0.017	3431	60.9	
2	16.817	16.754	0.063	6366	61.6	
6 2-Amino-4,6-dinitrotoluene						
1	17.317	17.211	0.106	5249	62.8	
12 2,6-Dinitrotoluene						
1	18.921	18.911	0.010	3646	61.2	
23 2,4-Dinitrotoluene						
1	19.567	19.434	0.133	5964	62.1	

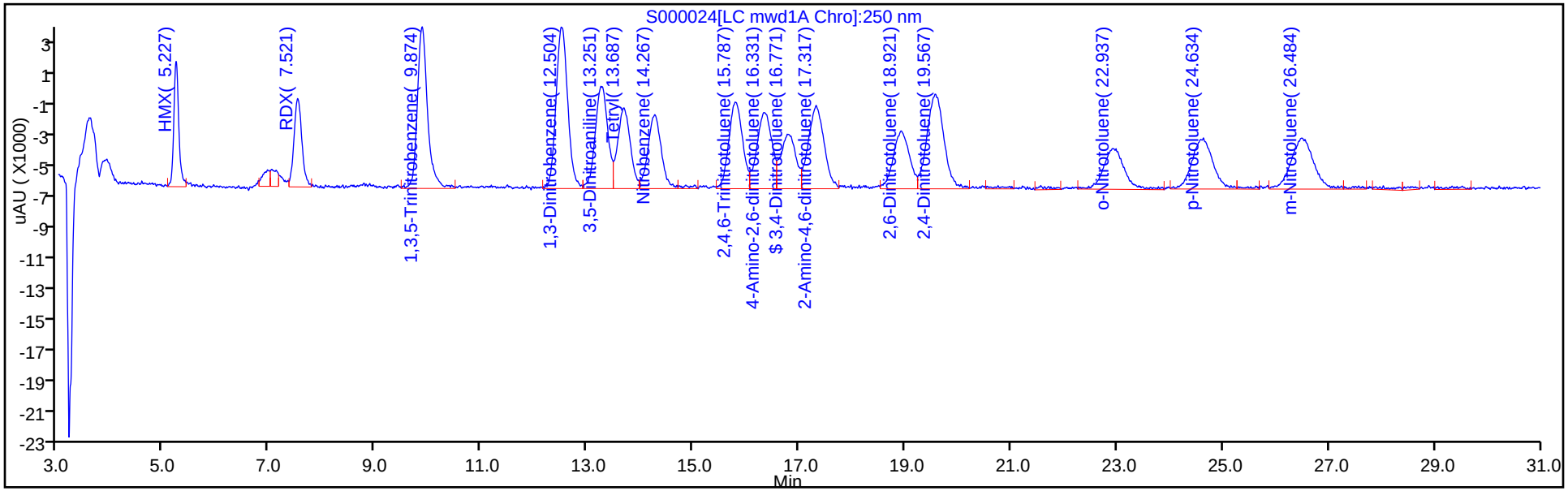
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.937	22.781	0.156	2563	57.5	
15 p-Nitrotoluene						
1	24.634	24.521	0.113	3214	60.2	
8 m-Nitrotoluene						
1	26.484	26.381	0.103	3209	59.5	
21 PETN						
2	28.887	28.728	0.159	4169	113.5	

Report Date: 20-Dec-2012 08:42:20 Chrom Revision: 2.1 14-Dec-2012 09:16:34

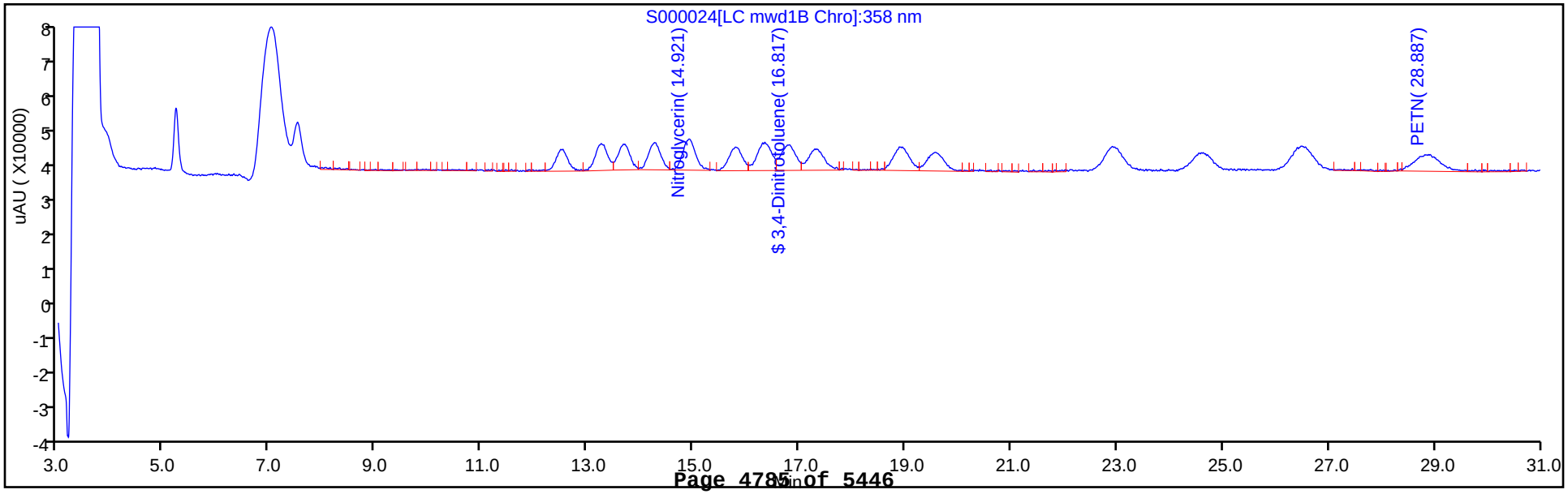
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000024.D		
Injection Date:	20-Dec-2012 07:47:31	Limit Group:	LC 8330B ICAL
Client ID:		Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	24
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MS | Lab Sample ID: 240-18544-19 MS

Matrix: Solid | Lab File ID: S000030.D

Analysis Method: 8330B | Date Collected: 12/06/2012 15:27

Extraction Method: 8330B | Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.08(g) | Date Analyzed: 12/20/2012 11:48

Con. Extract Vol.: 80(mL) | Dilution Factor: 1

Injection Volume: 500(uL) | GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.481		0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.480		0.25	0.050	0.0099
99-65-0	1,3-Dinitrobenzene	0.492		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.483		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.472		0.25	0.050	0.0072
2691-41-0	HMX	0.478		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.497		0.25	0.050	0.017
55-63-0	Nitroglycerin	0.941		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.464		0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.465		0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.468		0.25	0.050	0.018
78-11-5	PETN	0.951		0.50	0.25	0.025
121-82-4	RDX	0.471		0.25	0.050	0.012
479-45-8	Tetryl	0.466		0.25	0.050	0.0099
99-35-4	1,3,5-Trinitrobenzene	0.490		0.25	0.050	0.0099
118-96-7	2,4,6-Trinitrotoluene	0.458		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	97		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000030.D		
Lims ID:	240-18544-A-19-B MS	Client ID:	076SB-0100M-0002-SO
Inject. Date:	20-Dec-2012 11:48:53	Dil. Factor:	1.0000
Sample Type:	MS		
Sample ID:	320-0001888-029		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	33
Lims Batch ID:	7620	Lims Sample ID:	29
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	20-Dec-2012 12:54:21	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK002		
First Level Reviewer: noonanr		Date:	20-Dec-2012 12:54:21

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.234	5.228	0.006	7574	60.2	
19 RDX						
1	7.541	7.528	0.013	5283	59.4	
27 1,3,5-Trinitrobenzene						
1	9.884	9.878	0.006	10035	61.7	
24 1,3-Dinitrobenzene						
1	12.528	12.512	0.016	10024	62.0	
9 3,5-Dinitroaniline						
1	13.268	13.278	-0.010	6319	60.8	
20 Tetryl						
1	13.688	13.702	-0.014	5086	58.8	
5 Nitrobenzene						
1	14.265	14.248	0.017	4619	62.6	
7 Nitroglycerin						
2	14.898	14.912	-0.014	7697	118.6	
25 2,4,6-Trinitrotoluene						
1	15.791	15.795	-0.004	5349	57.6	
26 4-Amino-2,6-dinitrotoluene						
1	16.345	16.332	0.013	4579	60.5	
$ 30 3,4-Dinitrotoluene						
1	16.791	16.795	-0.004	3419	60.7	
2	16.778	16.798	-0.020	6512	63.0	
6 2-Amino-4,6-dinitrotoluene						
1	17.315	17.292	0.023	5071	60.7	
12 2,6-Dinitrotoluene						
1	18.931	18.908	0.023	3543	59.5	
23 2,4-Dinitrotoluene						
1	19.541	19.542	-0.001	5844	60.9	

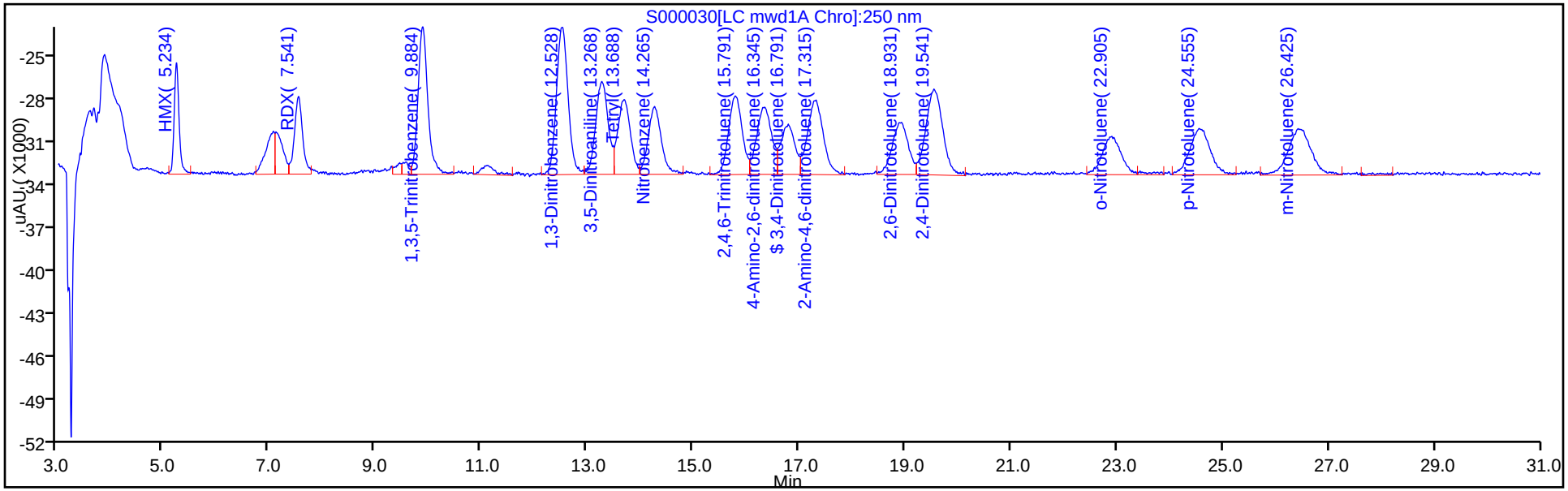
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.905	22.915	-0.010	2606	58.5	
15 p-Nitrotoluene						
1	24.555	24.552	0.003	3150	59.0	
8 m-Nitrotoluene						
1	26.425	26.468	-0.043	3162	58.6	
21 PETN						
2	28.828	28.792	0.036	4401	119.8	

Report Date: 20-Dec-2012 12:54:22 Chrom Revision: 2.1 14-Dec-2012 09:16:34

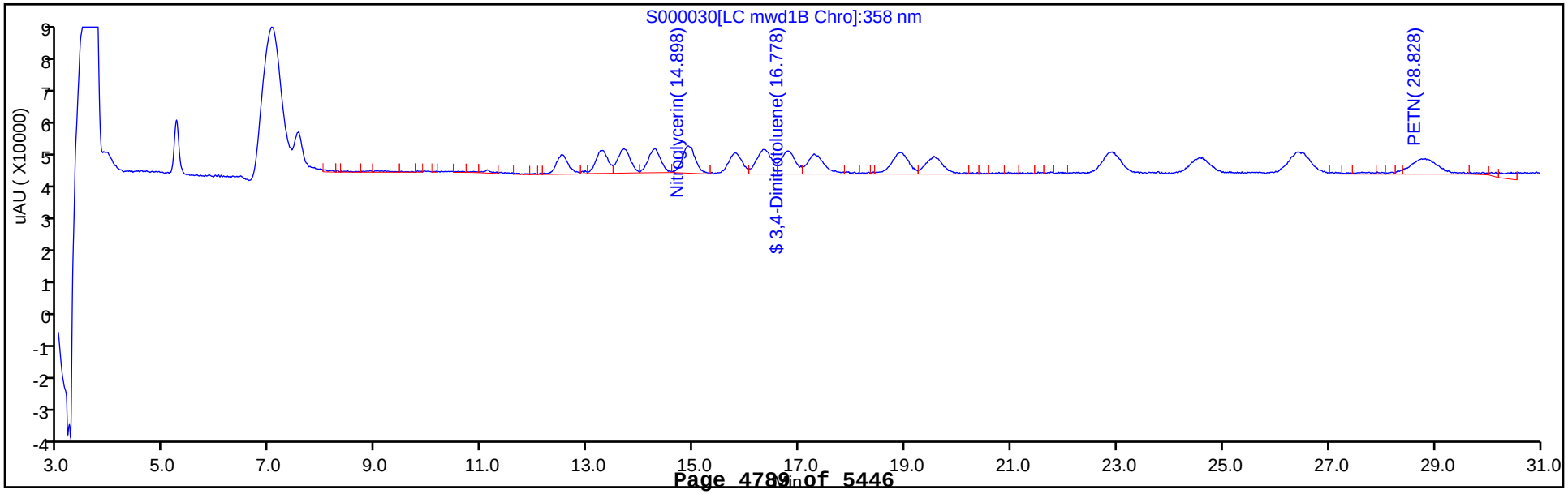
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000030.D		
Injection Date:	20-Dec-2012 11:48:53	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	29
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



FORM I
HPLC/IC ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MSD Lab Sample ID: 240-18544-19 MSD

Matrix: Solid Lab File ID: S000031.D

Analysis Method: 8330B Date Collected: 12/06/2012 15:27

Extraction Method: 8330B Date Extracted: 12/17/2012 10:34

Sample wt/vol: 10.03(g) Date Analyzed: 12/20/2012 12:29

Con. Extract Vol.: 80(mL) Dilution Factor: 1

Injection Volume: 500(uL) GC Column: Synergi C18 ID: 4.6(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 7620 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
35572-78-2	2-Amino-4,6-dinitrotoluene	0.486		0.25	0.050	0.012
19406-51-0	4-Amino-2,6-dinitrotoluene	0.507		0.25	0.050	0.010
99-65-0	1,3-Dinitrobenzene	0.510		0.25	0.050	0.0042
121-14-2	2,4-Dinitrotoluene	0.490		0.25	0.050	0.0053
606-20-2	2,6-Dinitrotoluene	0.487	M	0.25	0.050	0.0073
2691-41-0	HMX	0.499		0.25	0.050	0.012
98-95-3	Nitrobenzene	0.503		0.25	0.050	0.018
55-63-0	Nitroglycerin	0.978		0.50	0.25	0.015
88-72-2	2-Nitrotoluene	0.474		0.25	0.050	0.013
99-08-1	3-Nitrotoluene	0.484		0.25	0.050	0.015
99-99-0	4-Nitrotoluene	0.477		0.25	0.050	0.018
78-11-5	PETN	0.910		0.50	0.25	0.025
121-82-4	RDX	0.484		0.25	0.050	0.012
479-45-8	Tetryl	0.488		0.25	0.050	0.010
99-35-4	1,3,5-Trinitrobenzene	0.504		0.25	0.050	0.010
118-96-7	2,4,6-Trinitrotoluene	0.478		0.25	0.050	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
610-39-9	3,4-Dinitrotoluene	99		78-118

TestAmerica West Sacramento
Target Compound Quantitation Report

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000031.D		
Lims ID:	240-18544-A-19-C MSD	Client ID:	076SB-0100M-0002-SO
Inject. Date:	20-Dec-2012 12:29:21	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	320-0001888-030		
Misc. Info.:			
Operator:	RN	Instrument ID:	LC10
Injection Vol:	500.0 ul	ALS Bottle#:	34
Lims Batch ID:	7620	Lims Sample ID:	30
Method:	\\SACChrom\ChromData\LC10\20121219-1888.b\8330_LC10.m		
Last Update:	21-Dec-2012 13:50:53	Calib Date:	01-Sep-2012 16:31:00
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\SACChrom\ChromData\LC10\20120905-755.b\A-000013.D		
Limit Group:	LC 8330B ICAL		
Integrator:	Falcon		
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm
Process Host:	XAWRK023		
First Level Reviewer: noonanr		Date:	21-Dec-2012 13:50:53

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
11 HMX						
1	5.230	5.220	0.010	7871	62.6	
19 RDX						
1	7.540	7.507	0.033	5400	60.7	
27 1,3,5-Trinitrobenzene						
1	9.887	9.857	0.030	10285	63.2	
24 1,3-Dinitrobenzene						
1	12.534	12.483	0.051	10336	63.9	
9 3,5-Dinitroaniline						
1	13.290	13.223	0.067	6488	62.4	
20 Tetryl						
1	13.707	13.650	0.057	5298	61.2	
5 Nitrobenzene						
1	14.280	14.223	0.057	4654	63.1	
7 Nitroglycerin						
2	14.940	14.887	0.053	7958	122.6	
25 2,4,6-Trinitrotoluene						
1	15.824	15.757	0.067	5561	59.9	
26 4-Amino-2,6-dinitrotoluene						
1	16.347	16.297	0.050	4817	63.6	
$ 30 3,4-Dinitrotoluene						
1	16.814	16.747	0.067	3485	61.9	
2	16.797	16.780	0.017	6496	62.9	
6 2-Amino-4,6-dinitrotoluene						
1	17.314	17.273	0.041	5096	61.0	
12 2,6-Dinitrotoluene						M
1	18.927	18.880	0.047	3636	61.0	M
23 2,4-Dinitrotoluene						
1	19.574	19.523	0.051	5899	61.5	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ml	Flags
16 o-Nitrotoluene						
1	22.940	22.893	0.047	2648	59.4	
15 p-Nitrotoluene						
1	24.624	24.563	0.061	3192	59.7	
8 m-Nitrotoluene						
1	26.480	26.430	0.050	3270	60.6	
21 PETN						
2	28.827	28.807	0.020	4192	114.1	

QC Flag Legend

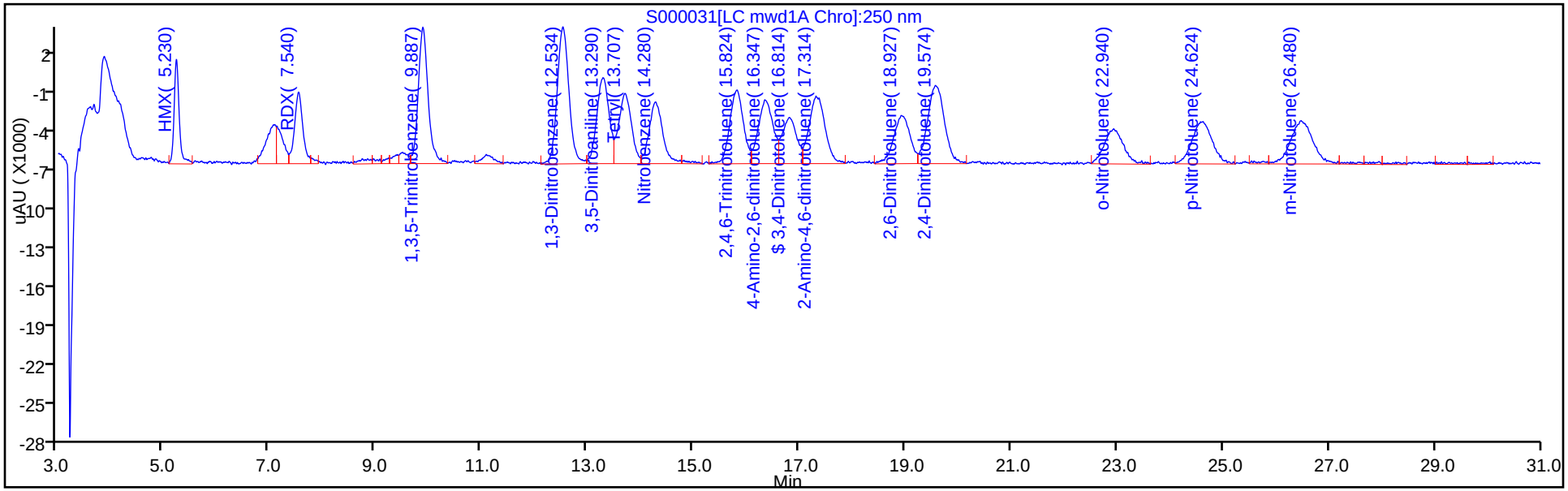
Review Flags
M - Manually Integrated

Report Date: 21-Dec-2012 13:50:53 Chrom Revision: 2.1 20-Dec-2012 15:49:16

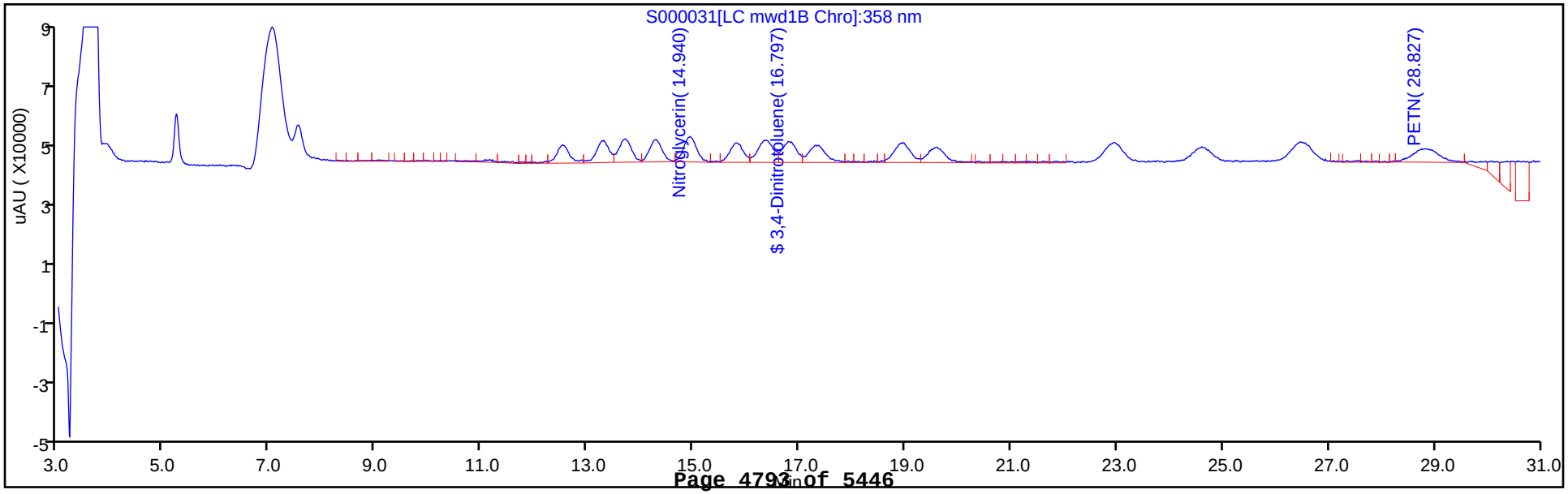
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000031.D		
Injection Date:	20-Dec-2012 12:29:21	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	30
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

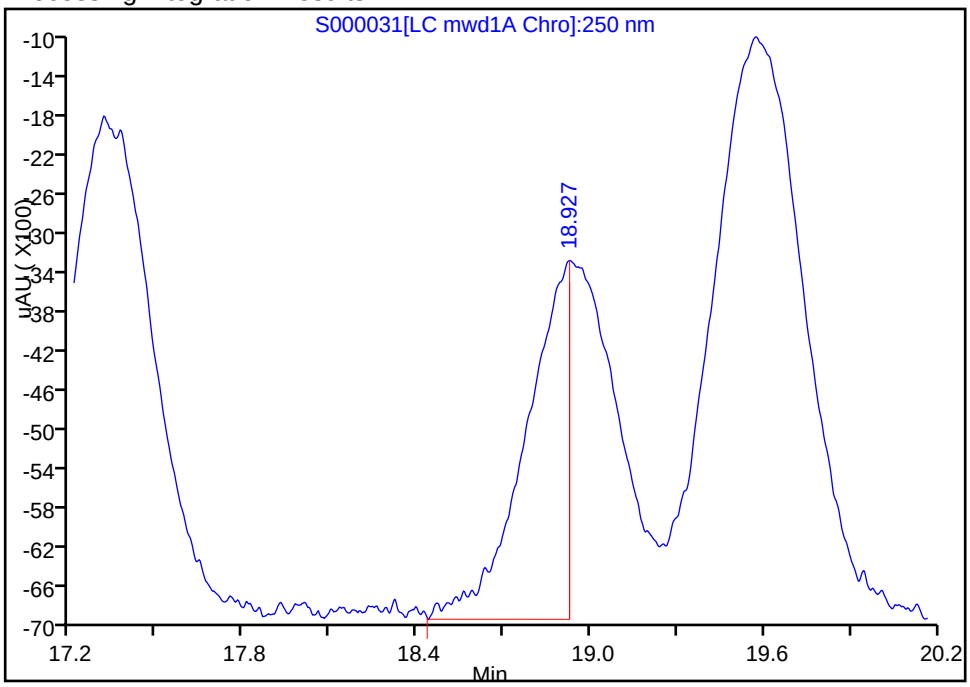
TestAmerica West Sacramento

Data File:	\\SACChrom\ChromData\LC10\20121219-1888.b\S000031.D		
Injection Date:	20-Dec-2012 12:29:21	Limit Group:	LC 8330B ICAL
Client ID:	076SB-0100M-0002-SO	Instrument ID:	LC10
Lims Batch ID:	7620	Lims Sample ID:	30
Operator ID:	RN	Injection Vol:	500.0 ul
Column Type:	Synergi Hydro-RP C18	Column Dia:	4.60 mm

12 2,6-Dinitrotoluene, Signal: 1, Type: quant, RT: 18.88, Det: LC mwd1A

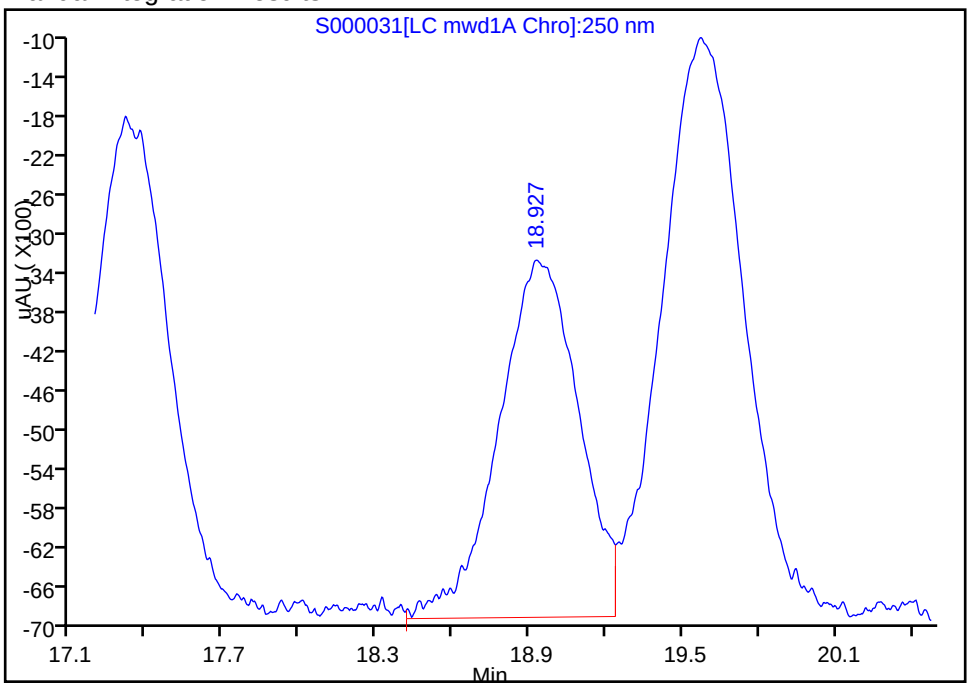
Processing Integration Results

RT: 18.93
Response: 3633
Amount: 60.975047



Manual Integration Results

RT: 18.93
Response: 3636
Amount: 61.025398



Reviewer: noonanr, 21-Dec-2012 13:50:53
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: LC10 Start Date: 09/01/2012 11:10

Analysis Batch Number: 3377 End Date: 09/01/2012 19:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/01/2012 11:10	1		Synergi C18 4.6(mm)
STD01 320-3377/2 IC		09/01/2012 11:50	1	A-000006.D	Synergi C18 4.6(mm)
STD02 320-3377/3 IC		09/01/2012 12:30	1	A-000007.D	Synergi C18 4.6(mm)
STD03 320-3377/4 IC		09/01/2012 13:10	1	A-000008.D	Synergi C18 4.6(mm)
STD04 320-3377/5 IC		09/01/2012 13:50	1	A-000009.D	Synergi C18 4.6(mm)
STD05 320-3377/6 IC		09/01/2012 14:30	1	A-000010.D	Synergi C18 4.6(mm)
STD06 320-3377/7 IC		09/01/2012 15:10	1	A-000011.D	Synergi C18 4.6(mm)
STD07 320-3377/8 IC		09/01/2012 15:50	1	A-000012.D	Synergi C18 4.6(mm)
STD08 320-3377/9 IC		09/01/2012 16:31	1	A-000013.D	Synergi C18 4.6(mm)
ZZZZZ		09/01/2012 17:10	1		Synergi C18 4.6(mm)
ICV 320-3377/11		09/01/2012 17:51	1	A-000015.D	Synergi C18 4.6(mm)
ICV 320-3377/12		09/01/2012 18:31	1		
LODV 320-3377/13		09/01/2012 19:11	1	A-000017.D	Synergi C18 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: LC10 Start Date: 12/19/2012 17:43

Analysis Batch Number: 7620 End Date: 12/22/2012 00:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-7620/3 CCVRT		12/19/2012 17:43	1		Synergi C18 4.6(mm)
CCV 320-7620/14 CCVRT		12/20/2012 01:05	1	S000014.D	Synergi C18 4.6(mm)
CCVL 320-7620/15		12/20/2012 01:45	1	S000015.D	Synergi C18 4.6(mm)
MB 320-7444/1-A		12/20/2012 07:07	1	S000023.D	Synergi C18 4.6(mm)
LCS 320-7444/2-A		12/20/2012 07:47	1	S000024.D	Synergi C18 4.6(mm)
240-18544-3	072SB-0065-0001-SO	12/20/2012 08:27	1	S000025.D	Synergi C18 4.6(mm)
CCV 320-7620/26 CCVRT		12/20/2012 09:07	1	S000026.D	Synergi C18 4.6(mm)
240-18544-16	076SB-0098-0001-SO	12/20/2012 09:48	1	S000027.D	Synergi C18 4.6(mm)
240-18544-19	076SB-0100M-0001-SO	12/20/2012 10:28	1	S000028.D	Synergi C18 4.6(mm)
240-18544-19 MS	076SB-0100M-0001-SO MS	12/20/2012 11:48	1	S000030.D	Synergi C18 4.6(mm)
240-18544-19 MSD	076SB-0100M-0001-SO MSD	12/20/2012 12:29	1	S000031.D	Synergi C18 4.6(mm)
240-18544-20	076SB-0101M-0001-SO	12/20/2012 13:09	1	S000032.D	Synergi C18 4.6(mm)
240-18544-21	076SB-0102M-0001-SO	12/20/2012 13:49	1	S000033.D	Synergi C18 4.6(mm)
240-18544-22	076SB-0103M-0001-SO	12/20/2012 14:29	1	S000034.D	Synergi C18 4.6(mm)
240-18544-23	076SB-0104M-0001-SO	12/20/2012 15:09	1	S000035.D	Synergi C18 4.6(mm)
240-18544-24	076SB-0105M-0001-SO	12/20/2012 15:50	1	S000036.D	Synergi C18 4.6(mm)
CCV 320-7620/37 CCVRT		12/20/2012 16:30	1	S000037.D	Synergi C18 4.6(mm)
240-18544-25	076SB-0106M-0001-SO	12/20/2012 17:10	1	S000038.D	Synergi C18 4.6(mm)
240-18544-26	076SB-0107M-0001-SO	12/20/2012 17:51	1	S000039.D	Synergi C18 4.6(mm)
240-18544-27	076SB-0108M-0001-SO	12/20/2012 18:31	1	S000040.D	Synergi C18 4.6(mm)
240-18544-28	076SB-0109M-0001-SO	12/20/2012 19:12	1	S000041.D	Synergi C18 4.6(mm)
240-18544-29	076SB-0110M-0001-SO	12/20/2012 19:52	1	S000042.D	Synergi C18 4.6(mm)
240-18544-31	076SB-0112M-0001-SO	12/20/2012 20:32	1	S000043.D	Synergi C18 4.6(mm)
240-18544-33	076SB-0114M-0001-SO	12/20/2012 21:13	1	S000044.D	Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 21:54	1		Synergi C18 4.6(mm)
ZZZZZ		12/20/2012 22:34	1		Synergi C18 4.6(mm)
CCV 320-7620/46 CCVRT		12/20/2012 23:14	1	S000047.D	Synergi C18 4.6(mm)
CCVL 320-7620/47		12/20/2012 23:55	1	S000048.D	Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 00:35	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 01:16	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 01:56	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 02:37	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 03:17	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 03:58	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 04:38	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 05:19	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 05:59	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 06:39	1		Synergi C18 4.6(mm)
CCV 320-7620/66 CCVRT		12/21/2012 07:19	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 08:00	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 08:40	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 09:20	1		Synergi C18 4.6(mm)

8330B

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: LC10 Start Date: 12/19/2012 17:43

Analysis Batch Number: 7620 End Date: 12/22/2012 00:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/21/2012 10:00	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 10:41	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 11:21	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 12:01	1		Synergi C18 4.6(mm)
CCV 320-7620/67 CCVRT		12/21/2012 12:41	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 13:22	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 14:02	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 14:42	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 15:22	1		Synergi C18 4.6(mm)
ZZZZZ		12/21/2012 16:02	1		Synergi C18 4.6(mm)
CCV 320-7620/73 CCVRT		12/21/2012 16:42	1		Synergi C18 4.6(mm)
CCVL 320-7620/74		12/21/2012 17:23	1		Synergi C18 4.6(mm)
CCV 320-7620/85 CCVRT		12/22/2012 00:44	1		Synergi C18 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: LC12 Start Date: 10/01/2012 12:30

Analysis Batch Number: 4221 End Date: 10/03/2012 00:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD01 320-4221/2 IC		10/01/2012 12:30	1	C-000004.D	Zorbax CN 4.6(mm)
STD02 320-4221/3 IC		10/01/2012 13:36	1	C-000005.D	Zorbax CN 4.6(mm)
STD03 320-4221/4 IC		10/01/2012 14:41	1	C-000006.D	Zorbax CN 4.6(mm)
STD04 320-4221/5 IC		10/01/2012 15:46	1	C-000007.D	Zorbax CN 4.6(mm)
STD05 320-4221/6 IC		10/01/2012 16:52	1	C-000008.D	Zorbax CN 4.6(mm)
STD06 320-4221/7 IC		10/01/2012 17:57	1	C-000009.D	Zorbax CN 4.6(mm)
STD07 320-4221/8 IC		10/01/2012 19:03	1	C-000010.D	Zorbax CN 4.6(mm)
STD08 320-4221/9 IC		10/01/2012 20:08	1	C-000011.D	Zorbax CN 4.6(mm)
ZZZZZ		10/01/2012 21:13	1		Zorbax CN 4.6(mm)
ZZZZZ		10/01/2012 22:19	1		Zorbax CN 4.6(mm)
ICV 320-4221/12		10/01/2012 23:24	1	C-000014.D	Zorbax CN 4.6(mm)
LODV 320-4221/13		10/02/2012 00:29	1	C-000015.D	Zorbax CN 4.6(mm)
CCV 320-4221/22		10/02/2012 10:17	1		Zorbax CN 4.6(mm)
CCV 320-4221/32		10/02/2012 21:11	1		Zorbax CN 4.6(mm)
CCV 320-4221/35		10/03/2012 00:27	1		Zorbax CN 4.6(mm)

HPLC/IC ANALYSIS RUN LOG

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Instrument ID: LC12 Start Date: 12/28/2012 12:49

Analysis Batch Number: 7989 End Date: 12/28/2012 22:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 320-7989/3 CCVRT		12/28/2012 12:49	1	ZB000003.D	Zorbax CN 4.6(mm)
CCVL 320-7989/4		12/28/2012 13:55	1	ZB000004.D	Zorbax CN 4.6(mm)
MB 320-7444/1-A		12/28/2012 15:00	1	ZB000005.D	Zorbax CN 4.6(mm)
240-18544-19	076SB-0100M-0001-SO	12/28/2012 16:06	1	ZB000006.D	Zorbax CN 4.6(mm)
240-18544-21	076SB-0102M-0001-SO	12/28/2012 17:11	1	ZB000007.D	Zorbax CN 4.6(mm)
240-18544-26	076SB-0107M-0001-SO	12/28/2012 18:17	1	ZB000008.D	Zorbax CN 4.6(mm)
ZZZZZ		12/28/2012 19:22	1		Zorbax CN 4.6(mm)
ZZZZZ		12/28/2012 20:27	1		Zorbax CN 4.6(mm)
CCV 320-7989/11 CCVRT		12/28/2012 21:33	1	ZB000011.D	Zorbax CN 4.6(mm)
CCVL 320-7989/12		12/28/2012 22:38	1	ZB000012.D	Zorbax CN 4.6(mm)

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Batch Number: 7444 Batch Start Date: 12/17/12 10:34 Batch Analyst: Arauz, Horacio

Batch Method: 8330B Batch End Date: 12/19/12 08:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	HP34DNTSU 00008	HP8330SP 00011	HPNGPETNSP 00001	
MB 320-7444/1		8330B, 8330B		10.00 g	80 mL	100 uL			
LCS 320-7444/2		8330B, 8330B		10.00 g	80 mL	100 uL	100 uL	200 uL	
240-18544-I-3	072SB-0065-0001-SO	8330B, 8330B	T	10.06 g	80 mL	100 uL			
240-18544-F-16	076SB-0098-0001-SO	8330B, 8330B	T	10.04 g	80 mL	100 uL			
240-18544-Y-19	076SB-0100M-0001-SO	8330B, 8330B	T	10.05 g	80 mL	100 uL			
240-18544-A-19 MS	076SB-0100M-0001-SO	8330B, 8330B	T	10.08 g	80 mL	100 uL	100 uL	200 uL	
240-18544-A-19 MSD	076SB-0100M-0001-SO	8330B, 8330B	T	10.03 g	80 mL	100 uL	100 uL	200 uL	
240-18544-F-20	076SB-0101M-0001-SO	8330B, 8330B	T	10.06 g	80 mL	100 uL			
240-18544-F-21	076SB-0102M-0001-SO	8330B, 8330B	T	10.00 g	80 mL	100 uL			
240-18544-F-22	076SB-0103M-0001-SO	8330B, 8330B	T	10.09 g	80 mL	100 uL			
240-18544-F-23	076SB-0104M-0001-SO	8330B, 8330B	T	10.04 g	80 mL	100 uL			
240-18544-F-24	076SB-0105M-0001-SO	8330B, 8330B	T	10.08 g	80 mL	100 uL			
240-18544-F-25	076SB-0106M-0001-SO	8330B, 8330B	T	10.10 g	80 mL	100 uL			
240-18544-F-26	076SB-0107M-0001-SO	8330B, 8330B	T	10.07 g	80 mL	100 uL			
240-18544-F-27	076SB-0108M-0001-SO	8330B, 8330B	T	10.04 g	80 mL	100 uL			
240-18544-F-28	076SB-0109M-0001-SO	8330B, 8330B	T	10.01 g	80 mL	100 uL			
240-18544-F-29	076SB-0110M-0001-SO	8330B, 8330B	T	10.00 g	80 mL	100 uL			
240-18544-I-31	076SB-0112M-0001-SO	8330B, 8330B	T	10.09 g	80 mL	100 uL			
240-18544-F-33	076SB-0114M-0001-SO	8330B, 8330B	T	10.02 g	80 mL	100 uL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HPLC/IC BATCH WORKSHEET

Lab Name: TestAmerica Sacramento Job No.: 240-18544-1

SDG No.:

Batch Number: 7444 Batch Start Date: 12/17/12 10:34 Batch Analyst: Arauz, Horacio

Batch Method: 8330B Batch End Date: 12/19/12 08:00

Batch Notes	
Balance ID	QA-070
Calcium Chloride Reagent ID	CACL2_00003
Person's name who did the concentration	NK
Date of Clean up	12/19/12
Analyst performed Clean Up	NK
Date Dilution Performed	12/19/12
Analytst performing Dilution	NK
Date Sample was Dried	12/14/12
Filter Lot #	R2DA02309
Filter Type	.45um MILLIPORE
Date Sample was Ground	12/17/12
Minumum Temperature	0
Prep Solvent Volume Used	20 mL
Person's name who witnessed reagent drop	TP
Blank Sand Lot #	FISHER 120571
Solvent Lot #	HPHOAC/ACN_00003
Solvent Name	0.1% HOAC/ACN
Sonication Start Time	12/17/12 13:00
Sonication Stop Time	12/18/12 7:00
SOP Number	WS-LC-0009
Maximum Temperature	35

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Canton Job Number: 240-18544-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
072SB-0063-0001-SO	240-18544-1
072SB-0064-0001-SO	240-18544-2
072SB-0065-0001-SO	240-18544-3
072SB-0066-0001-SO	240-18544-4
072SB-0067-0001-SO	240-18544-5
072SB-0068-0001-SO	240-18544-6
076SB-0090M-0001-SO	240-18544-7
076SB-0091M-0001-SO	240-18544-8
076SB-0092-0001-SO	240-18544-10
076SB-0093-0001-SO	240-18544-11
076SB-0094-0001-SO	240-18544-12
076SB-0095-0001-SO	240-18544-13
076SB-0096-0001-SO	240-18544-14
076SB-0097-0001-SO	240-18544-15
076SB-0098-0001-SO	240-18544-16
076SB-0099-0001-SO	240-18544-17
076SB-0078-0001-SO	240-18544-18
076SB-0100M-0001-SO	240-18544-19
076SB-0101M-0001-SO	240-18544-20
076SB-0102M-0001-SO	240-18544-21
076SB-0103M-0001-SO	240-18544-22
076SB-0104M-0001-SO	240-18544-23
076SB-0105M-0001-SO	240-18544-24
076SB-0106M-0001-SO	240-18544-25
076SB-0107M-0001-SO	240-18544-26
076SB-0108M-0001-SO	240-18544-27
076SB-0109M-0001-SO	240-18544-28
076SB-0110M-0001-SO	240-18544-29
076SB-0111M-0001-SO	240-18544-30
076SB-0112M-0001-SO	240-18544-31
076SB-0113M-0001-SO	240-18544-32
076SB-0114M-0001-SO	240-18544-33
076SB-0115M-0001-SO	240-18544-34
075TR-0002-0001-SO	240-18544-38
075TR-0003-0001-SO	240-18544-39
075TR-0004-0001-SO	240-18544-40
075TR-0005-0001-SO	240-18544-41
075TR-0006-0001-SO	240-18544-42
075TR-0007-0001-SO	240-18544-43

Comments:

COVER PAGE
METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-18544-1

SDG No.:

Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
072SB-0063-0001-SO	240-18544-1
072SB-0064-0001-SO	240-18544-2
072SB-0065-0001-SO	240-18544-3
072SB-0066-0001-SO	240-18544-4
072SB-0067-0001-SO	240-18544-5
072SB-0068-0001-SO	240-18544-6
076SB-0090M-0001-SO	240-18544-7
076SB-0091M-0001-SO	240-18544-8
076SB-0092-0001-SO	240-18544-10
076SB-0093-0001-SO	240-18544-11
076SB-0094-0001-SO	240-18544-12
076SB-0095-0001-SO	240-18544-13
076SB-0096-0001-SO	240-18544-14
076SB-0097-0001-SO	240-18544-15
076SB-0098-0001-SO	240-18544-16
076SB-0099-0001-SO	240-18544-17
076SB-0078-0001-SO	240-18544-18
076SB-0100M-0001-SO	240-18544-19
076SB-0101M-0001-SO	240-18544-20
076SB-0102M-0001-SO	240-18544-21
076SB-0103M-0001-SO	240-18544-22
076SB-0104M-0001-SO	240-18544-23
076SB-0105M-0001-SO	240-18544-24
076SB-0106M-0001-SO	240-18544-25
076SB-0107M-0001-SO	240-18544-26
076SB-0108M-0001-SO	240-18544-27
076SB-0109M-0001-SO	240-18544-28
076SB-0110M-0001-SO	240-18544-29
076SB-0111M-0001-SO	240-18544-30
076SB-0112M-0001-SO	240-18544-31
076SB-0113M-0001-SO	240-18544-32
076SB-0114M-0001-SO	240-18544-33
076SB-0115M-0001-SO	240-18544-34

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 072SB-0063-0001-SO
Lab Sample ID: 240-18544-1
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 09:22
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 88.8

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.017	0.12	0.041	0.017	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 072SB-0064-0001-SO
Lab Sample ID: 240-18544-2
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 09:22
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 89.7

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.024	0.12	0.040	0.017	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 072SB-0065-0001-SO
Lab Sample ID: 240-18544-3
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 09:57
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 89.0

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.041	0.12	0.041	0.017	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 072SB-0066-0001-SO
Lab Sample ID: 240-18544-4
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 10:12
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 88.6

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.020	0.12	0.039	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 072SB-0067-0001-SO
Lab Sample ID: 240-18544-5
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 10:20
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 89.9

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.020	0.098	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 072SB-0068-0001-SO
Lab Sample ID: 240-18544-6
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 09:28
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 90.3

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.022	0.11	0.037	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0090M-0001-SO
Lab Sample ID: 240-18544-7
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:40
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.032	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0091M-0001-SO
Lab Sample ID: 240-18544-8
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:40
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.030	0.11	0.035	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0092-0001-SO
Lab Sample ID: 240-18544-10
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 13:25
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.038	0.12	0.039	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0093-0001-SO
Lab Sample ID: 240-18544-11
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 13:25
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.039	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0094-0001-SO
Lab Sample ID: 240-18544-12
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 13:35
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.042	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0095-0001-SO
Lab Sample ID: 240-18544-13
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 13:35
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.038	0.097	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0096-0001-SO
Lab Sample ID: 240-18544-14
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:08
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.031	0.098	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0097-0001-SO
Lab Sample ID: 240-18544-15
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:08
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.026	0.090	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0098-0001-SO
Lab Sample ID: 240-18544-16
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:33
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.027	0.11	0.035	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0099-0001-SO
Lab Sample ID: 240-18544-17
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 15:40
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.028	0.090	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0078-0001-SO
Lab Sample ID: 240-18544-18
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 09:30
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 91.7

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.029	0.12	0.041	0.017	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0100M-0001-SO
Lab Sample ID: 240-18544-19
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 15:27
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.032	0.11	0.037	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0101M-0001-SO
Lab Sample ID: 240-18544-20
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 15:27
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.021	0.094	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0102M-0001-SO
Lab Sample ID: 240-18544-21
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 15:45
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.030	0.092	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0103M-0001-SO
Lab Sample ID: 240-18544-22
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 15:45
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.031	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0104M-0001-SO
Lab Sample ID: 240-18544-23
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 16:35
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.030	0.097	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0105M-0001-SO
Lab Sample ID: 240-18544-24
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 16:35
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.030	0.090	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0106M-0001-SO
Lab Sample ID: 240-18544-25
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 16:25
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.026	0.11	0.037	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0107M-0001-SO
Lab Sample ID: 240-18544-26
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 16:25
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.025	0.090	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0108M-0001-SO
Lab Sample ID: 240-18544-27
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 15:50
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.030	0.11	0.035	0.015	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0109M-0001-SO
Lab Sample ID: 240-18544-28
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 16:05
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.029	0.086	0.028	0.012	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0110M-0001-SO
Lab Sample ID: 240-18544-29
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 17:04
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.023	0.097	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0111M-0001-SO
Lab Sample ID: 240-18544-30
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 17:04
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.022	0.091	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0112M-0001-SO
Lab Sample ID: 240-18544-31
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 17:25
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.030	0.094	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0113M-0001-SO
Lab Sample ID: 240-18544-32
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 17:25
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.031	0.12	0.039	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0114M-0001-SO
Lab Sample ID: 240-18544-33
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 17:35
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.030	0.090	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0115M-0001-SO
Lab Sample ID: 240-18544-34
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 17:35
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.033	0.12	0.039	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 075TR-0002-0001-SO
Lab Sample ID: 240-18544-38
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:00
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 79.7

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.046	0.14	0.046	0.020	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 075TR-0003-0001-SO
Lab Sample ID: 240-18544-39
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:00
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 79.2

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.046	0.14	0.046	0.020	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 075TR-0004-0001-SO
Lab Sample ID: 240-18544-40
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:10
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 80.1

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.047	0.14	0.047	0.020	mg/Kg	U		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 075TR-0005-0001-SO
Lab Sample ID: 240-18544-41
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:20
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 75.5

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.052	0.13	0.042	0.018	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 075TR-0006-0001-SO
Lab Sample ID: 240-18544-42
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:30
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 74.4

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.35	0.12	0.039	0.017	mg/Kg			1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 075TR-0007-0001-SO
Lab Sample ID: 240-18544-43
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:40
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 78.3

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Mercury	0.048	0.14	0.045	0.019	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 072SB-0063-0001-SO
Lab Sample ID: 240-18544-1
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 09:22
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 88.8

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.024	0.10	0.031	0.012	mg/Kg	J		1	6020/DOD
Aluminum	5400	3.1	0.62	0.29	mg/Kg			1	6020/DOD
Arsenic	11	0.10	0.052	0.019	mg/Kg			1	6020/DOD
Barium	21	1.0	0.021	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.40	0.10	0.010	0.0078	mg/Kg			1	6020/DOD
Calcium	1200	10	2.6	1.4	mg/Kg			1	6020/DOD
Cadmium	0.15	0.10	0.031	0.014	mg/Kg		Q	1	6020/DOD
Chromium	9.2	0.21	0.041	0.023	mg/Kg			1	6020/DOD
Cobalt	7.7	0.052	0.010	0.0025	mg/Kg		Q	1	6020/DOD
Copper	15	0.21	0.062	0.034	mg/Kg		Q	1	6020/DOD
Iron	17000	5.2	2.1	1.1	mg/Kg			1	6020/DOD
Magnesium	1600	10	2.1	1.1	mg/Kg			1	6020/DOD
Manganese	270	0.52	0.031	0.016	mg/Kg		Q	1	6020/DOD
Sodium	32	10	5.2	2.7	mg/Kg			1	6020/DOD
Nickel	16	0.10	0.031	0.012	mg/Kg		Q	1	6020/DOD
Lead	11	0.10	0.031	0.016	mg/Kg			1	6020/DOD
Antimony	0.069	0.21	0.10	0.047	mg/Kg	J		1	6020/DOD
Thallium	0.12	0.10	0.021	0.011	mg/Kg			1	6020/DOD
Vanadium	9.8	0.10	0.062	0.031	mg/Kg			1	6020/DOD
Zinc	59	0.52	0.21	0.067	mg/Kg		Q	1	6020/DOD
Potassium	950	10	6.2	3.3	mg/Kg			1	6020/DOD
Selenium	0.38	0.52	0.10	0.053	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 072SB-0064-0001-SO
Lab Sample ID: 240-18544-2
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 09:22
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 89.7

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.028	0.090	0.027	0.010	mg/Kg	J		1	6020/DOD
Aluminum	5500	2.7	0.54	0.26	mg/Kg			1	6020/DOD
Arsenic	10	0.090	0.045	0.016	mg/Kg			1	6020/DOD
Barium	23	0.90	0.018	0.0096	mg/Kg		Q	1	6020/DOD
Beryllium	0.38	0.090	0.0090	0.0067	mg/Kg			1	6020/DOD
Calcium	1100	9.0	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.19	0.090	0.027	0.012	mg/Kg		Q	1	6020/DOD
Chromium	9.0	0.18	0.036	0.020	mg/Kg			1	6020/DOD
Cobalt	7.6	0.045	0.0090	0.0022	mg/Kg		Q	1	6020/DOD
Copper	14	0.18	0.054	0.030	mg/Kg		Q	1	6020/DOD
Iron	18000	4.5	1.8	0.97	mg/Kg			1	6020/DOD
Magnesium	1700	9.0	1.8	0.97	mg/Kg			1	6020/DOD
Manganese	420	0.45	0.027	0.014	mg/Kg		Q	1	6020/DOD
Sodium	27	9.0	4.5	2.4	mg/Kg			1	6020/DOD
Nickel	19	0.090	0.027	0.010	mg/Kg		Q	1	6020/DOD
Lead	9.7	0.090	0.027	0.014	mg/Kg			1	6020/DOD
Antimony	0.061	0.18	0.090	0.041	mg/Kg	J		1	6020/DOD
Thallium	0.13	0.090	0.018	0.0092	mg/Kg			1	6020/DOD
Vanadium	9.6	0.090	0.054	0.027	mg/Kg			1	6020/DOD
Zinc	52	0.45	0.18	0.058	mg/Kg		Q	1	6020/DOD
Potassium	960	9.0	5.4	2.8	mg/Kg			1	6020/DOD
Selenium	0.21	0.45	0.090	0.046	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 072SB-0065-0001-SO
Lab Sample ID: 240-18544-3
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 09:57
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 89.0

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.028	0.11	0.032	0.012	mg/Kg	J		1	6020/DOD
Aluminum	5600	3.2	0.63	0.30	mg/Kg			1	6020/DOD
Arsenic	9.7	0.11	0.053	0.019	mg/Kg			1	6020/DOD
Barium	20	1.1	0.021	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.37	0.11	0.011	0.0079	mg/Kg			1	6020/DOD
Calcium	18000	11	2.6	1.4	mg/Kg			1	6020/DOD
Cadmium	0.12	0.11	0.032	0.014	mg/Kg		Q	1	6020/DOD
Chromium	9.4	0.21	0.042	0.023	mg/Kg			1	6020/DOD
Cobalt	6.4	0.053	0.011	0.0025	mg/Kg		Q	1	6020/DOD
Copper	13	0.21	0.063	0.035	mg/Kg		Q	1	6020/DOD
Iron	18000	5.3	2.1	1.1	mg/Kg			1	6020/DOD
Magnesium	3300	11	2.1	1.1	mg/Kg			1	6020/DOD
Manganese	230	0.53	0.032	0.017	mg/Kg		Q	1	6020/DOD
Sodium	54	11	5.3	2.8	mg/Kg			1	6020/DOD
Nickel	15	0.11	0.032	0.012	mg/Kg		Q	1	6020/DOD
Lead	10	0.11	0.032	0.016	mg/Kg			1	6020/DOD
Antimony	0.062	0.21	0.11	0.048	mg/Kg	J		1	6020/DOD
Thallium	0.083	0.11	0.021	0.011	mg/Kg	J		1	6020/DOD
Vanadium	10	0.11	0.063	0.031	mg/Kg			1	6020/DOD
Zinc	50	0.53	0.21	0.068	mg/Kg		Q	1	6020/DOD
Potassium	1100	11	6.3	3.3	mg/Kg			1	6020/DOD
Selenium	0.38	0.53	0.11	0.053	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 072SB-0066-0001-SO
Lab Sample ID: 240-18544-4
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 10:12
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 88.6

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.050	0.10	0.031	0.012	mg/Kg	J		1	6020/DOD
Aluminum	7000	3.1	0.62	0.29	mg/Kg			1	6020/DOD
Arsenic	17	0.10	0.051	0.019	mg/Kg			1	6020/DOD
Barium	35	1.0	0.021	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.44	0.10	0.010	0.0077	mg/Kg			1	6020/DOD
Calcium	1600	10	2.6	1.4	mg/Kg			1	6020/DOD
Cadmium	0.22	0.10	0.031	0.014	mg/Kg		Q	1	6020/DOD
Chromium	14	0.21	0.041	0.023	mg/Kg			1	6020/DOD
Cobalt	7.7	0.051	0.010	0.0025	mg/Kg		Q	1	6020/DOD
Copper	19	0.21	0.062	0.034	mg/Kg		Q	1	6020/DOD
Iron	25000	5.1	2.1	1.1	mg/Kg			1	6020/DOD
Magnesium	2400	10	2.1	1.1	mg/Kg			1	6020/DOD
Manganese	270	0.51	0.031	0.016	mg/Kg		Q	1	6020/DOD
Sodium	33	10	5.1	2.7	mg/Kg			1	6020/DOD
Nickel	21	0.10	0.031	0.012	mg/Kg		Q	1	6020/DOD
Lead	15	0.10	0.031	0.016	mg/Kg			1	6020/DOD
Antimony	0.062	0.21	0.10	0.047	mg/Kg	J		1	6020/DOD
Thallium	0.14	0.10	0.021	0.010	mg/Kg			1	6020/DOD
Vanadium	11	0.10	0.062	0.031	mg/Kg			1	6020/DOD
Zinc	86	0.51	0.21	0.067	mg/Kg		Q	1	6020/DOD
Potassium	1200	10	6.2	3.2	mg/Kg			1	6020/DOD
Selenium	0.26	0.51	0.10	0.052	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 072SB-0067-0001-SO
Lab Sample ID: 240-18544-5
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 10:20
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 89.9

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.025	0.087	0.026	0.0099	mg/Kg	J		1	6020/DOD
Aluminum	5100	2.6	0.52	0.25	mg/Kg			1	6020/DOD
Arsenic	7.9	0.087	0.043	0.016	mg/Kg			1	6020/DOD
Barium	21	0.87	0.017	0.0093	mg/Kg		Q	1	6020/DOD
Beryllium	0.34	0.087	0.0087	0.0065	mg/Kg			1	6020/DOD
Calcium	6500	8.7	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.15	0.087	0.026	0.011	mg/Kg		Q	1	6020/DOD
Chromium	8.4	0.17	0.035	0.019	mg/Kg			1	6020/DOD
Cobalt	6.6	0.043	0.0087	0.0021	mg/Kg		Q	1	6020/DOD
Copper	14	0.17	0.052	0.029	mg/Kg		Q	1	6020/DOD
Iron	16000	4.3	1.7	0.94	mg/Kg			1	6020/DOD
Magnesium	2500	8.7	1.7	0.94	mg/Kg			1	6020/DOD
Manganese	260	0.43	0.026	0.014	mg/Kg		Q	1	6020/DOD
Sodium	33	8.7	4.3	2.3	mg/Kg			1	6020/DOD
Nickel	15	0.087	0.026	0.0098	mg/Kg		Q	1	6020/DOD
Lead	15	0.087	0.026	0.013	mg/Kg			1	6020/DOD
Antimony	0.057	0.17	0.087	0.040	mg/Kg	J		1	6020/DOD
Thallium	0.10	0.087	0.017	0.0089	mg/Kg			1	6020/DOD
Vanadium	9.6	0.087	0.052	0.026	mg/Kg			1	6020/DOD
Zinc	52	0.43	0.17	0.056	mg/Kg		Q	1	6020/DOD
Potassium	950	8.7	5.2	2.7	mg/Kg			1	6020/DOD
Selenium	0.17	0.43	0.087	0.044	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 072SB-0068-0001-SO
Lab Sample ID: 240-18544-6
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 09:28
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 90.3

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.024	0.092	0.027	0.010	mg/Kg	J		1	6020/DOD
Aluminum	5100	2.7	0.55	0.26	mg/Kg			1	6020/DOD
Arsenic	10	0.092	0.046	0.017	mg/Kg			1	6020/DOD
Barium	21	0.92	0.018	0.0098	mg/Kg		Q	1	6020/DOD
Beryllium	0.38	0.092	0.0092	0.0069	mg/Kg			1	6020/DOD
Calcium	1800	9.2	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.14	0.092	0.027	0.012	mg/Kg		Q	1	6020/DOD
Chromium	8.9	0.18	0.037	0.020	mg/Kg			1	6020/DOD
Cobalt	7.0	0.046	0.0092	0.0022	mg/Kg		Q	1	6020/DOD
Copper	15	0.18	0.055	0.030	mg/Kg		Q	1	6020/DOD
Iron	18000	4.6	1.8	0.99	mg/Kg			1	6020/DOD
Magnesium	2000	9.2	1.8	0.99	mg/Kg			1	6020/DOD
Manganese	220	0.46	0.027	0.015	mg/Kg		Q	1	6020/DOD
Sodium	27	9.2	4.6	2.4	mg/Kg			1	6020/DOD
Nickel	15	0.092	0.027	0.010	mg/Kg		Q	1	6020/DOD
Lead	8.9	0.092	0.027	0.014	mg/Kg			1	6020/DOD
Antimony	0.073	0.18	0.092	0.042	mg/Kg	J		1	6020/DOD
Thallium	0.089	0.092	0.018	0.0093	mg/Kg	J		1	6020/DOD
Vanadium	9.3	0.092	0.055	0.027	mg/Kg			1	6020/DOD
Zinc	59	0.46	0.18	0.059	mg/Kg		Q	1	6020/DOD
Potassium	890	9.2	5.5	2.9	mg/Kg			1	6020/DOD
Selenium	0.20	0.46	0.092	0.047	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0090M-0001-SO
Lab Sample ID: 240-18544-7
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:40
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.019	0.088	0.026	0.010	mg/Kg	J		1	6020/DOD
Aluminum	7700	2.6	0.53	0.25	mg/Kg			1	6020/DOD
Arsenic	13	0.088	0.044	0.016	mg/Kg			1	6020/DOD
Barium	34	0.88	0.018	0.0094	mg/Kg		Q	1	6020/DOD
Beryllium	0.41	0.088	0.0088	0.0066	mg/Kg			1	6020/DOD
Calcium	780	8.8	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.15	0.088	0.026	0.012	mg/Kg		Q	1	6020/DOD
Chromium	14	0.18	0.035	0.020	mg/Kg			1	6020/DOD
Cobalt	7.0	0.044	0.0088	0.0021	mg/Kg		Q	1	6020/DOD
Copper	16	0.18	0.053	0.029	mg/Kg		Q	1	6020/DOD
Iron	24000	4.4	1.8	0.94	mg/Kg			1	6020/DOD
Magnesium	1900	8.8	1.8	0.95	mg/Kg			1	6020/DOD
Manganese	290	0.44	0.026	0.014	mg/Kg		Q	1	6020/DOD
Sodium	24	8.8	4.4	2.3	mg/Kg			1	6020/DOD
Nickel	17	0.088	0.026	0.0099	mg/Kg		Q	1	6020/DOD
Lead	16	0.088	0.026	0.014	mg/Kg			1	6020/DOD
Antimony	0.11	0.18	0.088	0.040	mg/Kg	J		1	6020/DOD
Thallium	0.14	0.088	0.018	0.0089	mg/Kg			1	6020/DOD
Vanadium	14	0.088	0.053	0.026	mg/Kg			1	6020/DOD
Zinc	56	0.44	0.18	0.057	mg/Kg		Q	1	6020/DOD
Potassium	820	8.8	5.3	2.8	mg/Kg			1	6020/DOD
Selenium	0.46	0.44	0.088	0.045	mg/Kg			1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0091M-0001-SO
Lab Sample ID: 240-18544-8
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:40
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.023	0.085	0.026	0.0097	mg/Kg	J		1	6020/DOD
Aluminum	5900	2.6	0.51	0.24	mg/Kg		J	1	6020/DOD
Arsenic	14	0.085	0.043	0.015	mg/Kg			1	6020/DOD
Barium	32	0.85	0.017	0.0091	mg/Kg		Q	1	6020/DOD
Beryllium	0.43	0.085	0.0085	0.0064	mg/Kg			1	6020/DOD
Calcium	1000	8.5	2.1	1.1	mg/Kg			1	6020/DOD
Cadmium	0.18	0.085	0.026	0.011	mg/Kg		Q	1	6020/DOD
Chromium	14	0.17	0.034	0.019	mg/Kg			1	6020/DOD
Cobalt	8.4	0.043	0.0085	0.0021	mg/Kg		Q	1	6020/DOD
Copper	16	0.17	0.051	0.028	mg/Kg		Q	1	6020/DOD
Iron	24000	4.3	1.7	0.92	mg/Kg		J	1	6020/DOD
Magnesium	1800	8.5	1.7	0.92	mg/Kg			1	6020/DOD
Manganese	410	0.43	0.026	0.014	mg/Kg		Q J	1	6020/DOD
Sodium	36	8.5	4.3	2.3	mg/Kg			1	6020/DOD
Nickel	21	0.085	0.026	0.0097	mg/Kg		Q	1	6020/DOD
Lead	13	0.085	0.026	0.013	mg/Kg			1	6020/DOD
Antimony	0.11	0.17	0.085	0.039	mg/Kg	J	J	1	6020/DOD
Thallium	0.13	0.085	0.017	0.0087	mg/Kg			1	6020/DOD
Vanadium	12	0.085	0.051	0.026	mg/Kg			1	6020/DOD
Zinc	57	0.43	0.17	0.055	mg/Kg		Q	1	6020/DOD
Potassium	780	8.5	5.1	2.7	mg/Kg			1	6020/DOD
Selenium	0.32	0.43	0.085	0.044	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0092-0001-SO
Lab Sample ID: 240-18544-10
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 13:25
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.028	0.075	0.022	0.0085	mg/Kg	J		1	6020/DOD
Aluminum	8000	2.2	0.45	0.21	mg/Kg			1	6020/DOD
Arsenic	13	0.075	0.037	0.014	mg/Kg			1	6020/DOD
Barium	42	0.75	0.015	0.0080	mg/Kg		Q	1	6020/DOD
Beryllium	0.43	0.075	0.0075	0.0056	mg/Kg			1	6020/DOD
Calcium	3400	7.5	1.9	0.99	mg/Kg			1	6020/DOD
Cadmium	0.11	0.075	0.022	0.0099	mg/Kg		Q	1	6020/DOD
Chromium	16	0.15	0.030	0.017	mg/Kg			1	6020/DOD
Cobalt	10	0.037	0.0075	0.0018	mg/Kg		Q	1	6020/DOD
Copper	16	0.15	0.045	0.025	mg/Kg		Q	1	6020/DOD
Iron	22000	3.7	1.5	0.80	mg/Kg			1	6020/DOD
Magnesium	2500	7.5	1.5	0.81	mg/Kg			1	6020/DOD
Manganese	490	0.37	0.022	0.012	mg/Kg		Q	1	6020/DOD
Sodium	39	7.5	3.7	2.0	mg/Kg			1	6020/DOD
Nickel	19	0.075	0.022	0.0084	mg/Kg		Q	1	6020/DOD
Lead	17	0.075	0.022	0.011	mg/Kg			1	6020/DOD
Antimony	0.16	0.15	0.075	0.034	mg/Kg			1	6020/DOD
Thallium	0.13	0.075	0.015	0.0076	mg/Kg			1	6020/DOD
Vanadium	15	0.075	0.045	0.022	mg/Kg			1	6020/DOD
Zinc	53	0.37	0.15	0.048	mg/Kg		Q	1	6020/DOD
Potassium	720	7.5	4.5	2.4	mg/Kg			1	6020/DOD
Selenium	0.44	0.37	0.075	0.038	mg/Kg			1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0093-0001-SO
Lab Sample ID: 240-18544-11
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 13:25
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.026	0.077	0.023	0.0088	mg/Kg	J		1	6020/DOD
Aluminum	8000	2.3	0.46	0.22	mg/Kg			1	6020/DOD
Arsenic	12	0.077	0.038	0.014	mg/Kg			1	6020/DOD
Barium	39	0.77	0.015	0.0082	mg/Kg		Q	1	6020/DOD
Beryllium	0.43	0.077	0.0077	0.0058	mg/Kg			1	6020/DOD
Calcium	3300	7.7	1.9	1.0	mg/Kg			1	6020/DOD
Cadmium	0.12	0.077	0.023	0.010	mg/Kg		Q	1	6020/DOD
Chromium	16	0.15	0.031	0.017	mg/Kg			1	6020/DOD
Cobalt	9.1	0.038	0.0077	0.0018	mg/Kg		Q	1	6020/DOD
Copper	17	0.15	0.046	0.025	mg/Kg		Q	1	6020/DOD
Iron	25000	3.8	1.5	0.83	mg/Kg			1	6020/DOD
Magnesium	2600	7.7	1.5	0.83	mg/Kg			1	6020/DOD
Manganese	460	0.38	0.023	0.012	mg/Kg		Q	1	6020/DOD
Sodium	41	7.7	3.8	2.0	mg/Kg			1	6020/DOD
Nickel	19	0.077	0.023	0.0087	mg/Kg		Q	1	6020/DOD
Lead	20	0.077	0.023	0.012	mg/Kg			1	6020/DOD
Antimony	0.12	0.15	0.077	0.035	mg/Kg	J		1	6020/DOD
Thallium	0.13	0.077	0.015	0.0078	mg/Kg			1	6020/DOD
Vanadium	17	0.077	0.046	0.023	mg/Kg			1	6020/DOD
Zinc	57	0.38	0.15	0.050	mg/Kg		Q	1	6020/DOD
Potassium	810	7.7	4.6	2.4	mg/Kg			1	6020/DOD
Selenium	0.37	0.38	0.077	0.039	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0094-0001-SO
Lab Sample ID: 240-18544-12
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 13:35
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.025	0.089	0.027	0.010	mg/Kg	J		1	6020/DOD
Aluminum	9500	2.7	0.54	0.25	mg/Kg			1	6020/DOD
Arsenic	17	0.089	0.045	0.016	mg/Kg			1	6020/DOD
Barium	47	0.89	0.018	0.0096	mg/Kg		Q	1	6020/DOD
Beryllium	0.51	0.089	0.0089	0.0067	mg/Kg			1	6020/DOD
Calcium	970	8.9	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.13	0.089	0.027	0.012	mg/Kg		Q	1	6020/DOD
Chromium	17	0.18	0.036	0.020	mg/Kg			1	6020/DOD
Cobalt	9.7	0.045	0.0089	0.0021	mg/Kg		Q	1	6020/DOD
Copper	17	0.18	0.054	0.029	mg/Kg		Q	1	6020/DOD
Iron	29000	4.5	1.8	0.96	mg/Kg			1	6020/DOD
Magnesium	2100	8.9	1.8	0.96	mg/Kg			1	6020/DOD
Manganese	380	0.45	0.027	0.014	mg/Kg		Q	1	6020/DOD
Sodium	39	8.9	4.5	2.4	mg/Kg			1	6020/DOD
Nickel	21	0.089	0.027	0.010	mg/Kg		Q	1	6020/DOD
Lead	24	0.089	0.027	0.014	mg/Kg			1	6020/DOD
Antimony	0.23	0.18	0.089	0.041	mg/Kg			1	6020/DOD
Thallium	0.14	0.089	0.018	0.0091	mg/Kg			1	6020/DOD
Vanadium	18	0.089	0.054	0.027	mg/Kg			1	6020/DOD
Zinc	63	0.45	0.18	0.058	mg/Kg		Q	1	6020/DOD
Potassium	790	8.9	5.4	2.8	mg/Kg			1	6020/DOD
Selenium	0.47	0.45	0.089	0.045	mg/Kg			1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0095-0001-SO
Lab Sample ID: 240-18544-13
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 13:35
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.024	0.069	0.021	0.0079	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.1	0.42	0.20	mg/Kg			1	6020/DOD
Arsenic	13	0.069	0.035	0.013	mg/Kg			1	6020/DOD
Barium	49	0.69	0.014	0.0074	mg/Kg		Q	1	6020/DOD
Beryllium	0.50	0.069	0.0069	0.0052	mg/Kg			1	6020/DOD
Calcium	1000	6.9	1.7	0.92	mg/Kg			1	6020/DOD
Cadmium	0.13	0.069	0.021	0.0092	mg/Kg		Q	1	6020/DOD
Chromium	18	0.14	0.028	0.015	mg/Kg			1	6020/DOD
Cobalt	8.6	0.035	0.0069	0.0017	mg/Kg		Q	1	6020/DOD
Copper	17	0.14	0.042	0.023	mg/Kg		Q	1	6020/DOD
Iron	25000	3.5	1.4	0.75	mg/Kg			1	6020/DOD
Magnesium	2300	6.9	1.4	0.75	mg/Kg			1	6020/DOD
Manganese	310	0.35	0.021	0.011	mg/Kg		Q	1	6020/DOD
Sodium	40	6.9	3.5	1.8	mg/Kg			1	6020/DOD
Nickel	20	0.069	0.021	0.0078	mg/Kg		Q	1	6020/DOD
Lead	20	0.069	0.021	0.011	mg/Kg			1	6020/DOD
Antimony	0.11	0.14	0.069	0.032	mg/Kg	J		1	6020/DOD
Thallium	0.15	0.069	0.014	0.0071	mg/Kg			1	6020/DOD
Vanadium	19	0.069	0.042	0.021	mg/Kg			1	6020/DOD
Zinc	59	0.35	0.14	0.045	mg/Kg		Q	1	6020/DOD
Potassium	820	6.9	4.2	2.2	mg/Kg			1	6020/DOD
Selenium	0.39	0.35	0.069	0.035	mg/Kg			1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0096-0001-SO
Lab Sample ID: 240-18544-14
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:08
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.019	0.070	0.021	0.0080	mg/Kg	J		1	6020/DOD
Aluminum	6600	2.1	0.42	0.20	mg/Kg			1	6020/DOD
Arsenic	13	0.070	0.035	0.013	mg/Kg			1	6020/DOD
Barium	29	0.70	0.014	0.0075	mg/Kg		Q	1	6020/DOD
Beryllium	0.42	0.070	0.0070	0.0053	mg/Kg			1	6020/DOD
Calcium	700	7.0	1.8	0.93	mg/Kg			1	6020/DOD
Cadmium	0.19	0.070	0.021	0.0093	mg/Kg		Q	1	6020/DOD
Chromium	14	0.14	0.028	0.016	mg/Kg			1	6020/DOD
Cobalt	8.3	0.035	0.0070	0.0017	mg/Kg		Q	1	6020/DOD
Copper	17	0.14	0.042	0.023	mg/Kg		Q	1	6020/DOD
Iron	26000	3.5	1.4	0.76	mg/Kg			1	6020/DOD
Magnesium	1900	7.0	1.4	0.76	mg/Kg			1	6020/DOD
Manganese	510	0.35	0.021	0.011	mg/Kg		Q	1	6020/DOD
Sodium	20	7.0	3.5	1.9	mg/Kg			1	6020/DOD
Nickel	21	0.070	0.021	0.0080	mg/Kg		Q	1	6020/DOD
Lead	14	0.070	0.021	0.011	mg/Kg			1	6020/DOD
Antimony	0.11	0.14	0.070	0.032	mg/Kg	J		1	6020/DOD
Thallium	0.13	0.070	0.014	0.0072	mg/Kg			1	6020/DOD
Vanadium	13	0.070	0.042	0.021	mg/Kg			1	6020/DOD
Zinc	62	0.35	0.14	0.046	mg/Kg		Q	1	6020/DOD
Potassium	810	7.0	4.2	2.2	mg/Kg			1	6020/DOD
Selenium	0.32	0.35	0.070	0.036	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0097-0001-SO
Lab Sample ID: 240-18544-15
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:08
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.019	0.081	0.024	0.0092	mg/Kg	J		1	6020/DOD
Aluminum	6600	2.4	0.48	0.23	mg/Kg			1	6020/DOD
Arsenic	16	0.081	0.040	0.015	mg/Kg			1	6020/DOD
Barium	30	0.81	0.016	0.0086	mg/Kg		Q	1	6020/DOD
Beryllium	0.47	0.081	0.0081	0.0060	mg/Kg			1	6020/DOD
Calcium	640	8.1	2.0	1.1	mg/Kg			1	6020/DOD
Cadmium	0.20	0.081	0.024	0.011	mg/Kg		Q	1	6020/DOD
Chromium	15	0.16	0.032	0.018	mg/Kg			1	6020/DOD
Cobalt	8.6	0.040	0.0081	0.0019	mg/Kg		Q	1	6020/DOD
Copper	18	0.16	0.048	0.027	mg/Kg		Q	1	6020/DOD
Iron	26000	4.0	1.6	0.87	mg/Kg			1	6020/DOD
Magnesium	1800	8.1	1.6	0.87	mg/Kg			1	6020/DOD
Manganese	480	0.40	0.024	0.013	mg/Kg		Q	1	6020/DOD
Sodium	22	8.1	4.0	2.1	mg/Kg			1	6020/DOD
Nickel	22	0.081	0.024	0.0091	mg/Kg		Q	1	6020/DOD
Lead	14	0.081	0.024	0.012	mg/Kg			1	6020/DOD
Antimony	0.12	0.16	0.081	0.037	mg/Kg	J		1	6020/DOD
Thallium	0.13	0.081	0.016	0.0082	mg/Kg			1	6020/DOD
Vanadium	13	0.081	0.048	0.024	mg/Kg			1	6020/DOD
Zinc	70	0.40	0.16	0.052	mg/Kg		Q	1	6020/DOD
Potassium	870	8.1	4.8	2.5	mg/Kg			1	6020/DOD
Selenium	0.29	0.40	0.081	0.041	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0098-0001-SO
Lab Sample ID: 240-18544-16
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 14:33
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.030	0.095	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	7700	2.9	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	14	0.095	0.048	0.017	mg/Kg			1	6020/DOD
Barium	36	0.95	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.46	0.095	0.0095	0.0071	mg/Kg			1	6020/DOD
Calcium	2100	9.5	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.19	0.095	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	16	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	8.6	0.048	0.0095	0.0023	mg/Kg		Q	1	6020/DOD
Copper	15	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	23000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2500	9.5	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	340	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	42	9.5	4.8	2.5	mg/Kg			1	6020/DOD
Nickel	21	0.095	0.029	0.011	mg/Kg		Q	1	6020/DOD
Lead	11	0.095	0.029	0.015	mg/Kg			1	6020/DOD
Antimony	0.10	0.19	0.095	0.044	mg/Kg	J		1	6020/DOD
Thallium	0.12	0.095	0.019	0.0097	mg/Kg			1	6020/DOD
Vanadium	14	0.095	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	63	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	1400	9.5	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.25	0.48	0.095	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0099-0001-SO
Lab Sample ID: 240-18544-17
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 15:40
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.025	0.091	0.027	0.010	mg/Kg	J		1	6020/DOD
Aluminum	6700	2.7	0.55	0.26	mg/Kg			1	6020/DOD
Arsenic	15	0.091	0.045	0.016	mg/Kg			1	6020/DOD
Barium	31	0.91	0.018	0.0097	mg/Kg		Q	1	6020/DOD
Beryllium	0.48	0.091	0.0091	0.0068	mg/Kg			1	6020/DOD
Calcium	1000	9.1	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.20	0.091	0.027	0.012	mg/Kg		Q	1	6020/DOD
Chromium	14	0.18	0.036	0.020	mg/Kg			1	6020/DOD
Cobalt	7.8	0.045	0.0091	0.0022	mg/Kg		Q	1	6020/DOD
Copper	16	0.18	0.055	0.030	mg/Kg		Q	1	6020/DOD
Iron	31000	4.5	1.8	0.98	mg/Kg			1	6020/DOD
Magnesium	1800	9.1	1.8	0.98	mg/Kg			1	6020/DOD
Manganese	480	0.45	0.027	0.014	mg/Kg		Q	1	6020/DOD
Sodium	31	9.1	4.5	2.4	mg/Kg			1	6020/DOD
Nickel	21	0.091	0.027	0.010	mg/Kg		Q	1	6020/DOD
Lead	14	0.091	0.027	0.014	mg/Kg			1	6020/DOD
Antimony	0.12	0.18	0.091	0.042	mg/Kg	J		1	6020/DOD
Thallium	0.13	0.091	0.018	0.0093	mg/Kg			1	6020/DOD
Vanadium	14	0.091	0.055	0.027	mg/Kg			1	6020/DOD
Zinc	64	0.45	0.18	0.059	mg/Kg		Q	1	6020/DOD
Potassium	870	9.1	5.5	2.9	mg/Kg			1	6020/DOD
Selenium	0.34	0.45	0.091	0.046	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0078-0001-SO
Lab Sample ID: 240-18544-18
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 09:30
Reporting Basis: DRY
Date Received: 12/07/2012 17:55
% Solids: 91.7

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.060	0.099	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	3500	3.0	0.59	0.28	mg/Kg			1	6020/DOD
Arsenic	15	0.099	0.050	0.018	mg/Kg			1	6020/DOD
Barium	44	0.99	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.28	0.099	0.0099	0.0074	mg/Kg			1	6020/DOD
Calcium	14000	9.9	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.20	0.099	0.030	0.013	mg/Kg		Q	1	6020/DOD
Chromium	5.9	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	5.0	0.050	0.0099	0.0024	mg/Kg		Q	1	6020/DOD
Copper	17	0.20	0.059	0.033	mg/Kg		Q	1	6020/DOD
Iron	31000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	3100	9.9	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	290	0.50	0.030	0.016	mg/Kg		Q	1	6020/DOD
Sodium	35	9.9	5.0	2.6	mg/Kg			1	6020/DOD
Nickel	13	0.099	0.030	0.011	mg/Kg		Q	1	6020/DOD
Lead	10	0.099	0.030	0.015	mg/Kg			1	6020/DOD
Antimony	0.18	0.20	0.099	0.045	mg/Kg	J		1	6020/DOD
Thallium	0.14	0.099	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	7.4	0.099	0.059	0.030	mg/Kg			1	6020/DOD
Zinc	49	0.50	0.20	0.064	mg/Kg		Q	1	6020/DOD
Potassium	620	9.9	5.9	3.1	mg/Kg			1	6020/DOD
Selenium	0.28	0.50	0.099	0.050	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0100M-0001-SO
Lab Sample ID: 240-18544-19
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 15:27
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.025	0.088	0.026	0.010	mg/Kg	J		1	6020/DOD
Aluminum	9700	2.6	0.53	0.25	mg/Kg		J	1	6020/DOD
Arsenic	15	0.088	0.044	0.016	mg/Kg			1	6020/DOD
Barium	44	0.88	0.018	0.0094	mg/Kg		Q	1	6020/DOD
Beryllium	0.49	0.088	0.0088	0.0066	mg/Kg			1	6020/DOD
Calcium	1200	8.8	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.15	0.088	0.026	0.012	mg/Kg			1	6020/DOD
Chromium	20	0.18	0.035	0.020	mg/Kg			1	6020/DOD
Cobalt	8.1	0.044	0.0088	0.0021	mg/Kg		Q	1	6020/DOD
Copper	14	0.18	0.053	0.029	mg/Kg		Q	1	6020/DOD
Iron	24000	4.4	1.8	0.94	mg/Kg			1	6020/DOD
Magnesium	2300	8.8	1.8	0.95	mg/Kg			1	6020/DOD
Manganese	340	0.44	0.026	0.014	mg/Kg		J	1	6020/DOD
Sodium	31	8.8	4.4	2.3	mg/Kg			1	6020/DOD
Nickel	20	0.088	0.026	0.0099	mg/Kg			1	6020/DOD
Lead	12	0.088	0.026	0.014	mg/Kg			1	6020/DOD
Antimony	0.12	0.18	0.088	0.040	mg/Kg	J	J	1	6020/DOD
Thallium	0.19	0.088	0.018	0.0089	mg/Kg			1	6020/DOD
Vanadium	17	0.088	0.053	0.026	mg/Kg			1	6020/DOD
Zinc	50	0.44	0.18	0.057	mg/Kg		Q	1	6020/DOD
Potassium	900	8.8	5.3	2.8	mg/Kg			1	6020/DOD
Selenium	0.76	0.44	0.088	0.045	mg/Kg		Q	1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0101M-0001-SO
Lab Sample ID: 240-18544-20
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 15:27
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.025	0.095	0.029	0.011	mg/Kg	J		1	6020/DOD
Aluminum	7500	2.9	0.57	0.27	mg/Kg			1	6020/DOD
Arsenic	13	0.095	0.048	0.017	mg/Kg			1	6020/DOD
Barium	38	0.95	0.019	0.010	mg/Kg		Q	1	6020/DOD
Beryllium	0.50	0.095	0.0095	0.0071	mg/Kg			1	6020/DOD
Calcium	1400	9.5	2.4	1.3	mg/Kg			1	6020/DOD
Cadmium	0.21	0.095	0.029	0.013	mg/Kg		Q	1	6020/DOD
Chromium	14	0.19	0.038	0.021	mg/Kg			1	6020/DOD
Cobalt	10	0.048	0.0095	0.0023	mg/Kg		Q	1	6020/DOD
Copper	16	0.19	0.057	0.031	mg/Kg		Q	1	6020/DOD
Iron	23000	4.8	1.9	1.0	mg/Kg			1	6020/DOD
Magnesium	2600	9.5	1.9	1.0	mg/Kg			1	6020/DOD
Manganese	360	0.48	0.029	0.015	mg/Kg		Q	1	6020/DOD
Sodium	37	9.5	4.8	2.5	mg/Kg			1	6020/DOD
Nickel	24	0.095	0.029	0.011	mg/Kg		Q	1	6020/DOD
Lead	11	0.095	0.029	0.015	mg/Kg			1	6020/DOD
Antimony	0.083	0.19	0.095	0.044	mg/Kg	J		1	6020/DOD
Thallium	0.13	0.095	0.019	0.0097	mg/Kg			1	6020/DOD
Vanadium	13	0.095	0.057	0.028	mg/Kg			1	6020/DOD
Zinc	70	0.48	0.19	0.062	mg/Kg		Q	1	6020/DOD
Potassium	980	9.5	5.7	3.0	mg/Kg			1	6020/DOD
Selenium	0.30	0.48	0.095	0.048	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0102M-0001-SO
Lab Sample ID: 240-18544-21
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 15:45
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.020	0.076	0.023	0.0086	mg/Kg	J		1	6020/DOD
Aluminum	7900	2.3	0.45	0.22	mg/Kg			1	6020/DOD
Arsenic	15	0.076	0.038	0.014	mg/Kg			1	6020/DOD
Barium	34	0.76	0.015	0.0081	mg/Kg		Q	1	6020/DOD
Beryllium	0.53	0.076	0.0076	0.0057	mg/Kg			1	6020/DOD
Calcium	680	7.6	1.9	1.0	mg/Kg			1	6020/DOD
Cadmium	0.19	0.076	0.023	0.010	mg/Kg		Q	1	6020/DOD
Chromium	22	0.15	0.030	0.017	mg/Kg			1	6020/DOD
Cobalt	9.2	0.038	0.0076	0.0018	mg/Kg		Q	1	6020/DOD
Copper	16	0.15	0.045	0.025	mg/Kg		Q	1	6020/DOD
Iron	27000	3.8	1.5	0.82	mg/Kg			1	6020/DOD
Magnesium	2000	7.6	1.5	0.82	mg/Kg			1	6020/DOD
Manganese	430	0.38	0.023	0.012	mg/Kg		Q	1	6020/DOD
Sodium	28	7.6	3.8	2.0	mg/Kg			1	6020/DOD
Nickel	23	0.076	0.023	0.0086	mg/Kg		Q	1	6020/DOD
Lead	15	0.076	0.023	0.012	mg/Kg			1	6020/DOD
Antimony	0.12	0.15	0.076	0.035	mg/Kg	J		1	6020/DOD
Thallium	0.13	0.076	0.015	0.0077	mg/Kg			1	6020/DOD
Vanadium	15	0.076	0.045	0.023	mg/Kg			1	6020/DOD
Zinc	75	0.38	0.15	0.049	mg/Kg		Q	1	6020/DOD
Potassium	840	7.6	4.5	2.4	mg/Kg			1	6020/DOD
Selenium	0.29	0.38	0.076	0.039	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0103M-0001-SO
Lab Sample ID: 240-18544-22
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 15:45
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.021	0.068	0.020	0.0077	mg/Kg	J		1	6020/DOD
Aluminum	7800	2.0	0.41	0.19	mg/Kg			1	6020/DOD
Arsenic	14	0.068	0.034	0.012	mg/Kg			1	6020/DOD
Barium	32	0.68	0.014	0.0072	mg/Kg		Q	1	6020/DOD
Beryllium	0.46	0.068	0.0068	0.0051	mg/Kg			1	6020/DOD
Calcium	640	6.8	1.7	0.90	mg/Kg			1	6020/DOD
Cadmium	0.16	0.068	0.020	0.0089	mg/Kg		Q	1	6020/DOD
Chromium	16	0.14	0.027	0.015	mg/Kg			1	6020/DOD
Cobalt	9.0	0.034	0.0068	0.0016	mg/Kg		Q	1	6020/DOD
Copper	15	0.14	0.041	0.022	mg/Kg		Q	1	6020/DOD
Iron	22000	3.4	1.4	0.73	mg/Kg			1	6020/DOD
Magnesium	2000	6.8	1.4	0.73	mg/Kg			1	6020/DOD
Manganese	350	0.34	0.020	0.011	mg/Kg		Q	1	6020/DOD
Sodium	26	6.8	3.4	1.8	mg/Kg			1	6020/DOD
Nickel	19	0.068	0.020	0.0076	mg/Kg		Q	1	6020/DOD
Lead	13	0.068	0.020	0.010	mg/Kg			1	6020/DOD
Antimony	0.10	0.14	0.068	0.031	mg/Kg	J		1	6020/DOD
Thallium	0.12	0.068	0.014	0.0069	mg/Kg			1	6020/DOD
Vanadium	13	0.068	0.041	0.020	mg/Kg			1	6020/DOD
Zinc	59	0.34	0.14	0.044	mg/Kg		Q	1	6020/DOD
Potassium	850	6.8	4.1	2.1	mg/Kg			1	6020/DOD
Selenium	0.24	0.34	0.068	0.034	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0104M-0001-SO
Lab Sample ID: 240-18544-23
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 16:35
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.027	0.085	0.025	0.0097	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.5	0.51	0.24	mg/Kg			1	6020/DOD
Arsenic	14	0.085	0.042	0.015	mg/Kg			1	6020/DOD
Barium	52	0.85	0.017	0.0091	mg/Kg		Q	1	6020/DOD
Beryllium	0.63	0.085	0.0085	0.0064	mg/Kg			1	6020/DOD
Calcium	1100	8.5	2.1	1.1	mg/Kg			1	6020/DOD
Cadmium	0.17	0.085	0.025	0.011	mg/Kg		Q	1	6020/DOD
Chromium	16	0.17	0.034	0.019	mg/Kg			1	6020/DOD
Cobalt	9.5	0.042	0.0085	0.0020	mg/Kg		Q	1	6020/DOD
Copper	15	0.17	0.051	0.028	mg/Kg		Q	1	6020/DOD
Iron	27000	4.2	1.7	0.91	mg/Kg			1	6020/DOD
Magnesium	3300	8.5	1.7	0.91	mg/Kg			1	6020/DOD
Manganese	280	0.42	0.025	0.013	mg/Kg		Q	1	6020/DOD
Sodium	44	8.5	4.2	2.3	mg/Kg			1	6020/DOD
Nickel	24	0.085	0.025	0.0096	mg/Kg		Q	1	6020/DOD
Lead	11	0.085	0.025	0.013	mg/Kg			1	6020/DOD
Antimony	0.085	0.17	0.085	0.039	mg/Kg	J		1	6020/DOD
Thallium	0.14	0.085	0.017	0.0086	mg/Kg			1	6020/DOD
Vanadium	17	0.085	0.051	0.025	mg/Kg			1	6020/DOD
Zinc	54	0.42	0.17	0.055	mg/Kg		Q	1	6020/DOD
Potassium	1000	8.5	5.1	2.7	mg/Kg			1	6020/DOD
Selenium	0.34	0.42	0.085	0.043	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0105M-0001-SO
Lab Sample ID: 240-18544-24
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 16:35
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.025	0.077	0.023	0.0088	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.3	0.46	0.22	mg/Kg			1	6020/DOD
Arsenic	14	0.077	0.038	0.014	mg/Kg			1	6020/DOD
Barium	50	0.77	0.015	0.0082	mg/Kg		Q	1	6020/DOD
Beryllium	0.65	0.077	0.0077	0.0058	mg/Kg			1	6020/DOD
Calcium	1000	7.7	1.9	1.0	mg/Kg			1	6020/DOD
Cadmium	0.17	0.077	0.023	0.010	mg/Kg		Q	1	6020/DOD
Chromium	17	0.15	0.031	0.017	mg/Kg			1	6020/DOD
Cobalt	10	0.038	0.0077	0.0018	mg/Kg		Q	1	6020/DOD
Copper	15	0.15	0.046	0.025	mg/Kg		Q	1	6020/DOD
Iron	27000	3.8	1.5	0.83	mg/Kg			1	6020/DOD
Magnesium	3300	7.7	1.5	0.83	mg/Kg			1	6020/DOD
Manganese	320	0.38	0.023	0.012	mg/Kg		Q	1	6020/DOD
Sodium	47	7.7	3.8	2.0	mg/Kg			1	6020/DOD
Nickel	24	0.077	0.023	0.0087	mg/Kg		Q	1	6020/DOD
Lead	11	0.077	0.023	0.012	mg/Kg			1	6020/DOD
Antimony	0.086	0.15	0.077	0.035	mg/Kg	J		1	6020/DOD
Thallium	0.14	0.077	0.015	0.0078	mg/Kg			1	6020/DOD
Vanadium	18	0.077	0.046	0.023	mg/Kg			1	6020/DOD
Zinc	55	0.38	0.15	0.050	mg/Kg		Q	1	6020/DOD
Potassium	1100	7.7	4.6	2.4	mg/Kg			1	6020/DOD
Selenium	0.32	0.38	0.077	0.039	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0106M-0001-SO
Lab Sample ID: 240-18544-25
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 16:25
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.022	0.079	0.024	0.0090	mg/Kg	J		1	6020/DOD
Aluminum	6100	2.4	0.48	0.23	mg/Kg			1	6020/DOD
Arsenic	13	0.079	0.040	0.014	mg/Kg			1	6020/DOD
Barium	29	0.79	0.016	0.0085	mg/Kg		Q	1	6020/DOD
Beryllium	0.42	0.079	0.0079	0.0060	mg/Kg			1	6020/DOD
Calcium	1200	7.9	2.0	1.1	mg/Kg			1	6020/DOD
Cadmium	0.16	0.079	0.024	0.010	mg/Kg		Q	1	6020/DOD
Chromium	16	0.16	0.032	0.018	mg/Kg			1	6020/DOD
Cobalt	7.9	0.040	0.0079	0.0019	mg/Kg		Q	1	6020/DOD
Copper	16	0.16	0.048	0.026	mg/Kg		Q	1	6020/DOD
Iron	22000	4.0	1.6	0.85	mg/Kg			1	6020/DOD
Magnesium	1700	7.9	1.6	0.86	mg/Kg			1	6020/DOD
Manganese	370	0.40	0.024	0.013	mg/Kg		Q	1	6020/DOD
Sodium	23	7.9	4.0	2.1	mg/Kg			1	6020/DOD
Nickel	21	0.079	0.024	0.0090	mg/Kg		Q	1	6020/DOD
Lead	15	0.079	0.024	0.012	mg/Kg			1	6020/DOD
Antimony	0.13	0.16	0.079	0.036	mg/Kg	J		1	6020/DOD
Thallium	0.11	0.079	0.016	0.0081	mg/Kg			1	6020/DOD
Vanadium	11	0.079	0.048	0.024	mg/Kg			1	6020/DOD
Zinc	56	0.40	0.16	0.051	mg/Kg		Q	1	6020/DOD
Potassium	740	7.9	4.8	2.5	mg/Kg			1	6020/DOD
Selenium	0.19	0.40	0.079	0.040	mg/Kg	J		1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0107M-0001-SO
Lab Sample ID: 240-18544-26
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 16:25
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.020	0.074	0.022	0.0084	mg/Kg	J		1	6020/DOD
Aluminum	7500	2.2	0.44	0.21	mg/Kg			1	6020/DOD
Arsenic	15	0.074	0.037	0.013	mg/Kg			1	6020/DOD
Barium	30	0.74	0.015	0.0079	mg/Kg		Q	1	6020/DOD
Beryllium	0.45	0.074	0.0074	0.0056	mg/Kg			1	6020/DOD
Calcium	1100	7.4	1.9	0.98	mg/Kg			1	6020/DOD
Cadmium	0.15	0.074	0.022	0.0098	mg/Kg			1	6020/DOD
Chromium	16	0.15	0.030	0.017	mg/Kg			1	6020/DOD
Cobalt	7.9	0.037	0.0074	0.0018	mg/Kg		Q	1	6020/DOD
Copper	17	0.15	0.044	0.024	mg/Kg		Q	1	6020/DOD
Iron	22000	3.7	1.5	0.80	mg/Kg			1	6020/DOD
Magnesium	1900	7.4	1.5	0.80	mg/Kg			1	6020/DOD
Manganese	320	0.37	0.022	0.012	mg/Kg			1	6020/DOD
Sodium	28	7.4	3.7	2.0	mg/Kg			1	6020/DOD
Nickel	21	0.074	0.022	0.0084	mg/Kg			1	6020/DOD
Lead	12	0.074	0.022	0.011	mg/Kg			1	6020/DOD
Antimony	0.14	0.15	0.074	0.034	mg/Kg	J		1	6020/DOD
Thallium	0.14	0.074	0.015	0.0076	mg/Kg			1	6020/DOD
Vanadium	13	0.074	0.044	0.022	mg/Kg			1	6020/DOD
Zinc	60	0.37	0.15	0.048	mg/Kg		Q	1	6020/DOD
Potassium	950	7.4	4.4	2.3	mg/Kg			1	6020/DOD
Selenium	0.48	0.37	0.074	0.038	mg/Kg		Q	1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0108M-0001-SO
Lab Sample ID: 240-18544-27
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 15:50
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.029	0.091	0.027	0.010	mg/Kg	J		1	6020/DOD
Aluminum	7100	2.7	0.55	0.26	mg/Kg			1	6020/DOD
Arsenic	19	0.091	0.045	0.016	mg/Kg			1	6020/DOD
Barium	35	0.91	0.018	0.0097	mg/Kg		Q	1	6020/DOD
Beryllium	0.46	0.091	0.0091	0.0068	mg/Kg			1	6020/DOD
Calcium	1100	9.1	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.21	0.091	0.027	0.012	mg/Kg			1	6020/DOD
Chromium	16	0.18	0.036	0.020	mg/Kg			1	6020/DOD
Cobalt	9.6	0.045	0.0091	0.0022	mg/Kg		Q	1	6020/DOD
Copper	18	0.18	0.055	0.030	mg/Kg		Q	1	6020/DOD
Iron	25000	4.5	1.8	0.98	mg/Kg			1	6020/DOD
Magnesium	2200	9.1	1.8	0.98	mg/Kg			1	6020/DOD
Manganese	350	0.45	0.027	0.014	mg/Kg			1	6020/DOD
Sodium	31	9.1	4.5	2.4	mg/Kg			1	6020/DOD
Nickel	23	0.091	0.027	0.010	mg/Kg			1	6020/DOD
Lead	18	0.091	0.027	0.014	mg/Kg			1	6020/DOD
Antimony	0.18	0.18	0.091	0.042	mg/Kg			1	6020/DOD
Thallium	0.15	0.091	0.018	0.0093	mg/Kg			1	6020/DOD
Vanadium	13	0.091	0.055	0.027	mg/Kg			1	6020/DOD
Zinc	63	0.45	0.18	0.059	mg/Kg		Q	1	6020/DOD
Potassium	950	9.1	5.5	2.9	mg/Kg			1	6020/DOD
Selenium	0.59	0.45	0.091	0.046	mg/Kg		Q	1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0109M-0001-SO
Lab Sample ID: 240-18544-28
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 16:05
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.025	0.088	0.027	0.010	mg/Kg	J		1	6020/DOD
Aluminum	11000	2.7	0.53	0.25	mg/Kg			1	6020/DOD
Arsenic	13	0.088	0.044	0.016	mg/Kg			1	6020/DOD
Barium	44	0.88	0.018	0.0095	mg/Kg		Q	1	6020/DOD
Beryllium	0.54	0.088	0.0088	0.0066	mg/Kg			1	6020/DOD
Calcium	1000	8.8	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.14	0.088	0.027	0.012	mg/Kg			1	6020/DOD
Chromium	16	0.18	0.035	0.020	mg/Kg			1	6020/DOD
Cobalt	9.2	0.044	0.0088	0.0021	mg/Kg		Q	1	6020/DOD
Copper	14	0.18	0.053	0.029	mg/Kg		Q	1	6020/DOD
Iron	22000	4.4	1.8	0.95	mg/Kg			1	6020/DOD
Magnesium	2700	8.8	1.8	0.95	mg/Kg			1	6020/DOD
Manganese	380	0.44	0.027	0.014	mg/Kg			1	6020/DOD
Sodium	41	8.8	4.4	2.4	mg/Kg			1	6020/DOD
Nickel	21	0.088	0.027	0.010	mg/Kg			1	6020/DOD
Lead	11	0.088	0.027	0.014	mg/Kg			1	6020/DOD
Antimony	0.079	0.18	0.088	0.041	mg/Kg	J		1	6020/DOD
Thallium	0.14	0.088	0.018	0.0090	mg/Kg			1	6020/DOD
Vanadium	16	0.088	0.053	0.026	mg/Kg			1	6020/DOD
Zinc	55	0.44	0.18	0.057	mg/Kg		Q	1	6020/DOD
Potassium	1100	8.8	5.3	2.8	mg/Kg			1	6020/DOD
Selenium	0.56	0.44	0.088	0.045	mg/Kg		Q	1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0110M-0001-SO
Lab Sample ID: 240-18544-29
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 17:04
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.021	0.086	0.026	0.0098	mg/Kg	J		1	6020/DOD
Aluminum	8100	2.6	0.52	0.25	mg/Kg			1	6020/DOD
Arsenic	15	0.086	0.043	0.016	mg/Kg			1	6020/DOD
Barium	38	0.86	0.017	0.0092	mg/Kg		Q	1	6020/DOD
Beryllium	0.43	0.086	0.0086	0.0065	mg/Kg			1	6020/DOD
Calcium	2900	8.6	2.2	1.1	mg/Kg			1	6020/DOD
Cadmium	0.16	0.086	0.026	0.011	mg/Kg			1	6020/DOD
Chromium	17	0.17	0.034	0.019	mg/Kg			1	6020/DOD
Cobalt	8.8	0.043	0.0086	0.0021	mg/Kg		Q	1	6020/DOD
Copper	17	0.17	0.052	0.028	mg/Kg		Q	1	6020/DOD
Iron	22000	4.3	1.7	0.93	mg/Kg			1	6020/DOD
Magnesium	2500	8.6	1.7	0.93	mg/Kg			1	6020/DOD
Manganese	400	0.43	0.026	0.014	mg/Kg			1	6020/DOD
Sodium	35	8.6	4.3	2.3	mg/Kg			1	6020/DOD
Nickel	21	0.086	0.026	0.0097	mg/Kg			1	6020/DOD
Lead	11	0.086	0.026	0.013	mg/Kg			1	6020/DOD
Antimony	0.082	0.17	0.086	0.040	mg/Kg	J		1	6020/DOD
Thallium	0.11	0.086	0.017	0.0088	mg/Kg			1	6020/DOD
Vanadium	14	0.086	0.052	0.026	mg/Kg			1	6020/DOD
Zinc	52	0.43	0.17	0.056	mg/Kg		Q	1	6020/DOD
Potassium	870	8.6	5.2	2.7	mg/Kg			1	6020/DOD
Selenium	0.42	0.43	0.086	0.044	mg/Kg	J	Q	1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0111M-0001-SO
Lab Sample ID: 240-18544-30
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 17:04
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.022	0.088	0.026	0.010	mg/Kg	J		1	6020/DOD
Aluminum	6700	2.6	0.53	0.25	mg/Kg			1	6020/DOD
Arsenic	14	0.088	0.044	0.016	mg/Kg			1	6020/DOD
Barium	32	0.88	0.018	0.0094	mg/Kg		Q	1	6020/DOD
Beryllium	0.38	0.088	0.0088	0.0066	mg/Kg			1	6020/DOD
Calcium	3300	8.8	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.15	0.088	0.026	0.012	mg/Kg			1	6020/DOD
Chromium	14	0.18	0.035	0.020	mg/Kg			1	6020/DOD
Cobalt	7.4	0.044	0.0088	0.0021	mg/Kg		Q	1	6020/DOD
Copper	14	0.18	0.053	0.029	mg/Kg		Q	1	6020/DOD
Iron	21000	4.4	1.8	0.94	mg/Kg			1	6020/DOD
Magnesium	2100	8.8	1.8	0.95	mg/Kg			1	6020/DOD
Manganese	350	0.44	0.026	0.014	mg/Kg			1	6020/DOD
Sodium	37	8.8	4.4	2.3	mg/Kg			1	6020/DOD
Nickel	18	0.088	0.026	0.0099	mg/Kg			1	6020/DOD
Lead	9.8	0.088	0.026	0.014	mg/Kg			1	6020/DOD
Antimony	0.082	0.18	0.088	0.040	mg/Kg	J		1	6020/DOD
Thallium	0.093	0.088	0.018	0.0089	mg/Kg			1	6020/DOD
Vanadium	12	0.088	0.053	0.026	mg/Kg			1	6020/DOD
Zinc	40	0.44	0.18	0.057	mg/Kg		Q	1	6020/DOD
Potassium	700	8.8	5.3	2.8	mg/Kg			1	6020/DOD
Selenium	0.71	0.44	0.088	0.045	mg/Kg		Q	1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0112M-0001-SO
Lab Sample ID: 240-18544-31
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 17:25
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.031	0.10	0.030	0.011	mg/Kg	J		1	6020/DOD
Aluminum	7600	3.0	0.60	0.28	mg/Kg			1	6020/DOD
Arsenic	13	0.10	0.050	0.018	mg/Kg			1	6020/DOD
Barium	63	1.0	0.020	0.011	mg/Kg		Q	1	6020/DOD
Beryllium	0.48	0.10	0.010	0.0075	mg/Kg			1	6020/DOD
Calcium	5400	10	2.5	1.3	mg/Kg			1	6020/DOD
Cadmium	0.31	0.10	0.030	0.013	mg/Kg			1	6020/DOD
Chromium	17	0.20	0.040	0.022	mg/Kg			1	6020/DOD
Cobalt	8.2	0.050	0.010	0.0024	mg/Kg		Q	1	6020/DOD
Copper	18	0.20	0.060	0.033	mg/Kg		Q	1	6020/DOD
Iron	20000	5.0	2.0	1.1	mg/Kg			1	6020/DOD
Magnesium	2400	10	2.0	1.1	mg/Kg			1	6020/DOD
Manganese	520	0.50	0.030	0.016	mg/Kg			1	6020/DOD
Sodium	43	10	5.0	2.7	mg/Kg			1	6020/DOD
Nickel	21	0.10	0.030	0.011	mg/Kg			1	6020/DOD
Lead	15	0.10	0.030	0.015	mg/Kg			1	6020/DOD
Antimony	0.13	0.20	0.10	0.046	mg/Kg	J		1	6020/DOD
Thallium	0.13	0.10	0.020	0.010	mg/Kg			1	6020/DOD
Vanadium	15	0.10	0.060	0.030	mg/Kg			1	6020/DOD
Zinc	54	0.50	0.20	0.065	mg/Kg		Q	1	6020/DOD
Potassium	650	10	6.0	3.2	mg/Kg			1	6020/DOD
Selenium	0.79	0.50	0.10	0.051	mg/Kg		Q	1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0113M-0001-SO
Lab Sample ID: 240-18544-32
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 17:25
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.028	0.085	0.025	0.0097	mg/Kg	J		1	6020/DOD
Aluminum	7900	2.5	0.51	0.24	mg/Kg			1	6020/DOD
Arsenic	12	0.085	0.042	0.015	mg/Kg			1	6020/DOD
Barium	57	0.85	0.017	0.0091	mg/Kg		Q	1	6020/DOD
Beryllium	0.50	0.085	0.0085	0.0064	mg/Kg			1	6020/DOD
Calcium	5900	8.5	2.1	1.1	mg/Kg			1	6020/DOD
Cadmium	0.28	0.085	0.025	0.011	mg/Kg			1	6020/DOD
Chromium	13	0.17	0.034	0.019	mg/Kg			1	6020/DOD
Cobalt	7.4	0.042	0.0085	0.0020	mg/Kg		Q	1	6020/DOD
Copper	17	0.17	0.051	0.028	mg/Kg		Q	1	6020/DOD
Iron	19000	4.2	1.7	0.91	mg/Kg			1	6020/DOD
Magnesium	2600	8.5	1.7	0.91	mg/Kg			1	6020/DOD
Manganese	440	0.42	0.025	0.013	mg/Kg			1	6020/DOD
Sodium	42	8.5	4.2	2.3	mg/Kg			1	6020/DOD
Nickel	18	0.085	0.025	0.0096	mg/Kg			1	6020/DOD
Lead	15	0.085	0.025	0.013	mg/Kg			1	6020/DOD
Antimony	0.10	0.17	0.085	0.039	mg/Kg	J		1	6020/DOD
Thallium	0.12	0.085	0.017	0.0086	mg/Kg			1	6020/DOD
Vanadium	15	0.085	0.051	0.025	mg/Kg			1	6020/DOD
Zinc	52	0.42	0.17	0.055	mg/Kg		Q	1	6020/DOD
Potassium	730	8.5	5.1	2.7	mg/Kg			1	6020/DOD
Selenium	0.65	0.42	0.085	0.043	mg/Kg		Q	1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0114M-0001-SO
Lab Sample ID: 240-18544-33
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 17:35
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.019	0.091	0.027	0.010	mg/Kg	J		1	6020/DOD
Aluminum	7600	2.7	0.55	0.26	mg/Kg			1	6020/DOD
Arsenic	13	0.091	0.045	0.016	mg/Kg			1	6020/DOD
Barium	36	0.91	0.018	0.0097	mg/Kg		Q	1	6020/DOD
Beryllium	0.35	0.091	0.0091	0.0068	mg/Kg			1	6020/DOD
Calcium	530	9.1	2.3	1.2	mg/Kg			1	6020/DOD
Cadmium	0.15	0.091	0.027	0.012	mg/Kg			1	6020/DOD
Chromium	12	0.18	0.036	0.020	mg/Kg			1	6020/DOD
Cobalt	8.0	0.045	0.0091	0.0022	mg/Kg		Q	1	6020/DOD
Copper	16	0.18	0.055	0.030	mg/Kg		Q	1	6020/DOD
Iron	20000	4.5	1.8	0.98	mg/Kg			1	6020/DOD
Magnesium	1900	9.1	1.8	0.98	mg/Kg			1	6020/DOD
Manganese	420	0.45	0.027	0.014	mg/Kg			1	6020/DOD
Sodium	20	9.1	4.5	2.4	mg/Kg			1	6020/DOD
Nickel	17	0.091	0.027	0.010	mg/Kg			1	6020/DOD
Lead	11	0.091	0.027	0.014	mg/Kg			1	6020/DOD
Antimony	0.088	0.18	0.091	0.042	mg/Kg	J		1	6020/DOD
Thallium	0.12	0.091	0.018	0.0093	mg/Kg			1	6020/DOD
Vanadium	13	0.091	0.055	0.027	mg/Kg			1	6020/DOD
Zinc	54	0.45	0.18	0.059	mg/Kg		Q	1	6020/DOD
Potassium	550	9.1	5.5	2.9	mg/Kg			1	6020/DOD
Selenium	0.51	0.45	0.091	0.046	mg/Kg		Q	1	6020/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0115M-0001-SO
Lab Sample ID: 240-18544-34
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG ID.:
Matrix: Solid
Date Sampled: 12/06/2012 17:35
Reporting Basis: WET
Date Received: 12/07/2012 17:55

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Silver	0.020	0.087	0.026	0.0099	mg/Kg	J		1	6020/DOD
Aluminum	7800	2.6	0.52	0.25	mg/Kg			1	6020/DOD
Arsenic	14	0.087	0.043	0.016	mg/Kg			1	6020/DOD
Barium	37	0.87	0.017	0.0093	mg/Kg		Q	1	6020/DOD
Beryllium	0.35	0.087	0.0087	0.0065	mg/Kg			1	6020/DOD
Calcium	570	8.7	2.2	1.2	mg/Kg			1	6020/DOD
Cadmium	0.15	0.087	0.026	0.011	mg/Kg			1	6020/DOD
Chromium	12	0.17	0.035	0.019	mg/Kg			1	6020/DOD
Cobalt	8.2	0.043	0.0087	0.0021	mg/Kg		Q	1	6020/DOD
Copper	17	0.17	0.052	0.029	mg/Kg		Q	1	6020/DOD
Iron	20000	4.3	1.7	0.94	mg/Kg			1	6020/DOD
Magnesium	1900	8.7	1.7	0.94	mg/Kg			1	6020/DOD
Manganese	430	0.43	0.026	0.014	mg/Kg			1	6020/DOD
Sodium	22	8.7	4.3	2.3	mg/Kg			1	6020/DOD
Nickel	17	0.087	0.026	0.0098	mg/Kg			1	6020/DOD
Lead	12	0.087	0.026	0.013	mg/Kg			1	6020/DOD
Antimony	0.093	0.17	0.087	0.040	mg/Kg	J		1	6020/DOD
Thallium	0.12	0.087	0.017	0.0089	mg/Kg			1	6020/DOD
Vanadium	14	0.087	0.052	0.026	mg/Kg			1	6020/DOD
Zinc	55	0.43	0.17	0.056	mg/Kg		Q	1	6020/DOD
Potassium	580	8.7	5.2	2.7	mg/Kg			1	6020/DOD
Selenium	0.48	0.43	0.087	0.044	mg/Kg		Q	1	6020/DOD

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

ICV Source: MTHGICVW_00447 Concentration Units: ug/L

CCV Source: MTHGCALW_00290

Analyte	ICV 240-68319/7-A 12/13/2012 09:23				CCV 240-68319/10-A 12/13/2012 20:21				CCV 240-68319/10-A 12/13/2012 20:46			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.33		2.50	93	5.02		5.00	100	5.04		5.00	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

ICV Source: MTHGICVW_00447 Concentration Units: ug/L

CCV Source: MTHGCALW_00290

Analyte	CCV 240-68319/10-A 12/13/2012 21:10				CCV 240-68319/10-A 12/13/2012 21:30							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.03		5.00	101	5.06		5.00	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

ICV Source: MTHGICVW_00450 Concentration Units: ug/L

CCV Source: MTHGCALW_00292

Analyte	ICV 240-69001/7-A 12/17/2012 13:53				CCV 240-69001/10-A 12/17/2012 16:41				CCV 240-69001/10-A 12/17/2012 17:04			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.33		2.50	93	4.85		5.00	97	5.06		5.00	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

ICV Source: MTHGICVW_00450 Concentration Units: ug/L

CCV Source: MTHGCALW_00292

Analyte	CCV 240-69001/10-A 12/17/2012 17:28				CCV 240-69001/10-A 12/17/2012 17:44							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.05		5.00	101	5.11		5.00	102				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

ICV Source: MTHGICVW_00450 Concentration Units: ug/L

CCV Source: MTHGCALW_00292

Analyte	ICV 240-69001/7-A 12/18/2012 09:31				CCV 240-69001/10-A 12/18/2012 11:07				CCV 240-69001/10-A 12/18/2012 11:31			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.36		2.50	94	5.18		5.00	104	5.17		5.00	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

ICV Source: MTHGICVW_00450 Concentration Units: ug/L

CCV Source: MTHGCALW_00292

Analyte	CCV 240-69001/10-A 12/18/2012 11:55				CCV 240-69001/10-A 12/18/2012 12:19							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.21		5.00	104	5.19		5.00	104				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

ICV Source: MTHGICVW_00455 Concentration Units: ug/L

CCV Source: MTHGCALW_00294

Analyte	ICV 240-70130/7-A 12/26/2012 16:05				CCV 240-70130/10-A 12/26/2012 16:34				CCV 240-70130/10-A 12/26/2012 16:59			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.29		2.50	92	5.15		5.00	103	5.20		5.00	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

ICV Source: MTHGICVW_00455 Concentration Units: ug/L

CCV Source: MTHGCALW_00294

Analyte	CCV 240-70130/10-A 12/26/2012 17:22				CCV 240-70130/10-A 12/26/2012 17:46							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.17		5.00	103	5.14		5.00	103				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

ICV Source: MICPMSICV_00012 Concentration Units: ug/L

CCV Source: MCCV1X_00031

Analyte	ICV 180-59603/5 12/27/2012 15:33				CCV 180-59603/10 12/27/2012 16:06				CCV 180-59603/22 12/27/2012 17:10			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	413		400	103	543		500	109	536		500	107
Antimony	78.4		80.0	98	94.9		100	95	94.8		100	95
Arsenic	80.3		80.0	100	98.1		100	98	98.2		100	98
Barium	78.9		80.0	99	94.9		100	95	95.7		100	96
Beryllium	79.4		80.0	99	99.4		100	99	97.9		100	98
Cadmium	81.5		80.0	102	99.0		100	99	97.8		100	98
Calcium	38300		40000	96	49000		50000	98	49700		50000	99
Chromium	79.1		80.0	99	99.9		100	100	100		100	100
Cobalt	78.1		80.0	98	98.7		100	99	98.0		100	98
Copper	79.9		80.0	100	98.1		100	98	98.2		100	98
Iron	19400		20000	97	25400		25000	102	25400		25000	102
Lead	79.1		80.0	99	97.2		100	97	99.9		100	100
Magnesium	38000		40000	95	49500		50000	99	49400		50000	99
Manganese	392		400	98	511		500	102	510		500	102
Nickel	79.4		80.0	99	99.3		100	99	99.1		100	99
Potassium	38200		40000	95	46700		50000	93	47800		50000	96
Selenium	81.9		80.0	102	101		100	101	102		100	102
Silver	80.9		80.0	101	98.4		100	98	96.8		100	97
Sodium	39000		40000	97	49900		50000	100	49700		50000	99
Thallium	81.5		80.0	102	97.0		100	97	99.7		100	100
Vanadium	77.5		80.0	97	99.5		100	99	100		100	100
Zinc	86.4		80.0	108	105		100	105	104		100	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

ICV Source: MICPMSICV_00012 Concentration Units: ug/L

CCV Source: MCCV1X_00031

Analyte	CCV 180-59603/34 12/27/2012 18:21				CCV 180-59603/46 12/27/2012 19:19				CCV 180-59603/58 12/27/2012 20:24			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	517		500	103	522		500	104	517		500	103
Antimony	97.1		100	97	98.9		100	99	99.0		100	99
Arsenic	97.7		100	98	97.7		100	98	98.4		100	98
Barium	96.1		100	96	97.1		100	97	96.2		100	96
Beryllium	99.0		100	99	101		100	101	100		100	100
Cadmium	101		100	101	102		100	102	101		100	101
Calcium	49100		50000	98	50900		50000	102	50300		50000	101
Chromium	96.7		100	97	97.8		100	98	97.7		100	98
Cobalt	95.6		100	96	96.1		100	96	96.1		100	96
Copper	97.2		100	97	96.6		100	97	97.1		100	97
Iron	25200		25000	101	26100		25000	104	26100		25000	104
Lead	97.1		100	97	96.9		100	97	96.2		100	96
Magnesium	48700		50000	97	49200		50000	98	48700		50000	97
Manganese	503		500	101	522		500	104	523		500	105
Nickel	97.2		100	97	96.7		100	97	96.2		100	96
Potassium	46900		50000	94	48200		50000	96	47800		50000	96
Selenium	101		100	101	101		100	101	102		100	102
Silver	99.8		100	100	98.5		100	99	96.5		100	96
Sodium	48900		50000	98	49000		50000	98	48500		50000	97
Thallium	96.9		100	97	96.5		100	96	95.6		100	96
Vanadium	96.0		100	96	98.1		100	98	98.0		100	98
Zinc	102		100	102	104		100	104	104		100	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

ICV Source: MICPMSICV_00012 Concentration Units: ug/L

CCV Source: MCCV1X_00031

Analyte	CCV 180-59603/70 12/27/2012 21:47				CCV 180-59603/82 12/27/2012 22:46				CCV 180-59603/94 12/27/2012 23:53			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	513		500	103	518		500	104	526		500	105
Antimony	96.6		100	97	101		100	101	102		100	102
Arsenic	96.8		100	97	97.4		100	97	99.7		100	100
Barium	93.8		100	94	94.9		100	95	96.6		100	97
Beryllium	102		100	102	103		100	103	103		100	103
Cadmium	98.6		100	99	101		100	101	104		100	104
Calcium	50600		50000	101	51100		50000	102	51600		50000	103
Chromium	97.5		100	97	96.7		100	97	98.6		100	99
Cobalt	94.7		100	95	94.2		100	94	95.4		100	95
Copper	95.8		100	96	94.8		100	95	97.0		100	97
Iron	26100		25000	105	26200		25000	105	26600		25000	107
Lead	94.9		100	95	96.0		100	96	94.7		100	95
Magnesium	49000		50000	98	48900		50000	98	49800		50000	100
Manganese	519		500	104	495		500	99	467		500	93
Nickel	94.7		100	95	93.7		100	94	95.7		100	96
Potassium	47600		50000	95	47100		50000	94	48400		50000	97
Selenium	101		100	101	101		100	101	105		100	105
Silver	93.8		100	94	94.9		100	95	99.3		100	99
Sodium	48500		50000	97	47600		50000	95	48300		50000	97
Thallium	94.4		100	94	95.8		100	96	94.2		100	94
Vanadium	97.7		100	98	96.8		100	97	98.9		100	99
Zinc	104		100	104	102		100	102	107		100	107

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

ICV Source: MICPMSICV_00012 Concentration Units: ug/L

CCV Source: MCCV1X_00031

Analyte	ICV 180-59694/5 12/28/2012 22:54				CCV 180-59694/10 12/28/2012 23:21				CCV 180-59694/22 12/29/2012 00:19			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	391		400	98	495		500	99	500		500	100
Antimony	77.8		80.0	97	93.2		100	93	93.0		100	93
Arsenic	79.7		80.0	100	95.9		100	96	95.6		100	96
Barium	78.0		80.0	97	92.5		100	93	93.2		100	93
Beryllium	77.9		80.0	97	98.3		100	98	96.5		100	97
Cadmium	80.3		80.0	100	98.4		100	98	98.1		100	98
Calcium	38300		40000	96	47100		50000	94	47800		50000	96
Chromium	79.8		80.0	100	96.1		100	96	95.3		100	95
Cobalt	77.8		80.0	97	94.8		100	95	94.0		100	94
Copper	79.1		80.0	99	95.6		100	96	96.4		100	96
Iron	19600		20000	98	24200		25000	97	24400		25000	98
Lead	77.8		80.0	97	93.5		100	94	93.4		100	93
Magnesium	38200		40000	95	48600		50000	97	49000		50000	98
Manganese	394		400	99	484		500	97	462		500	92
Nickel	78.3		80.0	98	95.3		100	95	95.1		100	95
Potassium	39100		40000	98	46900		50000	94	48100		50000	96
Selenium	81.1		80.0	101	99.4		100	99	98.9		100	99
Silver	78.4		80.0	98	96.3		100	96	96.4		100	96
Sodium	38600		40000	96	47900		50000	96	47700		50000	95
Thallium	80.2		80.0	100	93.7		100	94	93.5		100	94
Vanadium	77.1		80.0	96	95.3		100	95	95.0		100	95
Zinc	84.9		80.0	106	101		100	101	99.5		100	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

ICV Source: MICPMSICV_00012 Concentration Units: ug/L

CCV Source: MCCV1X_00031

Analyte	CCV 180-59694/34 12/29/2012 01:17											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	493		500	99								
Antimony	94.9		100	95								
Arsenic	97.0		100	97								
Barium	94.0		100	94								
Beryllium	96.4		100	96								
Cadmium	98.9		100	99								
Calcium	48600		50000	97								
Chromium	95.3		100	95								
Cobalt	94.7		100	95								
Copper	95.6		100	96								
Iron	24900		25000	99								
Lead	95.7		100	96								
Magnesium	49000		50000	98								
Manganese	477		500	95								
Nickel	94.1		100	94								
Potassium	48400		50000	97								
Selenium	101		100	101								
Silver	97.0		100	97								
Sodium	47400		50000	95								
Thallium	95.6		100	96								
Vanadium	94.1		100	94								
Zinc	99.3		100	99								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Method: 7471/DOD Instrument ID: H4

Lab Sample ID: CRA 240-68319/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00290

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.194	J	97	

Lab Sample ID: CRA 240-68319/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00290

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.201		101	

Lab Sample ID: CRA 240-69001/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00292

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.210		105	

Lab Sample ID: CRA 240-69001/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00292

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.217		109	

Lab Sample ID: CRA 240-69001/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00292

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.190	J	95	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Method: 7471/DOD Instrument ID: H4

Lab Sample ID: CRA 240-69001/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00292

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.213		107	

Lab Sample ID: CRA 240-70130/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00294

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.180	J	90	

Lab Sample ID: CRA 240-70130/9-A Concentration Units: ug/L

CRQL Check Standard Source: MTHGCALW_00294

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.190	J	95	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Method: 6020/DOD Instrument ID: M

Lab Sample ID: CRI 180-59603/7 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	1.02		102	80-120
Aluminum	30.0	32.7		109	80-120
Arsenic	1.00	0.978	J	98	80-120
Barium	10.0	9.35	J	93	80-120
Beryllium	1.00	0.977	J	98	80-120
Calcium	100	110		110	80-120
Cadmium	1.00	1.06		106	80-120
Chromium	2.00	1.93	J	97	80-120
Cobalt	0.500	0.513		103	80-120
Copper	2.00	2.14		107	80-120
Iron	50.0	58.1		116	80-120
Magnesium	100	102		102	80-120
Manganese	5.00	5.61		112	80-120
Sodium	100	105		105	80-120
Nickel	1.00	1.04		104	80-120
Lead	1.00	0.960	J	96	80-120
Antimony	2.00	1.92	J	96	80-120
Thallium	1.00	0.902	J	90	80-120
Vanadium	1.00	0.938	J	94	80-120
Zinc	5.00	5.50		110	80-120
Potassium	100	95.8	J	96	80-120
Selenium	5.00	4.69	J	94	80-120

Lab Sample ID: CRI 180-59603/87 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	0.992	J	99	80-120
Aluminum	30.0	32.9		110	80-120
Arsenic	1.00	1.07		107	80-120
Barium	10.0	9.17	J	92	80-120
Beryllium	1.00	1.01		101	80-120
Calcium	100	108		108	80-120
Cadmium	1.00	1.06		106	80-120
Chromium	2.00	1.85	J	93	80-120

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Method: 6020/DOD Instrument ID: M

Lab Sample ID: CRI 180-59603/87 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cobalt	0.500	0.474	J	95	80-120
Copper	2.00	2.05		102	80-120
Iron	50.0	48.6	J	97	80-120
Magnesium	100	99.2	J	99	80-120
Manganese	5.00	5.92		118	80-120
Sodium	100	94.9	J	95	80-120
Nickel	1.00	0.924	J	92	80-120
Lead	1.00	0.909	J	91	80-120
Antimony	2.00	2.04		102	80-120
Thallium	1.00	0.863	J	86	80-120
Vanadium	1.00	0.955	J	96	80-120
Zinc	5.00	5.68		114	80-120
Potassium	100	84.5	J	84	80-120
Selenium	5.00	5.23		105	80-120

Lab Sample ID: CRI 180-59694/7 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	0.986	J	99	80-120
Aluminum	30.0	31.4		105	80-120
Arsenic	1.00	1.06		106	80-120
Barium	10.0	9.24	J	92	80-120
Beryllium	1.00	0.955	J	95	80-120
Calcium	100	102		102	80-120
Cadmium	1.00	1.05		105	80-120
Chromium	2.00	1.91	J	96	80-120
Cobalt	0.500	0.486	J	97	80-120
Copper	2.00	2.10		105	80-120
Iron	50.0	59.0		118	80-120
Magnesium	100	96.8	J	97	80-120
Manganese	5.00	5.12		102	80-120
Sodium	100	97.1	J	97	80-120
Nickel	1.00	0.968	J	97	80-120
Lead	1.00	0.923	J	92	80-120

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Method: 6020/DOD Instrument ID: M

Lab Sample ID: CRI 180-59694/7 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Antimony	2.00	1.87	J	94	80-120
Thallium	1.00	0.865	J	87	80-120
Vanadium	1.00	0.898	J	90	80-120
Zinc	5.00	5.83		117	80-120
Potassium	100	92.3	J	92	80-120
Selenium	5.00	5.05		101	80-120

Lab Sample ID: CRI 180-59694/69 Concentration Units: ug/L

CRQL Check Standard Source: MCRIX_00024

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	1.00	0.937	J	94	80-120
Aluminum	30.0	32.3		108	80-120
Arsenic	1.00	0.883	J	88	80-120
Barium	10.0	9.28	J	93	80-120
Beryllium	1.00	0.909	J	91	80-120
Calcium	100	108		108	80-120
Cadmium	1.00	1.01		101	80-120
Chromium	2.00	1.97	J	99	80-120
Cobalt	0.500	0.495	J	99	80-120
Copper	2.00	2.12		106	80-120
Iron	50.0	57.7		115	80-120
Magnesium	100	98.6	J	99	80-120
Manganese	5.00	5.42		108	80-120
Sodium	100	94.5	J	95	80-120
Nickel	1.00	0.970	J	97	80-120
Lead	1.00	0.873	J	87	80-120
Antimony	2.00	1.90	J	95	80-120
Thallium	1.00	0.825	J	82	80-120
Vanadium	1.00	0.942	J	94	80-120
Zinc	5.00	5.72		114	80-120
Potassium	100	99.2	J	99	80-120
Selenium	5.00	4.99	J	100	80-120

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-68319/8-A 12/13/2012 09:25		CCB 240-68319/11-A 12/13/2012 20:23		CCB 240-68319/11-A 12/13/2012 20:48		CCB 240-68319/11-A 12/13/2012 21:12	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 240-68319/11-A 12/13/2012 21:32							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-69001/8-A 12/17/2012 13:55		CCB 240-69001/11-A 12/17/2012 16:43		CCB 240-69001/11-A 12/17/2012 17:06		CCB 240-69001/11-A 12/17/2012 17:30	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 240-69001/11-A 12/17/2012 17:47							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-69001/8-A 12/18/2012 09:34		CCB 240-69001/11-A 12/18/2012 11:09		CCB 240-69001/11-A 12/18/2012 11:33		CCB 240-69001/11-A 12/18/2012 11:57	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 240-69001/11-A 12/18/2012 12:21							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 240-70130/8-A 12/26/2012 16:07		CCB 240-70130/11-A 12/26/2012 16:36		CCB 240-70130/11-A 12/26/2012 17:01		CCB 240-70130/11-A 12/26/2012 17:24	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 240-70130/11-A 12/26/2012 17:48							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 180-59603/6 12/27/2012 15:40		CCB1 180-59603/11 12/27/2012 16:13		CCB2 180-59603/23 12/27/2012 17:17		CCB3 180-59603/35 12/27/2012 18:29	
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	5.0	U	5.0	U	5.0	U	5.0	U
Antimony	2.0	0.90	U	0.90	U	0.90	U	0.90	U
Arsenic	1.0	0.50	U	0.50	U	0.50	U	0.50	U
Barium	10	0.15	U	0.15	U	0.15	U	0.15	U
Beryllium	1.0	0.090	U	0.090	U	0.090	U	0.090	U
Cadmium	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Calcium	100	14.1	J	10.9	J	12.5	J	11.2	J
Chromium	2.0	1.0	U	1.0	U	1.0	U	1.0	U
Cobalt	0.50	0.050	U	0.050	U	0.050	U	0.050	U
Copper	2.0	0.50	U	0.50	U	0.50	U	0.50	U
Iron	50	20	U	20	U	20	U	20	U
Lead	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Magnesium	100	22	U	22	U	22	U	22	U
Manganese	5.0	0.30	U	0.30	U	0.308	J	0.322	J
Nickel	1.0	0.35	U	0.35	U	0.35	U	0.35	U
Potassium	100	60	U	60	U	60	U	60	U
Selenium	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Silver	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Sodium	100	55	U	55	U	55	U	55	U
Thallium	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Vanadium	1.0	0.60	U	0.60	U	0.60	U	0.60	U
Zinc	5.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB4 180-59603/47 12/27/2012 19:27		CCB5 180-59603/59 12/27/2012 20:32		CCB6 180-59603/71 12/27/2012 21:55		CCB7 180-59603/83 12/27/2012 22:54	
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	5.0	U	5.0	U	5.0	U	5.0	U
Antimony	2.0	0.90	U	0.90	U	0.90	U	0.90	U
Arsenic	1.0	0.50	U	0.50	U	0.50	U	0.50	U
Barium	10	0.15	U	0.15	U	0.15	U	0.15	U
Beryllium	1.0	0.090	U	0.090	U	0.090	U	0.090	U
Cadmium	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Calcium	100	10.1	J	14.3	J	16.9	J	18.7	J
Chromium	2.0	1.0	U	1.0	U	1.0	U	1.0	U
Cobalt	0.50	0.050	U	0.050	U	0.050	U	0.050	U
Copper	2.0	0.50	U	0.50	U	0.50	U	0.50	U
Iron	50	20	U	20	U	20	U	20	U
Lead	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Magnesium	100	22	U	22	U	22	U	22	U
Manganese	5.0	0.278	J	0.329	J	0.319	J	0.359	J
Nickel	1.0	0.35	U	0.35	U	0.35	U	0.35	U
Potassium	100	60	U	60	U	60	U	60	U
Selenium	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Silver	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Sodium	100	55	U	55	U	55	U	55	U
Thallium	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Vanadium	1.0	0.60	U	0.60	U	0.60	U	0.60	U
Zinc	5.0	2.0	U	2.0	U	2.19	J	2.29	J

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB8 180-59603/95 12/28/2012 00:01							
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	5.0	U						
Antimony	2.0	0.90	U						
Arsenic	1.0	0.50	U						
Barium	10	0.15	U						
Beryllium	1.0	0.090	U						
Cadmium	1.0	0.30	U						
Calcium	100	18.3	J						
Chromium	2.0	1.0	U						
Cobalt	0.50	0.050	U						
Copper	2.0	0.50	U						
Iron	50	20	U						
Lead	1.0	0.30	U						
Magnesium	100	22	U						
Manganese	5.0	0.217	J						
Nickel	1.0	0.35	U						
Potassium	100	60	U						
Selenium	5.0	1.0	U						
Silver	1.0	0.20	U						
Sodium	100	55	U						
Thallium	1.0	0.20	U						
Vanadium	1.0	0.60	U						
Zinc	5.0	2.10	J						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 180-59694/6 12/28/2012 23:01		CCB1 180-59694/11 12/28/2012 23:29		CCB2 180-59694/23 12/29/2012 00:27		CCB3 180-59694/35 12/29/2012 01:25	
		Found	C	Found	C	Found	C	Found	C
Aluminum	30	5.0	U	5.0	U	5.0	U	5.0	U
Antimony	2.0	0.90	U	0.90	U	0.90	U	0.90	U
Arsenic	1.0	0.50	U	0.50	U	0.50	U	0.50	U
Barium	10	0.15	U	0.15	U	0.15	U	0.15	U
Beryllium	1.0	0.090	U	0.090	U	0.090	U	0.090	U
Cadmium	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Calcium	100	20	U	20	U	20	U	20	U
Chromium	2.0	1.0	U	1.0	U	1.0	U	1.0	U
Cobalt	0.50	0.050	U	0.050	U	0.050	U	0.050	U
Copper	2.0	0.50	U	0.50	U	0.50	U	0.50	U
Iron	50	20	U	11.5	J	11.5	J	12.3	J
Lead	1.0	0.30	U	0.30	U	0.30	U	0.30	U
Magnesium	100	22	U	22	U	22	U	22	U
Manganese	5.0	0.30	U	0.30	U	0.341	J	0.368	J
Nickel	1.0	0.35	U	0.35	U	0.35	U	0.35	U
Potassium	100	60	U	60	U	60	U	60	U
Selenium	5.0	1.0	U	1.0	U	1.0	U	1.0	U
Silver	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Sodium	100	55	U	55	U	55	U	55	U
Thallium	1.0	0.20	U	0.20	U	0.20	U	0.20	U
Vanadium	1.0	0.60	U	0.60	U	0.60	U	0.60	U
Zinc	5.0	2.0	U	2.0	U	2.0	U	2.0	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-68388/1-A

Instrument Code: H4 Batch No.: 68700

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471_DOD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-68775/1-A

Instrument Code: H4 Batch No.: 69127

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471_DOD

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-69021/1-A

Instrument Code: H4 Batch No.: 69324

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471_DOD

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 240-69805/1-A

Instrument Code: H4 Batch No.: 70191

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471_DOD

FORM III-IN

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 180-59175/1-A

Instrument Code: M Batch No.: 59603

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.030	U		6020_DoD
7429-90-5	Aluminum	0.337	J		6020_DoD
7440-38-2	Arsenic	0.050	U		6020_DoD
7440-39-3	Barium	0.020	U	Q	6020_DoD
7440-41-7	Beryllium	0.010	U		6020_DoD
7440-70-2	Calcium	2.62	J		6020_DoD
7440-43-9	Cadmium	0.030	U	Q	6020_DoD
7440-47-3	Chromium	0.040	U		6020_DoD
7440-48-4	Cobalt	0.010	U	Q	6020_DoD
7440-50-8	Copper	0.060	U	Q	6020_DoD
7439-89-6	Iron	2.0	U		6020_DoD
7439-95-4	Magnesium	2.0	U		6020_DoD
7439-96-5	Manganese	0.030	U	Q	6020_DoD
7440-23-5	Sodium	5.0	U		6020_DoD
7440-02-0	Nickel	0.030	U	Q	6020_DoD
7439-92-1	Lead	0.030	U		6020_DoD
7440-36-0	Antimony	0.10	U		6020_DoD
7440-28-0	Thallium	0.020	U		6020_DoD
7440-62-2	Vanadium	0.060	U		6020_DoD
7440-66-6	Zinc	0.20	U	Q	6020_DoD
7440-09-7	Potassium	6.0	U		6020_DoD
7782-49-2	Selenium	0.10	U		6020_DoD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 180-59179/1-A

Instrument Code: M Batch No.: 59603

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.030	U		6020_DoD
7429-90-5	Aluminum	0.790	J		6020_DoD
7440-38-2	Arsenic	0.050	U		6020_DoD
7440-39-3	Barium	0.020	U	Q	6020_DoD
7440-41-7	Beryllium	0.010	U		6020_DoD
7440-70-2	Calcium	2.32	J		6020_DoD
7440-43-9	Cadmium	0.030	U	Q	6020_DoD
7440-47-3	Chromium	0.040	U		6020_DoD
7440-48-4	Cobalt	0.010	U	Q	6020_DoD
7440-50-8	Copper	0.060	U	Q	6020_DoD
7439-89-6	Iron	2.38	J		6020_DoD
7439-95-4	Magnesium	2.0	U		6020_DoD
7439-96-5	Manganese	0.0305	J	Q	6020_DoD
7440-23-5	Sodium	5.0	U		6020_DoD
7440-02-0	Nickel	0.030	U	Q	6020_DoD
7439-92-1	Lead	0.030	U		6020_DoD
7440-36-0	Antimony	0.10	U		6020_DoD
7440-28-0	Thallium	0.020	U		6020_DoD
7440-62-2	Vanadium	0.060	U		6020_DoD
7440-66-6	Zinc	0.20	U	Q	6020_DoD
7440-09-7	Potassium	6.0	U		6020_DoD
7782-49-2	Selenium	0.10	U		6020_DoD

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 180-59183/1-A

Instrument Code: M Batch No.: 59694

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	0.030	U		6020_DoD
7429-90-5	Aluminum	0.515	J		6020_DoD
7440-38-2	Arsenic	0.050	U		6020_DoD
7440-39-3	Barium	0.0133	J	Q	6020_DoD
7440-41-7	Beryllium	0.010	U		6020_DoD
7440-70-2	Calcium	2.78	J		6020_DoD
7440-43-9	Cadmium	0.030	U		6020_DoD
7440-47-3	Chromium	0.040	U		6020_DoD
7440-48-4	Cobalt	0.010	U	Q	6020_DoD
7440-50-8	Copper	0.060	U	Q	6020_DoD
7439-89-6	Iron	1.12	J		6020_DoD
7439-95-4	Magnesium	2.0	U		6020_DoD
7439-96-5	Manganese	0.030	U		6020_DoD
7440-23-5	Sodium	5.0	U		6020_DoD
7440-02-0	Nickel	0.0132	J		6020_DoD
7439-92-1	Lead	0.030	U		6020_DoD
7440-36-0	Antimony	0.10	U		6020_DoD
7440-28-0	Thallium	0.020	U		6020_DoD
7440-62-2	Vanadium	0.060	U		6020_DoD
7440-66-6	Zinc	0.141	J	Q	6020_DoD
7440-09-7	Potassium	6.0	U		6020_DoD
7782-49-2	Selenium	0.10	U	Q	6020_DoD

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICSA 180-59603/8 Instrument ID: M

Lab File ID: M21227A.xml ICS Source: MICSAX_00023

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**100000**	**103300**	**103**
Antimony		**0.320**	
Arsenic		**-0.0490**	
Barium		**0.258**	
Beryllium		**0.0240**	
Cadmium		**0.385**	
Calcium	**100000**	**106000**	**106**
Chromium		**0.0630**	
Cobalt		**0.168**	
Copper		**1.60**	
Iron	**100000**	**110400**	**110**
Lead		**0.231**	
Magnesium	**100000**	**105400**	**105**
Manganese		**0.418**	
Nickel		**0.381**	
Potassium	**100000**	**102200**	**102**
Selenium		**-0.912**	
Silver		**0.150**	
Sodium	**100000**	**108000**	**108**
Thallium		**0.0030**	
Vanadium		**-0.419**	
Zinc		**4.11**	
Boron		*0.724*	
Molybdenum	*2000*	*2280*	*114*
Silicon		*31.0*	
Strontium		*5.29*	
Tin		*0.292*	
Titanium	*2000*	*2327*	*116*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICSAB 180-59603/9 Instrument ID: M

Lab File ID: M21227A.xml ICS Source: MICSABX_00026

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**100000**	**101067**	**101**
Antimony	**20.0**	**21.2**	**106**
Arsenic	**20.0**	**20.0**	**100**
Barium	**20.0**	**21.5**	**107**
Beryllium	**20.0**	**20.2**	**101**
Cadmium	**20.0**	**21.9**	**110**
Calcium	**100000**	**105033**	**105**
Chromium	**20.0**	**21.4**	**107**
Cobalt	**20.0**	**20.5**	**103**
Copper	**20.0**	**20.5**	**103**
Iron	**100000**	**105100**	**105**
Lead	**20.0**	**22.4**	**112**
Magnesium	**100000**	**102600**	**103**
Manganese	**22.5**	**23.4**	**104**
Nickel	**20.0**	**20.1**	**101**
Potassium	**100000**	**99470**	**99**
Selenium	**50.0**	**49.2**	**98**
Silver	**20.0**	**21.7**	**109**
Sodium	**100000**	**105567**	**106**
Thallium	**20.0**	**22.2**	**111**
Vanadium	**20.0**	**21.3**	**107**
Zinc	**25.0**	**23.8**	**95**
Boron	*50.0*	*49.2*	*98*
Molybdenum	*2000*	*2136*	*107*
Silicon	*500*	*610*	*122*
Strontium	*20.0*	*23.9*	*119*
Tin	*100*	*107*	*107*
Titanium	*2000*	*2280*	*114*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICSA 180-59694/8 Instrument ID: M

Lab File ID: M21228A.xml ICS Source: MICSAX_00023

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**100000**	**97270**	**97**
Antimony		**0.277**	
Arsenic		**0.322**	
Barium		**0.210**	
Beryllium		**-0.0040**	
Cadmium		**0.218**	
Calcium	**100000**	**98790**	**99**
Chromium		**0.0190**	
Cobalt		**0.135**	
Copper		**1.53**	
Iron	**100000**	**102800**	**103**
Lead		**0.160**	
Magnesium	**100000**	**99060**	**99**
Manganese		**0.282**	
Nickel		**0.215**	
Potassium	**100000**	**98440**	**98**
Selenium		**1.15**	
Silver		**0.0930**	
Sodium	**100000**	**98080**	**98**
Thallium		**-0.0030**	
Vanadium		**-0.358**	
Zinc		**3.61**	
Boron		*0.416*	
Molybdenum	*2000*	*2138*	*107*
Silicon		*29.6*	
Strontium		*4.65*	
Tin		*0.287*	
Titanium	*2000*	*2124*	*106*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Lab Sample ID: ICSAB 180-59694/9 Instrument ID: M

Lab File ID: M21228A.xml ICS Source: MICSABX_00026

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Aluminum	**100000**	**94617**	**95**
Antimony	**20.0**	**18.8**	**94**
Arsenic	**20.0**	**20.3**	**101**
Barium	**20.0**	**19.5**	**98**
Beryllium	**20.0**	**18.8**	**94**
Cadmium	**20.0**	**19.4**	**97**
Calcium	**100000**	**96587**	**97**
Chromium	**20.0**	**19.7**	**98**
Cobalt	**20.0**	**19.1**	**95**
Copper	**20.0**	**20.2**	**101**
Iron	**100000**	**98603**	**99**
Lead	**20.0**	**19.9**	**100**
Magnesium	**100000**	**96100**	**96**
Manganese	**22.5**	**20.3**	**90**
Nickel	**20.0**	**18.7**	**93**
Potassium	**100000**	**95383**	**95**
Selenium	**50.0**	**51.5**	**103**
Silver	**20.0**	**18.8**	**94**
Sodium	**100000**	**96977**	**97**
Thallium	**20.0**	**19.7**	**99**
Vanadium	**20.0**	**19.5**	**98**
Zinc	**25.0**	**23.3**	**93**
Boron	*50.0*	*44.9*	*90*
Molybdenum	*2000*	*2062*	*103*
Silicon	*500*	*532*	*106*
Strontium	*20.0*	*23.6*	*118*
Tin	*100*	*94.8*	*95*
Titanium	*2000*	*2071*	*104*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 072SB-0063-0001-SO MS
Lab ID: 240-18544-1 MS
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 88.8

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.219		0.017	J	0.205	107	80-120		7471/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 076SB-0090M-0001-SO MS Lab ID: 240-18544-7 MS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.198		0.032	J	0.159	105	80-120		7471/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 076SB-0091M-0001-SO MS Lab ID: 240-18544-8 MS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.211		0.030	J	0.179	101	80-120		7471/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 076SB-0100M-0001-SO MS Lab ID: 240-18544-19 MS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.230		0.032	J	0.189	105	80-120		7471/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 075TR-0002-0001-SO MS
Lab ID: 240-18544-38 MS
Lab Name: TestAmerica Canton
Job No.: 240-18544-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 79.7

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.254		0.046	U	0.232	109	80-120		7471/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 072SB-0063-0001-SO MS
Lab ID: 240-18544-1 MS
Lab Name: TestAmerica Pittsburgh
Job No.: 240-18544-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 88.8

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.01		0.024	J	10.3	39	75-125	J	6020/DOD
Aluminum	6510		5400		1030	106	70-130	4	6020/DOD
Arsenic	10.8		11		10.3	-5	23-131	J	6020/DOD
Barium	29.2		21		10.3	83	10-199	Q	6020/DOD
Beryllium	9.04		0.40		10.3	84	58-112		6020/DOD
Calcium	3190		1200		1030	193	70-130	J	6020/DOD
Cadmium	6.36		0.15		10.3	60	58-110	Q	6020/DOD
Chromium	17.4		9.2		10.3	79	10-199		6020/DOD
Cobalt	13.1		7.7		10.3	52	55-110	Q J	6020/DOD
Copper	16.9		15		10.3	16	10-199	Q	6020/DOD
Iron	19800		17000		1030	235	70-130	4	6020/DOD
Magnesium	2710		1600		1030	104	70-130		6020/DOD
Manganese	283		270		10.3	169	10-199	Q 4	6020/DOD
Sodium	971		32		1030	91	70-130		6020/DOD
Nickel	20.4		16		10.3	39	10-176	Q	6020/DOD
Lead	21.1		11		10.3	101	10-199		6020/DOD
Antimony	2.95		0.069	J	10.3	28	75-125	J	6020/DOD
Thallium	9.55		0.12		10.3	91	82-110		6020/DOD
Vanadium	18.7		9.8		10.3	87	39-129		6020/DOD
Zinc	43.6		59		10.3	-149	10-199	Q 4	6020/DOD
Potassium	1670		950		1030	70	70-130		6020/DOD
Selenium	3.01		0.38	J	10.3	25	39-116	J	6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 076SB-0090M-0001-SO MS Lab ID: 240-18544-7 MS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	7.61		0.019	J	8.77	87	75-125		6020/DOD
Aluminum	10300		7700		877	296	70-130	4	6020/DOD
Arsenic	20.0		13		8.77	78	23-131		6020/DOD
Barium	43.0		34		8.77	105	10-199	Q	6020/DOD
Beryllium	8.04		0.41		8.77	87	58-112		6020/DOD
Calcium	1600		780		877	93	70-130		6020/DOD
Cadmium	7.39		0.15		8.77	83	58-110	Q	6020/DOD
Chromium	23.3		14		8.77	108	10-199		6020/DOD
Cobalt	15.3		7.0		8.77	94	55-110	Q	6020/DOD
Copper	23.6		16		8.77	92	10-199	Q	6020/DOD
Iron	25300		24000		877	138	70-130	4	6020/DOD
Magnesium	2910		1900		877	118	70-130		6020/DOD
Manganese	315		290		8.77	318	10-199	Q 4	6020/DOD
Sodium	790		24		877	87	70-130		6020/DOD
Nickel	25.7		17		8.77	102	10-176	Q	6020/DOD
Lead	24.7		16		8.77	94	10-199		6020/DOD
Antimony	2.32		0.11	J	8.77	25	75-125	J	6020/DOD
Thallium	7.42		0.14		8.77	83	82-110		6020/DOD
Vanadium	24.1		14		8.77	118	39-129		6020/DOD
Zinc	66.1		56		8.77	120	10-199	Q 4	6020/DOD
Potassium	1690		820		877	99	70-130		6020/DOD
Selenium	6.65		0.46		8.77	71	39-116		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 076SB-0091M-0001-SO MS Lab ID: 240-18544-8 MS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	7.33		0.023	J	8.55	85	75-125		6020/DOD
Aluminum	7920		5900		855	241	70-130	4	6020/DOD
Arsenic	22.3		14		8.55	95	23-131		6020/DOD
Barium	40.8		32		8.55	108	10-199	Q	6020/DOD
Beryllium	7.51		0.43		8.55	83	58-112		6020/DOD
Calcium	1740		1000		855	86	70-130		6020/DOD
Cadmium	7.33		0.18		8.55	84	58-110	Q	6020/DOD
Chromium	22.4		14		8.55	101	10-199		6020/DOD
Cobalt	15.6		8.4		8.55	84	55-110	Q	6020/DOD
Copper	23.6		16		8.55	90	10-199	Q	6020/DOD
Iron	23900		24000		855	-37	70-130	4	6020/DOD
Magnesium	2720		1800		855	102	70-130		6020/DOD
Manganese	441		410		8.55	324	10-199	Q 4	6020/DOD
Sodium	748		36		855	83	70-130		6020/DOD
Nickel	28.8		21		8.55	92	10-176	Q	6020/DOD
Lead	21.6		13		8.55	98	10-199		6020/DOD
Antimony	2.32		0.11	J	8.55	26	75-125	J	6020/DOD
Thallium	7.24		0.13		8.55	83	82-110		6020/DOD
Vanadium	21.0		12		8.55	108	39-129		6020/DOD
Zinc	68.3		57		8.55	126	10-199	Q 4	6020/DOD
Potassium	1550		780		855	90	70-130		6020/DOD
Selenium	6.36		0.32	J	8.55	71	39-116		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 076SB-0100M-0001-SO MS Lab ID: 240-18544-19 MS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	7.67		0.025	J	8.77	87	75-125		6020/DOD
Aluminum	11200		9700		877	172	70-130	4	6020/DOD
Arsenic	21.7		15		8.77	81	23-131		6020/DOD
Barium	54.1		44		8.77	110	10-199	Q 4	6020/DOD
Beryllium	7.41		0.49		8.77	79	58-112		6020/DOD
Calcium	2000		1200		877	87	70-130		6020/DOD
Cadmium	7.43		0.15		8.77	83	58-110		6020/DOD
Chromium	26.7		20		8.77	82	10-199		6020/DOD
Cobalt	17.2		8.1		8.77	103	55-110	Q	6020/DOD
Copper	22.0		14		8.77	93	10-199	Q	6020/DOD
Iron	24600		24000		877	73	70-130	4	6020/DOD
Magnesium	3160		2300		877	93	70-130		6020/DOD
Manganese	388		340		8.77	557	10-199	4	6020/DOD
Sodium	779		31		877	85	70-130		6020/DOD
Nickel	28.0		20		8.77	90	10-176		6020/DOD
Lead	21.6		12		8.77	109	10-199		6020/DOD
Antimony	1.82		0.12	J	8.77	19	75-125	J	6020/DOD
Thallium	7.79		0.19		8.77	87	82-110		6020/DOD
Vanadium	25.9		17		8.77	99	39-129		6020/DOD
Zinc	59.8		50		8.77	113	10-199	Q 4	6020/DOD
Potassium	1540		900		877	74	70-130		6020/DOD
Selenium	7.05		0.76		8.77	72	39-116	Q	6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 072SB-0063-0001-SO PDS | Lab ID: 240-18544-1 PDS

Lab Name: TestAmerica Pittsburgh | Job No.: 240-18544-1

SDG No.:

Matrix: Solid | Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.92		0.024	J	5.17	95	80-120		6020/DOD
Aluminum	5600		5400		207	90	80-120		6020/DOD
Arsenic	15.5		11		4.13	102	80-120		6020/DOD
Barium	195		21		207	84	80-120	Q	6020/DOD
Beryllium	4.90		0.40		5.17	87	80-120		6020/DOD
Calcium	6010		1200		5170	93	80-120		6020/DOD
Cadmium	5.00		0.15		5.17	94	80-120	Q	6020/DOD
Chromium	29.4		9.2		20.7	97	80-120		6020/DOD
Cobalt	53.0		7.7		51.7	88	80-120	Q	6020/DOD
Copper	39.6		15		25.8	94	80-120	Q	6020/DOD
Iron	18200		17000		103	800	80-120	J	6020/DOD
Magnesium	6200		1600		5170	88	80-120		6020/DOD
Manganese	328		270		51.7	120	80-120	Q	6020/DOD
Sodium	4610		32		5170	89	80-120		6020/DOD
Nickel	64.9		16		51.7	94	80-120	Q	6020/DOD
Lead	12.6		11		2.07	97	80-120		6020/DOD
Antimony	46.1		0.069	J	51.7	89	80-120		6020/DOD
Thallium	4.89		0.12		5.17	92	80-120		6020/DOD
Vanadium	58.3		9.8		51.7	94	80-120		6020/DOD
Zinc	109		59		51.7	97	80-120	Q	6020/DOD
Potassium	5490		950		5170	88	80-120		6020/DOD
Selenium	1.34		0.38	J	1.03	93	80-120		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 076SB-0090M-0001-SO PDS Lab ID: 240-18544-7 PDS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.31		0.019	J	4.39	98	80-120		6020/DOD
Aluminum	7770		7700		175	32	80-120	J	6020/DOD
Arsenic	16.9		13		3.51	105	80-120		6020/DOD
Barium	187		34		175	87	80-120	Q	6020/DOD
Beryllium	4.27		0.41		4.39	88	80-120		6020/DOD
Calcium	4980		780		4390	96	80-120		6020/DOD
Cadmium	4.18		0.15		4.39	92	80-120	Q	6020/DOD
Chromium	31.0		14		17.5	98	80-120		6020/DOD
Cobalt	45.8		7.0		43.9	88	80-120	Q	6020/DOD
Copper	36.6		16		21.9	96	80-120	Q	6020/DOD
Iron	24600		24000		87.7	590	80-120	J	6020/DOD
Magnesium	5790		1900		4390	89	80-120		6020/DOD
Manganese	335		290		43.9	108	80-120	Q	6020/DOD
Sodium	3840		24		4390	87	80-120		6020/DOD
Nickel	57.9		17		43.9	94	80-120	Q	6020/DOD
Lead	17.7		16		1.75	72	80-120	J	6020/DOD
Antimony	38.0		0.11	J	43.9	86	80-120		6020/DOD
Thallium	4.23		0.14		4.39	93	80-120		6020/DOD
Vanadium	56.2		14		43.9	97	80-120		6020/DOD
Zinc	96.1		56		43.9	92	80-120	Q	6020/DOD
Potassium	4700		820		4390	89	80-120		6020/DOD
Selenium	1.17		0.46		0.877	81	80-120		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 076SB-0091M-0001-SO PDS Lab ID: 240-18544-8 PDS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.17		0.023	J	4.27	97	80-120		6020/DOD
Aluminum	6010		5900		171	88	80-120		6020/DOD
Arsenic	17.5		14		3.42	98	80-120		6020/DOD
Barium	183		32		171	89	80-120	Q	6020/DOD
Beryllium	4.21		0.43		4.27	89	80-120		6020/DOD
Calcium	5110		1000		4270	96	80-120		6020/DOD
Cadmium	4.12		0.18		4.27	92	80-120	Q	6020/DOD
Chromium	30.3		14		17.1	96	80-120		6020/DOD
Cobalt	47.5		8.4		42.7	91	80-120	Q	6020/DOD
Copper	35.9		16		21.4	94	80-120	Q	6020/DOD
Iron	24400		24000		85.5	180	80-120	J	6020/DOD
Magnesium	5700		1800		4270	90	80-120		6020/DOD
Manganese	456		410		42.7	100	80-120	Q	6020/DOD
Sodium	3820		36		4270	88	80-120		6020/DOD
Nickel	61.1		21		42.7	94	80-120	Q	6020/DOD
Lead	14.7		13		1.71	84	80-120		6020/DOD
Antimony	39.0		0.11	J	42.7	91	80-120		6020/DOD
Thallium	4.20		0.13		4.27	95	80-120		6020/DOD
Vanadium	53.0		12		42.7	96	80-120		6020/DOD
Zinc	94.8		57		42.7	87	80-120	Q	6020/DOD
Potassium	4630		780		4270	90	80-120		6020/DOD
Selenium	1.11		0.32	J	0.855	92	80-120		6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 076SB-0100M-0001-SO PDS Lab ID: 240-18544-19 PDS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	4.15		0.025	J	4.39	94	80-120		6020/DOD
Aluminum	10300		9700		175	315	80-120		6020/DOD
Arsenic	18.5		15		3.51	110	80-120		6020/DOD
Barium	201		44		175	89	80-120	Q	6020/DOD
Beryllium	4.35		0.49		4.39	88	80-120		6020/DOD
Calcium	5280		1200		4390	92	80-120		6020/DOD
Cadmium	4.04		0.15		4.39	89	80-120		6020/DOD
Chromium	36.2		20		17.5	95	80-120		6020/DOD
Cobalt	48.6		8.1		43.9	92	80-120	Q	6020/DOD
Copper	34.2		14		21.9	93	80-120	Q	6020/DOD
Iron	24700		24000		87.7	790	80-120		6020/DOD
Magnesium	6500		2300		4390	95	80-120		6020/DOD
Manganese	386		340		43.9	107	80-120		6020/DOD
Sodium	4010		31		4390	91	80-120		6020/DOD
Nickel	60.5		20		43.9	92	80-120		6020/DOD
Lead	14.3		12		1.75	132	80-120		6020/DOD
Antimony	37.9		0.12	J	43.9	86	80-120		6020/DOD
Thallium	4.41		0.19		4.39	96	80-120		6020/DOD
Vanadium	58.3		17		43.9	94	80-120		6020/DOD
Zinc	89.1		50		43.9	89	80-120	Q	6020/DOD
Potassium	4890		900		4390	91	80-120		6020/DOD
Selenium	1.58		0.76		0.877	94	80-120	Q	6020/DOD

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: 072SB-0063-0001-SO DU Lab ID: 240-18544-1 DU

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

% Solids for Sample: 89.0 % Solids for Duplicate: 89.0

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.12	0.017	J	0.040	U	NC		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 076SB-0090M-0001-SO DU Lab ID: 240-18544-7 DU

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.095	0.032	J	0.0351	J	10		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 076SB-0091M-0001-SO DU Lab ID: 240-18544-8 DU

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.11	0.030	J	0.0311	J	5		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 076SB-0100M-0001-SO DU Lab ID: 240-18544-19 DU

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.11	0.032	J	0.0352	J	10		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 075TR-0002-0001-SO DU Lab ID: 240-18544-38 DU

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

% Solids for Sample: 79.7 % Solids for Duplicate: 79.7

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Mercury	0.14	0.046	U	0.046	U	NC		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 072SB-0063-0001-SO DU Lab ID: 240-18544-1 DU

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

% Solids for Sample: 89.0 % Solids for Duplicate: 89.0

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.10	0.024	J	0.0258	J	6		6020/DOD
Aluminum	3.1	5400		4980		8		6020/DOD
Arsenic	0.10	11		10.5		7		6020/DOD
Barium	1.0	21		20.5		0.7	Q	6020/DOD
Beryllium	0.10	0.40		0.374		8		6020/DOD
Calcium	10	1200		1200		0.7		6020/DOD
Cadmium	0.10	0.15		0.175		17	Q	6020/DOD
Chromium	0.21	9.2		8.59		7		6020/DOD
Cobalt	0.052	7.7		7.11		8	Q	6020/DOD
Copper	0.21	15		15.6		2	Q	6020/DOD
Iron	5.2	17000		18300		5		6020/DOD
Magnesium	10	1600		1580		3		6020/DOD
Manganese	0.52	270		380		36	Q J	6020/DOD
Sodium	10	32		28.6		11		6020/DOD
Nickel	0.10	16		17.7		8	Q	6020/DOD
Lead	0.10	11		9.47		12		6020/DOD
Antimony	0.21	0.069	J	0.0628	J	10		6020/DOD
Thallium	0.10	0.12		0.130		8		6020/DOD
Vanadium	0.10	9.8		9.29		5		6020/DOD
Zinc	0.52	59		56.3		5	Q	6020/DOD
Potassium	10	950		826		14		6020/DOD
Selenium	0.52	0.38	J	0.290	J	26		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 076SB-0090M-0001-SO DU | Lab ID: 240-18544-7 DU

Lab Name: TestAmerica Pittsburgh | Job No.: 240-18544-1

SDG No.:

% Solids for Sample: | % Solids for Duplicate:

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.088	0.019	J	0.0207	J	10		6020/DOD
Aluminum	2.6	7700		8750		13		6020/DOD
Arsenic	0.088	13		13.6		3		6020/DOD
Barium	0.88	34		36.9		8	Q	6020/DOD
Beryllium	0.088	0.41		0.464		12		6020/DOD
Calcium	8.8	780		812		4		6020/DOD
Cadmium	0.088	0.15		0.151		2	Q	6020/DOD
Chromium	0.18	14		14.3		3		6020/DOD
Cobalt	0.044	7.0		7.30		4	Q	6020/DOD
Copper	0.18	16		15.8		2	Q	6020/DOD
Iron	4.4	24000		24000		0.5		6020/DOD
Magnesium	8.8	1900		2010		6		6020/DOD
Manganese	0.44	290		292		2	Q	6020/DOD
Sodium	8.8	24		28.4		19		6020/DOD
Nickel	0.088	17		17.1		2	Q	6020/DOD
Lead	0.088	16		20.9		24	J	6020/DOD
Antimony	0.18	0.11	J	0.119	J	4		6020/DOD
Thallium	0.088	0.14		0.133		4		6020/DOD
Vanadium	0.088	14		15.3		10		6020/DOD
Zinc	0.44	56		59.3		7	Q	6020/DOD
Potassium	8.8	820		989		19		6020/DOD
Selenium	0.44	0.46		0.369	J	22		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 076SB-0091M-0002-SO DU Lab ID: 240-18544-8DU

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.085			0.0236	J			6020/DOD
Aluminum	2.6			6500				6020/DOD
Arsenic	0.085			14.5				6020/DOD
Barium	0.85			32.8			Q	6020/DOD
Beryllium	0.085			0.439				6020/DOD
Calcium	8.5			987				6020/DOD
Cadmium	0.085			0.178			Q	6020/DOD
Chromium	0.17			14.4				6020/DOD
Cobalt	0.043			8.38			Q	6020/DOD
Copper	0.17			16.2			Q	6020/DOD
Iron	4.3			23300				6020/DOD
Magnesium	8.5			1900				6020/DOD
Manganese	0.43			408			Q	6020/DOD
Sodium	8.5			37.9				6020/DOD
Nickel	0.085			21.0			Q	6020/DOD
Lead	0.085			13.3				6020/DOD
Antimony	0.17			0.115	J			6020/DOD
Thallium	0.085			0.134				6020/DOD
Vanadium	0.085			12.4				6020/DOD
Zinc	0.43			58.2			Q	6020/DOD
Potassium	8.5			908				6020/DOD
Selenium	0.43			0.298	J			6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: 076SB-0100M-0001-SO DU Lab ID: 240-18544-19 DU

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	0.088	0.025	J	0.0229	J	9		6020/DOD
Aluminum	2.6	9700		9490		2		6020/DOD
Arsenic	0.088	15		14.5		1		6020/DOD
Barium	0.88	44		43.7		1	Q	6020/DOD
Beryllium	0.088	0.49		0.473		4		6020/DOD
Calcium	8.8	1200		1180		6		6020/DOD
Cadmium	0.088	0.15		0.163		9		6020/DOD
Chromium	0.18	20		21.7		10		6020/DOD
Cobalt	0.044	8.1		8.86		9	Q	6020/DOD
Copper	0.18	14		14.1		2	Q	6020/DOD
Iron	4.4	24000		22600		6		6020/DOD
Magnesium	8.8	2300		2260		4		6020/DOD
Manganese	0.44	340		359		6		6020/DOD
Sodium	8.8	31		29.7		6		6020/DOD
Nickel	0.088	20		21.4		6		6020/DOD
Lead	0.088	12		12.8		7		6020/DOD
Antimony	0.18	0.12	J	0.102	J	12		6020/DOD
Thallium	0.088	0.19		0.138		33		6020/DOD
Vanadium	0.088	17		16.3		5		6020/DOD
Zinc	0.44	50		51.9		4	Q	6020/DOD
Potassium	8.8	900		861		4		6020/DOD
Selenium	0.44	0.76		0.564		29	Q	6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-68388/2-A

Lab Name: TestAmerica Canton Job No.: 240-18544-1

Sample Matrix: Solid LCS Source: MTHGICVW_00447

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.833	0.820		98	80	120		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-68775/2-A

Lab Name: TestAmerica Canton Job No.: 240-18544-1

Sample Matrix: Solid LCS Source: MTHGICVW_00449

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.833	0.676		81	80	120		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-69021/2-A

Lab Name: TestAmerica Canton Job No.: 240-18544-1

Sample Matrix: Solid LCS Source: MTHGICVW_00450

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.833	0.815		98	80	120		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-69805/2-A

Lab Name: TestAmerica Canton Job No.: 240-18544-1

Sample Matrix: Solid LCS Source: MTHGICVW_00454

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.833	0.812		97	80	120		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 180-59175/2-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

Sample Matrix: Solid LCS Source: CANMSB_High_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	10.0	9.46		95	60	114		6020/DOD
Aluminum	1000	897		90	80	120		6020/DOD
Arsenic	100	84.8		85	73	110		6020/DOD
Barium	100	87.5		88	70	110	Q	6020/DOD
Beryllium	100	83.5		83	79	110		6020/DOD
Calcium	1000	987		99	80	120		6020/DOD
Cadmium	100	85.3		85	74	110	Q	6020/DOD
Chromium	100	91.0		91	70	110		6020/DOD
Cobalt	100	90.0		90	74	110	Q	6020/DOD
Copper	100	97.4		97	73	110	Q	6020/DOD
Iron	1000	981		98	80	120		6020/DOD
Magnesium	1000	920		92	80	120		6020/DOD
Manganese	100	97.5		98	80	120	Q	6020/DOD
Sodium	1000	904		90	80	120		6020/DOD
Nickel	100	96.0		96	75	110	Q	6020/DOD
Lead	100	87.9		88	75	110		6020/DOD
Antimony	10.0	8.23		82	68	113		6020/DOD
Thallium	25.0	22.6		91	71	110		6020/DOD
Vanadium	100	87.5		87	72	110		6020/DOD
Zinc	100	88.4		88	72	113	Q	6020/DOD
Potassium	1000	862		86	80	120		6020/DOD
Selenium	100	80.8		81	65	110		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 180-59179/2-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

Sample Matrix: Solid LCS Source: CANMSB_High_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	10.0	8.89		89	60	114		6020/DOD
Aluminum	1000	909		91	80	120		6020/DOD
Arsenic	100	84.0		84	73	110		6020/DOD
Barium	100	82.4		82	70	110	Q	6020/DOD
Beryllium	100	86.6		87	79	110		6020/DOD
Calcium	1000	991		99	80	120		6020/DOD
Cadmium	100	83.9		84	74	110	Q	6020/DOD
Chromium	100	89.1		89	70	110		6020/DOD
Cobalt	100	87.2		87	74	110	Q	6020/DOD
Copper	100	91.7		92	73	110	Q	6020/DOD
Iron	1000	965		97	80	120		6020/DOD
Magnesium	1000	919		92	80	120		6020/DOD
Manganese	100	95.5		96	80	120	Q	6020/DOD
Sodium	1000	884		88	80	120		6020/DOD
Nickel	100	90.6		91	75	110	Q	6020/DOD
Lead	100	85.2		85	75	110		6020/DOD
Antimony	10.0	8.26		83	68	113		6020/DOD
Thallium	25.0	21.3		85	71	110		6020/DOD
Vanadium	100	87.1		87	72	110		6020/DOD
Zinc	100	88.6		89	72	113	Q	6020/DOD
Potassium	1000	886		89	80	120		6020/DOD
Selenium	100	82.1		82	65	110		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 180-59183/2-A

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

Sample Matrix: Solid LCS Source: CANMSB_High_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Silver	10.0	9.48		95	60	114		6020/DOD
Aluminum	1000	918		92	80	120		6020/DOD
Arsenic	100	84.4		84	73	110		6020/DOD
Barium	100	88.5		88	70	110	Q	6020/DOD
Beryllium	100	83.9		84	79	110		6020/DOD
Calcium	1000	961		96	80	120		6020/DOD
Cadmium	100	87.4		87	74	110		6020/DOD
Chromium	100	93.9		94	70	110		6020/DOD
Cobalt	100	92.9		93	74	110	Q	6020/DOD
Copper	100	94.8		95	73	110	Q	6020/DOD
Iron	1000	966		97	80	120		6020/DOD
Magnesium	1000	938		94	80	120		6020/DOD
Manganese	100	96.5		97	80	120		6020/DOD
Sodium	1000	893		89	80	120		6020/DOD
Nickel	100	95.2		95	75	110		6020/DOD
Lead	100	89.7		90	75	110		6020/DOD
Antimony	10.0	8.35		84	68	113		6020/DOD
Thallium	25.0	22.2		89	71	110		6020/DOD
Vanadium	100	91.6		92	72	110		6020/DOD
Zinc	100	87.6		88	72	113	Q	6020/DOD
Potassium	1000	910		91	80	120		6020/DOD
Selenium	100	81.8		82	65	110	Q	6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-18544-1

SDG No:

Lab Name: TestAmerica Pittsburgh Job No: 240-18544-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.024	J	0.16	U	NC		6020/DOD
Aluminum	5400		5500		1.5	D	6020/DOD
Arsenic	11		10.8		4.7	D	6020/DOD
Barium	21		21.1		2.2	D Q	6020/DOD
Beryllium	0.40		0.397	J	1.8	D	6020/DOD
Calcium	1200		1230		3.3	D	6020/DOD
Cadmium	0.15		0.161	J	NC	D Q	6020/DOD
Chromium	9.2		9.18		0.56	D	6020/DOD
Cobalt	7.7		7.56		2.2	D Q	6020/DOD
Copper	15		15.4		1.1	D Q	6020/DOD
Iron	17000		17900		3.2	D	6020/DOD
Magnesium	1600		1700		4.1	D	6020/DOD
Manganese	270		269		1.3	D Q	6020/DOD
Sodium	32		35.7	J	NC	D	6020/DOD
Nickel	16		16.4		0.47	D Q	6020/DOD
Lead	11		10.3		3.0	D	6020/DOD
Antimony	0.069	J	0.52	U	NC		6020/DOD
Thallium	0.12		0.123	J	NC	D	6020/DOD
Vanadium	9.8		9.64		1.3	D	6020/DOD
Zinc	59		61.1		3.5	D Q	6020/DOD
Potassium	950		963		1.8	D	6020/DOD
Selenium	0.38	J	0.52	U	NC		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-18544-7

SDG No:

Lab Name: TestAmerica Pittsburgh Job No: 240-18544-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.019	J	0.13	U	NC		6020/DOD
Aluminum	7700		7660		0.66	D	6020/DOD
Arsenic	13		13.3		0.83	D	6020/DOD
Barium	34		33.3		1.6	D Q	6020/DOD
Beryllium	0.41		0.431	J	4.9	D	6020/DOD
Calcium	780		768		1.4	D	6020/DOD
Cadmium	0.15		0.121	J	NC	D Q	6020/DOD
Chromium	14		13.1		4.8	D	6020/DOD
Cobalt	7.0		6.67		5.3	D Q	6020/DOD
Copper	16		15.2		1.9	D Q	6020/DOD
Iron	24000		24000		0.20	D	6020/DOD
Magnesium	1900		1880		0.09	D	6020/DOD
Manganese	290		278		3.3	D Q	6020/DOD
Sodium	24		22.3	J	NC	D	6020/DOD
Nickel	17		16.3		2.5	D Q	6020/DOD
Lead	16		15.6		5.0	D	6020/DOD
Antimony	0.11	J	0.44	U	NC		6020/DOD
Thallium	0.14		0.132	J	NC	D	6020/DOD
Vanadium	14		13.1		5.0	D	6020/DOD
Zinc	56		60.4		8.7	D Q	6020/DOD
Potassium	820		804		2.0	D	6020/DOD
Selenium	0.46		0.44	U	NC		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-18544-8

SDG No:

Lab Name: TestAmerica Pittsburgh Job No: 240-18544-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.023	J	0.13	U	NC		6020/DOD
Aluminum	5900		5950		1.5	D	6020/DOD
Arsenic	14		14.5		2.4	D	6020/DOD
Barium	32		31.4		0.51	D Q	6020/DOD
Beryllium	0.43		0.444		4.2	D	6020/DOD
Calcium	1000		1020		1.7	D	6020/DOD
Cadmium	0.18		0.155	J	NC	D Q	6020/DOD
Chromium	14		13.4		3.2	D	6020/DOD
Cobalt	8.4		8.07		3.8	D Q	6020/DOD
Copper	16		15.8		0.35	D Q	6020/DOD
Iron	24000		25100		3.3	D	6020/DOD
Magnesium	1800		1860		1.1	D	6020/DOD
Manganese	410		411		0.69	D Q	6020/DOD
Sodium	36		34.9	J	NC	D	6020/DOD
Nickel	21		20.6		1.5	D Q	6020/DOD
Lead	13		12.9		3.1	D	6020/DOD
Antimony	0.11	J	0.43	U	NC		6020/DOD
Thallium	0.13		0.131	J	NC	D	6020/DOD
Vanadium	12		11.3		4.0	D	6020/DOD
Zinc	57		63.8		11	D Q V	6020/DOD
Potassium	780		780		0.35	D	6020/DOD
Selenium	0.32	J	0.43	U	NC		6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 240-18544-19

SDG No:

Lab Name: TestAmerica Pittsburgh Job No: 240-18544-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.025	J	0.13	U	NC		6020/DOD
Aluminum	9700		10200		4.6	D	6020/DOD
Arsenic	15		14.4		1.8	D	6020/DOD
Barium	44		44.8		0.87	D Q	6020/DOD
Beryllium	0.49		0.528		7.0	D	6020/DOD
Calcium	1200		1290		3.6	D	6020/DOD
Cadmium	0.15		0.184	J	NC	D	6020/DOD
Chromium	20		19.4		0.99	D	6020/DOD
Cobalt	8.1		7.85		2.9	D Q	6020/DOD
Copper	14		13.7		0.92	D Q	6020/DOD
Iron	24000		24800		3.3	D	6020/DOD
Magnesium	2300		2400		2.7	D	6020/DOD
Manganese	340		339		0.26	D	6020/DOD
Sodium	31		30.5	J	NC	D	6020/DOD
Nickel	20		20.1		0.33	D	6020/DOD
Lead	12		11.3		5.6	D	6020/DOD
Antimony	0.12	J	0.44	U	NC		6020/DOD
Thallium	0.19		0.184	J	NC	D	6020/DOD
Vanadium	17		16.8		2.0	D	6020/DOD
Zinc	50		53.5		7.1	D Q	6020/DOD
Potassium	900		934		4.3	D	6020/DOD
Selenium	0.76		0.44	U	NC	Q	6020/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-18544-1

SDG Number:

Matrix: Solid Instrument ID: H4

Method: 7471/DOD DL Date: 02/16/2010 09:46

Prep Method: 7471A

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Mercury	253.7	0.1	0.014

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-18544-1

SDG Number:

Matrix: Solid Instrument ID: H4

Method: 7471/DOD XMDL Date: 02/16/2010 09:47

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-18544-1

SDG Number:

Matrix: Solid Instrument ID: H4

Method: 7471/DOD DL Date: 02/16/2010 09:46

Prep Method: 7471A

Leach Method: Increment, Prep

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Mercury	253.7	0.1	0.014

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-18544-1

SDG Number:

Matrix: Solid Instrument ID: H4

Method: 7471/DOD XMDL Date: 02/16/2010 09:47

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury	253.7	0.2	0.12

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-18544-1

SDG Number:

Matrix: Solid Instrument ID: M

Method: 6020/DOD DL Date: 01/26/2010 16:34

Prep Method: 3050B

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Aluminum	27	3	0.2849
Antimony	121	0.2	0.0459
Arsenic	75	0.1	0.0181
Barium	137	1	0.0107
Beryllium	9	0.1	0.0075
Cadmium	111	0.1	0.0132
Calcium	44	10	1.326
Chromium	52	0.2	0.0223
Cobalt	59	0.05	0.0024
Copper	65	0.2	0.033
Iron	56	5	1.077
Lead	208	0.1	0.0154
Magnesium	26	10	1.079
Manganese	55	0.5	0.0159
Nickel	60	0.1	0.0113
Potassium	39	10	3.155
Selenium	82	0.5	0.0509
Silver	107	0.1	0.0114
Sodium	23	10	2.658
Thallium	205	0.1	0.0102
Vanadium	51	0.1	0.0299
Zinc	66	0.5	0.0648

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Pittsburgh Job Number: 240-18544-1

SDG Number:

Matrix: Solid Instrument ID: M

Method: 6020/DOD XMDL Date: 01/26/2010 16:34

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum	27	30	2.5662
Antimony	121	2	0.459
Arsenic	75	1	0.2908
Barium	137	10	0.098
Beryllium	9	1	0.0451
Cadmium	111	1	0.132
Calcium	44	100	9.357
Chromium	52	2	0.5433
Cobalt	59	0.5	0.0263
Copper	65	2	0.2443
Iron	56	50	10.77
Lead	208	1	0.154
Magnesium	26	100	10.8
Manganese	55	5	0.159
Nickel	60	1	0.1749
Potassium	39	100	31.6
Selenium	82	5	0.509
Silver	107	1	0.114
Sodium	23	100	26.8
Thallium	205	1	0.102
Vanadium	51	1	0.299
Zinc	66	5	0.9609

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Canton Job No: 240-18544-1

SDG No.:

Instrument ID: H4 Date: 04/01/2011 10:50

Analyte	Integ. Time (Sec.)	Concentration (ppb)	Method
Mercury		10	7471/DOD

FORM XI - IN

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Pittsburgh Job No: 240-18544-1

SDG No.:

Instrument ID: M Date: 03/14/2011 22:35

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Silver		2500	6020/DOD
Aluminum		450000	6020/DOD
Arsenic		4500	6020/DOD
Barium		13500	6020/DOD
Beryllium		9000	6020/DOD
Calcium		1500000	6020/DOD
Cadmium		13500	6020/DOD
Chromium		13500	6020/DOD
Cobalt		13500	6020/DOD
Copper		20000	6020/DOD
Iron		450000	6020/DOD
Magnesium		1500000	6020/DOD
Manganese		25000	6020/DOD
Sodium		450000	6020/DOD
Nickel		13500	6020/DOD
Lead		20000	6020/DOD
Antimony		13500	6020/DOD
Thallium		13500	6020/DOD
Vanadium		13500	6020/DOD
Zinc		25000	6020/DOD
Potassium		450000	6020/DOD
Selenium		4500	6020/DOD

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-68388/1-A	12/12/2012 15:05	68388	0.60		100
LCS 240-68388/2-A	12/12/2012 15:05	68388	0.60		100
240-18544-1	12/12/2012 15:05	68388	0.55		100
240-18544-1 DU	12/12/2012 15:05	68388	0.55		100
240-18544-1 MS	12/12/2012 15:05	68388	0.55		100
240-18544-2	12/12/2012 15:05	68388	0.55		100
240-18544-3	12/12/2012 15:05	68388	0.54		100
240-18544-4	12/12/2012 15:05	68388	0.58		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-68775/1-A	12/14/2012 14:40	68775	0.60		100
LCS 240-68775/2-A	12/14/2012 14:40	68775	0.60		100
240-18544-7	12/14/2012 14:40	68775	0.63		100
240-18544-7 DU	12/14/2012 14:40	68775	0.63		100
240-18544-7 MS	12/14/2012 14:40	68775	0.63		100
240-18544-8	12/14/2012 14:40	68775	0.56		100
240-18544-8 DU	12/14/2012 14:40	68775	0.56		100
240-18544-8 MS	12/14/2012 14:40	68775	0.56		100
240-18544-10	12/14/2012 14:40	68775	0.51		100
240-18544-11	12/14/2012 14:40	68775	0.59		100
240-18544-12	12/14/2012 14:40	68775	0.59		100
240-18544-13	12/14/2012 14:40	68775	0.62		100
240-18544-14	12/14/2012 14:40	68775	0.61		100
240-18544-15	12/14/2012 14:40	68775	0.67		100
240-18544-16	12/14/2012 14:40	68775	0.56		100
240-18544-17	12/14/2012 14:40	68775	0.67		100
240-18544-20	12/14/2012 14:40	68775	0.64		100
240-18544-21	12/14/2012 14:40	68775	0.65		100
240-18544-22	12/14/2012 14:40	68775	0.59		100
240-18544-23	12/14/2012 14:40	68775	0.62		100
240-18544-24	12/14/2012 14:40	68775	0.67		100
240-18544-25	12/14/2012 14:40	68775	0.53		100
240-18544-6	12/14/2012 14:40	68775	0.59		100
240-18544-18	12/14/2012 14:40	68775	0.53		100
240-18544-5	12/14/2012 14:40	68775	0.68		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-69021/1-A	12/17/2012 15:15	69021	0.60		100
LCS 240-69021/2-A	12/17/2012 15:15	69021	0.60		100
240-18544-19	12/17/2012 15:15	69021	0.53		100
240-18544-19 DU	12/17/2012 15:15	69021	0.53		100
240-18544-19 MS	12/17/2012 15:15	69021	0.53		100
240-18544-26	12/17/2012 15:15	69021	0.67		100
240-18544-27	12/17/2012 15:15	69021	0.56		100
240-18544-28	12/17/2012 15:15	69021	0.70		100
240-18544-29	12/17/2012 15:15	69021	0.62		100
240-18544-30	12/17/2012 15:15	69021	0.66		100
240-18544-31	12/17/2012 15:15	69021	0.64		100
240-18544-32	12/17/2012 15:15	69021	0.51		100
240-18544-33	12/17/2012 15:15	69021	0.67		100
240-18544-34	12/17/2012 15:15	69021	0.51		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-69805/1-A	12/21/2012 14:10	69805	0.60		100
LCS 240-69805/2-A	12/21/2012 14:10	69805	0.60		100
240-18544-38	12/21/2012 14:10	69805	0.54		100
240-18544-38 DU	12/21/2012 14:10	69805	0.54		100
240-18544-38 MS	12/21/2012 14:10	69805	0.54		100
240-18544-39	12/21/2012 14:10	69805	0.54		100
240-18544-40	12/21/2012 14:10	69805	0.53		100
240-18544-41	12/21/2012 14:10	69805	0.62		100
240-18544-42	12/21/2012 14:10	69805	0.68		100
240-18544-43	12/21/2012 14:10	69805	0.56		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 180-59175/1-A	12/12/2012 12:22	59175	1.00		100
LCS 180-59175/2-A	12/12/2012 12:22	59175	1.00		100
240-18544-1	12/12/2012 12:22	59175	1.09		100
240-18544-2	12/12/2012 12:22	59175	1.24		100
240-18544-3	12/12/2012 12:22	59175	1.07		100
240-18544-4	12/12/2012 12:22	59175	1.10		100
240-18544-5	12/12/2012 12:22	59175	1.28		100
240-18544-1 DU	12/29/2012 08:54	59175	1.09		100
240-18544-1 MS	12/29/2012 08:54	59175	1.09		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 180-59179/1-A	12/14/2012 11:44	59179	1.00		100
LCS 180-59179/2-A	12/14/2012 11:44	59179	1.00		100
240-18544-7	12/14/2012 11:44	59179	1.14		100
240-18544-8	12/14/2012 11:44	59179	1.17		100
240-18544-10	12/14/2012 11:44	59179	1.34		100
240-18544-11	12/14/2012 11:44	59179	1.30		100
240-18544-12	12/14/2012 11:44	59179	1.12		100
240-18544-13	12/14/2012 11:44	59179	1.44		100
240-18544-14	12/14/2012 11:44	59179	1.42		100
240-18544-15	12/14/2012 11:44	59179	1.24		100
240-18544-16	12/14/2012 11:44	59179	1.05		100
240-18544-17	12/14/2012 11:44	59179	1.10		100
240-18544-20	12/14/2012 11:44	59179	1.05		100
240-18544-21	12/14/2012 11:44	59179	1.32		100
240-18544-22	12/14/2012 11:44	59179	1.48		100
240-18544-23	12/14/2012 11:44	59179	1.18		100
240-18544-24	12/14/2012 11:44	59179	1.30		100
240-18544-25	12/14/2012 11:44	59179	1.26		100
240-18544-6	12/14/2012 11:44	59179	1.21		100
240-18544-18	12/14/2012 11:44	59179	1.10		100
240-18544-7 DU	12/29/2012 08:59	59179	1.14		100
240-18544-7 MS	12/29/2012 08:59	59179	1.14		100
240-18544-8DU	12/29/2012 08:59	59179	1.17		100
240-18544-8 MS	12/29/2012 08:59	59179	1.17		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 180-59183/1-A	12/17/2012 12:42	59183	1.00		100
LCS 180-59183/2-A	12/17/2012 12:42	59183	1.00		100
240-18544-19	12/17/2012 12:42	59183	1.14		100
240-18544-26	12/17/2012 12:42	59183	1.35		100
240-18544-27	12/17/2012 12:42	59183	1.10		100
240-18544-28	12/17/2012 12:42	59183	1.13		100
240-18544-29	12/17/2012 12:42	59183	1.16		100
240-18544-30	12/17/2012 12:42	59183	1.14		100
240-18544-31	12/17/2012 12:42	59183	1.00		100
240-18544-32	12/17/2012 12:42	59183	1.18		100
240-18544-33	12/17/2012 12:42	59183	1.10		100
240-18544-34	12/17/2012 12:42	59183	1.15		100
240-18544-19 DU	12/29/2012 09:02	59183	1.14		100
240-18544-19 MS	12/29/2012 09:02	59183	1.14		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/13/2012 09:11 End Date: 12/13/2012 21:32

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 240-68319/1-A			09:11	X																			
IC 240-68319/2-A			09:13	X																			
IC 240-68319/3-A			09:15	X																			
IC 240-68319/4-A			09:17	X																			
IC 240-68319/5-A			09:19	X																			
IC 240-68319/6-A			09:21	X																			
ICV 240-68319/7-A	1		09:23	X																			
ICB 240-68319/8-A	1		09:25	X																			
CRA 240-68319/9-A	1		09:27	X																			
CCV 240-68319/10-A			11:09																				
CCB 240-68319/11-A			11:11																				
ZZZZZZ			11:13																				
ZZZZZZ			11:15																				
ZZZZZZ			11:17																				
ZZZZZZ			11:19																				
ZZZZZZ			11:21																				
ZZZZZZ			11:23																				
ZZZZZZ			11:25																				
ZZZZZZ			11:27																				
ZZZZZZ			11:29																				
ZZZZZZ			11:31																				
CCV 240-68319/10-A			11:33																				
CCB 240-68319/11-A			11:35																				
ZZZZZZ			11:37																				
ZZZZZZ			11:39																				
ZZZZZZ			11:41																				
ZZZZZZ			11:43																				
ZZZZZZ			11:45																				
ZZZZZZ			11:47																				
ZZZZZZ			11:49																				
ZZZZZZ			11:51																				
ZZZZZZ			11:53																				
ZZZZZZ			11:55																				
CCV 240-68319/10-A			11:57																				
CCB 240-68319/11-A			11:59																				
ZZZZZZ			12:02																				
ZZZZZZ			12:04																				
ZZZZZZ			12:06																				
ZZZZZZ			12:08																				
ZZZZZZ			12:11																				
ZZZZZZ			12:12																				
ZZZZZZ			12:14																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/13/2012 09:11 End Date: 12/13/2012 21:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			12:17																				
ZZZZZZ			12:19																				
ZZZZZZ			12:21																				
CCV 240-68319/10-A			12:23																				
CCB 240-68319/11-A			12:25																				
ZZZZZZ			12:27																				
ZZZZZZ			12:29																				
ZZZZZZ			12:31																				
ZZZZZZ			12:33																				
ZZZZZZ			12:36																				
ZZZZZZ			12:38																				
ZZZZZZ			12:40																				
ZZZZZZ			12:42																				
ZZZZZZ			12:44																				
ZZZZZZ			12:46																				
CCV 240-68319/10-A			12:48																				
CCB 240-68319/11-A			12:50																				
ZZZZZZ			12:52																				
ZZZZZZ			12:54																				
ZZZZZZ			12:56																				
ZZZZZZ			12:59																				
ZZZZZZ			13:01																				
ZZZZZZ			13:02																				
ZZZZZZ			13:04																				
ZZZZZZ			13:06																				
ZZZZZZ			13:08																				
ZZZZZZ			13:10																				
CCV 240-68319/10-A			13:12																				
CCB 240-68319/11-A			13:14																				
ZZZZZZ			13:16																				
ZZZZZZ			13:19																				
ZZZZZZ			13:21																				
ZZZZZZ			13:23																				
ZZZZZZ			13:25																				
ZZZZZZ			13:27																				
ZZZZZZ			13:29																				
ZZZZZZ			13:31																				
ZZZZZZ			13:33																				
ZZZZZZ			13:35																				
CCV 240-68319/10-A			13:37																				
CCB 240-68319/11-A			13:38																				
ZZZZZZ			13:41																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/13/2012 09:11 End Date: 12/13/2012 21:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			13:43																				
ZZZZZZ			13:45																				
ZZZZZZ			13:47																				
ZZZZZZ			13:49																				
ZZZZZZ			13:51																				
ZZZZZZ			13:52																				
ZZZZZZ			13:55																				
ZZZZZZ			13:57																				
ZZZZZZ			13:59																				
CCV 240-68319/10-A			14:01																				
CCB 240-68319/11-A			14:02																				
ZZZZZZ			14:04																				
ZZZZZZ			14:06																				
ZZZZZZ			14:08																				
ZZZZZZ			14:10																				
ZZZZZZ			14:12																				
ZZZZZZ			14:14																				
ZZZZZZ			14:16																				
ZZZZZZ			14:18																				
ZZZZZZ			14:20																				
ZZZZZZ			14:23																				
CCV 240-68319/10-A			14:24																				
CCB 240-68319/11-A			14:26																				
ZZZZZZ			14:28																				
ZZZZZZ			14:31																				
ZZZZZZ			14:33																				
ZZZZZZ			14:34																				
ZZZZZZ			14:37																				
ZZZZZZ			14:39																				
ZZZZZZ			14:41																				
CCV 240-68319/10-A			14:49																				
CCB 240-68319/11-A			14:51																				
ZZZZZZ			14:53																				
ZZZZZZ			14:54																				
ZZZZZZ			14:56																				
ZZZZZZ			14:58																				
ZZZZZZ			15:01																				
ZZZZZZ			15:03																				
ZZZZZZ			15:05																				
ZZZZZZ			15:07																				
ZZZZZZ			15:09																				
ZZZZZZ			15:11																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/13/2012 09:11 End Date: 12/13/2012 21:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
CCV 240-68319/10-A			15:13																				
CCB 240-68319/11-A			15:15																				
ZZZZZZ			15:17																				
ZZZZZZ			15:18																				
ZZZZZZ			15:20																				
ZZZZZZ			15:22																				
ZZZZZZ			15:24																				
ZZZZZZ			15:27																				
ZZZZZZ			15:29																				
ZZZZZZ			15:30																				
ZZZZZZ			15:32																				
ZZZZZZ			15:35																				
CCV 240-68319/10-A			15:38																				
CCB 240-68319/11-A			15:40																				
ZZZZZZ			15:42																				
ZZZZZZ			15:44																				
ZZZZZZ			15:46																				
ZZZZZZ			15:48																				
ZZZZZZ			15:50																				
ZZZZZZ			15:53																				
ZZZZZZ			15:55																				
ZZZZZZ			15:57																				
ZZZZZZ			15:59																				
ZZZZZZ			16:01																				
CCV 240-68319/10-A			16:06																				
CCB 240-68319/11-A			16:08																				
ZZZZZZ			16:11																				
ZZZZZZ			16:13																				
ZZZZZZ			16:15																				
ZZZZZZ			16:18																				
ZZZZZZ			16:20																				
ZZZZZZ			16:22																				
ZZZZZZ			16:24																				
ZZZZZZ			16:26																				
ZZZZZZ			16:29																				
ZZZZZZ			16:32																				
CCV 240-68319/10-A			16:34																				
CCB 240-68319/11-A			16:36																				
ZZZZZZ			16:38																				
ZZZZZZ			16:41																				
ZZZZZZ			16:43																				
ZZZZZZ			16:45																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/13/2012 09:11 End Date: 12/13/2012 21:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			16:47																				
ZZZZZZ			16:49																				
ZZZZZZ			16:50																				
ZZZZZZ			16:53																				
ZZZZZZ			16:55																				
ZZZZZZ			16:57																				
CCV 240-68319/10-A			16:59																				
CCB 240-68319/11-A			17:01																				
ZZZZZZ			17:03																				
ZZZZZZ			17:05																				
ZZZZZZ			17:07																				
ZZZZZZ			17:09																				
ZZZZZZ			17:11																				
ZZZZZZ			17:13																				
ZZZZZZ			17:15																				
ZZZZZZ			17:17																				
ZZZZZZ			17:19																				
ZZZZZZ			17:21																				
CCV 240-68319/10-A			17:24																				
CCB 240-68319/11-A			17:25																				
ZZZZZZ			17:28																				
ZZZZZZ			17:30																				
ZZZZZZ			17:32																				
ZZZZZZ			17:34																				
ZZZZZZ			17:36																				
ZZZZZZ			17:38																				
ZZZZZZ			17:40																				
ZZZZZZ			17:41																				
ZZZZZZ			17:43																				
ZZZZZZ			17:45																				
CCV 240-68319/10-A			17:47																				
CCB 240-68319/11-A			17:49																				
ZZZZZZ			17:51																				
CCV 240-68319/10-A			17:54																				
CCB 240-68319/11-A			17:56																				
ZZZZZZ			17:58																				
ZZZZZZ			18:00																				
ZZZZZZ			18:03																				
ZZZZZZ			18:05																				
ZZZZZZ			18:07																				
ZZZZZZ			18:09																				
ZZZZZZ			18:11																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/13/2012 09:11 End Date: 12/13/2012 21:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			18:13																				
ZZZZZZ			18:14																				
ZZZZZZ			18:16																				
CCV 240-68319/10-A			18:18																				
CCB 240-68319/11-A			18:21																				
ZZZZZZ			18:23																				
ZZZZZZ			18:25																				
ZZZZZZ			18:28																				
ZZZZZZ			18:29																				
ZZZZZZ			18:31																				
ZZZZZZ			18:33																				
ZZZZZZ			18:35																				
ZZZZZZ			18:38																				
ZZZZZZ			18:40																				
ZZZZZZ			18:42																				
CCV 240-68319/10-A			18:44																				
CCB 240-68319/11-A			18:46																				
ZZZZZZ			18:48																				
ZZZZZZ			18:50																				
ZZZZZZ			18:52																				
ZZZZZZ			18:54																				
ZZZZZZ			18:56																				
ZZZZZZ			18:58																				
ZZZZZZ			19:00																				
ZZZZZZ			19:02																				
ZZZZZZ			19:04																				
ZZZZZZ			19:06																				
CCV 240-68319/10-A			19:08																				
CCB 240-68319/11-A			19:09																				
ZZZZZZ			19:11																				
ZZZZZZ			19:14																				
ZZZZZZ			19:15																				
ZZZZZZ			19:17																				
ZZZZZZ			19:19																				
ZZZZZZ			19:21																				
ZZZZZZ			19:23																				
ZZZZZZ			19:25																				
ZZZZZZ			19:27																				
ZZZZZZ			19:29																				
CCV 240-68319/10-A			19:31																				
CCB 240-68319/11-A			19:33																				
ZZZZZZ			19:35																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/13/2012 09:11 End Date: 12/13/2012 21:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			19:37																				
ZZZZZZ			19:40																				
ZZZZZZ			19:42																				
ZZZZZZ			19:44																				
ZZZZZZ			19:46																				
ZZZZZZ			19:48																				
ZZZZZZ			19:50																				
ZZZZZZ			19:53																				
ZZZZZZ			19:55																				
CCV 240-68319/10-A			19:57																				
CCB 240-68319/11-A			19:59																				
ZZZZZZ			20:01																				
ZZZZZZ			20:03																				
ZZZZZZ			20:05																				
ZZZZZZ			20:07																				
ZZZZZZ			20:09																				
ZZZZZZ			20:11																				
ZZZZZZ			20:13																				
ZZZZZZ			20:15																				
ZZZZZZ			20:17																				
ZZZZZZ			20:19																				
CCV 240-68319/10-A	1		20:21	X																			
CCB 240-68319/11-A	1		20:23	X																			
ZZZZZZ			20:25																				
MB 240-68388/1-A	1	T	20:28	X																			
LCS 240-68388/2-A	1	T	20:29	X																			
ZZZZZZ			20:31																				
ZZZZZZ			20:33																				
ZZZZZZ			20:36																				
240-18544-1	1	T	20:38	X																			
240-18544-1 DU	1	T	20:39	X																			
240-18544-1 MS	1	T	20:42	X																			
ZZZZZZ			20:44																				
CCV 240-68319/10-A	1		20:46	X																			
CCB 240-68319/11-A	1		20:48	X																			
ZZZZZZ			20:50																				
240-18544-2	1	T	20:52	X																			
240-18544-4	1	T	20:54	X																			
ZZZZZZ			20:56																				
ZZZZZZ			20:58																				
ZZZZZZ			21:01																				
ZZZZZZ			21:02																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/13/2012 09:11 End Date: 12/13/2012 21:32

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			21:04																				
ZZZZZZ			21:06																				
ZZZZZZ			21:08																				
CCV 240-68319/10-A	1		21:10	X																			
CCB 240-68319/11-A	1		21:12	X																			
ZZZZZZ			21:14																				
ZZZZZZ			21:16																				
ZZZZZZ			21:17																				
ZZZZZZ			21:19																				
ZZZZZZ			21:22																				
240-18544-3	1	T	21:24	X																			
ZZZZZZ			21:26																				
CRA 240-68319/9-A	1		21:28	X																			
CCV 240-68319/10-A	1		21:30	X																			
CCB 240-68319/11-A	1		21:32	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/17/2012 13:41 End Date: 12/17/2012 17:47

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 240-69001/1-A			13:41	X																			
IC 240-69001/2-A			13:43	X																			
IC 240-69001/3-A			13:45	X																			
IC 240-69001/4-A			13:47	X																			
IC 240-69001/5-A			13:49	X																			
IC 240-69001/6-A			13:51	X																			
ICV 240-69001/7-A	1		13:53	X																			
ICB 240-69001/8-A	1		13:55	X																			
CRA 240-69001/9-A	1		13:58	X																			
CCV 240-69001/10-A	1		16:41	X																			
CCB 240-69001/11-A	1		16:43	X																			
MB 240-68775/1-A	1	T	16:44	X																			
LCS 240-68775/2-A	1	T	16:47	X																			
240-18544-7	1	T	16:49	X																			
240-18544-7 DU	1	T	16:51	X																			
240-18544-7 MS	1	T	16:53	X																			
240-18544-8	1	T	16:55	X																			
240-18544-8 DU	1	T	16:57	X																			
240-18544-8 MS	1	T	16:59	X																			
240-18544-25	1	T	17:01	X																			
240-18544-16	1	T	17:03	X																			
CCV 240-69001/10-A	1		17:04	X																			
CCB 240-69001/11-A	1		17:06	X																			
240-18544-21	1	T	17:08	X																			
240-18544-12	1	T	17:10	X																			
240-18544-5	1	T	17:12	X																			
240-18544-13	1	T	17:14	X																			
240-18544-18	1	T	17:16	X																			
240-18544-6	1	T	17:18	X																			
240-18544-22	1	T	17:20	X																			
240-18544-23	1	T	17:22	X																			
240-18544-17	1	T	17:24	X																			
240-18544-15	1	T	17:26	X																			
CCV 240-69001/10-A	1		17:28	X																			
CCB 240-69001/11-A	1		17:30	X																			
240-18544-14	1	T	17:32	X																			
240-18544-10	1	T	17:34	X																			
240-18544-24	1	T	17:36	X																			
240-18544-20	1	T	17:38	X																			
240-18544-11	1	T	17:40	X																			
CRA 240-69001/9-A	1		17:42	X																			
CCV 240-69001/10-A	1		17:44	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/17/2012 13:41 End Date: 12/17/2012 17:47

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
CCB 240-69001/11-A	1		17:47	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/18/2012 09:15 End Date: 12/18/2012 18:25

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 240-69001/1-A			09:15	X																			
IC 240-69001/2-A			09:18	X																			
IC 240-69001/3-A			09:19	X																			
IC 240-69001/4-A			09:23	X																			
IC 240-69001/5-A			09:25	X																			
IC 240-69001/6-A			09:27	X																			
ICV 240-69001/7-A	1		09:31	X																			
ICB 240-69001/8-A	1		09:34	X																			
CRA 240-69001/9-A	1		09:36	X																			
CCV 240-69001/10-A			10:19																				
CCB 240-69001/11-A			10:21																				
ZZZZZZ			10:23																				
ZZZZZZ			10:25																				
ZZZZZZ			10:27																				
ZZZZZZ			10:29																				
ZZZZZZ			10:31																				
ZZZZZZ			10:33																				
ZZZZZZ			10:35																				
ZZZZZZ			10:37																				
ZZZZZZ			10:39																				
ZZZZZZ			10:41																				
CCV 240-69001/10-A			10:43																				
CCB 240-69001/11-A			10:45																				
ZZZZZZ			10:47																				
ZZZZZZ			10:49																				
ZZZZZZ			10:51																				
ZZZZZZ			10:53																				
ZZZZZZ			10:55																				
ZZZZZZ			10:57																				
ZZZZZZ			10:59																				
ZZZZZZ			11:01																				
ZZZZZZ			11:03																				
ZZZZZZ			11:05																				
CCV 240-69001/10-A	1		11:07	X																			
CCB 240-69001/11-A	1		11:09	X																			
ZZZZZZ			11:11																				
ZZZZZZ			11:12																				
ZZZZZZ			11:14																				
MB 240-69021/1-A	1	T	11:17	X																			
LCS 240-69021/2-A	1	T	11:19	X																			
240-18544-19	1	T	11:22	X																			
240-18544-19 DU	1	T	11:24	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/18/2012 09:15 End Date: 12/18/2012 18:25

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
240-18544-19 MS	1	T	11:26	X																			
ZZZZZZ			11:27																				
ZZZZZZ			11:29																				
CCV 240-69001/10-A	1		11:31	X																			
CCB 240-69001/11-A	1		11:33	X																			
240-18544-31	1	T	11:35	X																			
ZZZZZZ			11:37																				
240-18544-26	1	T	11:39	X																			
240-18544-27	1	T	11:41	X																			
ZZZZZZ			11:43																				
ZZZZZZ			11:45																				
ZZZZZZ			11:47																				
240-18544-29	1	T	11:49	X																			
ZZZZZZ			11:51																				
240-18544-32	1	T	11:53	X																			
CCV 240-69001/10-A	1		11:55	X																			
CCB 240-69001/11-A	1		11:57	X																			
240-18544-28	1	T	11:59	X																			
ZZZZZZ			12:01																				
ZZZZZZ			12:03																				
240-18544-34	1	T	12:05	X																			
ZZZZZZ			12:07																				
240-18544-33	1	T	12:09	X																			
240-18544-30	1	T	12:11	X																			
CRA 240-69001/9-A	1		12:13	X																			
ZZZZZZ			12:15																				
ZZZZZZ			12:18																				
CCV 240-69001/10-A	1		12:19	X																			
CCB 240-69001/11-A	1		12:21	X																			
ZZZZZZ			12:24																				
ZZZZZZ			12:26																				
ZZZZZZ			12:28																				
ZZZZZZ			12:30																				
CCV 240-69001/10-A			12:32																				
CCB 240-69001/11-A			12:34																				
CCV 240-69001/10-A			14:29																				
CCB 240-69001/11-A			14:31																				
ZZZZZZ			14:33																				
ZZZZZZ			14:35																				
ZZZZZZ			14:37																				
ZZZZZZ			14:39																				
ZZZZZZ			14:41																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/18/2012 09:15 End Date: 12/18/2012 18:25

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			14:42																				
ZZZZZZ			14:44																				
ZZZZZZ			14:46																				
ZZZZZZ			14:48																				
ZZZZZZ			14:51																				
CCV 240-69001/10-A			14:53																				
CCB 240-69001/11-A			14:55																				
ZZZZZZ			14:57																				
ZZZZZZ			14:59																				
ZZZZZZ			15:01																				
ZZZZZZ			15:03																				
ZZZZZZ			15:05																				
ZZZZZZ			15:07																				
ZZZZZZ			15:10																				
ZZZZZZ			15:11																				
ZZZZZZ			15:14																				
ZZZZZZ			15:16																				
CCV 240-69001/10-A			15:17																				
CCB 240-69001/11-A			15:20																				
ZZZZZZ			15:23																				
ZZZZZZ			15:25																				
ZZZZZZ			15:27																				
ZZZZZZ			15:30																				
ZZZZZZ			15:32																				
ZZZZZZ			15:35																				
ZZZZZZ			15:37																				
ZZZZZZ			15:39																				
ZZZZZZ			15:40																				
ZZZZZZ			15:42																				
CCV 240-69001/10-A			15:44																				
CCB 240-69001/11-A			15:46																				
ZZZZZZ			15:48																				
ZZZZZZ			15:50																				
ZZZZZZ			15:52																				
ZZZZZZ			15:54																				
ZZZZZZ			15:55																				
ZZZZZZ			15:58																				
ZZZZZZ			16:00																				
ZZZZZZ			16:02																				
ZZZZZZ			16:04																				
ZZZZZZ			16:06																				
CCV 240-69001/10-A			16:09																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/18/2012 09:15 End Date: 12/18/2012 18:25

Lab Sample ID	D / F	Type	Time	Analytes																				
				Hg																				
CCB 240-69001/11-A			16:11																					
ZZZZZZ			16:12																					
ZZZZZZ			16:14																					
ZZZZZZ			16:16																					
ZZZZZZ			16:20																					
ZZZZZZ			16:22																					
ZZZZZZ			16:23																					
ZZZZZZ			16:26																					
ZZZZZZ			16:28																					
ZZZZZZ			16:30																					
ZZZZZZ			16:32																					
CCV 240-69001/10-A			16:34																					
CCB 240-69001/11-A			16:36																					
CCV 240-69001/10-A			16:42																					
CCB 240-69001/11-A			16:44																					
ZZZZZZ			16:46																					
ZZZZZZ			16:48																					
ZZZZZZ			16:50																					
ZZZZZZ			16:52																					
CCV 240-69001/10-A			16:59																					
CCB 240-69001/11-A			17:01																					
ZZZZZZ			17:04																					
ZZZZZZ			17:07																					
ZZZZZZ			17:09																					
ZZZZZZ			17:10																					
ZZZZZZ			17:12																					
ZZZZZZ			17:14																					
ZZZZZZ			17:16																					
ZZZZZZ			17:18																					
ZZZZZZ			17:20																					
ZZZZZZ			17:22																					
CCV 240-69001/10-A			17:25																					
CCB 240-69001/11-A			17:27																					
ZZZZZZ			17:29																					
ZZZZZZ			17:31																					
ZZZZZZ			17:33																					
ZZZZZZ			17:36																					
ZZZZZZ			17:38																					
ZZZZZZ			17:40																					
ZZZZZZ			17:42																					
ZZZZZZ			17:44																					
ZZZZZZ			17:46																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/18/2012 09:15 End Date: 12/18/2012 18:25

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			17:48																				
CCV 240-69001/10-A			17:51																				
CCB 240-69001/11-A			17:53																				
ZZZZZZ			17:55																				
ZZZZZZ			17:57																				
ZZZZZZ			17:59																				
ZZZZZZ			18:01																				
ZZZZZZ			18:03																				
ZZZZZZ			18:05																				
ZZZZZZ			18:08																				
ZZZZZZ			18:10																				
ZZZZZZ			18:12																				
ZZZZZZ			18:15																				
CCV 240-69001/10-A			18:17																				
CCB 240-69001/11-A			18:19																				
ZZZZZZ			18:21																				
CCV 240-69001/10-A			18:23																				
CCB 240-69001/11-A			18:25																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/26/2012 15:53 End Date: 12/26/2012 18:01

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 240-70130/1-A			15:53	X																			
IC 240-70130/2-A			15:54	X																			
IC 240-70130/3-A			15:56	X																			
IC 240-70130/4-A			15:58	X																			
IC 240-70130/5-A			16:00	X																			
IC 240-70130/6-A			16:03	X																			
ICV 240-70130/7-A	1		16:05	X																			
ICB 240-70130/8-A	1		16:07	X																			
CRA 240-70130/9-A	1		16:09	X																			
CCV 240-70130/10-A			16:11																				
CCB 240-70130/11-A			16:12																				
ZZZZZZ			16:14																				
ZZZZZZ			16:16																				
ZZZZZZ			16:18																				
ZZZZZZ			16:20																				
ZZZZZZ			16:22																				
ZZZZZZ			16:24																				
ZZZZZZ			16:26																				
ZZZZZZ			16:28																				
ZZZZZZ			16:30																				
ZZZZZZ			16:32																				
CCV 240-70130/10-A	1		16:34	X																			
CCB 240-70130/11-A	1		16:36	X																			
ZZZZZZ			16:38																				
ZZZZZZ			16:40																				
ZZZZZZ			16:41																				
ZZZZZZ			16:43																				
ZZZZZZ			16:45																				
MB 240-69805/1-A	1	T	16:48	X																			
LCS 240-69805/2-A	1	T	16:50	X																			
240-18544-38	1	T	16:53	X																			
240-18544-38 DU	1	T	16:55	X																			
240-18544-38 MS	1	T	16:57	X																			
CCV 240-70130/10-A	1		16:59	X																			
CCB 240-70130/11-A	1		17:01	X																			
ZZZZZZ			17:03																				
240-18544-39	1	T	17:05	X																			
ZZZZZZ			17:07																				
ZZZZZZ			17:08																				
240-18544-42	1	T	17:10	X																			
240-18544-41	1	T	17:12	X																			
ZZZZZZ			17:14																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-18544-1

SDG No.:

Instrument ID: H4 Method: 7471/DOD

Start Date: 12/26/2012 15:53 End Date: 12/26/2012 18:01

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			17:16																				
ZZZZZZ			17:18																				
240-18544-40	1	T	17:20	X																			
CCV 240-70130/10-A	1		17:22	X																			
CCB 240-70130/11-A	1		17:24	X																			
ZZZZZZ			17:26																				
ZZZZZZ			17:28																				
ZZZZZZ			17:30																				
ZZZZZZ			17:32																				
240-18544-43	1	T	17:34	X																			
ZZZZZZ			17:36																				
CRA 240-70130/9-A	1		17:37	X																			
ZZZZZZ			17:39																				
ZZZZZZ			17:41																				
ZZZZZZ			17:43																				
CCV 240-70130/10-A	1		17:46	X																			
CCB 240-70130/11-A	1		17:48	X																			
ZZZZZZ			17:51																				
ZZZZZZ			17:55																				
ZZZZZZ			17:57																				
CCV 240-70130/10-A			17:59																				
CCB 240-70130/11-A			18:01																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/27/2012 14:39 End Date: 12/28/2012 07:45

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ITUNE 180-59603/1			14:39																				
STD1 180-59603/2 IC	1		15:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 180-59603/3 IC	1		15:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD3 180-59603/4 IC	1		15:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 180-59603/5	1		15:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 180-59603/6	1		15:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-59603/7	1		15:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 180-59603/8	1		15:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 180-59603/9	1		15:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59603/10	1		16:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB1 180-59603/11	1		16:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:17																				
ZZZZZZ			16:21																				
ZZZZZZ			16:26																				
ZZZZZZ			16:30																				
MB 180-59175/1-A	1	T	16:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-59175/2-A	1	T	16:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-1	1	T	16:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-1 SD	5	T	16:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-1 DU	1	T	16:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-1 MS	1	T	17:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59603/22	1		17:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB2 180-59603/23	1		17:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-1 PDS	1	T	17:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:33																				
ZZZZZZ			17:37																				
ZZZZZZ			17:42																				
ZZZZZZ			17:46																				
ZZZZZZ			17:50																				
ZZZZZZ			18:01																				
ZZZZZZ			18:05																				
ZZZZZZ			18:09																				
ZZZZZZ			18:14																				
CCV 180-59603/34	1		18:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB3 180-59603/35	1		18:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:33																				
ZZZZZZ			18:37																				
ZZZZZZ			18:42																				
ZZZZZZ			18:46																				
ZZZZZZ			18:50																				
ZZZZZZ			18:55																				
ZZZZZZ			18:59																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/27/2012 14:39 End Date: 12/28/2012 07:45

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			19:03																				
ZZZZZZ			19:08																				
240-18544-2	1	T	19:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59603/46	1		19:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB4 180-59603/47	1		19:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-3	1	T	19:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			19:36																				
240-18544-4	1	T	19:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-5	1	T	19:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 180-59179/1-A	1	T	19:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-59179/2-A	1	T	19:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-7	1	T	20:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-7 SD	5	T	20:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-7 DU	1	T	20:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-7 MS	1	T	20:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59603/58	1		20:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB5 180-59603/59	1		20:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-8	1	T	20:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-8 SD	5	T	20:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-8DU	1	T	20:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-8 MS	1	T	20:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-8 PDS	1	T	21:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-7 PDS	1	T	21:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-10	1	T	21:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-11	1	T	21:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-12	1	T	21:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-13	1	T	21:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59603/70	1		21:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB6 180-59603/71	1		21:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-14	1	T	22:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-15	1	T	22:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-16	1	T	22:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-17	1	T	22:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-20	1	T	22:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-21	1	T	22:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-22	1	T	22:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-23	1	T	22:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-24	1	T	22:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-25	1	T	22:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59603/82	1		22:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB7 180-59603/83	1		22:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-6	1	T	22:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/27/2012 14:39 End Date: 12/28/2012 07:45

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
240-18544-18	1	T	23:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			23:11																				
CRI 180-59603/87	1		23:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			23:24																				
ZZZZZZ			23:28																				
ZZZZZZ			23:32																				
ZZZZZZ			23:37																				
ZZZZZZ			23:41																				
ZZZZZZ			23:46																				
CCV 180-59603/94	1		23:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB8 180-59603/95	1		00:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			00:05																				
ZZZZZZ			00:10																				
ZZZZZZ			00:14																				
ZZZZZZ			00:18																				
ZZZZZZ			00:23																				
ZZZZZZ			00:27																				
ZZZZZZ			00:31																				
ZZZZZZ			00:35																				
ZZZZZZ			00:40																				
ZZZZZZ			00:44																				
CCV 180-59603/106			00:51																				
CCB9 180-59603/107			00:59																				
ZZZZZZ			01:03																				
ZZZZZZ			01:07																				
ZZZZZZ			01:12																				
ZZZZZZ			01:16																				
ZZZZZZ			01:21																				
ZZZZZZ			01:25																				
ZZZZZZ			01:29																				
ZZZZZZ			01:34																				
ZZZZZZ			01:38																				
ZZZZZZ			01:42																				
CCV 180-59603/118			01:49																				
CCB10 180-59603/119			01:57																				
ZZZZZZ			02:01																				
ZZZZZZ			02:06																				
ZZZZZZ			02:10																				
ZZZZZZ			02:14																				
ZZZZZZ			02:22																				
ZZZZZZ			02:27																				
ZZZZZZ			02:31																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/27/2012 14:39 End Date: 12/28/2012 07:45

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			02:35																					
ZZZZZZ			02:40																					
ZZZZZZ			02:44																					
CCV 180-59603/130			02:51																					
CCB11 180-59603/131			02:59																					
ZZZZZZ			03:03																					
ZZZZZZ			03:07																					
ZZZZZZ			03:12																					
ZZZZZZ			03:16																					
ZZZZZZ			03:20																					
ZZZZZZ			03:25																					
ZZZZZZ			03:33																					
ZZZZZZ			03:37																					
ZZZZZZ			03:41																					
ZZZZZZ			03:46																					
CCV 180-59603/142			03:53																					
CCB12 180-59603/143			04:00																					
ZZZZZZ			04:05																					
ZZZZZZ			04:09																					
ZZZZZZ			04:13																					
ZZZZZZ			04:18																					
ZZZZZZ			04:22																					
ZZZZZZ			04:26																					
ZZZZZZ			04:31																					
ZZZZZZ			04:35																					
ZZZZZZ			04:40																					
ZZZZZZ			04:44																					
CCV 180-59603/154			04:51																					
CCB13 180-59603/155			04:59																					
ZZZZZZ			05:03																					
ZZZZZZ			05:07																					
ZZZZZZ			05:12																					
ZZZZZZ			05:16																					
ZZZZZZ			05:20																					
ZZZZZZ			05:25																					
ZZZZZZ			05:29																					
ZZZZZZ			05:33																					
ZZZZZZ			05:38																					
ZZZZZZ			05:42																					
CCV 180-59603/166			05:49																					
CCB14 180-59603/167			05:57																					
ZZZZZZ			06:01																					

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/27/2012 14:39 End Date: 12/28/2012 07:45

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			06:06																					
ZZZZZZ			06:10																					
ZZZZZZ			06:14																					
ZZZZZZ			06:19																					
ZZZZZZ			06:23																					
ZZZZZZ			06:27																					
ZZZZZZ			06:32																					
ZZZZZZ			06:36																					
ZZZZZZ			06:40																					
CCV 180-59603/178			06:48																					
CCB15 180-59603/179			06:55																					
ZZZZZZ			06:59																					
ZZZZZZ			07:04																					
ZZZZZZ			07:08																					
ZZZZZZ			07:13																					
ZZZZZZ			07:17																					
ZZZZZZ			07:21																					
ZZZZZZ			07:26																					
ZZZZZZ			07:30																					
CCV 180-59603/188			07:37																					
CCB16 180-59603/189			07:45																					

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/27/2012 14:39 End Date: 12/28/2012 07:45

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ITUNE 180-59603/1			14:39																					
STD1 180-59603/2 IC	1		15:19	X	X																			
STD2 180-59603/3 IC	1		15:24	X	X																			
STD3 180-59603/4 IC	1		15:29	X	X																			
ICV 180-59603/5	1		15:33	X	X																			
ICB 180-59603/6	1		15:40	X	X																			
CRI 180-59603/7	1		15:49	X	X																			
ICSA 180-59603/8	1		15:53	X	X																			
ICSAB 180-59603/9	1		15:58	X	X																			
CCV 180-59603/10	1		16:06	X	X																			
CCB1 180-59603/11	1		16:13	X	X																			
ZZZZZZ			16:17																					
ZZZZZZ			16:21																					
ZZZZZZ			16:26																					
ZZZZZZ			16:30																					
MB 180-59175/1-A	1	T	16:38	X	X																			
LCS 180-59175/2-A	1	T	16:42	X	X																			
240-18544-1	1	T	16:49	X	X																			
240-18544-1 SD	5	T	16:54	X	X																			
240-18544-1 DU	1	T	16:58	X	X																			
240-18544-1 MS	1	T	17:02	X	X																			
CCV 180-59603/22	1		17:10	X	X																			
CCB2 180-59603/23	1		17:17	X	X																			
240-18544-1 PDS	1	T	17:26	X	X																			
ZZZZZZ			17:33																					
ZZZZZZ			17:37																					
ZZZZZZ			17:42																					
ZZZZZZ			17:46																					
ZZZZZZ			17:50																					
ZZZZZZ			18:01																					
ZZZZZZ			18:05																					
ZZZZZZ			18:09																					
ZZZZZZ			18:14																					
CCV 180-59603/34	1		18:21	X	X																			
CCB3 180-59603/35	1		18:29	X	X																			
ZZZZZZ			18:33																					
ZZZZZZ			18:37																					
ZZZZZZ			18:42																					
ZZZZZZ			18:46																					
ZZZZZZ			18:50																					
ZZZZZZ			18:55																					
ZZZZZZ			18:59																					

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/27/2012 14:39 End Date: 12/28/2012 07:45

Lab Sample ID	D/F	Type	Time	Analytes																				
				V	Zn																			
ZZZZZZ			19:03																					
ZZZZZZ			19:08																					
240-18544-2	1	T	19:12	X	X																			
CCV 180-59603/46	1		19:19	X	X																			
CCB4 180-59603/47	1		19:27	X	X																			
240-18544-3	1	T	19:32	X	X																			
ZZZZZZ			19:36																					
240-18544-4	1	T	19:40	X	X																			
240-18544-5	1	T	19:45	X	X																			
MB 180-59179/1-A	1	T	19:53	X	X																			
LCS 180-59179/2-A	1	T	19:57	X	X																			
240-18544-7	1	T	20:04	X	X																			
240-18544-7 SD	5	T	20:08	X	X																			
240-18544-7 DU	1	T	20:13	X	X																			
240-18544-7 MS	1	T	20:17	X	X																			
CCV 180-59603/58	1		20:24	X	X																			
CCB5 180-59603/59	1		20:32	X	X																			
240-18544-8	1	T	20:44	X	X																			
240-18544-8 SD	5	T	20:48	X	X																			
240-18544-8DU	1	T	20:53	X	X																			
240-18544-8 MS	1	T	20:57	X	X																			
240-18544-8 PDS	1	T	21:17	X	X																			
240-18544-7 PDS	1	T	21:23	X	X																			
240-18544-10	1	T	21:27	X	X																			
240-18544-11	1	T	21:32	X	X																			
240-18544-12	1	T	21:36	X	X																			
240-18544-13	1	T	21:40	X	X																			
CCV 180-59603/70	1		21:47	X	X																			
CCB6 180-59603/71	1		21:55	X	X																			
240-18544-14	1	T	22:00	X	X																			
240-18544-15	1	T	22:04	X	X																			
240-18544-16	1	T	22:08	X	X																			
240-18544-17	1	T	22:13	X	X																			
240-18544-20	1	T	22:17	X	X																			
240-18544-21	1	T	22:22	X	X																			
240-18544-22	1	T	22:26	X	X																			
240-18544-23	1	T	22:30	X	X																			
240-18544-24	1	T	22:35	X	X																			
240-18544-25	1	T	22:39	X	X																			
CCV 180-59603/82	1		22:46	X	X																			
CCB7 180-59603/83	1		22:54	X	X																			
240-18544-6	1	T	22:58	X	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/27/2012 14:39 End Date: 12/28/2012 07:45

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
240-18544-18	1	T	23:03	X	X																		
ZZZZZZ			23:11																				
CRI 180-59603/87	1		23:19	X	X																		
ZZZZZZ			23:24																				
ZZZZZZ			23:28																				
ZZZZZZ			23:32																				
ZZZZZZ			23:37																				
ZZZZZZ			23:41																				
ZZZZZZ			23:46																				
CCV 180-59603/94	1		23:53	X	X																		
CCB8 180-59603/95	1		00:01	X	X																		
ZZZZZZ			00:05																				
ZZZZZZ			00:10																				
ZZZZZZ			00:14																				
ZZZZZZ			00:18																				
ZZZZZZ			00:23																				
ZZZZZZ			00:27																				
ZZZZZZ			00:31																				
ZZZZZZ			00:35																				
ZZZZZZ			00:40																				
ZZZZZZ			00:44																				
CCV 180-59603/106			00:51																				
CCB9 180-59603/107			00:59																				
ZZZZZZ			01:03																				
ZZZZZZ			01:07																				
ZZZZZZ			01:12																				
ZZZZZZ			01:16																				
ZZZZZZ			01:21																				
ZZZZZZ			01:25																				
ZZZZZZ			01:29																				
ZZZZZZ			01:34																				
ZZZZZZ			01:38																				
ZZZZZZ			01:42																				
CCV 180-59603/118			01:49																				
CCB10 180-59603/119			01:57																				
ZZZZZZ			02:01																				
ZZZZZZ			02:06																				
ZZZZZZ			02:10																				
ZZZZZZ			02:14																				
ZZZZZZ			02:22																				
ZZZZZZ			02:27																				
ZZZZZZ			02:31																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/27/2012 14:39 End Date: 12/28/2012 07:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			02:35																				
ZZZZZZ			02:40																				
ZZZZZZ			02:44																				
CCV 180-59603/130			02:51																				
CCB11 180-59603/131			02:59																				
ZZZZZZ			03:03																				
ZZZZZZ			03:07																				
ZZZZZZ			03:12																				
ZZZZZZ			03:16																				
ZZZZZZ			03:20																				
ZZZZZZ			03:25																				
ZZZZZZ			03:33																				
ZZZZZZ			03:37																				
ZZZZZZ			03:41																				
ZZZZZZ			03:46																				
CCV 180-59603/142			03:53																				
CCB12 180-59603/143			04:00																				
ZZZZZZ			04:05																				
ZZZZZZ			04:09																				
ZZZZZZ			04:13																				
ZZZZZZ			04:18																				
ZZZZZZ			04:22																				
ZZZZZZ			04:26																				
ZZZZZZ			04:31																				
ZZZZZZ			04:35																				
ZZZZZZ			04:40																				
ZZZZZZ			04:44																				
CCV 180-59603/154			04:51																				
CCB13 180-59603/155			04:59																				
ZZZZZZ			05:03																				
ZZZZZZ			05:07																				
ZZZZZZ			05:12																				
ZZZZZZ			05:16																				
ZZZZZZ			05:20																				
ZZZZZZ			05:25																				
ZZZZZZ			05:29																				
ZZZZZZ			05:33																				
ZZZZZZ			05:38																				
ZZZZZZ			05:42																				
CCV 180-59603/166			05:49																				
CCB14 180-59603/167			05:57																				
ZZZZZZ			06:01																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/27/2012 14:39 End Date: 12/28/2012 07:45

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			06:06																				
ZZZZZZ			06:10																				
ZZZZZZ			06:14																				
ZZZZZZ			06:19																				
ZZZZZZ			06:23																				
ZZZZZZ			06:27																				
ZZZZZZ			06:32																				
ZZZZZZ			06:36																				
ZZZZZZ			06:40																				
CCV 180-59603/178			06:48																				
CCB15 180-59603/179			06:55																				
ZZZZZZ			06:59																				
ZZZZZZ			07:04																				
ZZZZZZ			07:08																				
ZZZZZZ			07:13																				
ZZZZZZ			07:17																				
ZZZZZZ			07:21																				
ZZZZZZ			07:26																				
ZZZZZZ			07:30																				
CCV 180-59603/188			07:37																				
CCB16 180-59603/189			07:45																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ITUNE 180-59694/1			15:41																				
STD1 180-59694/2 IC	1		22:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 180-59694/3 IC	1		22:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD3 180-59694/4 IC	1		22:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 180-59694/5	1		22:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 180-59694/6	1		23:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 180-59694/7	1		23:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 180-59694/8	1		23:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 180-59694/9	1		23:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59694/10	1		23:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB1 180-59694/11	1		23:29	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 180-59183/1-A	1	T	23:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 180-59183/2-A	1	T	23:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-19	1	T	23:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-19 SD	5	T	23:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-19 DU	1	T	23:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-19 MS	1	T	23:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-19 PDS	1	T	23:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-26	1	T	00:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-27	1	T	00:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-28	1	T	00:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59694/22	1		00:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB2 180-59694/23	1		00:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-29	1	T	00:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-30	1	T	00:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-31	1	T	00:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-32	1	T	00:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-33	1	T	00:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
240-18544-34	1	T	00:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			00:57																				
ZZZZZZ			01:01																				
ZZZZZZ			01:06																				
ZZZZZZ			01:10																				
CCV 180-59694/34	1		01:17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB3 180-59694/35	1		01:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			01:30																				
ZZZZZZ			01:34																				
ZZZZZZ			01:38																				
ZZZZZZ			01:43																				
ZZZZZZ			01:47																				
ZZZZZZ			01:51																				
ZZZZZZ			01:59																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			02:03																					
ZZZZZZ			02:08																					
ZZZZZZ			02:12																					
CCV 180-59694/46			02:19																					
CCB4 180-59694/47			02:27																					
ZZZZZZ			02:32																					
ZZZZZZ			02:36																					
ZZZZZZ			02:40																					
ZZZZZZ			02:45																					
ZZZZZZ			02:49																					
ZZZZZZ			02:53																					
ZZZZZZ			02:58																					
ZZZZZZ			03:02																					
ZZZZZZ			03:06																					
ZZZZZZ			03:11																					
CCV 180-59694/58			03:18																					
CCB5 180-59694/59			03:26																					
ZZZZZZ			03:33																					
ZZZZZZ			03:37																					
ZZZZZZ			03:45																					
ZZZZZZ			03:50																					
ZZZZZZ			03:54																					
ZZZZZZ			03:58																					
ZZZZZZ			04:03																					
ZZZZZZ			04:07																					
ZZZZZZ			04:11																					
CRI 180-59694/69	1		04:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 180-59694/70			04:35																					
CCB6 180-59694/71			04:43																					
ZZZZZZ			04:47																					
ZZZZZZ			04:51																					
ZZZZZZ			04:55																					
ZZZZZZ			05:00																					
ZZZZZZ			05:04																					
ZZZZZZ			05:08																					
ZZZZZZ			05:13																					
ZZZZZZ			05:17																					
ZZZZZZ			05:21																					
ZZZZZZ			05:26																					
CCV 180-59694/82			05:33																					
CCB7 180-59694/83			05:40																					
ZZZZZZ			05:45																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			05:49																					
ZZZZZZ			05:53																					
ZZZZZZ			05:58																					
ZZZZZZ			06:02																					
ZZZZZZ			06:06																					
ZZZZZZ			06:11																					
ZZZZZZ			06:15																					
ZZZZZZ			06:19																					
ZZZZZZ			06:24																					
CCV 180-59694/94			06:31																					
CCB8 180-59694/95			06:38																					
ZZZZZZ			06:43																					
ZZZZZZ			06:47																					
ZZZZZZ			06:51																					
ZZZZZZ			06:56																					
ZZZZZZ			07:00																					
ZZZZZZ			07:08																					
ZZZZZZ			07:12																					
ZZZZZZ			07:17																					
ZZZZZZ			07:21																					
ZZZZZZ			07:25																					
ZZZZZZ			07:30																					
CCV 180-59694/107			07:37																					
CCB9 180-59694/108			07:44																					
ZZZZZZ			07:49																					
ZZZZZZ			07:53																					
ZZZZZZ			07:57																					
ZZZZZZ			08:02																					
ZZZZZZ			08:06																					
ZZZZZZ			08:10																					
ZZZZZZ			08:15																					
ZZZZZZ			08:19																					
ZZZZZZ			08:23																					
ZZZZZZ			08:28																					
CCV 180-59694/119			08:35																					
CCB10 180-59694/120			08:42																					
ZZZZZZ			08:47																					
ZZZZZZ			08:51																					
ZZZZZZ			08:59																					
ZZZZZZ			09:03																					
ZZZZZZ			09:08																					
ZZZZZZ			09:12																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

Lab Sample ID	D / F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			09:16																					
ZZZZZZ			09:21																					
ZZZZZZ			09:25																					
ZZZZZZ			09:29																					
CCV 180-59694/131			09:37																					
CCB11 180-59694/132			09:44																					
ZZZZZZ			09:48																					
ZZZZZZ			09:53																					
ZZZZZZ			09:57																					
ZZZZZZ			10:01																					
ZZZZZZ			10:06																					
ZZZZZZ			10:10																					
ZZZZZZ			10:14																					
ZZZZZZ			10:19																					
ZZZZZZ			10:23																					
ZZZZZZ			10:27																					
CCV 180-59694/143			10:35																					
CCB12 180-59694/144			10:42																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ITUNE 180-59694/1			15:41																					
STD1 180-59694/2 IC	1		22:40	X	X																			
STD2 180-59694/3 IC	1		22:45	X	X																			
STD3 180-59694/4 IC	1		22:50	X	X																			
ICV 180-59694/5	1		22:54	X	X																			
ICB 180-59694/6	1		23:01	X	X																			
CRI 180-59694/7	1		23:06	X	X																			
ICSA 180-59694/8	1		23:10	X	X																			
ICSAB 180-59694/9	1		23:14	X	X																			
CCV 180-59694/10	1		23:21	X	X																			
CCB1 180-59694/11	1		23:29	X	X																			
MB 180-59183/1-A	1	T	23:33	X	X																			
LCS 180-59183/2-A	1	T	23:37	X	X																			
240-18544-19	1	T	23:42	X	X																			
240-18544-19 SD	5	T	23:46	X	X																			
240-18544-19 DU	1	T	23:50	X	X																			
240-18544-19 MS	1	T	23:55	X	X																			
240-18544-19 PDS	1	T	23:59	X	X																			
240-18544-26	1	T	00:03	X	X																			
240-18544-27	1	T	00:08	X	X																			
240-18544-28	1	T	00:12	X	X																			
CCV 180-59694/22	1		00:19	X	X																			
CCB2 180-59694/23	1		00:27	X	X																			
240-18544-29	1	T	00:31	X	X																			
240-18544-30	1	T	00:36	X	X																			
240-18544-31	1	T	00:40	X	X																			
240-18544-32	1	T	00:44	X	X																			
240-18544-33	1	T	00:49	X	X																			
240-18544-34	1	T	00:53	X	X																			
ZZZZZZ			00:57																					
ZZZZZZ			01:01																					
ZZZZZZ			01:06																					
ZZZZZZ			01:10																					
CCV 180-59694/34	1		01:17	X	X																			
CCB3 180-59694/35	1		01:25	X	X																			
ZZZZZZ			01:30																					
ZZZZZZ			01:34																					
ZZZZZZ			01:38																					
ZZZZZZ			01:43																					
ZZZZZZ			01:47																					
ZZZZZZ			01:51																					
ZZZZZZ			01:59																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			02:03																				
ZZZZZZ			02:08																				
ZZZZZZ			02:12																				
CCV 180-59694/46			02:19																				
CCB4 180-59694/47			02:27																				
ZZZZZZ			02:32																				
ZZZZZZ			02:36																				
ZZZZZZ			02:40																				
ZZZZZZ			02:45																				
ZZZZZZ			02:49																				
ZZZZZZ			02:53																				
ZZZZZZ			02:58																				
ZZZZZZ			03:02																				
ZZZZZZ			03:06																				
ZZZZZZ			03:11																				
CCV 180-59694/58			03:18																				
CCB5 180-59694/59			03:26																				
ZZZZZZ			03:33																				
ZZZZZZ			03:37																				
ZZZZZZ			03:45																				
ZZZZZZ			03:50																				
ZZZZZZ			03:54																				
ZZZZZZ			03:58																				
ZZZZZZ			04:03																				
ZZZZZZ			04:07																				
ZZZZZZ			04:11																				
CRI 180-59694/69	1		04:27	X	X																		
CCV 180-59694/70			04:35																				
CCB6 180-59694/71			04:43																				
ZZZZZZ			04:47																				
ZZZZZZ			04:51																				
ZZZZZZ			04:55																				
ZZZZZZ			05:00																				
ZZZZZZ			05:04																				
ZZZZZZ			05:08																				
ZZZZZZ			05:13																				
ZZZZZZ			05:17																				
ZZZZZZ			05:21																				
ZZZZZZ			05:26																				
CCV 180-59694/82			05:33																				
CCB7 180-59694/83			05:40																				
ZZZZZZ			05:45																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			05:49																				
ZZZZZZ			05:53																				
ZZZZZZ			05:58																				
ZZZZZZ			06:02																				
ZZZZZZ			06:06																				
ZZZZZZ			06:11																				
ZZZZZZ			06:15																				
ZZZZZZ			06:19																				
ZZZZZZ			06:24																				
CCV 180-59694/94			06:31																				
CCB8 180-59694/95			06:38																				
ZZZZZZ			06:43																				
ZZZZZZ			06:47																				
ZZZZZZ			06:51																				
ZZZZZZ			06:56																				
ZZZZZZ			07:00																				
ZZZZZZ			07:08																				
ZZZZZZ			07:12																				
ZZZZZZ			07:17																				
ZZZZZZ			07:21																				
ZZZZZZ			07:25																				
ZZZZZZ			07:30																				
CCV 180-59694/107			07:37																				
CCB9 180-59694/108			07:44																				
ZZZZZZ			07:49																				
ZZZZZZ			07:53																				
ZZZZZZ			07:57																				
ZZZZZZ			08:02																				
ZZZZZZ			08:06																				
ZZZZZZ			08:10																				
ZZZZZZ			08:15																				
ZZZZZZ			08:19																				
ZZZZZZ			08:23																				
ZZZZZZ			08:28																				
CCV 180-59694/119			08:35																				
CCB10 180-59694/120			08:42																				
ZZZZZZ			08:47																				
ZZZZZZ			08:51																				
ZZZZZZ			08:59																				
ZZZZZZ			09:03																				
ZZZZZZ			09:08																				
ZZZZZZ			09:12																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

Instrument ID: M Method: 6020/DOD

Start Date: 12/28/2012 15:41 End Date: 12/29/2012 10:42

Lab Sample ID	D / F	Type	Time	Analytes																				
				V	Zn																			
ZZZZZZ			09:16																					
ZZZZZZ			09:21																					
ZZZZZZ			09:25																					
ZZZZZZ			09:29																					
CCV 180-59694/131			09:37																					
CCB11 180-59694/132			09:44																					
ZZZZZZ			09:48																					
ZZZZZZ			09:53																					
ZZZZZZ			09:57																					
ZZZZZZ			10:01																					
ZZZZZZ			10:06																					
ZZZZZZ			10:10																					
ZZZZZZ			10:14																					
ZZZZZZ			10:19																					
ZZZZZZ			10:23																					
ZZZZZZ			10:27																					
CCV 180-59694/143			10:35																					
CCB12 180-59694/144			10:42																					

Prep Types
T = Total/NA

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 12/27/2012 End Date: 12/28/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q
STD1 180-59603/2 IC	15:19	100		100		100		100		100	
STD2 180-59603/3 IC	15:24	98		107		100		91		98	
STD3 180-59603/4 IC	15:29	105		116		110		108		112	
ICV 180-59603/5	15:33	102		115		111		99		107	
ICB 180-59603/6	15:40	100		108		104		102		107	
CRI 180-59603/7	15:49	96		105		99		99		105	
ICSA 180-59603/8	15:53	80		92		84		81		93	
ICSAB 180-59603/9	15:58	78		89		100		81		97	
CCV 180-59603/10	16:06	75		89		95		88		100	
CCB1 180-59603/11	16:13	91		104		93		93		100	
MB 180-59175/1-A	16:38	106		112		94		91		95	
LCS 180-59175/2-A	16:42	84		93		80		83		90	
240-18544-1	16:49	89		104		0		87		94	
240-18544-1 SD	16:54	91		103		104		92		98	
240-18544-1 DU	16:58	82		94		0		80		87	
240-18544-1 MS	17:02	77		90		0		455		83	
CCV 180-59603/22	17:10	86		99		93		88		95	
CCB2 180-59603/23	17:17	108		115		96		95		99	
240-18544-1 PDS	17:26	83		94		0		76		88	
CCV 180-59603/34	18:21	83		101		92		84		90	
CCB3 180-59603/35	18:29	89		102		91		95		96	
240-18544-2	19:12	72		84		0		73		77	
CCV 180-59603/46	19:19	75		90		84		79		82	
CCB4 180-59603/47	19:27	86		102		88		93		87	
240-18544-3	19:32	74		86		0		76		81	
240-18544-4	19:40	73		84		0		73		77	
240-18544-5	19:45	77		89		0		78		82	
MB 180-59179/1-A	19:53	90		111		92		96		90	
LCS 180-59179/2-A	19:57	77		87		79		83		84	
240-18544-7	20:04	74		82		0		71		74	
240-18544-7 SD	20:08	73		82		87		77		79	
240-18544-7 DU	20:13	67		78		0		68		72	
240-18544-7 MS	20:17	63		75		0		63		71	
CCV 180-59603/58	20:24	73		85		80		77		77	
CCB5 180-59603/59	20:32	86		91		81		87		86	
240-18544-8	20:44	72		81		0		69		72	
240-18544-8 SD	20:48	71		77		84		73		75	
240-18544-8DU	20:53										
240-18544-8 MS	20:57	67		76		0		65		68	
240-18544-8 PDS	21:17	72		82		0		65		71	
240-18544-7 PDS	21:23	71		79		0		63		72	
240-18544-10	21:27	73		79		0		64		72	

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15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 12/27/2012 End Date: 12/28/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q
240-18544-11	21:32	68		71		0		58		66	
240-18544-12	21:36	61		65		0		55		62	
240-18544-13	21:40	61		65		0		54		61	
CCV 180-59603/70	21:47	64		73		69		68		70	
CCB6 180-59603/71	21:55	93		100		83		84		84	
240-18544-14	22:00	61		68		0		59		61	
240-18544-15	22:04	59		66		0		58		60	
240-18544-16	22:08	61		67		0		59		61	
240-18544-17	22:13	60		66		0		56		59	
240-18544-20	22:17	59		64		0		57		59	
240-18544-21	22:22	57		64		0		55		58	
240-18544-22	22:26	57		64		0		55		58	
240-18544-23	22:30	56		63		0		54		56	
240-18544-24	22:35	54		62		0		53		56	
240-18544-25	22:39	57		61		0		54		56	
CCV 180-59603/82	22:46	58		66		62		61		61	
CCB7 180-59603/83	22:54	95		87		81		81		84	
240-18544-6	22:58	62		68		0		60		60	
240-18544-18	23:03	60		66		0		59		61	
CRI 180-59603/87	23:19	63		70		62		66		63	
CCV 180-59603/94	23:53	57		68		63		60		63	
CCB8 180-59603/95	00:01	93		91		81		82		83	

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 12/27/2012 End Date: 12/28/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
STD1 180-59603/2 IC	15:19	100		100		100					
STD2 180-59603/3 IC	15:24	97		97		83					
STD3 180-59603/4 IC	15:29	111		111		106					
ICV 180-59603/5	15:33	108		108		94					
ICB 180-59603/6	15:40	108		109		106					
CRI 180-59603/7	15:49	108		108		106					
ICSA 180-59603/8	15:53	95		95		87					
ICSAB 180-59603/9	15:58	104		99		93					
CCV 180-59603/10	16:06	101		105		98					
CCB1 180-59603/11	16:13	108		110		110					
MB 180-59175/1-A	16:38	101		102		101					
LCS 180-59175/2-A	16:42	93		93		84					
240-18544-1	16:49	104		102		87					
240-18544-1 SD	16:54	103		103		97					
240-18544-1 DU	16:58	99		98		85					
240-18544-1 MS	17:02	94		92		75					
CCV 180-59603/22	17:10	93		93		85					
CCB2 180-59603/23	17:17	103		103		103					
240-18544-1 PDS	17:26	98		97		80					
CCV 180-59603/34	18:21	93		94		87					
CCB3 180-59603/35	18:29	95		96		99					
240-18544-2	19:12	90		89		79					
CCV 180-59603/46	19:19	85		86		83					
CCB4 180-59603/47	19:27	92		93		98					
240-18544-3	19:32	90		90		80					
240-18544-4	19:40	87		87		77					
240-18544-5	19:45	92		91		82					
MB 180-59179/1-A	19:53	94		94		99					
LCS 180-59179/2-A	19:57	91		91		83					
240-18544-7	20:04	85		84		73					
240-18544-7 SD	20:08	87		88		84					
240-18544-7 DU	20:13	84		82		73					
240-18544-7 MS	20:17	81		80		70					
CCV 180-59603/58	20:24	82		83		79					
CCB5 180-59603/59	20:32	87		88		95					
240-18544-8	20:44	85		83		72					
240-18544-8 SD	20:48	83		83		80					
240-18544-8DU	20:53										
240-18544-8 MS	20:57	80		79		69					
240-18544-8 PDS	21:17	85		84		70					
240-18544-7 PDS	21:23	86		85		71					
240-18544-10	21:27	84		83		72					

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 12/27/2012 End Date: 12/28/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
240-18544-11	21:32	78		77		68					
240-18544-12	21:36	75		74		69					
240-18544-13	21:40	74		73		66					
CCV 180-59603/70	21:47	73		74		73					
CCB6 180-59603/71	21:55	83		84		87					
240-18544-14	22:00	74		73		64					
240-18544-15	22:04	72		71		65					
240-18544-16	22:08	72		71		66					
240-18544-17	22:13	71		69		63					
240-18544-20	22:17	69		69		63					
240-18544-21	22:22	68		67		62					
240-18544-22	22:26	68		68		62					
240-18544-23	22:30	66		65		60					
240-18544-24	22:35	66		65		60					
240-18544-25	22:39	66		66		62					
CCV 180-59603/82	22:46	65		66		66					
CCB7 180-59603/83	22:54	84		85		91					
240-18544-6	22:58	70		70		67					
240-18544-18	23:03	70		70		66					
CRI 180-59603/87	23:19	69		70		79					
CCV 180-59603/94	23:53	68		74		71					
CCB8 180-59603/95	00:01	83		84		86					

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 12/28/2012 End Date: 12/29/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Li-6	Q	Element Sc	Q	Element Y-89	Q	Element Rh-103	Q	Element In	Q
STD1 180-59694/2 IC	22:40	100		100		100		100		100	
STD2 180-59694/3 IC	22:45	106		114		109		97		106	
STD3 180-59694/4 IC	22:50	110		115		114		111		114	
ICV 180-59694/5	22:54	107		111		116		102		106	
ICB 180-59694/6	23:01	100		114		104		103		104	
CRI 180-59694/7	23:06	100		106		99		98		100	
ICSA 180-59694/8	23:10	81		85		86		81		93	
ICSAB 180-59694/9	23:14	81		86		91		82		95	
CCV 180-59694/10	23:21	81		91		95		85		94	
CCB1 180-59694/11	23:29	86		93		96		95		98	
MB 180-59183/1-A	23:33	89		91		94		94		96	
LCS 180-59183/2-A	23:37	86		84		83		80		85	
240-18544-19	23:42	98		99		0		83		90	
240-18544-19 SD	23:46	99		97		106		88		91	
240-18544-19 DU	23:50	91		92		0		77		84	
240-18544-19 MS	23:55	88		87		0		71		78	
240-18544-19 PDS	23:59	89		95		0		75		85	
240-18544-26	00:03	85		87		0		73		78	
240-18544-27	00:08	87		85		0		71		77	
240-18544-28	00:12	83		84		0		71		76	
CCV 180-59694/22	00:19	94		99		93		84		88	
CCB2 180-59694/23	00:27	103		102		96		97		94	
240-18544-29	00:31	99		101		0		83		87	
240-18544-30	00:36	96		95		0		78		83	
240-18544-31	00:40	105		104		0		86		91	
240-18544-32	00:44	104		105		0		88		93	
240-18544-33	00:49	94		90		0		77		82	
240-18544-34	00:53	92		88		0		75		80	
CCV 180-59694/34	01:17	92		92		88		80		82	
CCB3 180-59694/35	01:25	97		94		89		92		89	
CRI 180-59694/69	04:27	106		96		86		89		82	

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: TestAmerica Pittsburgh Job No.: 240-18544-1

SDG No.:

ICP-MS Instrument ID: M Start Date: 12/28/2012 End Date: 12/29/2012

Lab Sample ID	Time	Internal Standards %RI For:									
		Element Tb	Q	Element Ho	Q	Element Bi	Q	Element	Q	Element	Q
STD1 180-59694/2 IC	22:40	100		100		100					
STD2 180-59694/3 IC	22:45	106		106		89					
STD3 180-59694/4 IC	22:50	112		111		107					
ICV 180-59694/5	22:54	107		107		92					
ICB 180-59694/6	23:01	104		103		103					
CRI 180-59694/7	23:06	99		99		99					
ICSA 180-59694/8	23:10	93		93		84					
ICSAB 180-59694/9	23:14	95		94		83					
CCV 180-59694/10	23:21	96		96		86					
CCB1 180-59694/11	23:29	99		100		101					
MB 180-59183/1-A	23:33	98		98		100					
LCS 180-59183/2-A	23:37	88		89		79					
240-18544-19	23:42	96		93		75					
240-18544-19 SD	23:46	93		92		85					
240-18544-19 DU	23:50	90		89		73					
240-18544-19 MS	23:55	82		80		65					
240-18544-19 PDS	23:59	90		87		69					
240-18544-26	00:03	84		82		68					
240-18544-27	00:08	84		81		66					
240-18544-28	00:12	79		78		67					
CCV 180-59694/22	00:19	88		88		78					
CCB2 180-59694/23	00:27	93		93		95					
240-18544-29	00:31	93		90		74					
240-18544-30	00:36	89		88		71					
240-18544-31	00:40	96		94		76					
240-18544-32	00:44	99		96		78					
240-18544-33	00:49	89		87		73					
240-18544-34	00:53	86		85		70					
CCV 180-59694/34	01:17	85		83		74					
CCB3 180-59694/35	01:25	89		89		94					
CRI 180-59694/69	04:27	81		81		85					