FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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

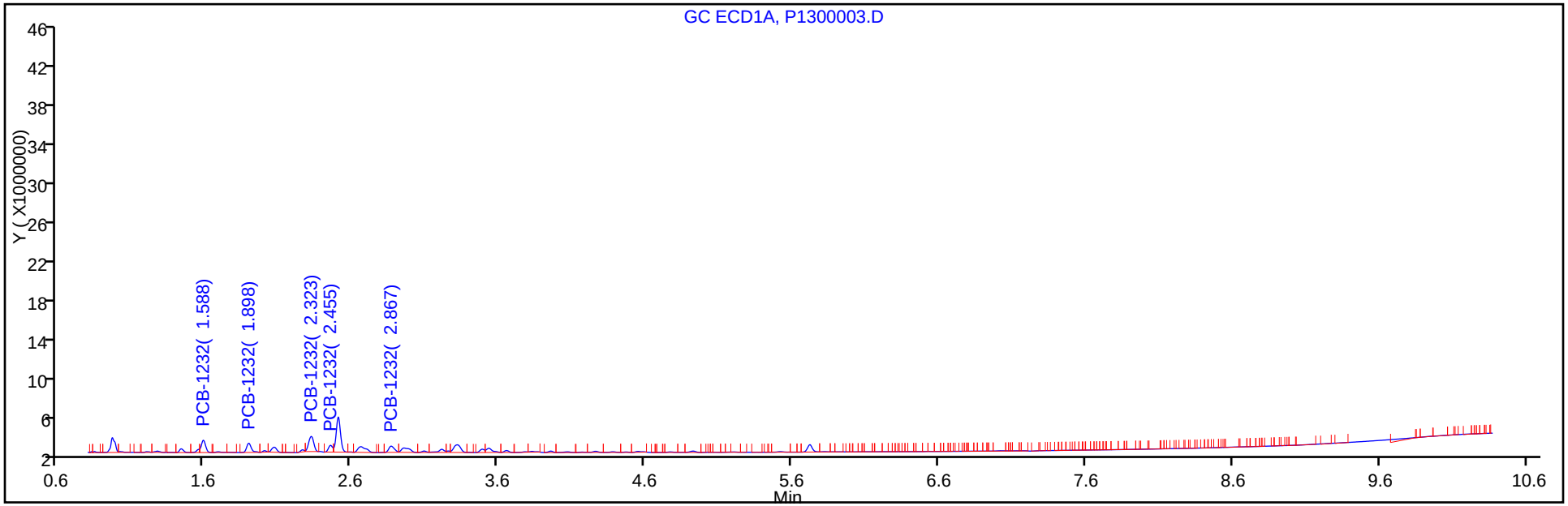
Report Date: 22-Oct-2012 09:18:48 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

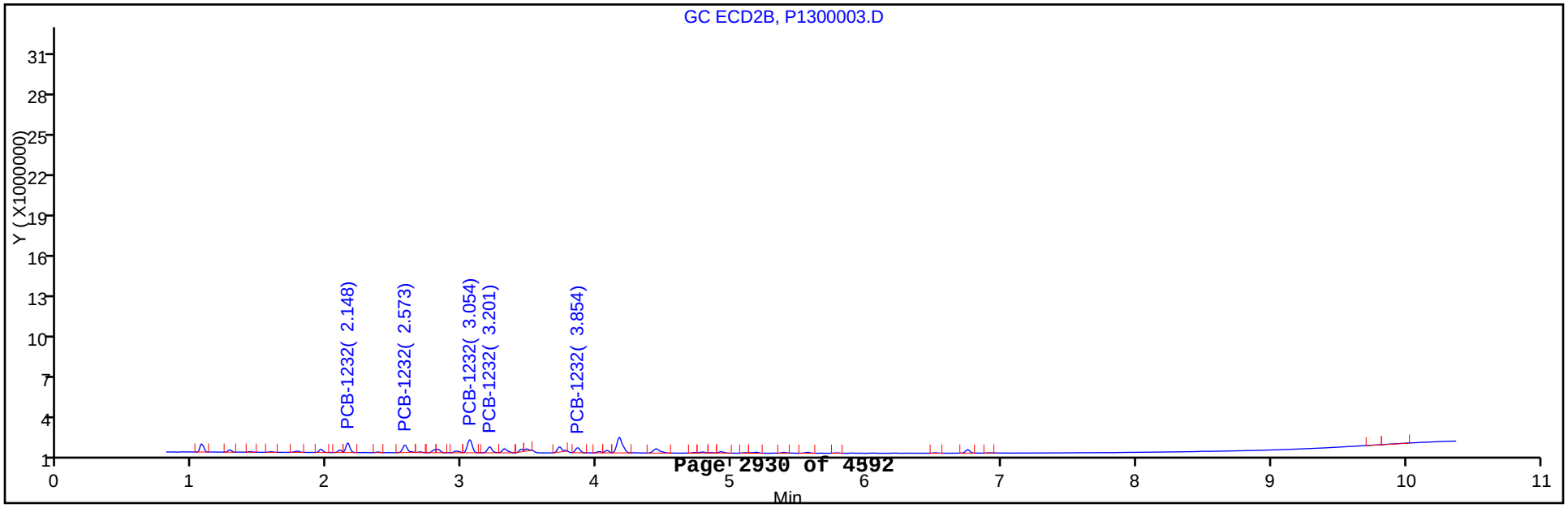
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Injection Date:	21-Oct-2012 16:53:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



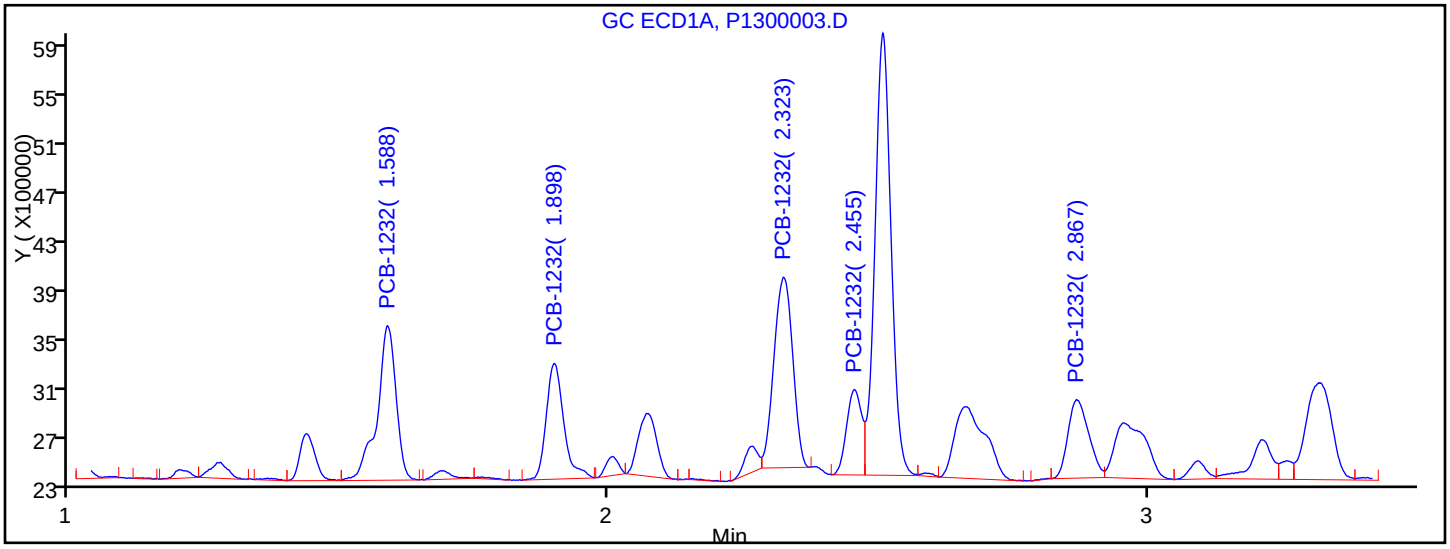
Report Date: 22-Oct-2012 09:18:48 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

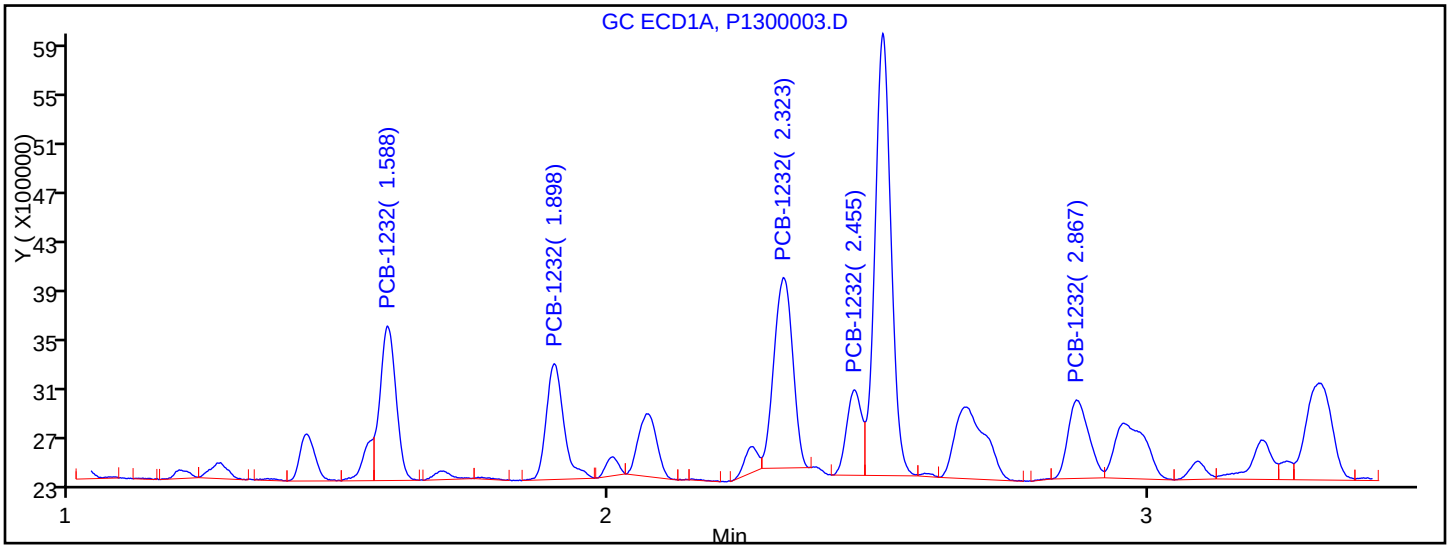
Injection Date:	21-Oct-2012 16:53:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

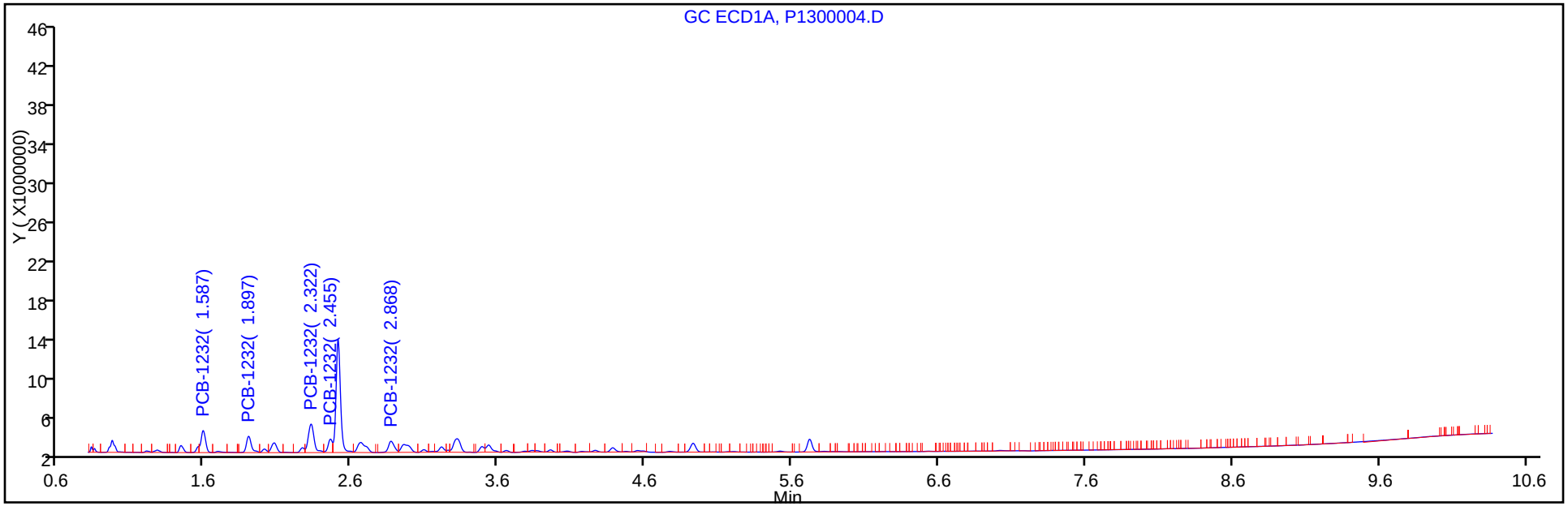
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

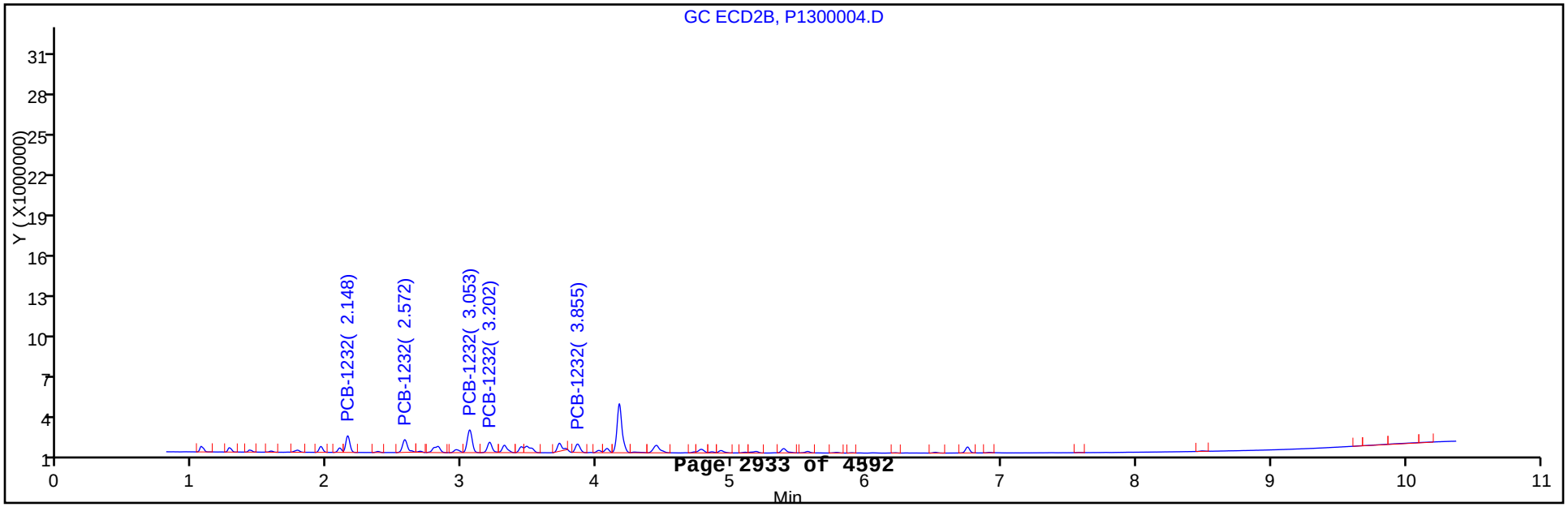
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

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



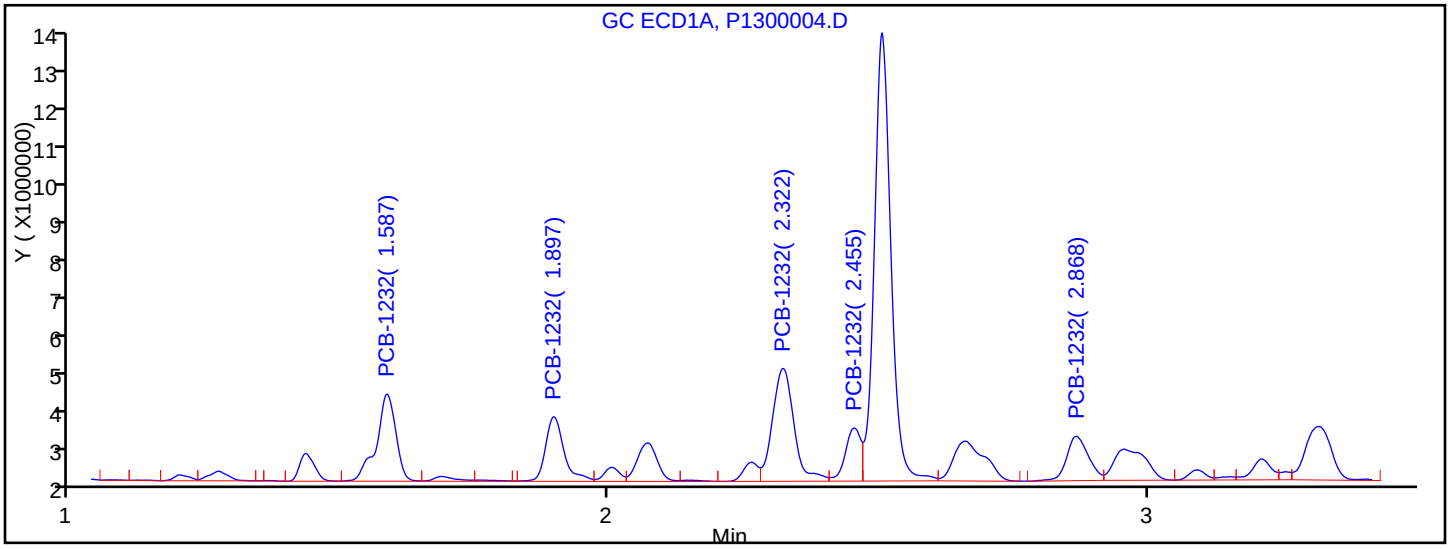
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

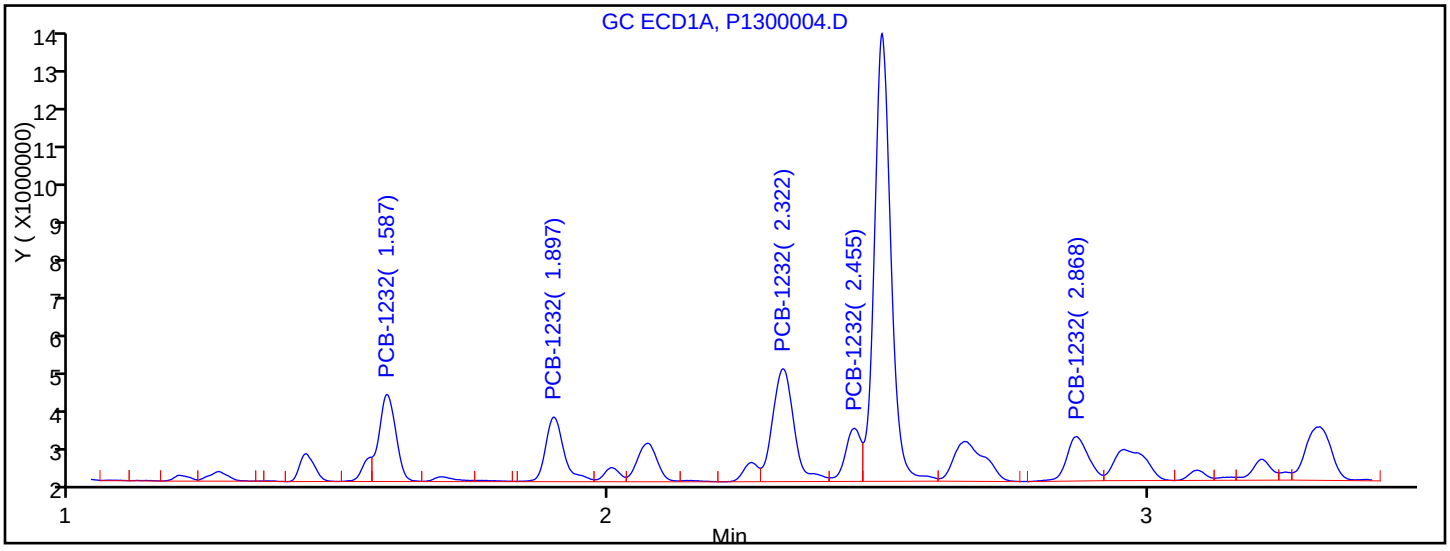
Injection Date:	21-Oct-2012 17:08:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

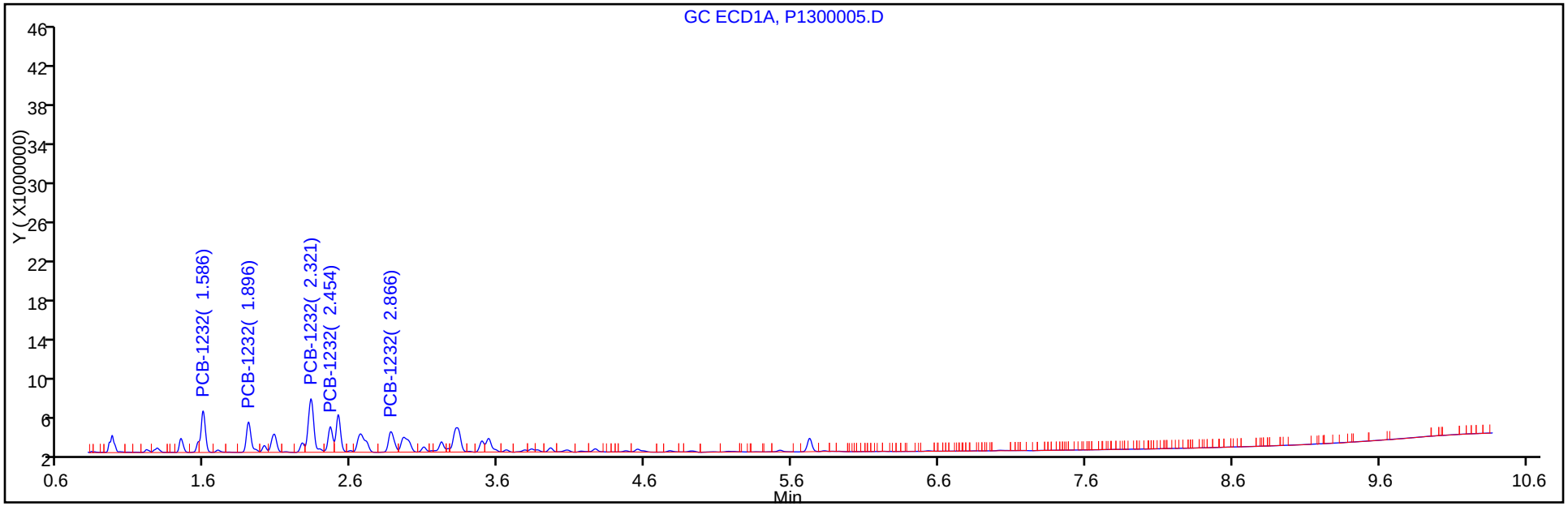
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

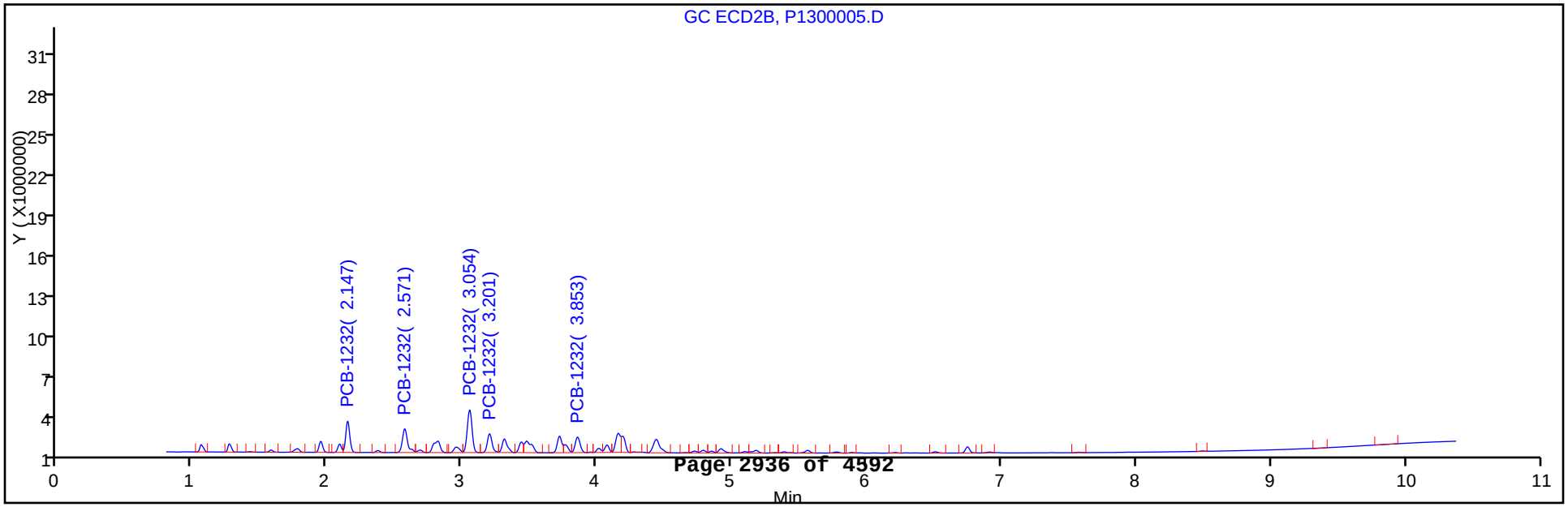
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

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



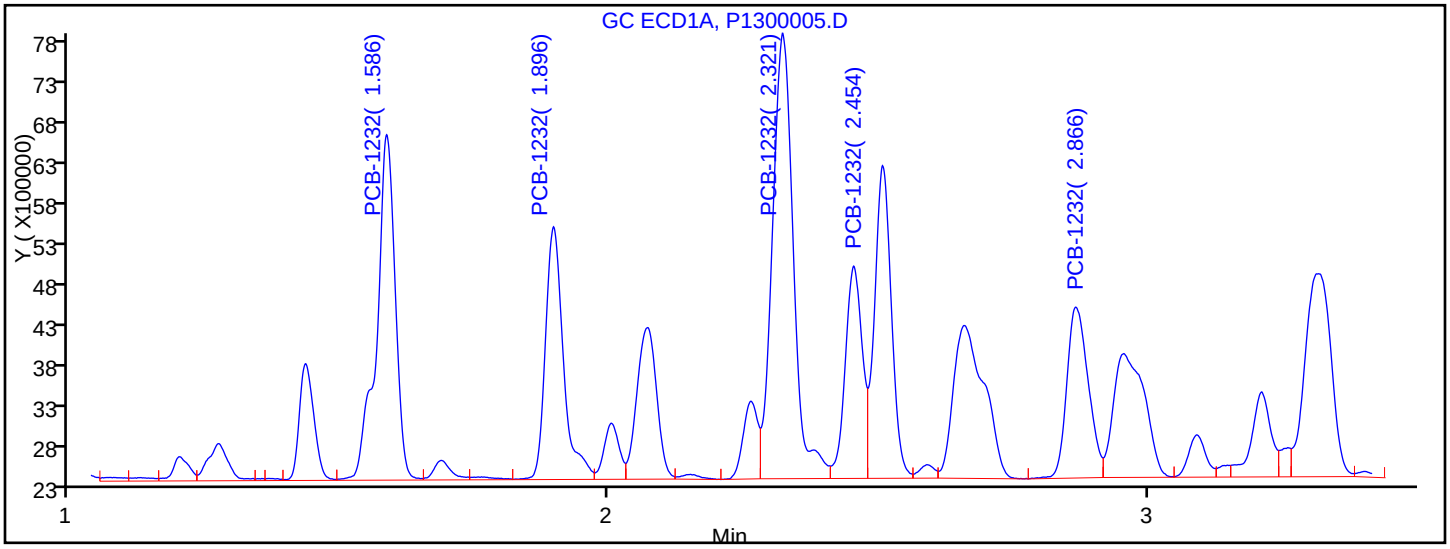
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

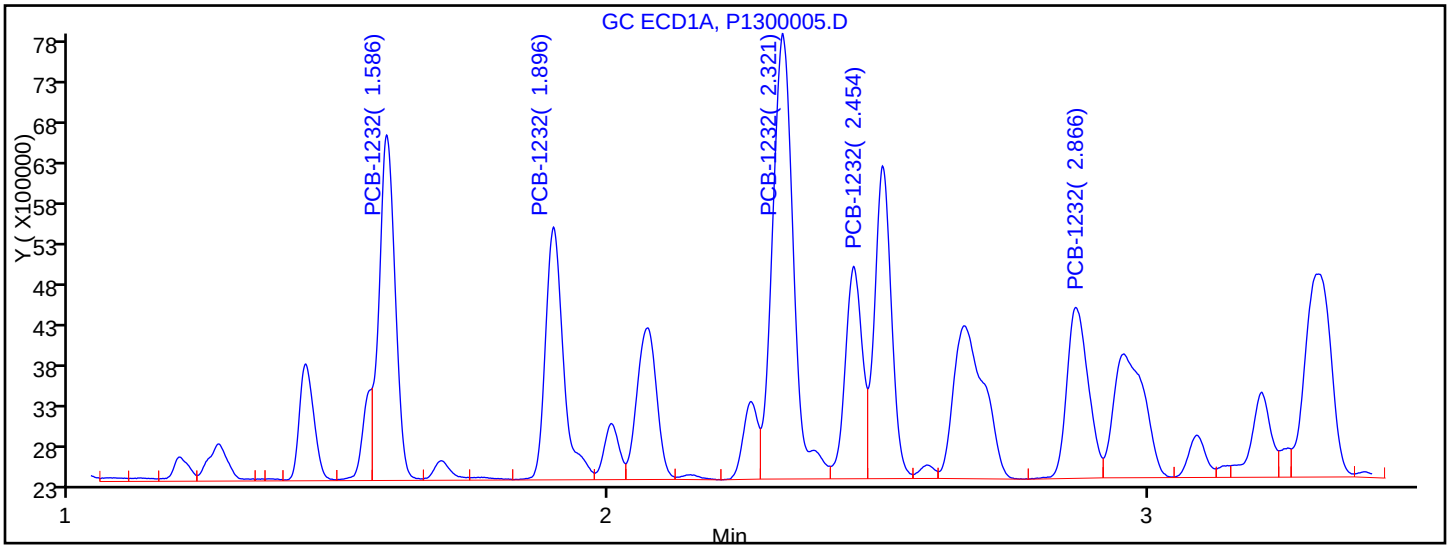
Injection Date:	21-Oct-2012 17:23:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

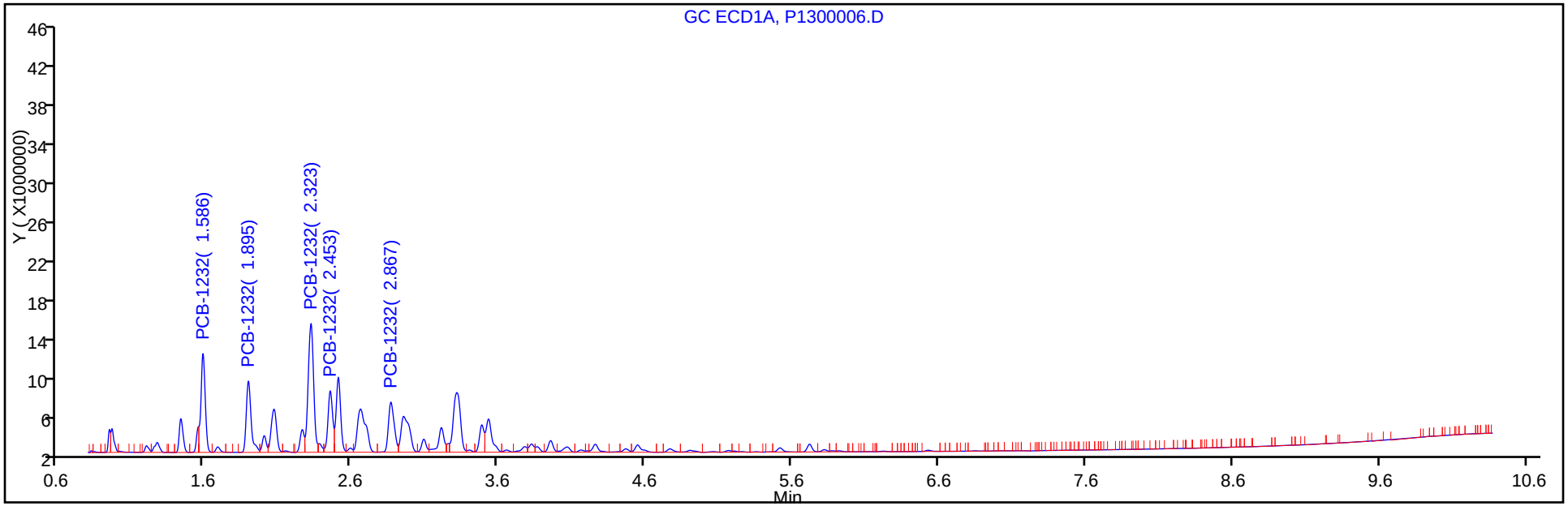
Report Date: 22-Oct-2012 09:18:43 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

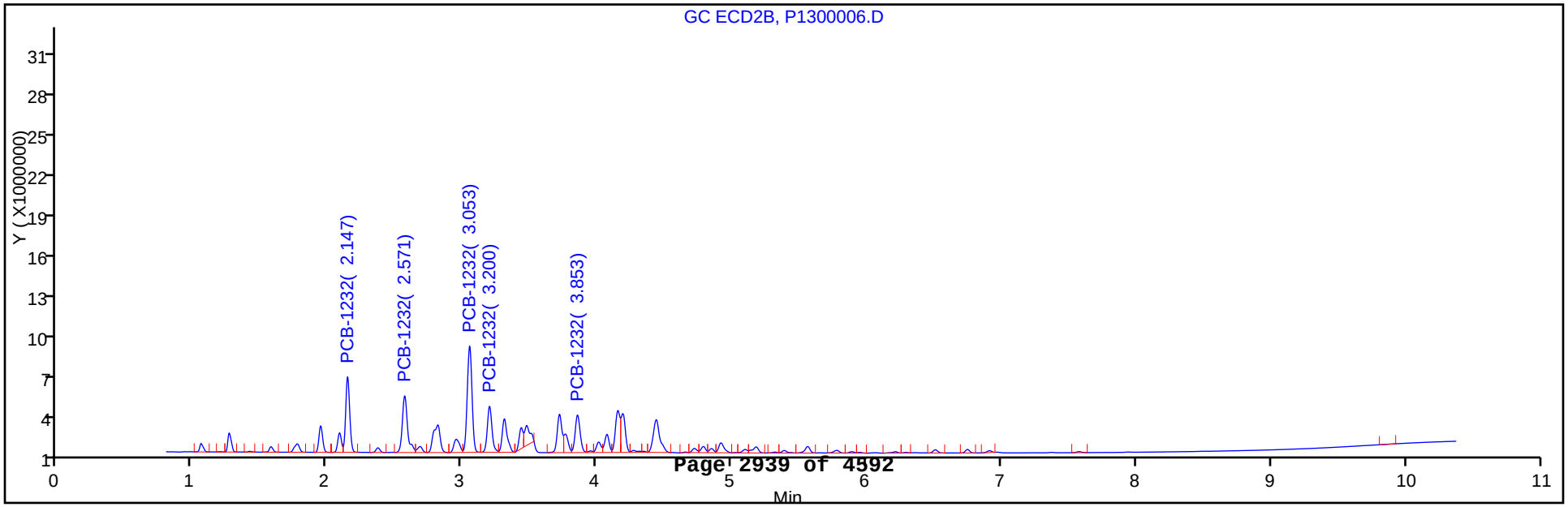
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D

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



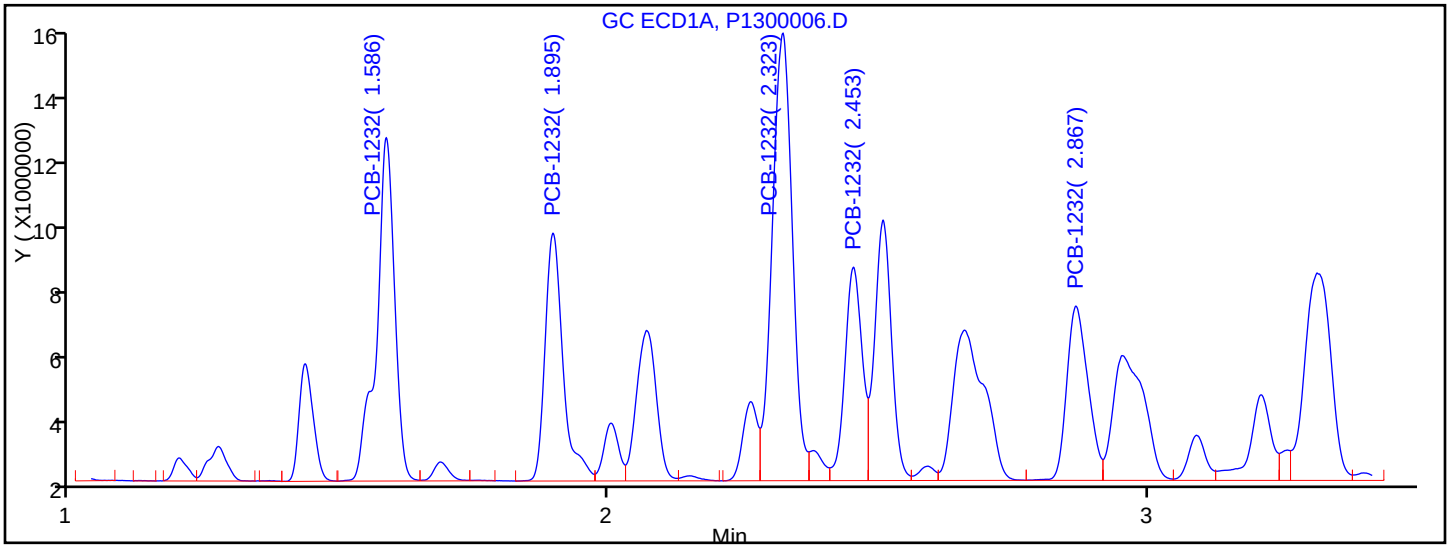
Report Date: 22-Oct-2012 09:18:44 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

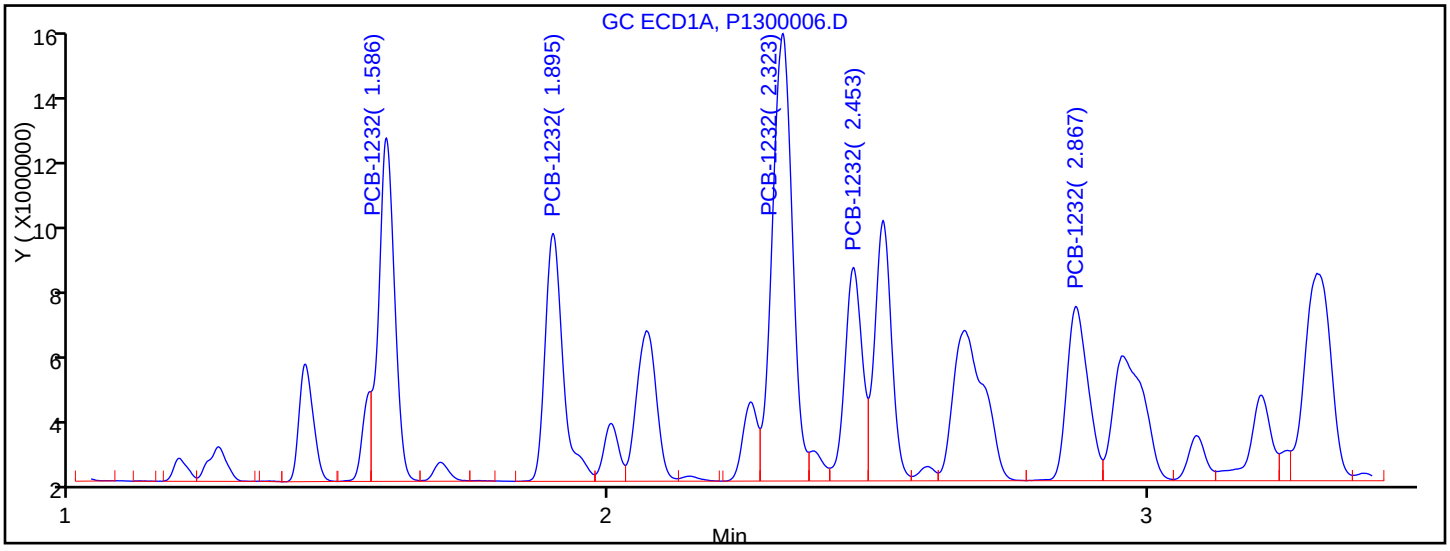
Injection Date:	21-Oct-2012 17:38:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

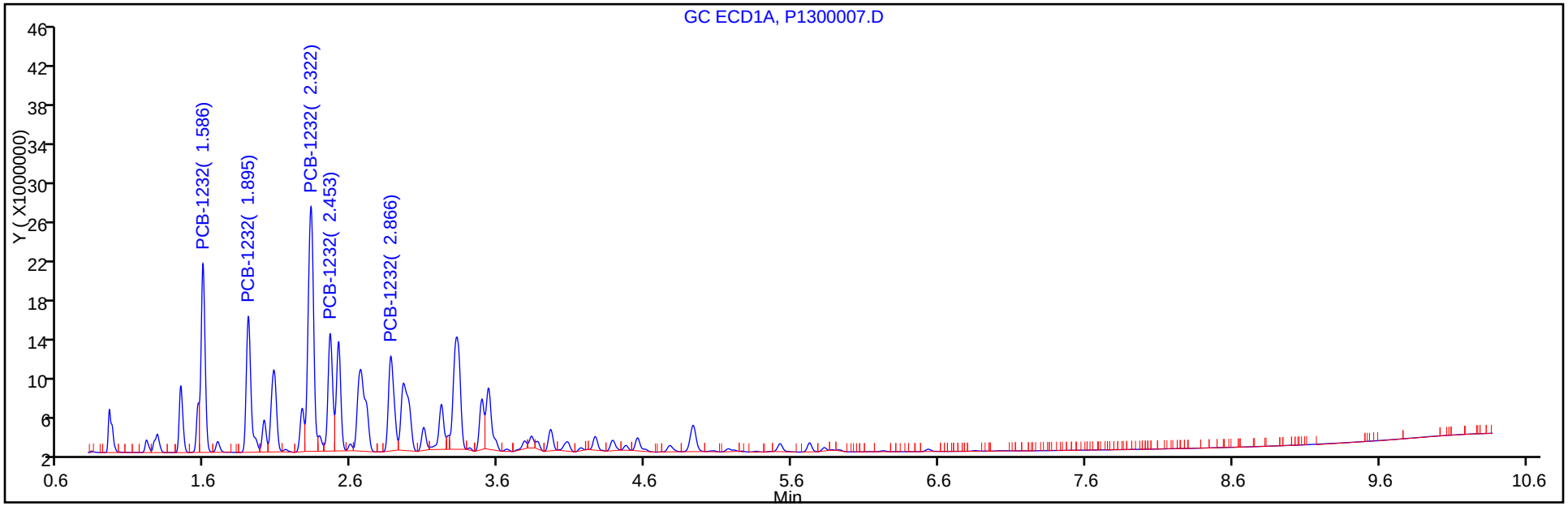
Report Date: 22-Oct-2012 09:18:42 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

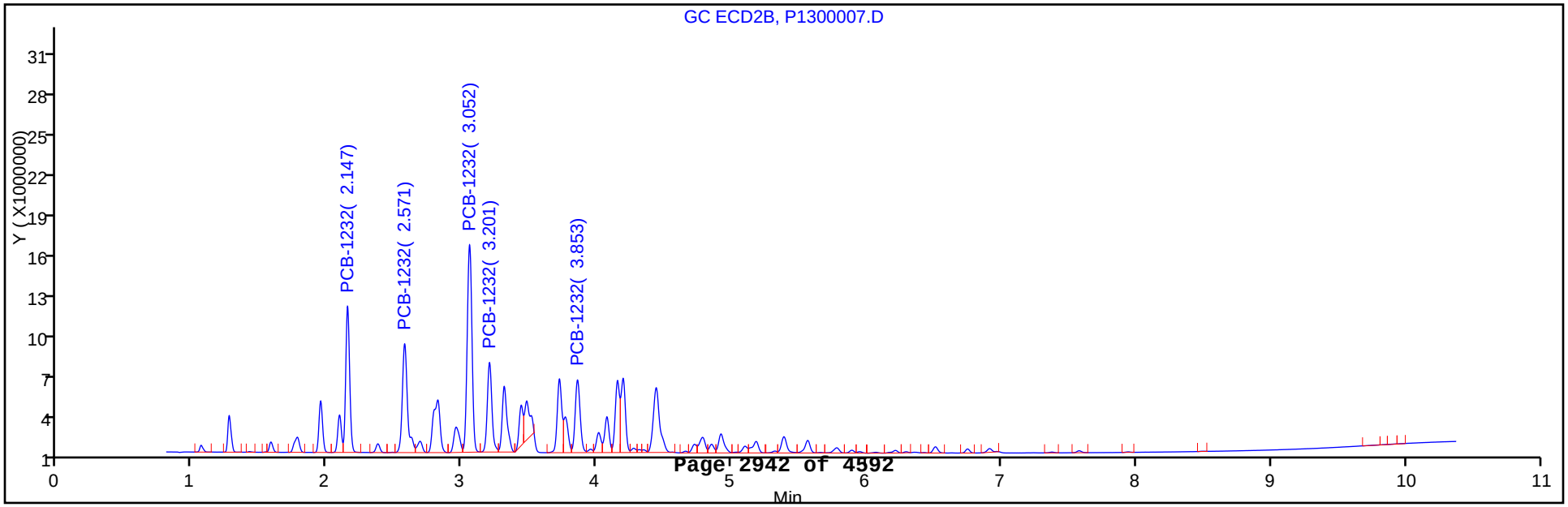
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D

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

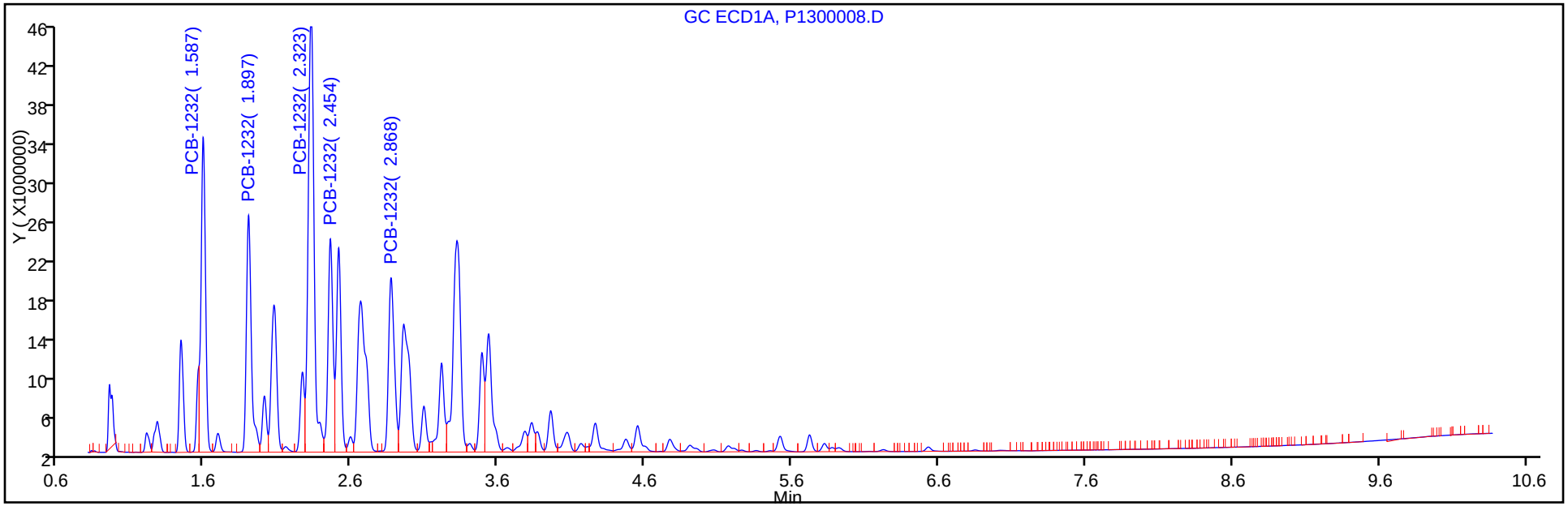
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

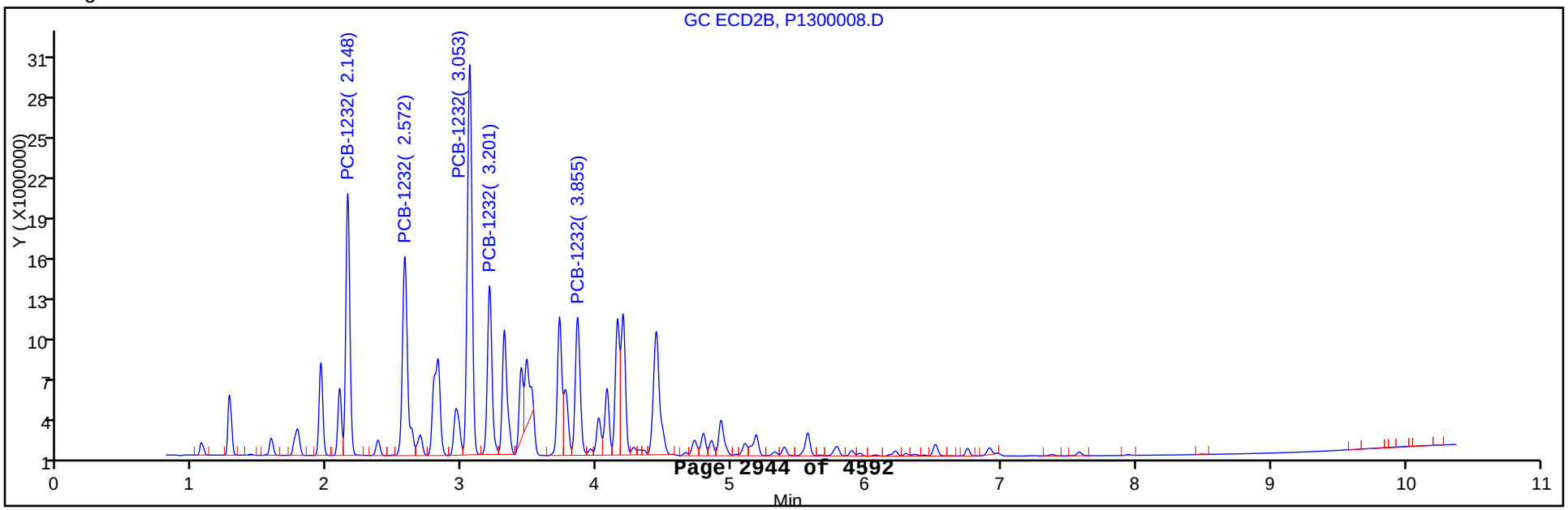
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

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



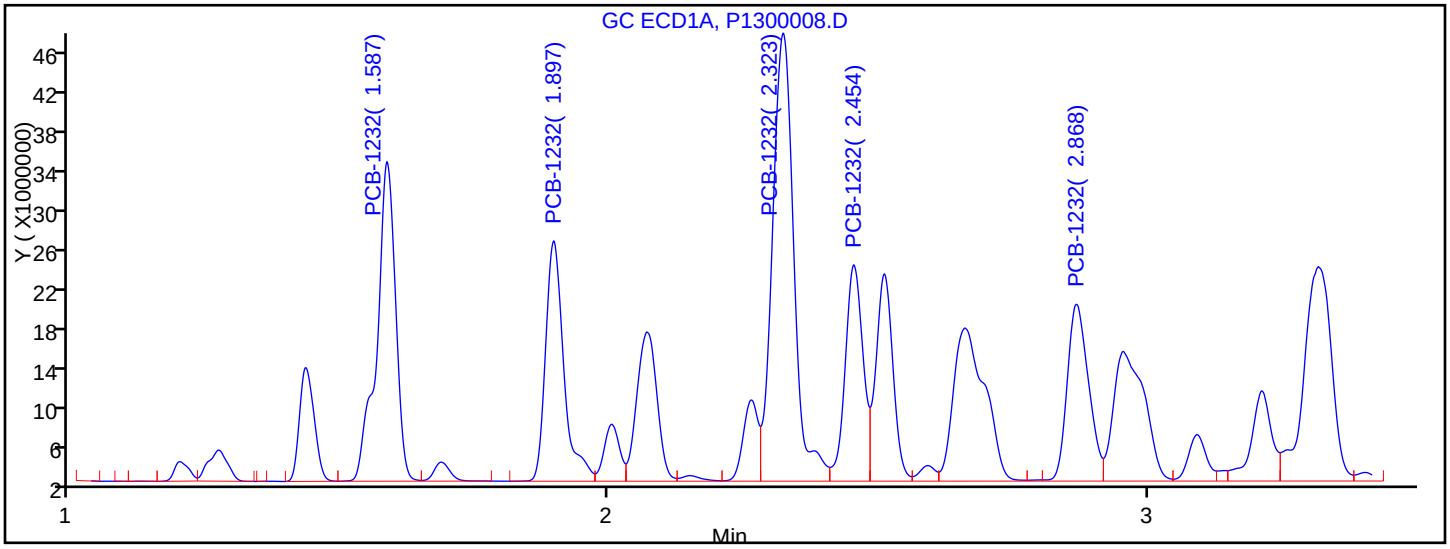
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

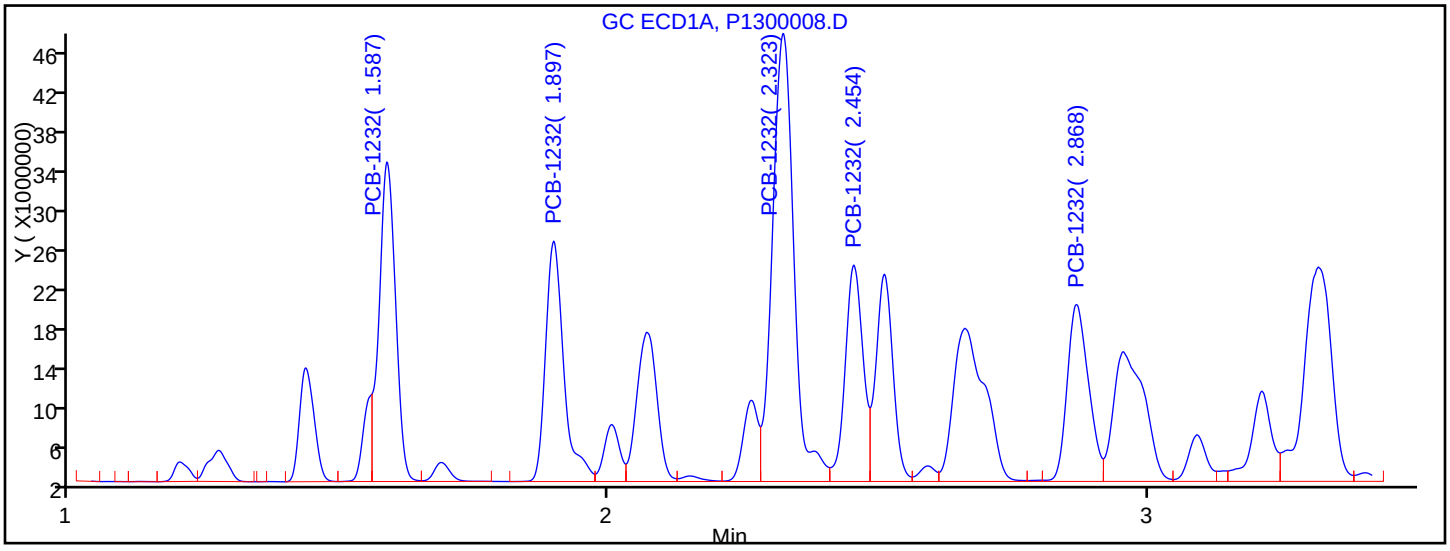
Injection Date:	21-Oct-2012 18:07:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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

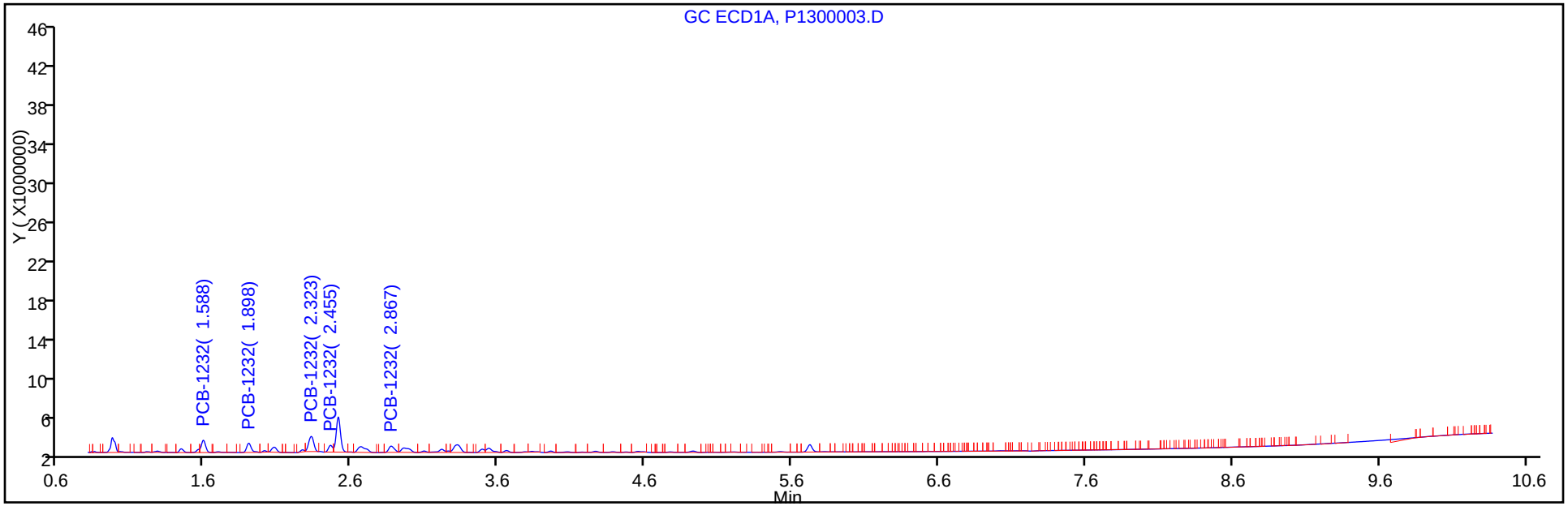
Report Date: 22-Oct-2012 09:18:49 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

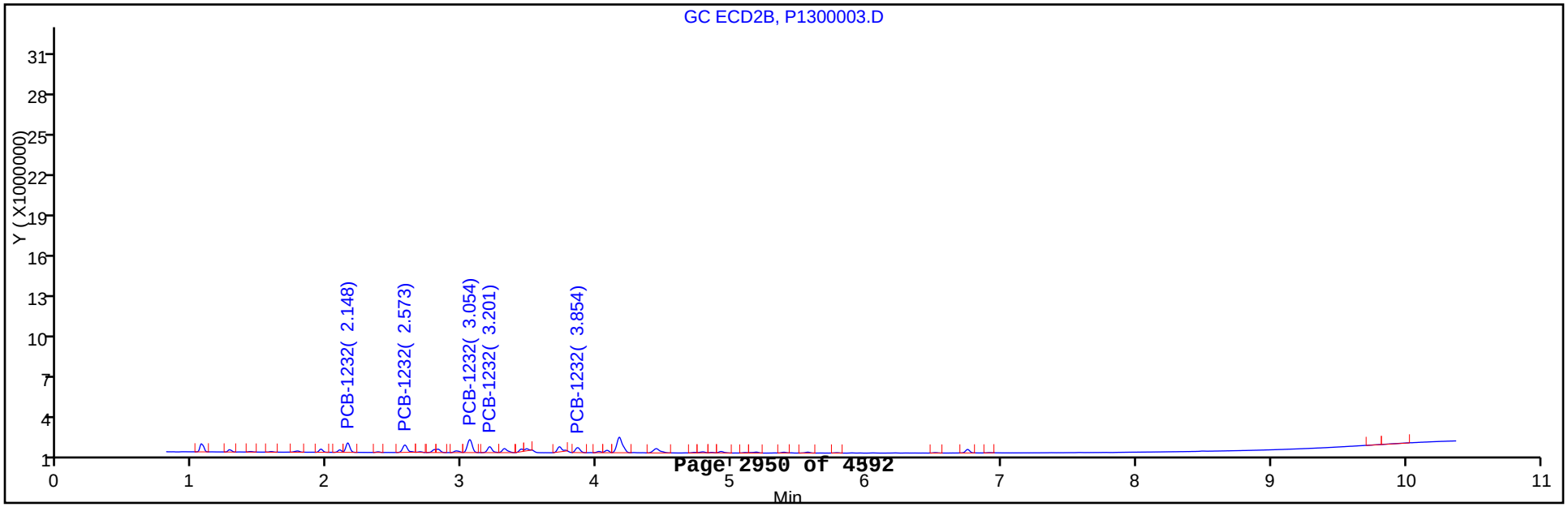
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D

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

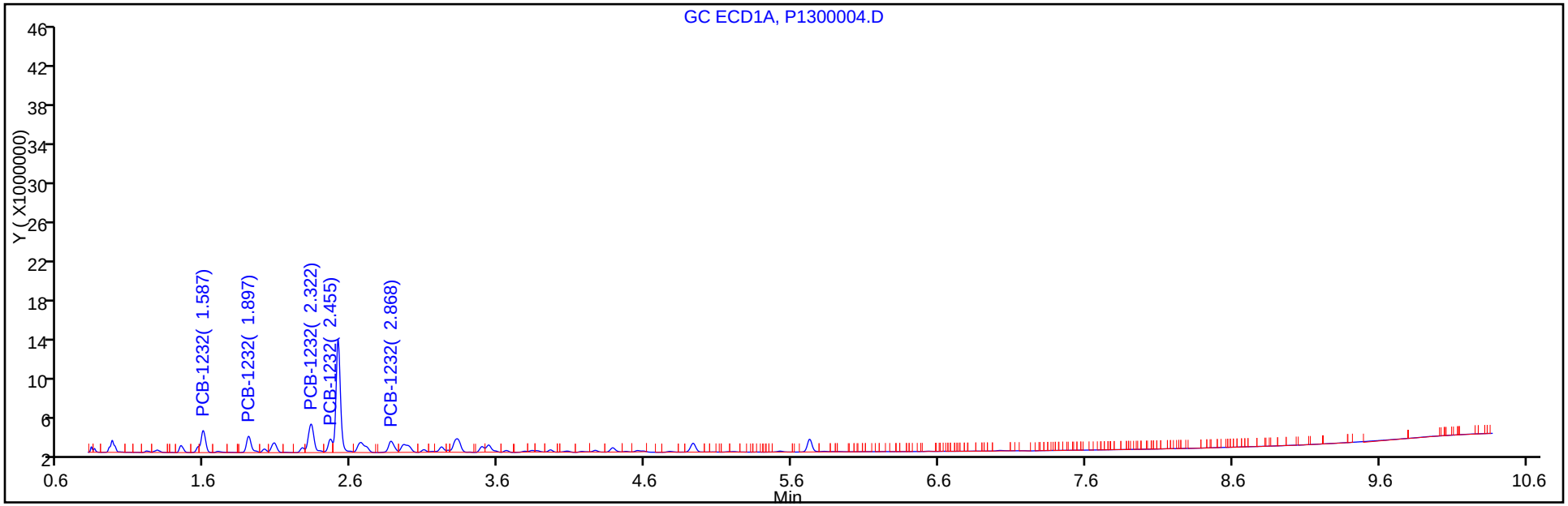
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

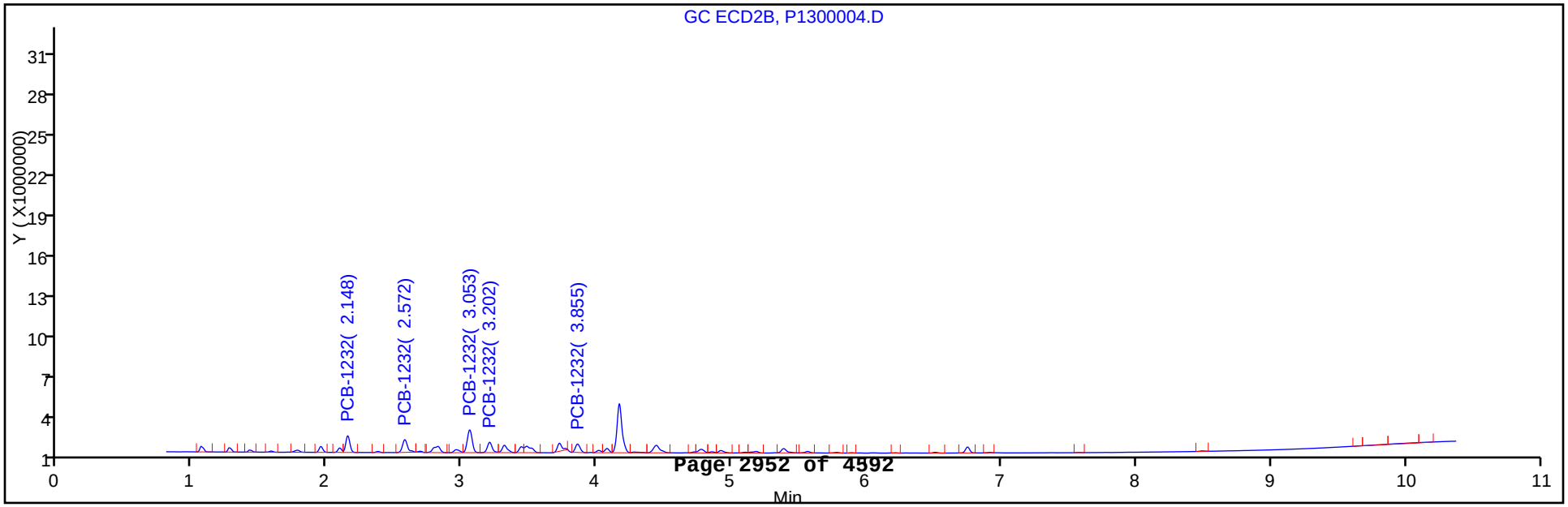
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

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

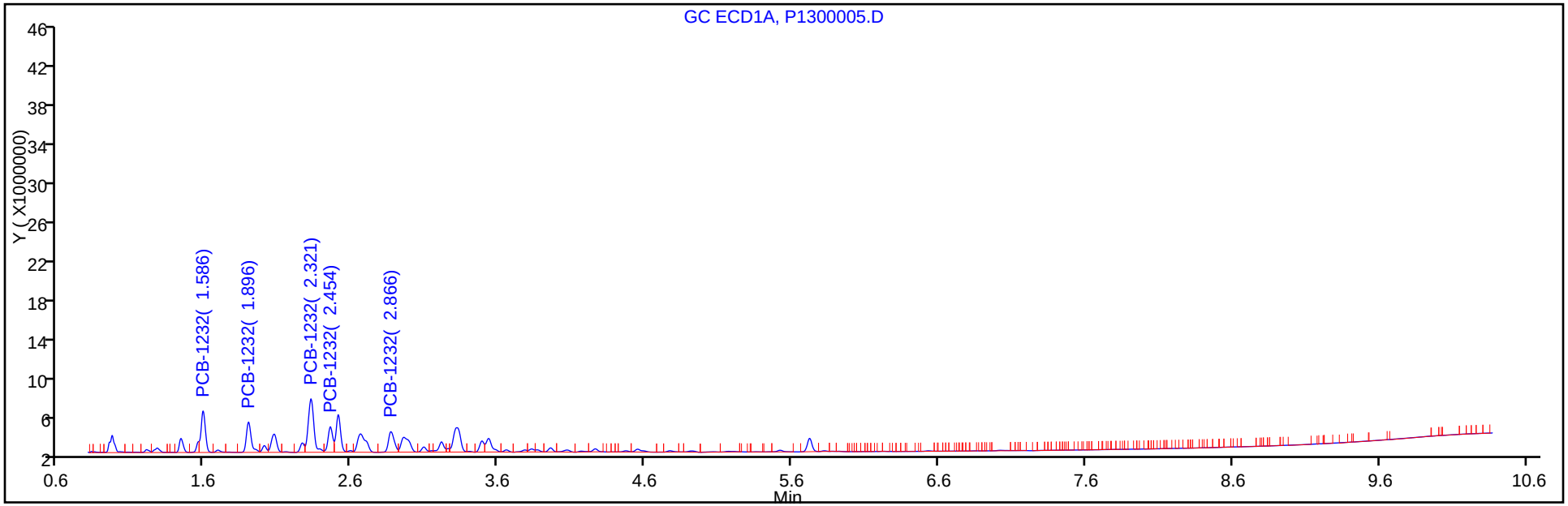
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

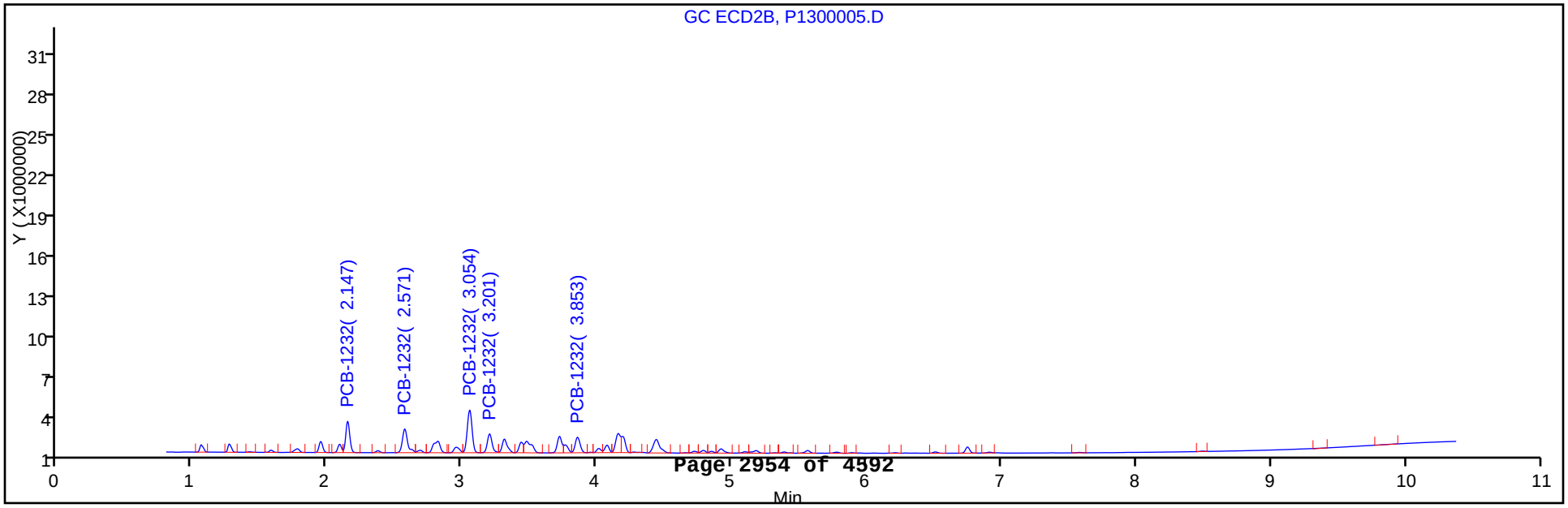
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

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

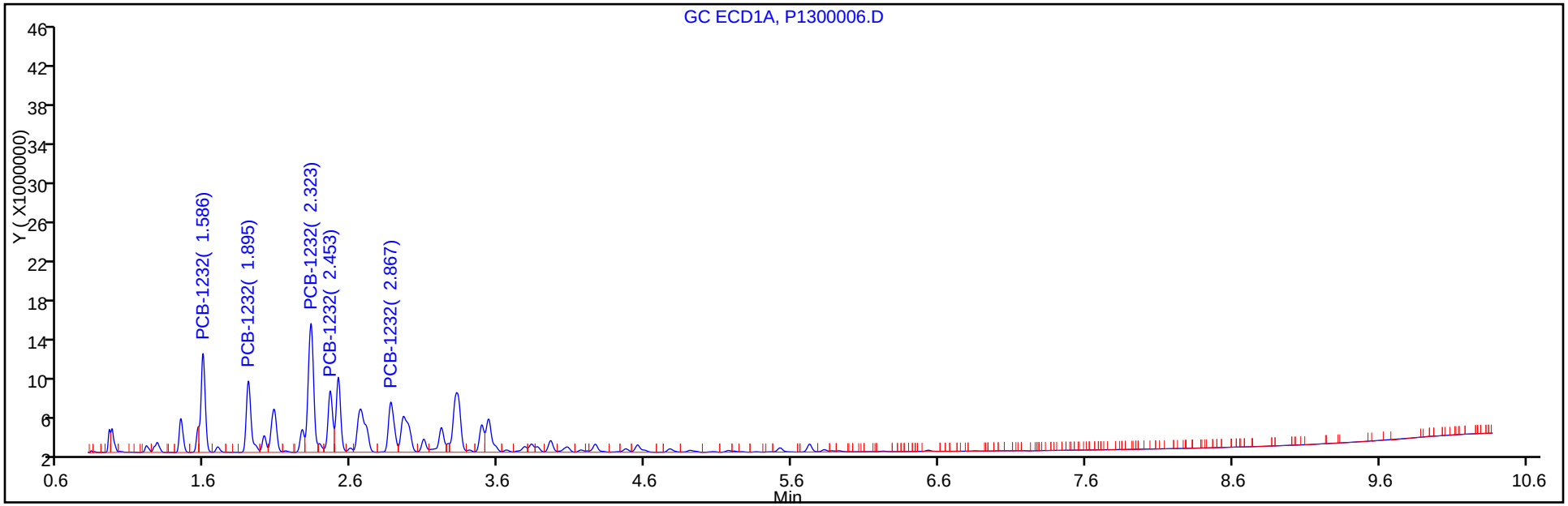
Report Date: 22-Oct-2012 09:18:44 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

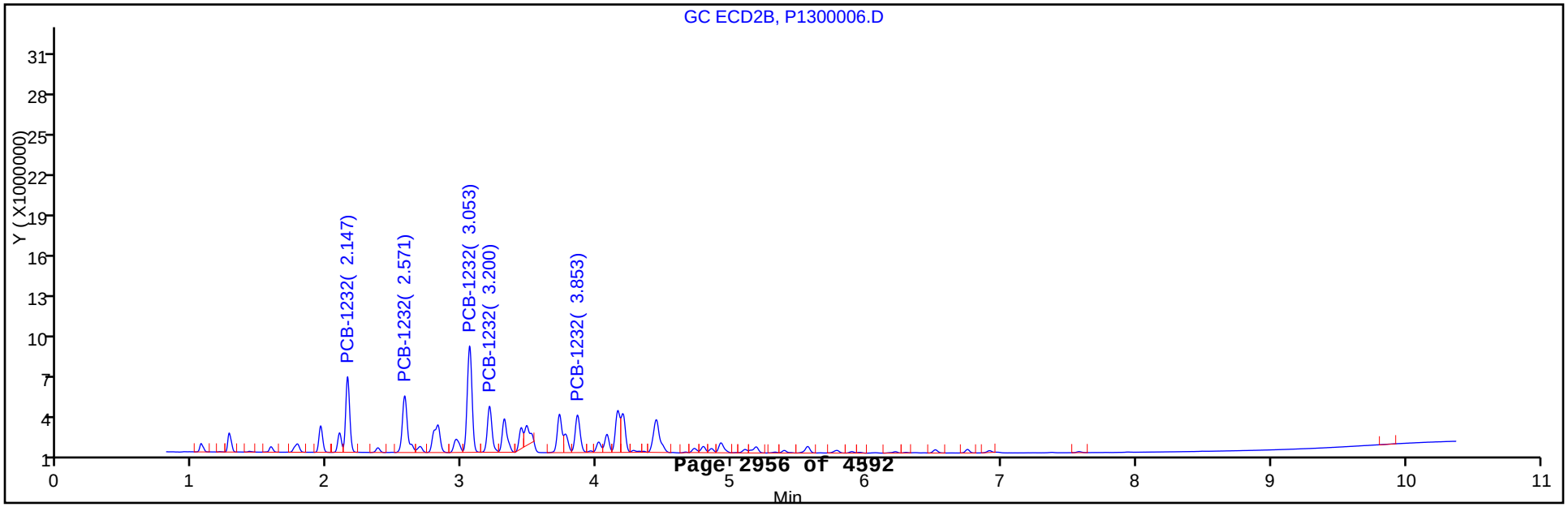
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D

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



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			

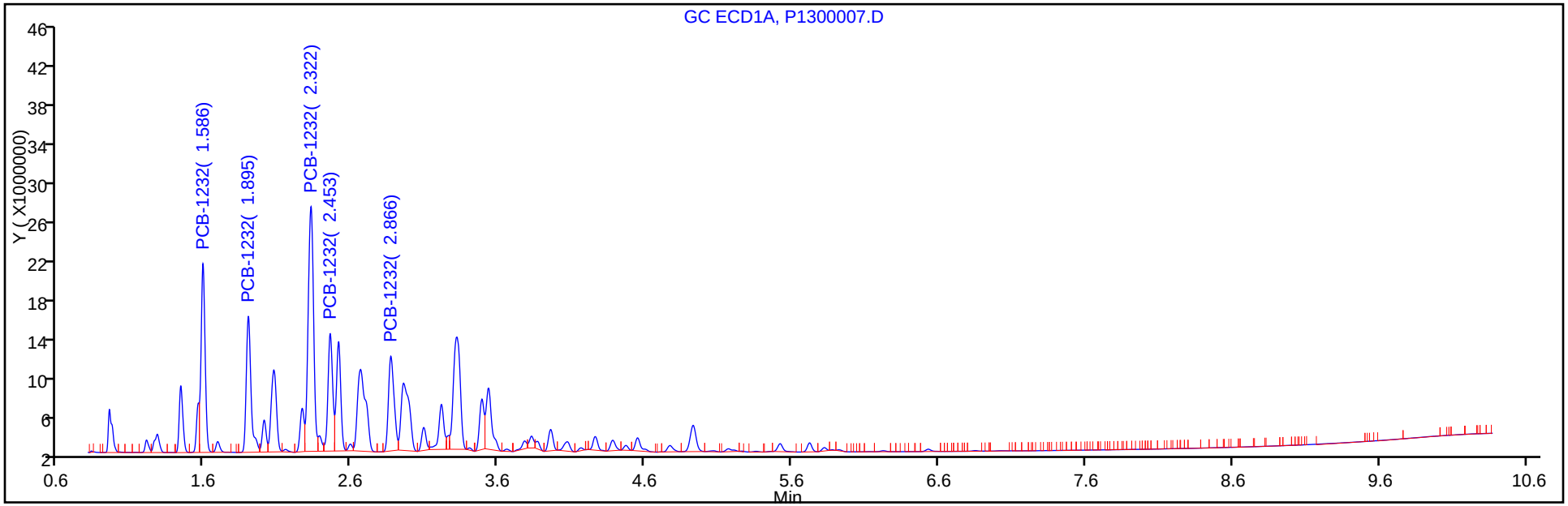
Report Date: 22-Oct-2012 09:18:42 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

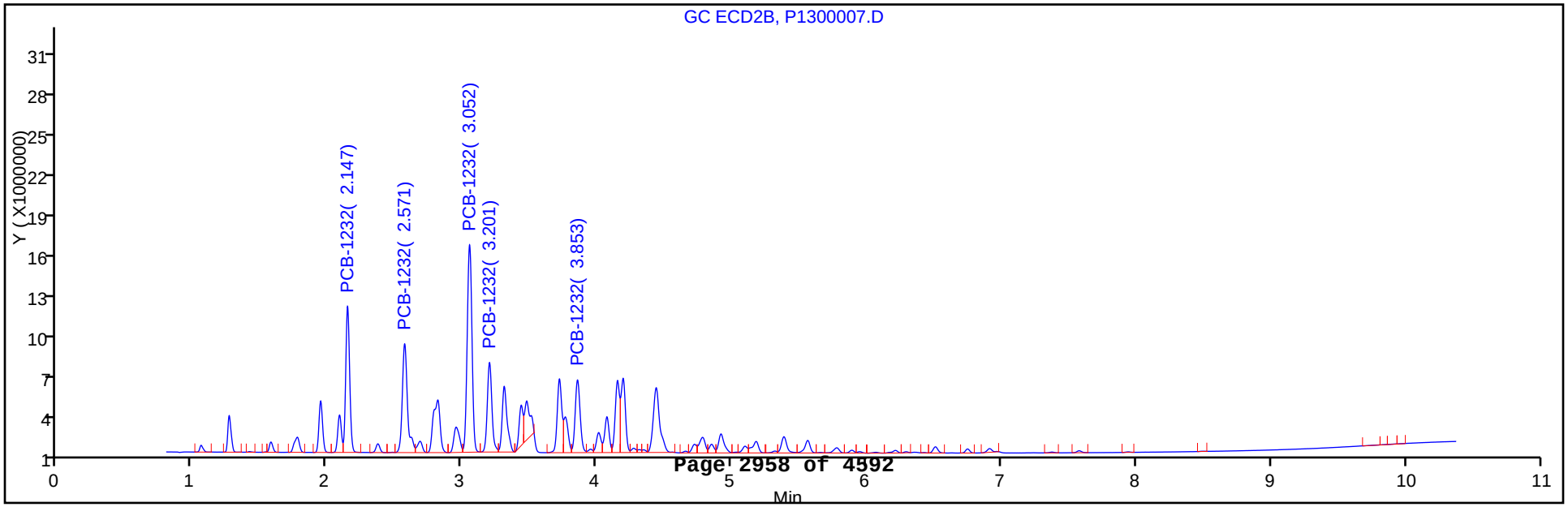
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D

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

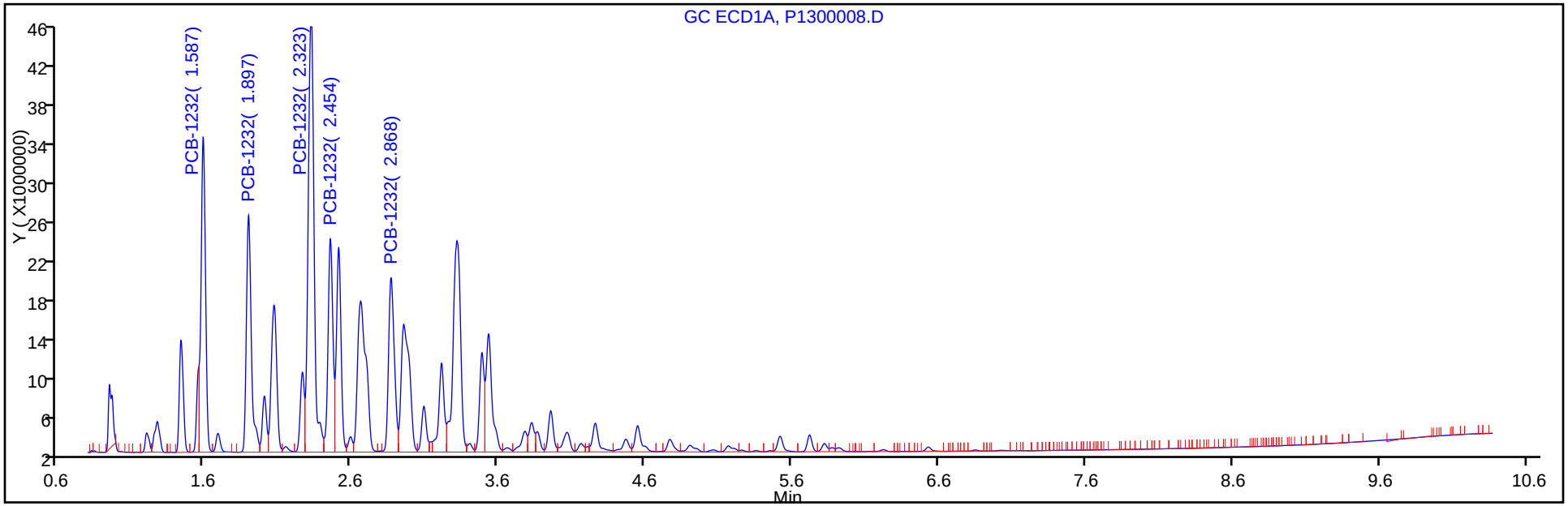
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

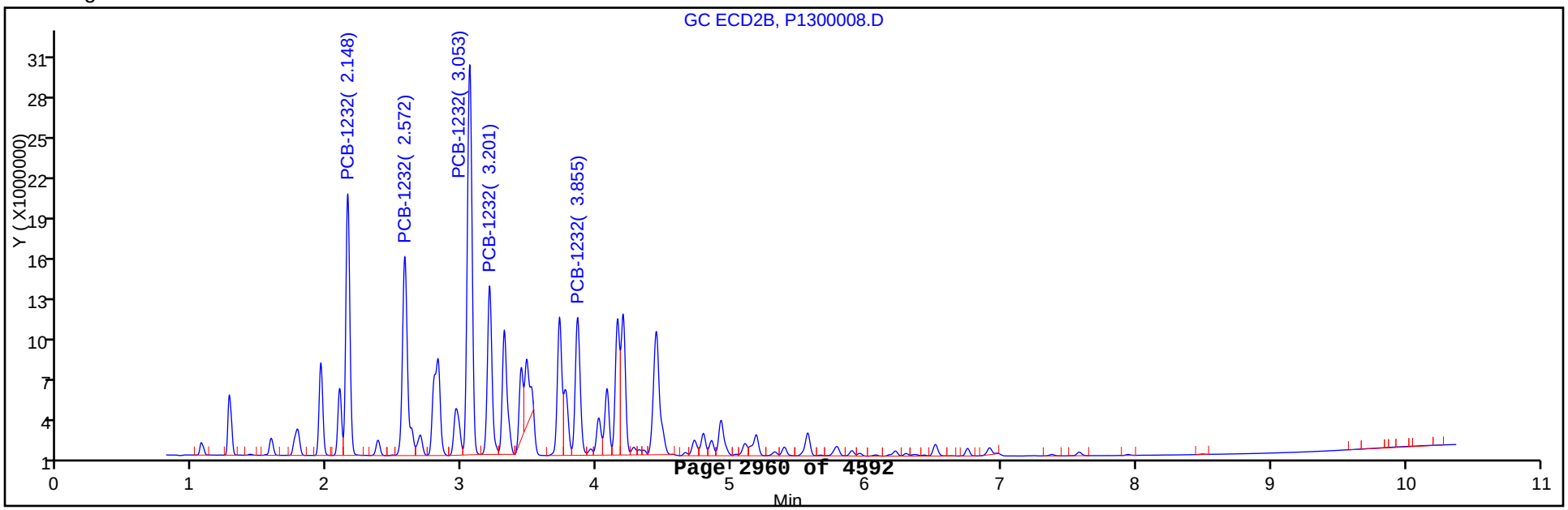
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

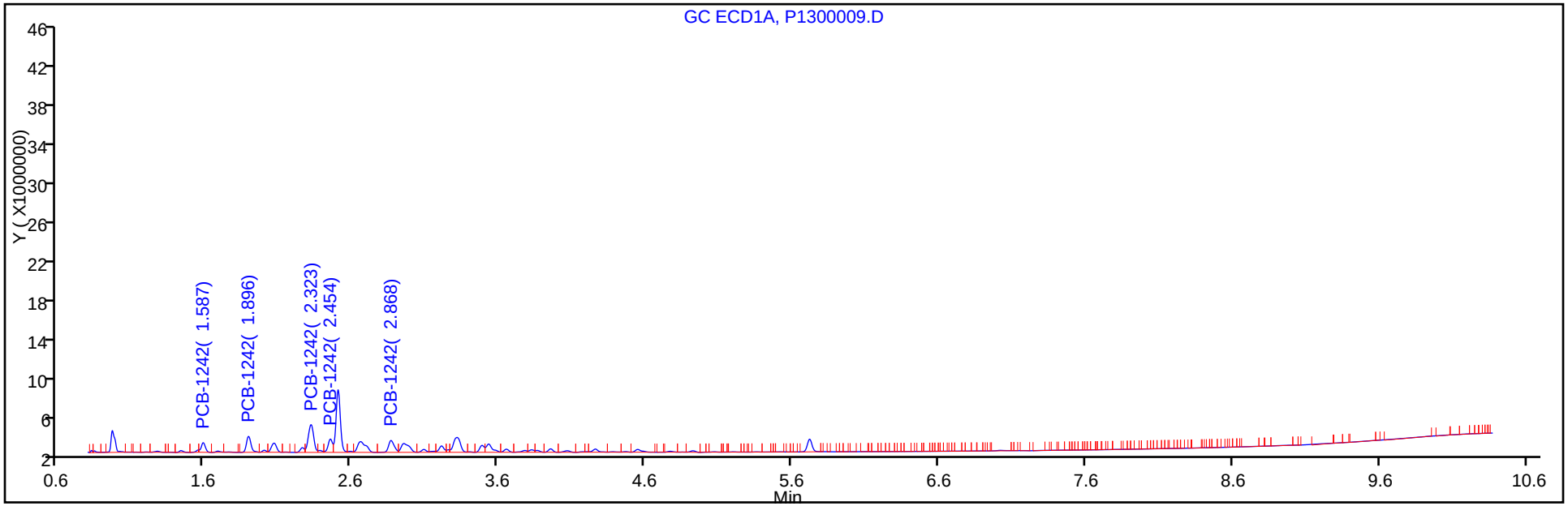
Report Date: 22-Oct-2012 09:18:39 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

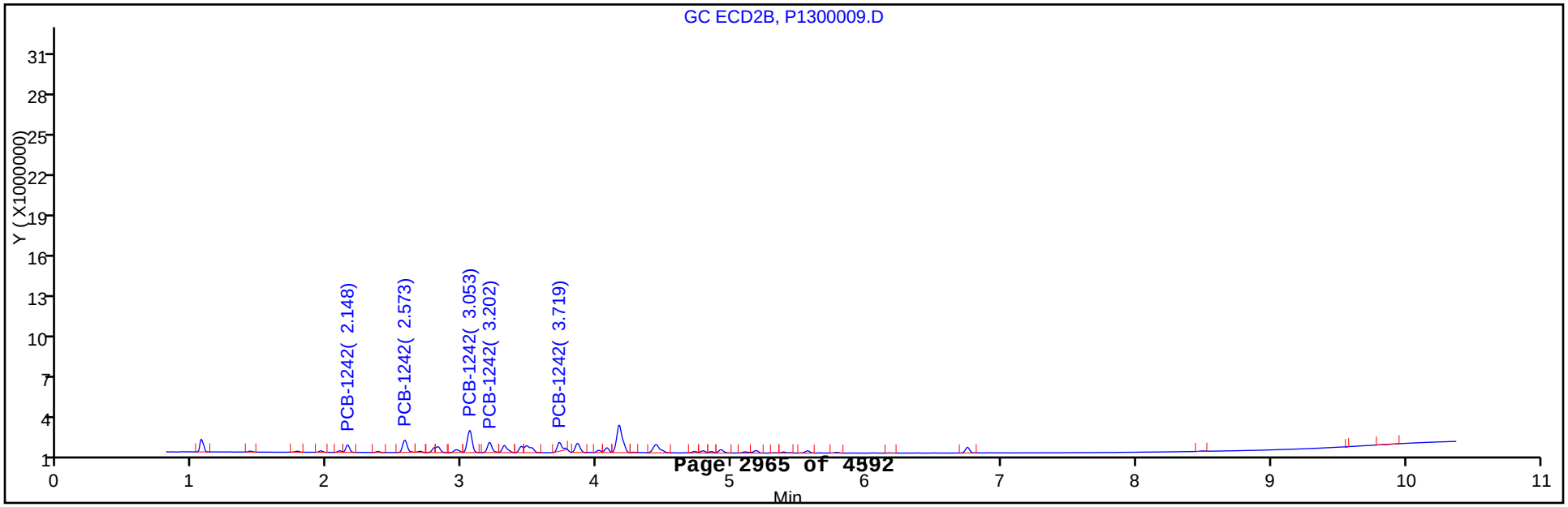
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D

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

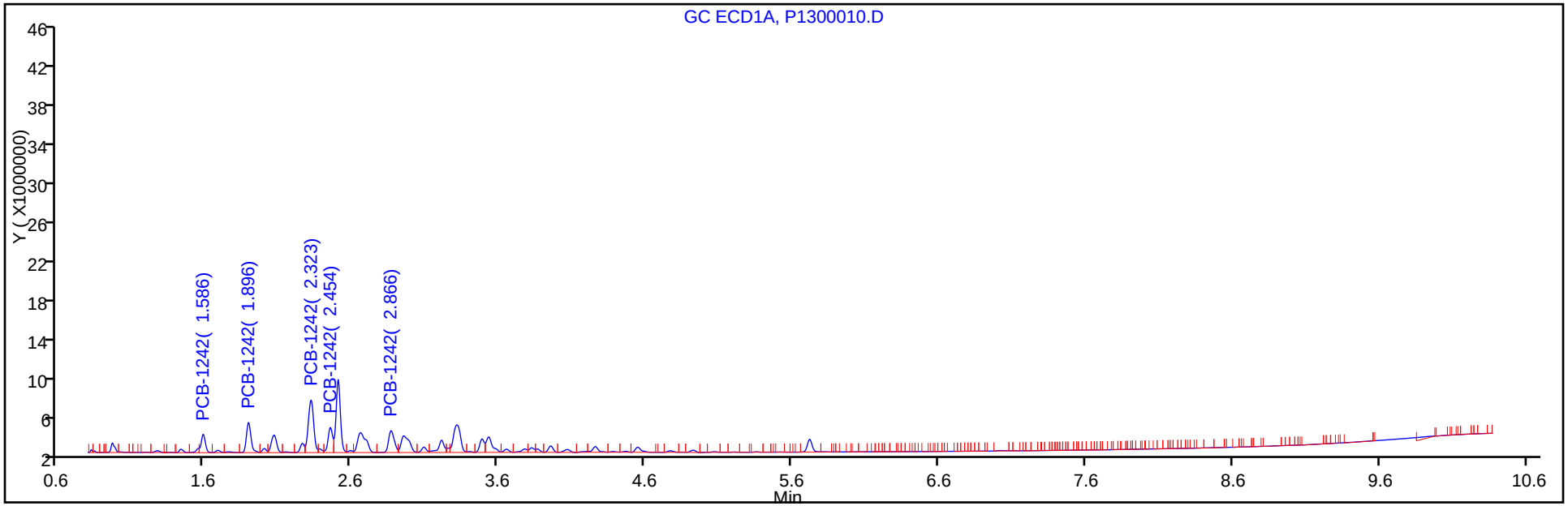
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

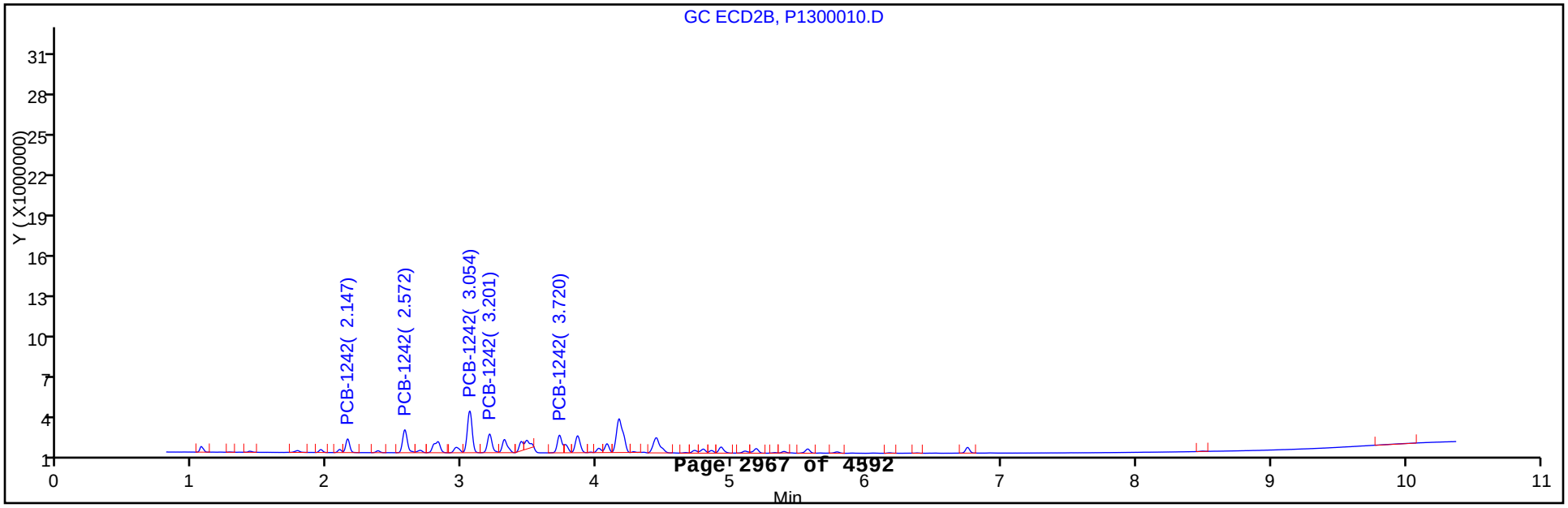
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

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



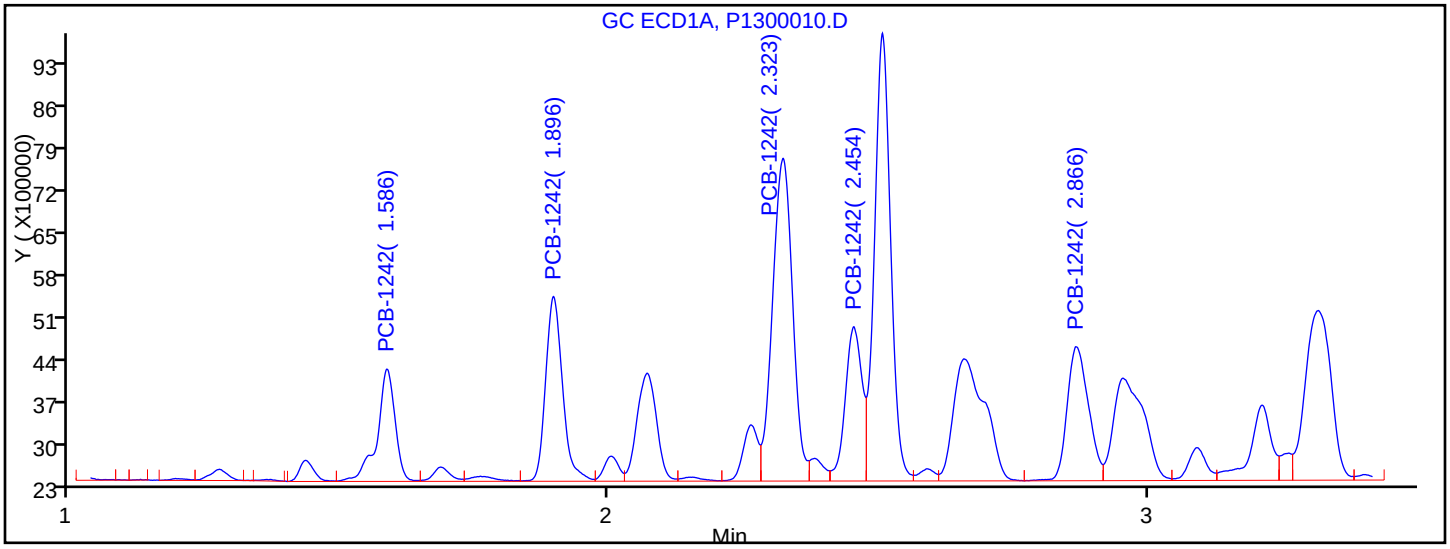
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

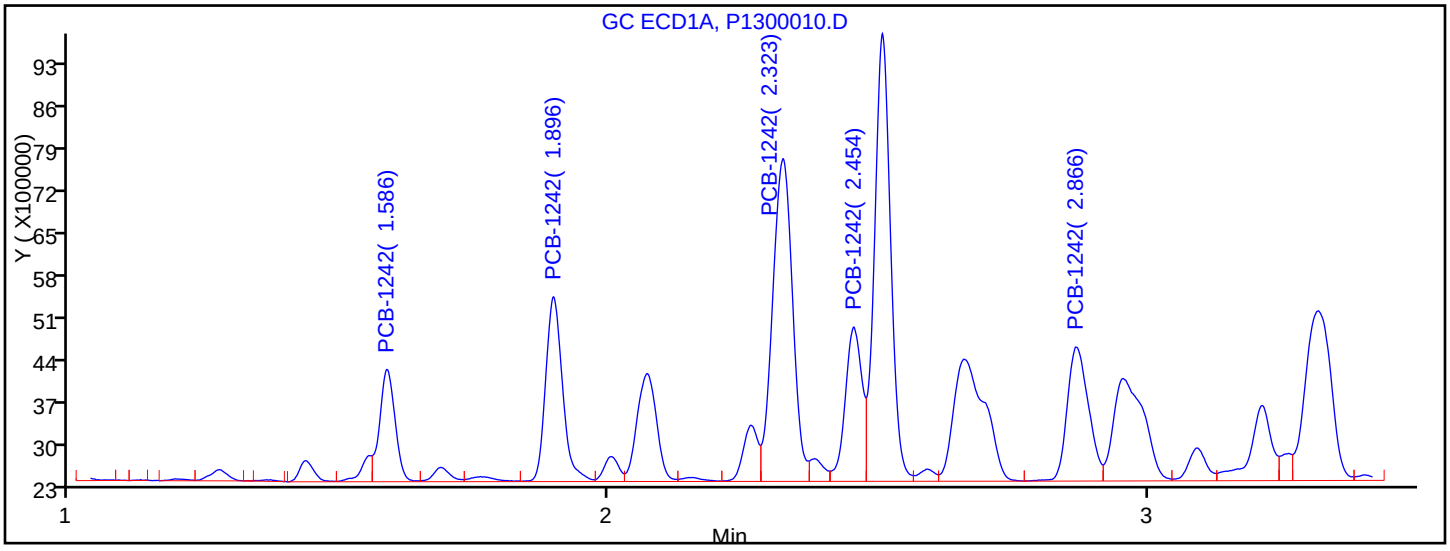
Injection Date:	21-Oct-2012 18:37:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

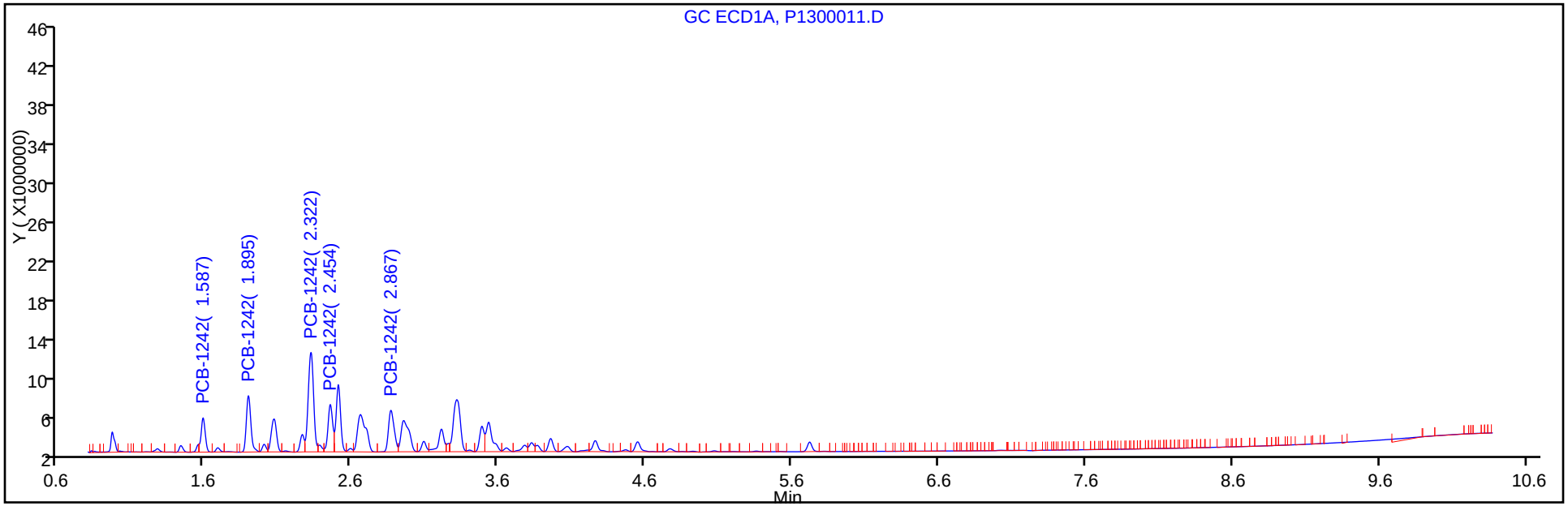
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

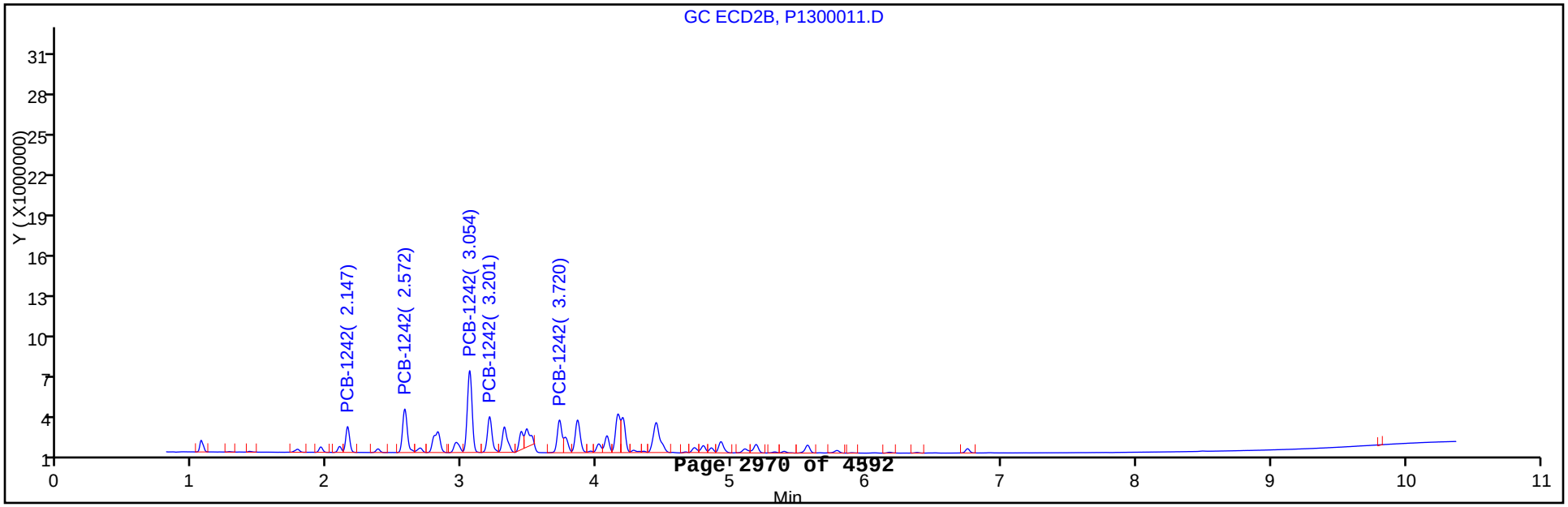
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

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



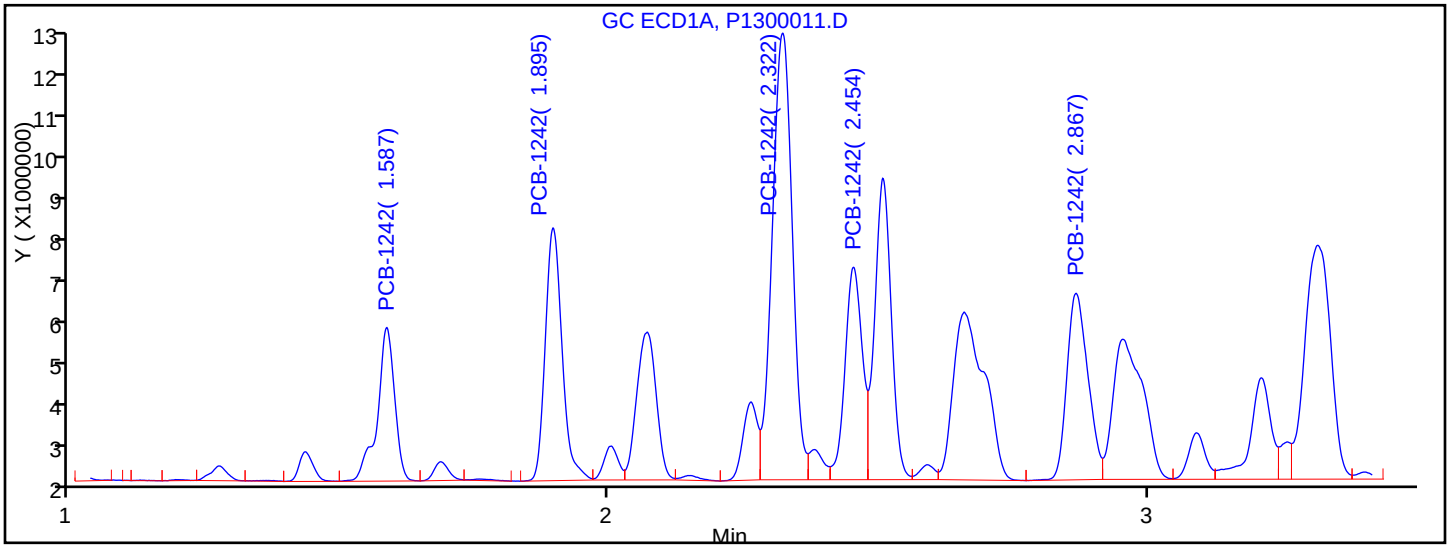
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

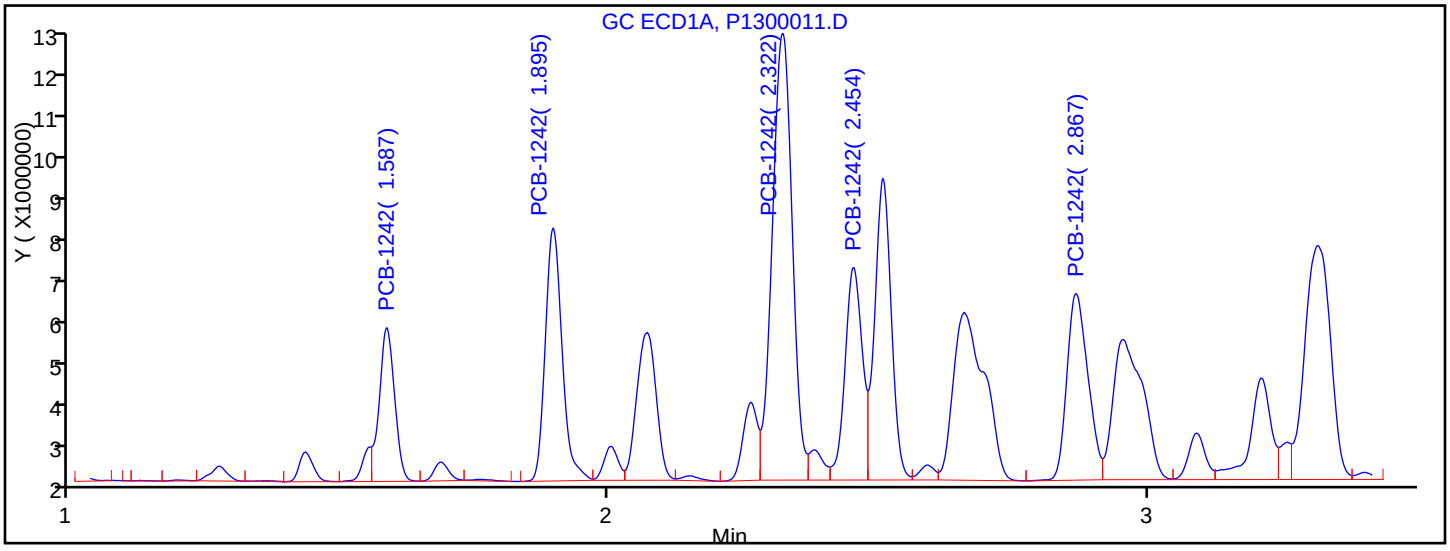
Injection Date:	21-Oct-2012 18:52:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

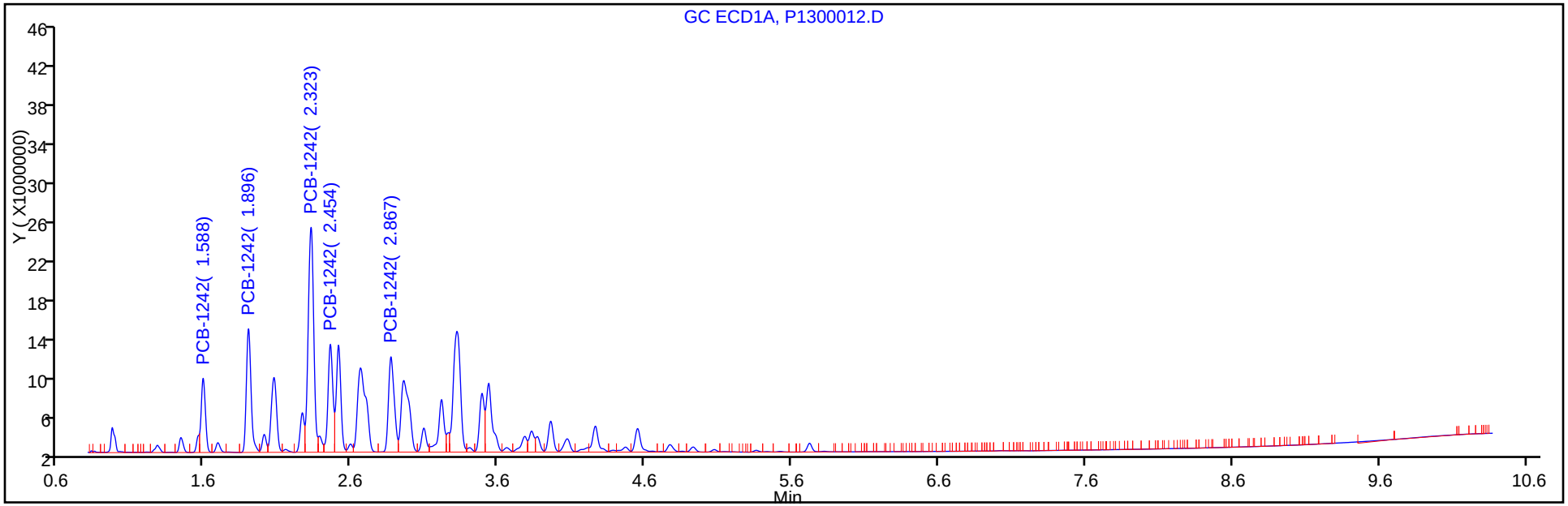
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

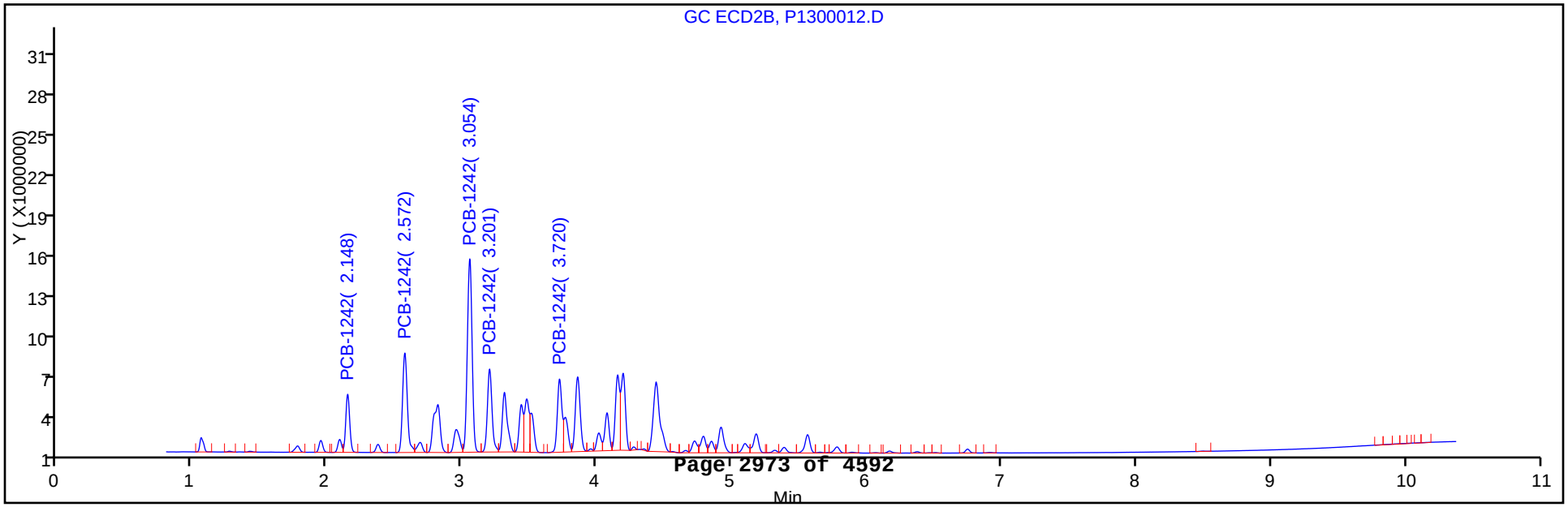
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

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



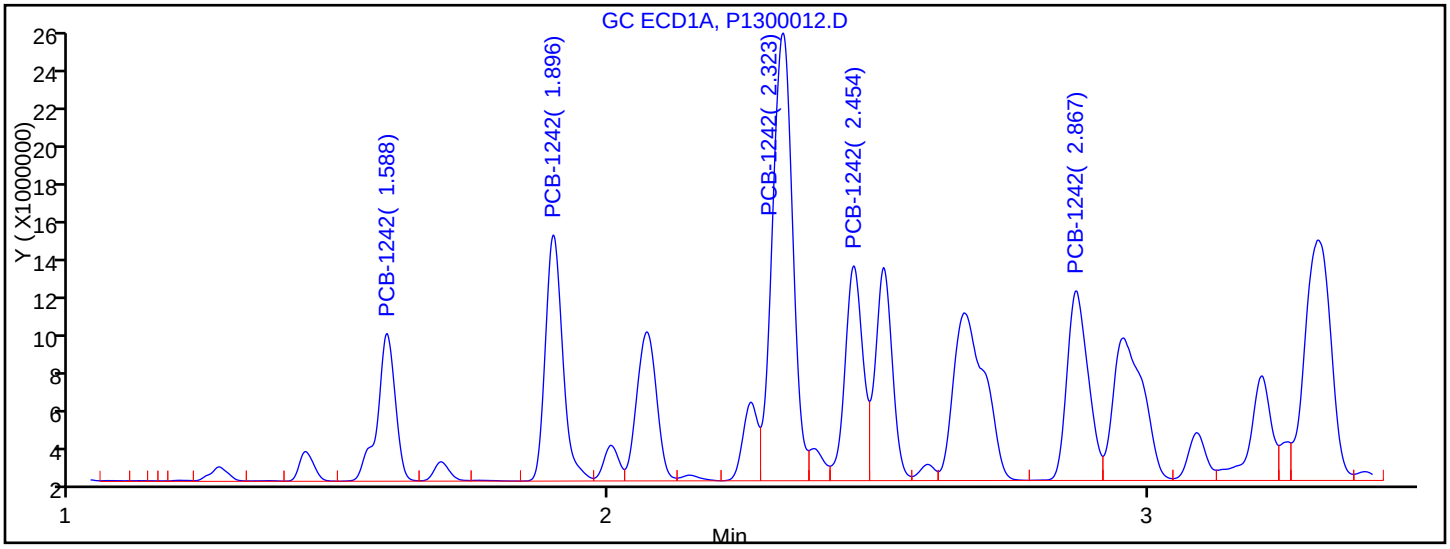
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

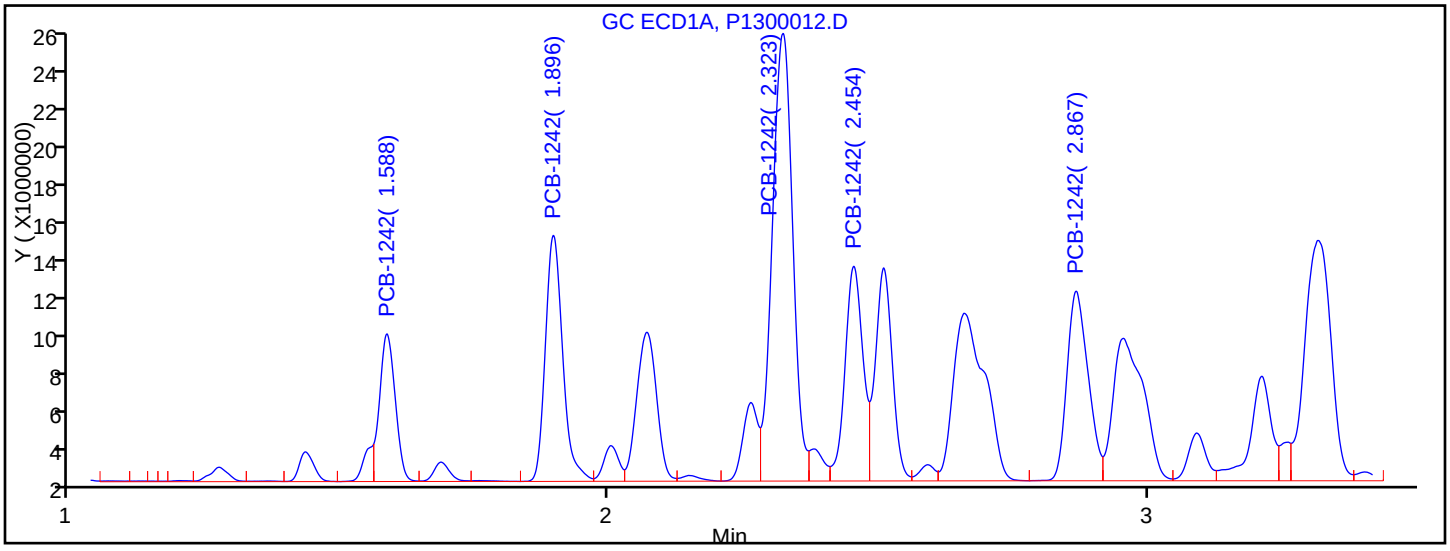
Injection Date:	21-Oct-2012 19:07:42	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

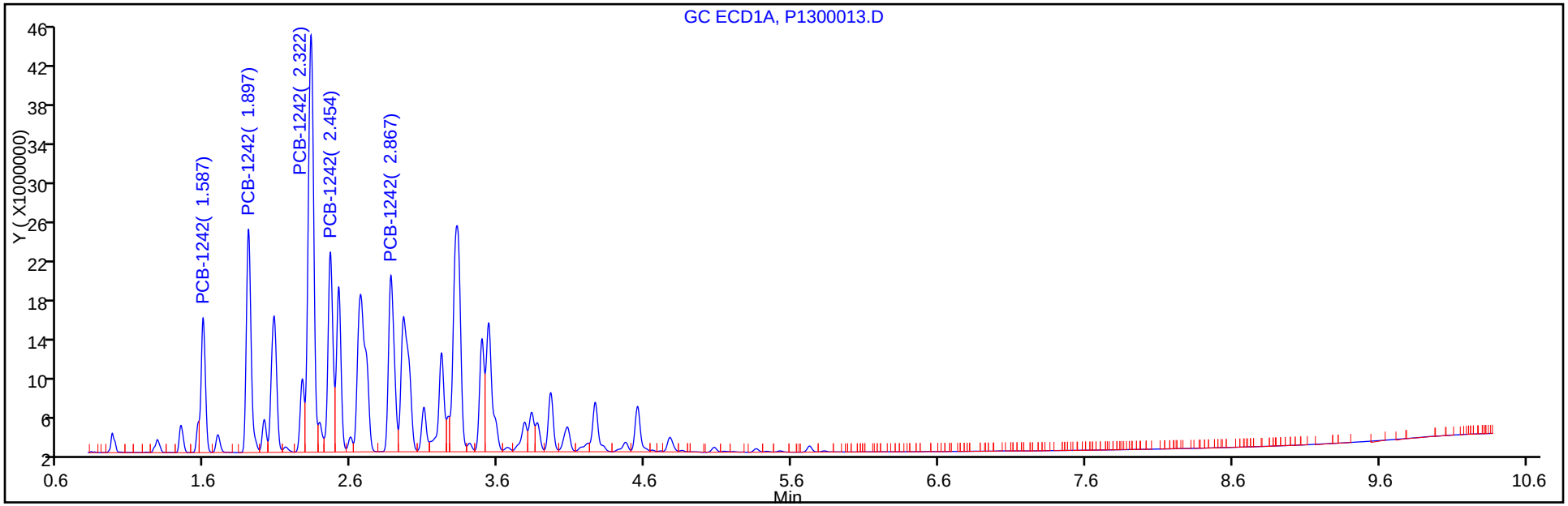
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

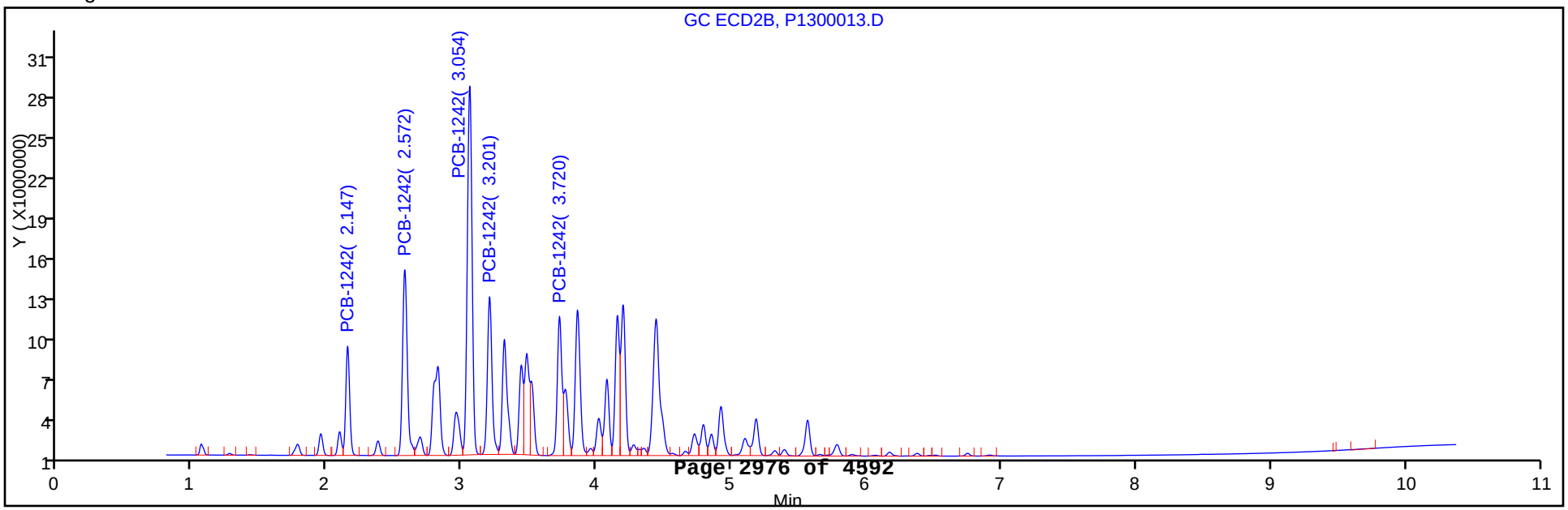
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

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



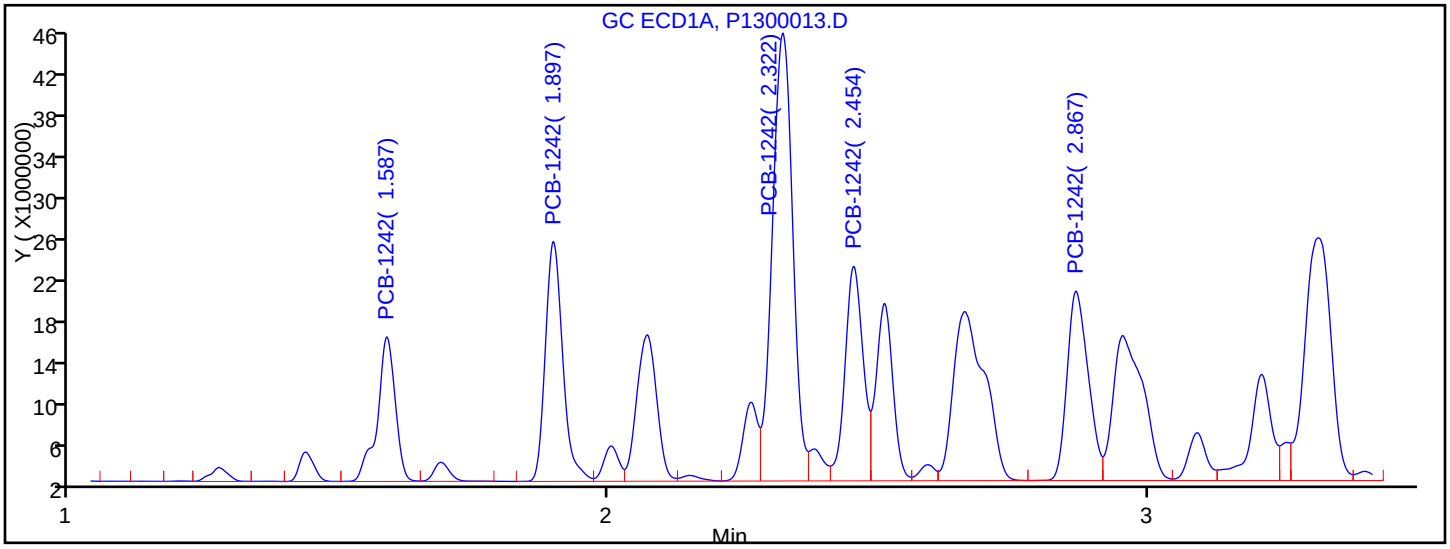
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

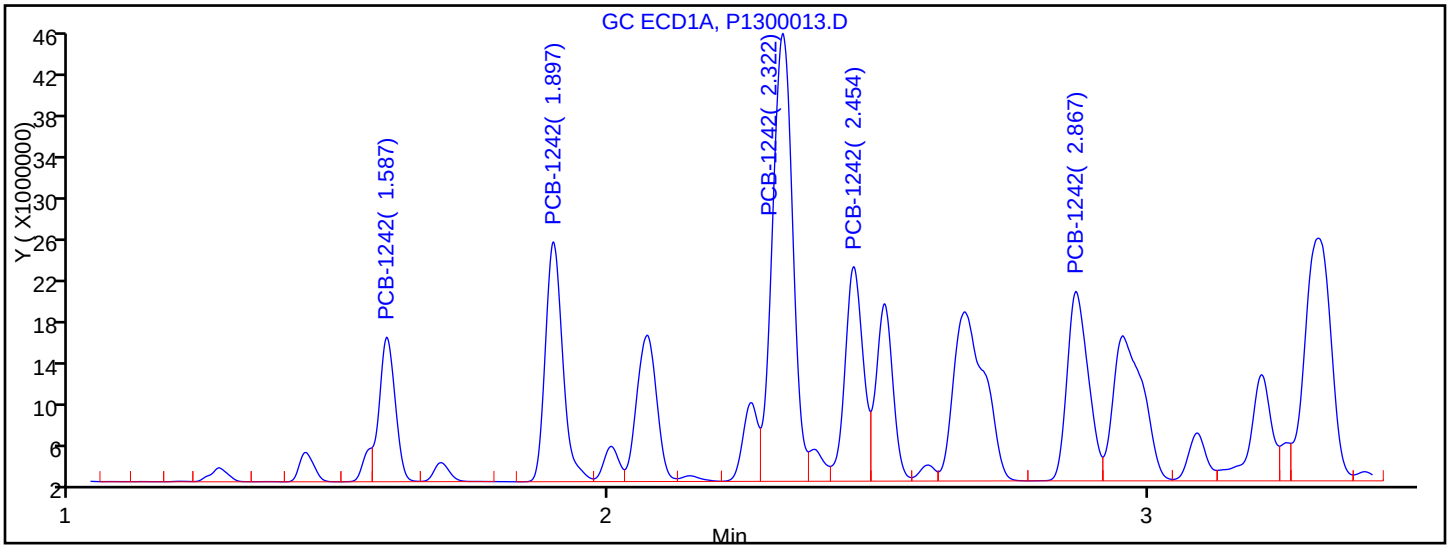
Injection Date:	21-Oct-2012 19:22:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

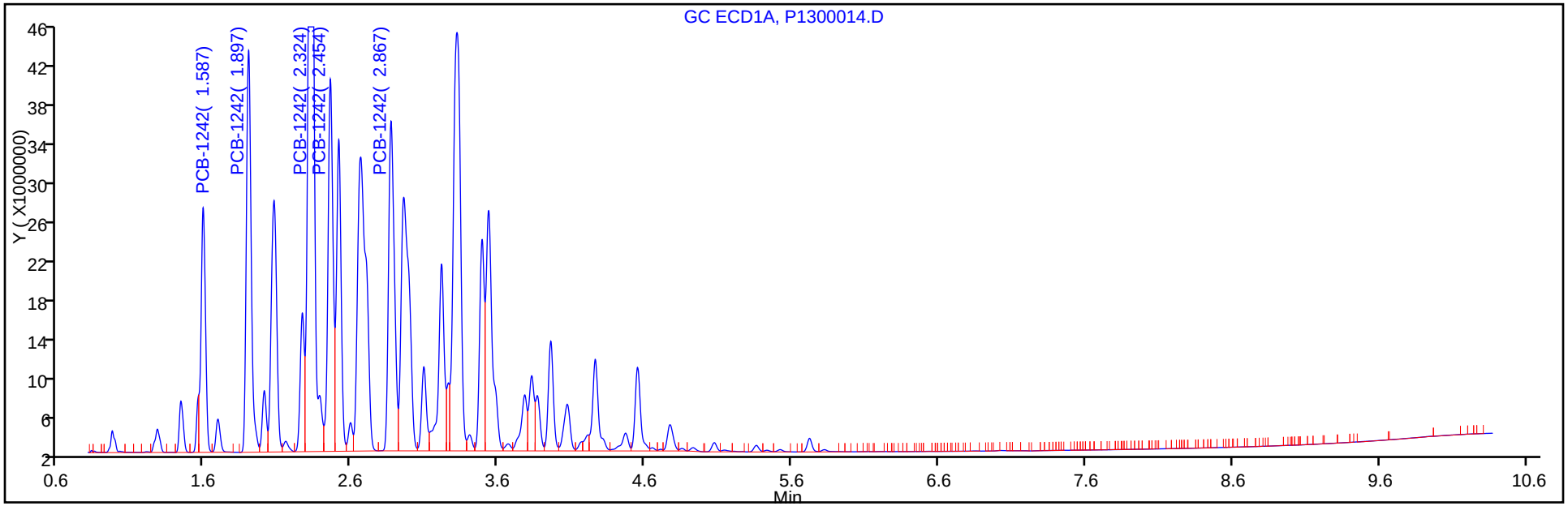
Report Date: 22-Oct-2012 09:18:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

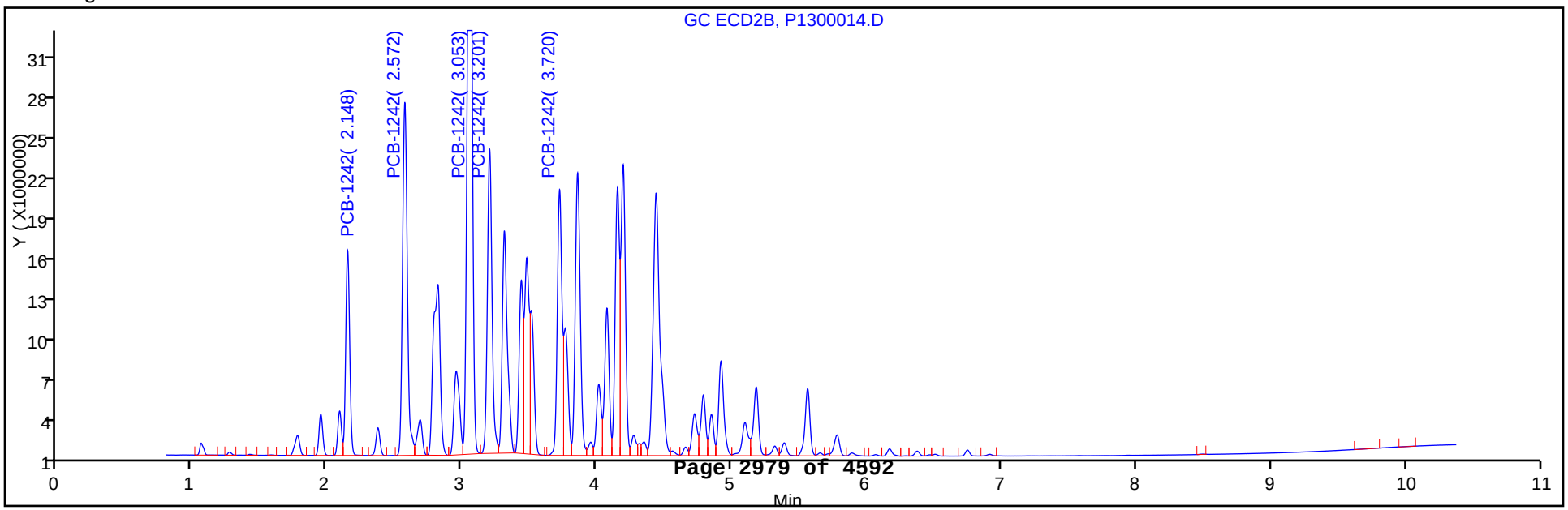
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

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



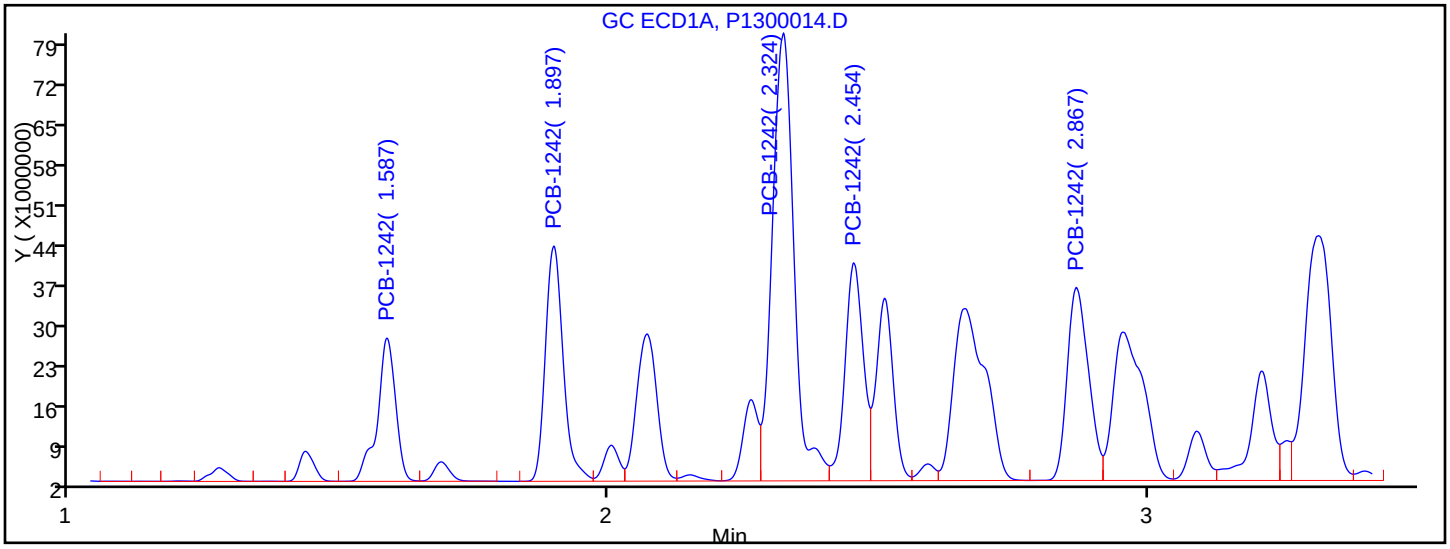
Report Date: 22-Oct-2012 09:18:32 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

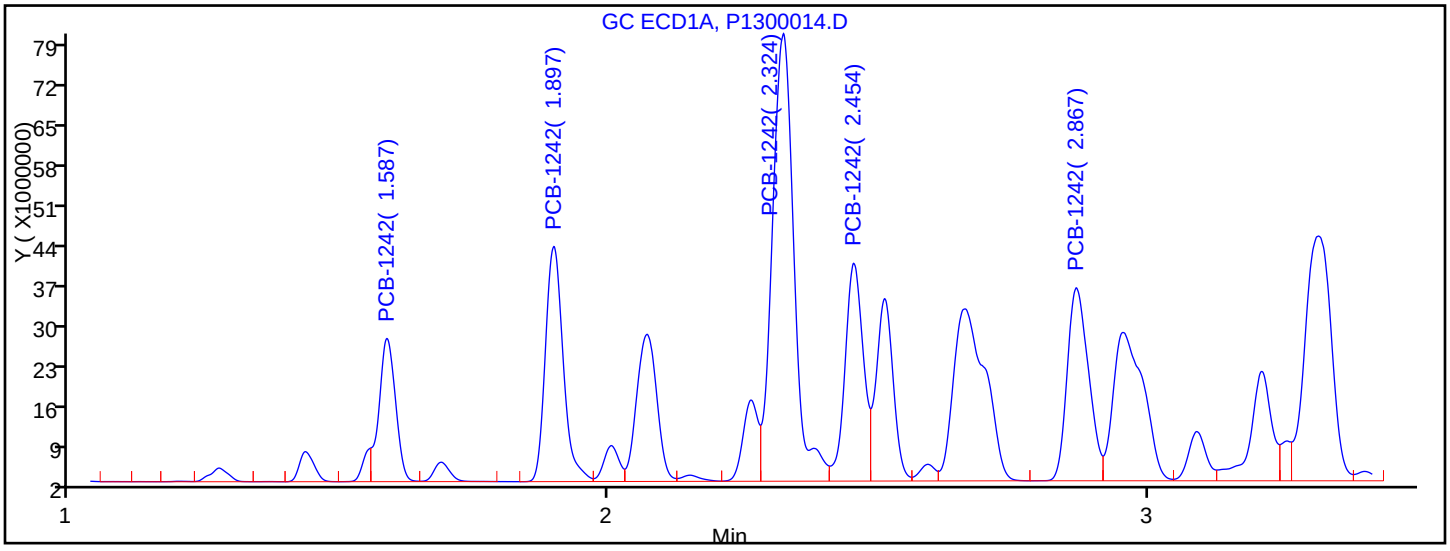
Injection Date:	21-Oct-2012 19:37:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1 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.: 240-18703-1 | 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.: 240-18703-1 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			

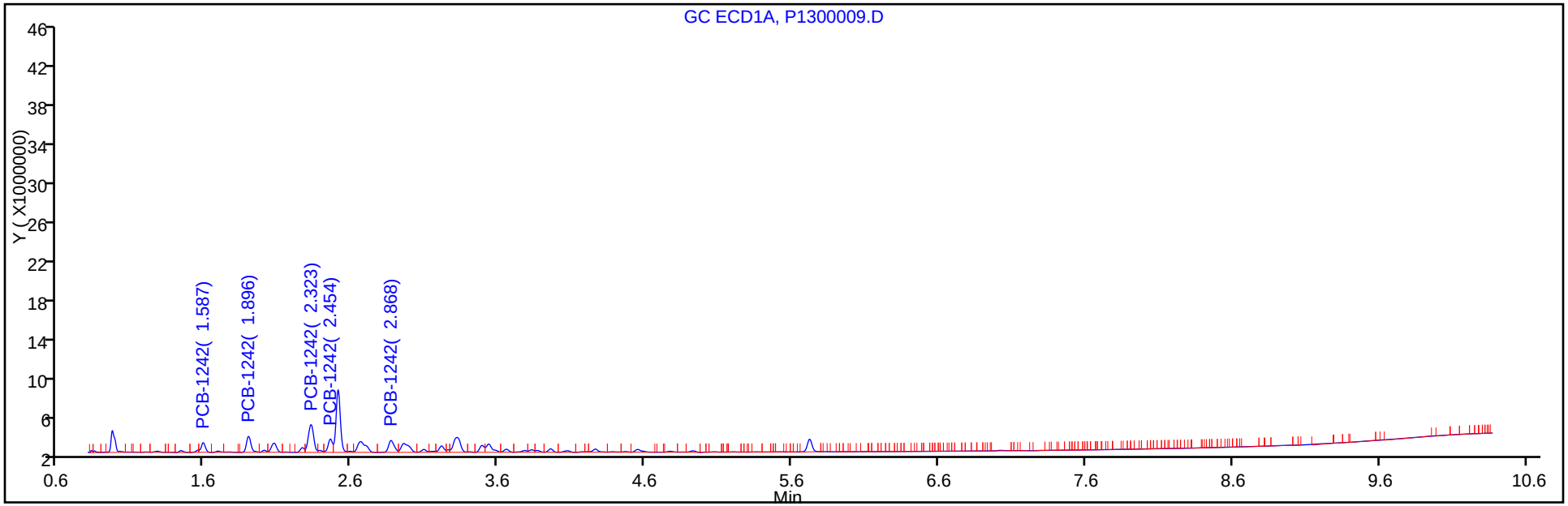
Report Date: 22-Oct-2012 09:18:39 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

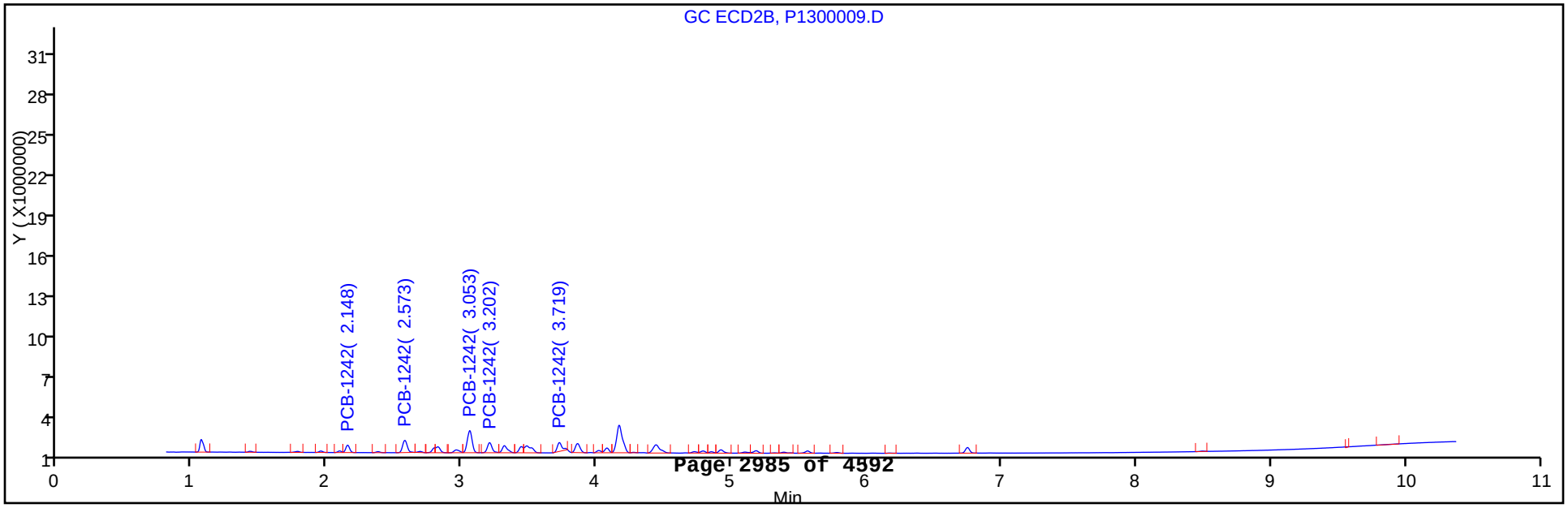
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D

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

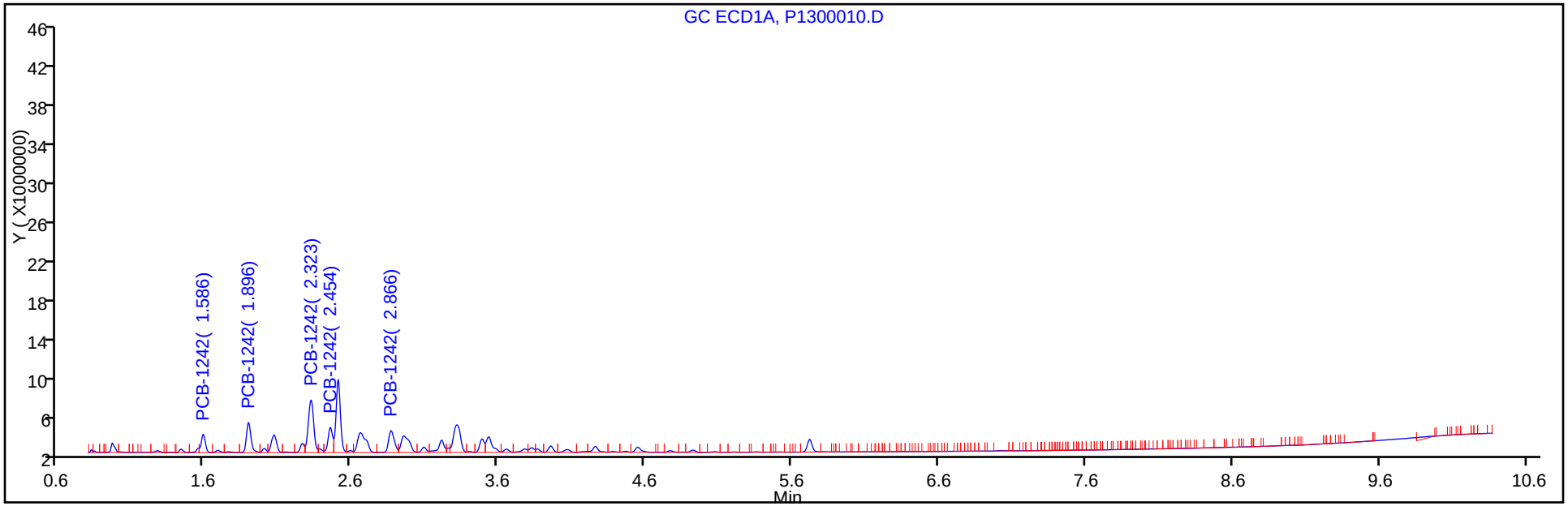
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

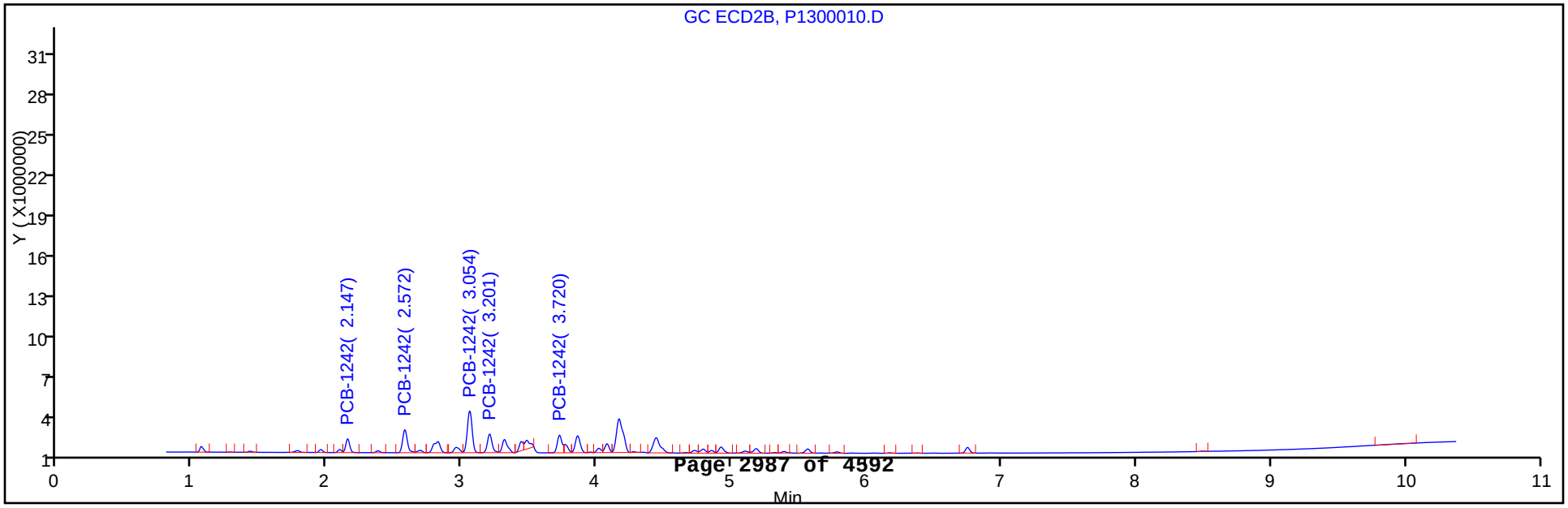
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

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

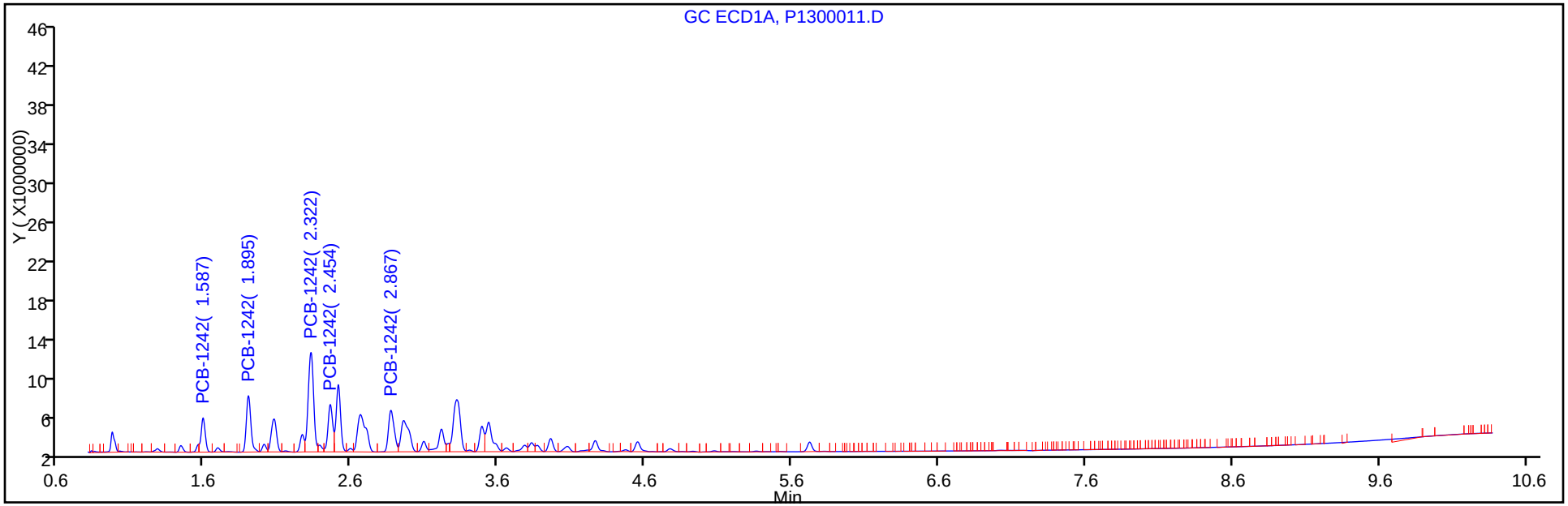
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

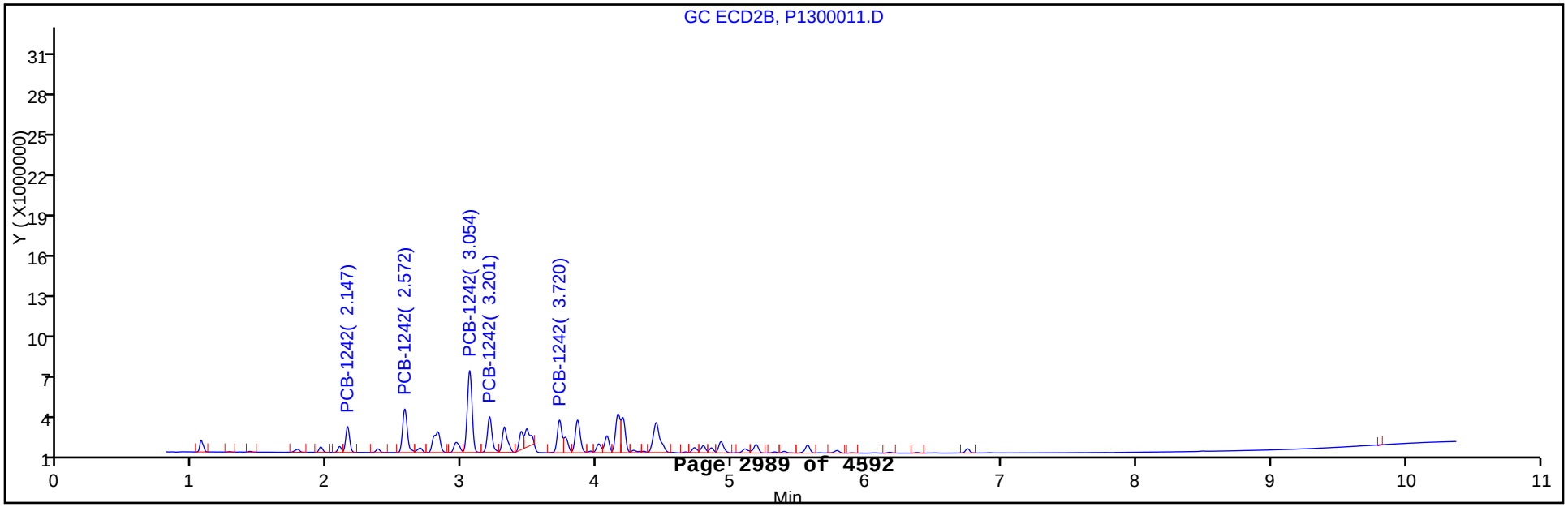
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

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

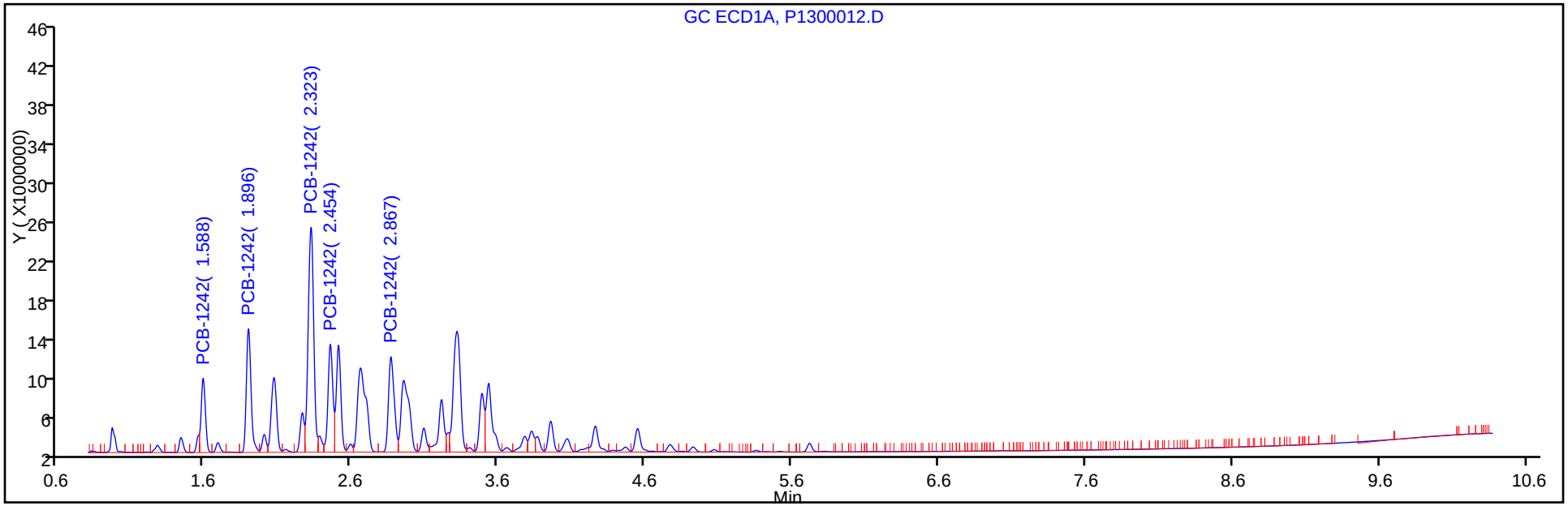
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TestAmerica Canton

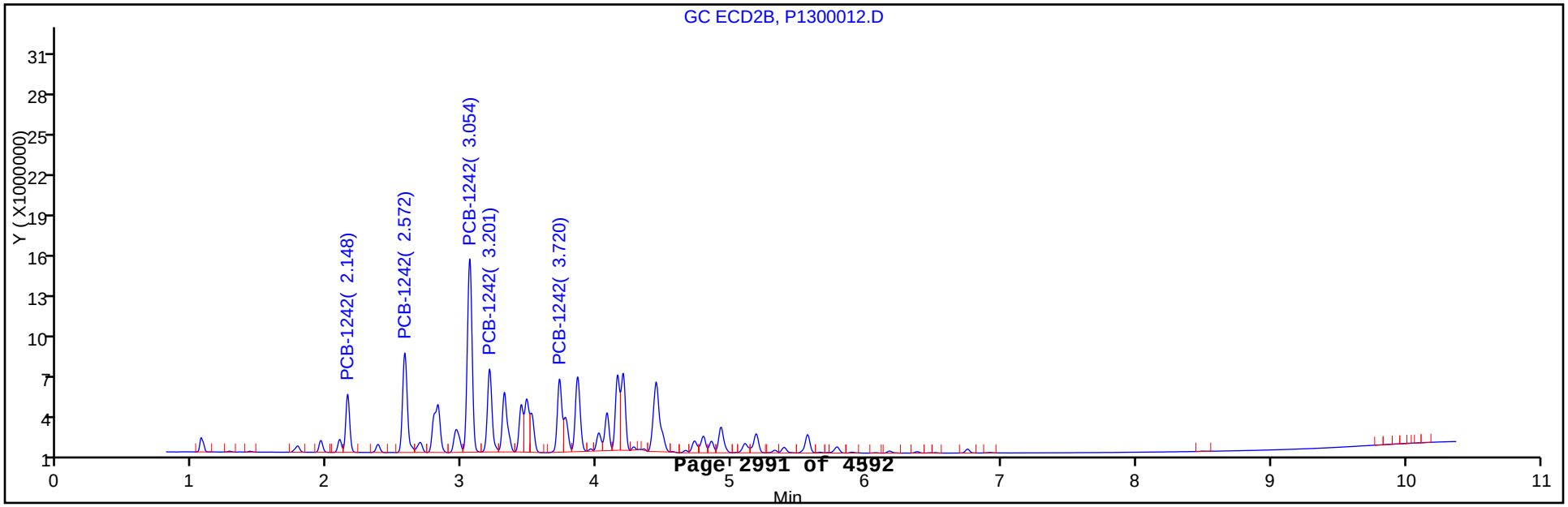
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

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

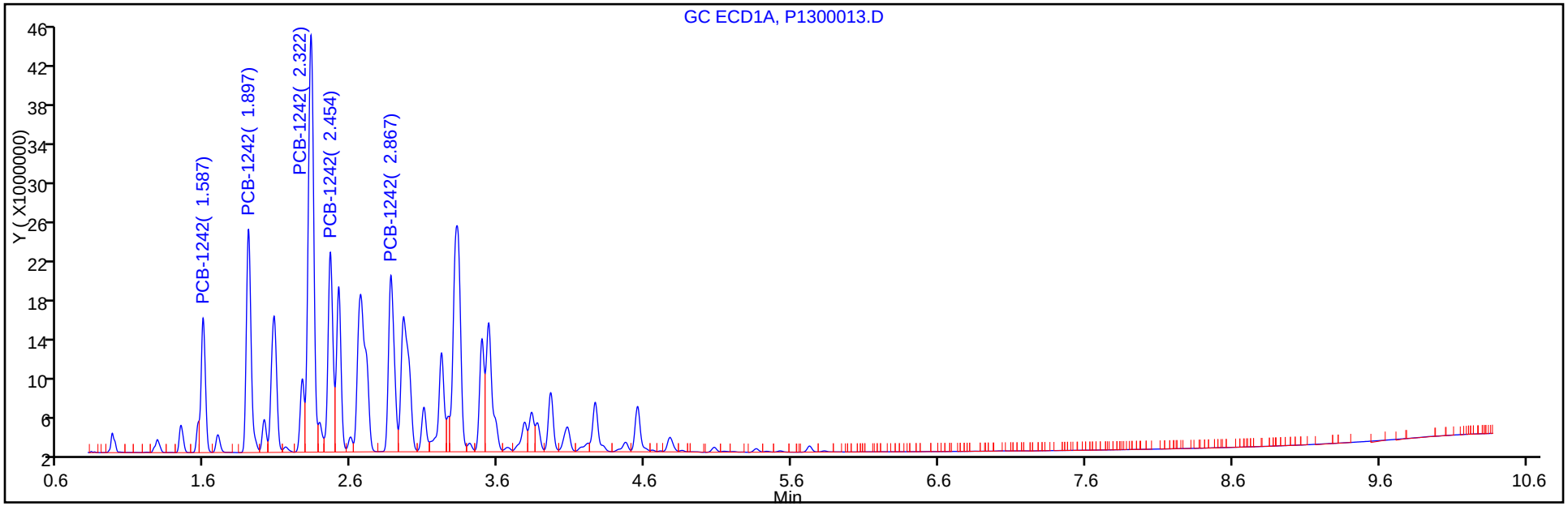
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TestAmerica Canton

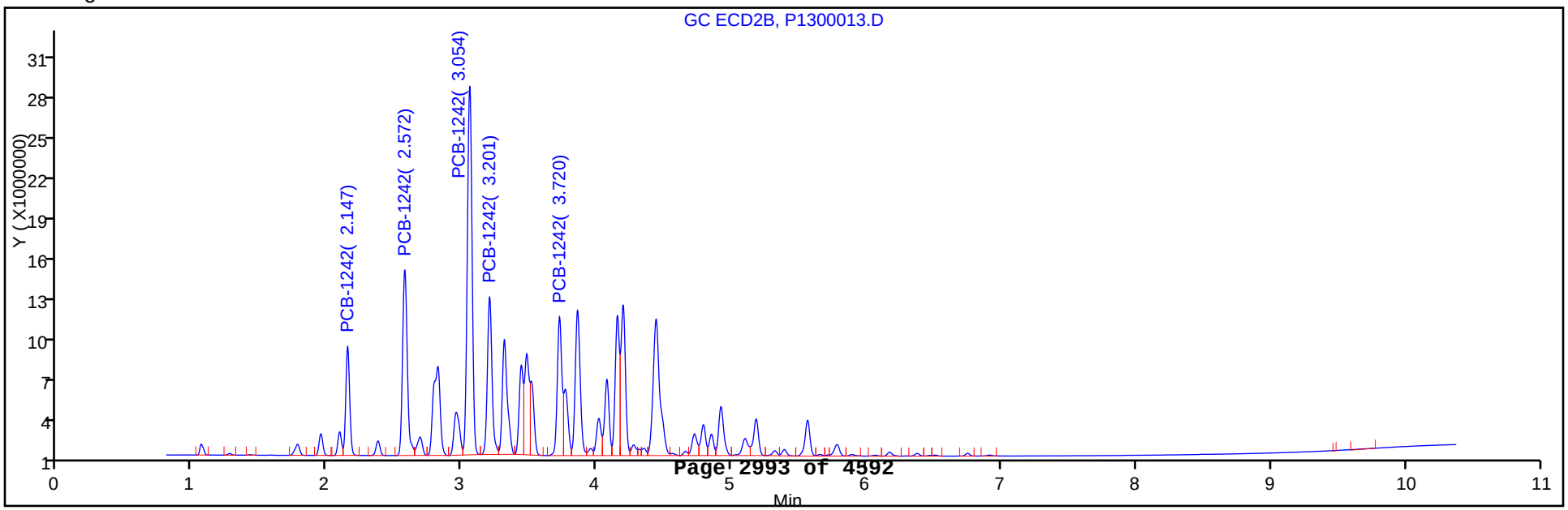
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

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

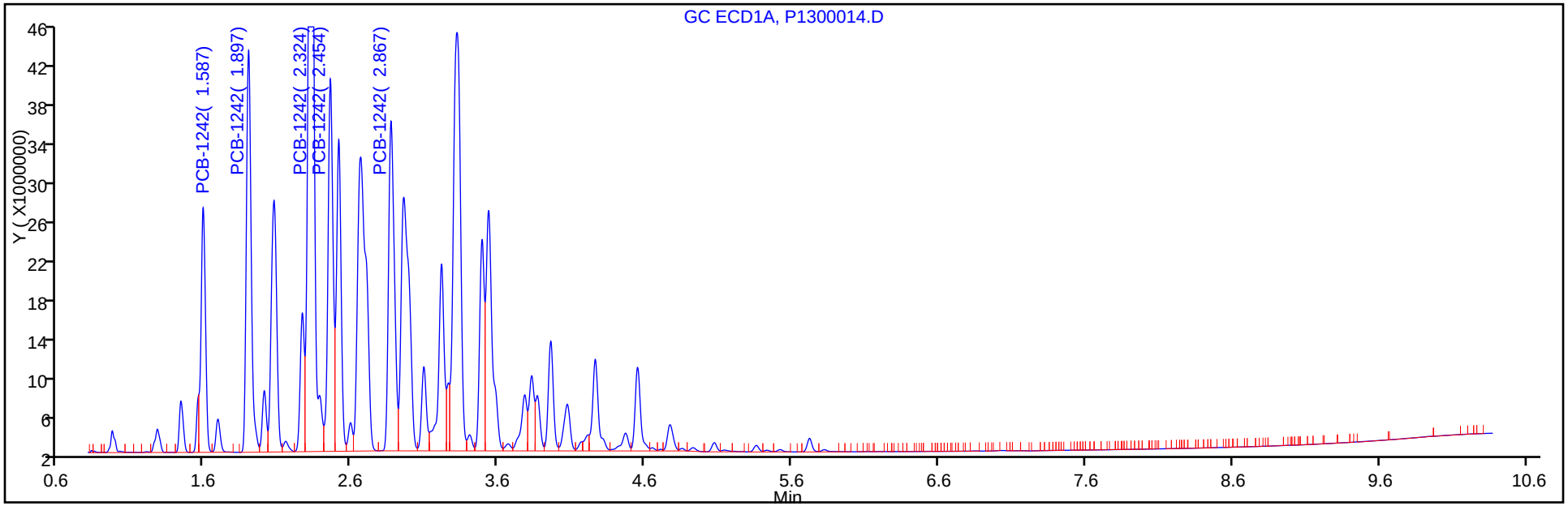
Report Date: 22-Oct-2012 09:18:32 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

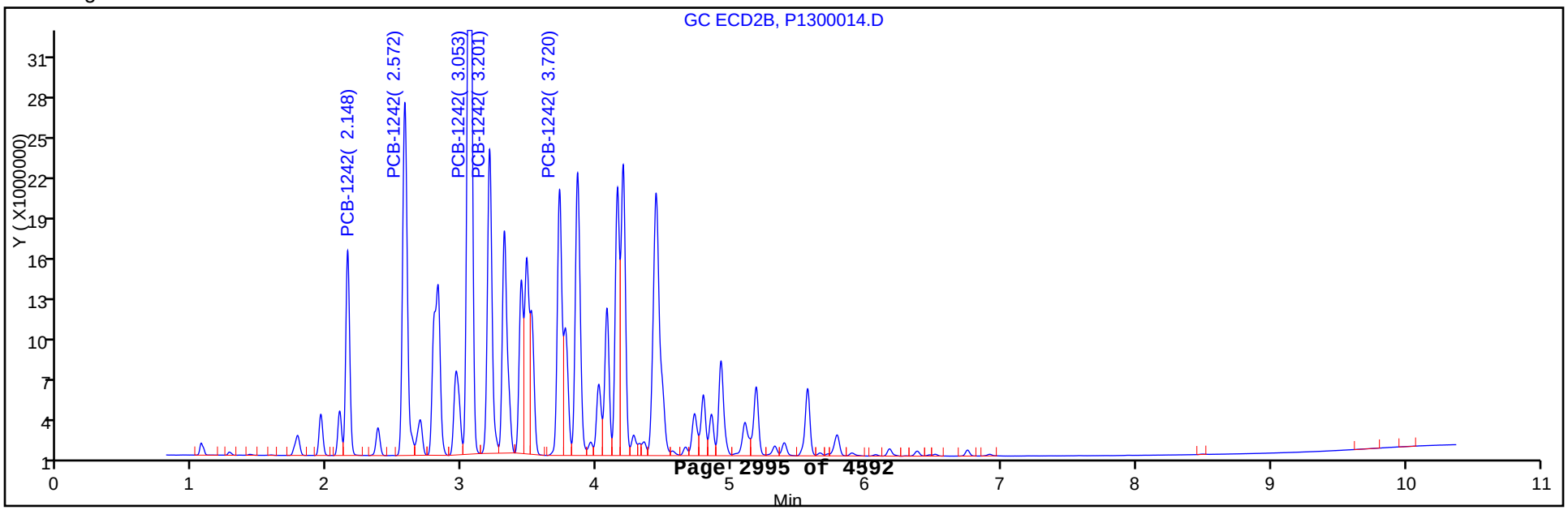
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

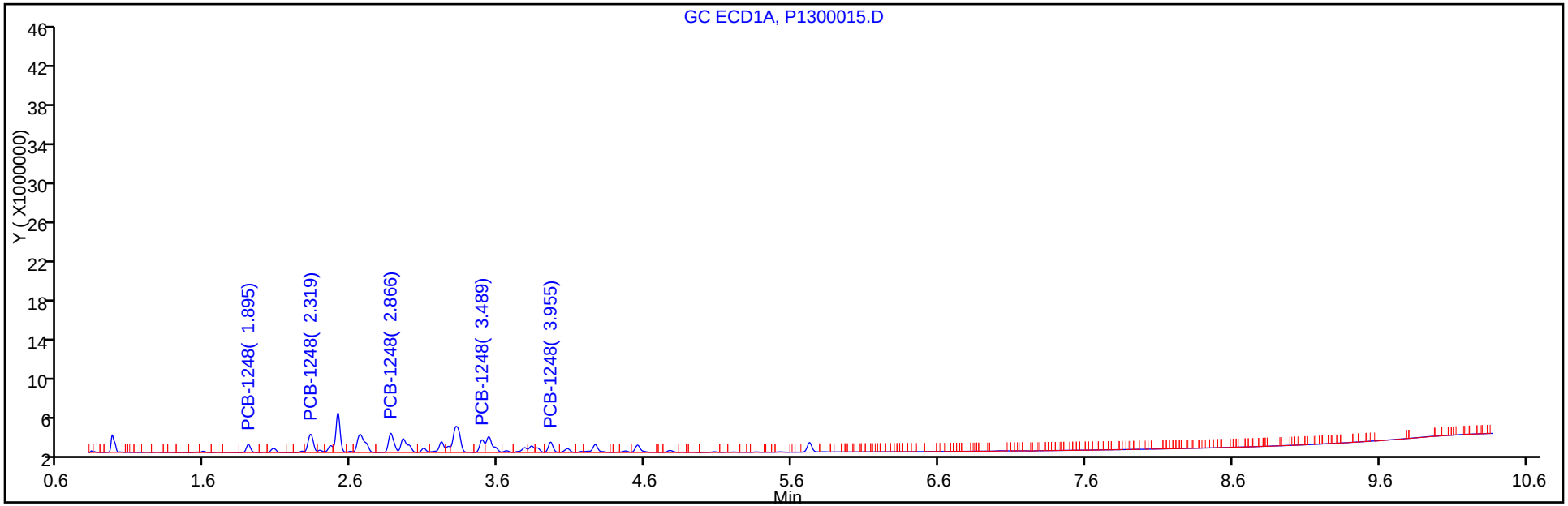
Report Date: 22-Oct-2012 09:18:30 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

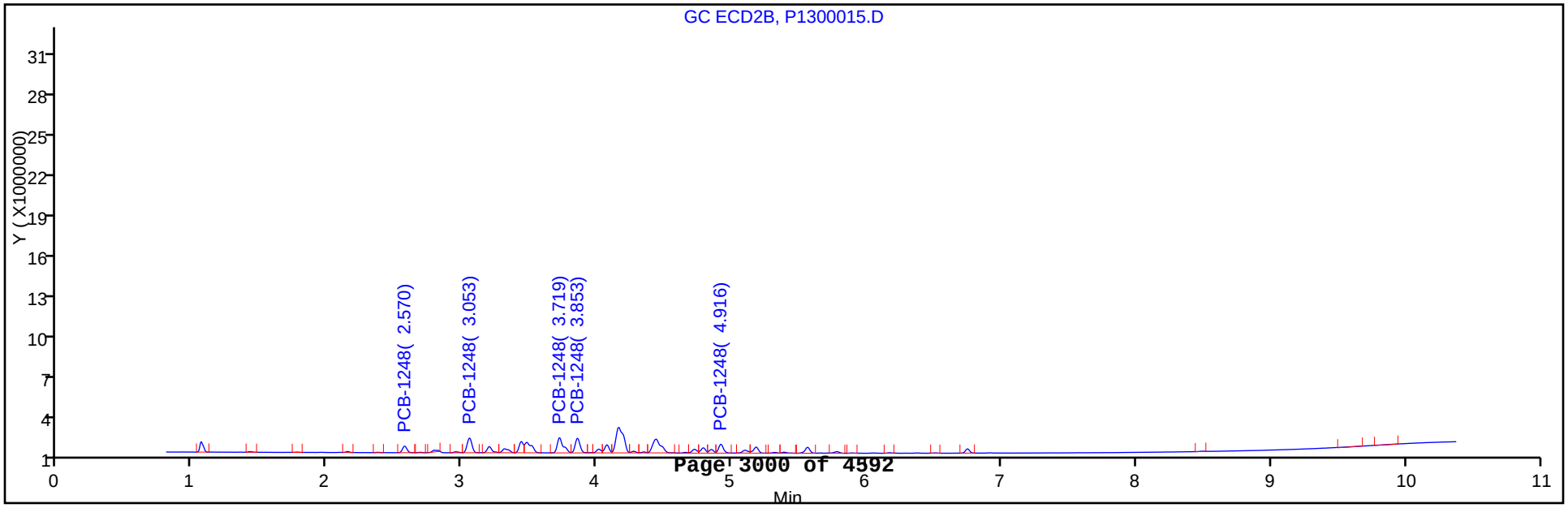
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D

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			

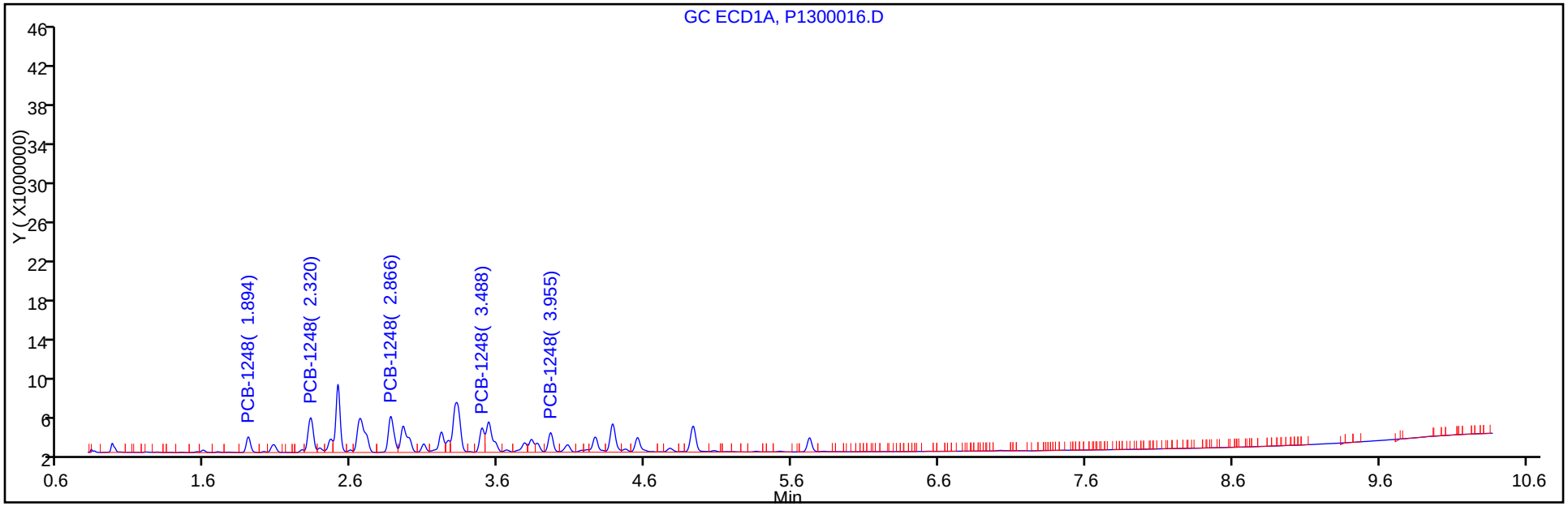
Report Date: 22-Oct-2012 09:18:28 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

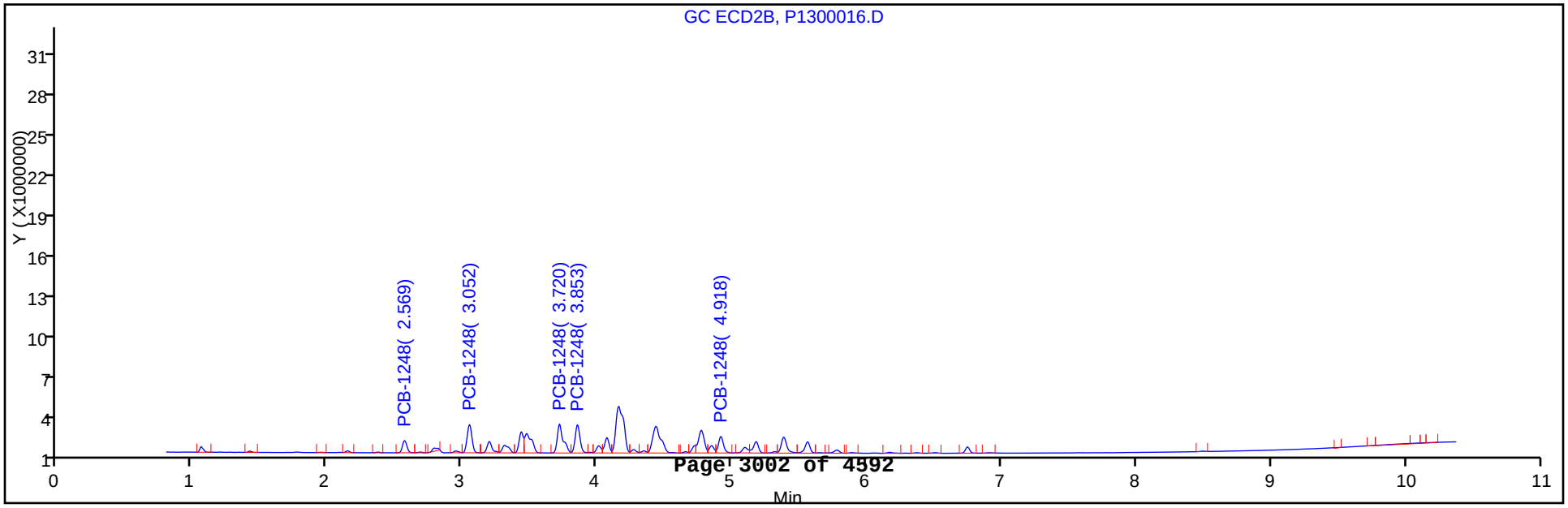
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D

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			

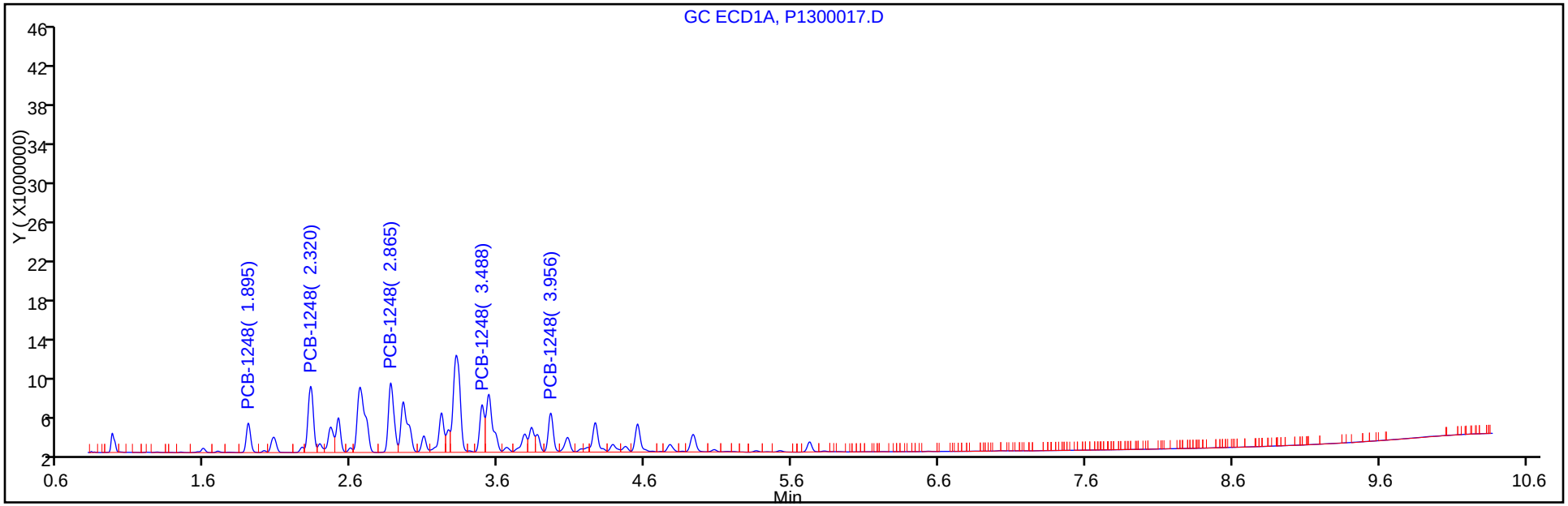
Report Date: 22-Oct-2012 09:18:27 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

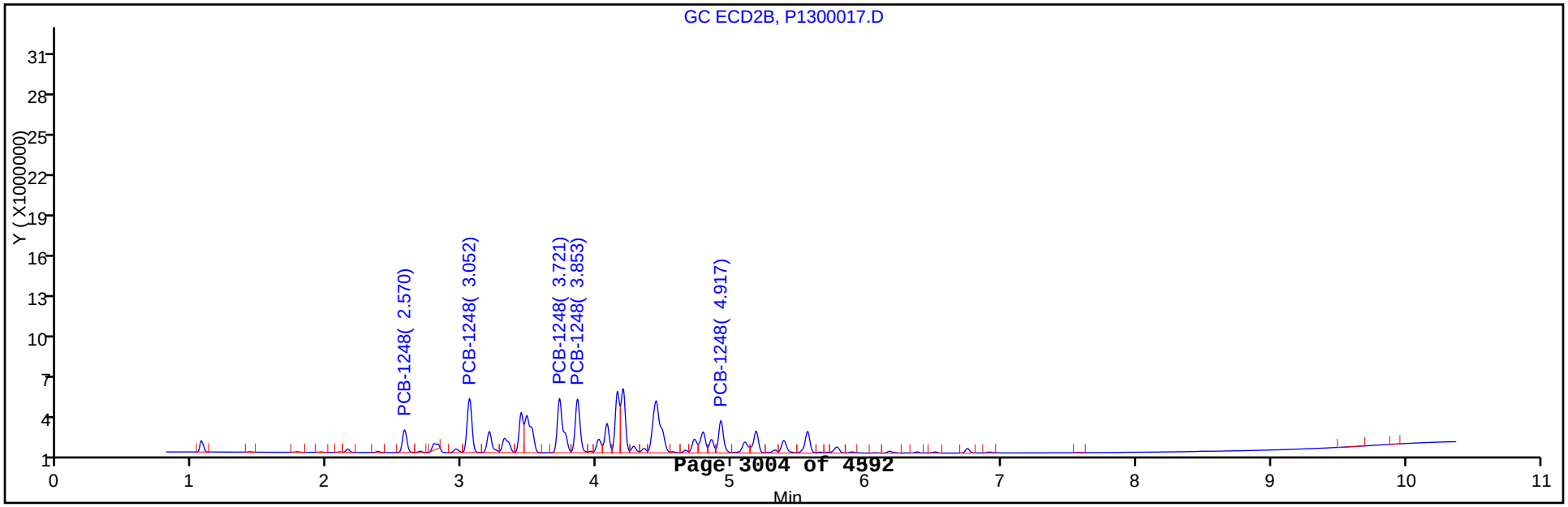
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D

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			

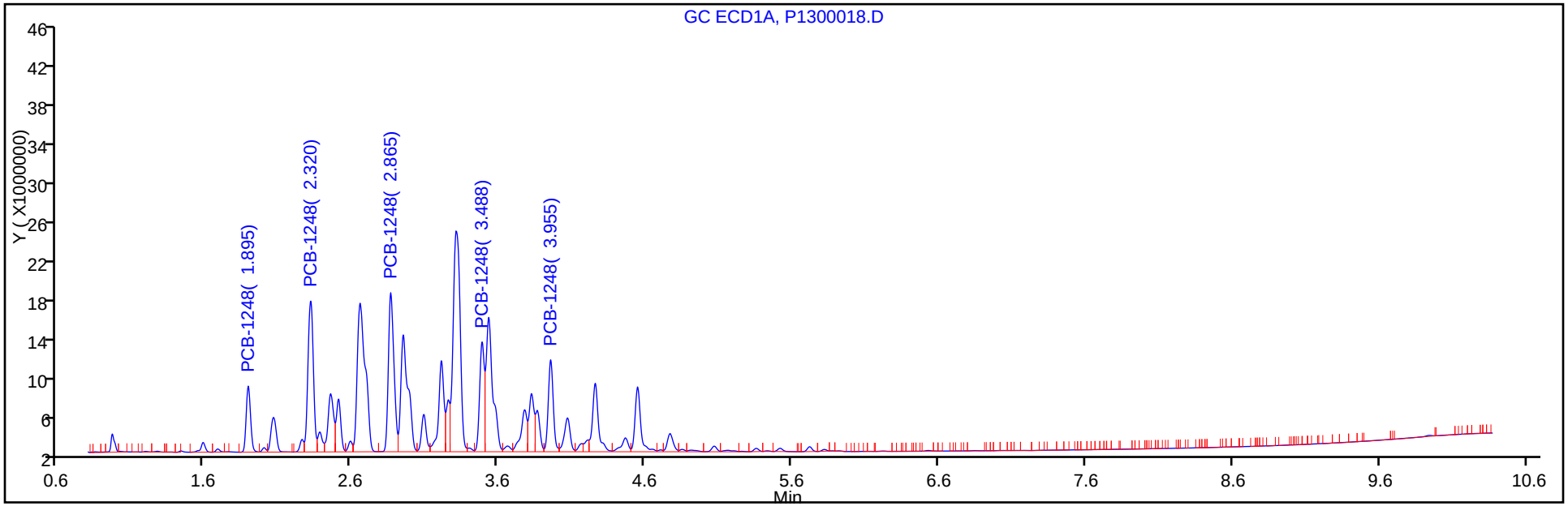
Report Date: 22-Oct-2012 09:18:25 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

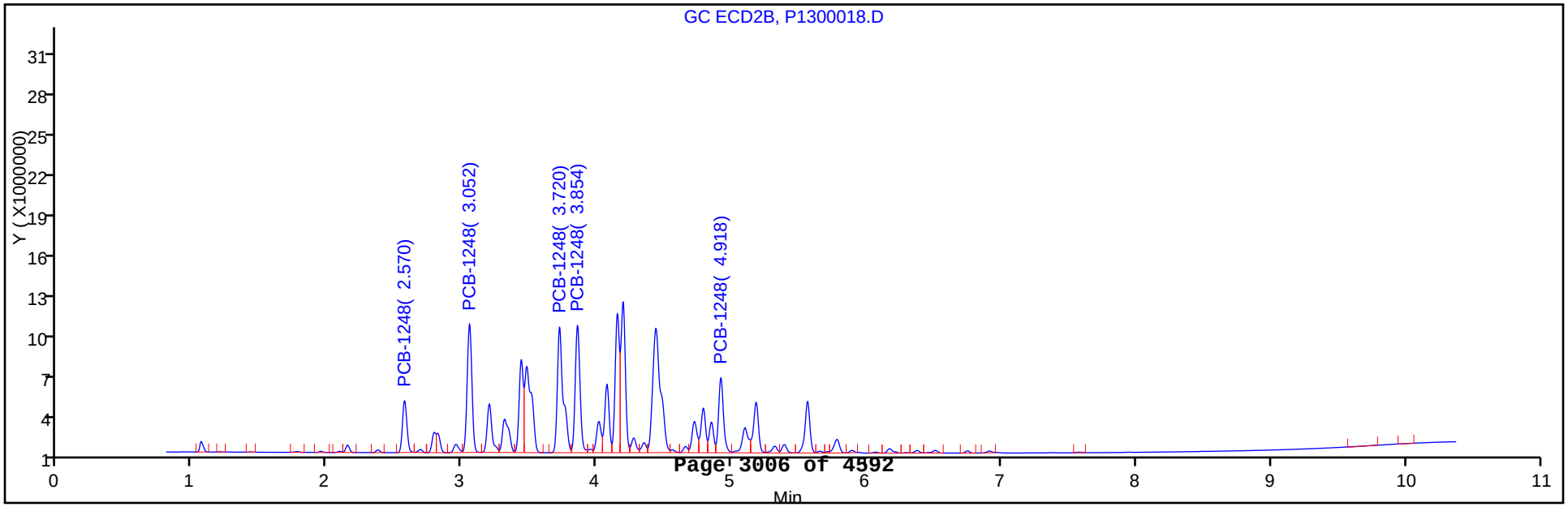
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D

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			

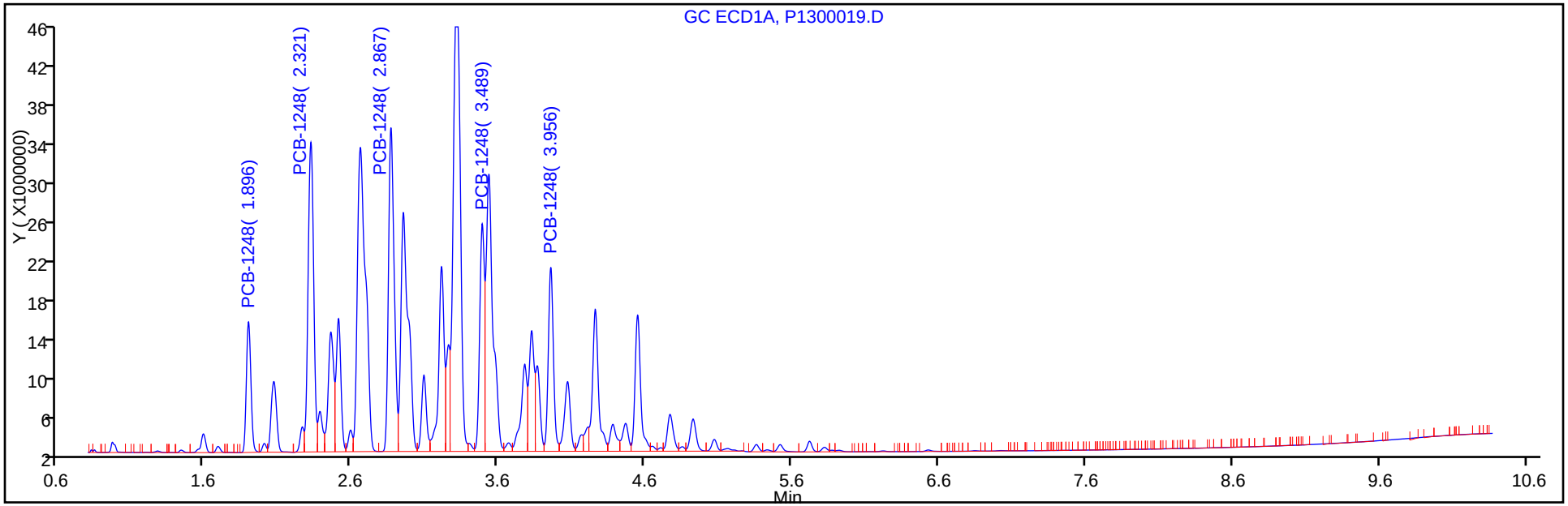
Report Date: 22-Oct-2012 09:18:24 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

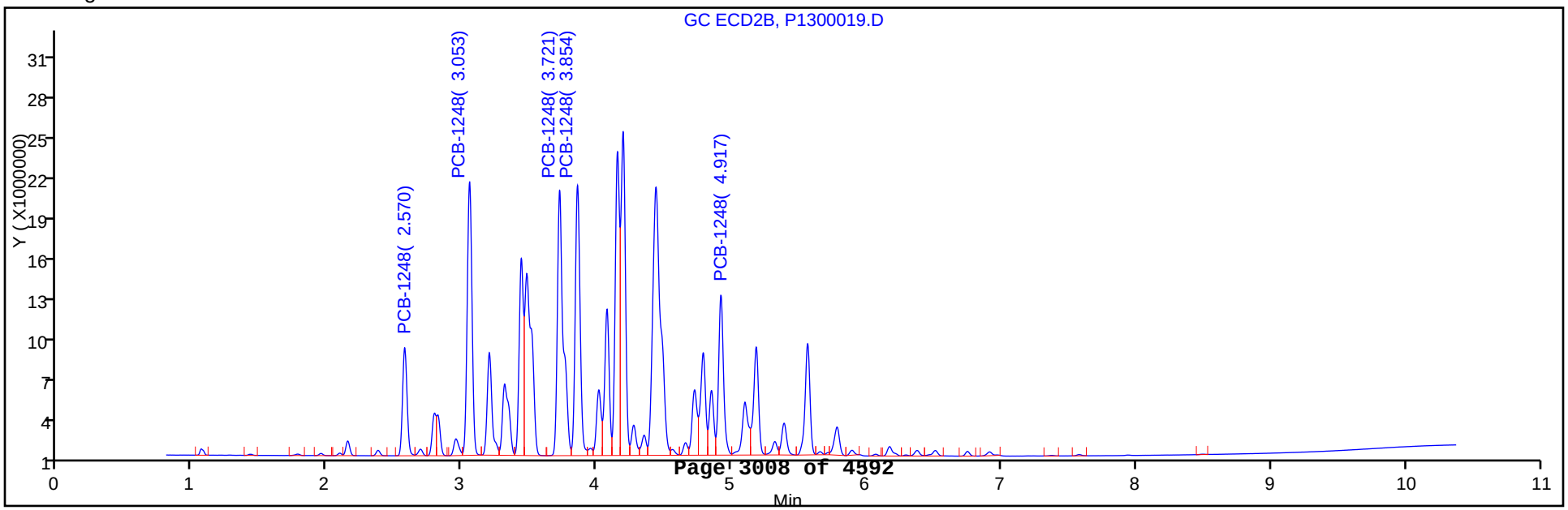
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D

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			

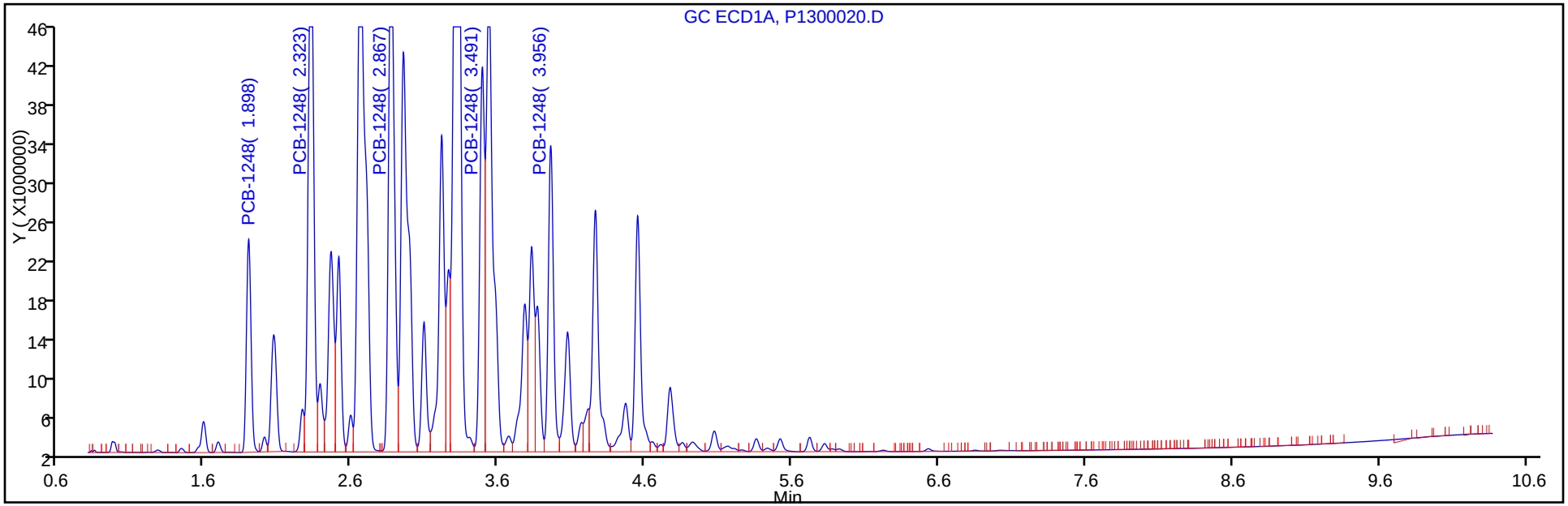
Report Date: 22-Oct-2012 09:18:22 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

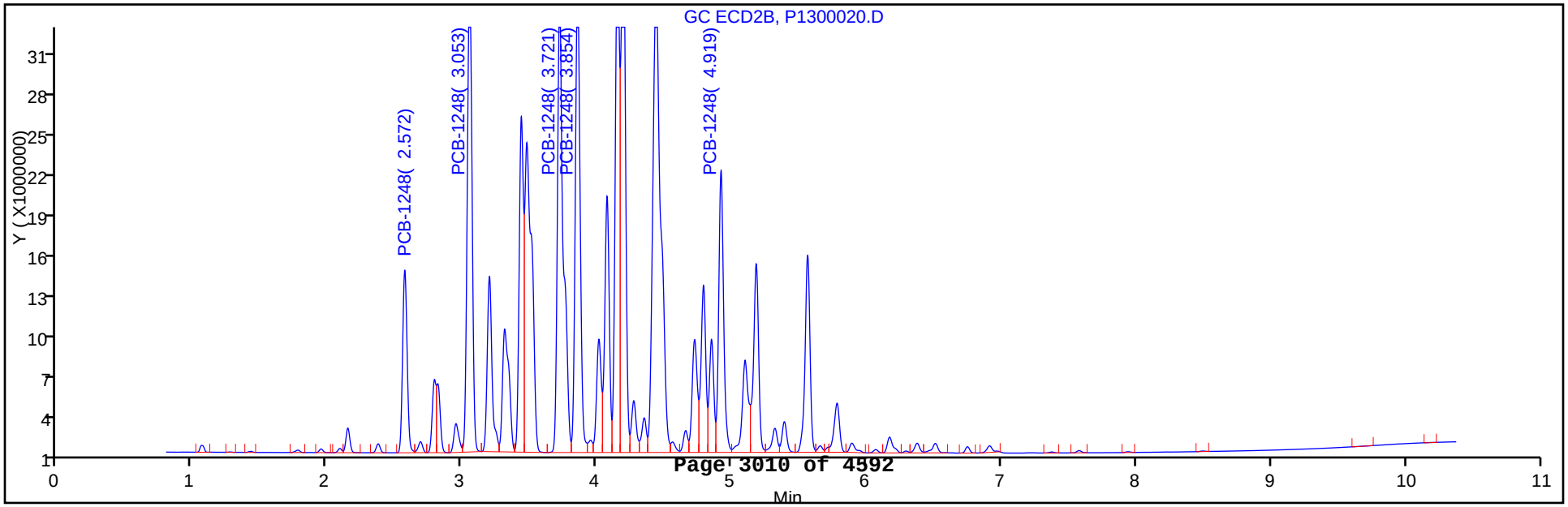
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

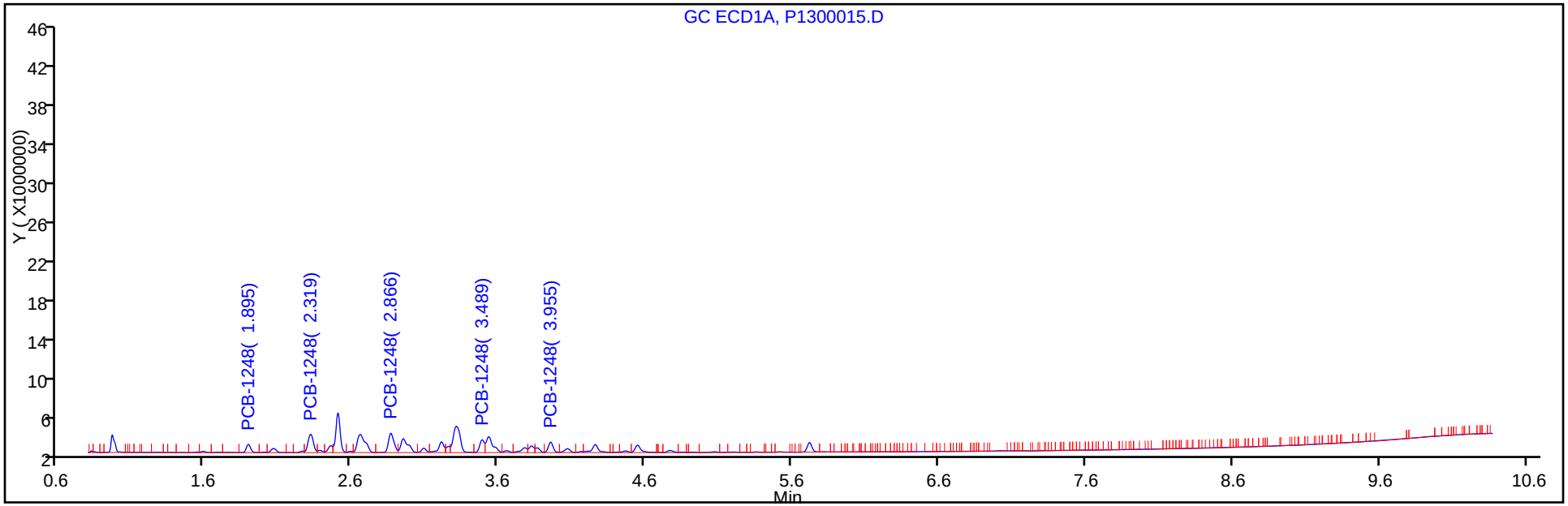
Report Date: 22-Oct-2012 09:18:30 Chrom Revision: 2.0 12-Oct-2012 03:41:20

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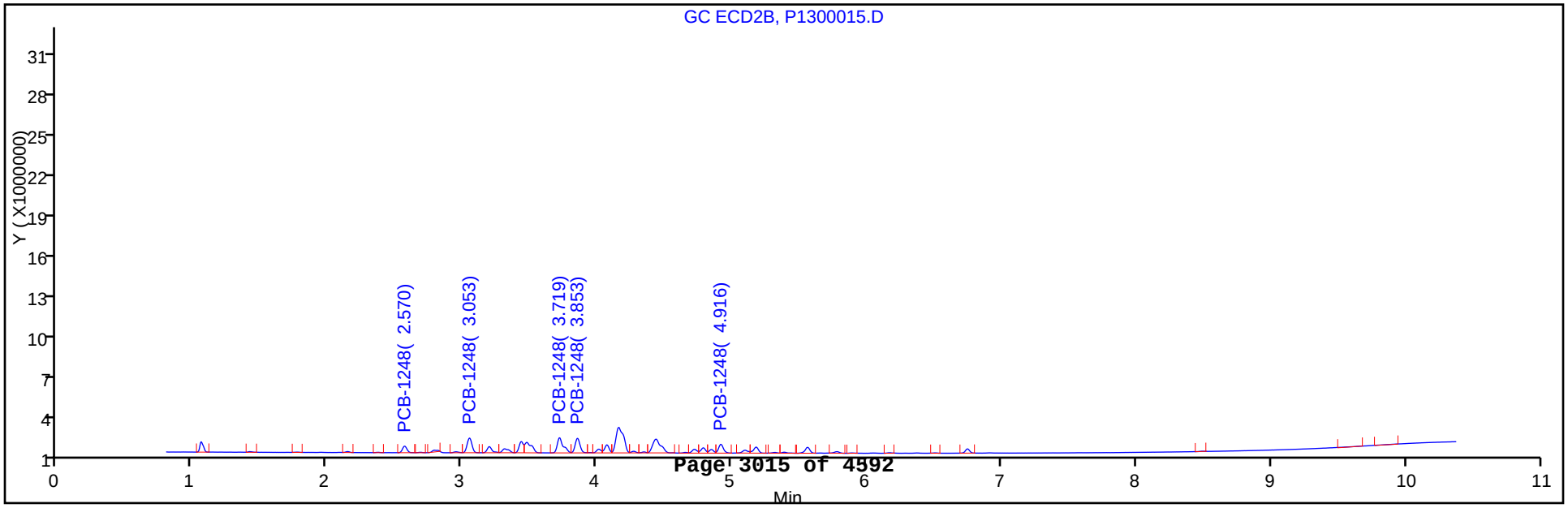
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D

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			

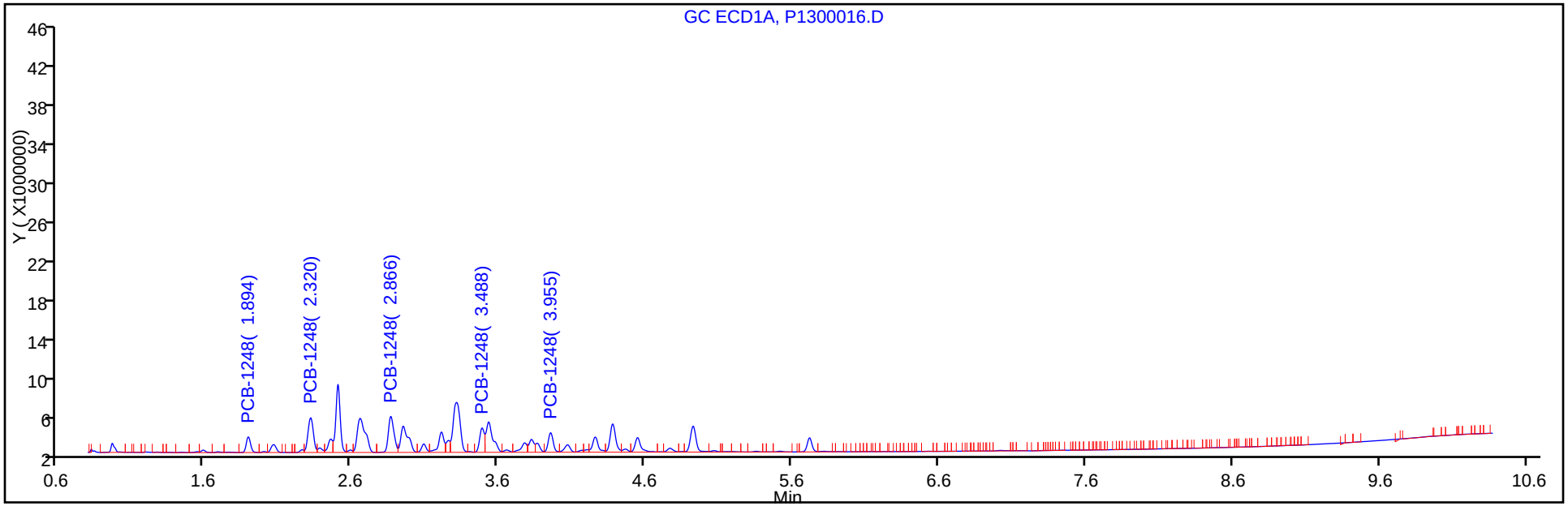
Report Date: 22-Oct-2012 09:18:28 Chrom Revision: 2.0 12-Oct-2012 03:41:20

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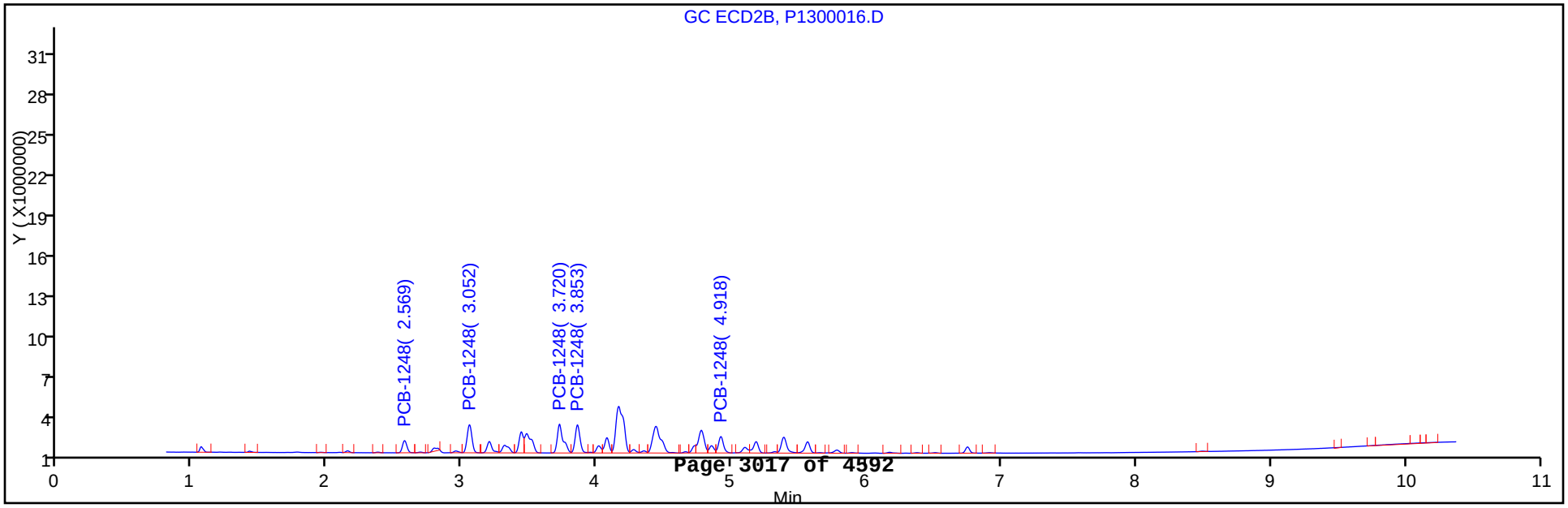
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D

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			

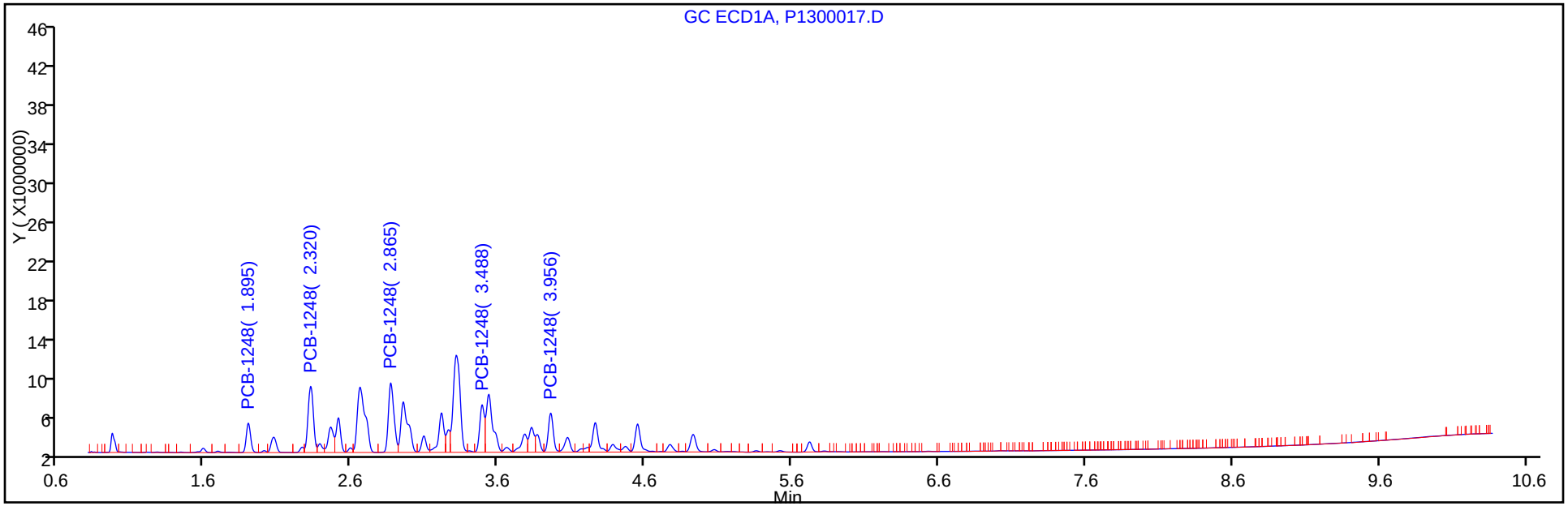
Report Date: 22-Oct-2012 09:18:27 Chrom Revision: 2.0 12-Oct-2012 03:41:20

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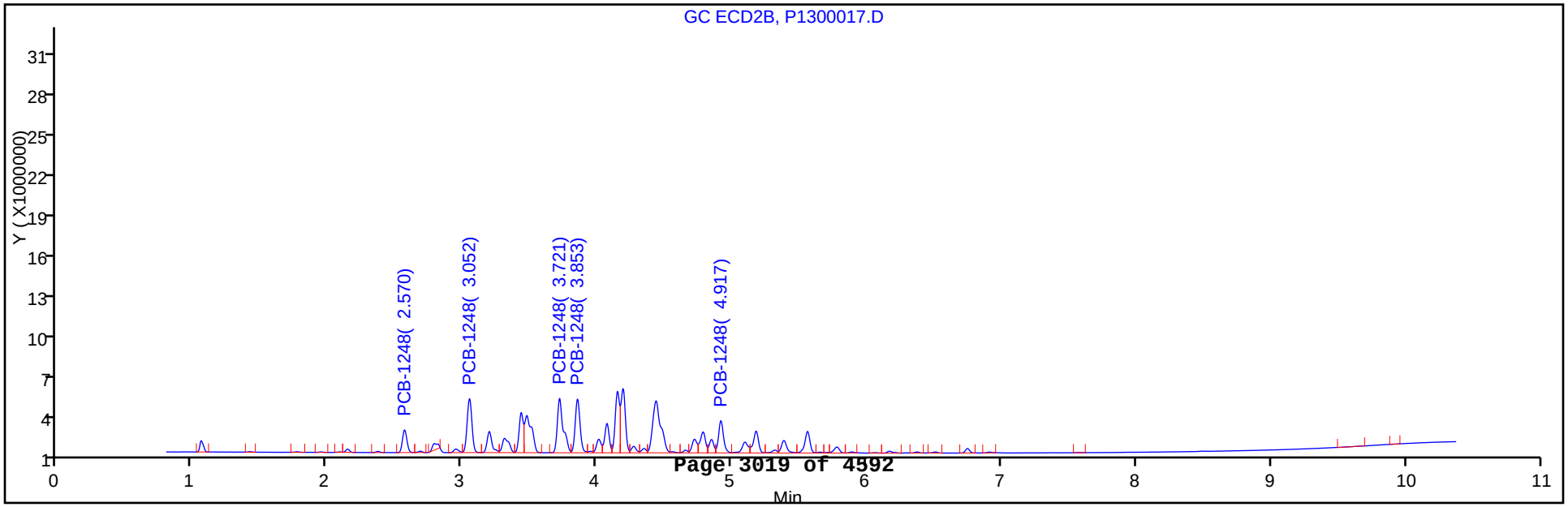
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D

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			

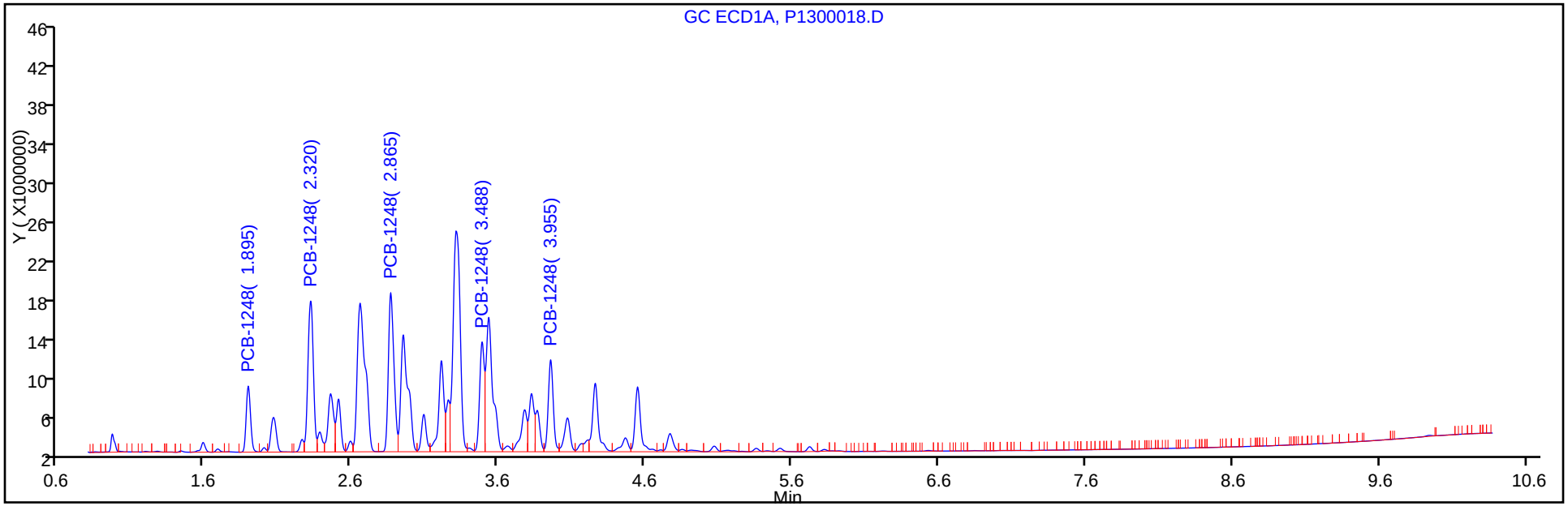
Report Date: 22-Oct-2012 09:18:25 Chrom Revision: 2.0 12-Oct-2012 03:41:20

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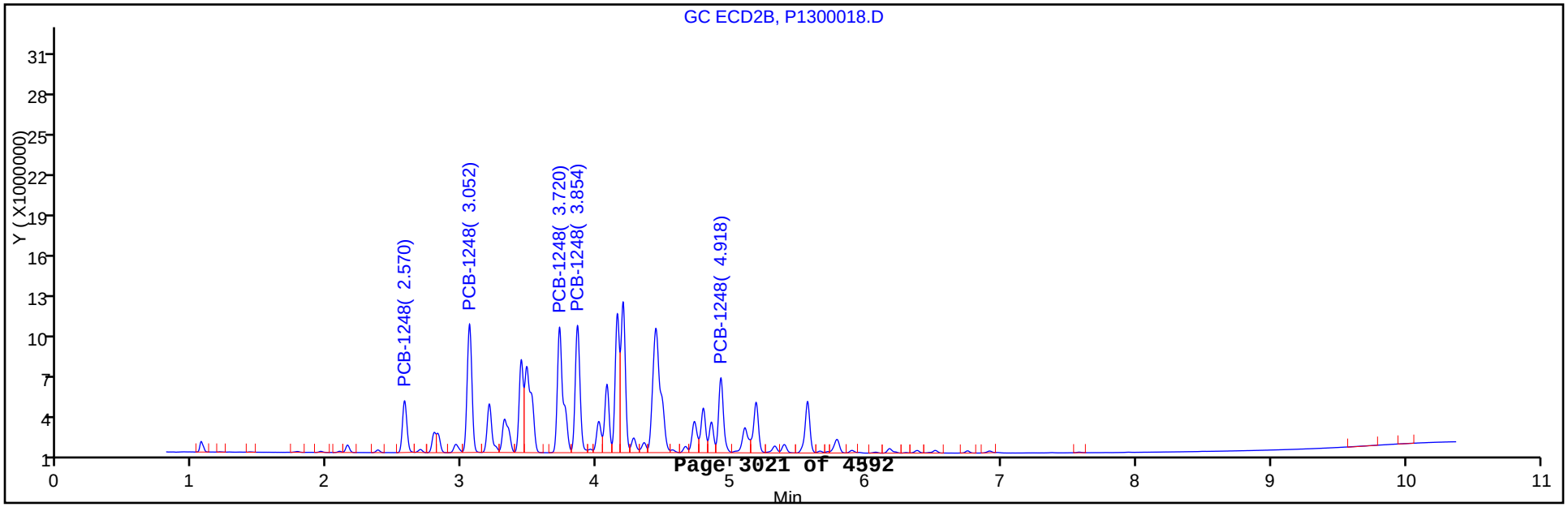
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D

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			

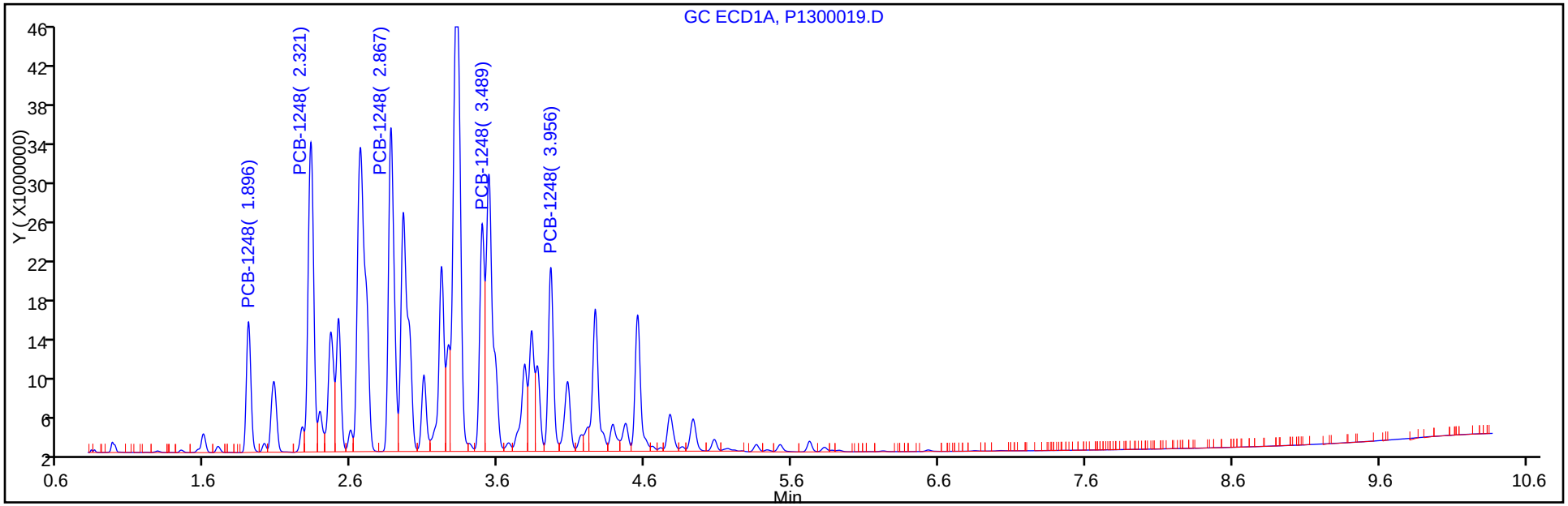
Report Date: 22-Oct-2012 09:18:24 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

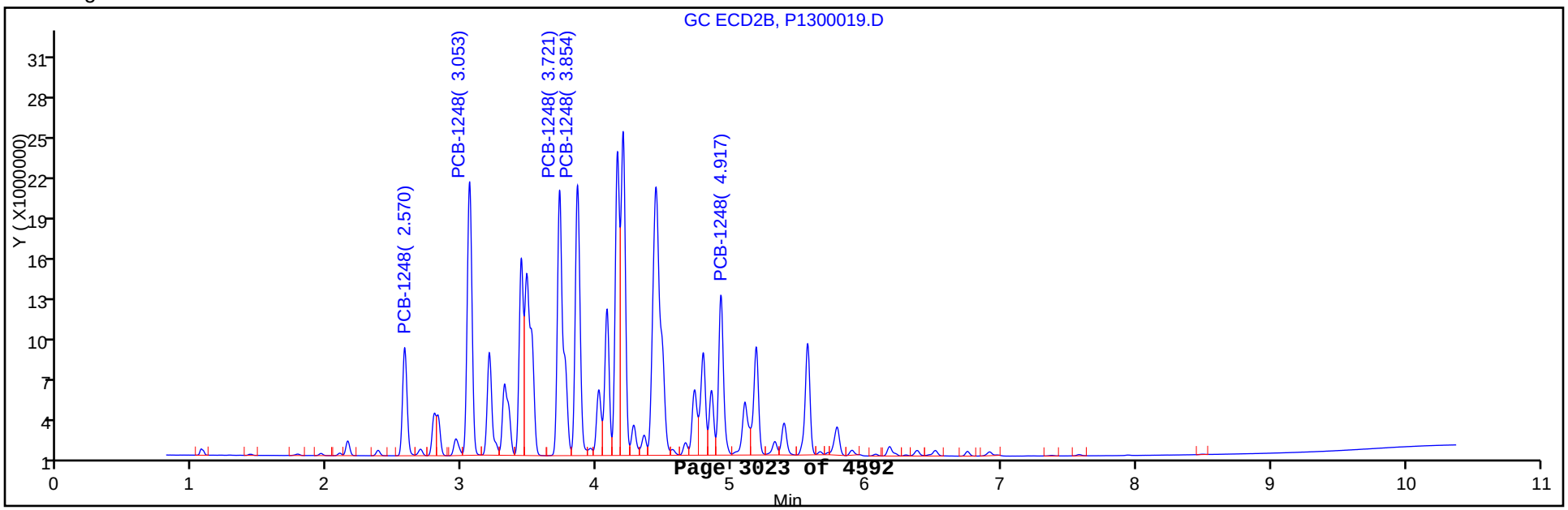
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D

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			

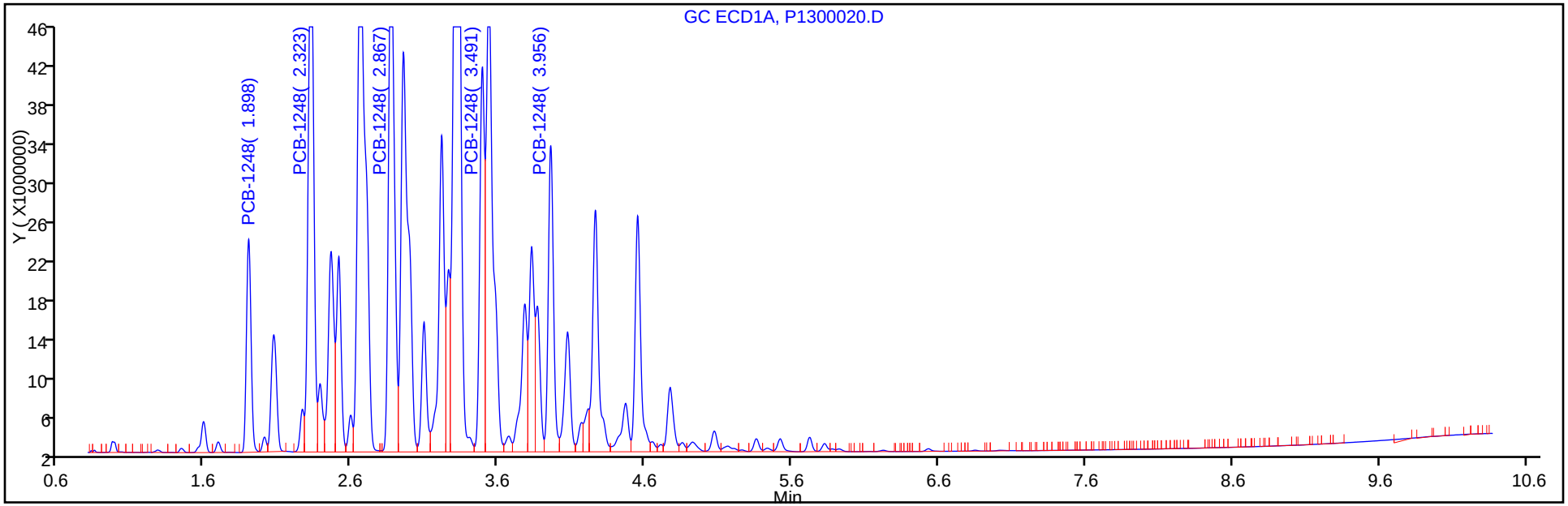
Report Date: 22-Oct-2012 09:18:22 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

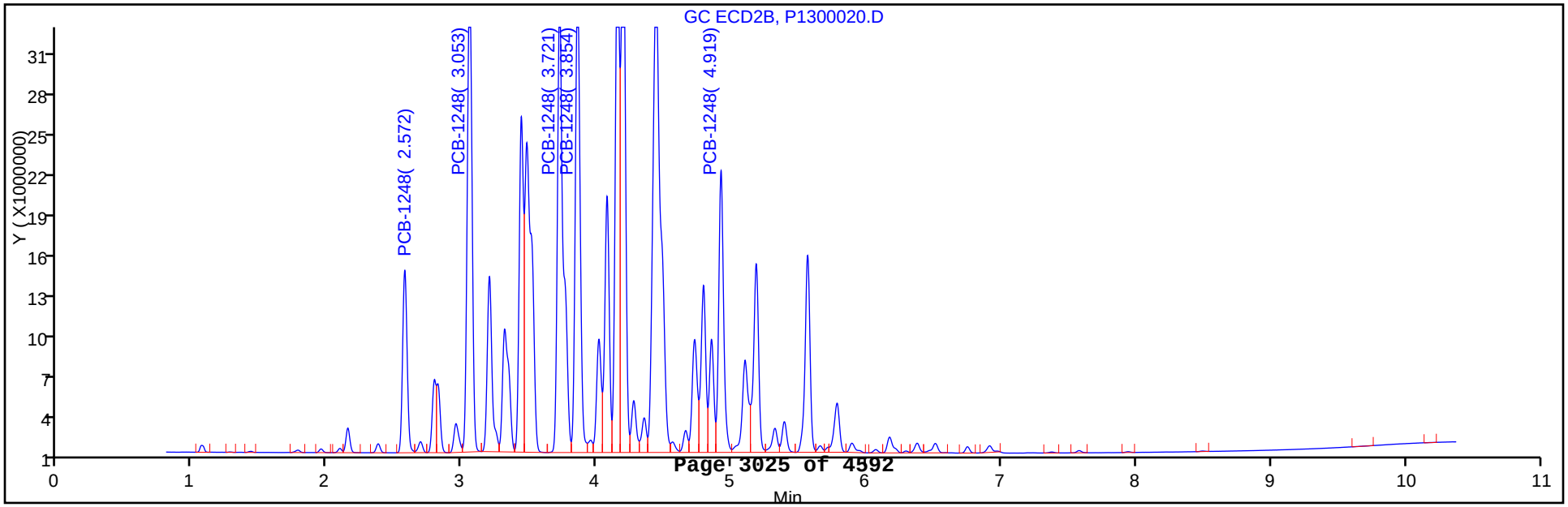
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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

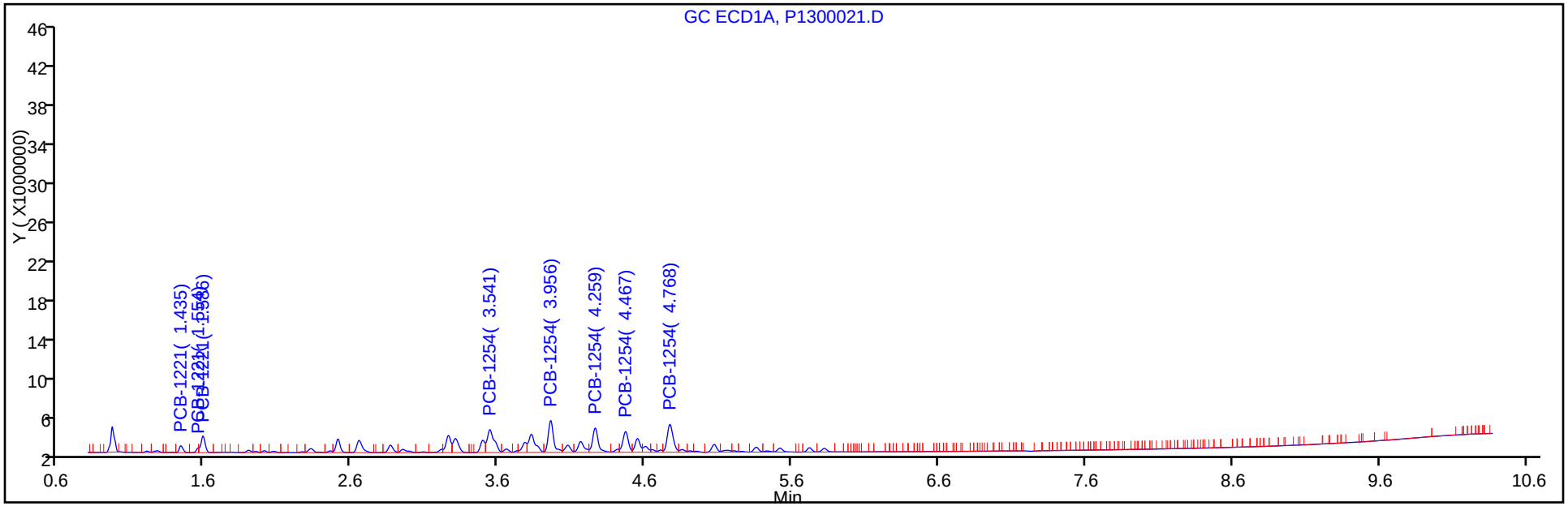
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

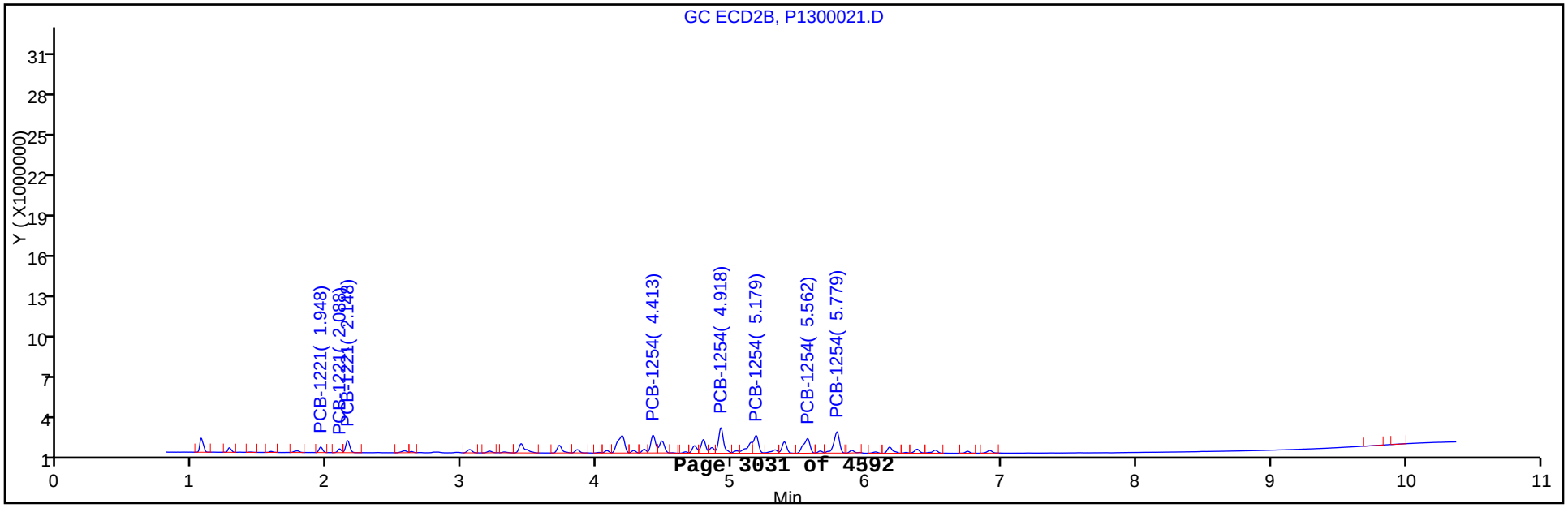
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Injection Date:	21-Oct-2012 21:21:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



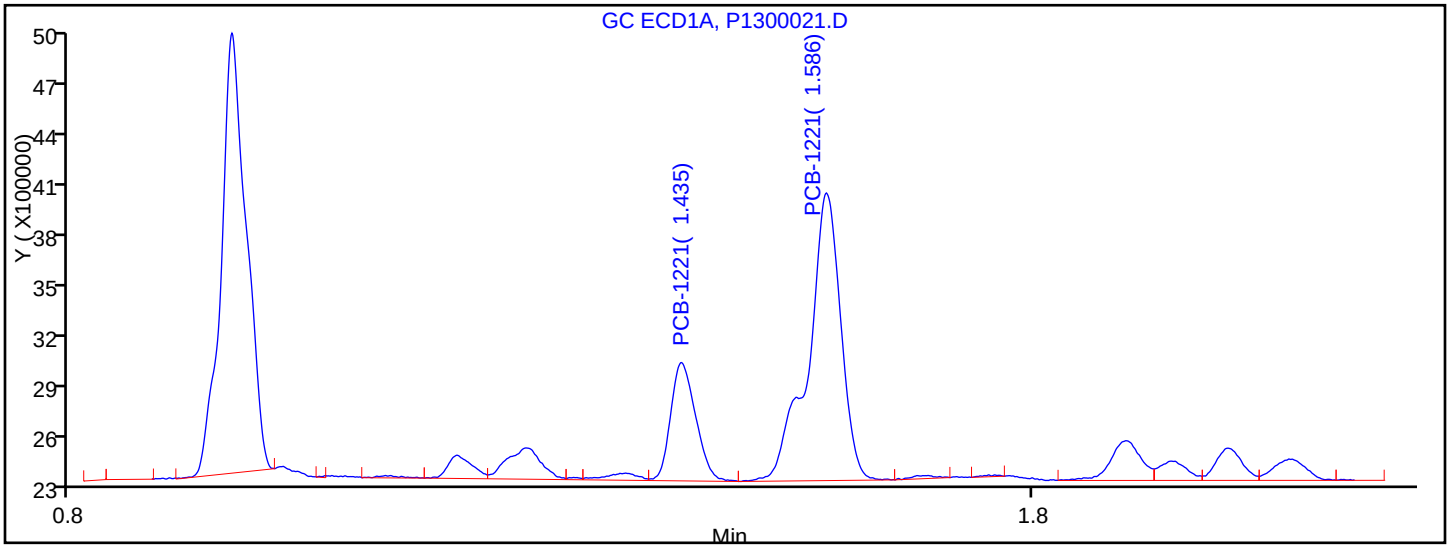
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

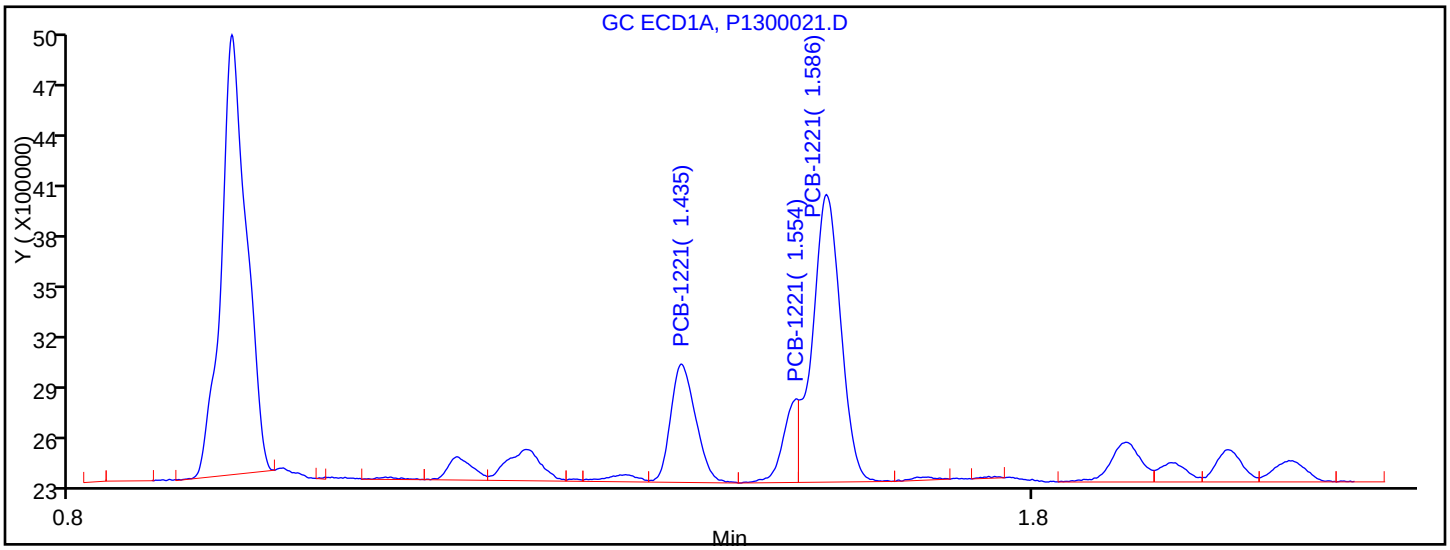
Injection Date:	21-Oct-2012 21:21:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

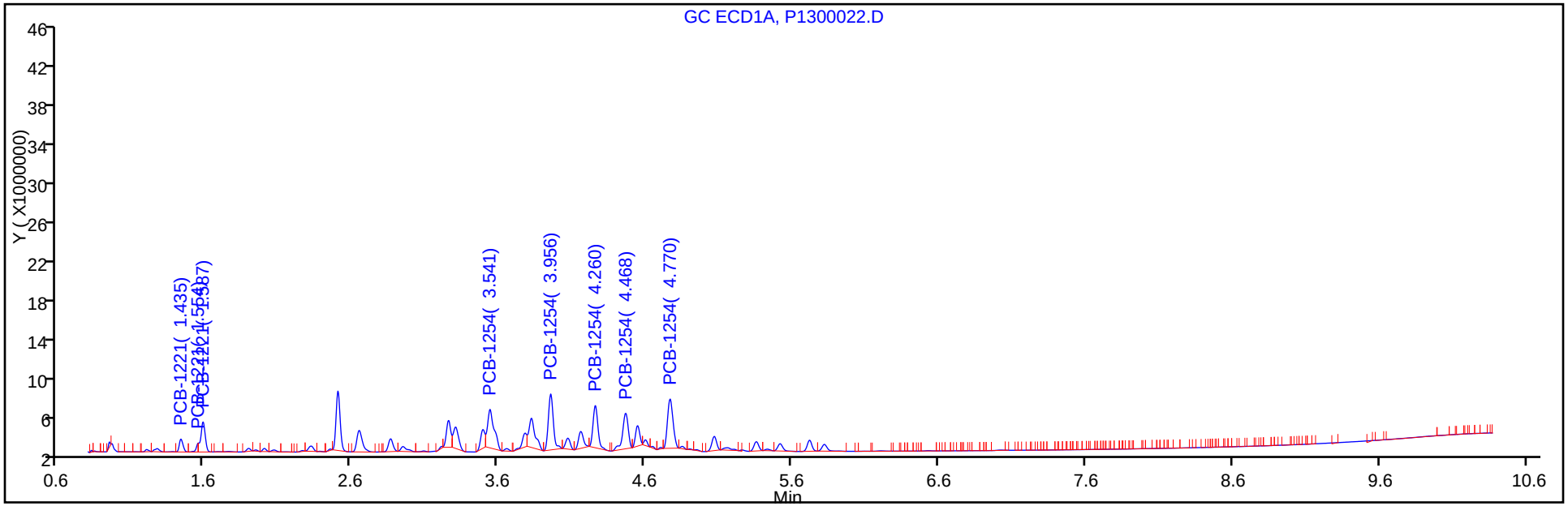
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

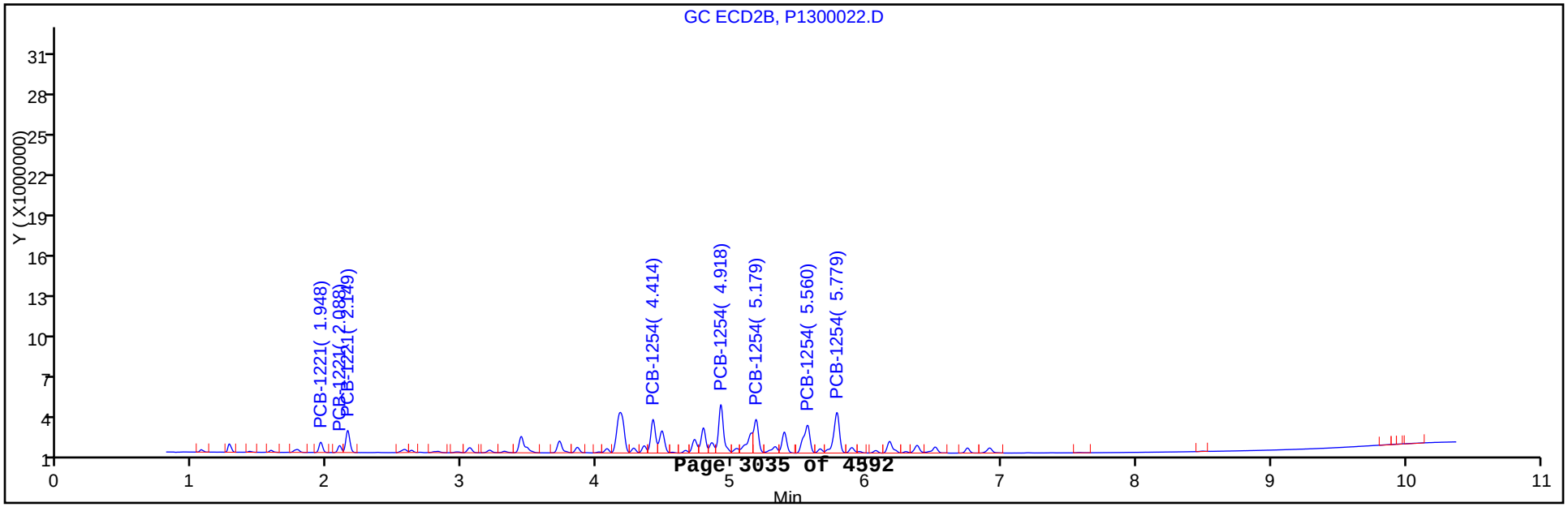
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

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



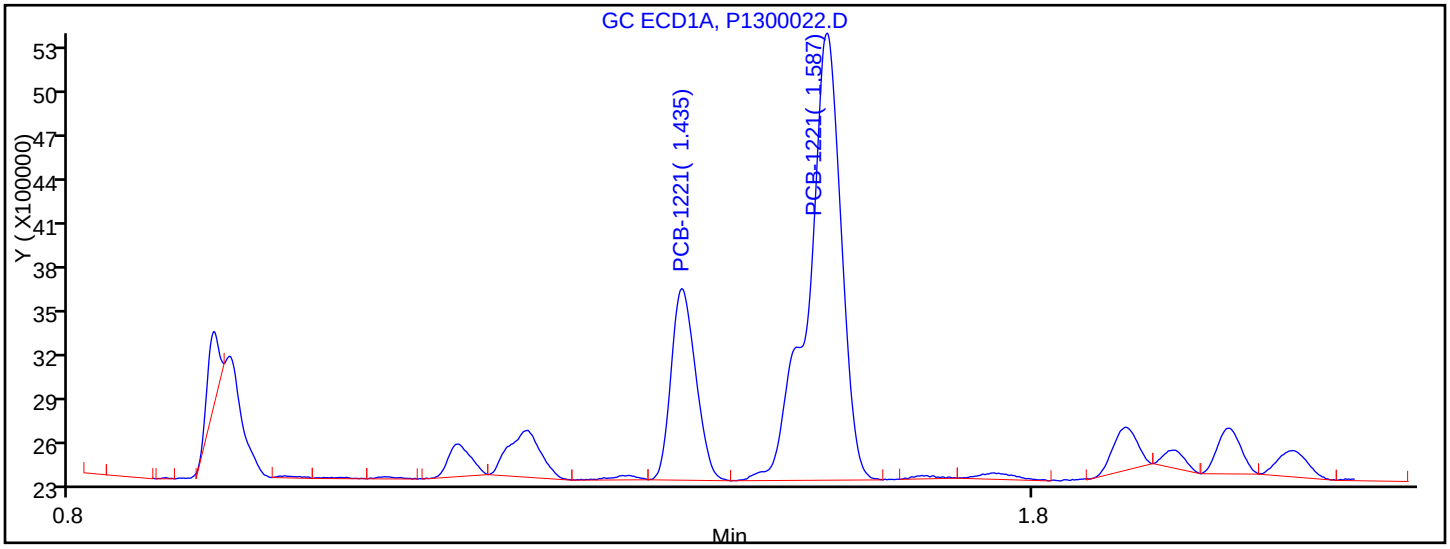
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

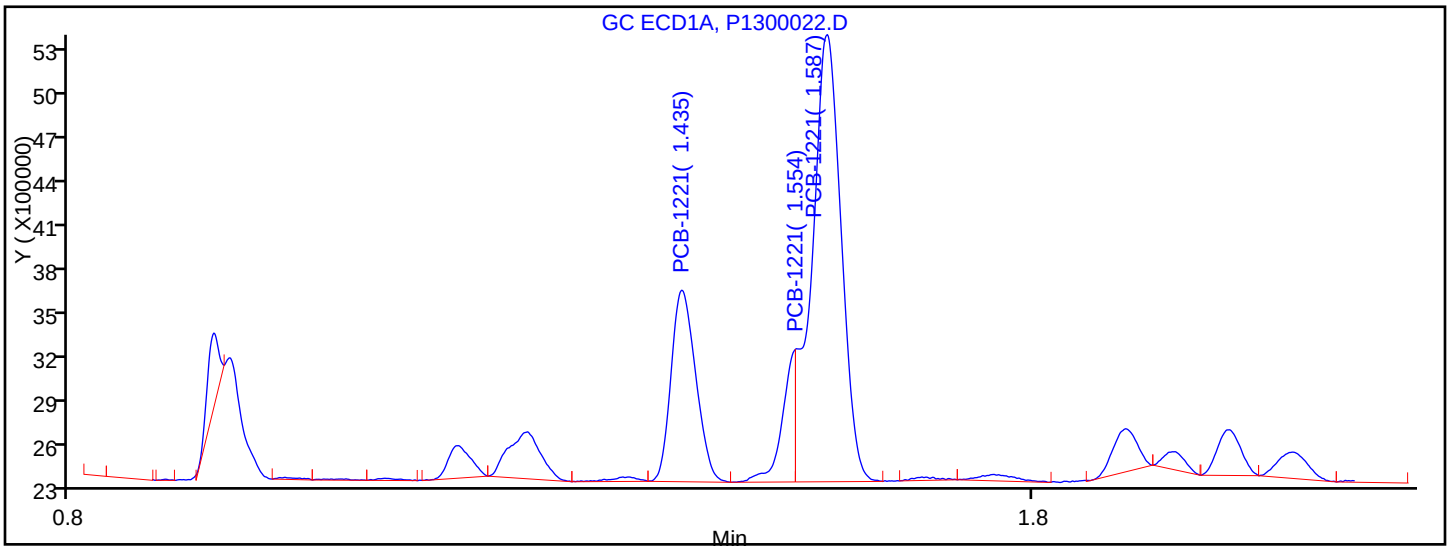
Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

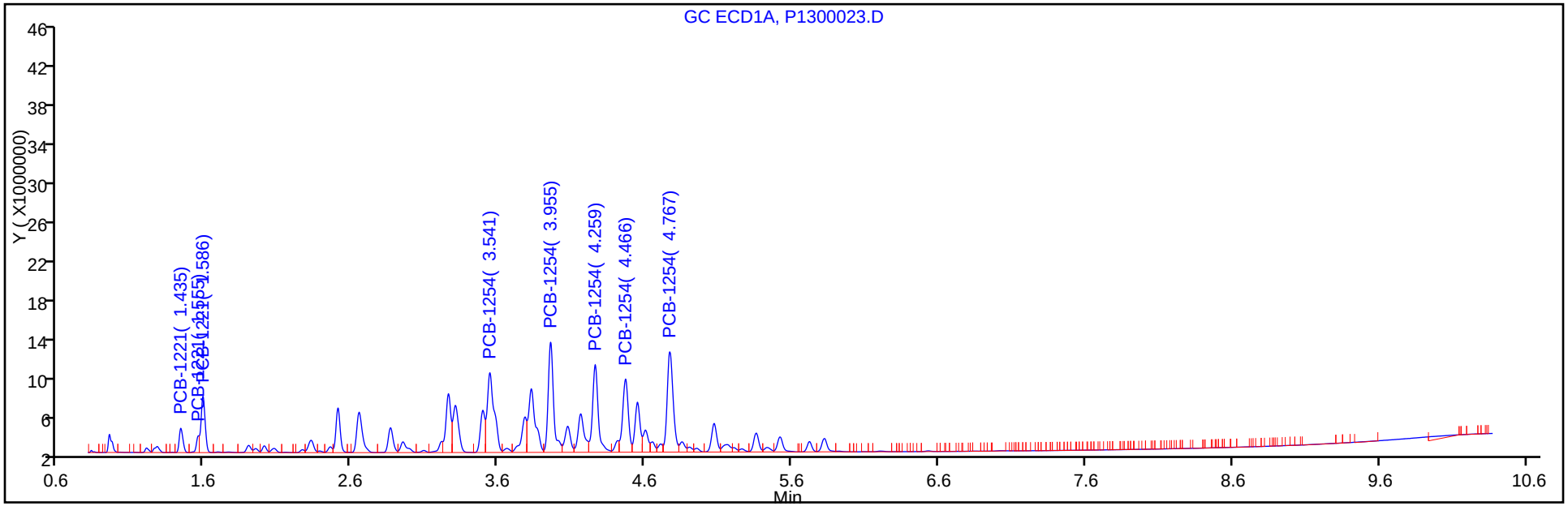
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

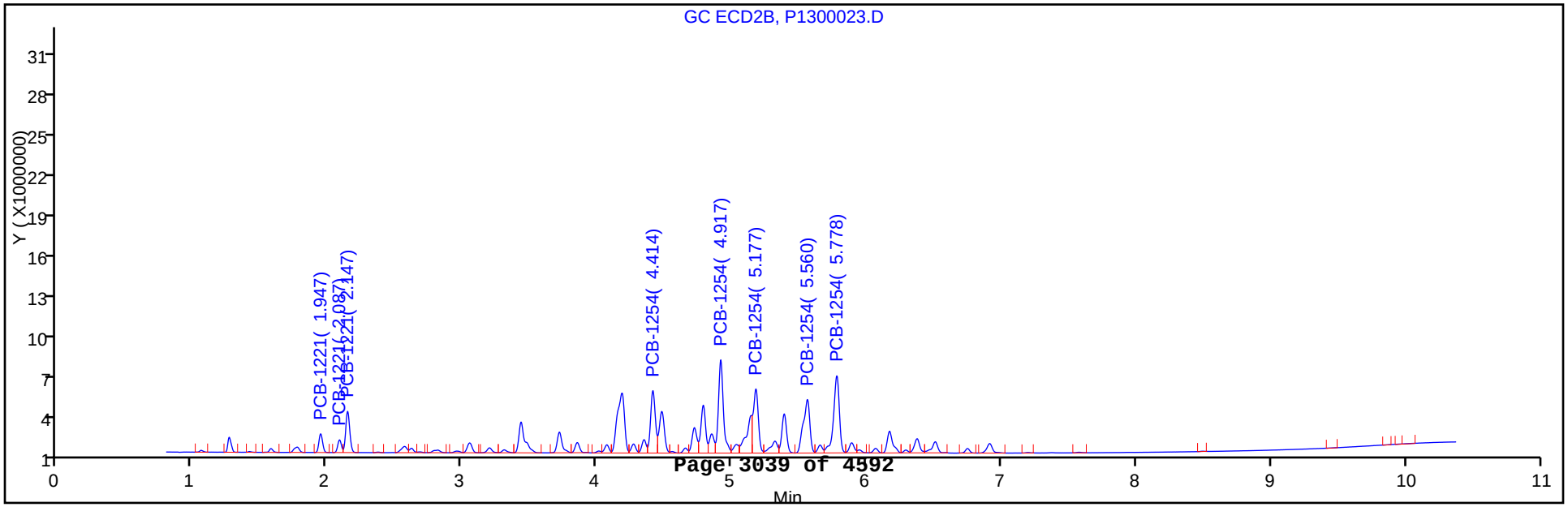
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

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



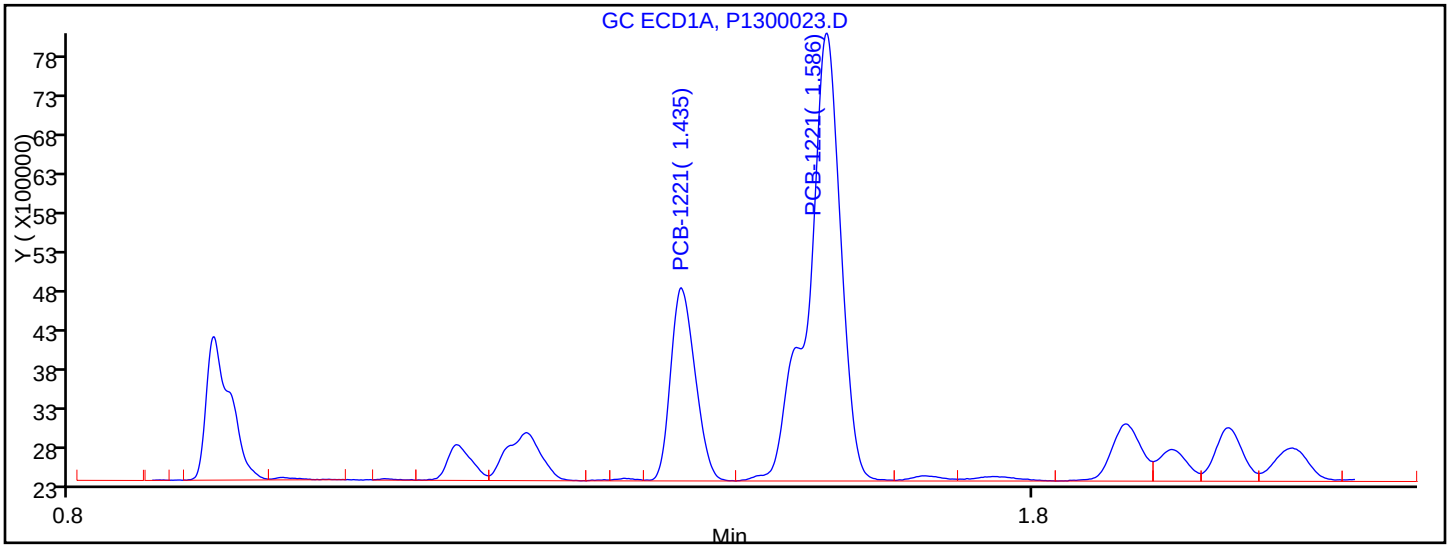
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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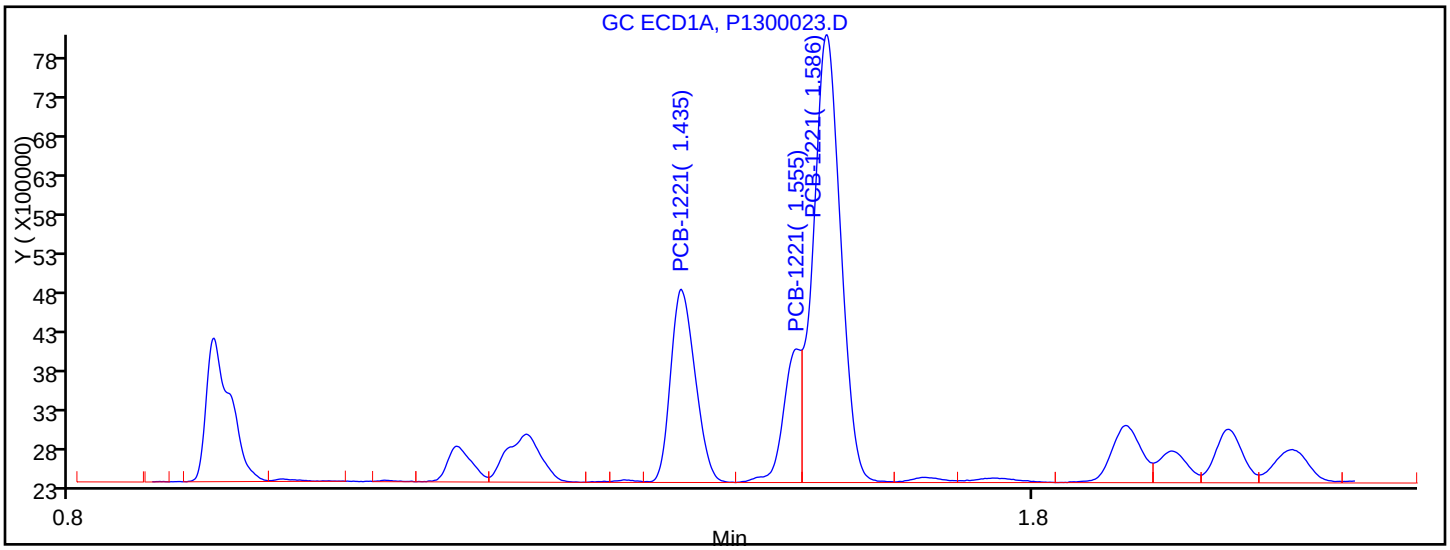
Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

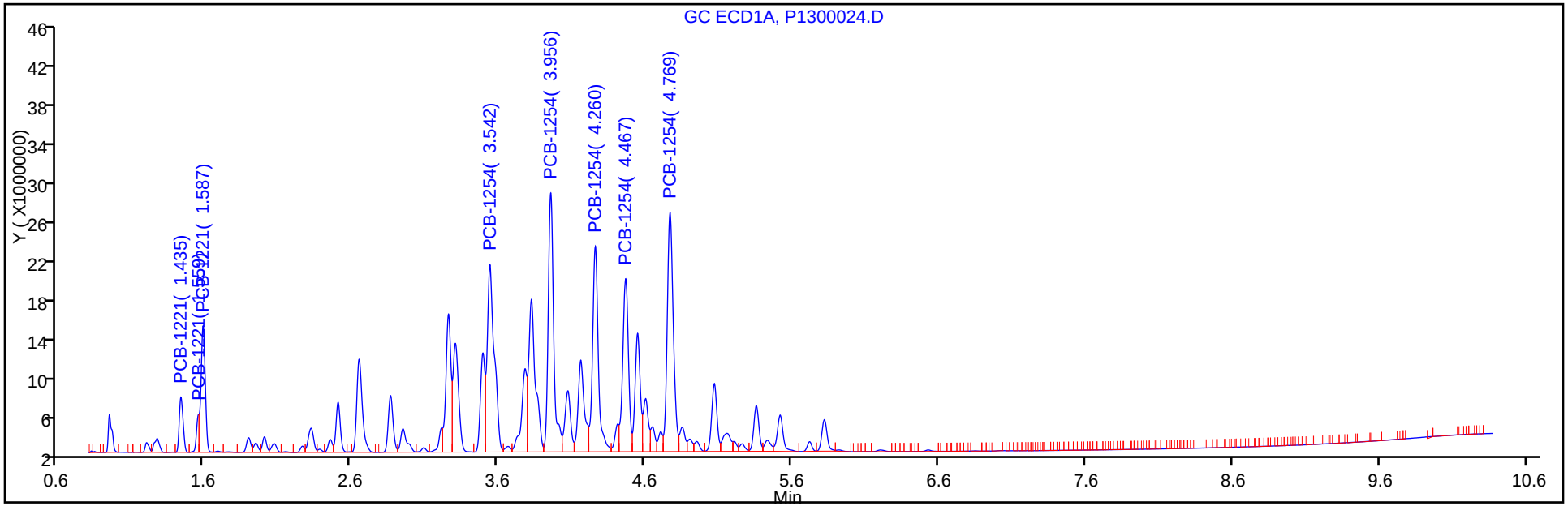
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

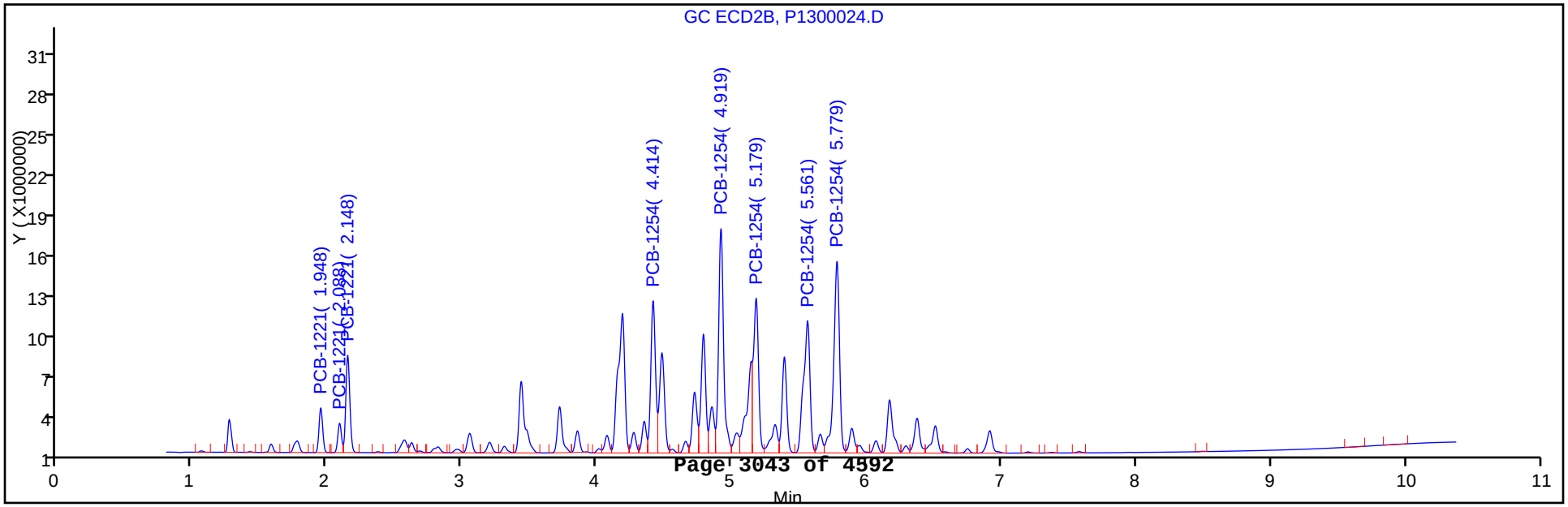
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D

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



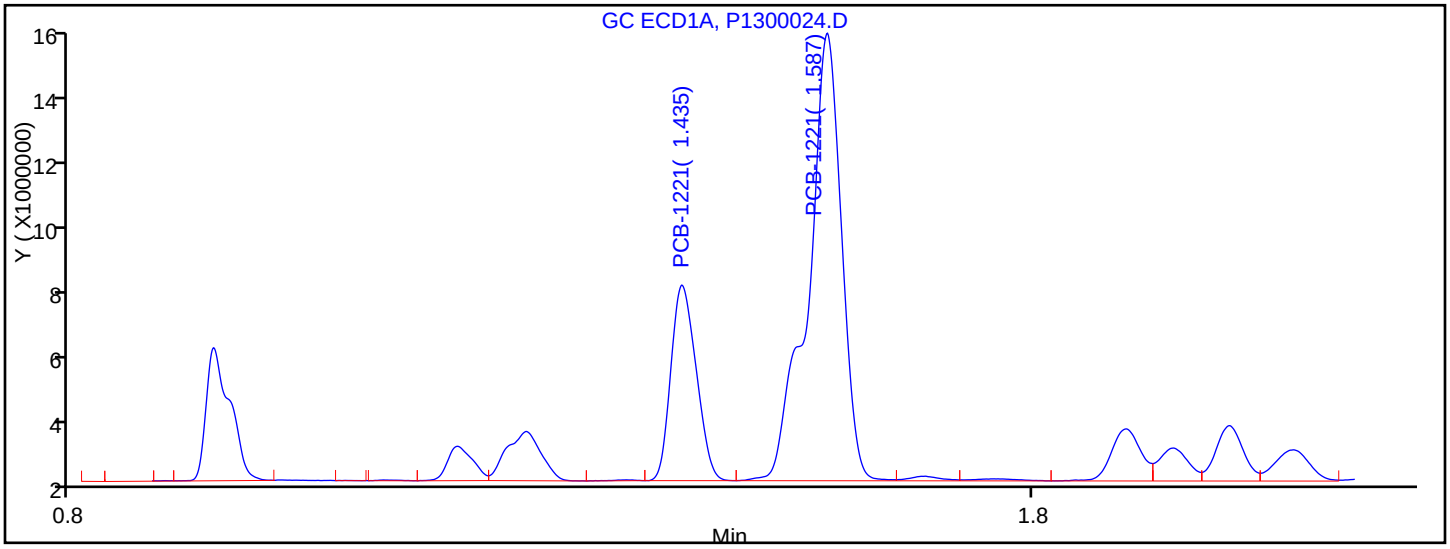
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

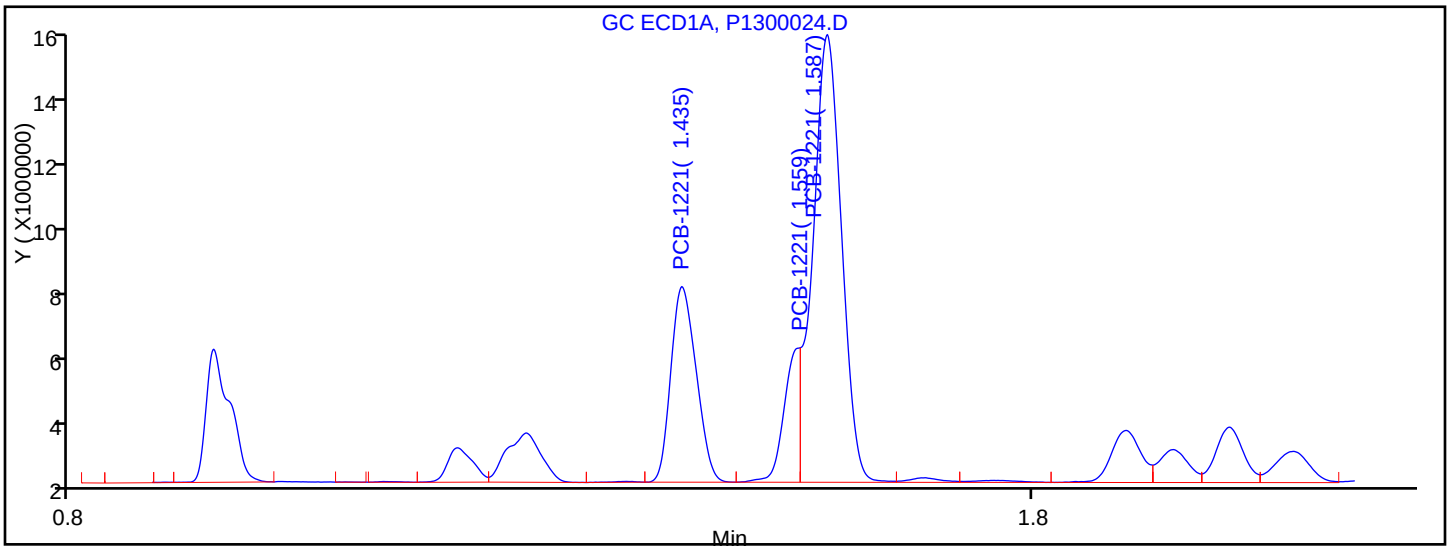
Injection Date:	21-Oct-2012 22:06:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

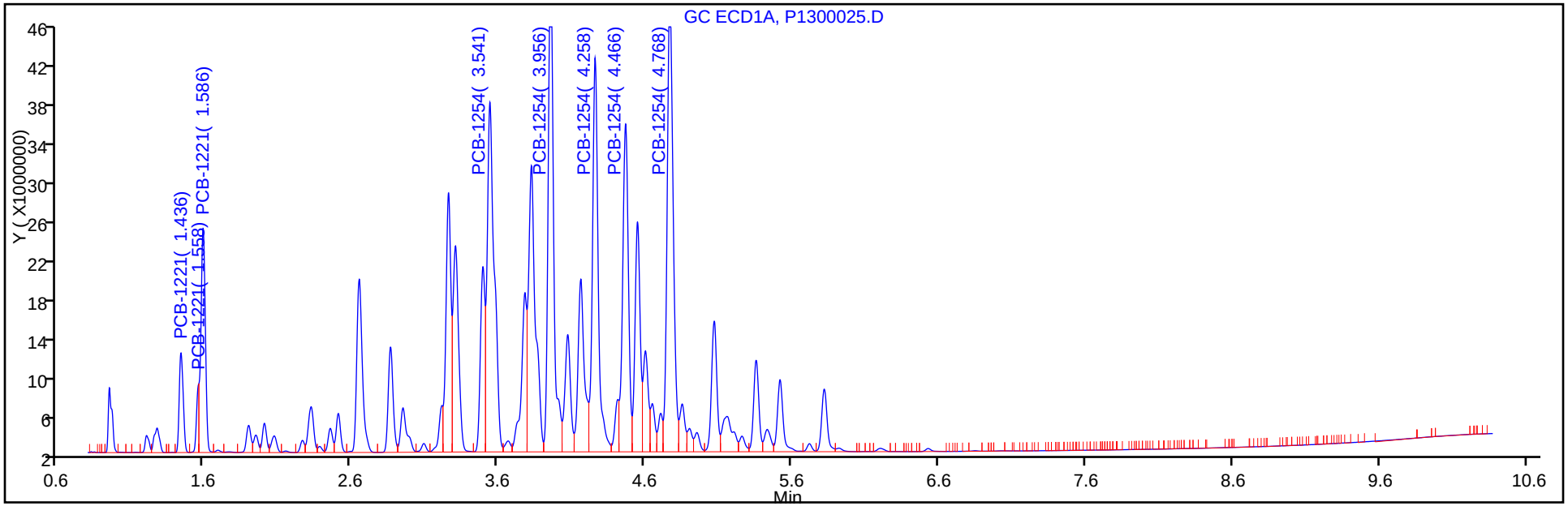
Report Date: 22-Oct-2012 09:18:14 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

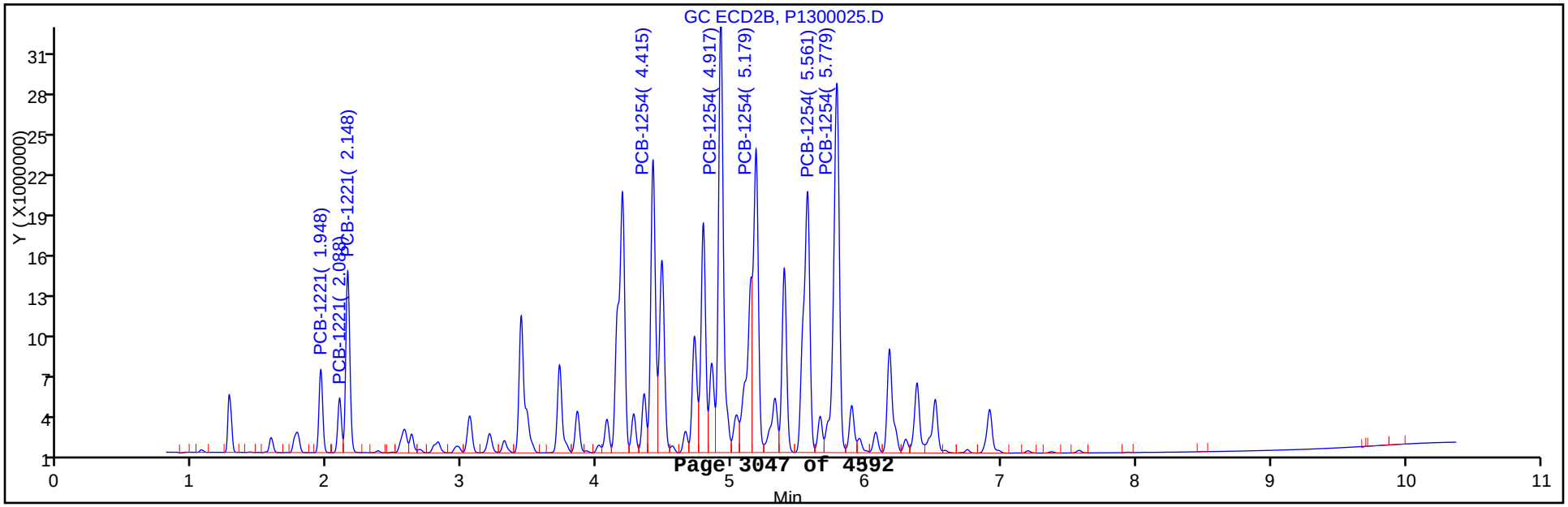
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

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



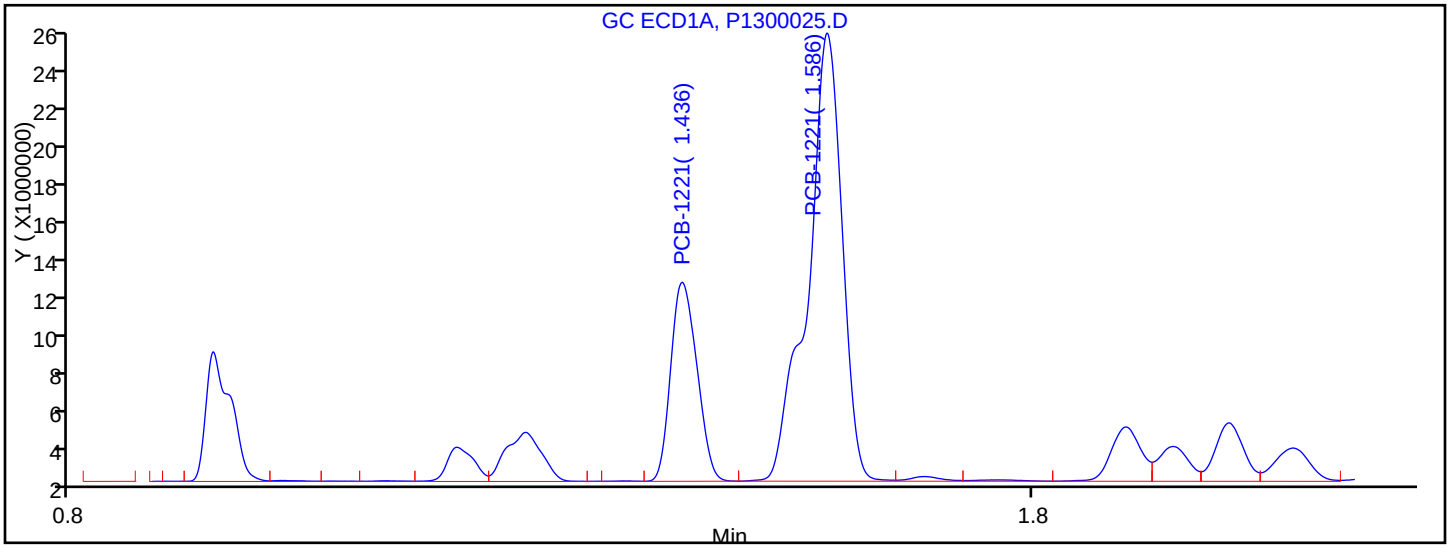
Report Date: 22-Oct-2012 09:18:15 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

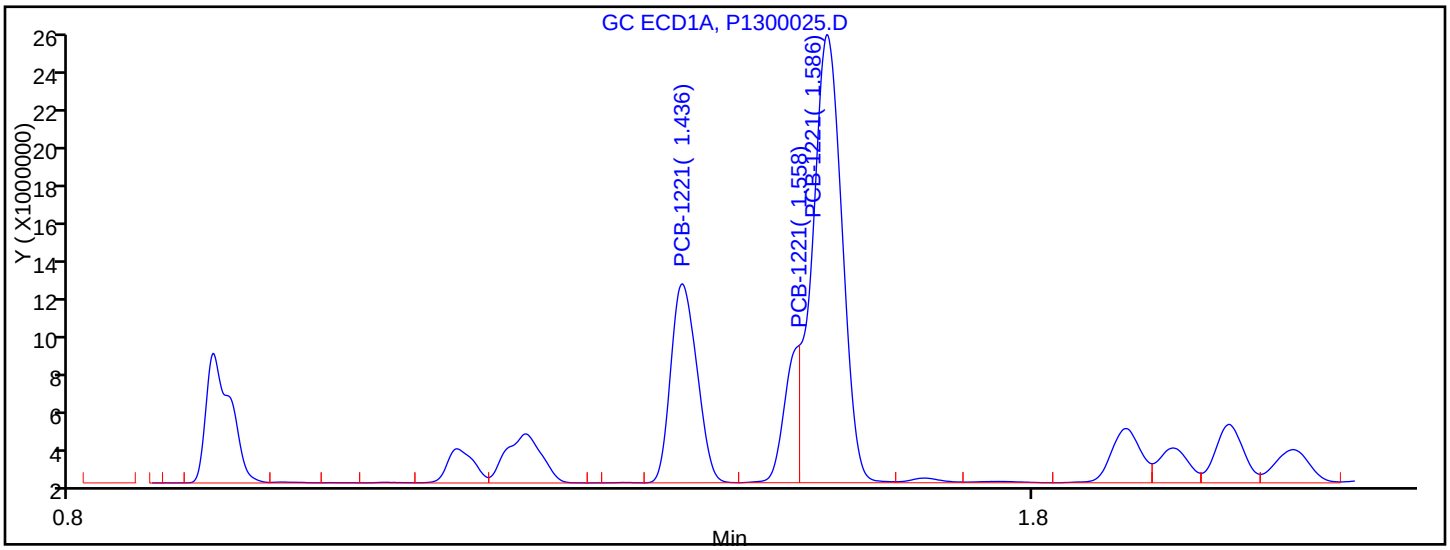
Injection Date:	21-Oct-2012 22:21:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

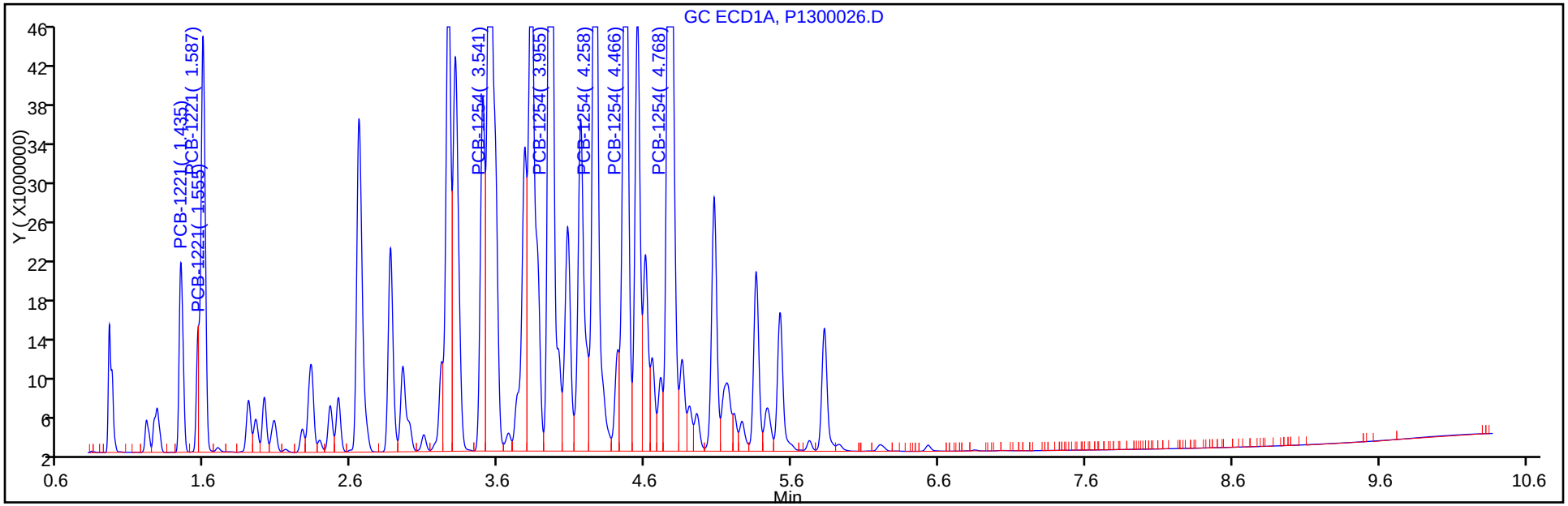
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

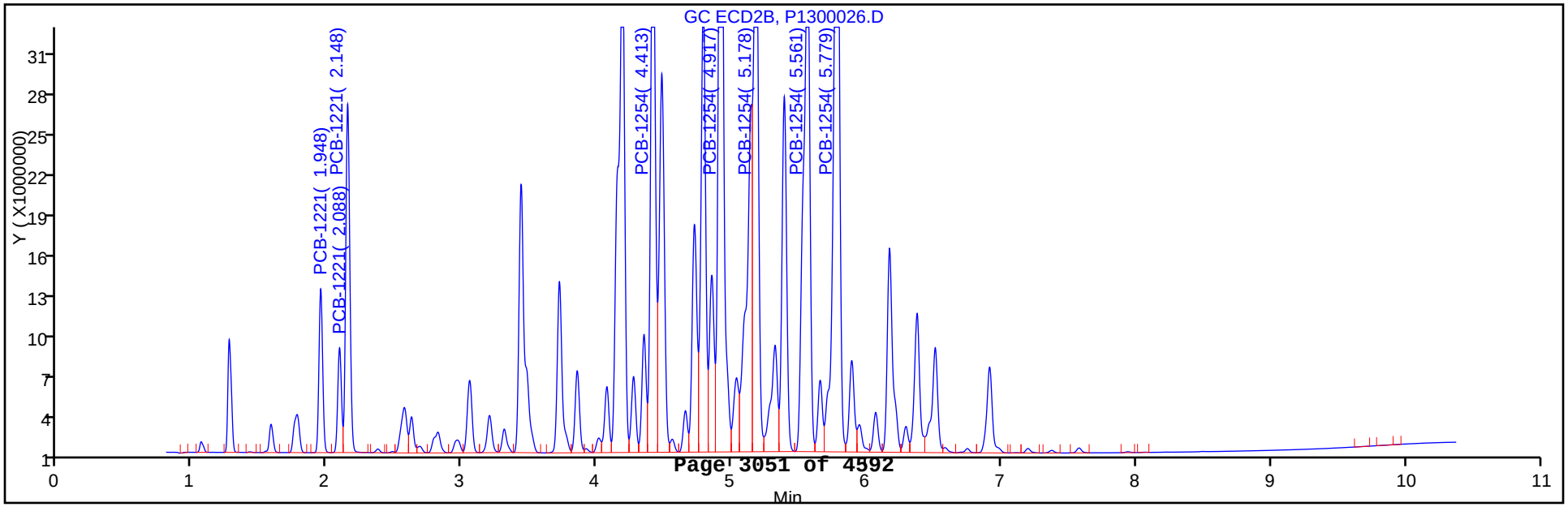
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

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



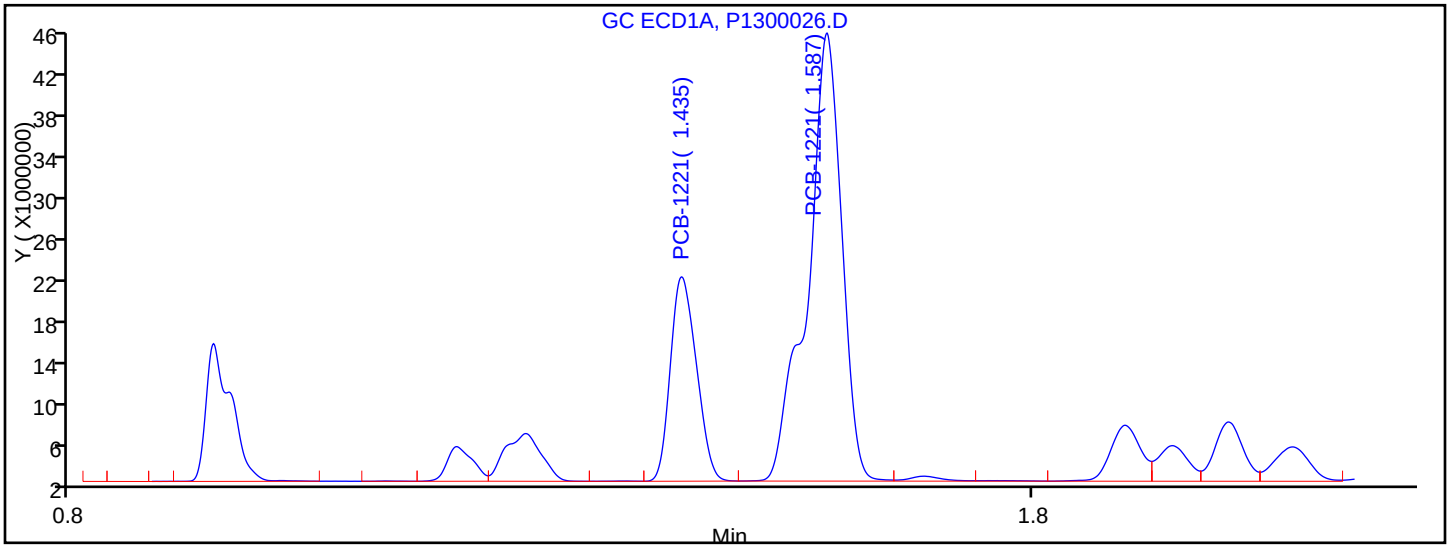
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

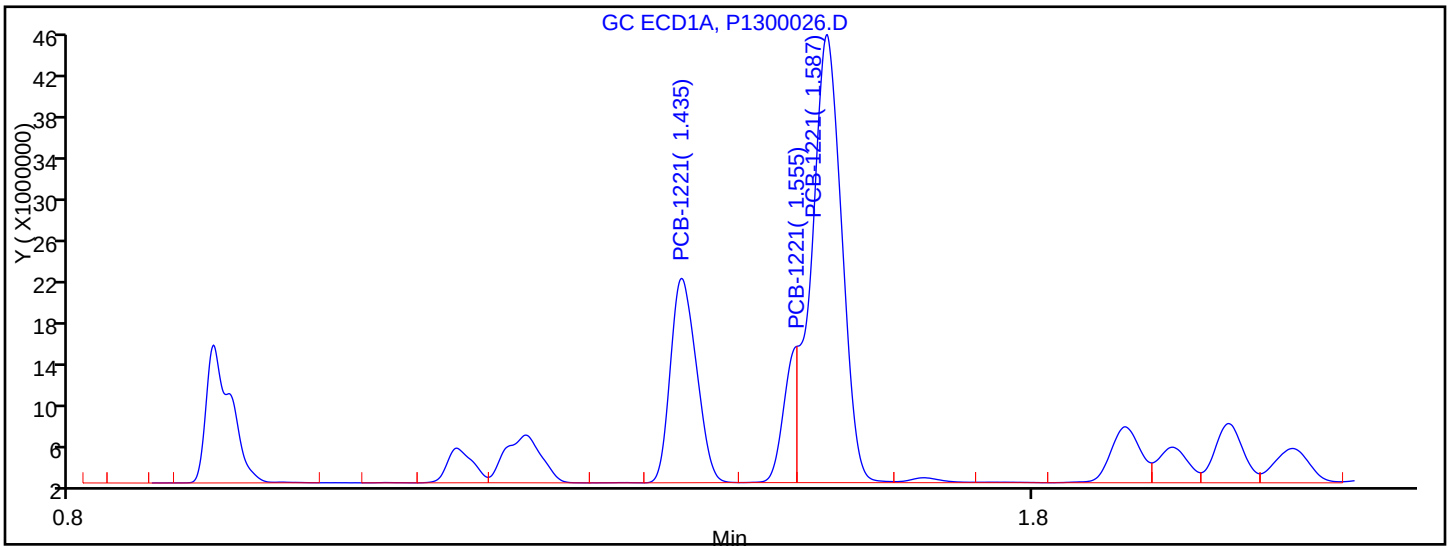
Injection Date:	21-Oct-2012 22:36:27	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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

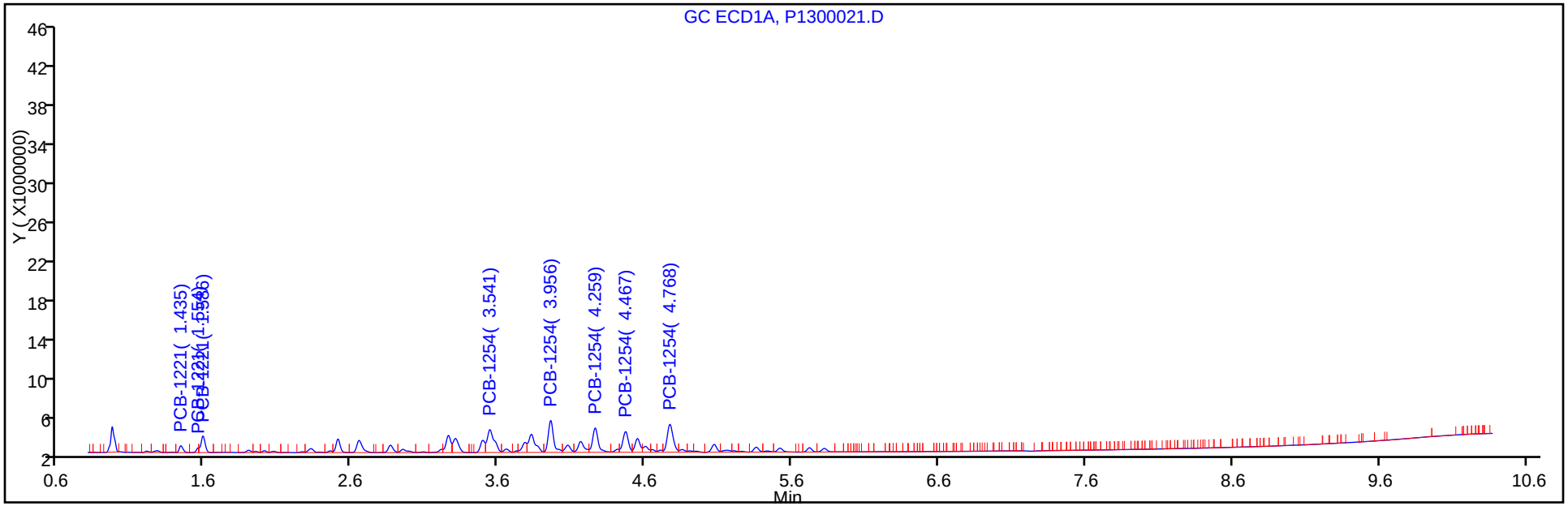
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

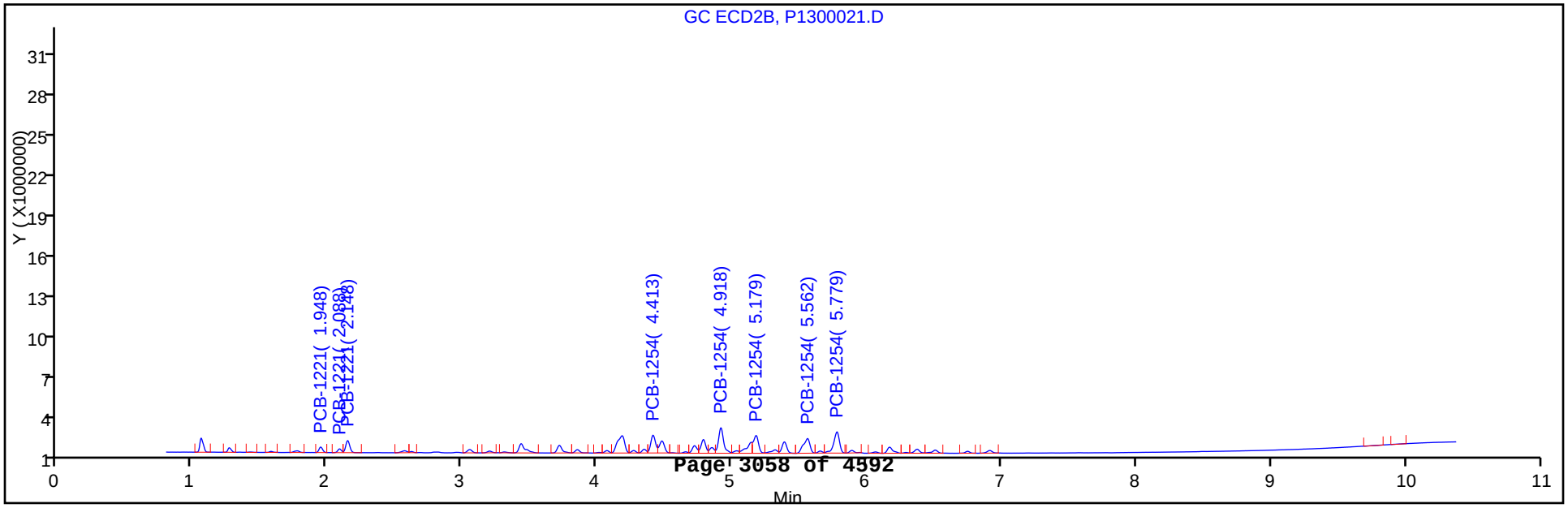
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300021.D

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

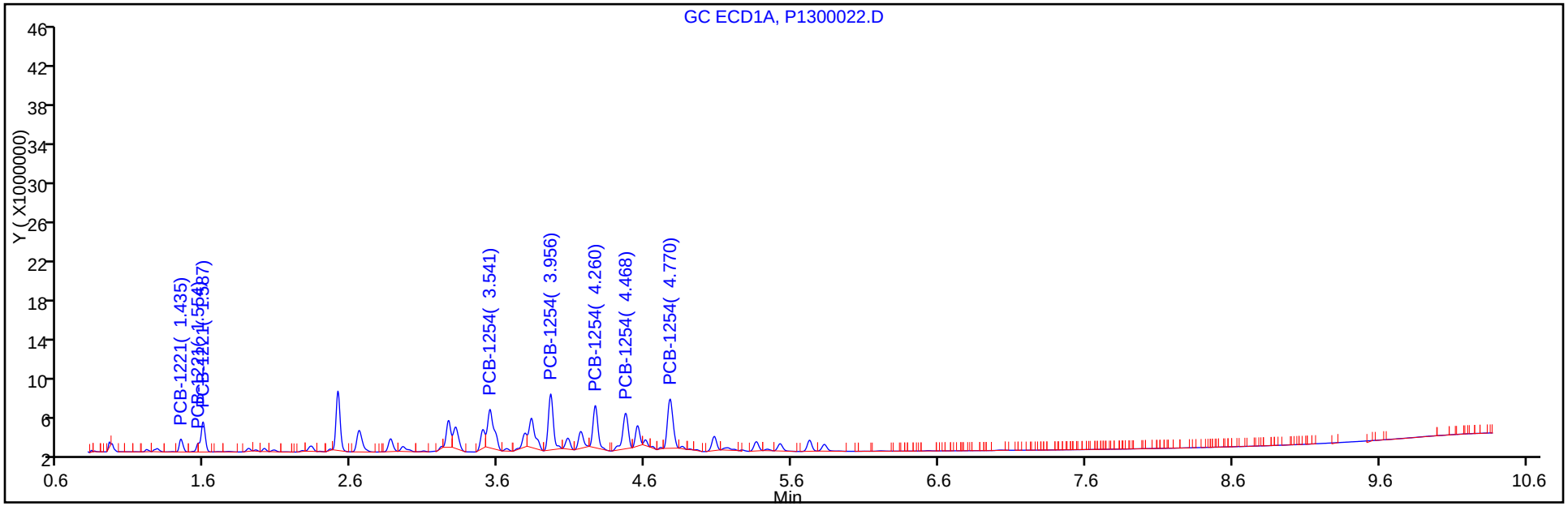
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

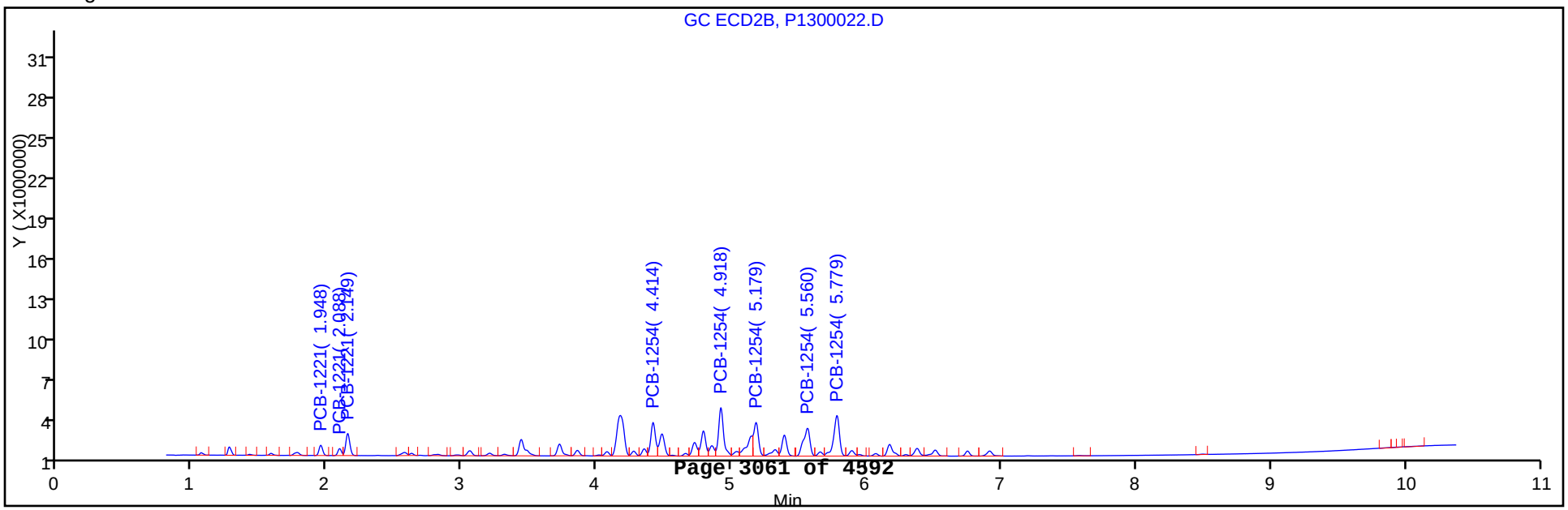
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

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



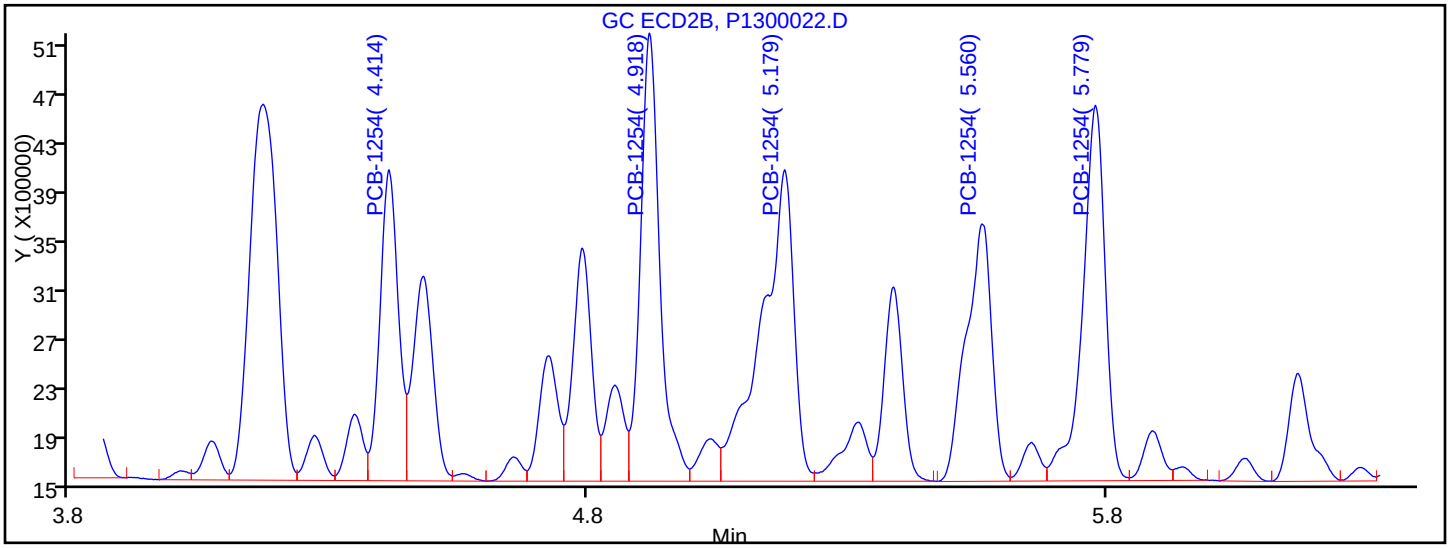
Report Date: 22-Oct-2012 09:18:20 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

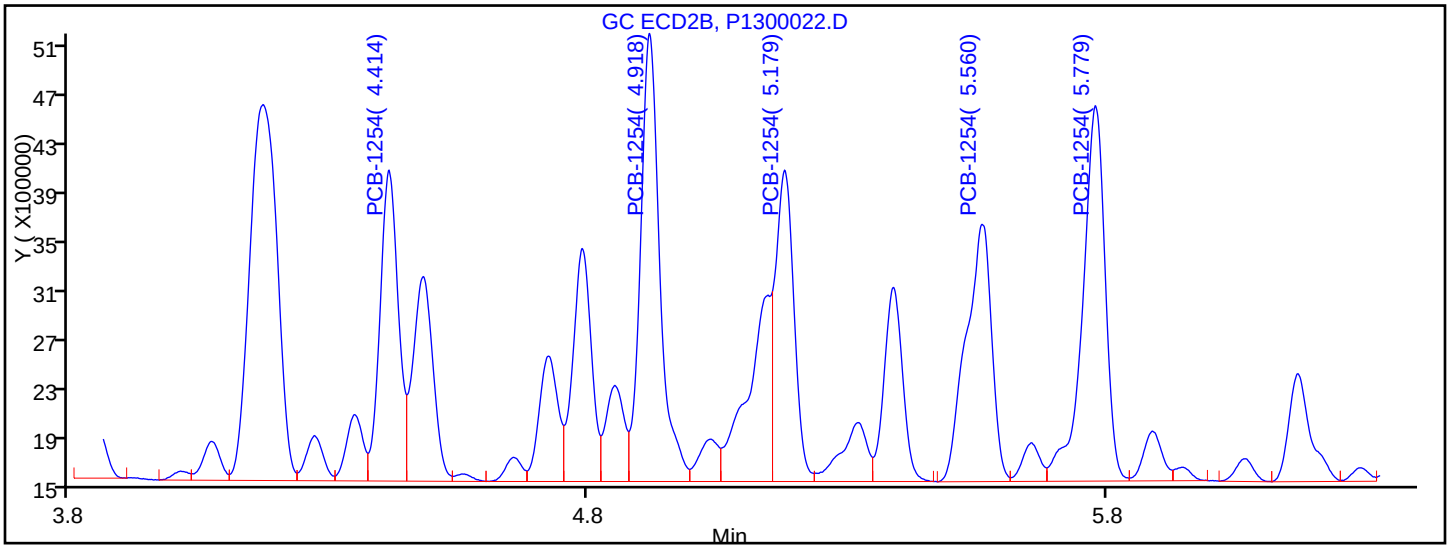
Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

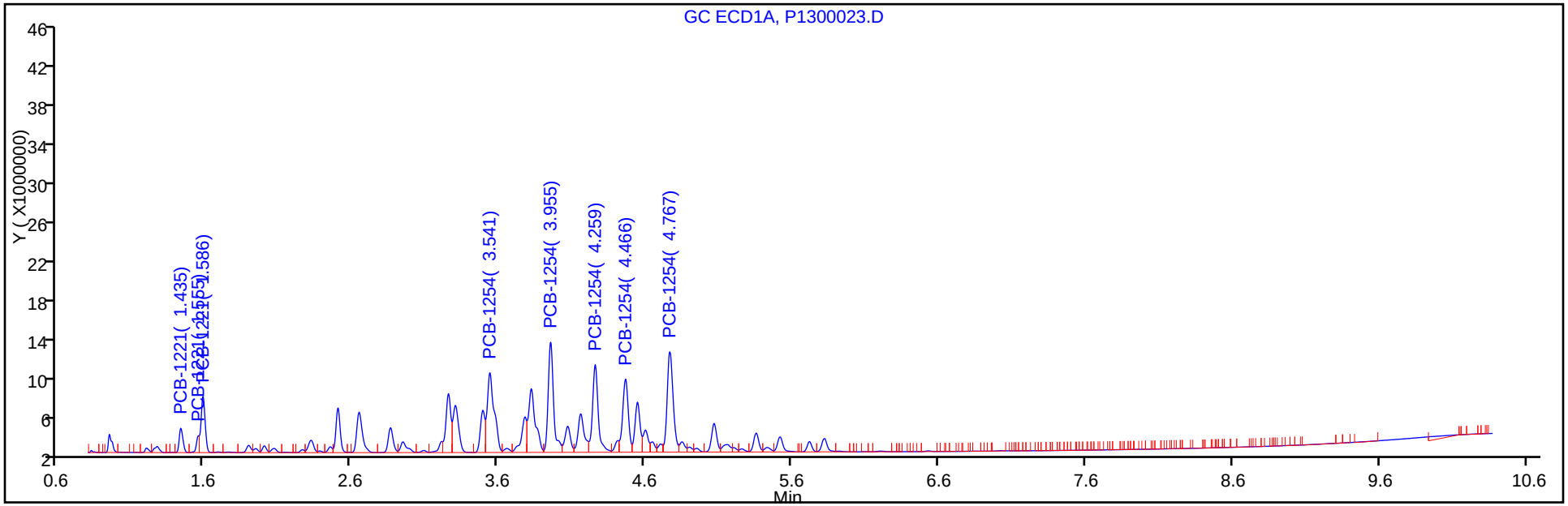
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

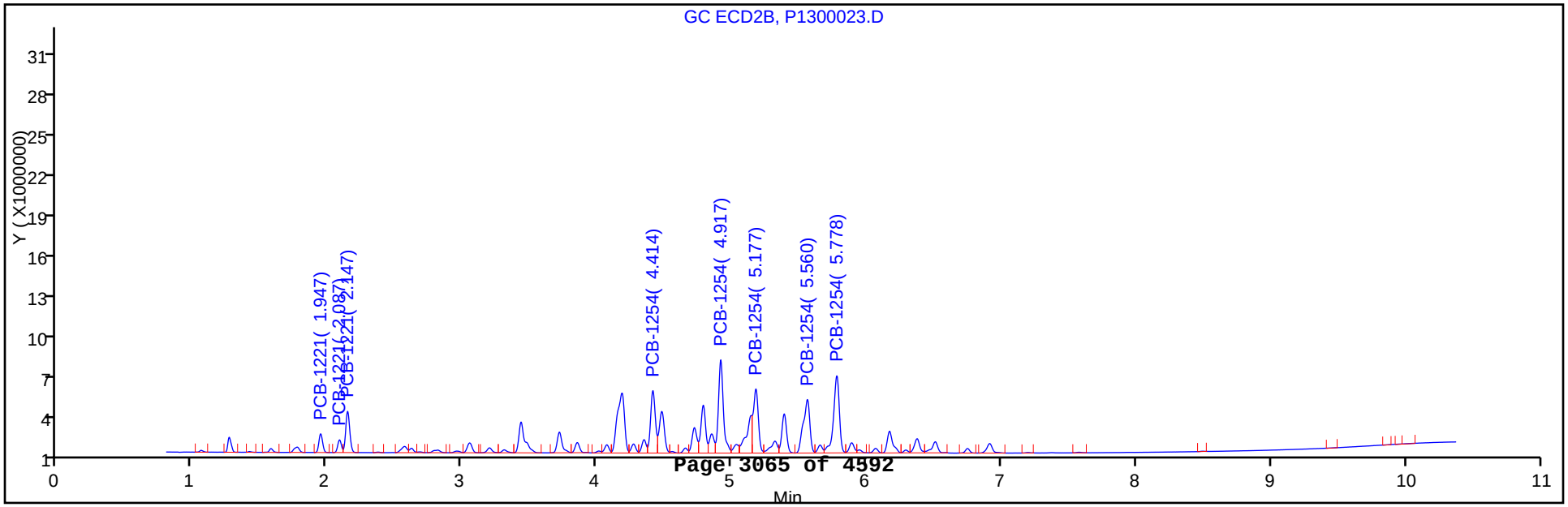
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

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



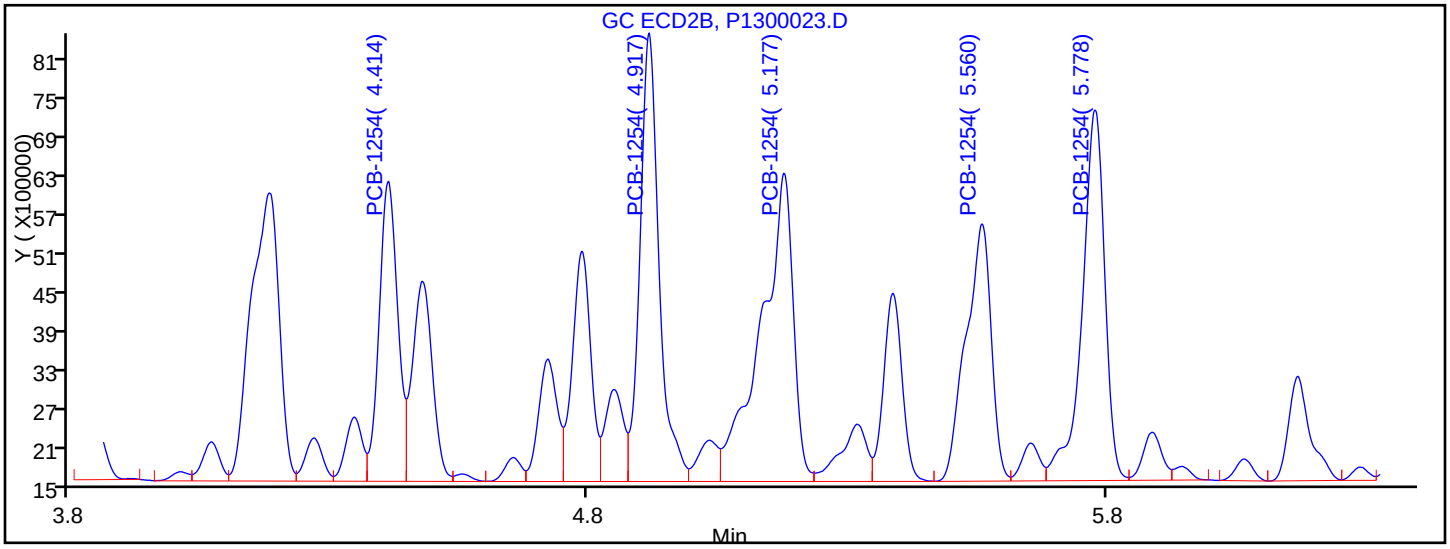
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

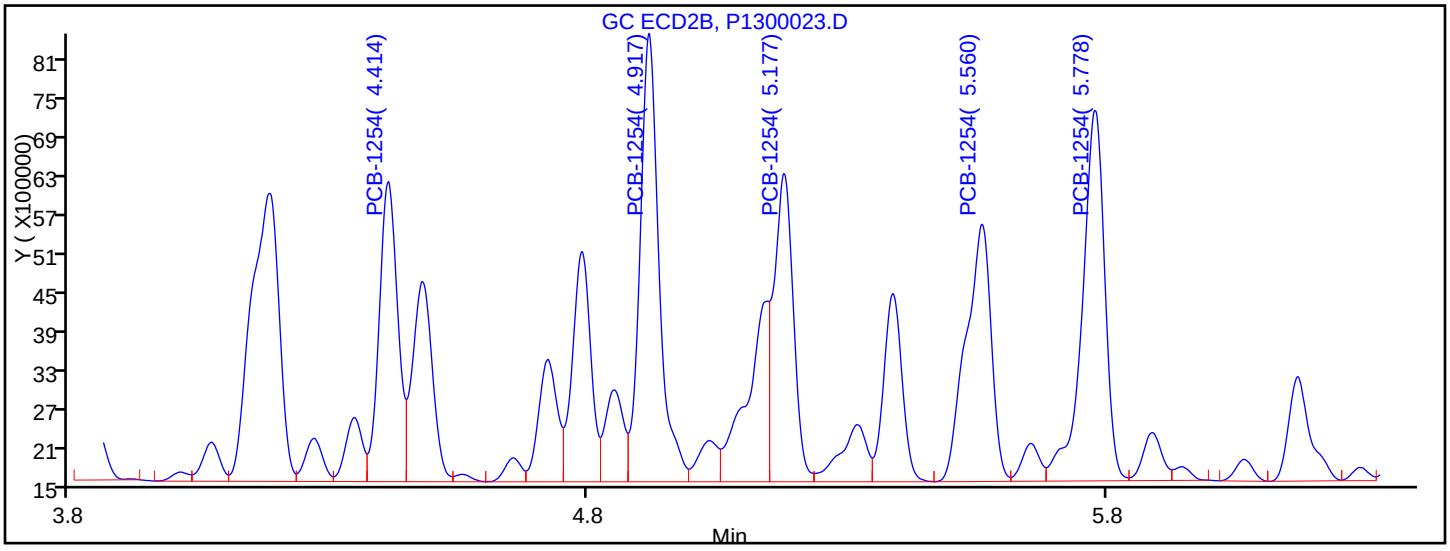
Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

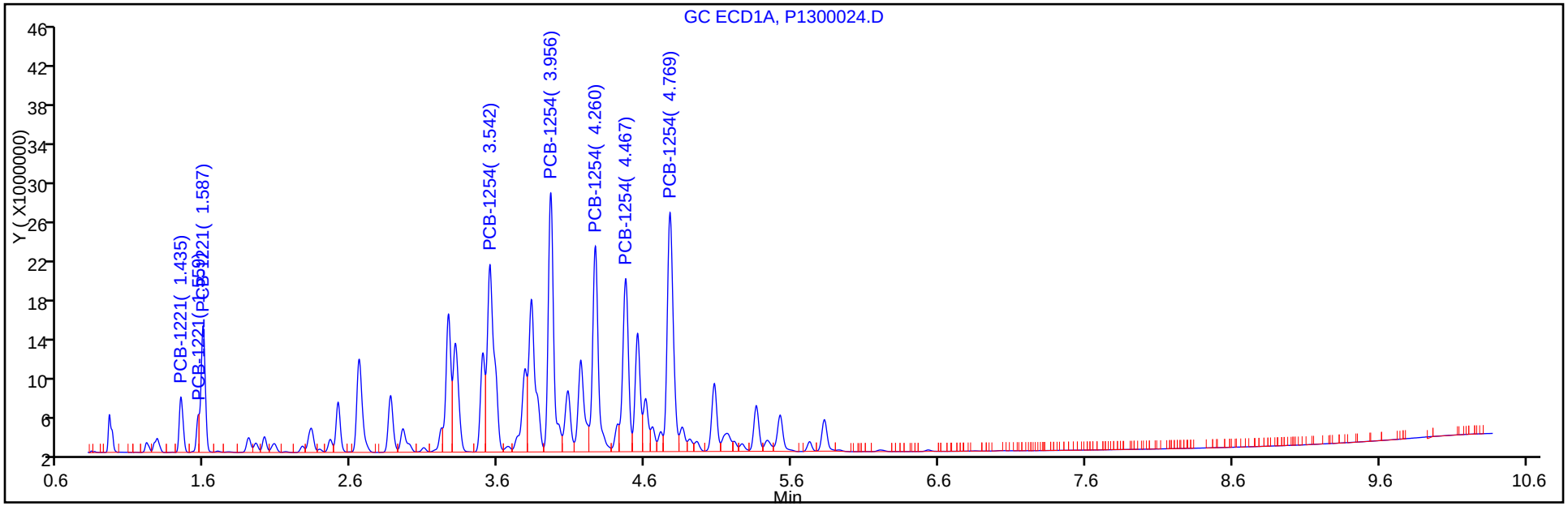
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

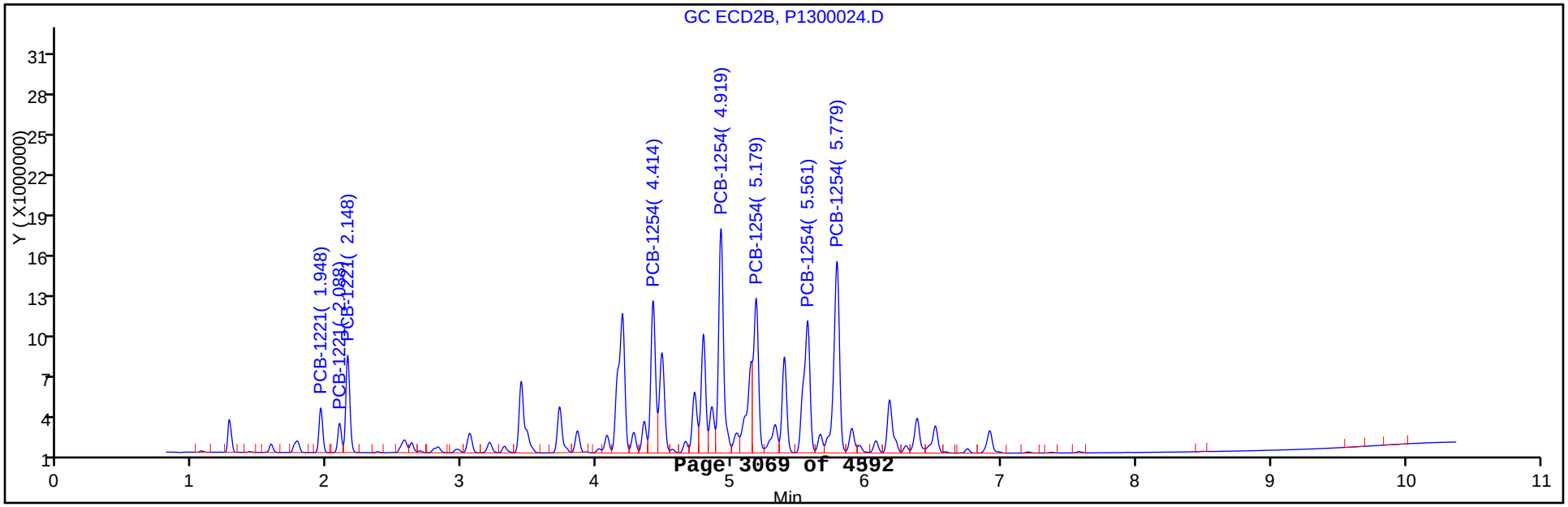
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Injection Date:	21-Oct-2012 22:06:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

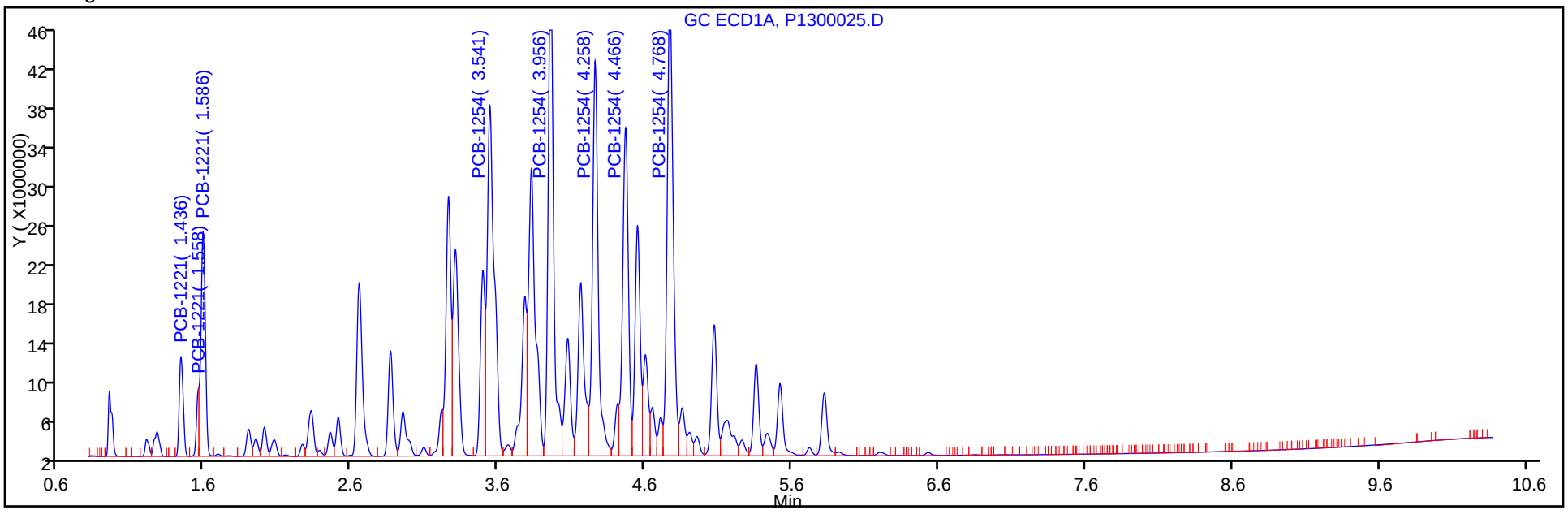
Report Date: 22-Oct-2012 09:18:15 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

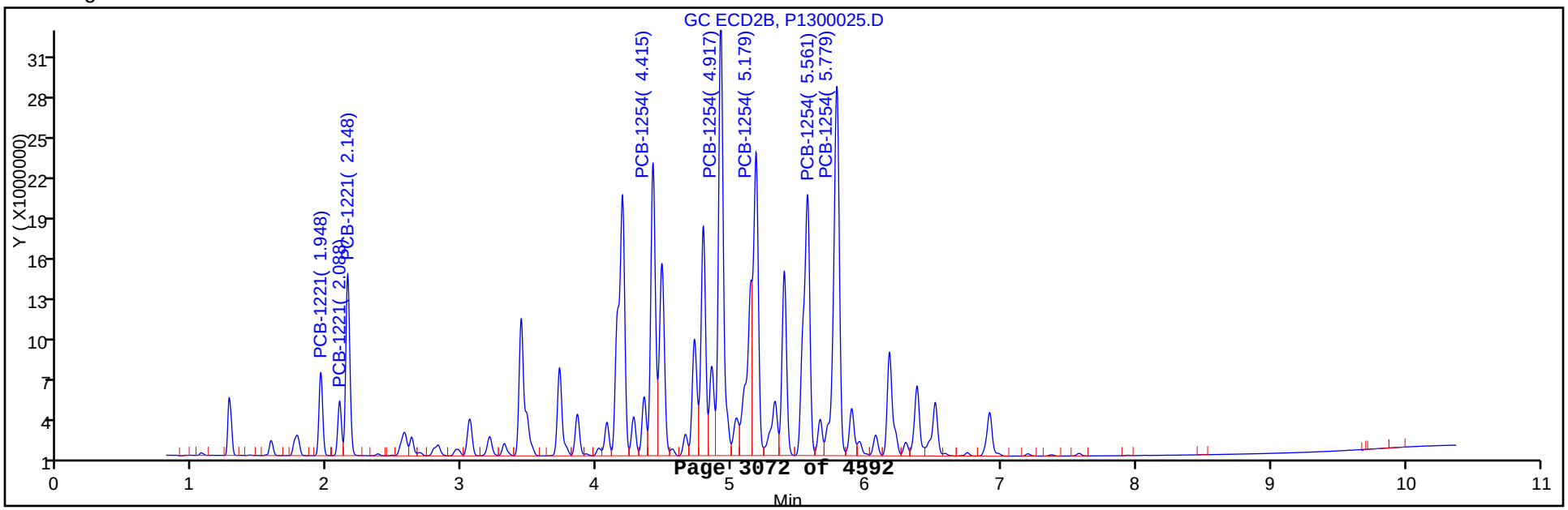
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

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

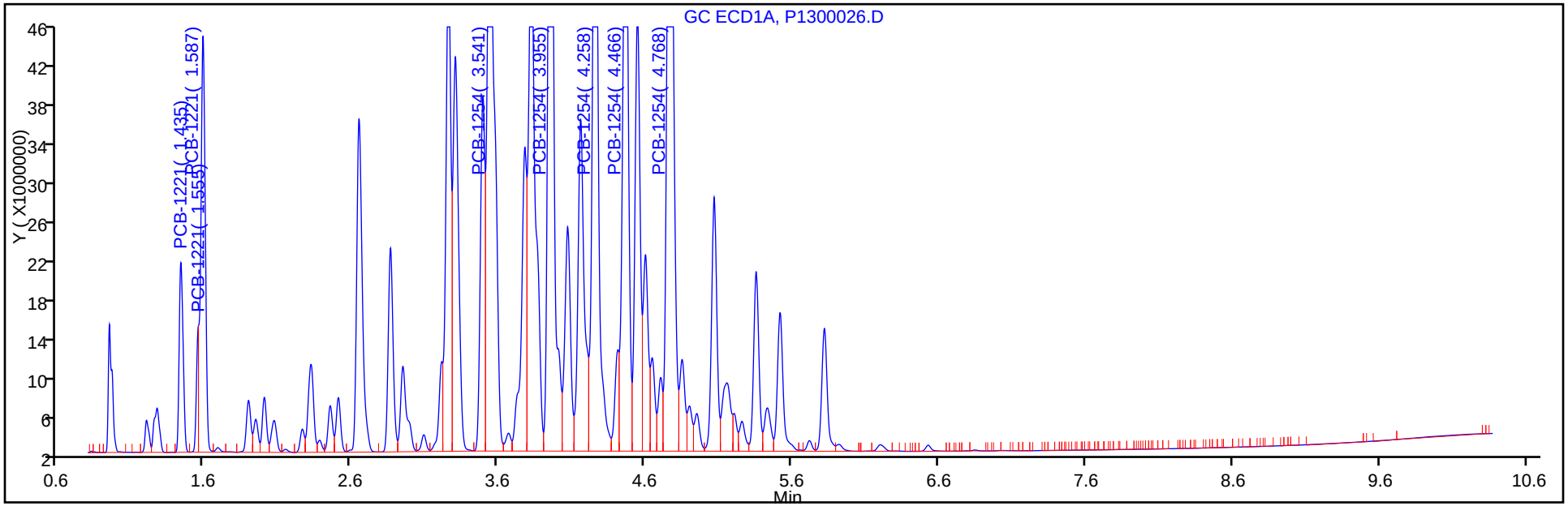
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TestAmerica Canton

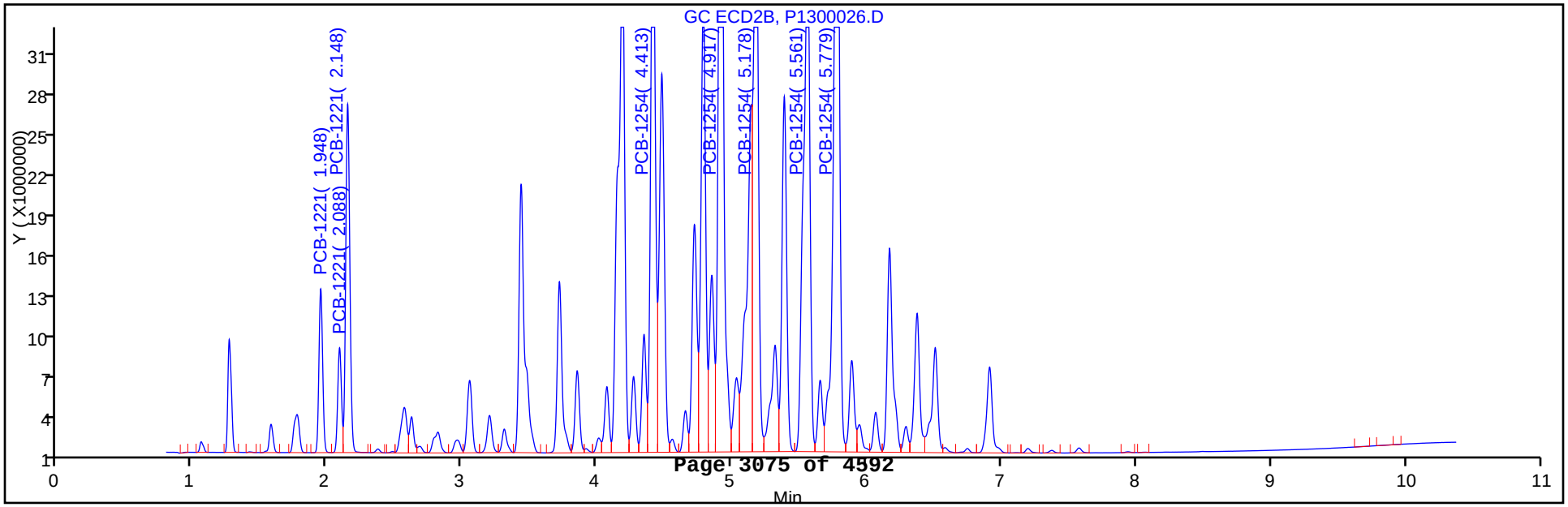
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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

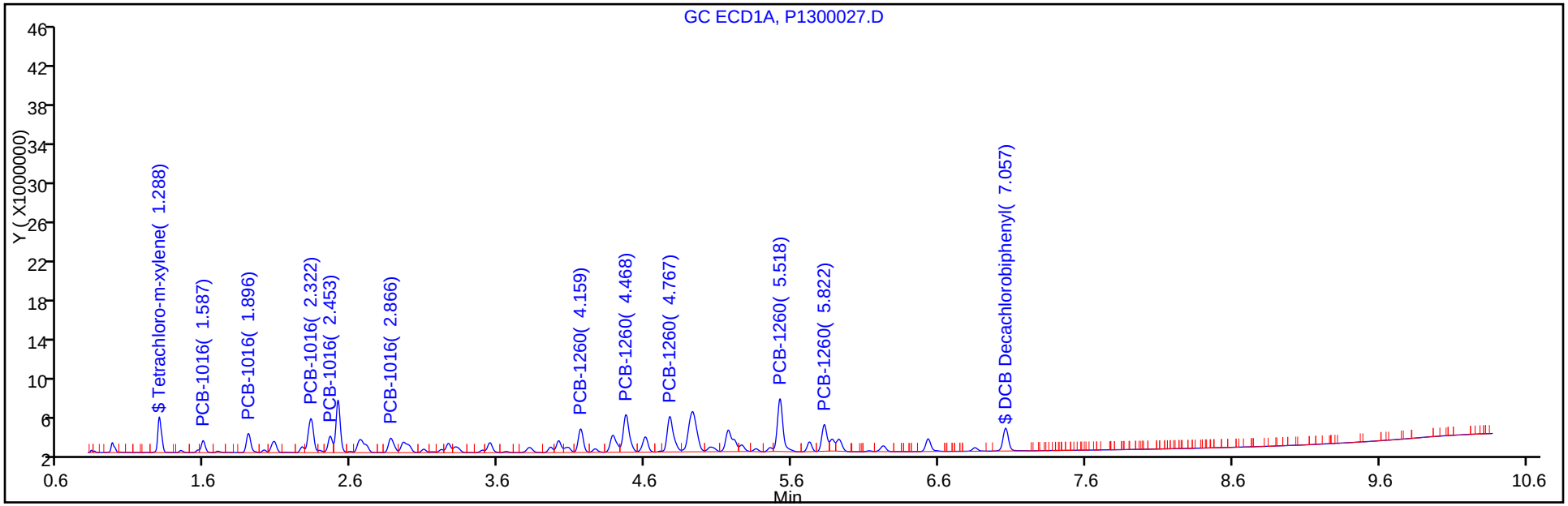
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

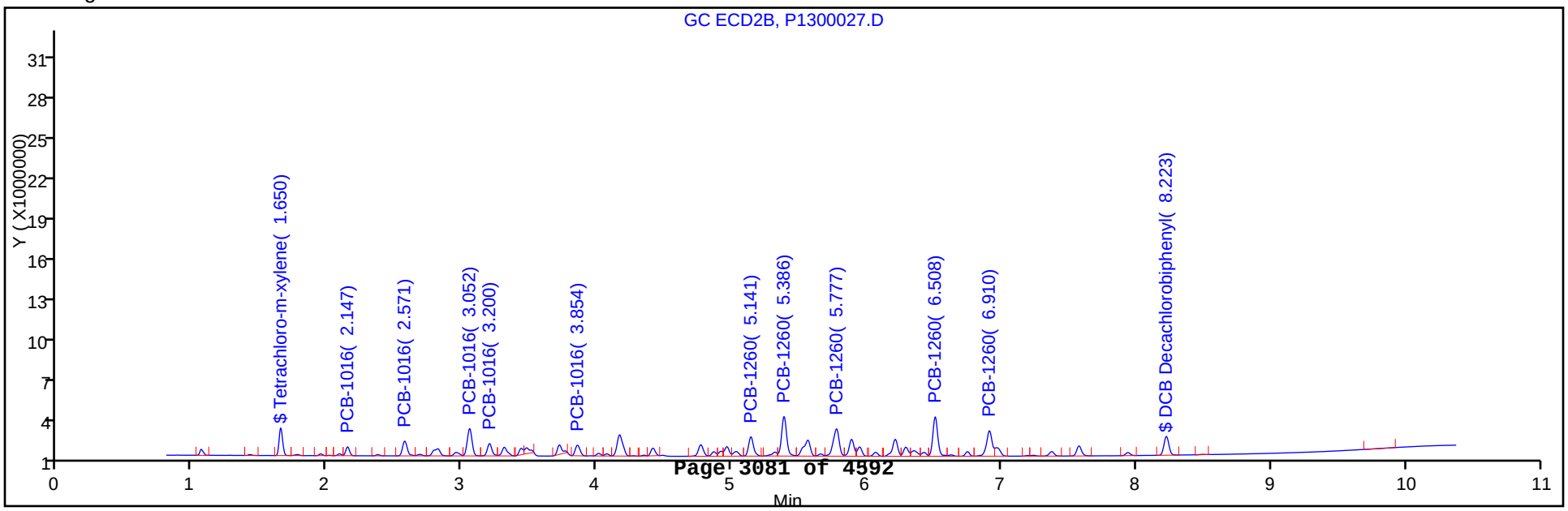
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Injection Date:	21-Oct-2012 22:51:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



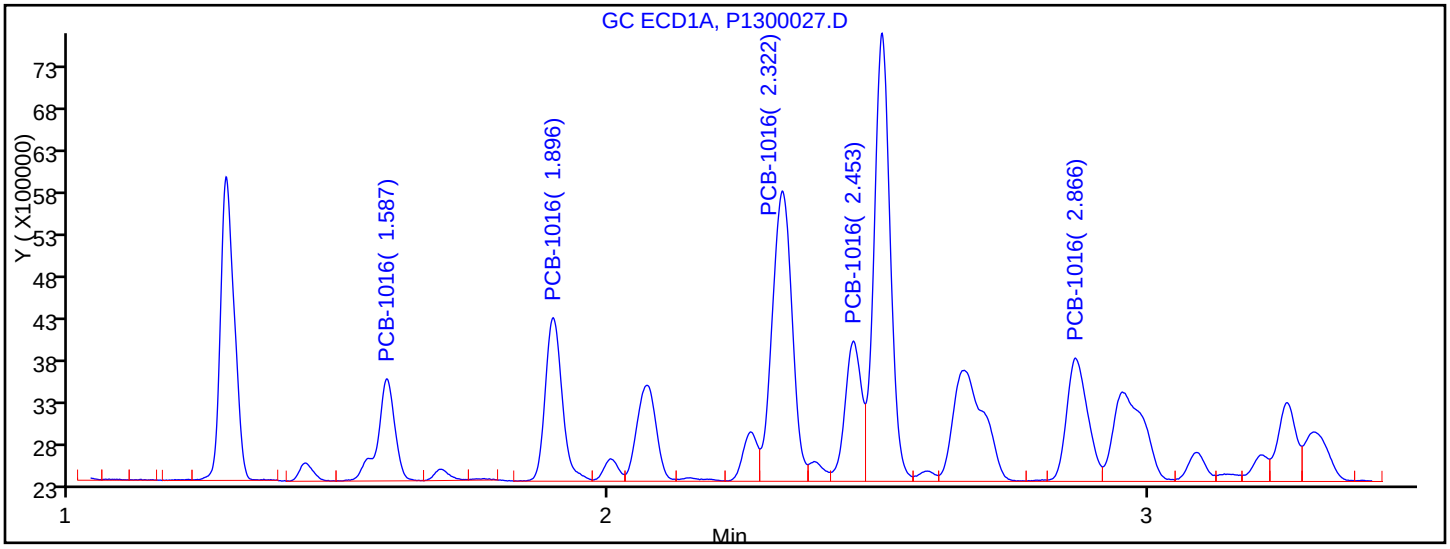
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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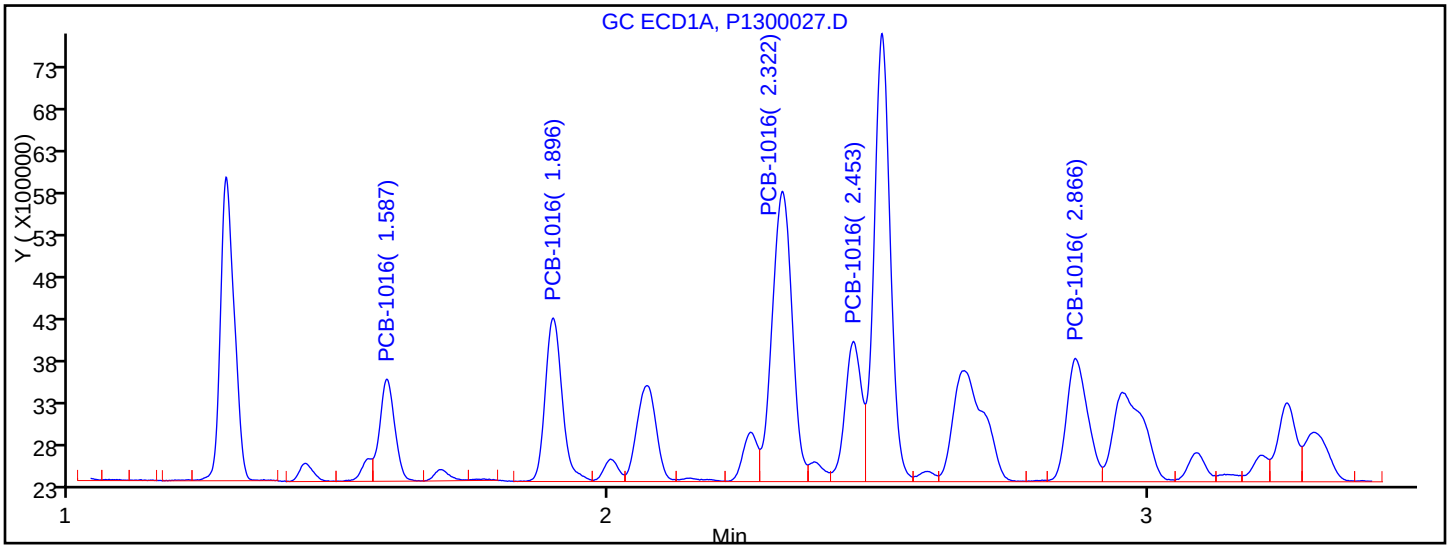
Injection Date:	21-Oct-2012 22:51:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

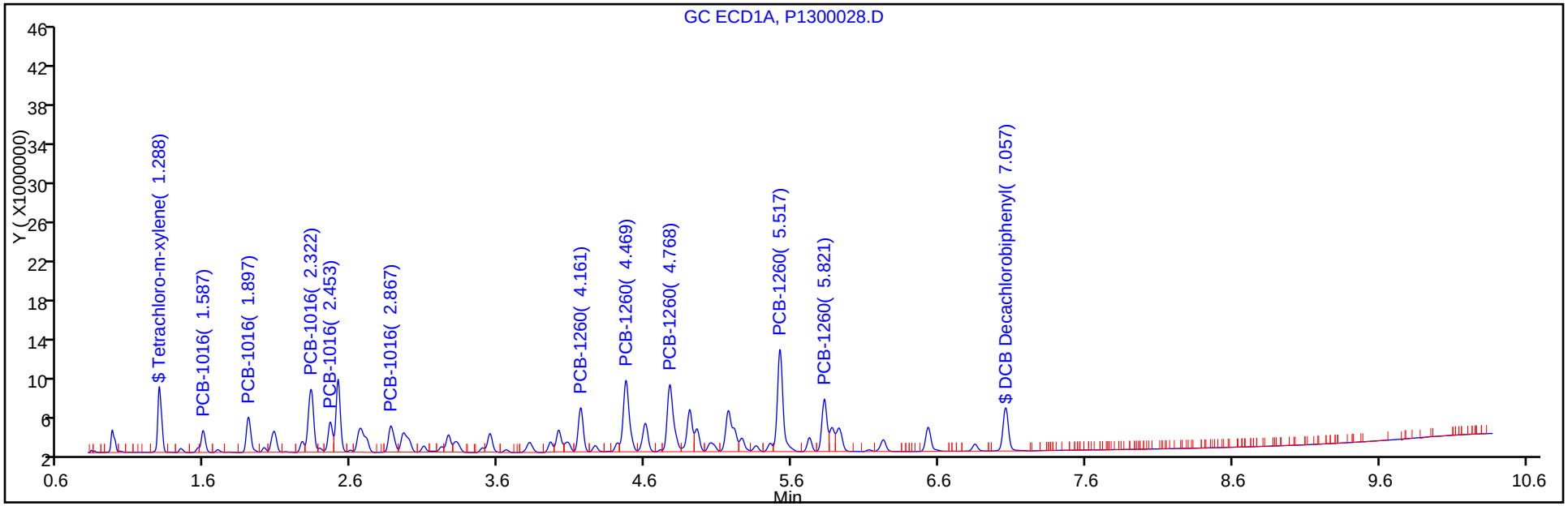
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

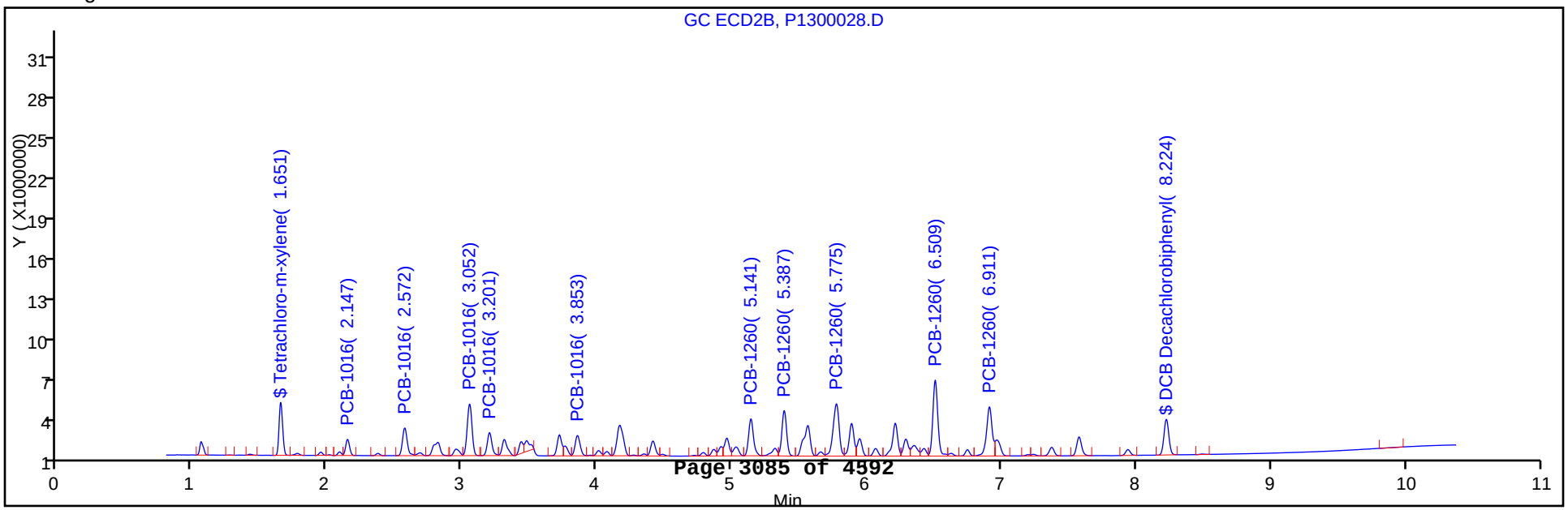
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Injection Date:	21-Oct-2012 23:06:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



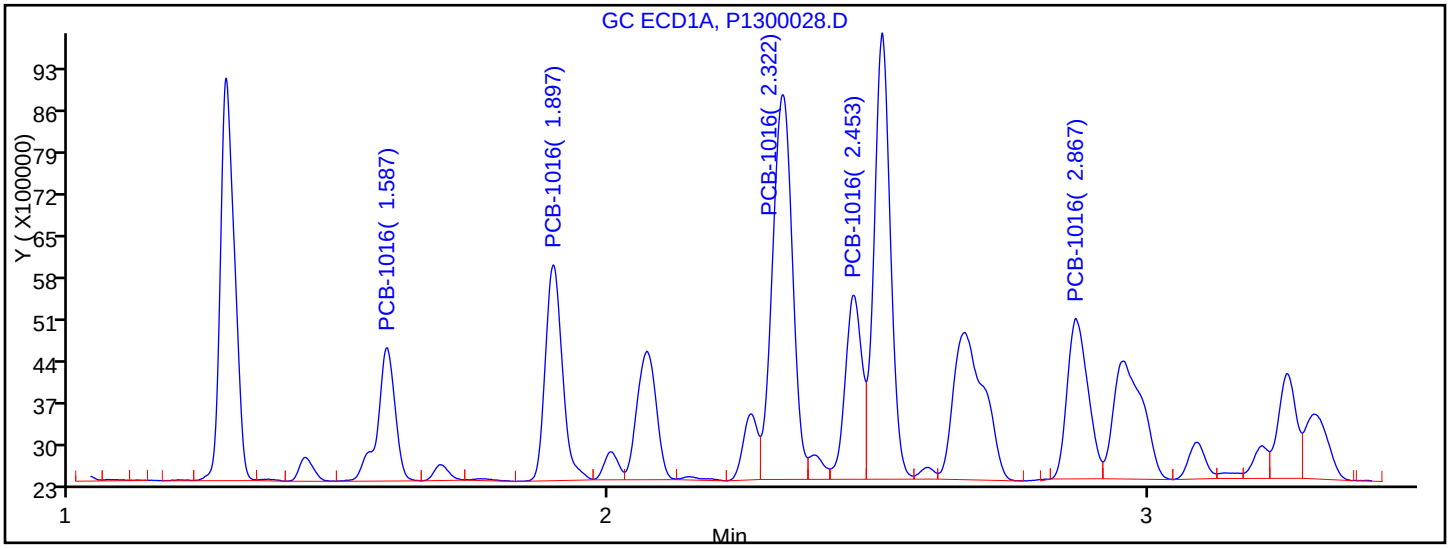
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300028.D

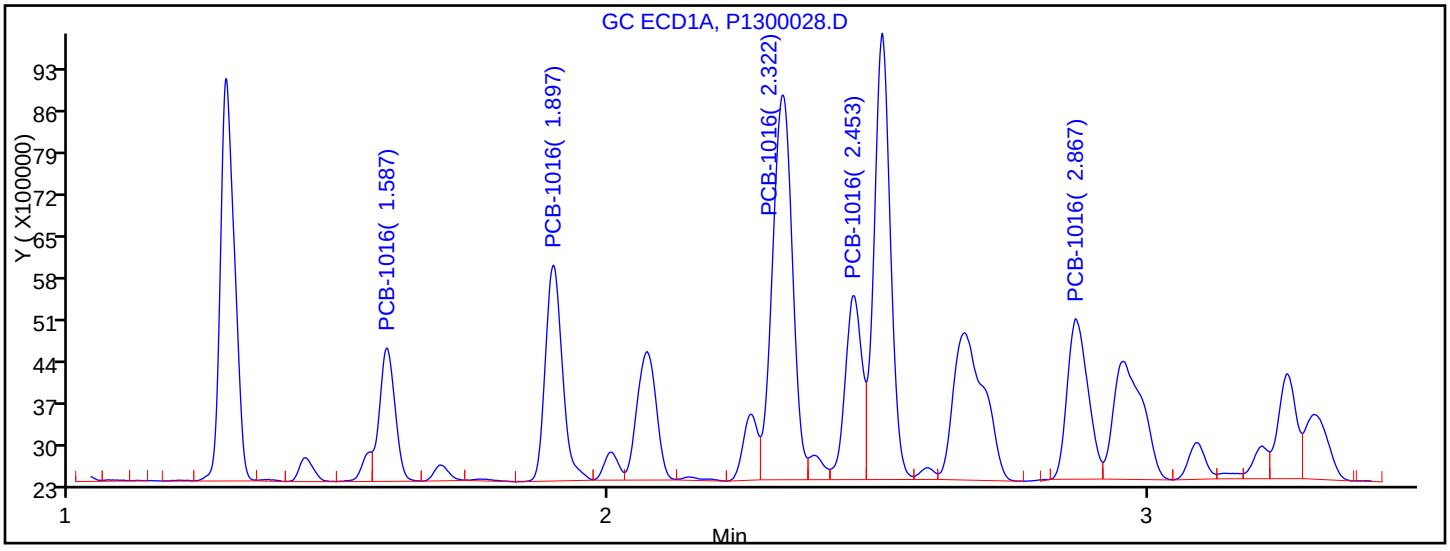
Injection Date:	21-Oct-2012 23:06:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

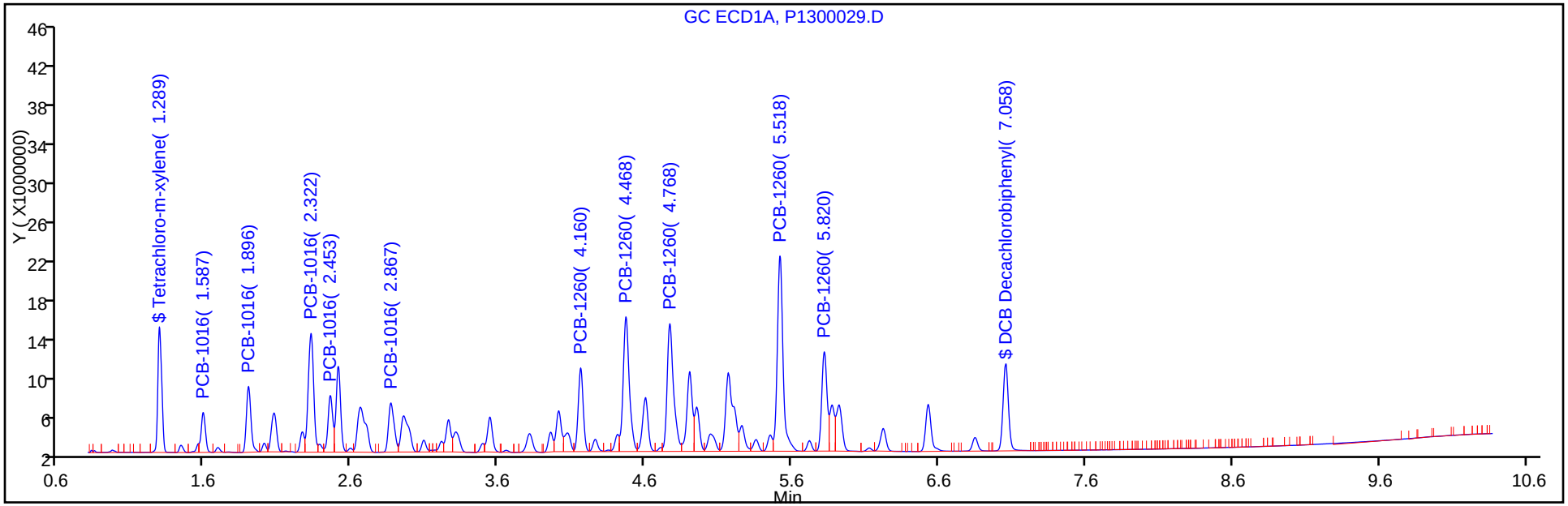
Report Date: 22-Oct-2012 09:18:07 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

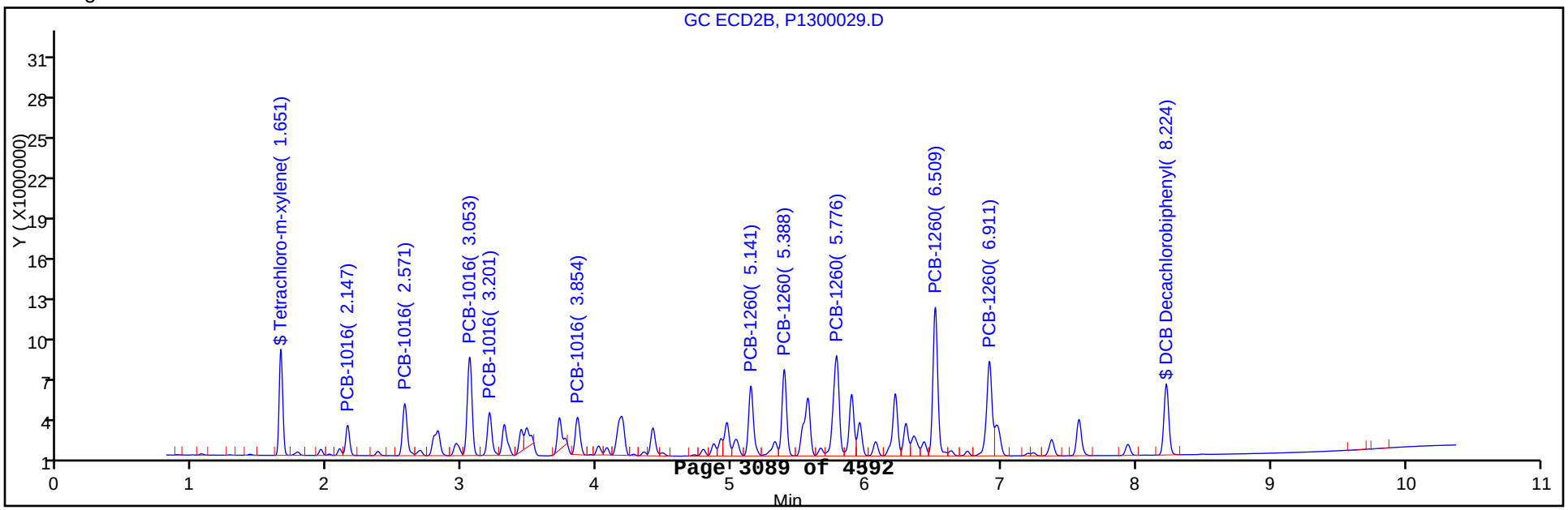
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Injection Date:	21-Oct-2012 23:21:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



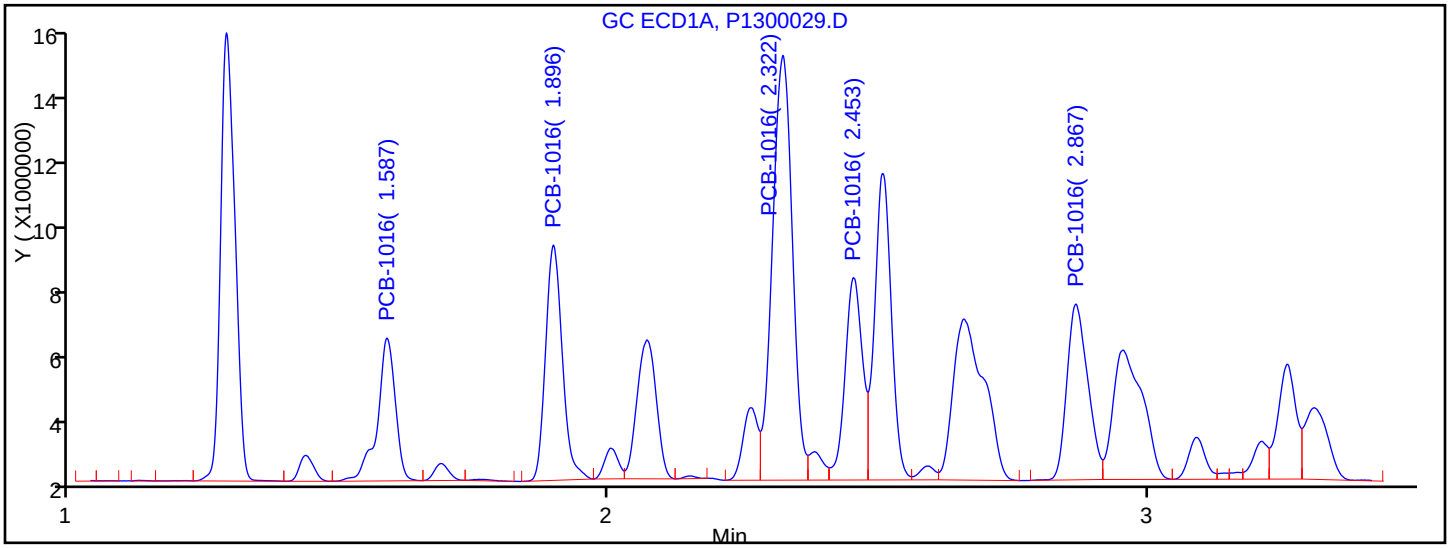
Report Date: 22-Oct-2012 09:18:07 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

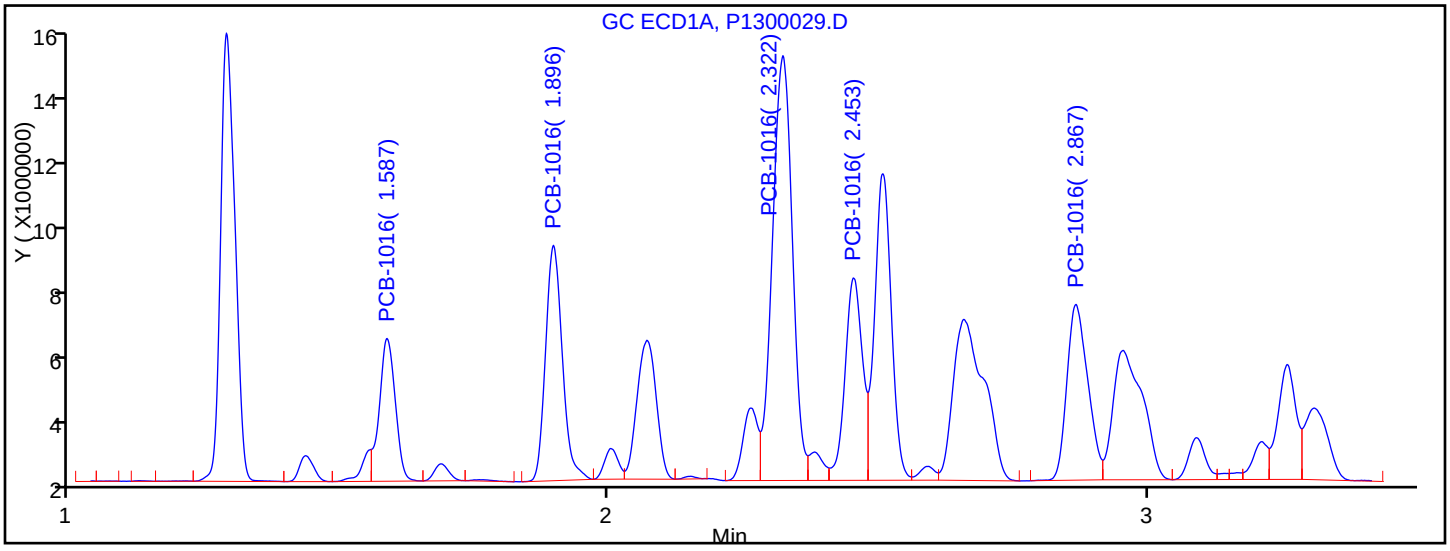
Injection Date:	21-Oct-2012 23:21:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

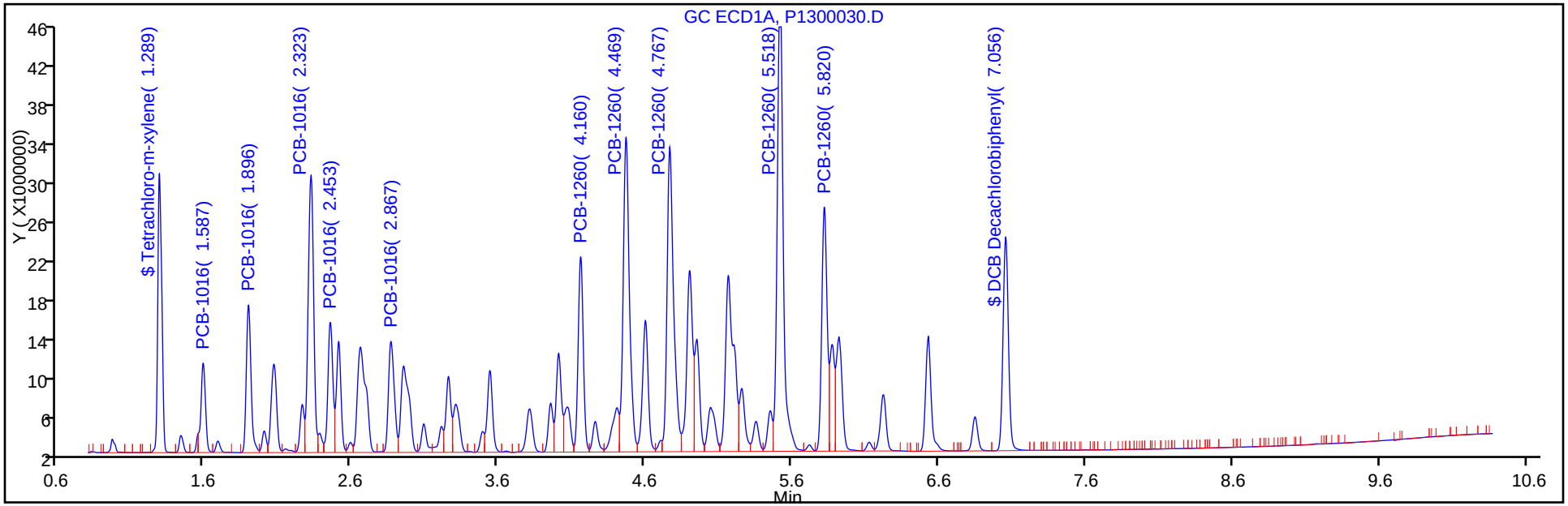
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

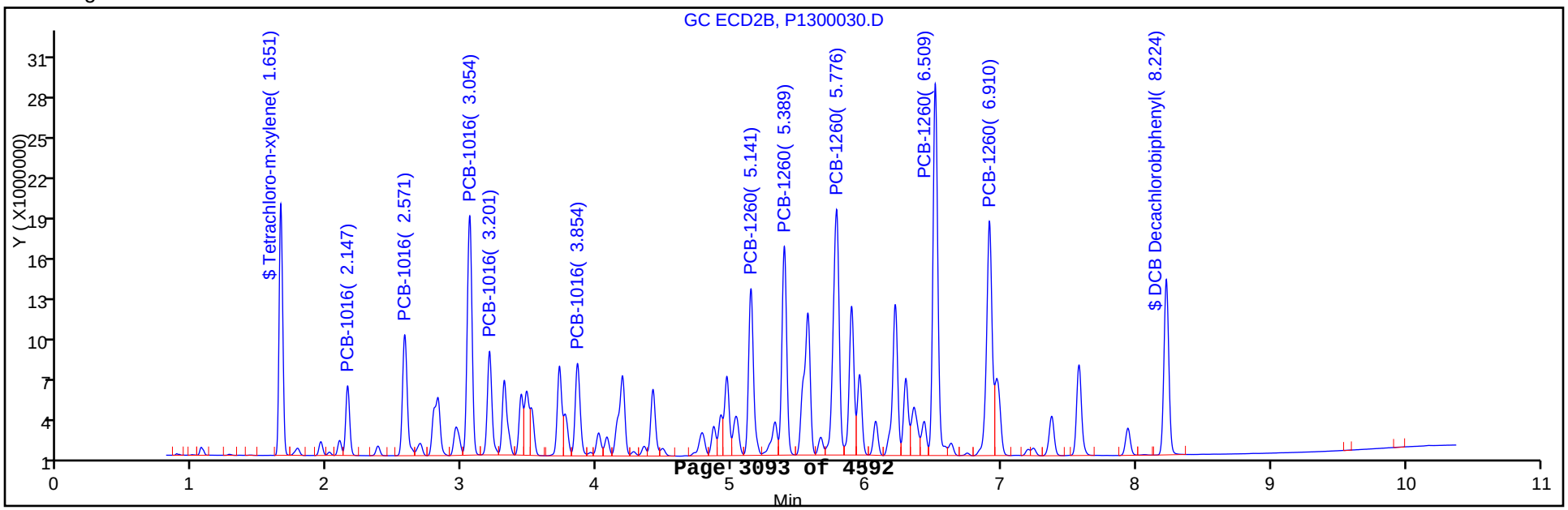
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Injection Date:	21-Oct-2012 23:36:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



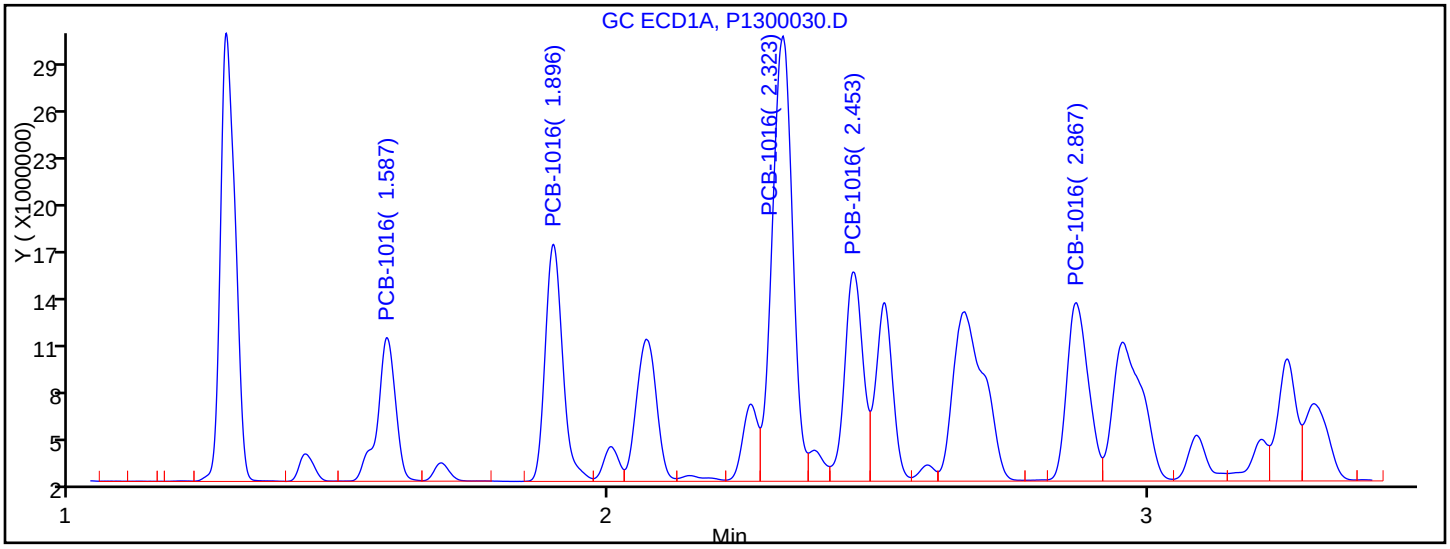
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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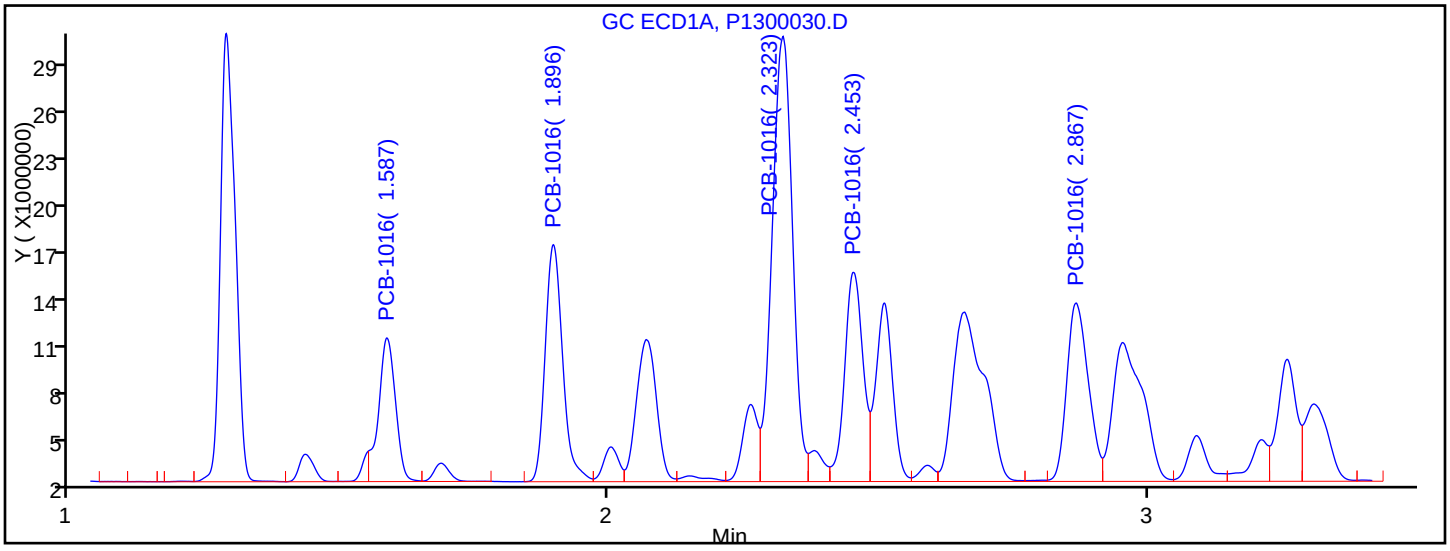
Injection Date:	21-Oct-2012 23:36:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

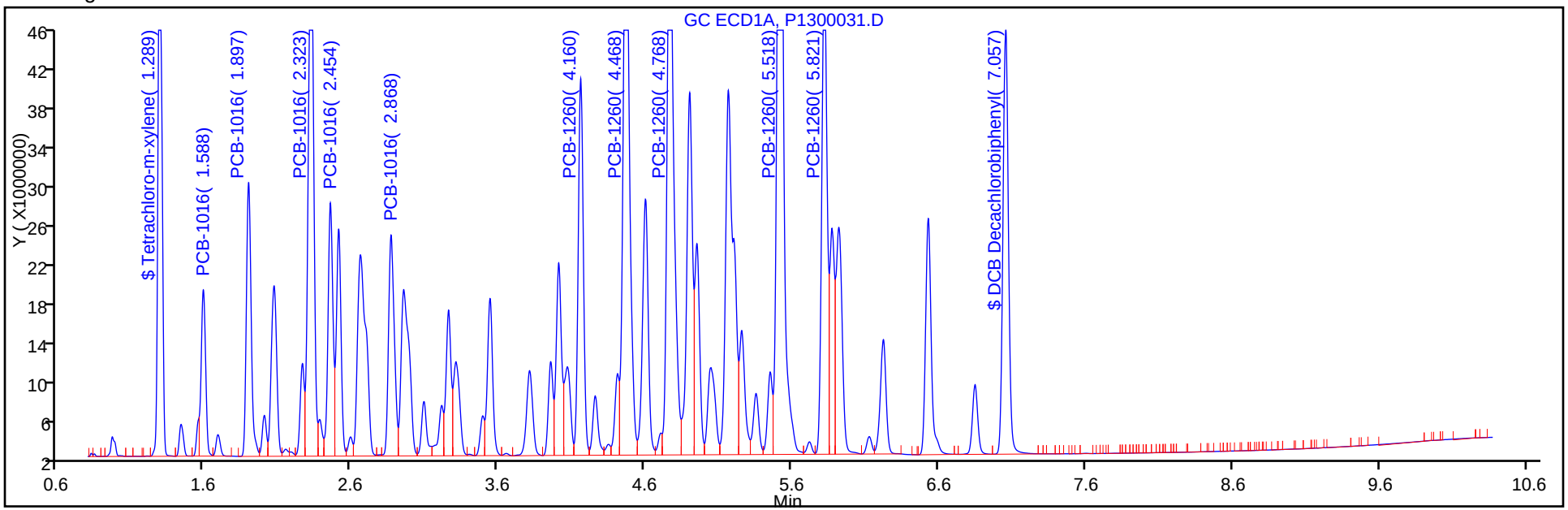
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

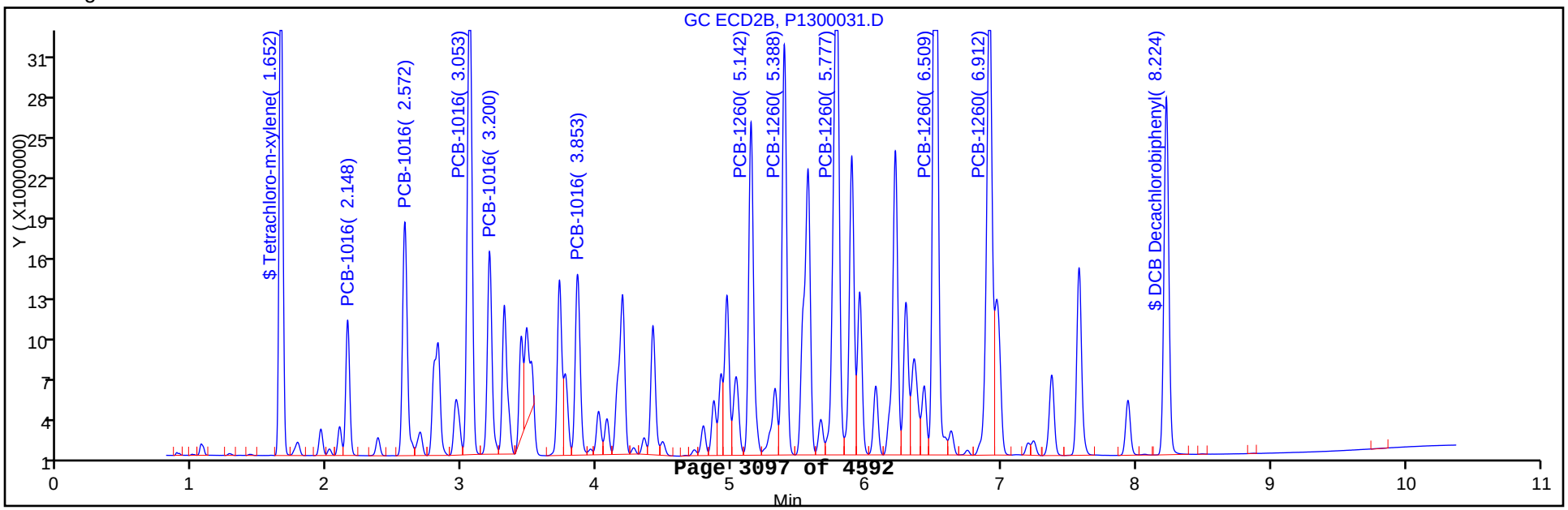
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Injection Date:	21-Oct-2012 23:50:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



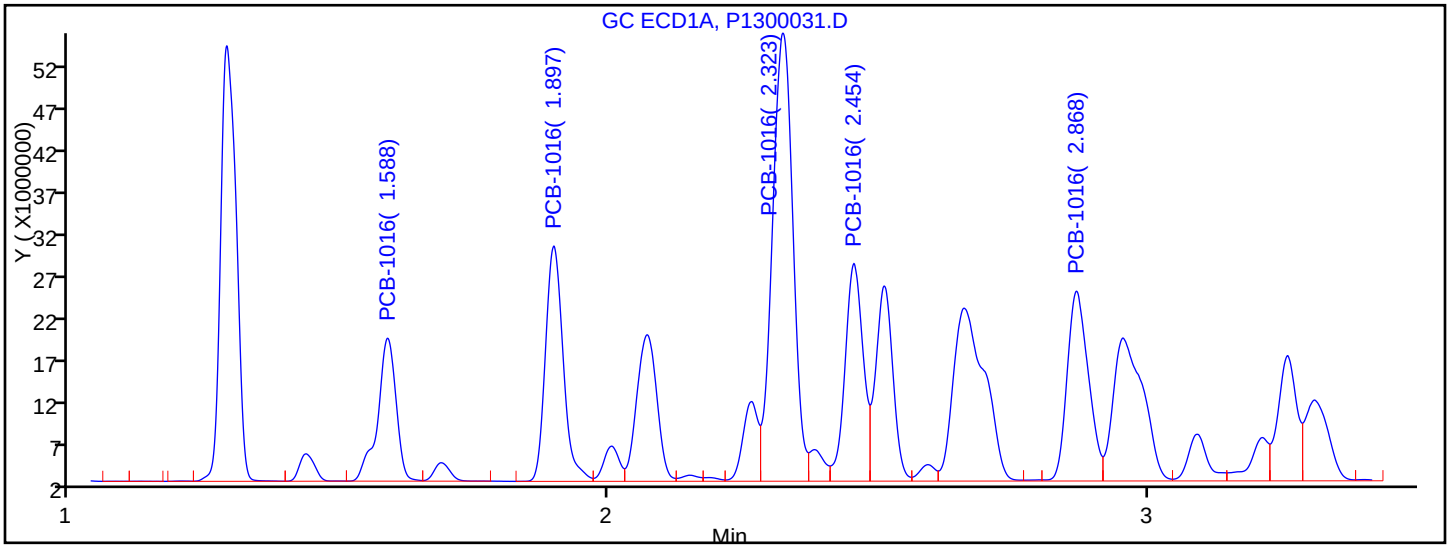
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

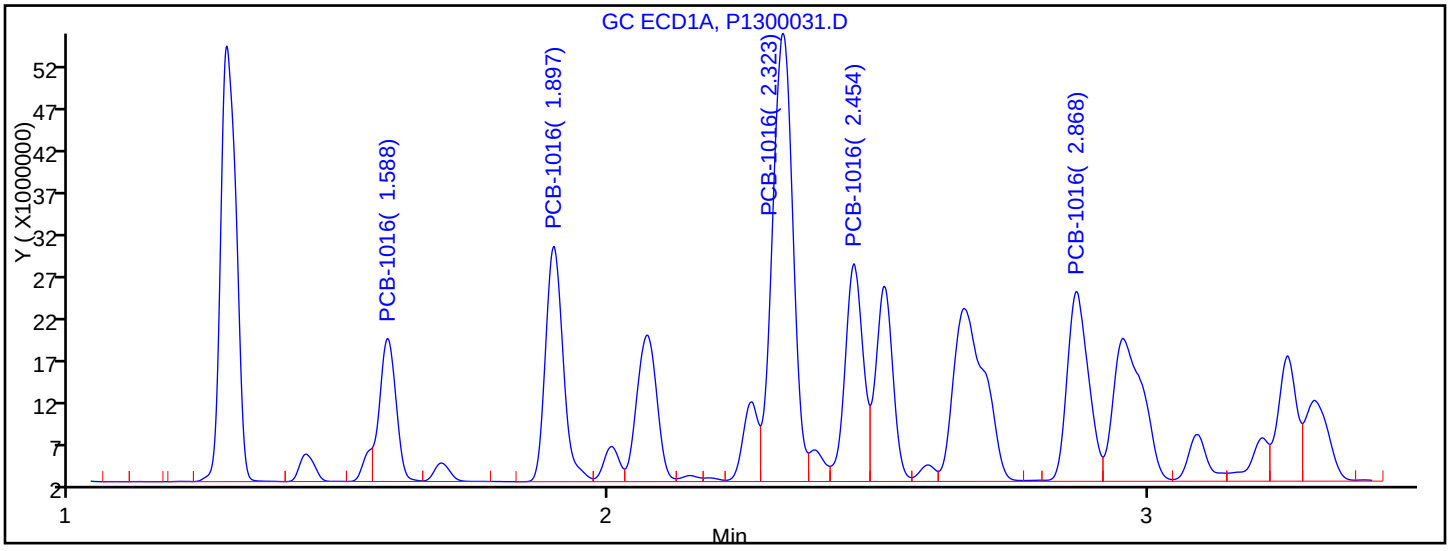
Injection Date:	21-Oct-2012 23:50:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

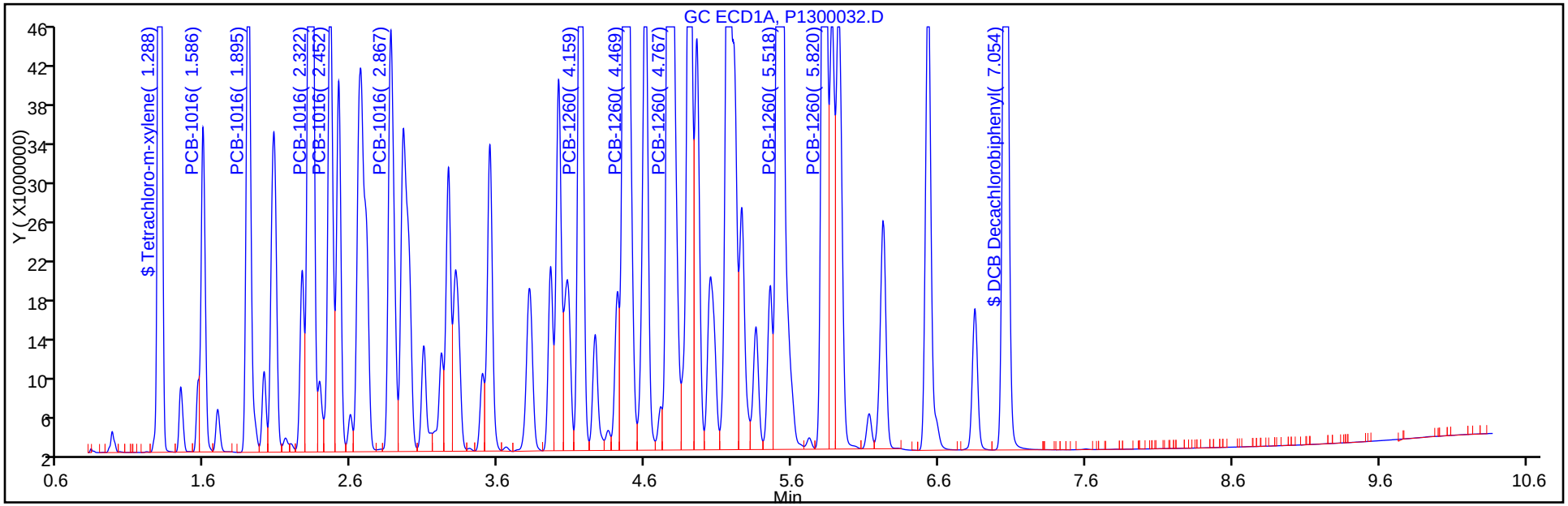
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

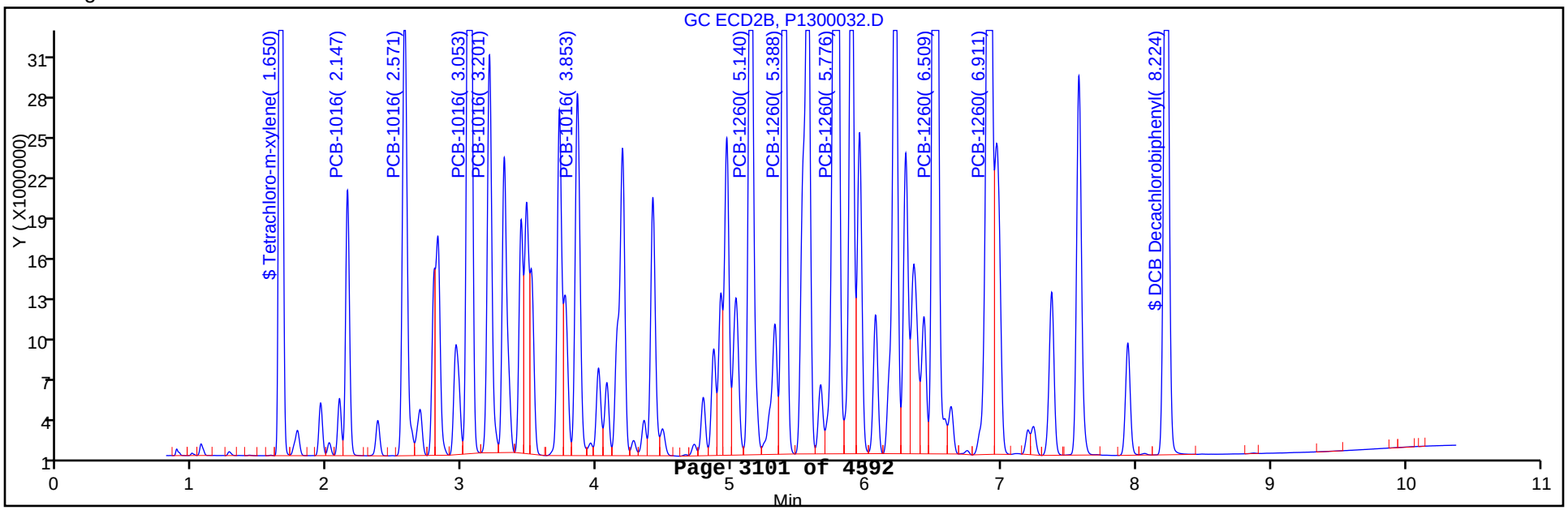
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Injection Date:	22-Oct-2012 00:05:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



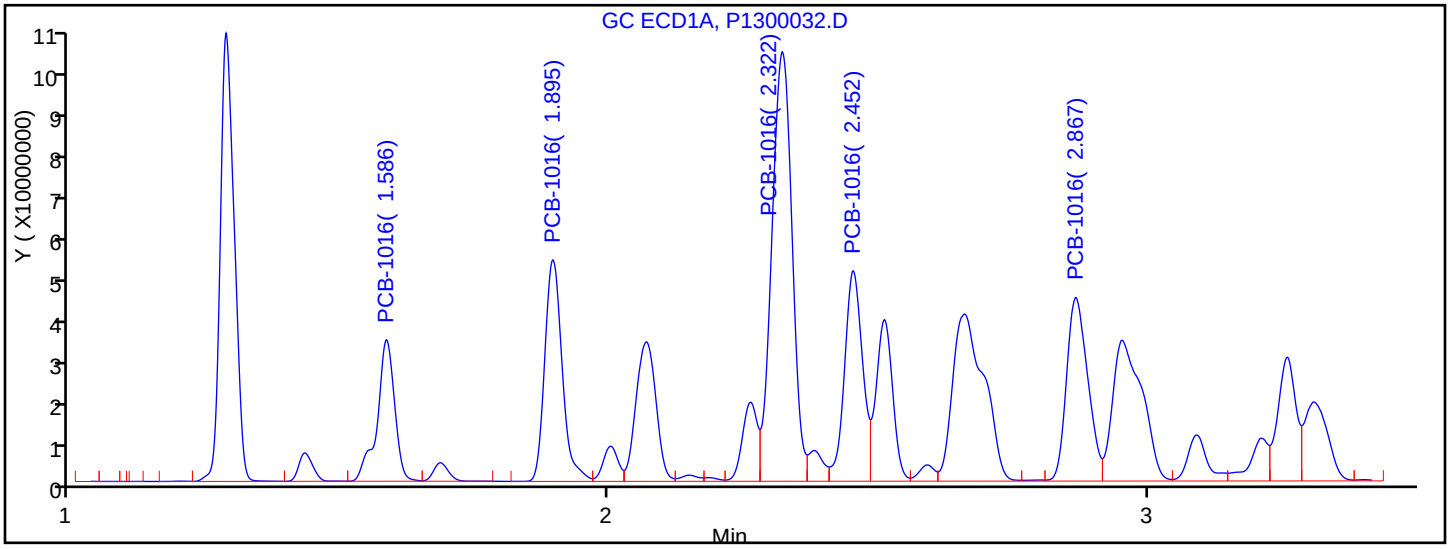
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

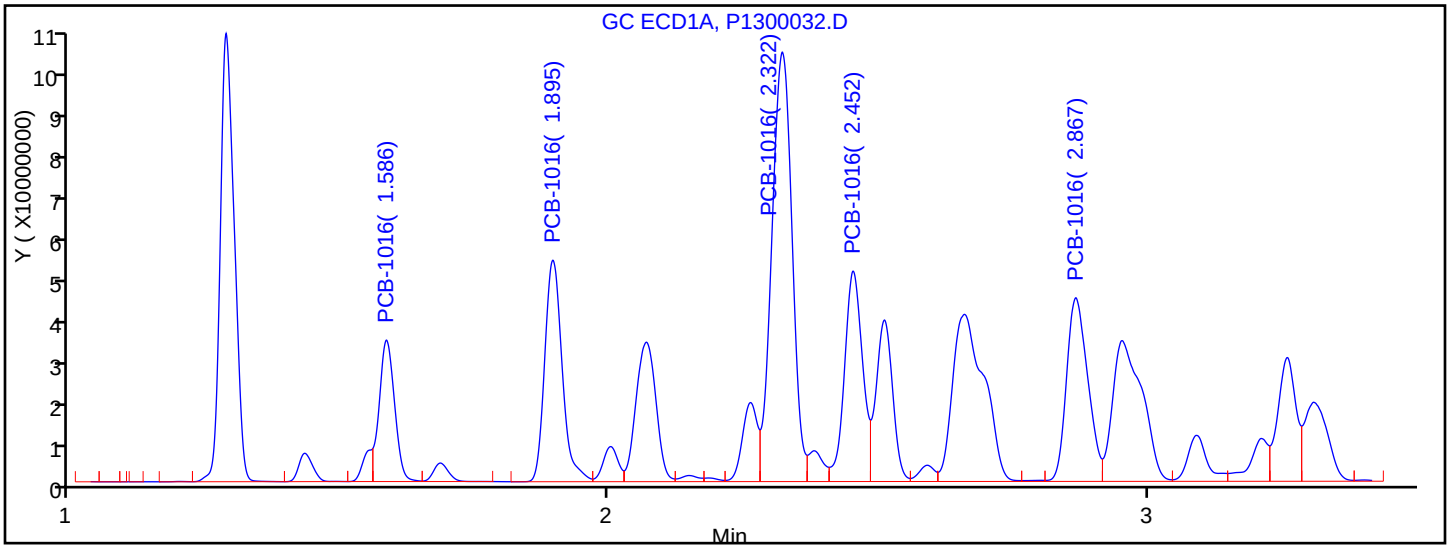
Injection Date:	22-Oct-2012 00:05:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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

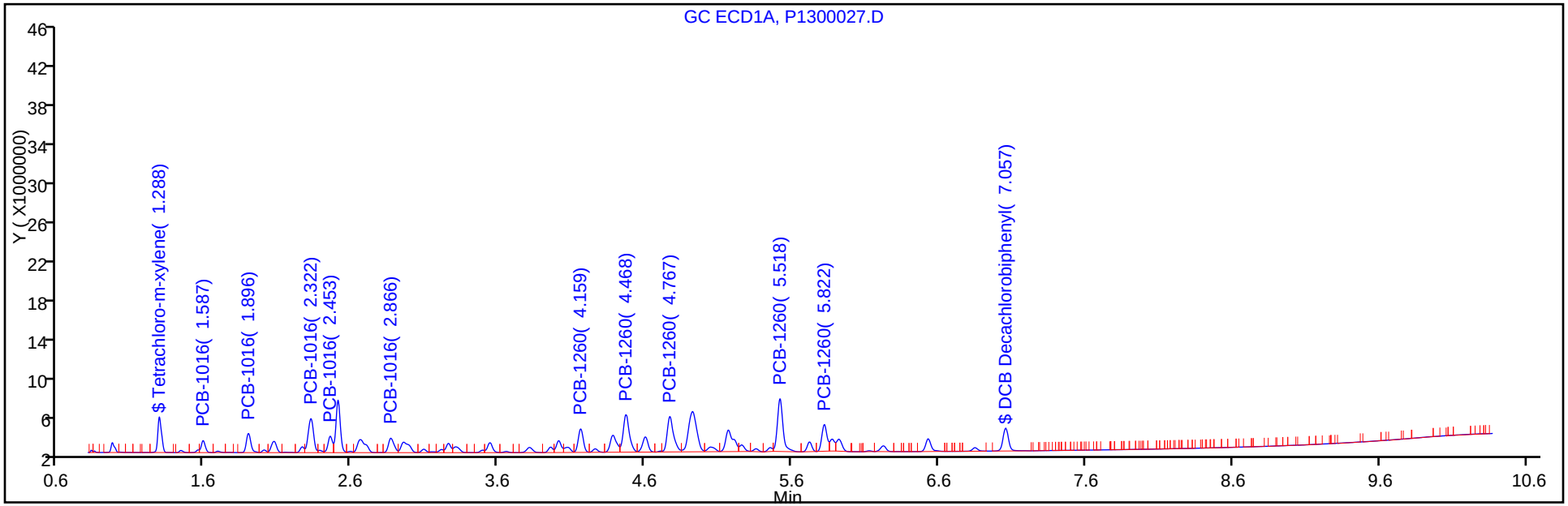
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TestAmerica Canton

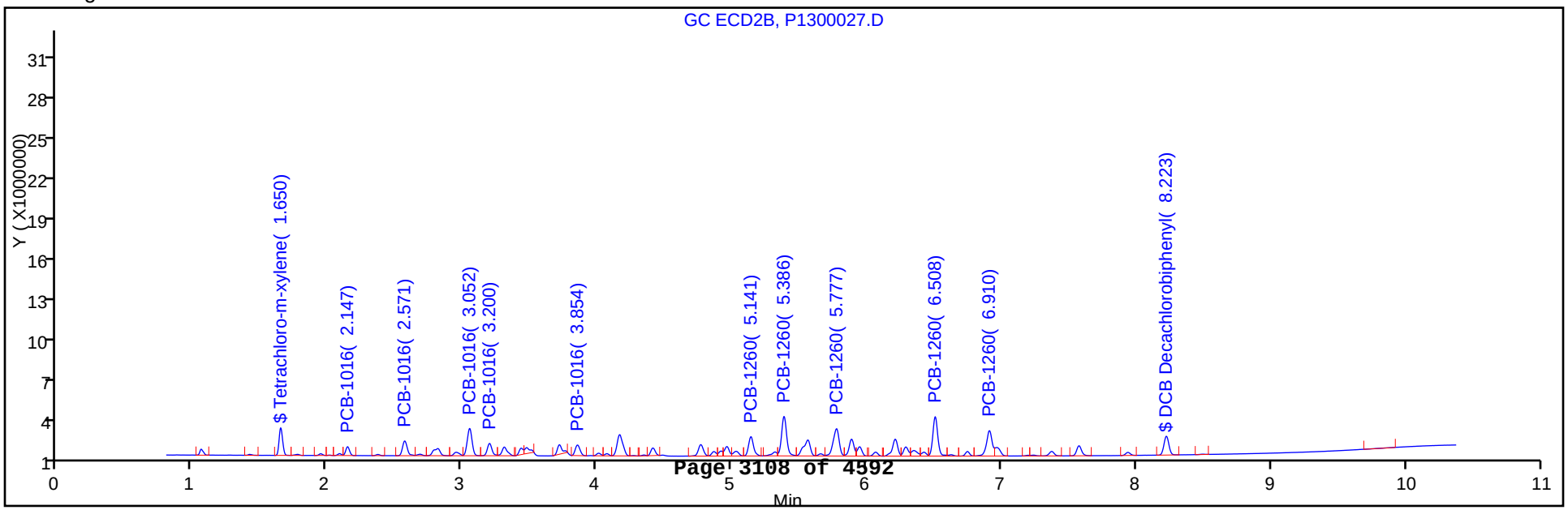
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300027.D

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

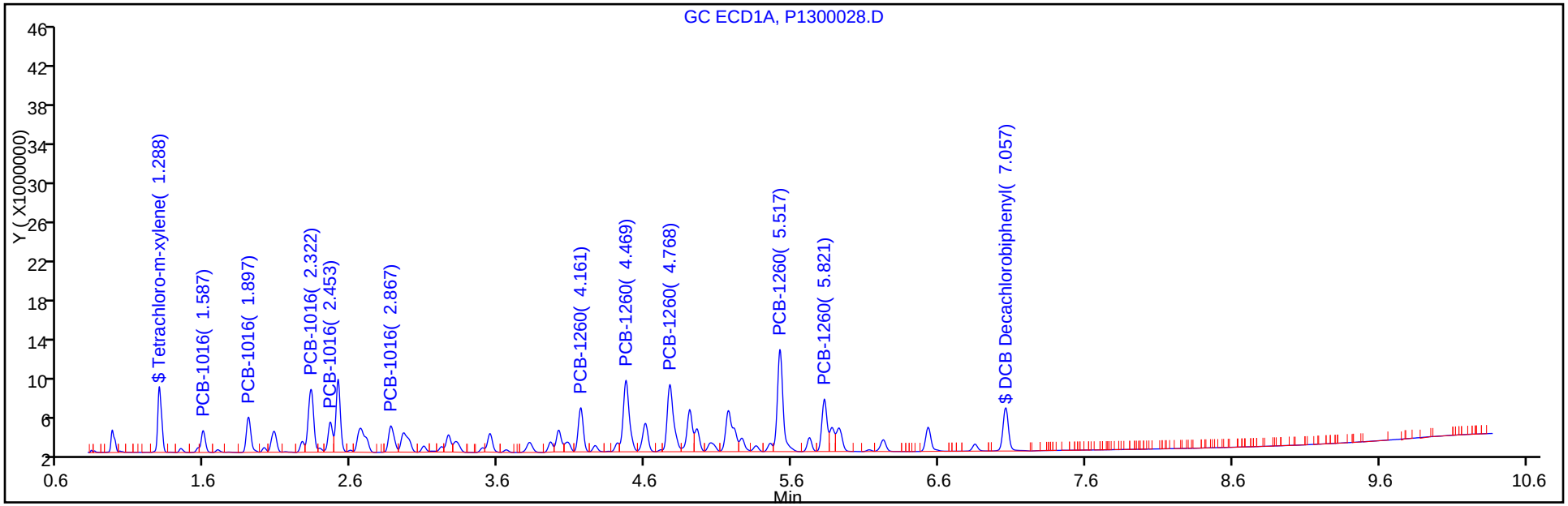
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TestAmerica Canton

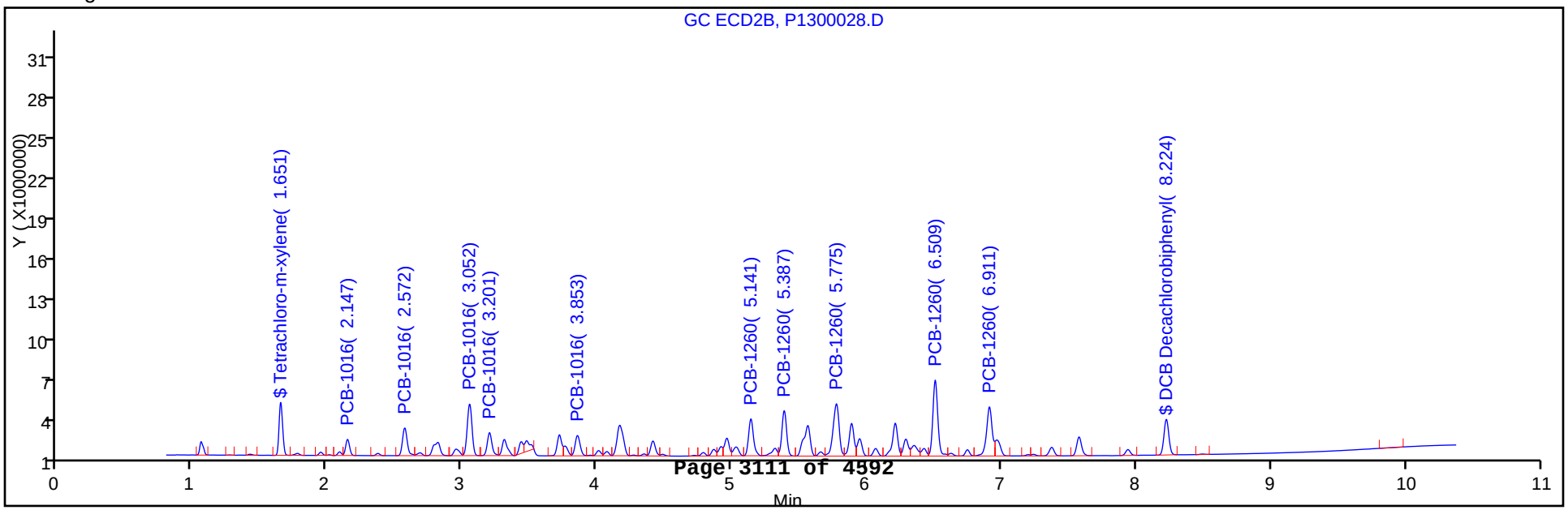
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Injection Date:	21-Oct-2012 23:06:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

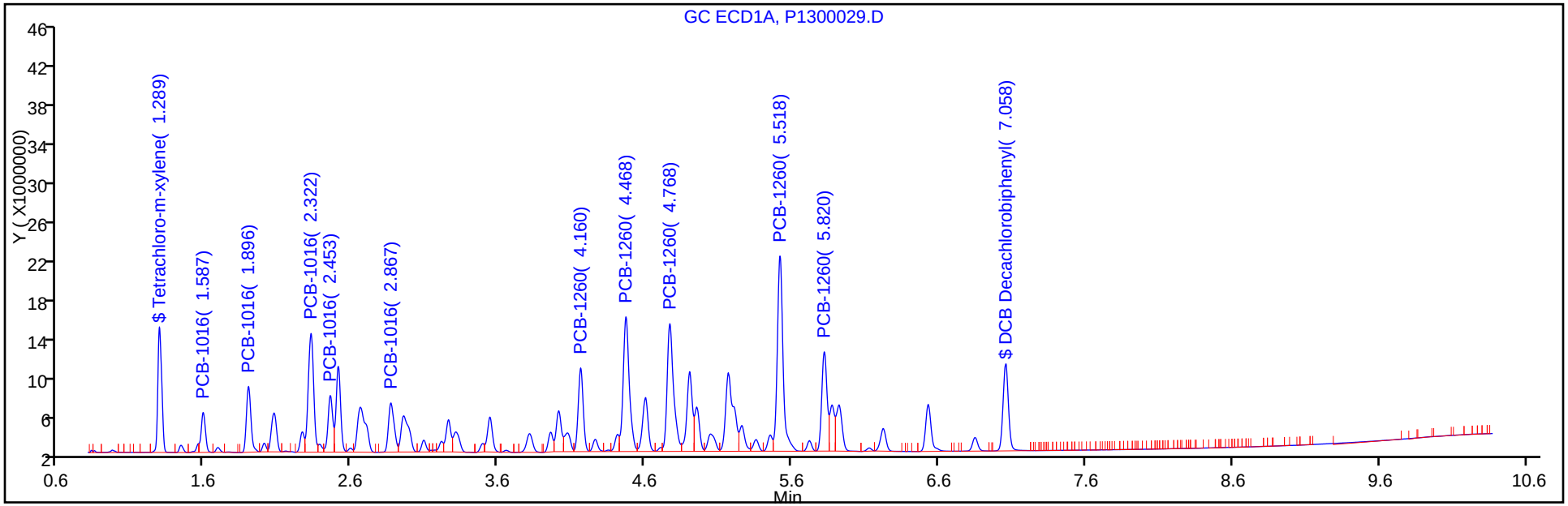
Report Date: 22-Oct-2012 09:18:08 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

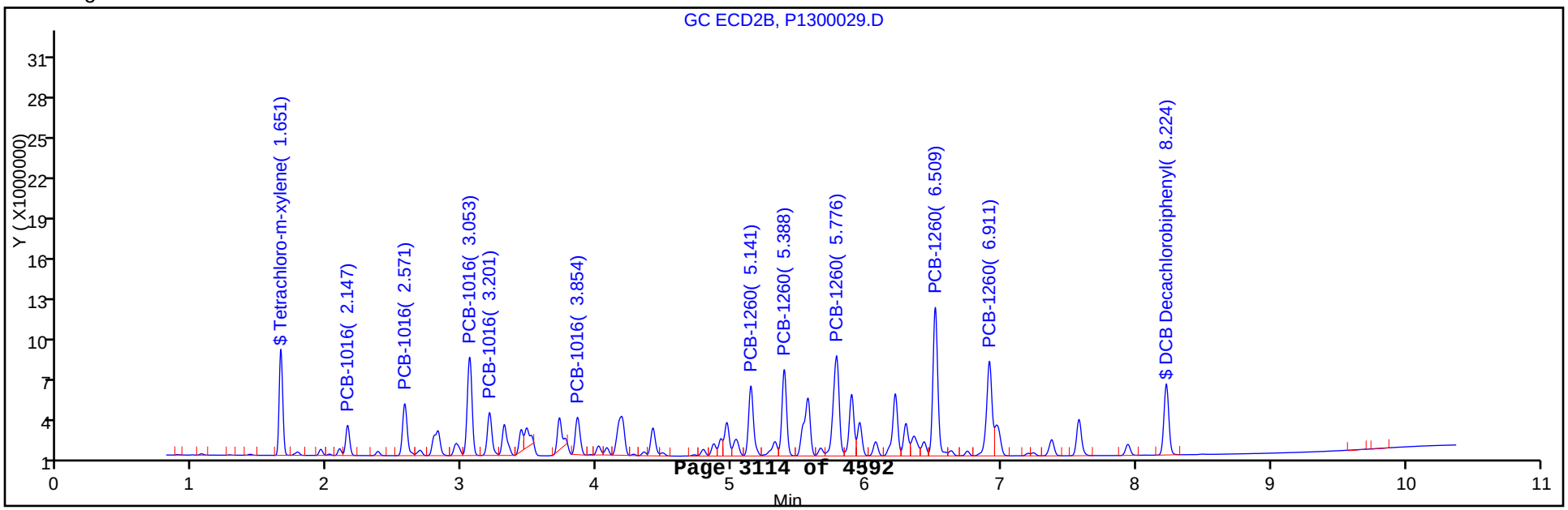
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Injection Date:	21-Oct-2012 23:21:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

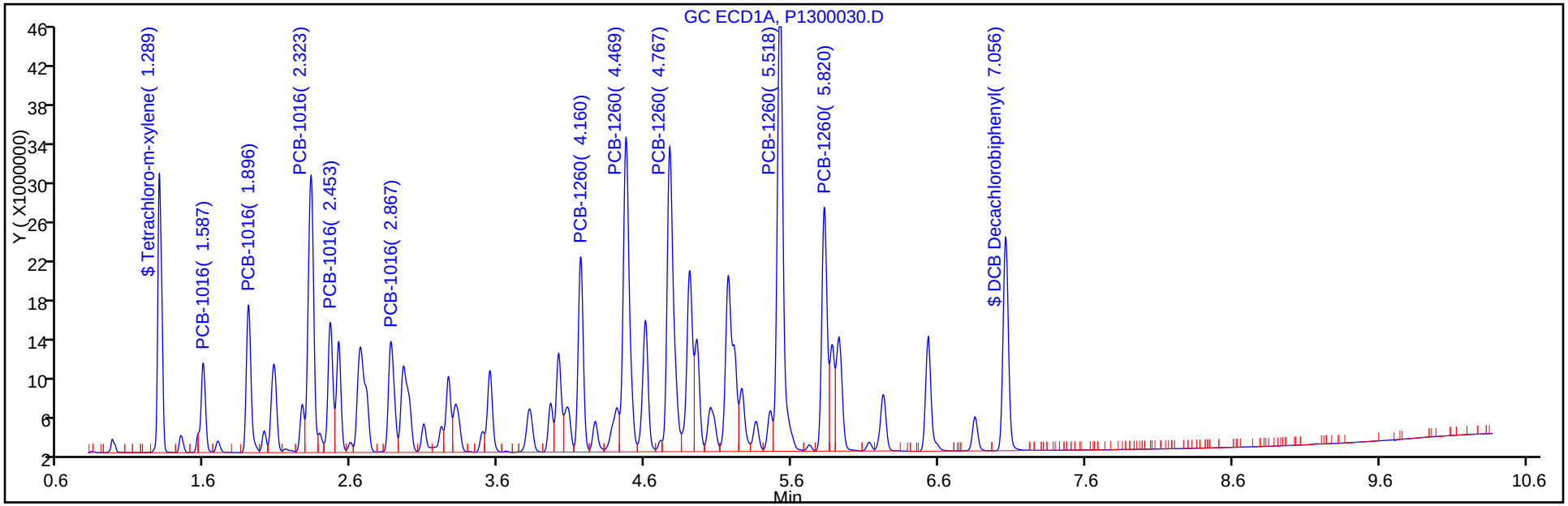
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

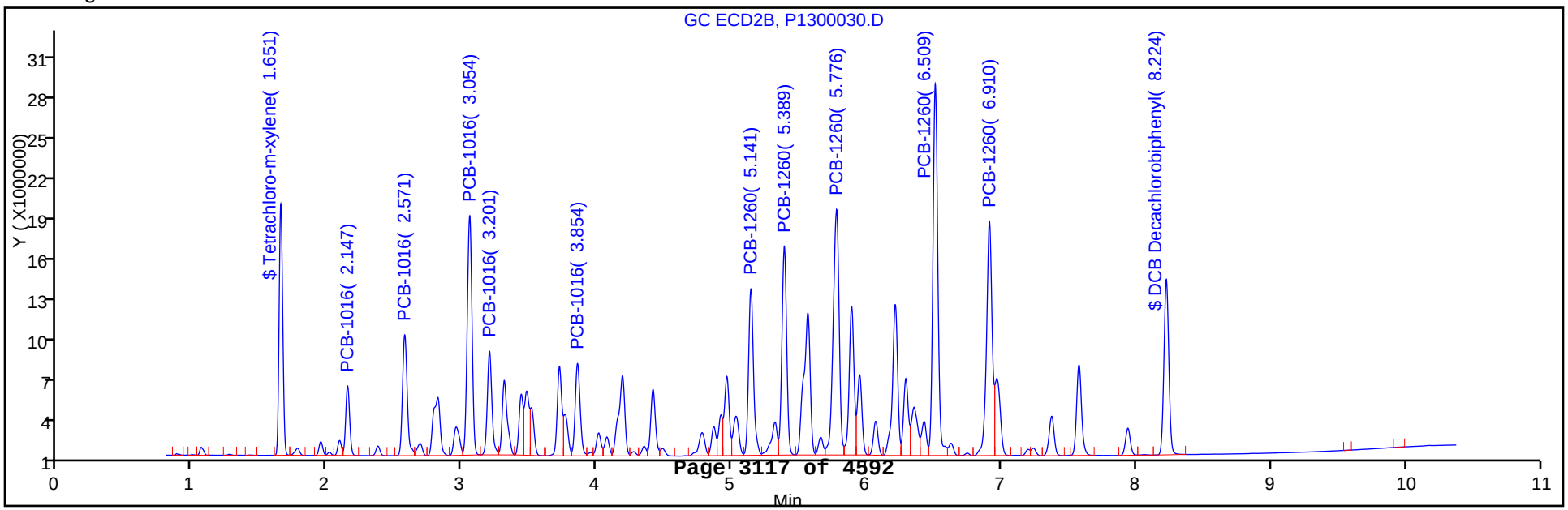
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300030.D

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

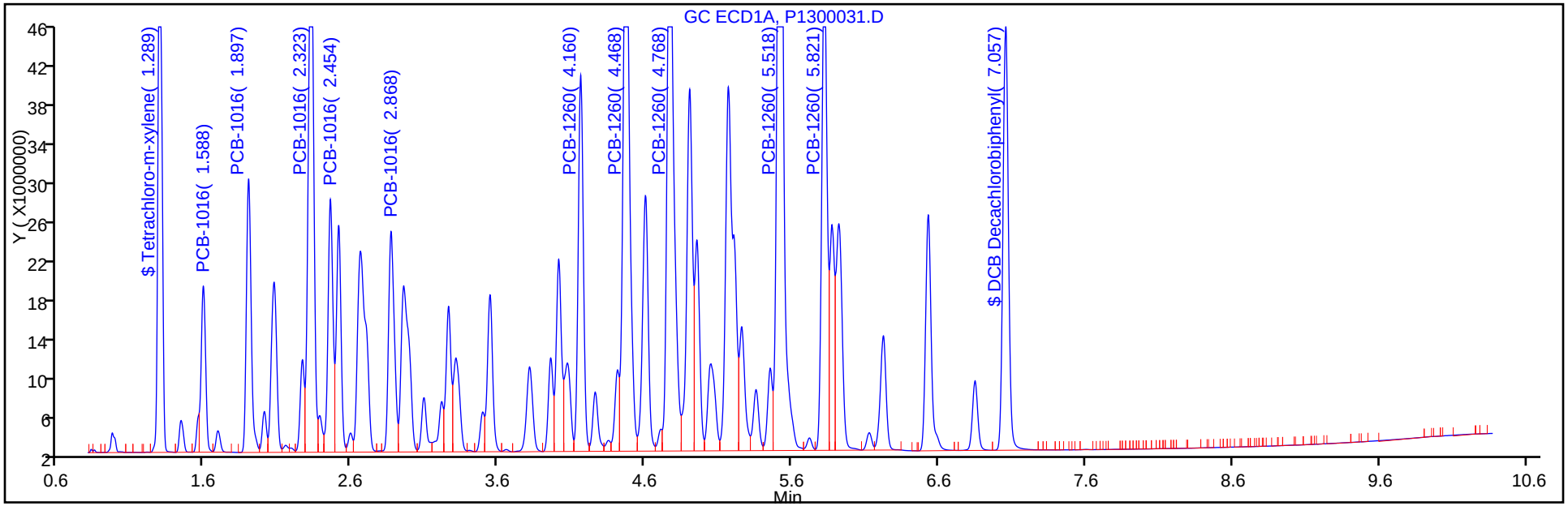
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

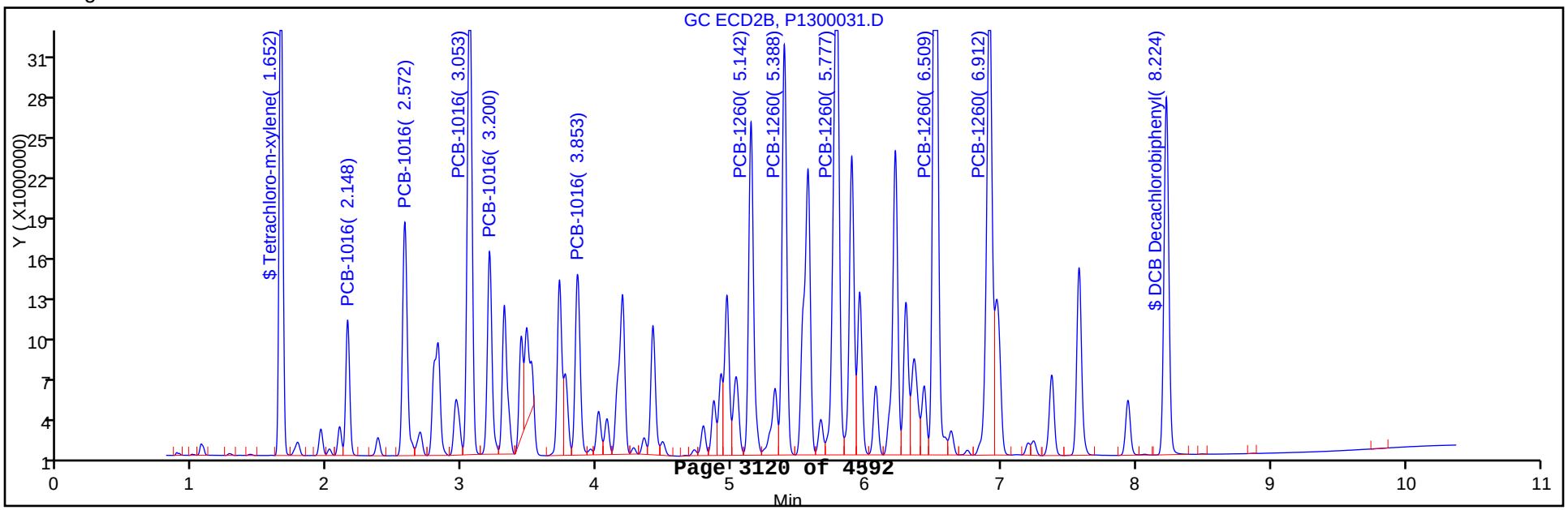
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300031.D

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

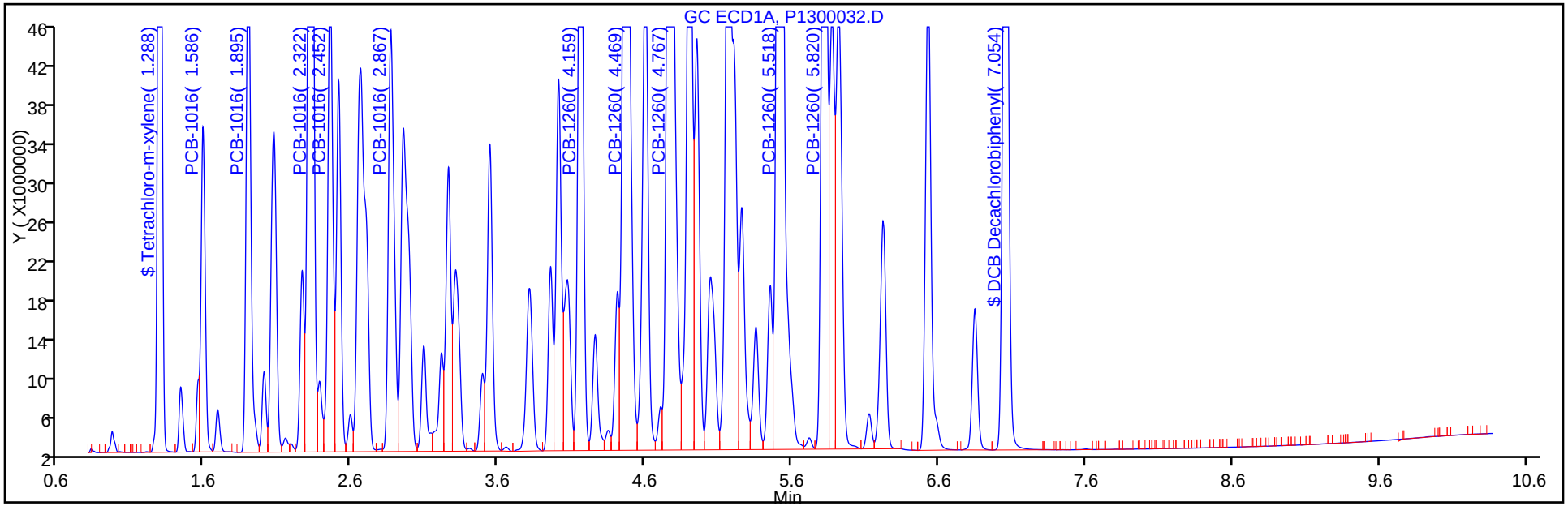
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

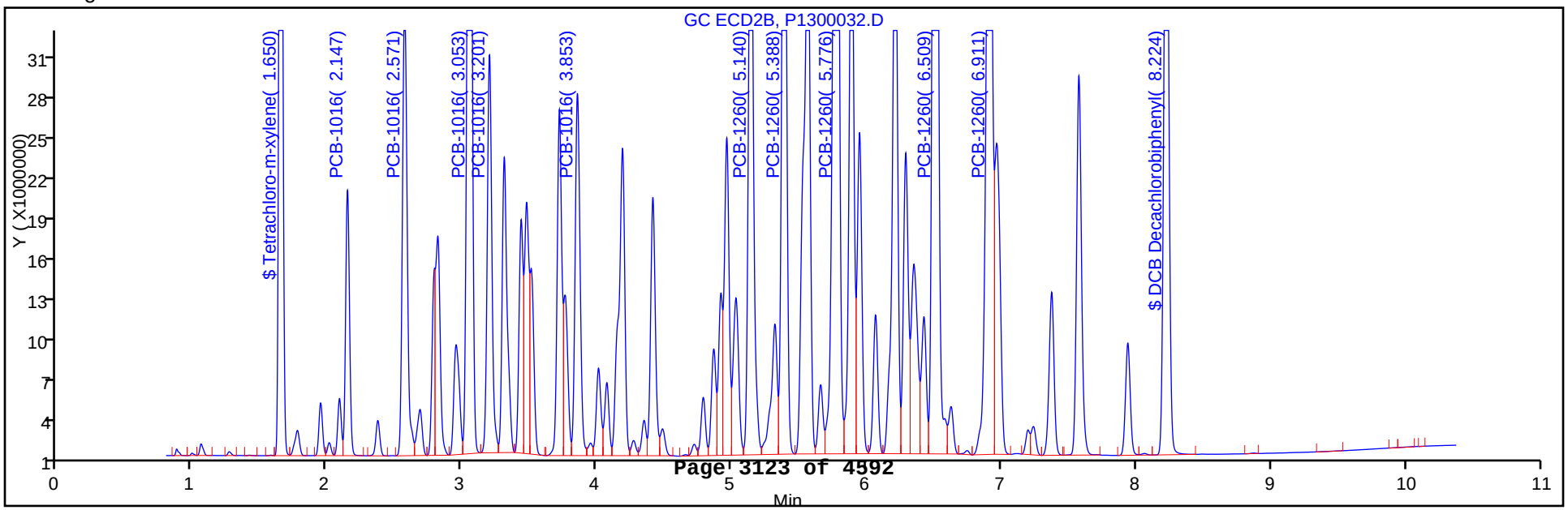
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

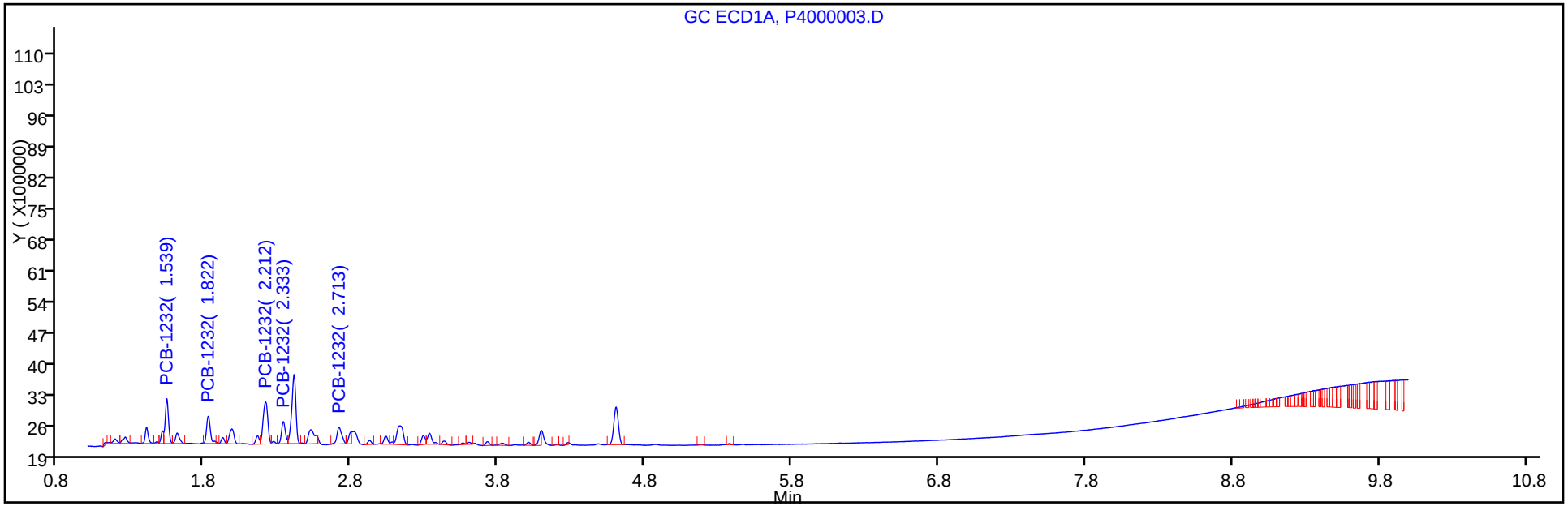
Report Date: 05-Dec-2012 06:34:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

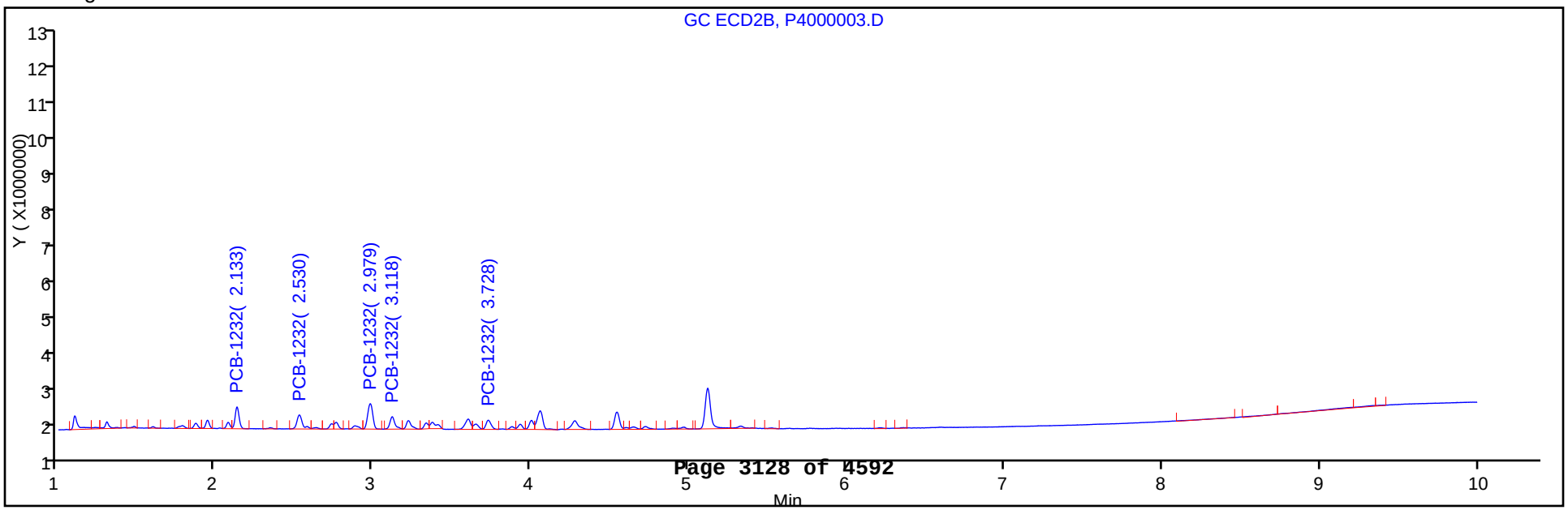
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000003.D

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			

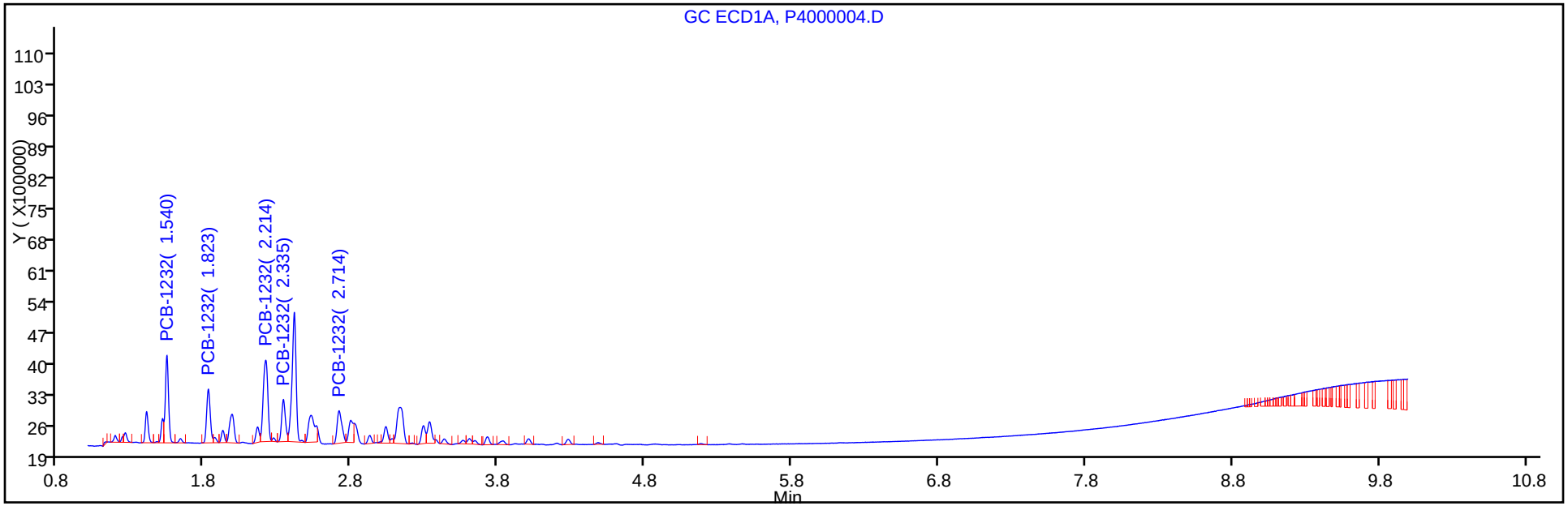
Report Date: 05-Dec-2012 06:34:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

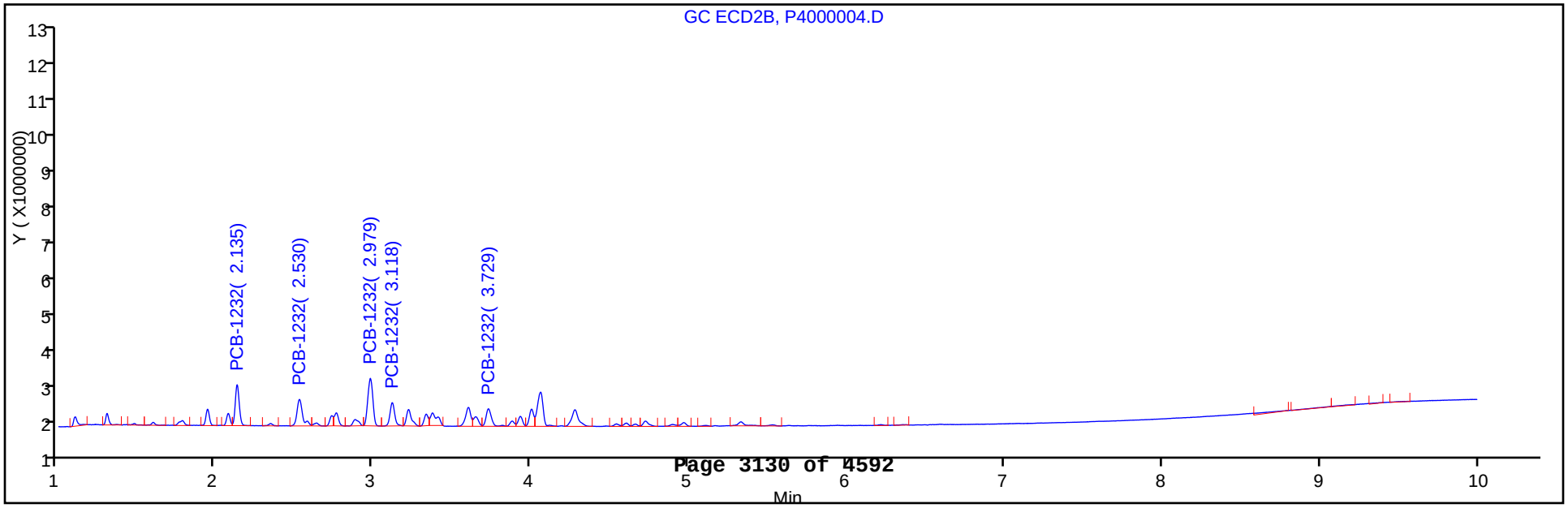
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000004.D

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			

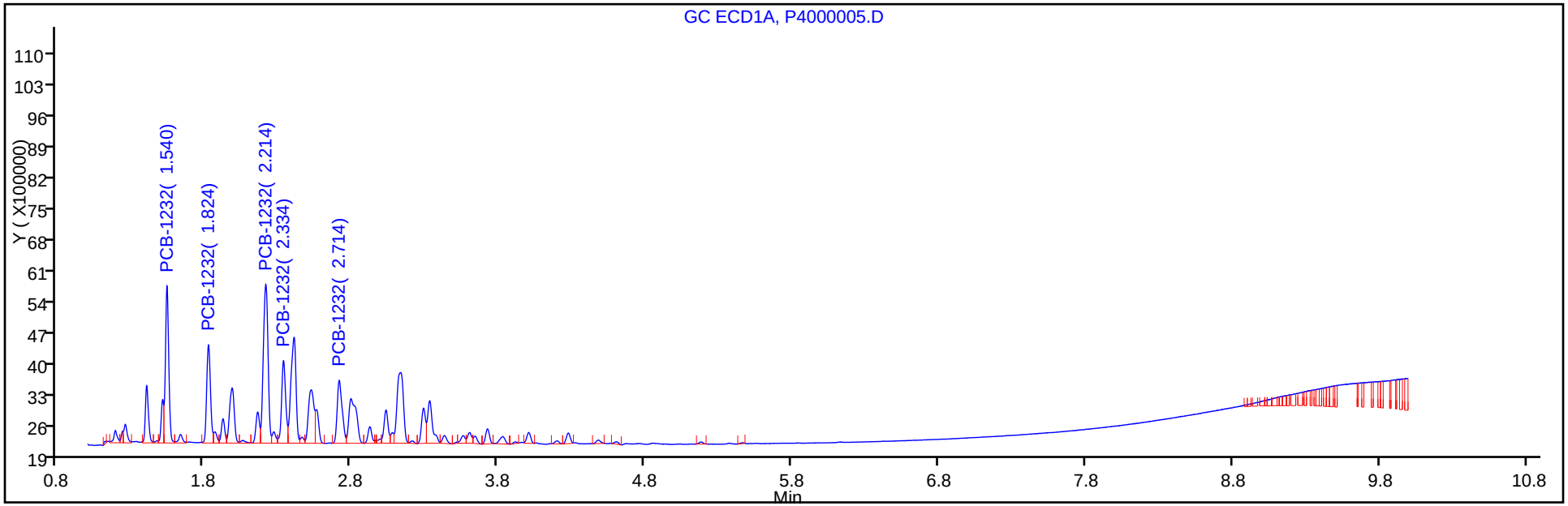
Report Date: 05-Dec-2012 06:34:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

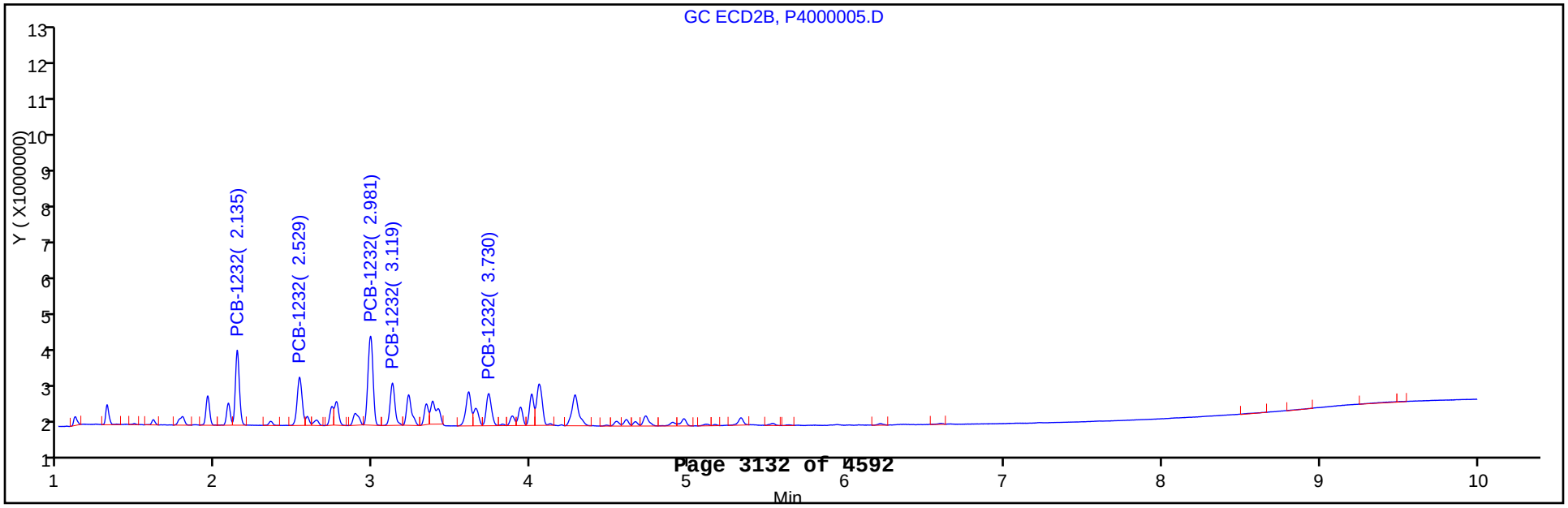
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000005.D

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

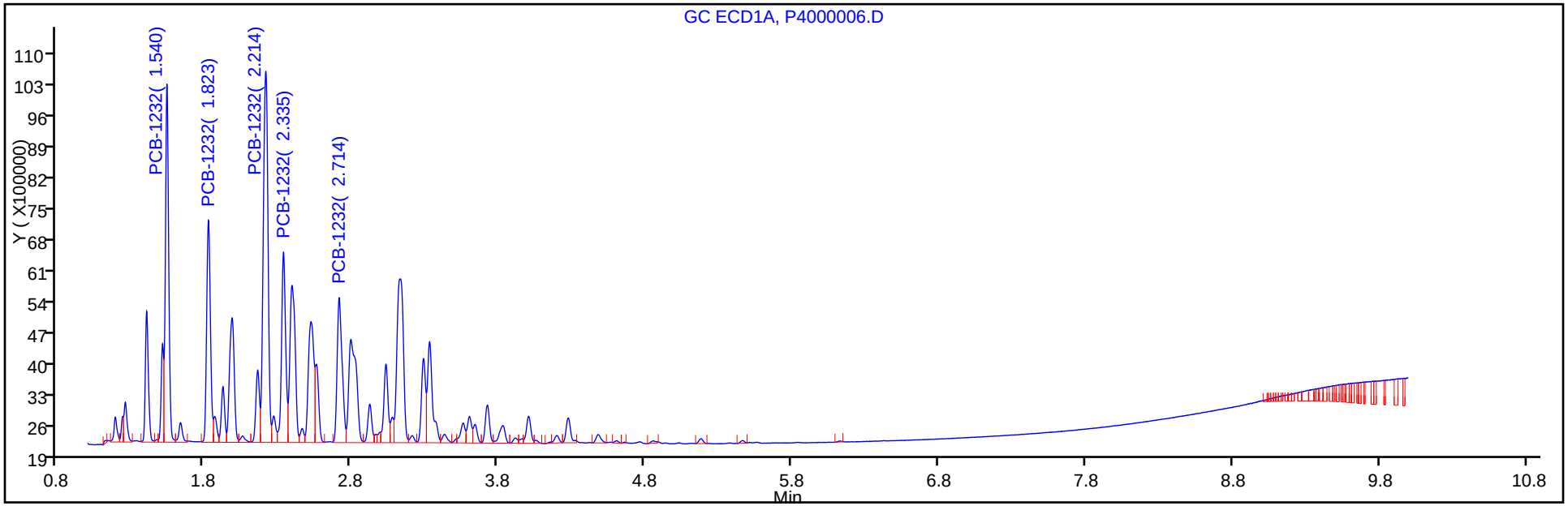
Report Date: 05-Dec-2012 06:34:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

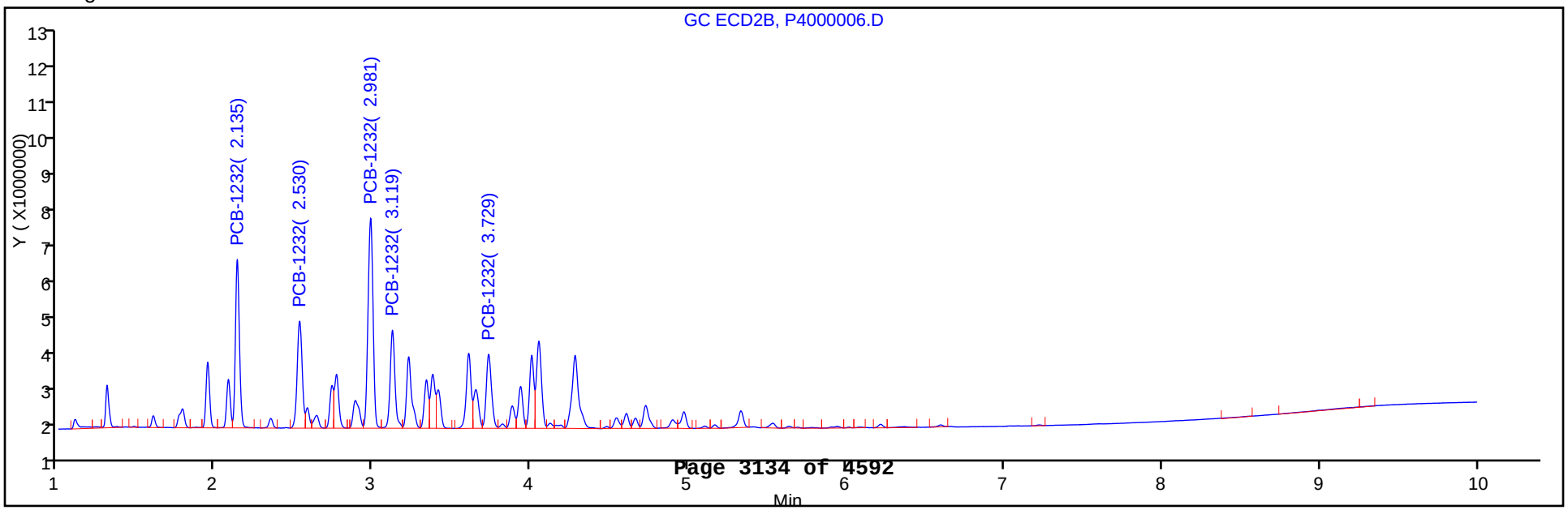
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000006.D

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

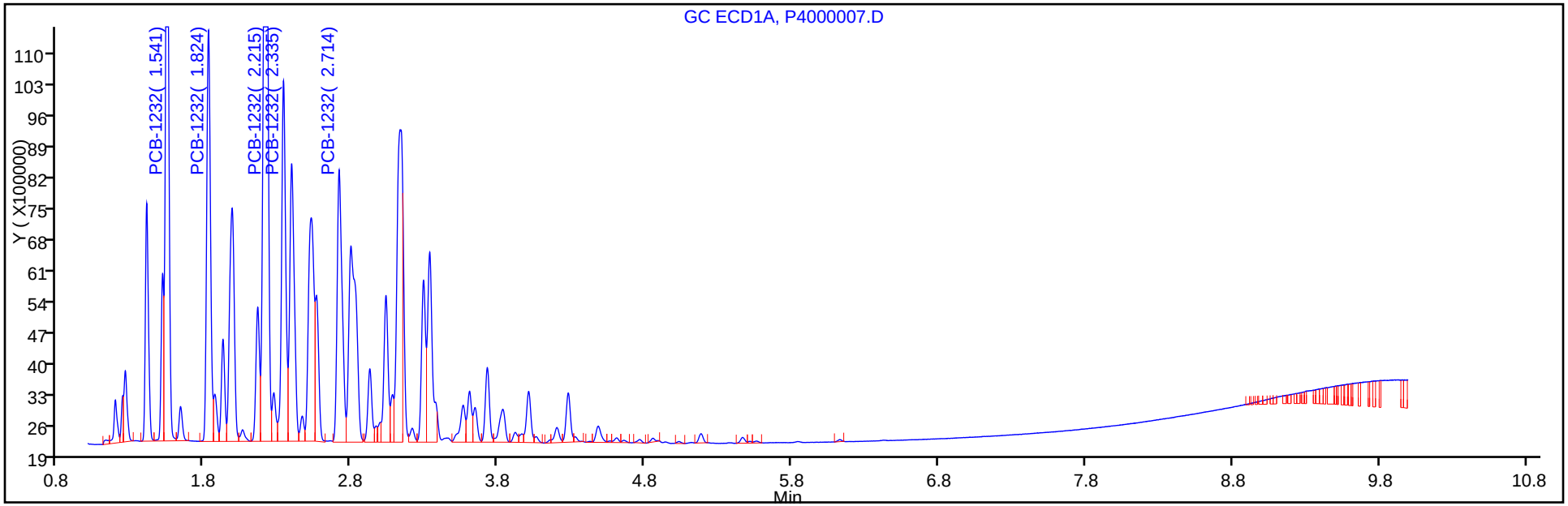
Report Date: 05-Dec-2012 06:34:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

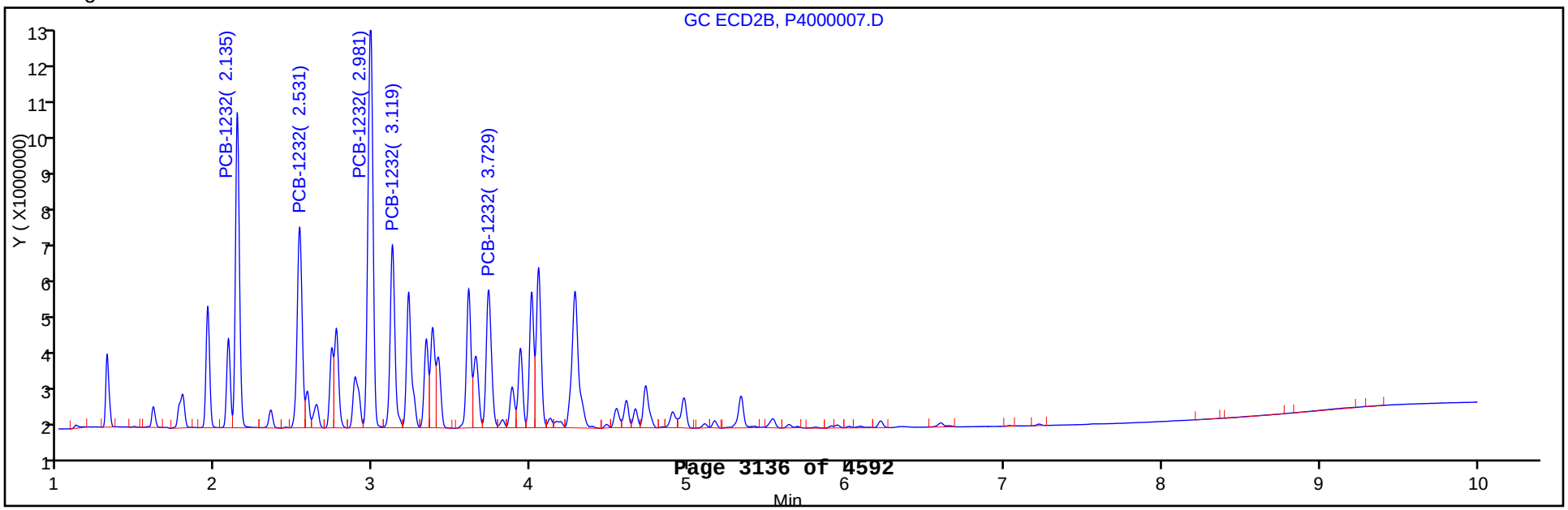
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000007.D

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



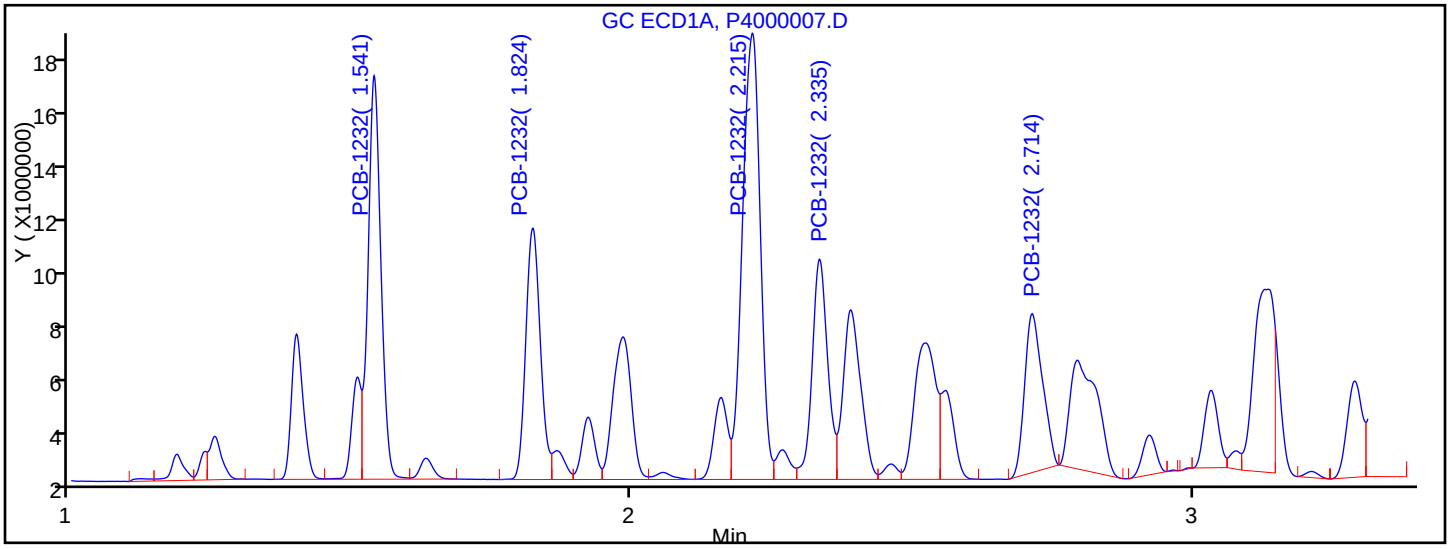
Report Date: 05-Dec-2012 06:34:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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

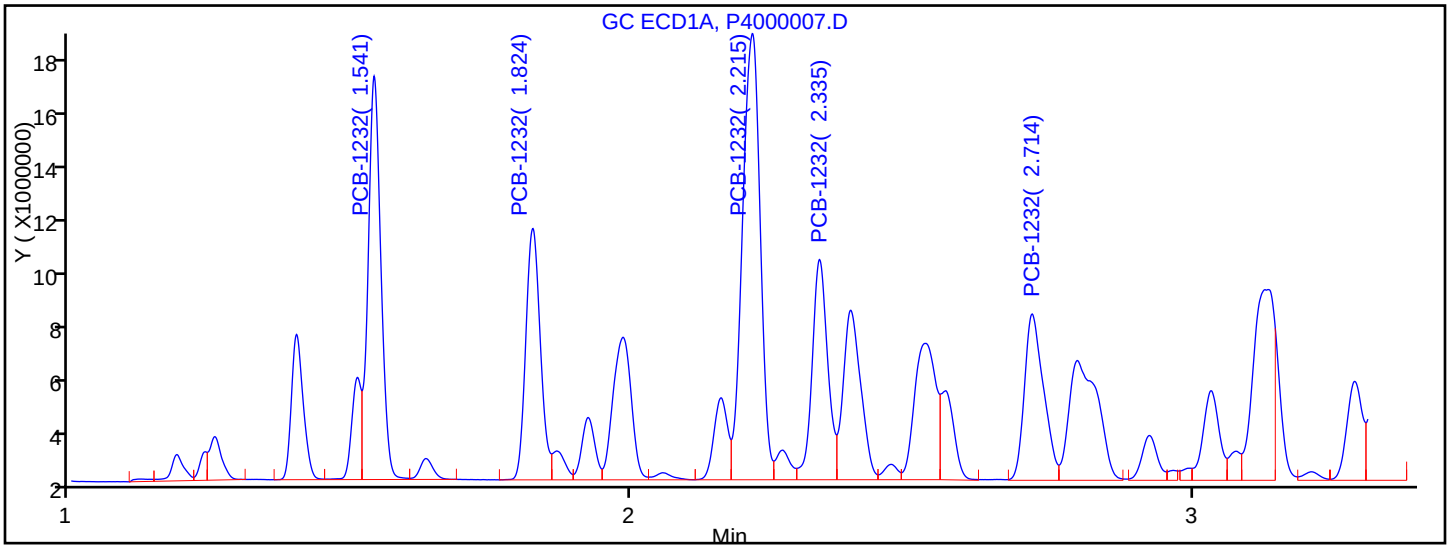
Injection Date:	04-Dec-2012 09:29:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

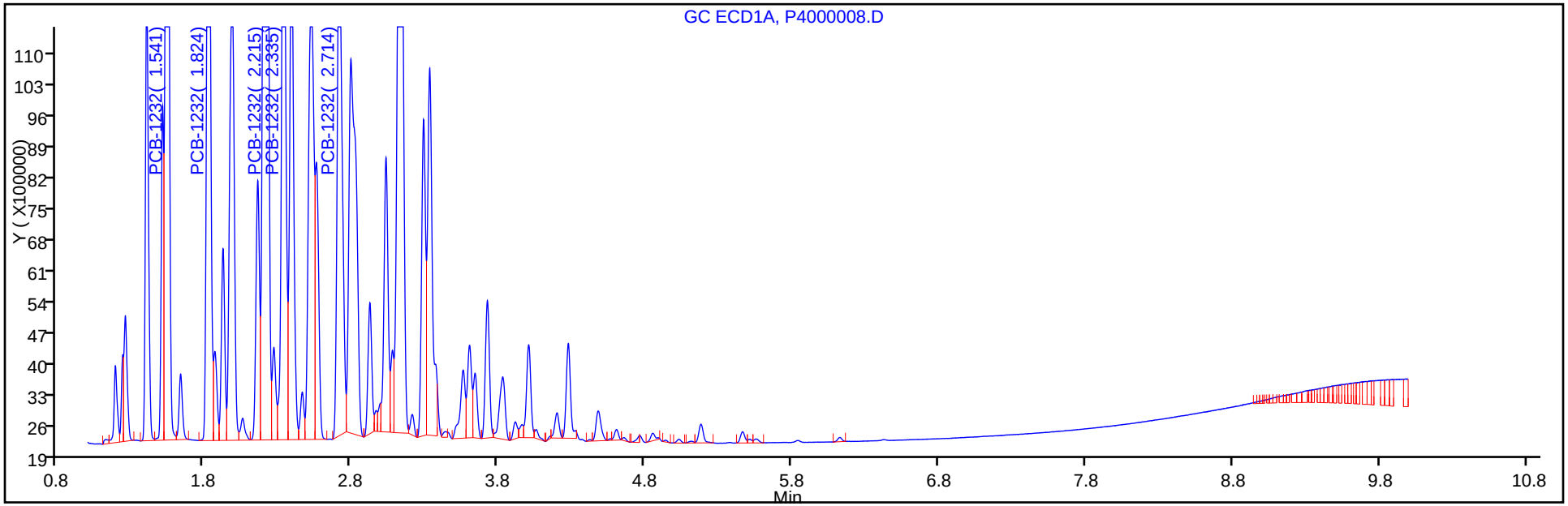
Report Date: 05-Dec-2012 06:34:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

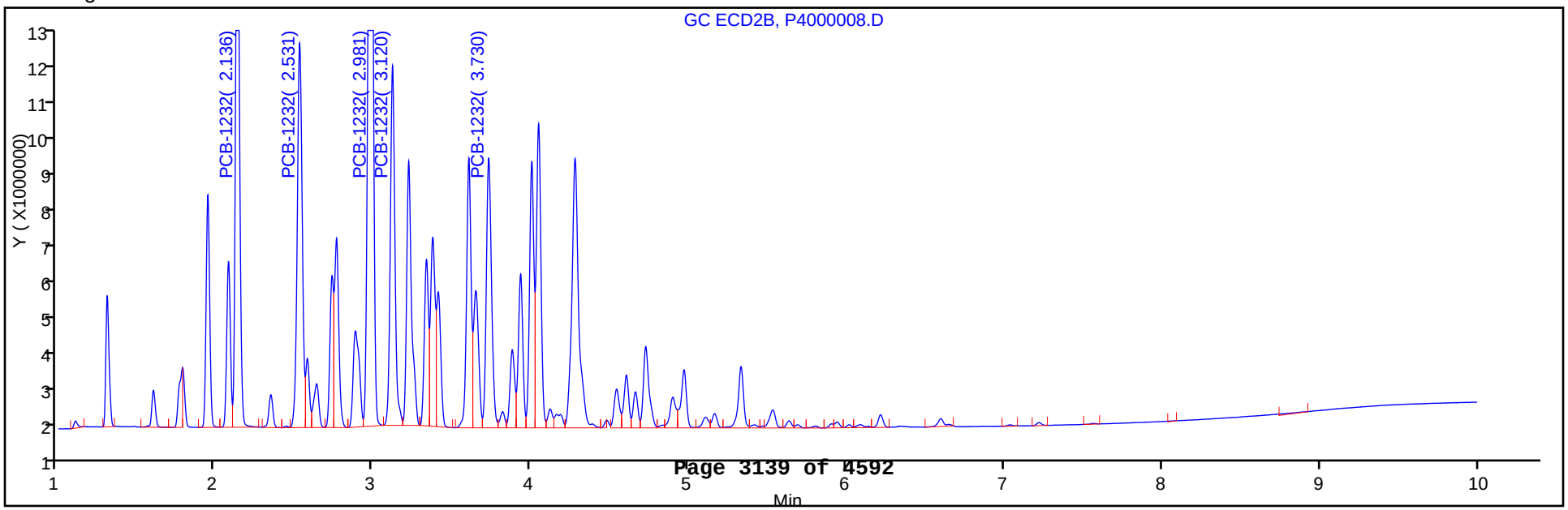
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000008.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

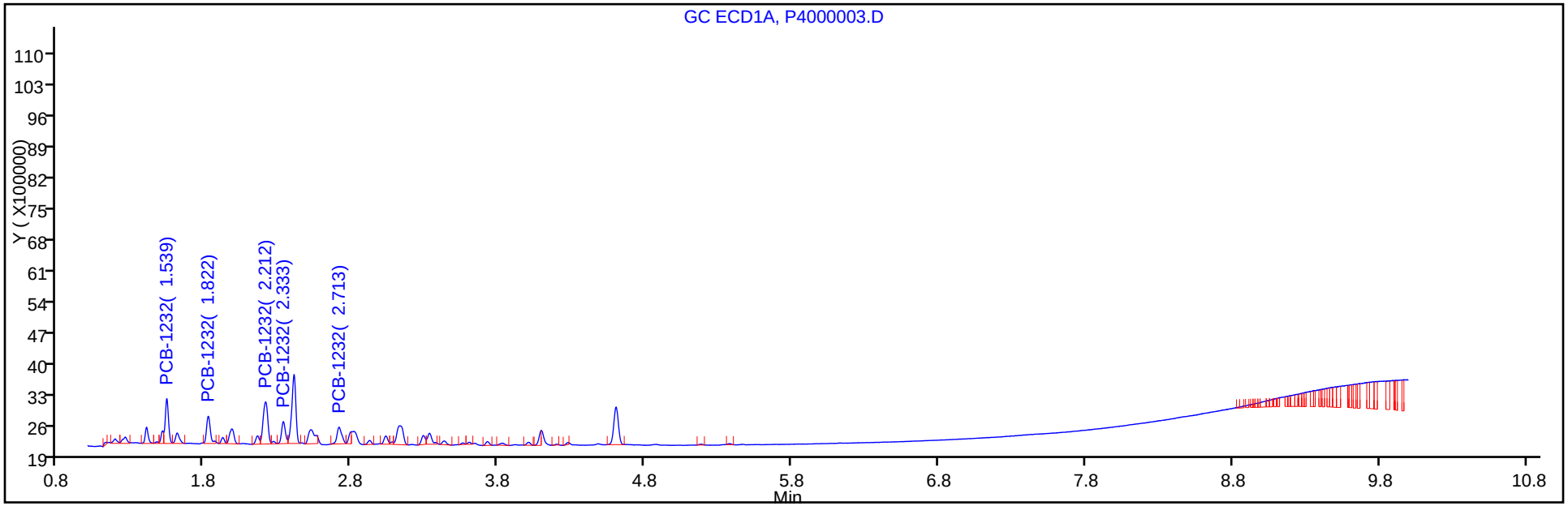
Report Date: 05-Dec-2012 06:34:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

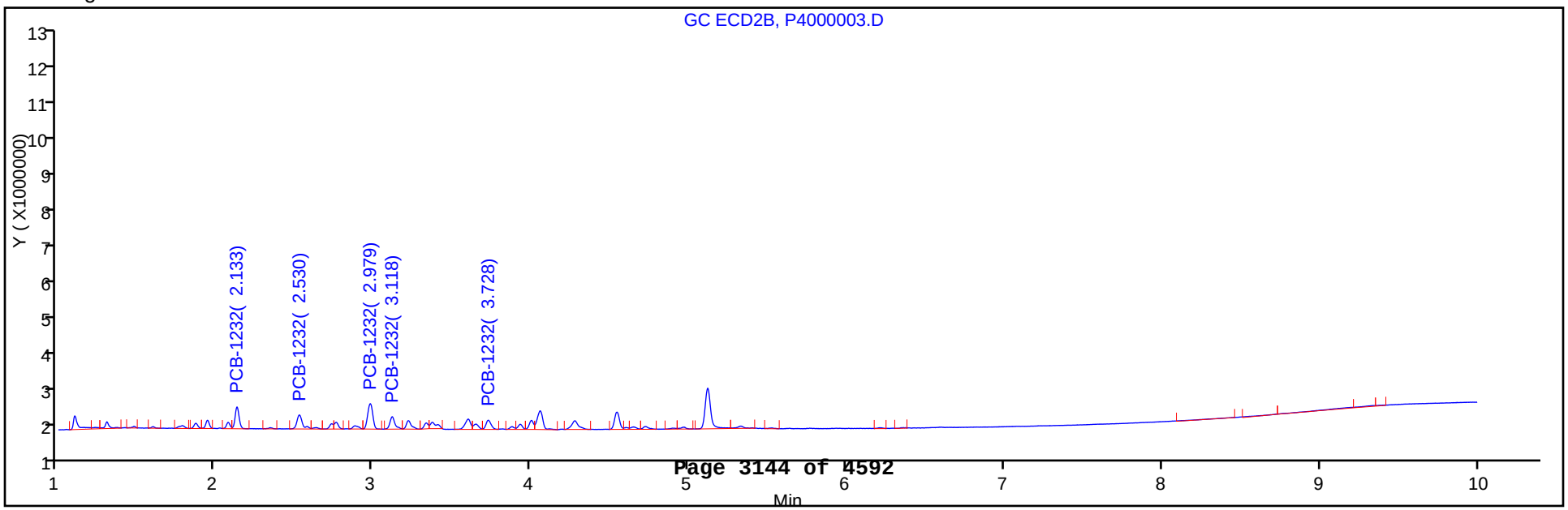
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000003.D

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			

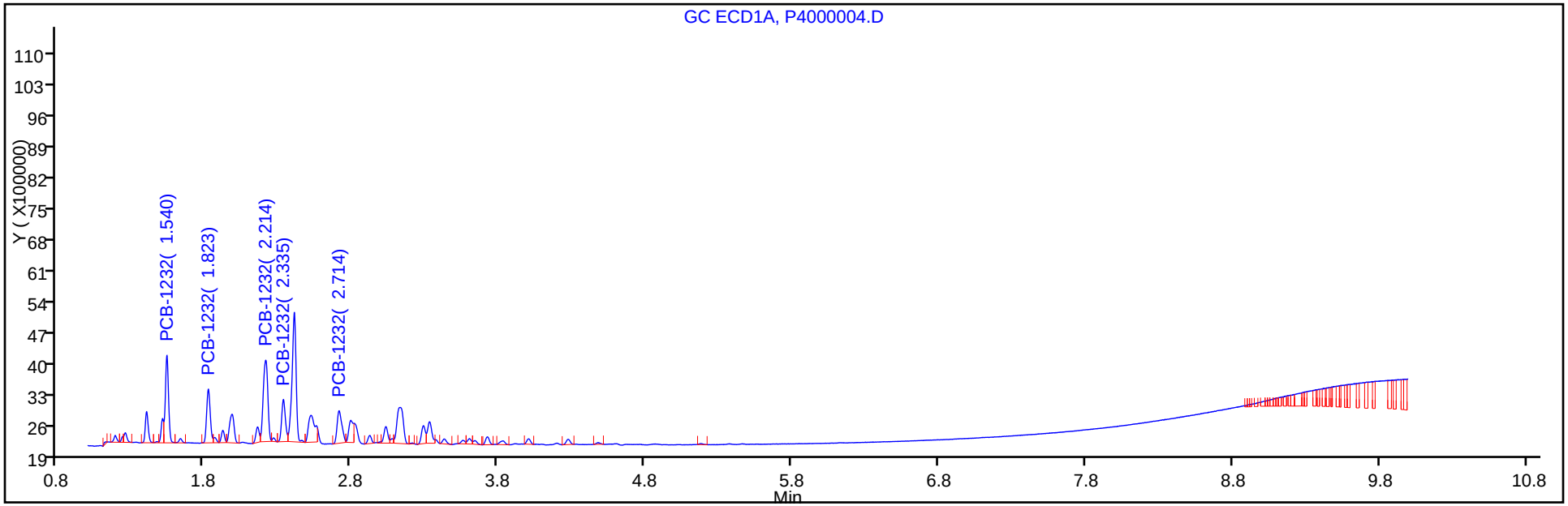
Report Date: 05-Dec-2012 06:34:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

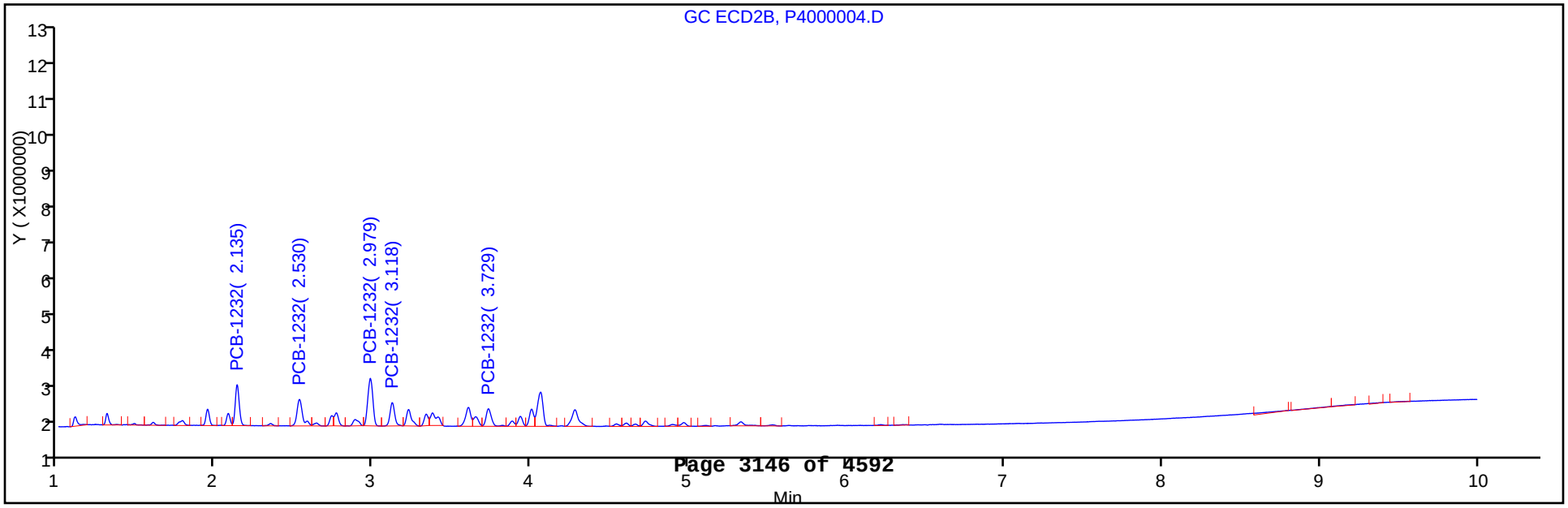
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000004.D

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			

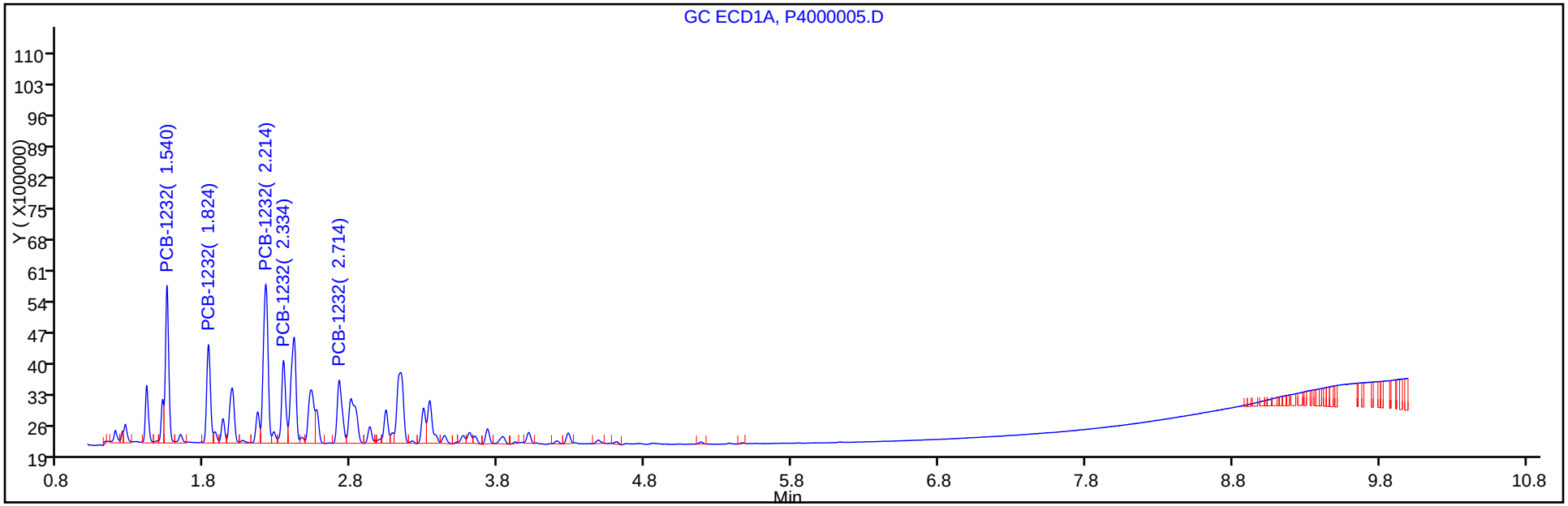
Report Date: 05-Dec-2012 06:34:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

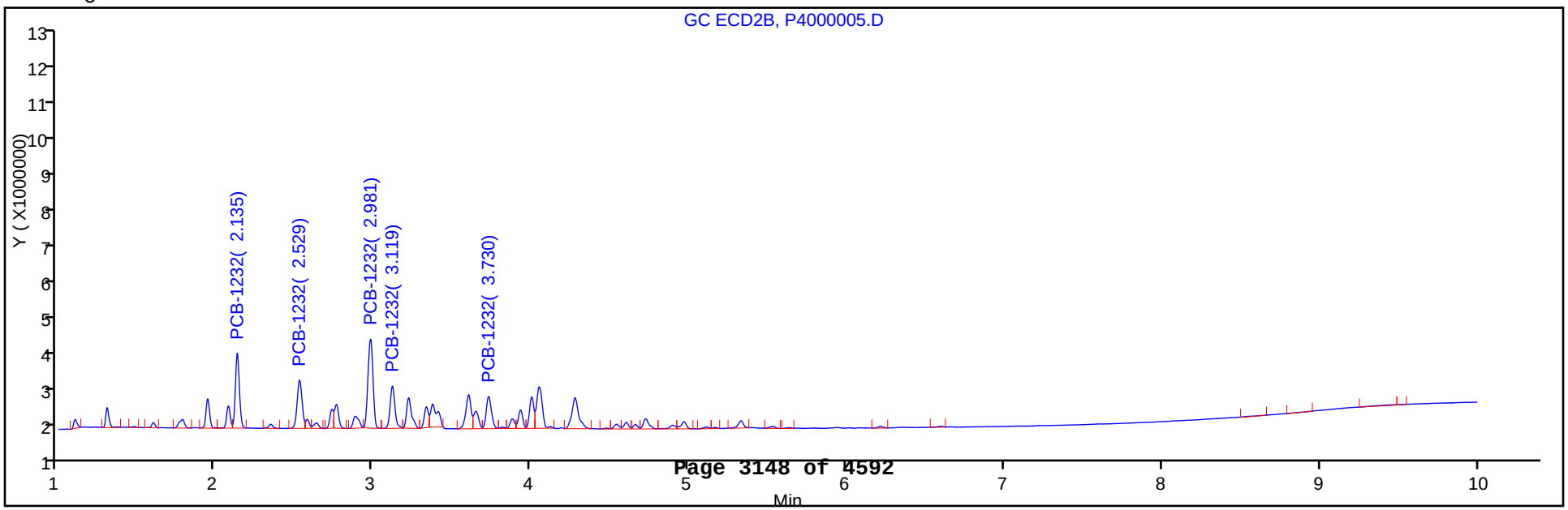
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000005.D

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

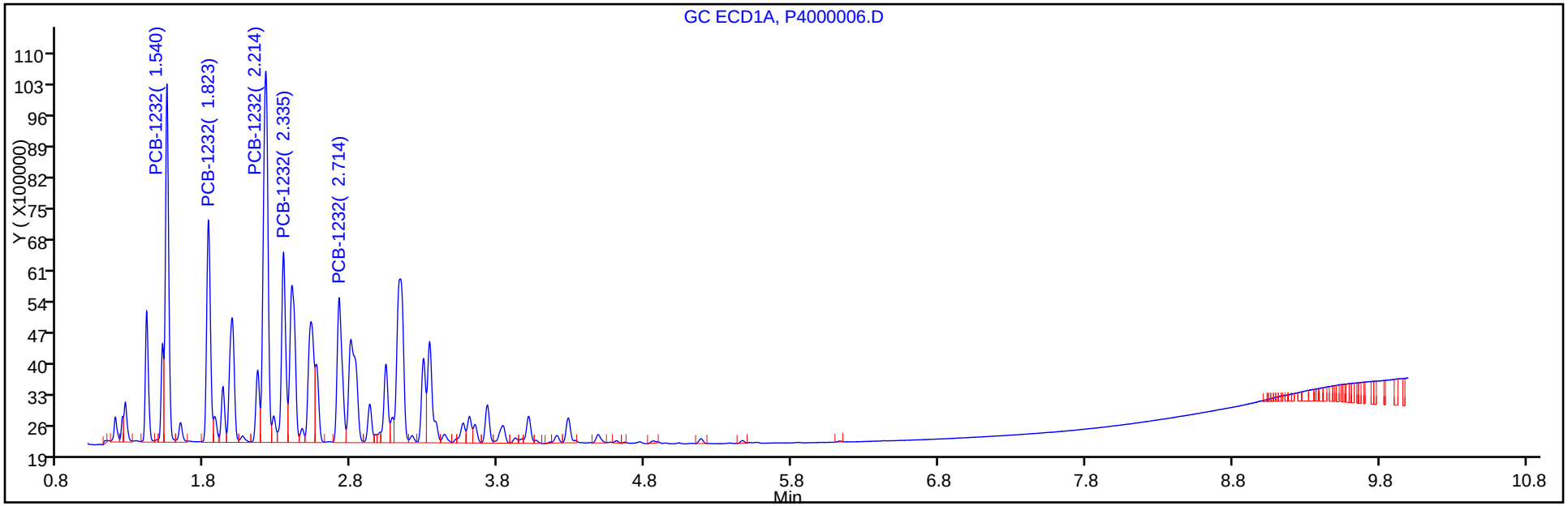
Report Date: 05-Dec-2012 06:34:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

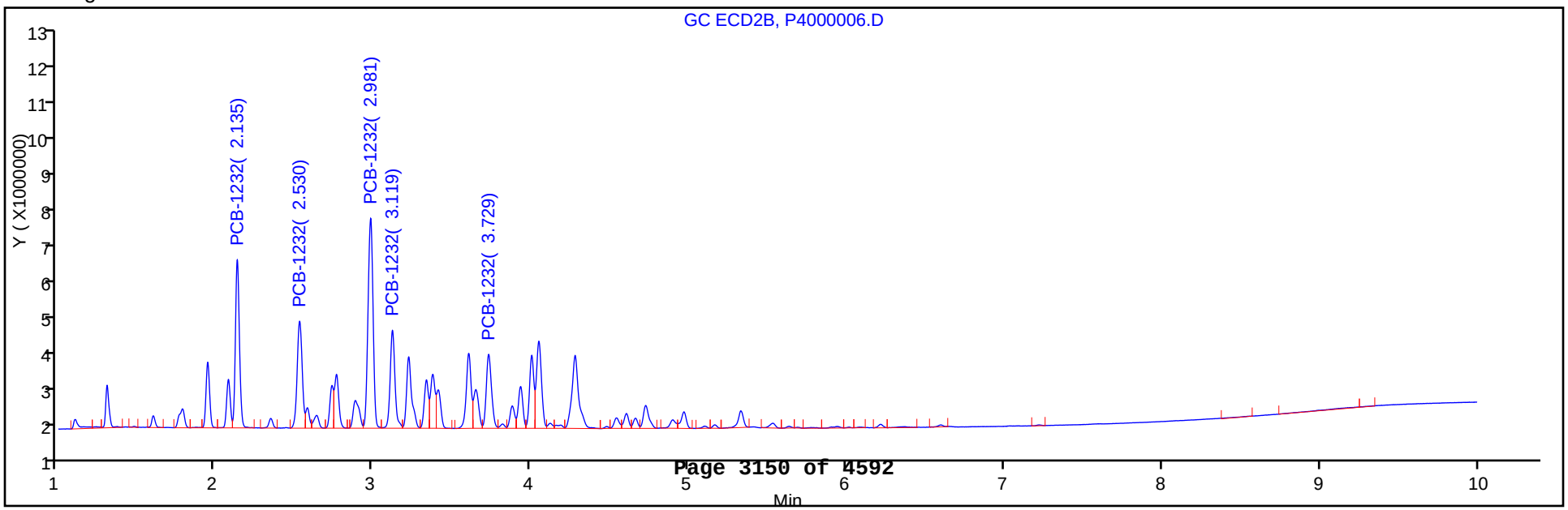
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000006.D

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



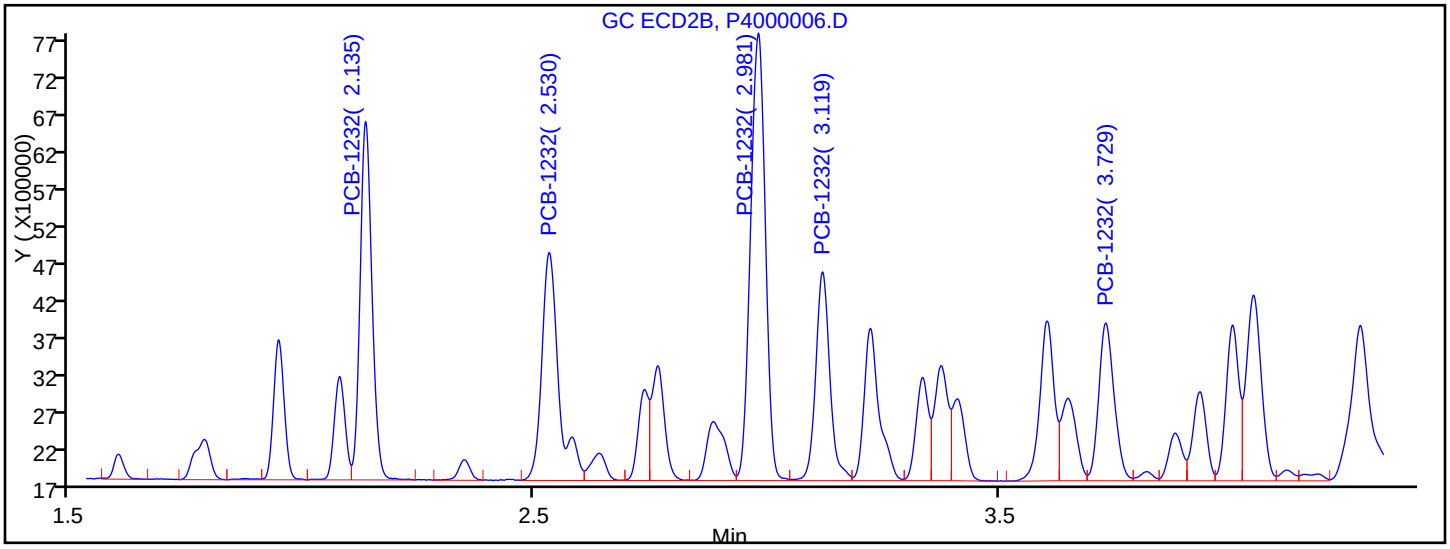
Report Date: 05-Dec-2012 06:34:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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

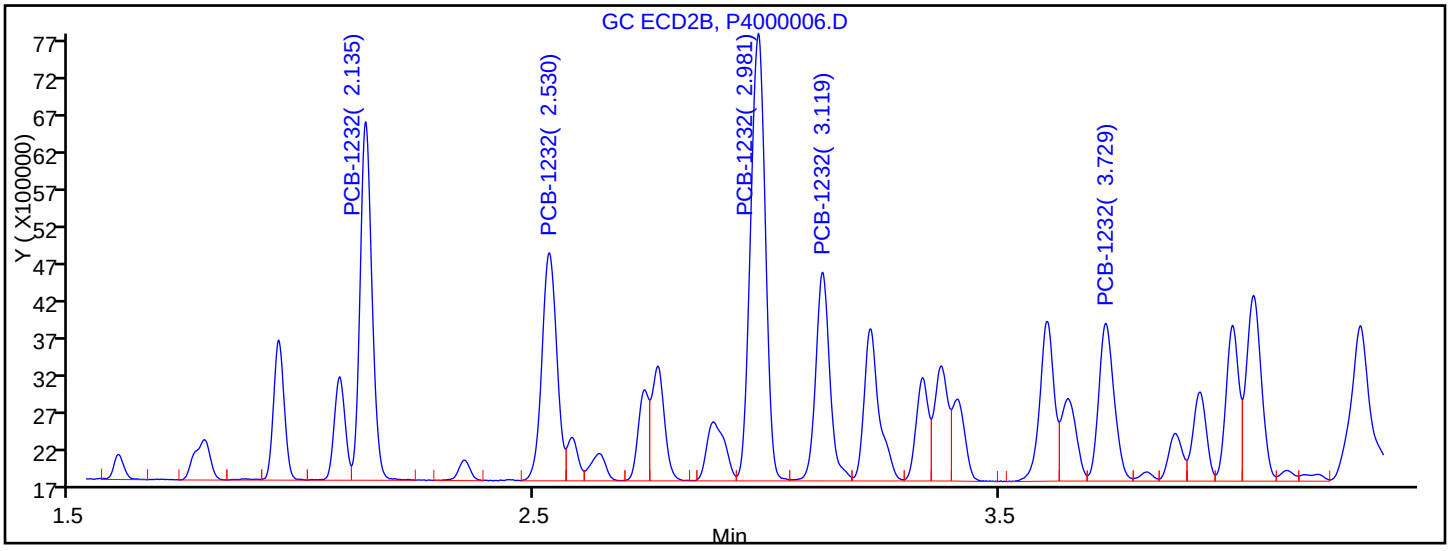
Injection Date:	04-Dec-2012 09:13:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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

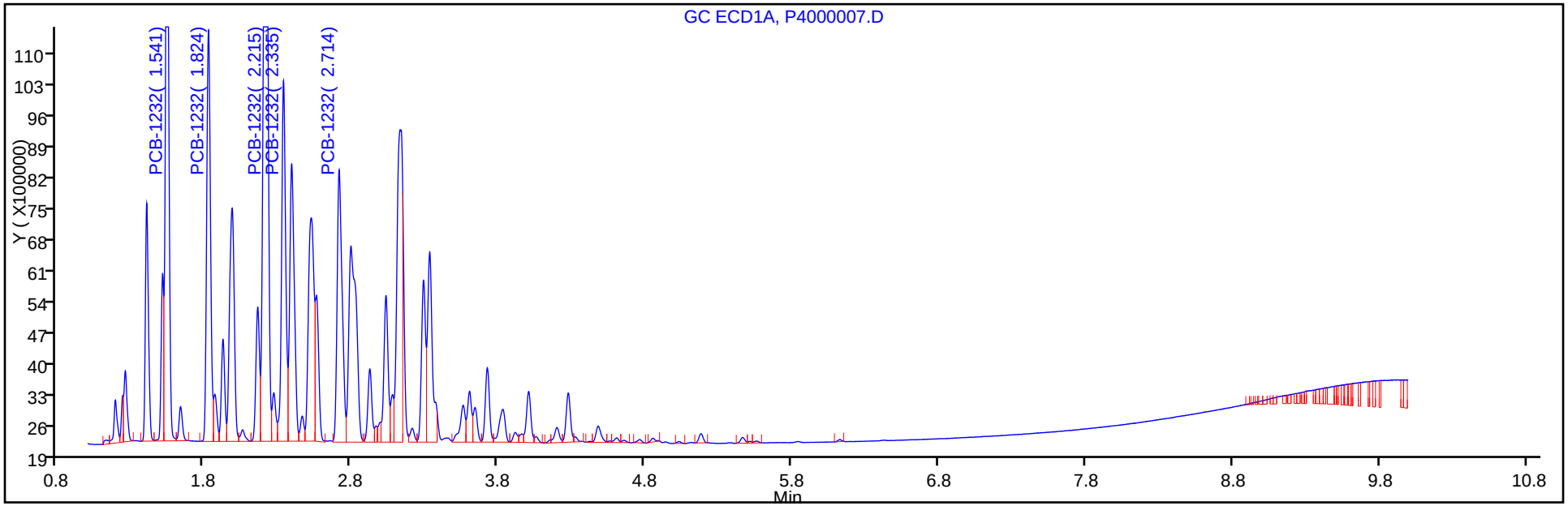
Report Date: 05-Dec-2012 06:34:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

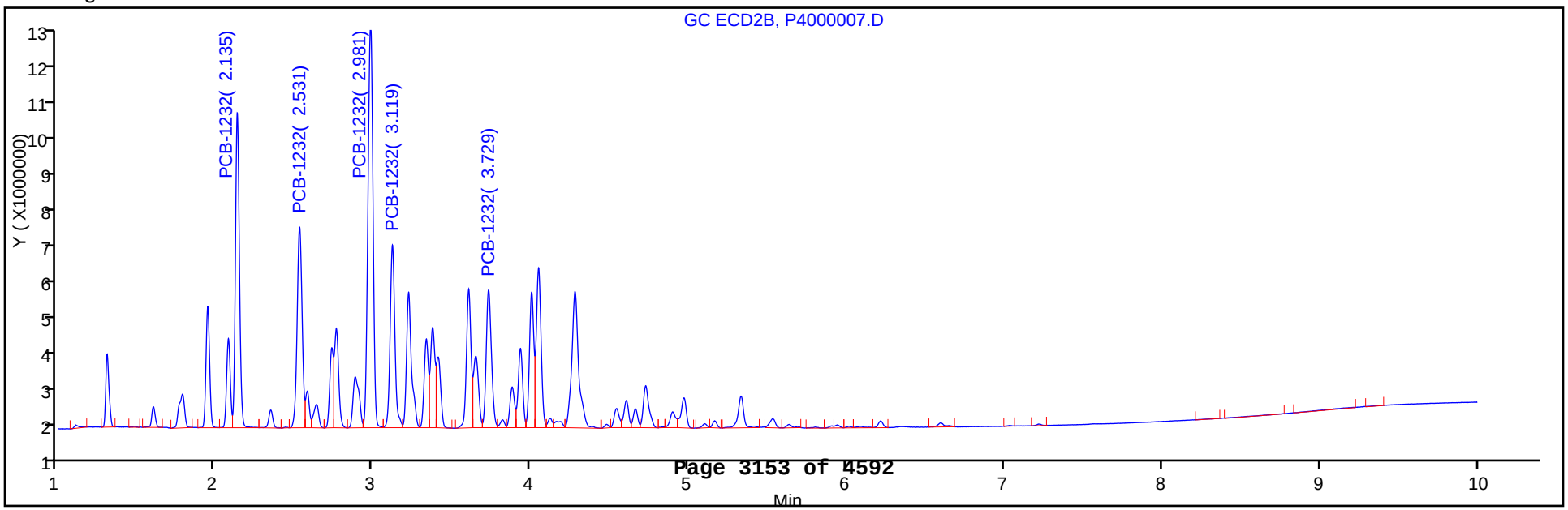
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000007.D

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

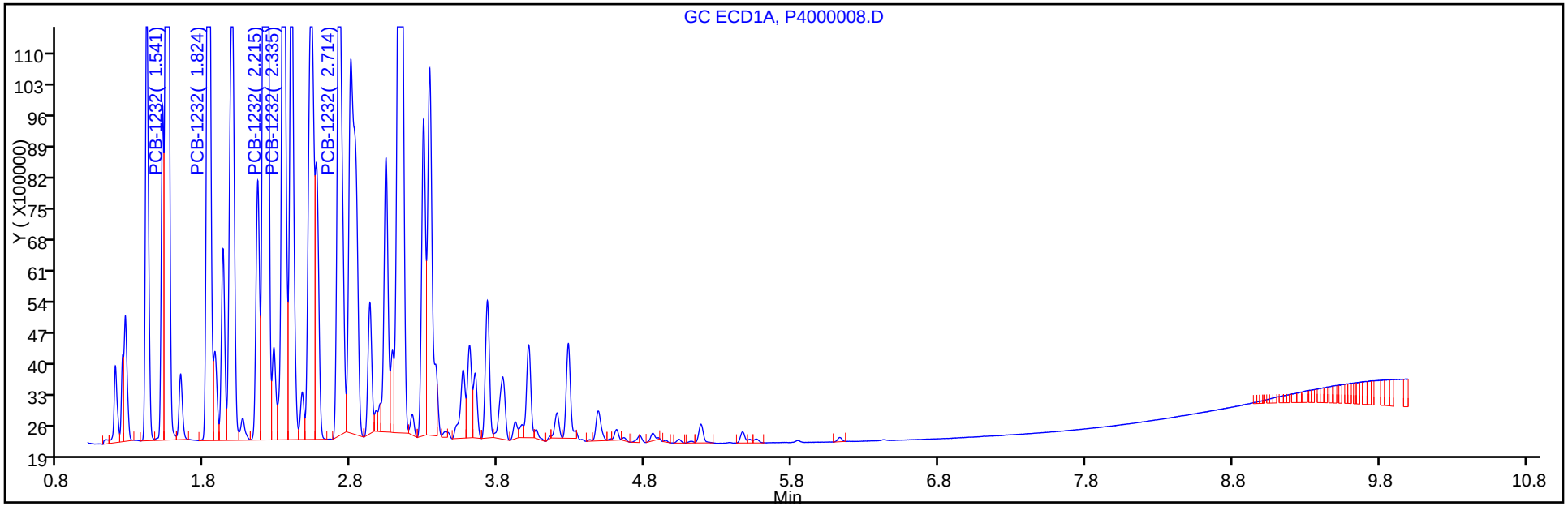
Report Date: 05-Dec-2012 06:34:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

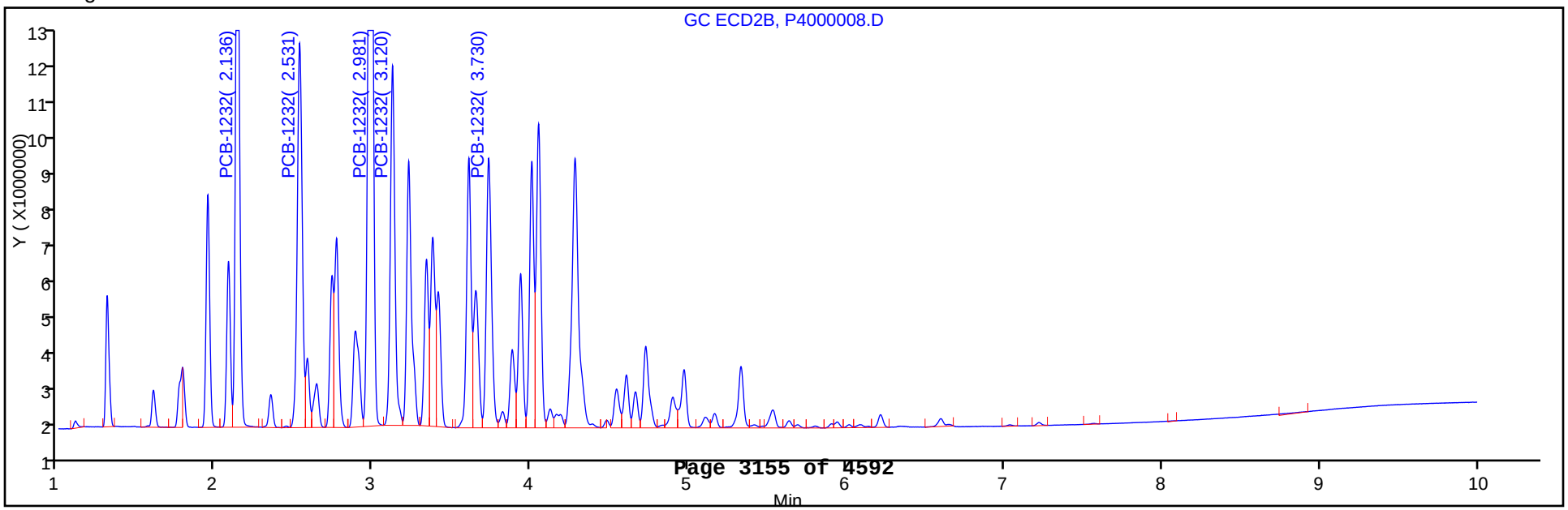
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000008.D

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



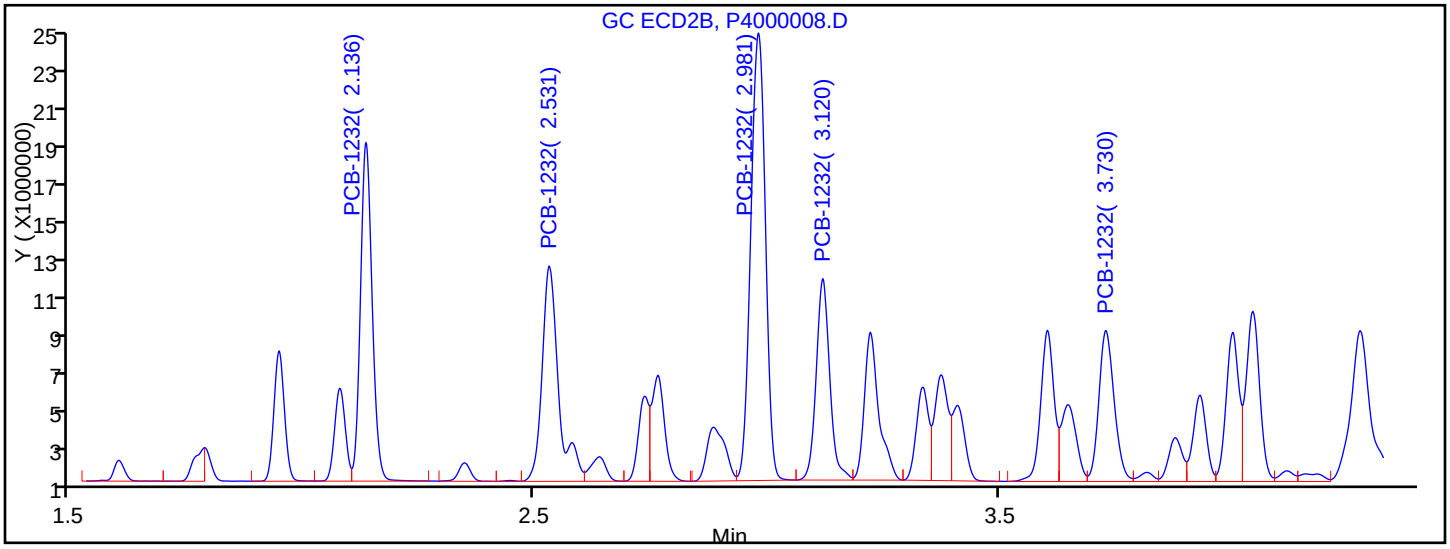
Report Date: 05-Dec-2012 06:34:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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

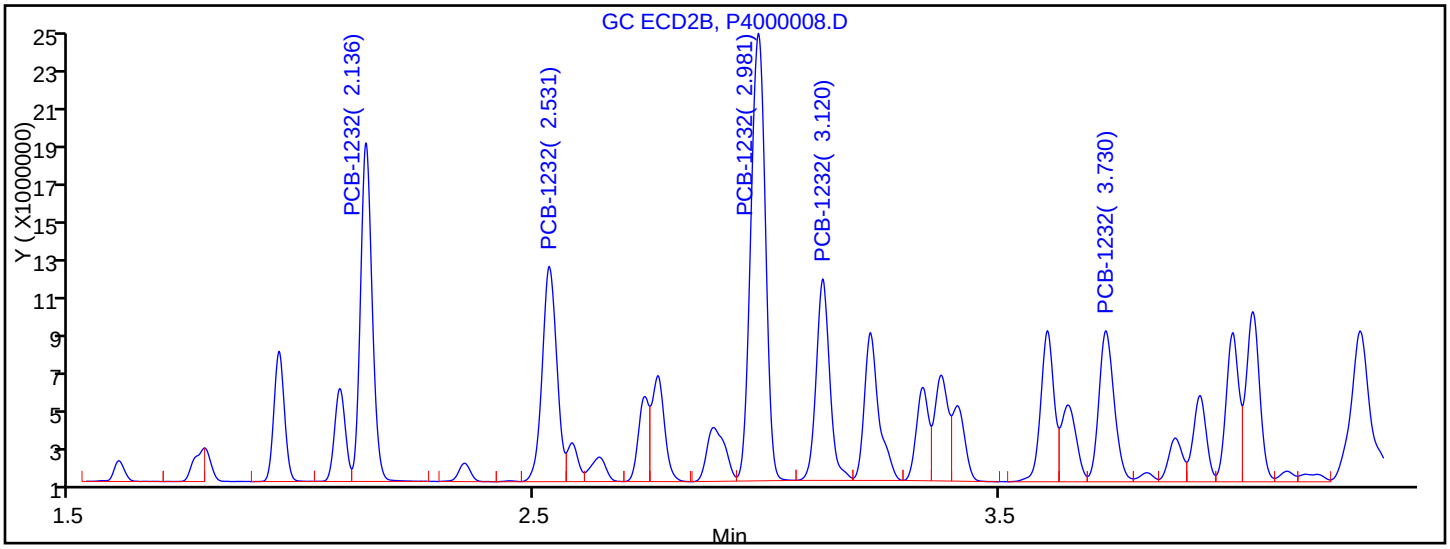
Injection Date:	04-Dec-2012 09:45:19	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

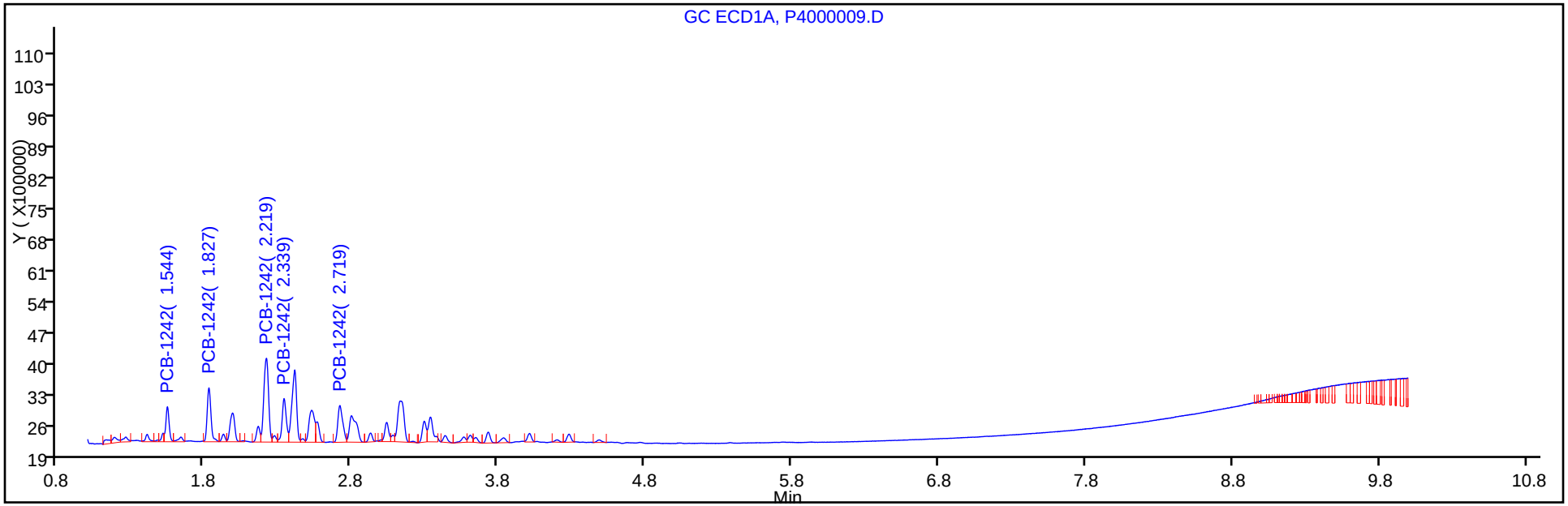
Report Date: 05-Dec-2012 06:34:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

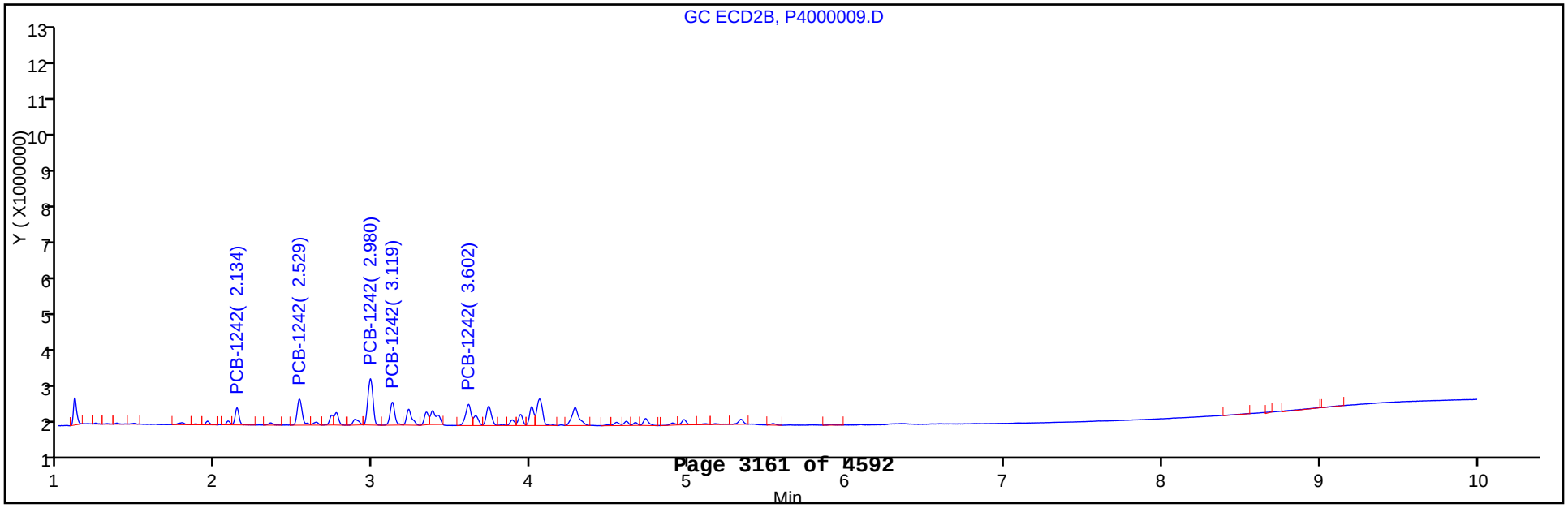
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000009.D

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			

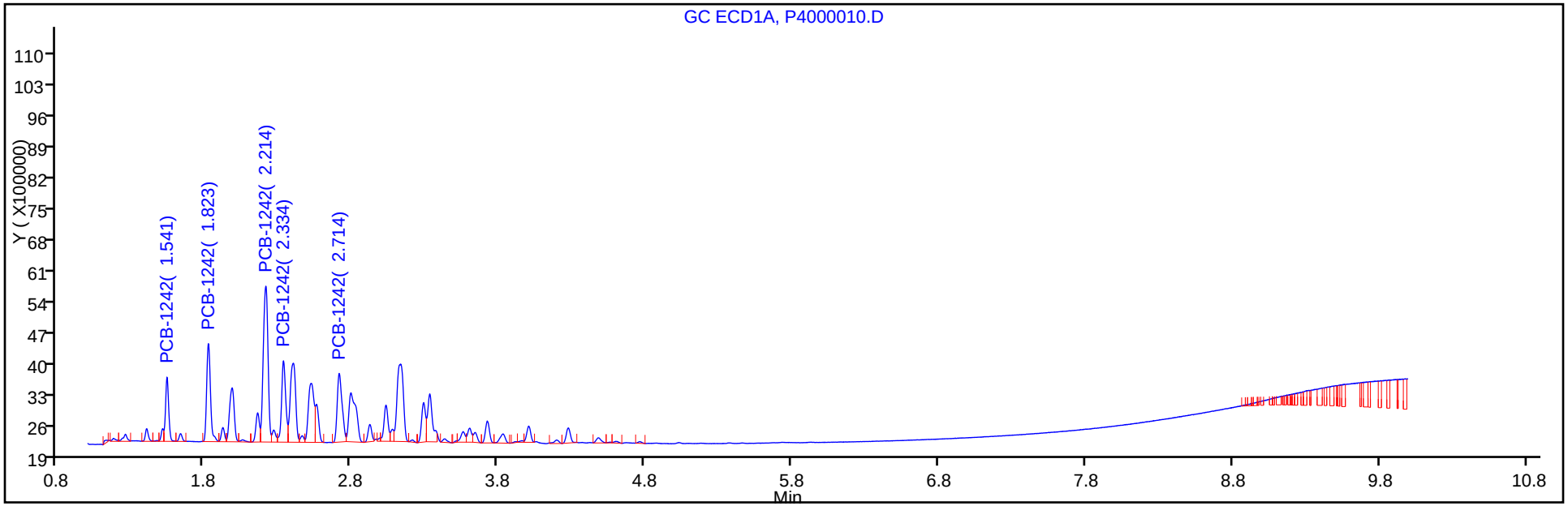
Report Date: 05-Dec-2012 06:34:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

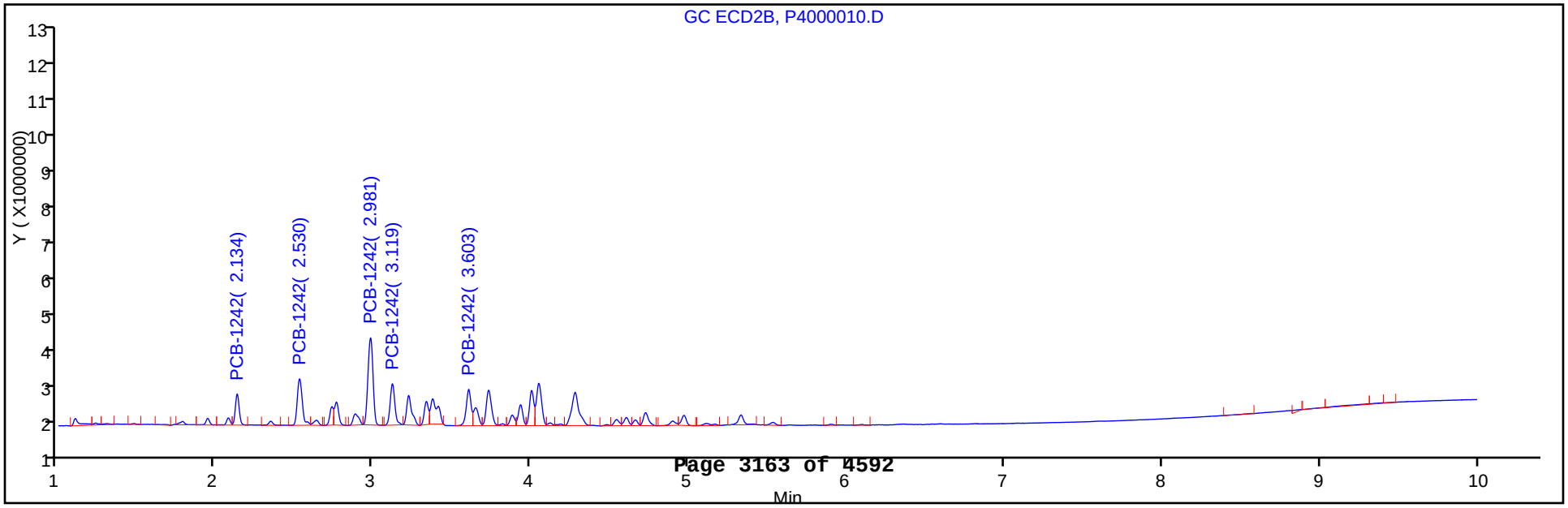
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000010.D

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			

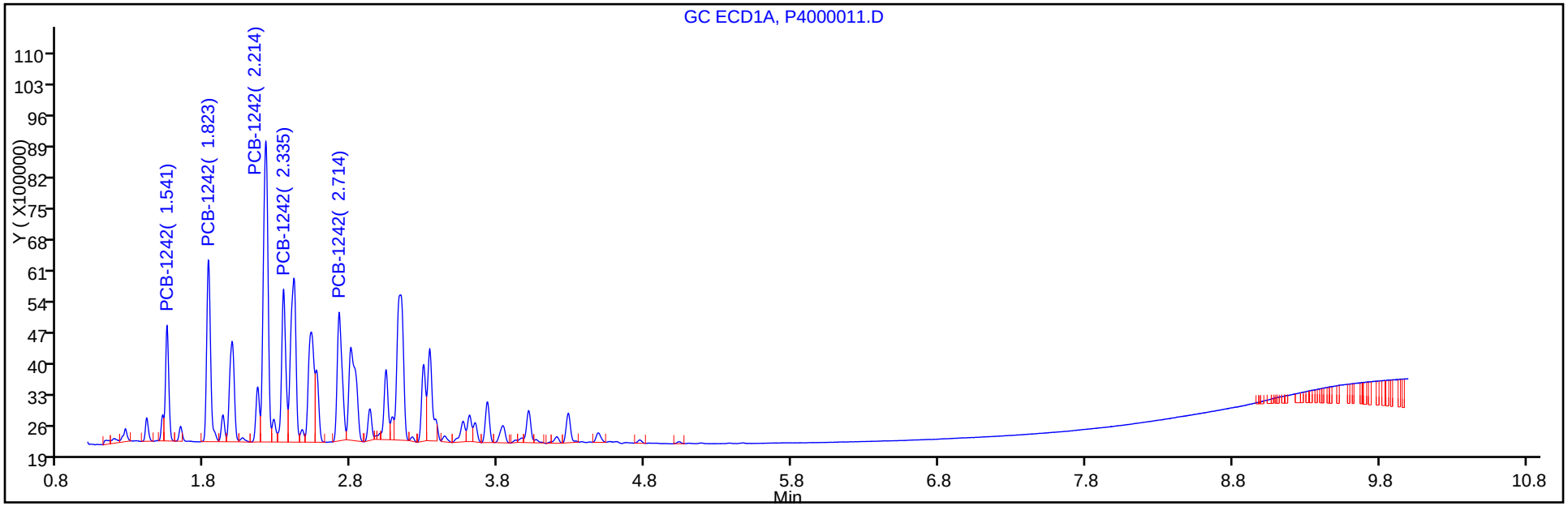
Report Date: 05-Dec-2012 06:34:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

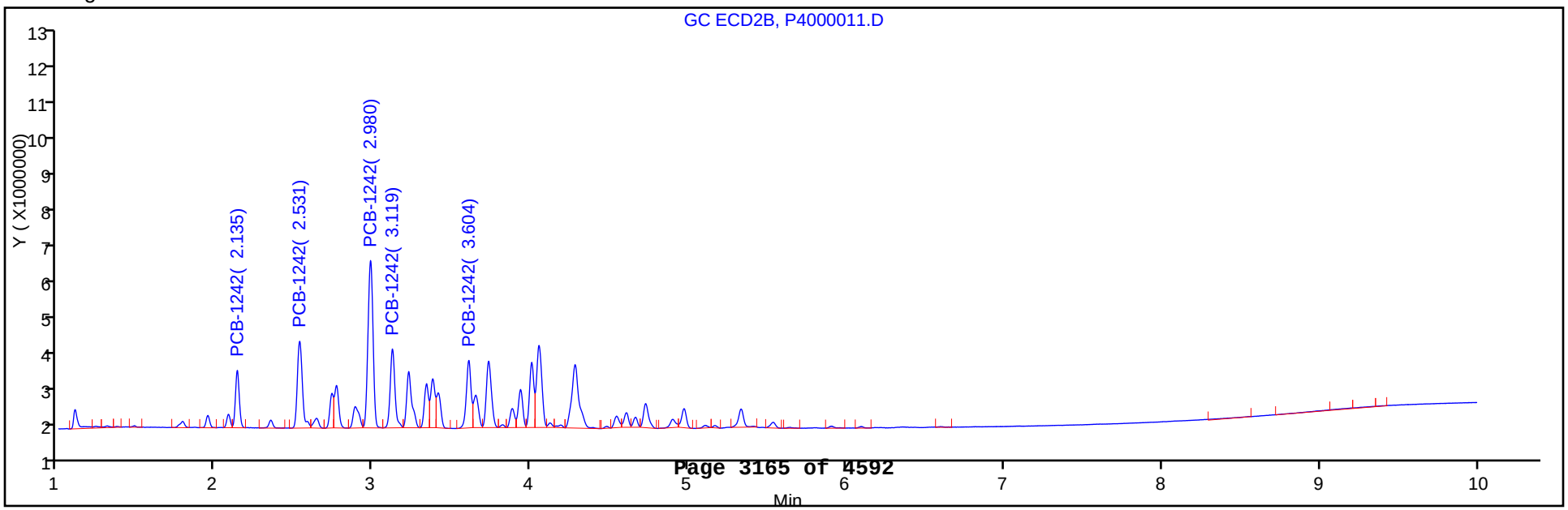
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000011.D

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			

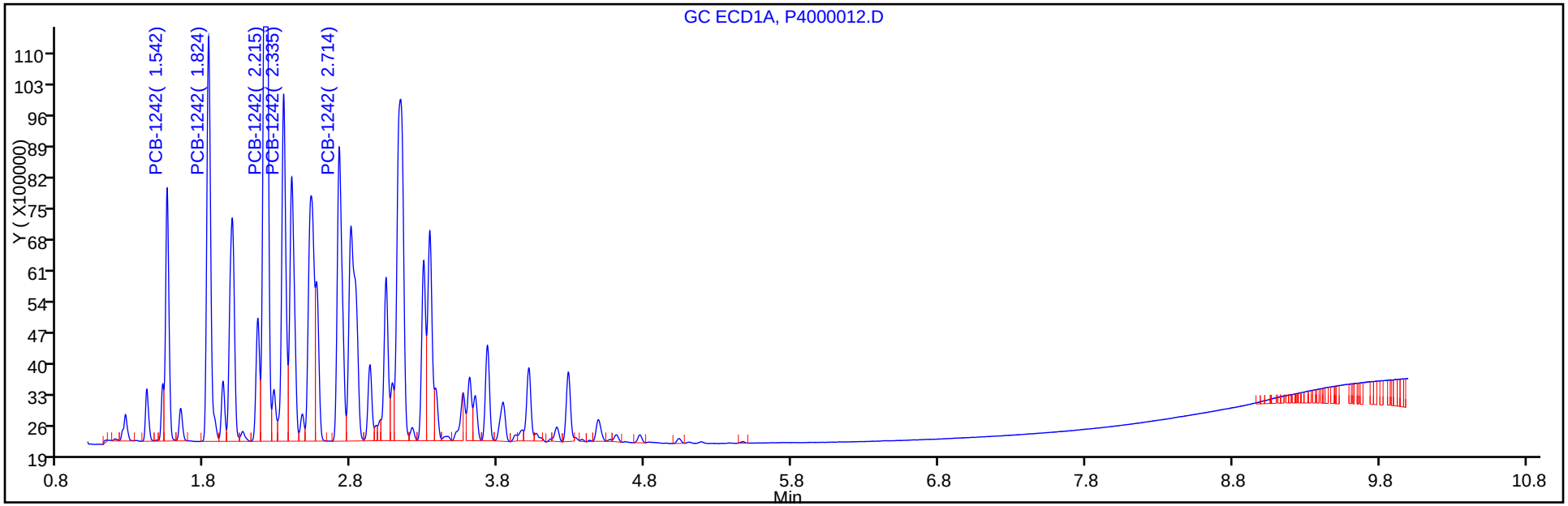
Report Date: 05-Dec-2012 06:34:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

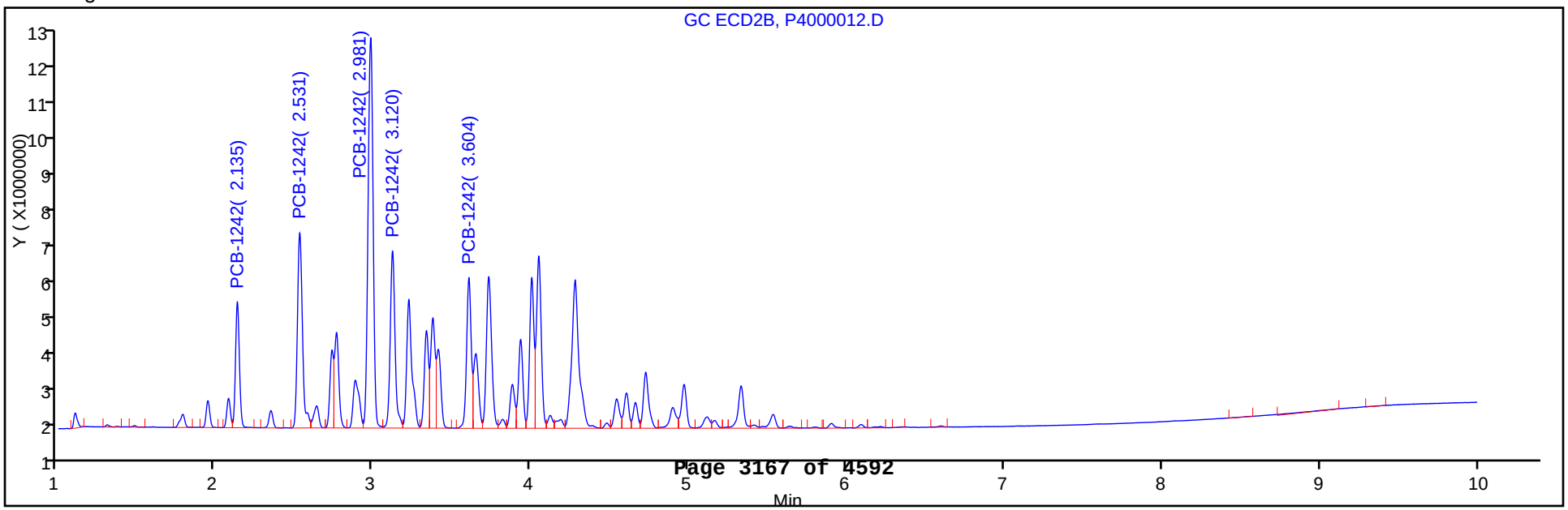
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000012.D

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			

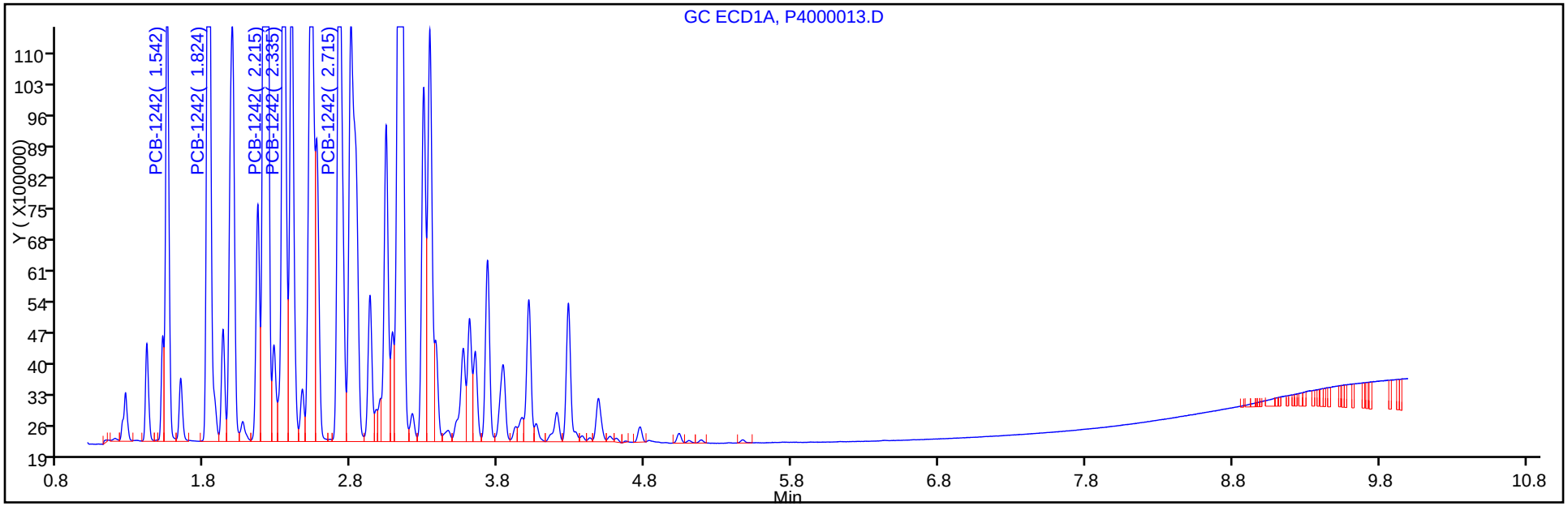
Report Date: 05-Dec-2012 06:34:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

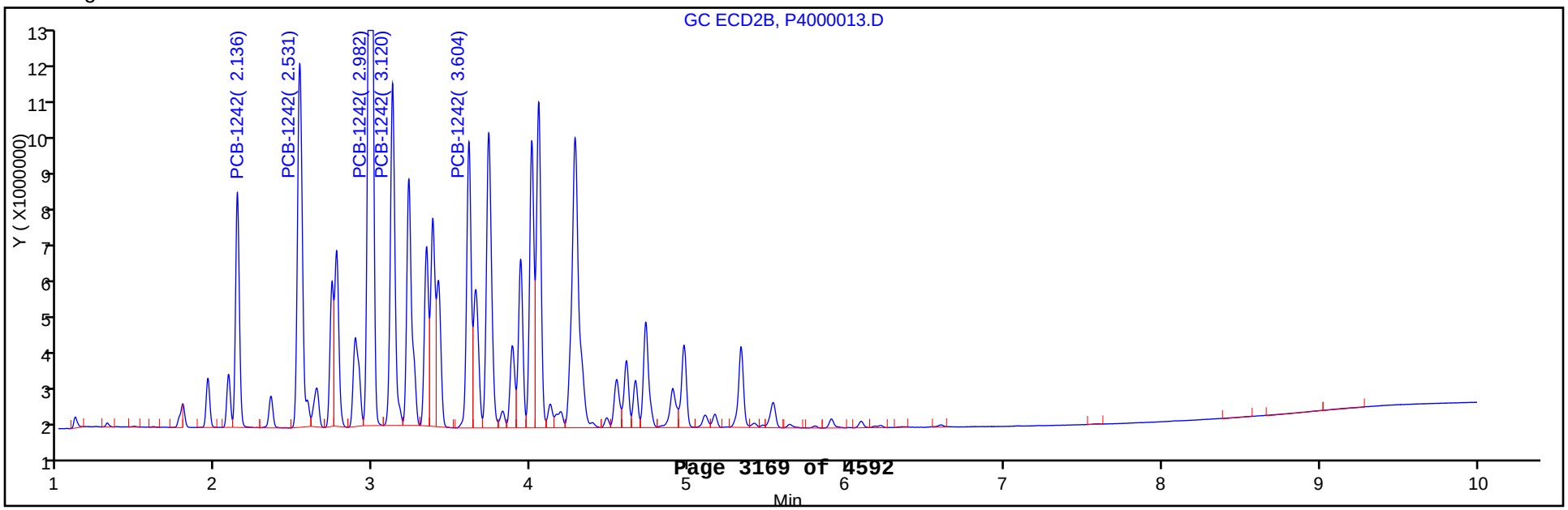
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000013.D

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			

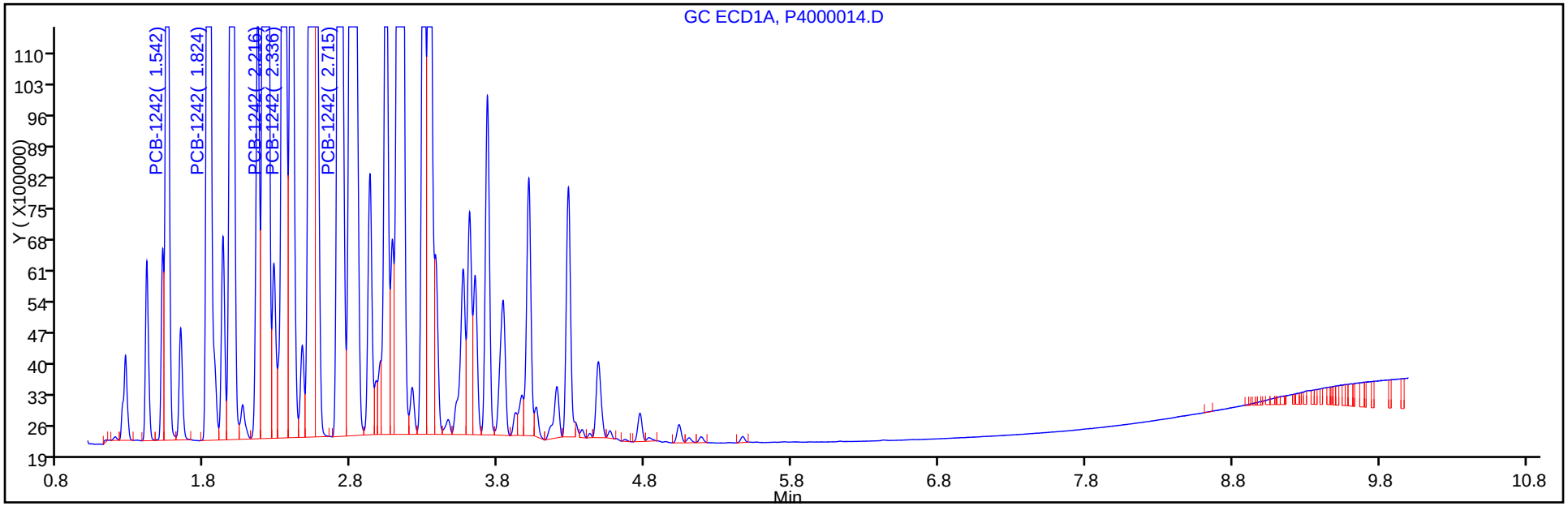
Report Date: 05-Dec-2012 06:34:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

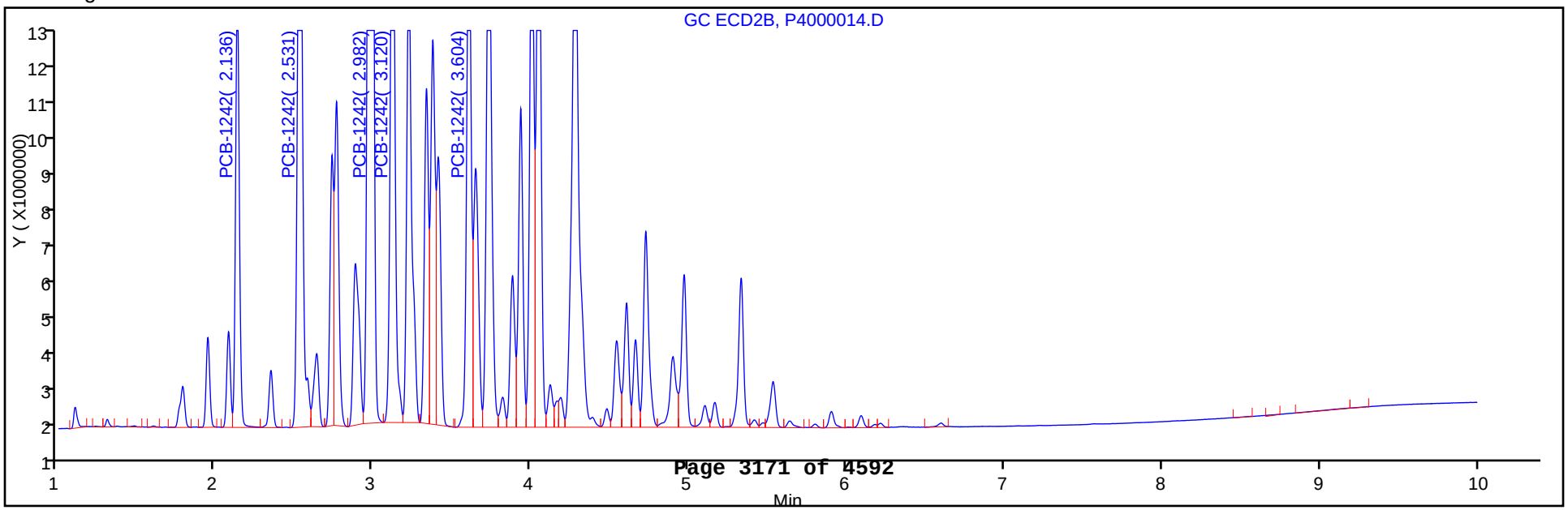
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000014.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

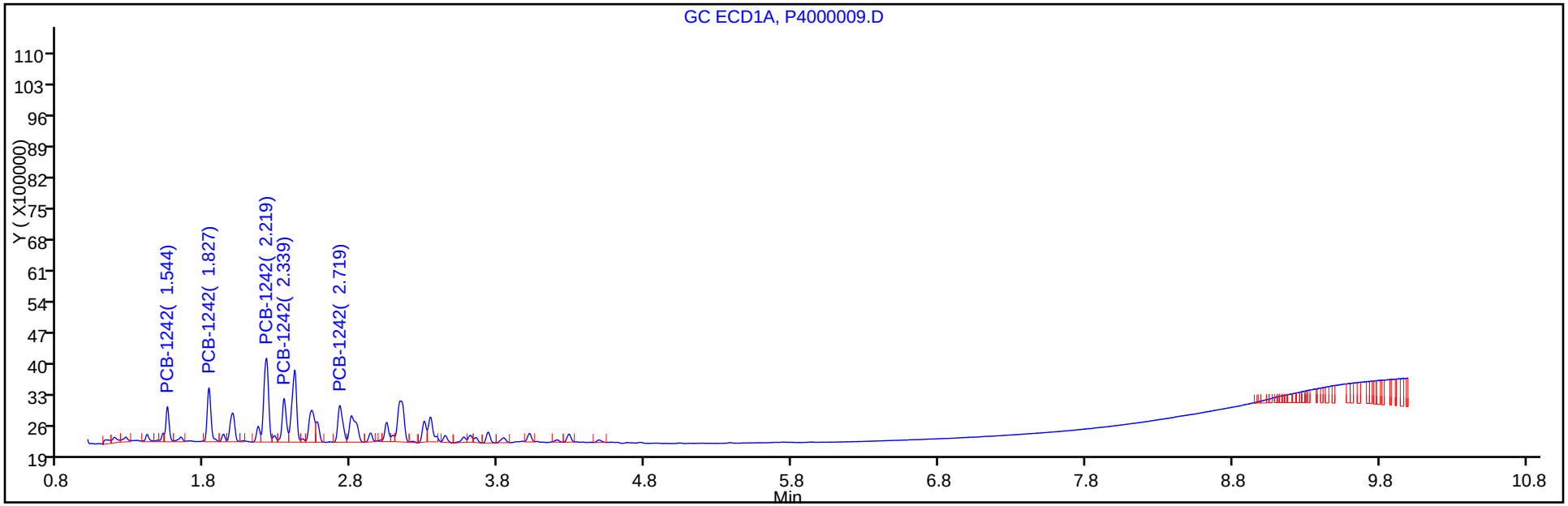
Report Date: 05-Dec-2012 06:34:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

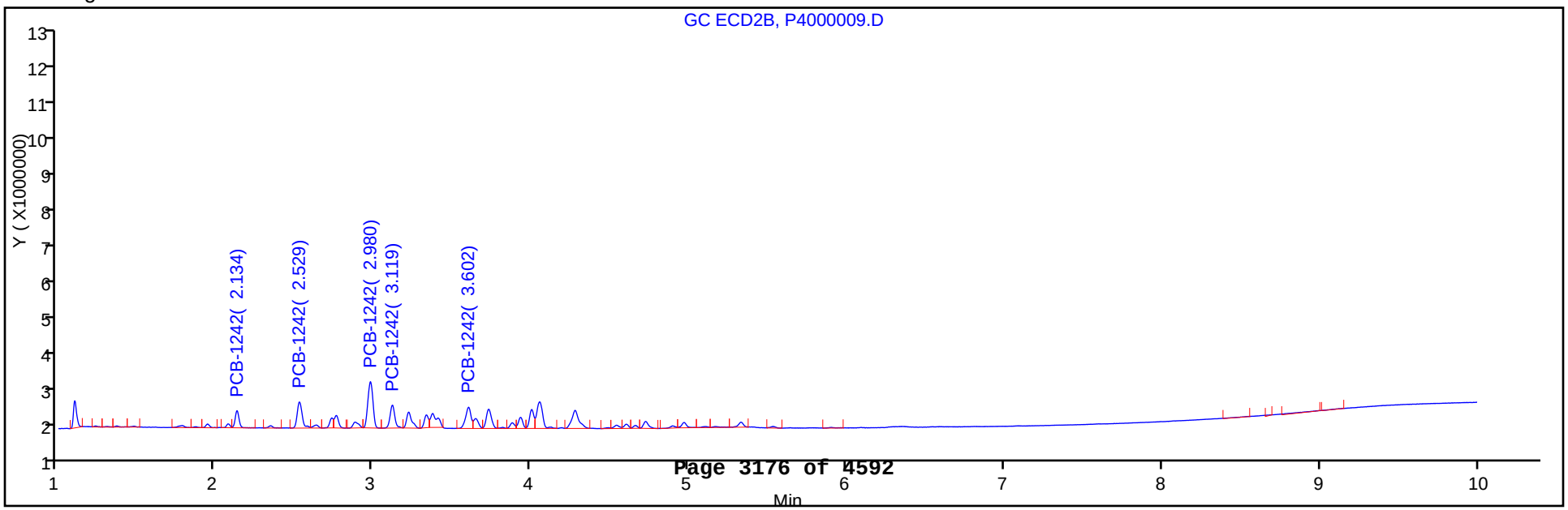
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000009.D

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			

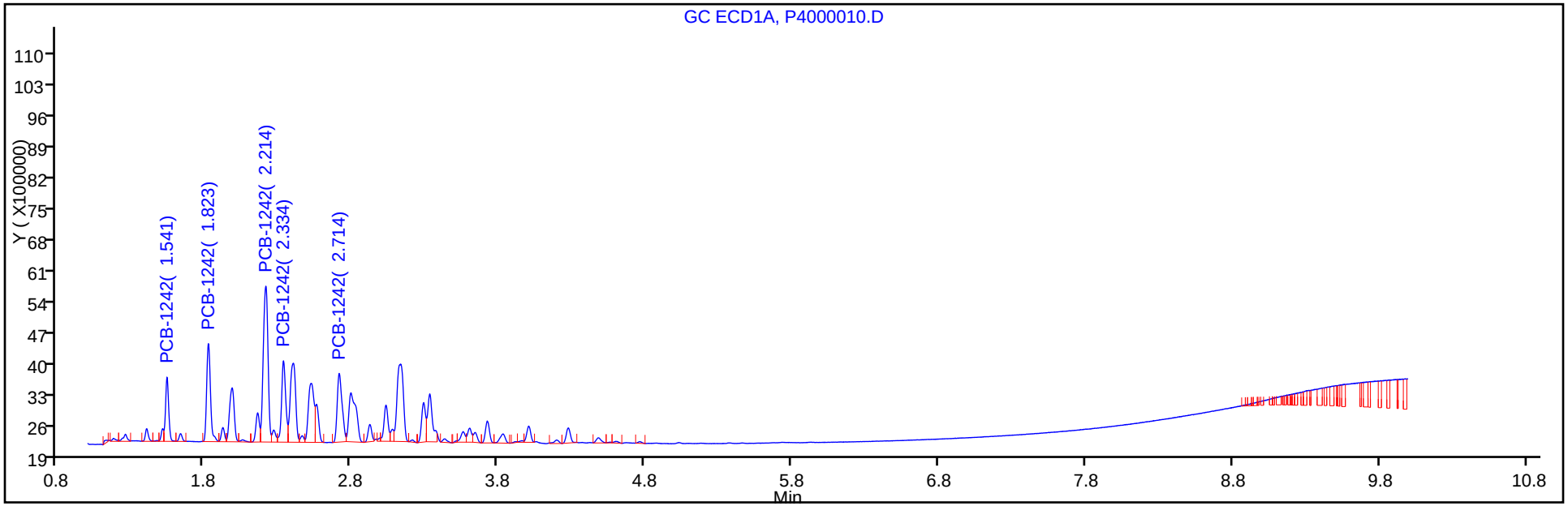
Report Date: 05-Dec-2012 06:34:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

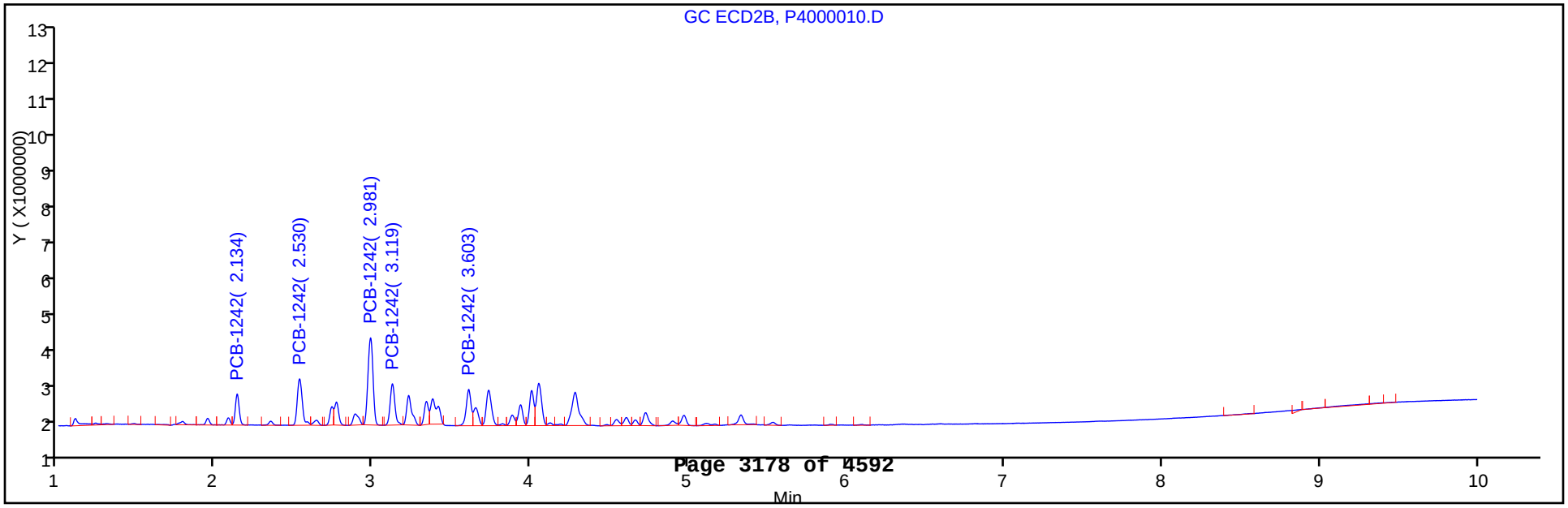
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000010.D

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			

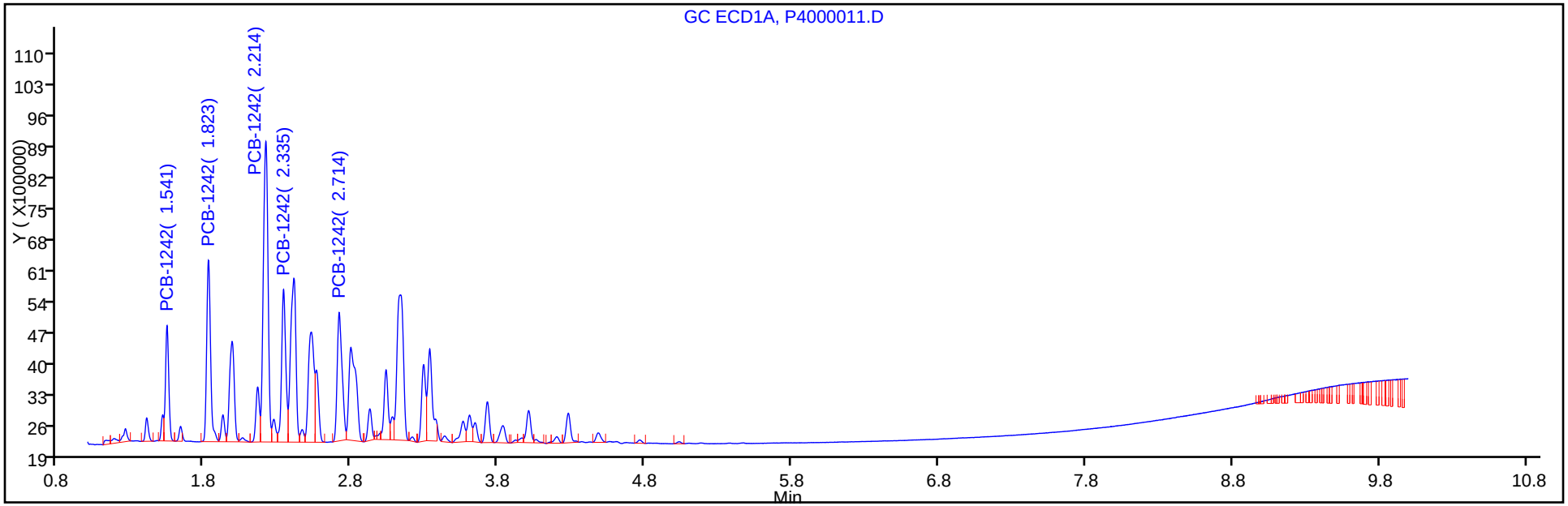
Report Date: 05-Dec-2012 06:34:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

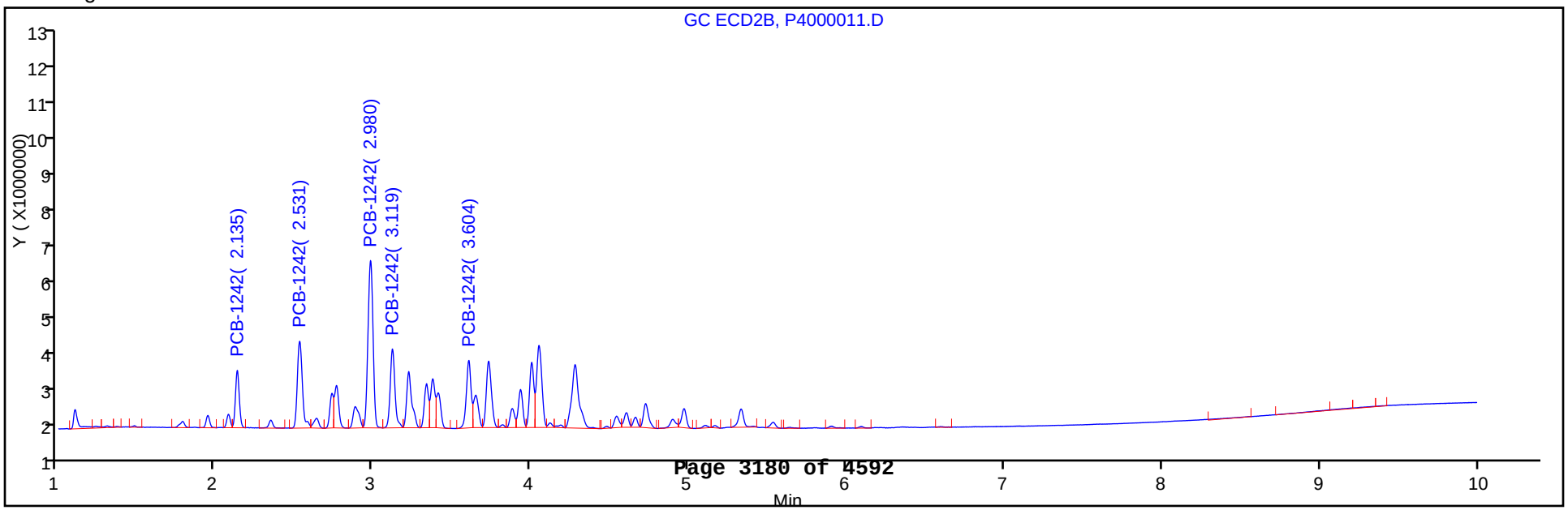
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000011.D

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			

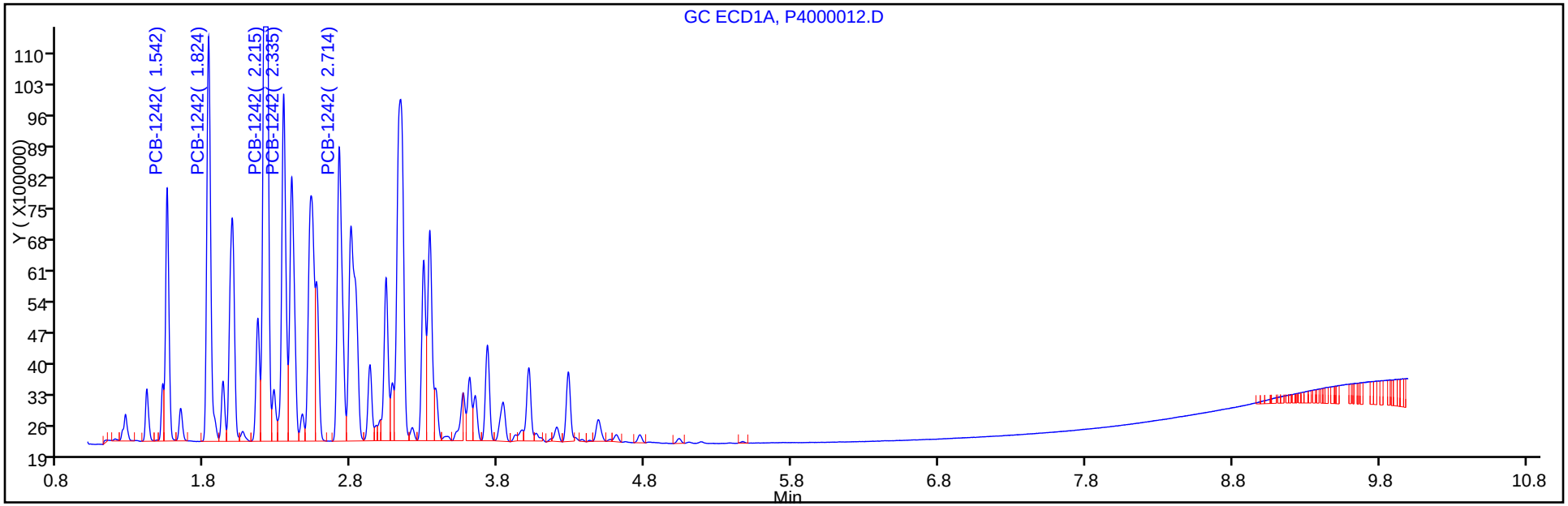
Report Date: 05-Dec-2012 06:34:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

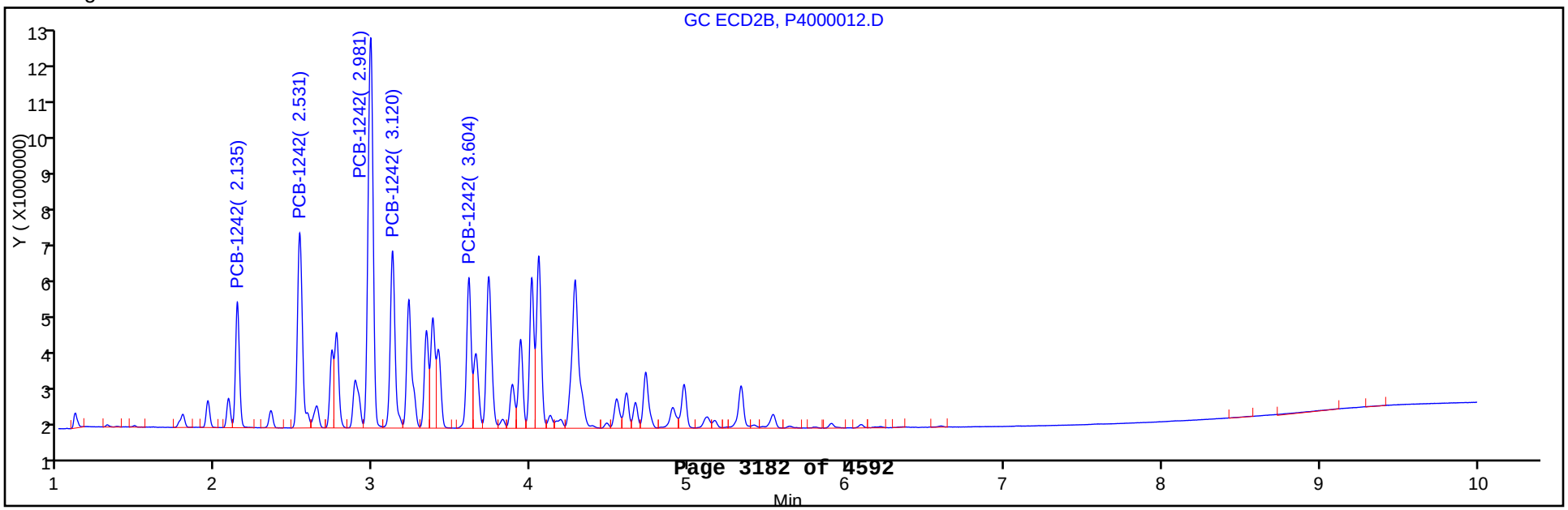
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000012.D

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			

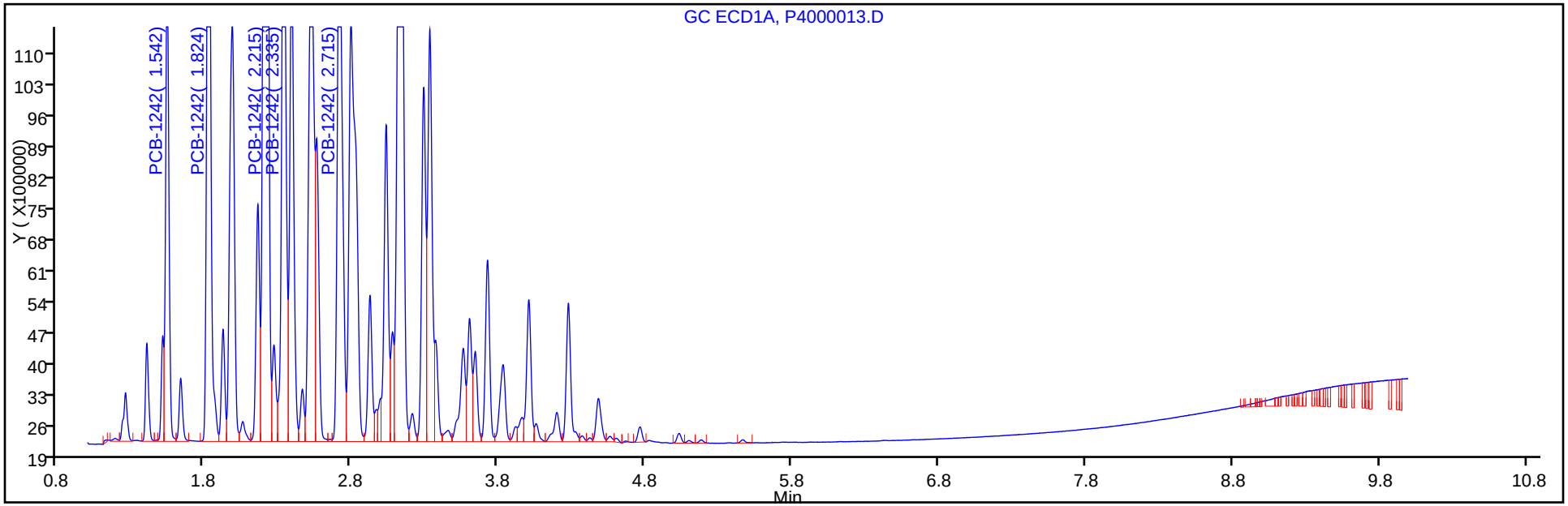
Report Date: 05-Dec-2012 06:34:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

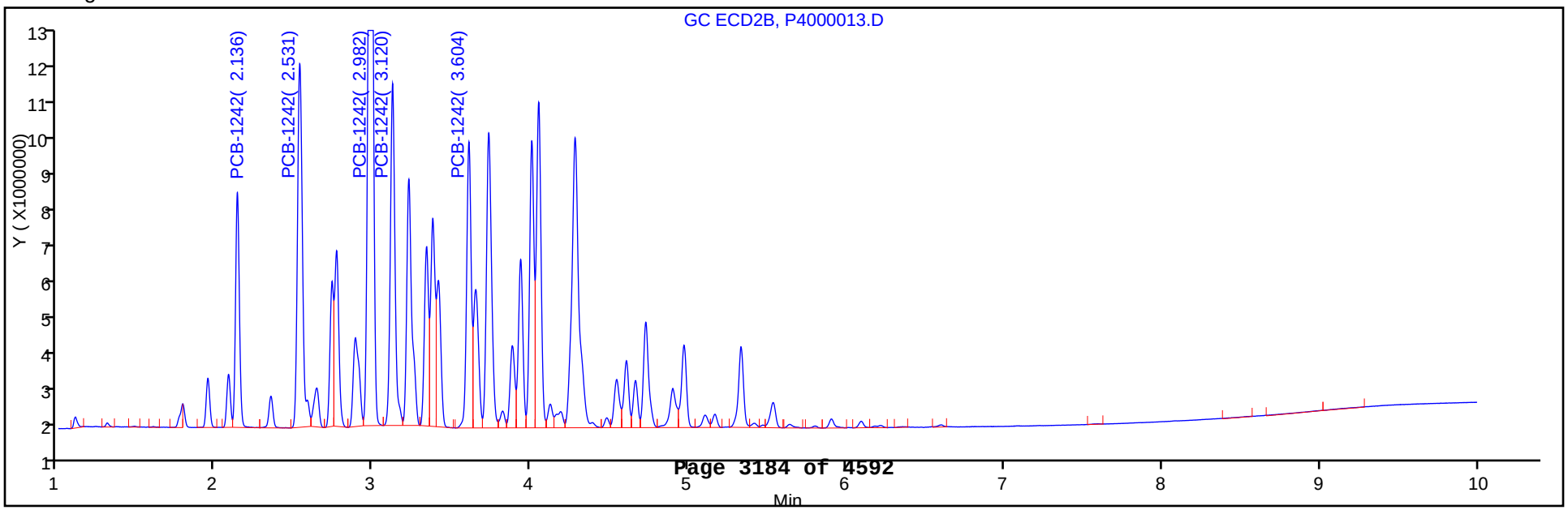
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000013.D

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			

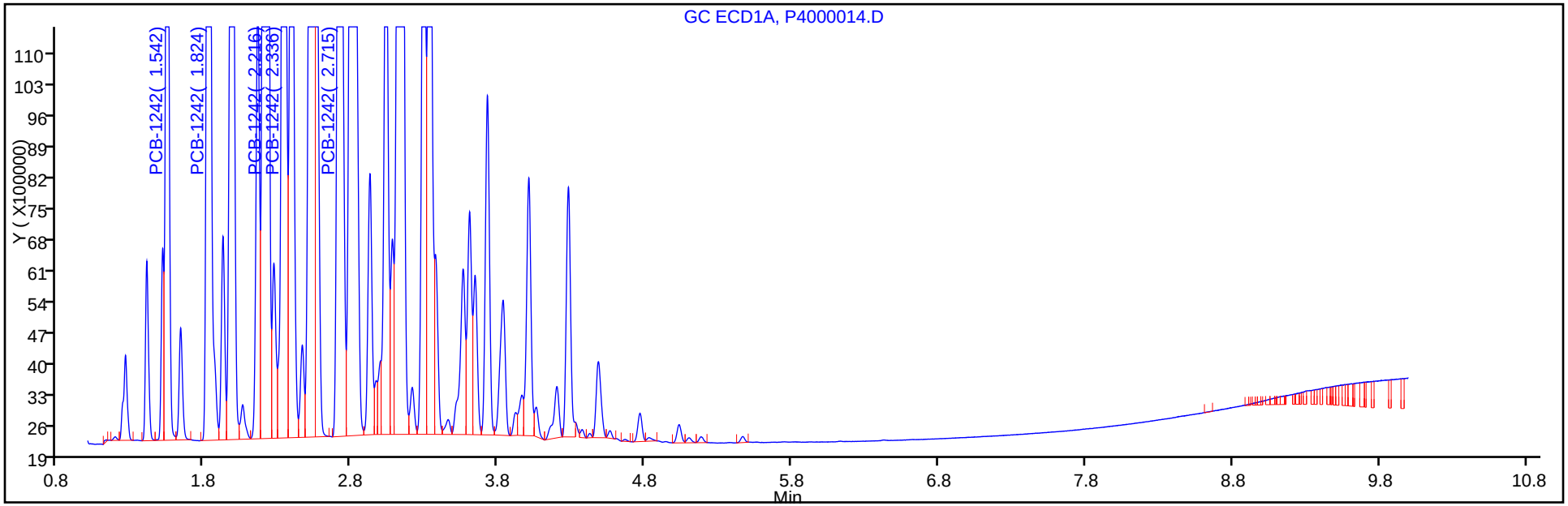
Report Date: 05-Dec-2012 06:34:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

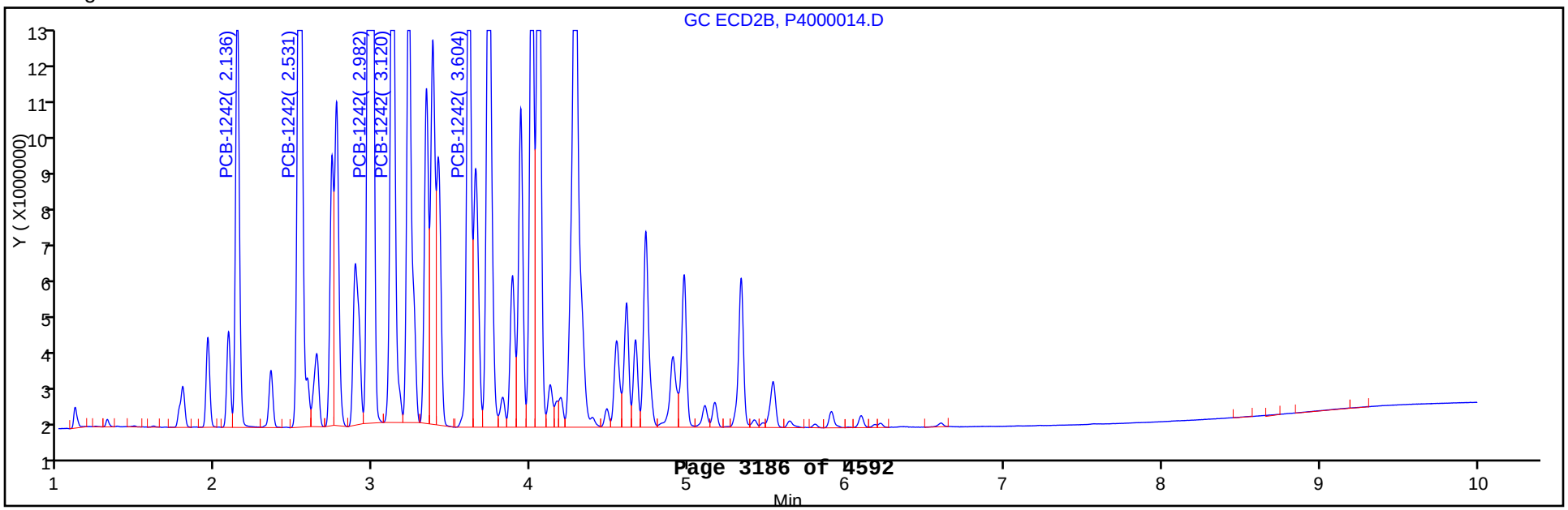
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000014.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

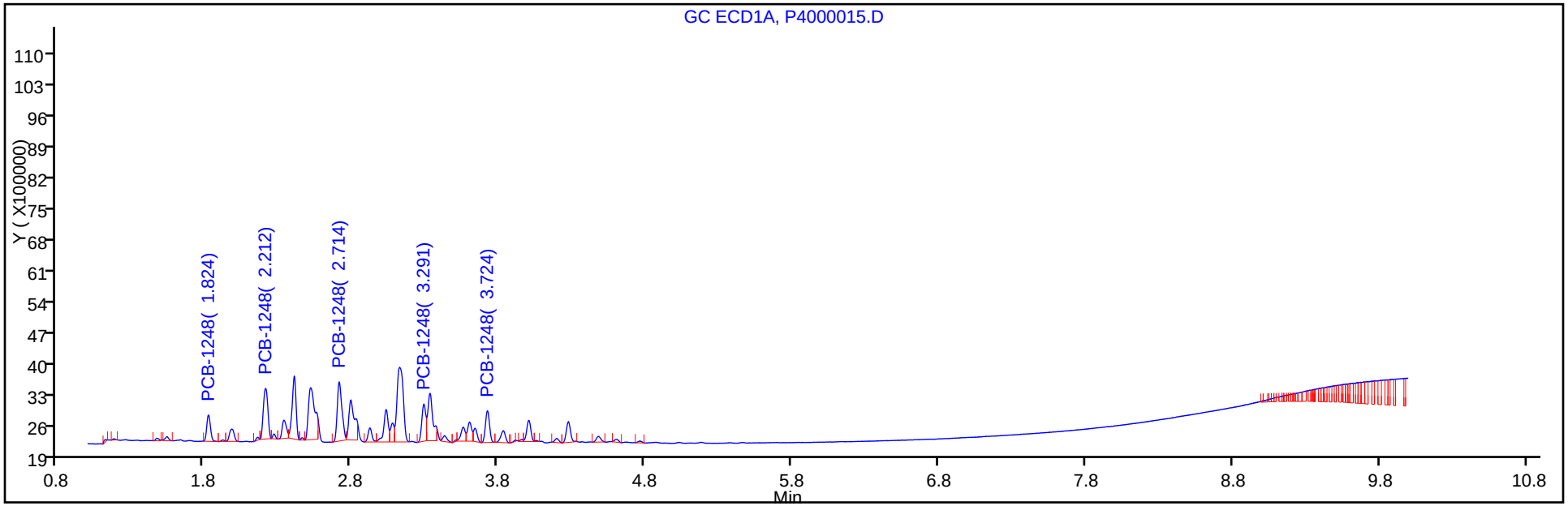
Report Date: 05-Dec-2012 06:34:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

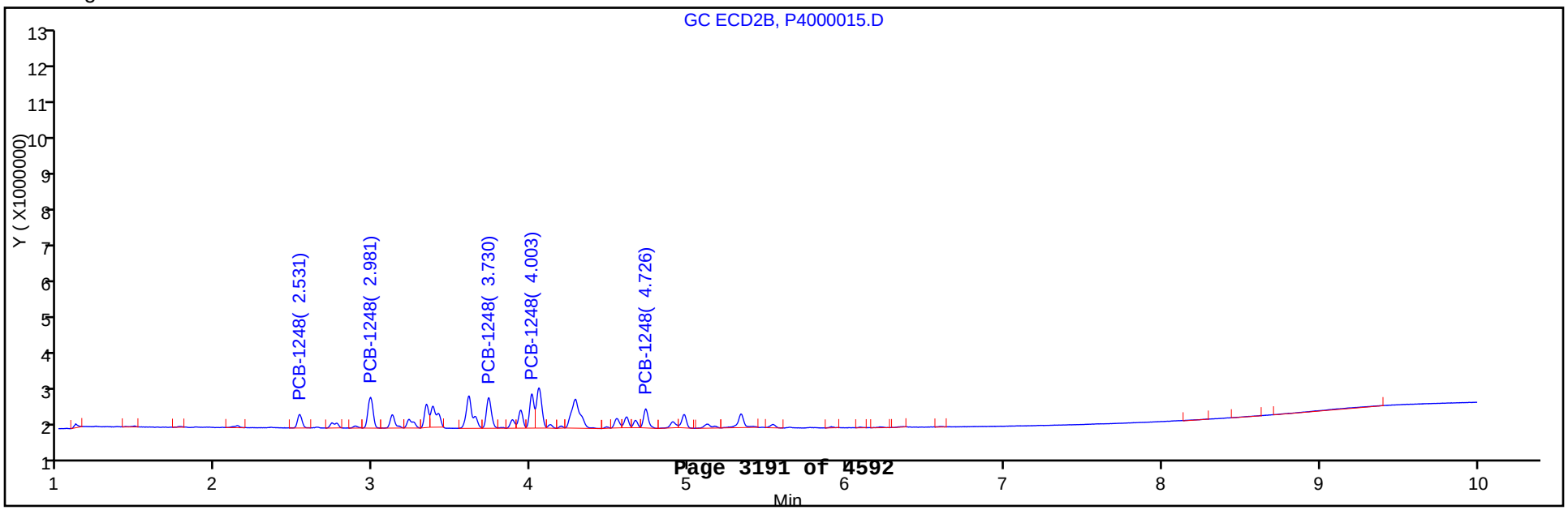
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000015.D

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			

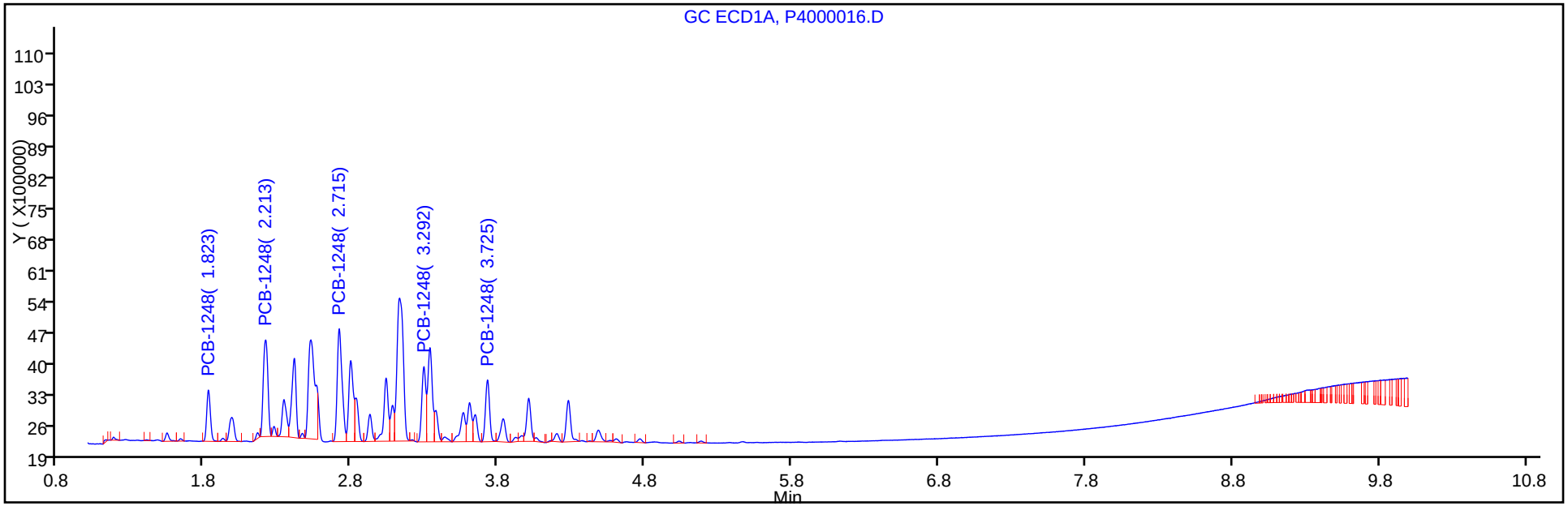
Report Date: 05-Dec-2012 06:34:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

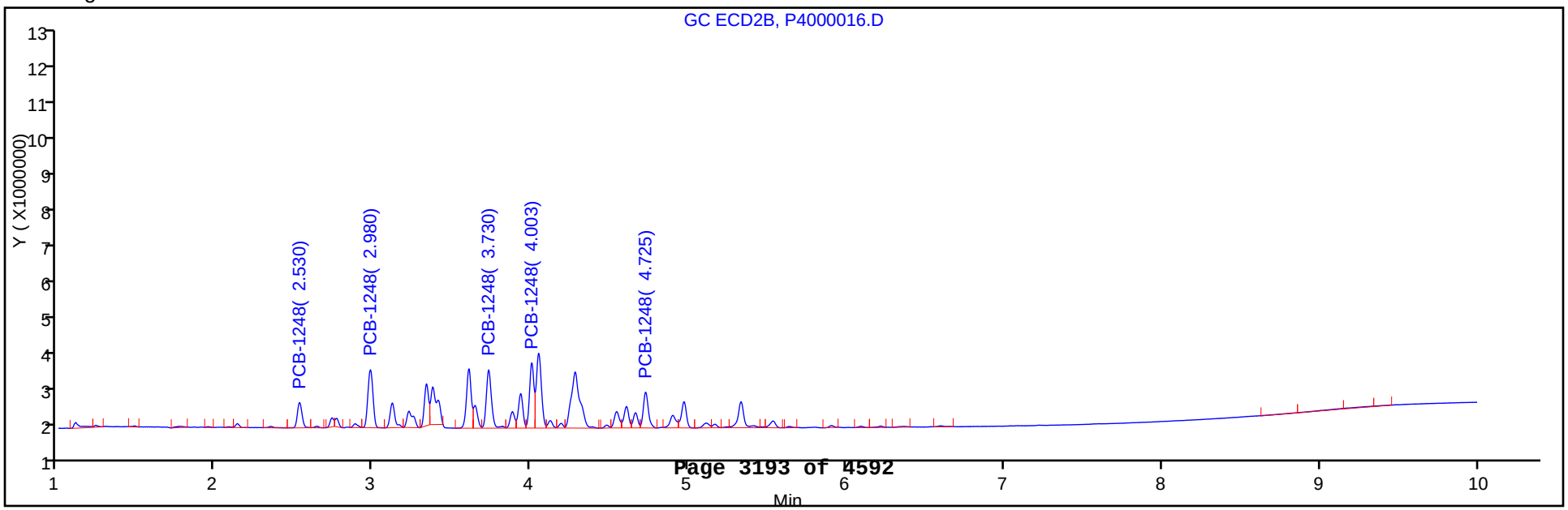
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000016.D

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			

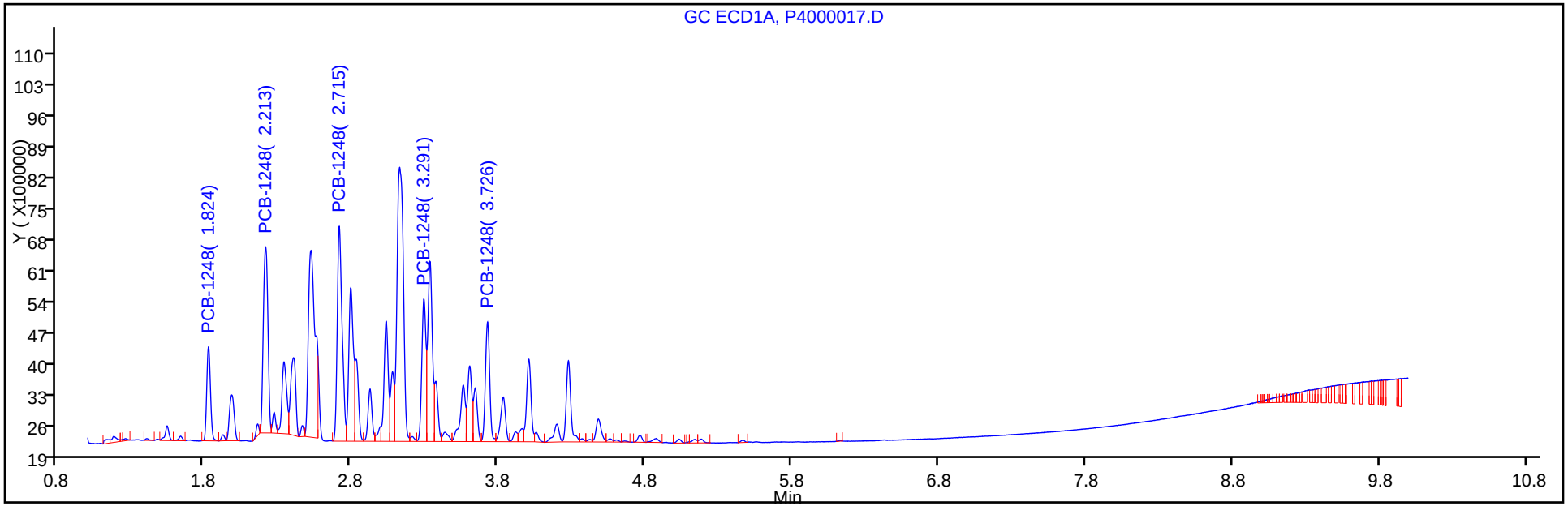
Report Date: 05-Dec-2012 06:34:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

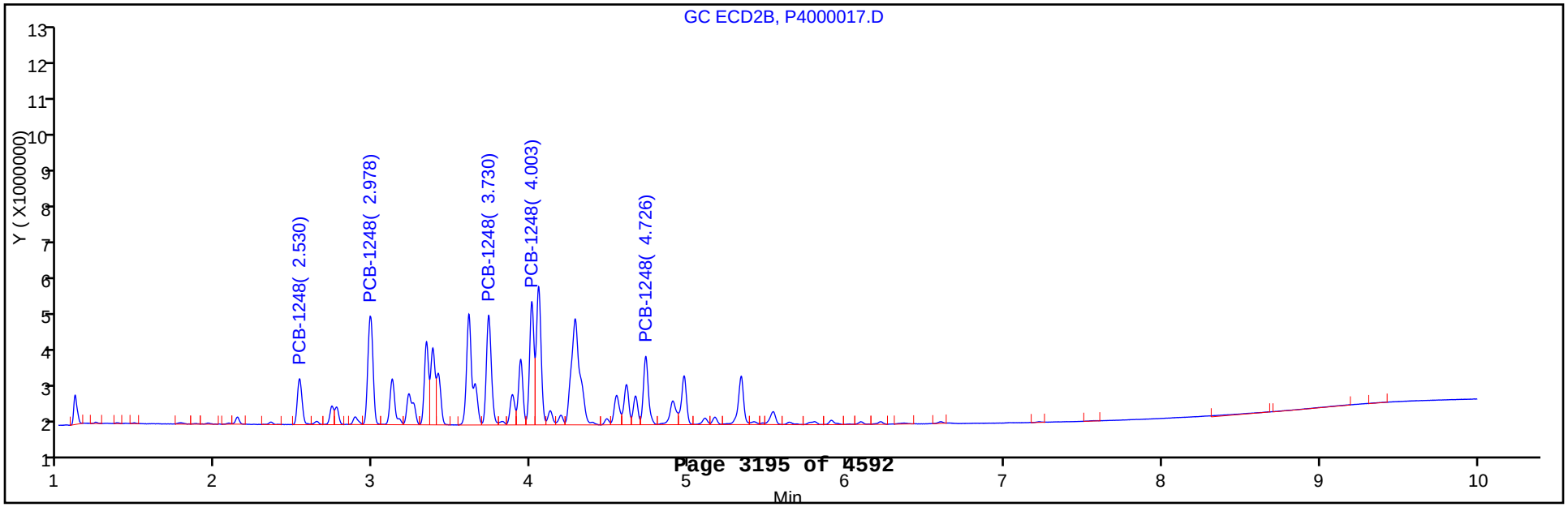
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000017.D

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			

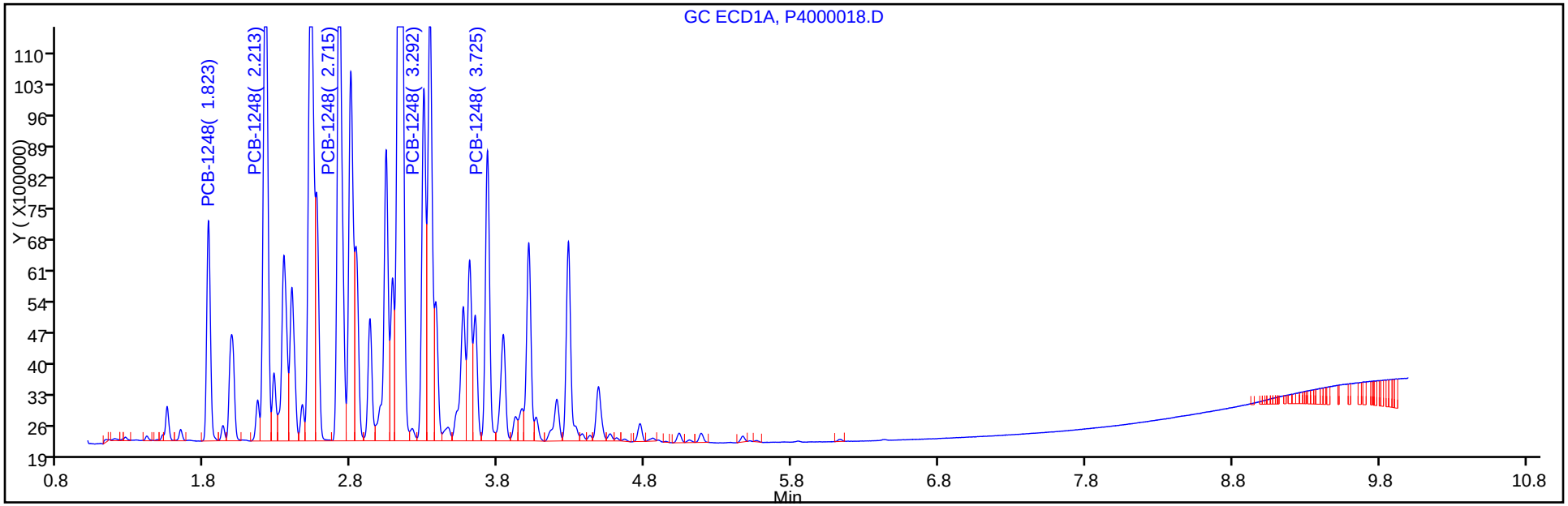
Report Date: 05-Dec-2012 06:34:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

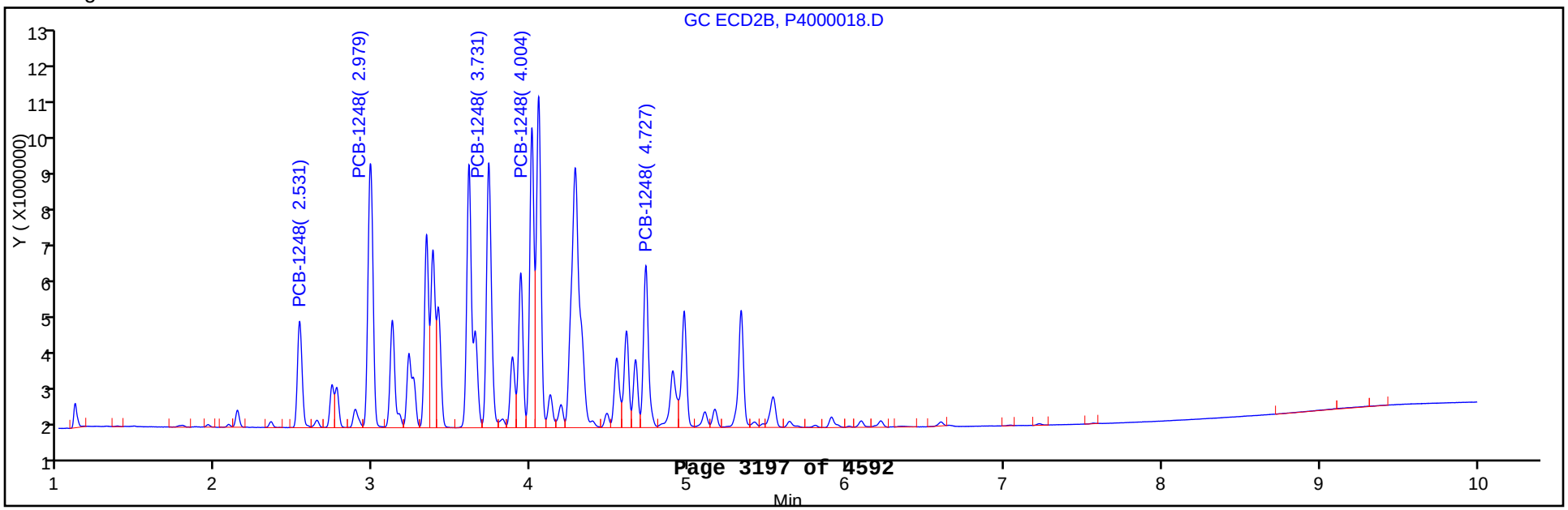
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000018.D

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			

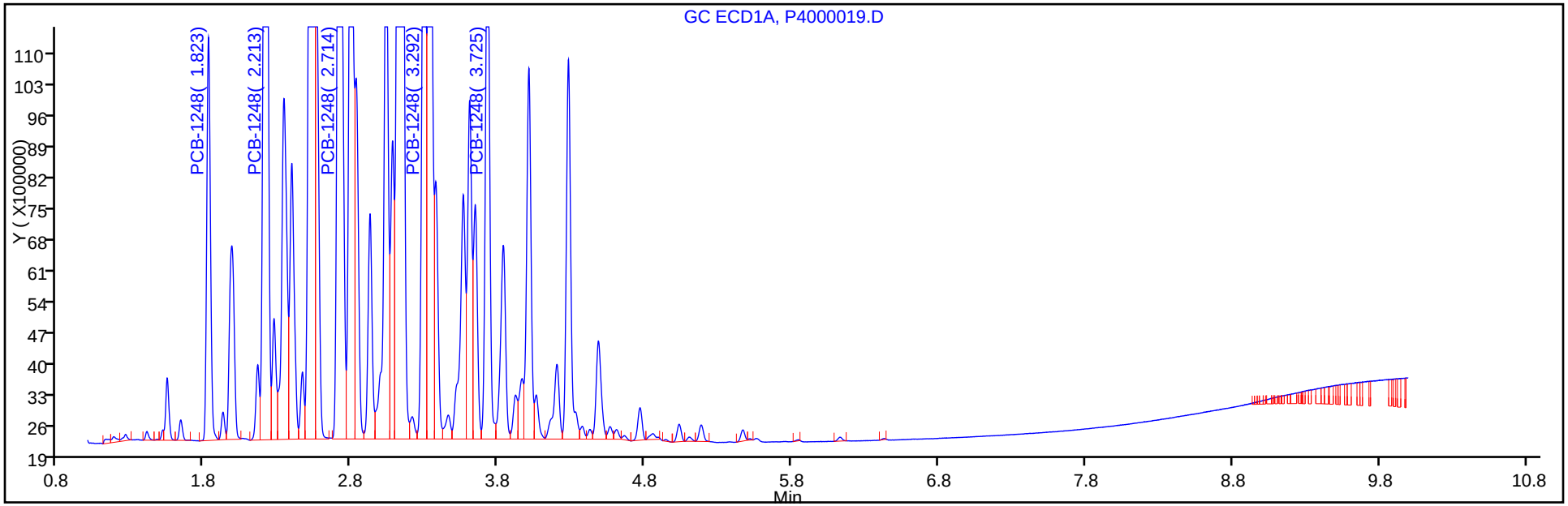
Report Date: 05-Dec-2012 06:34:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

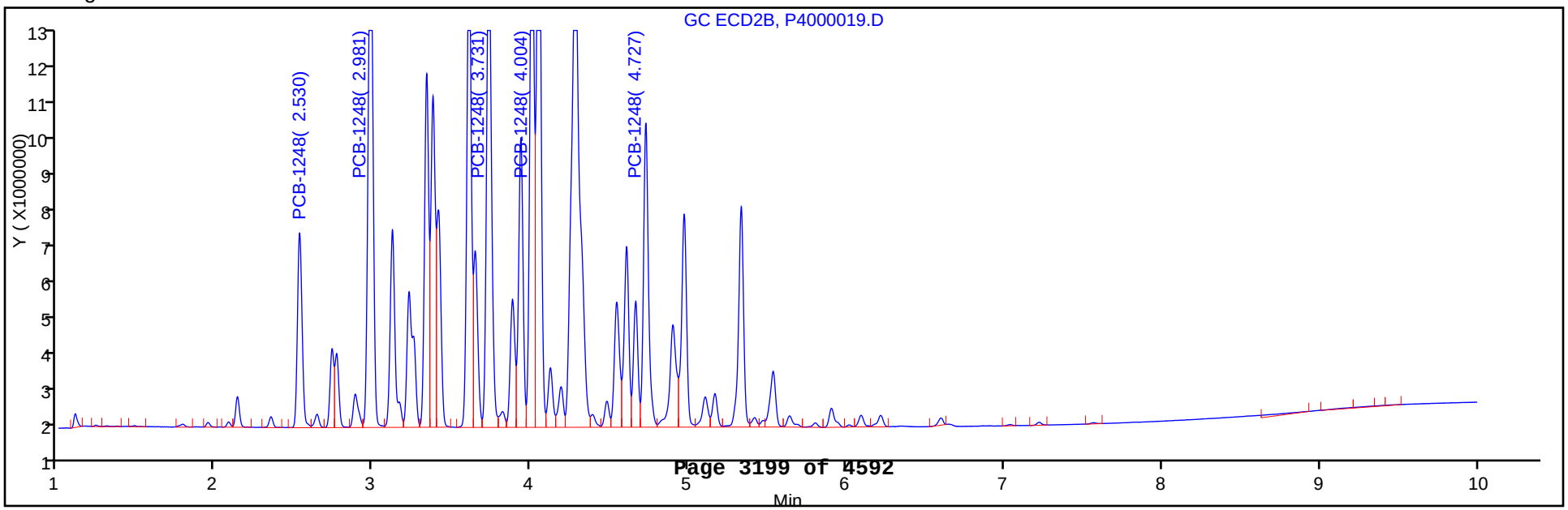
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000019.D

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			

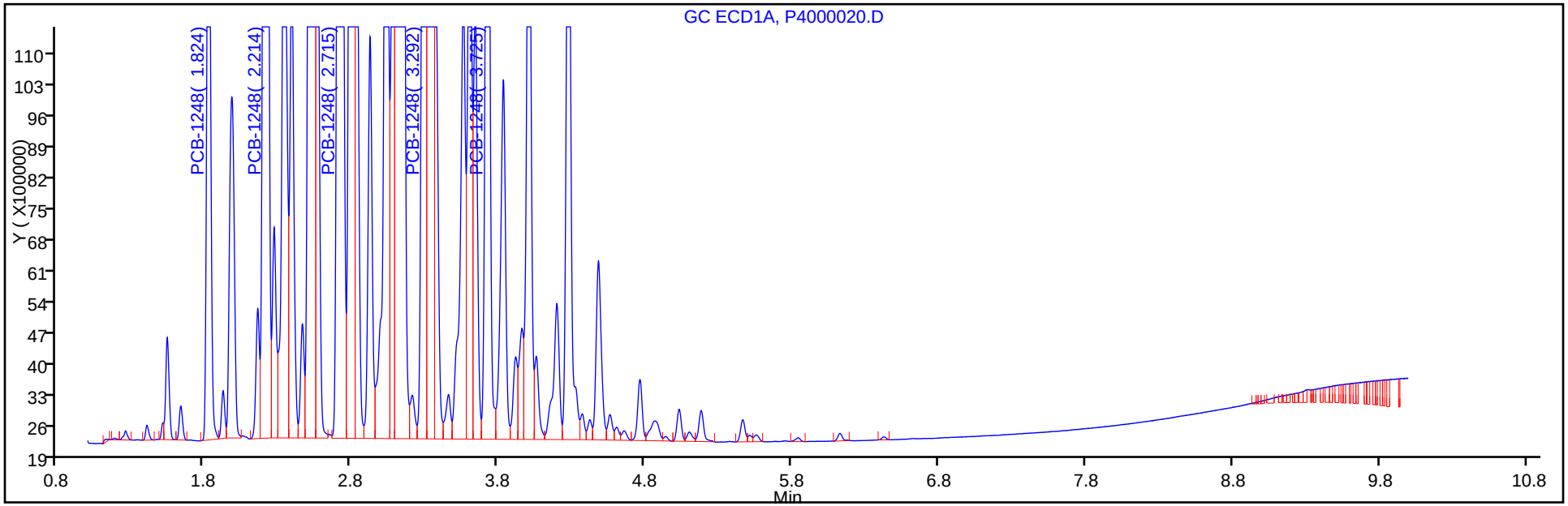
Report Date: 05-Dec-2012 06:34:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

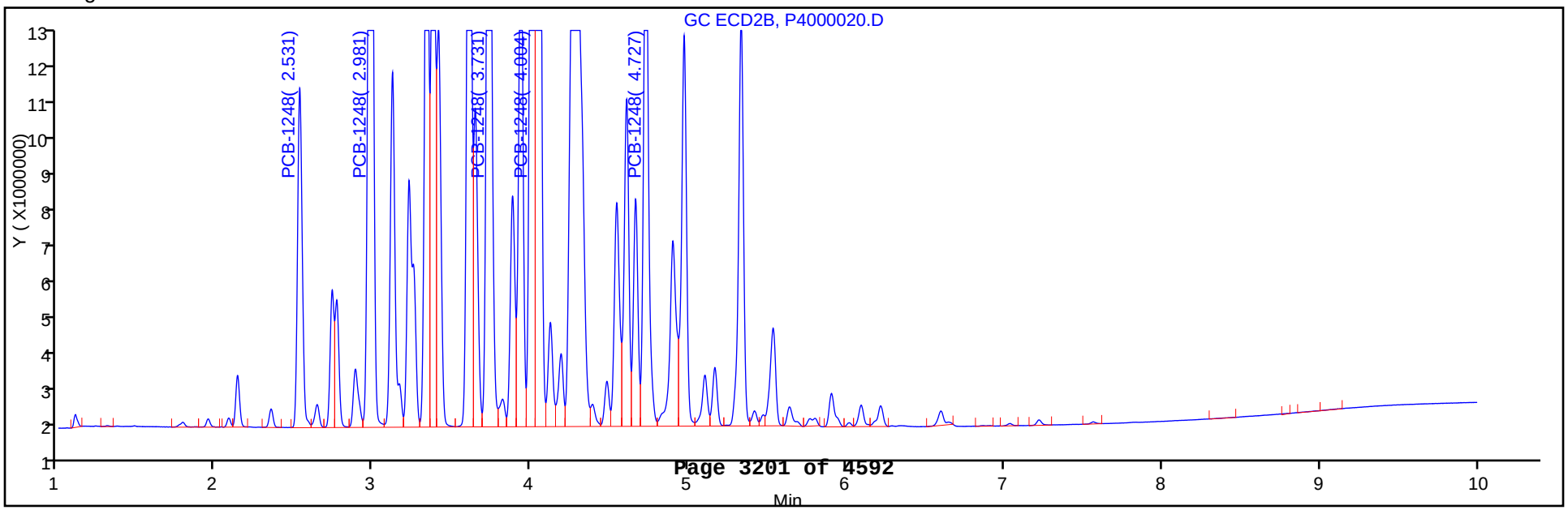
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000020.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

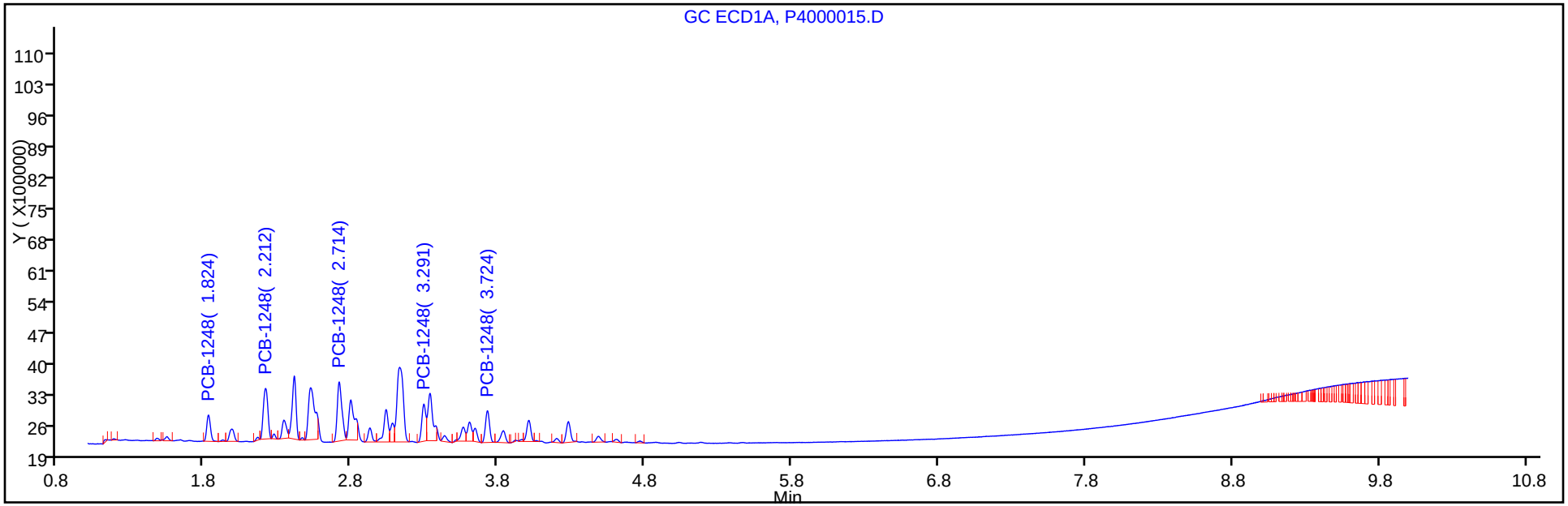
Report Date: 05-Dec-2012 06:34:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

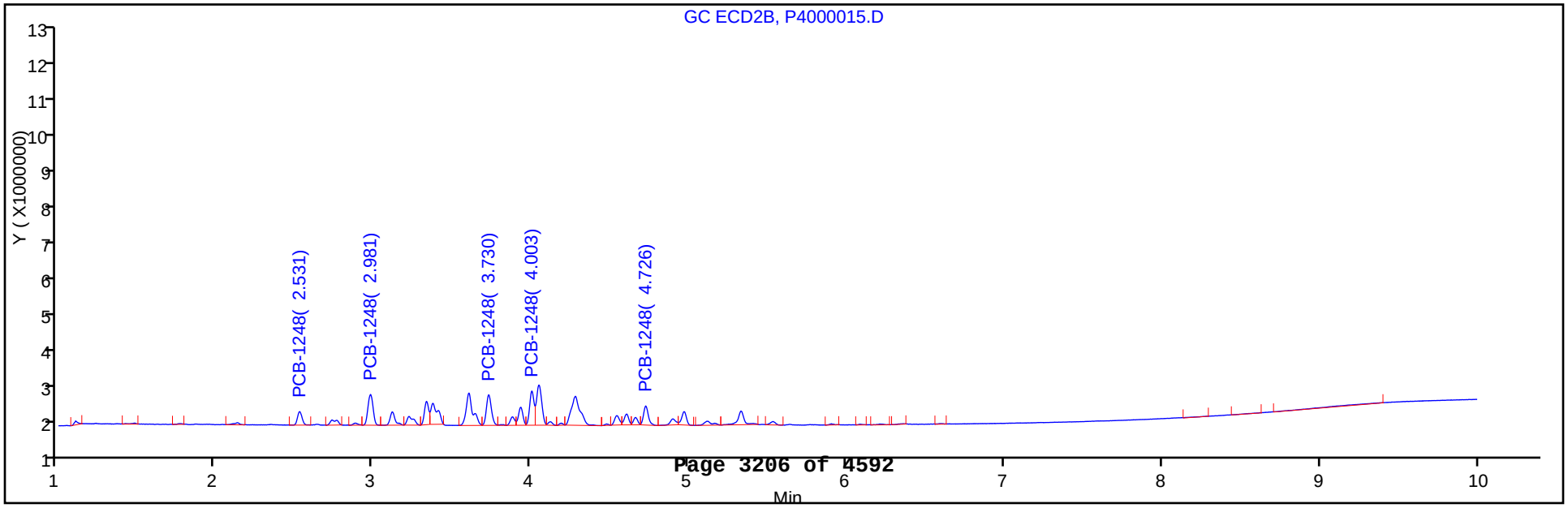
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000015.D

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			

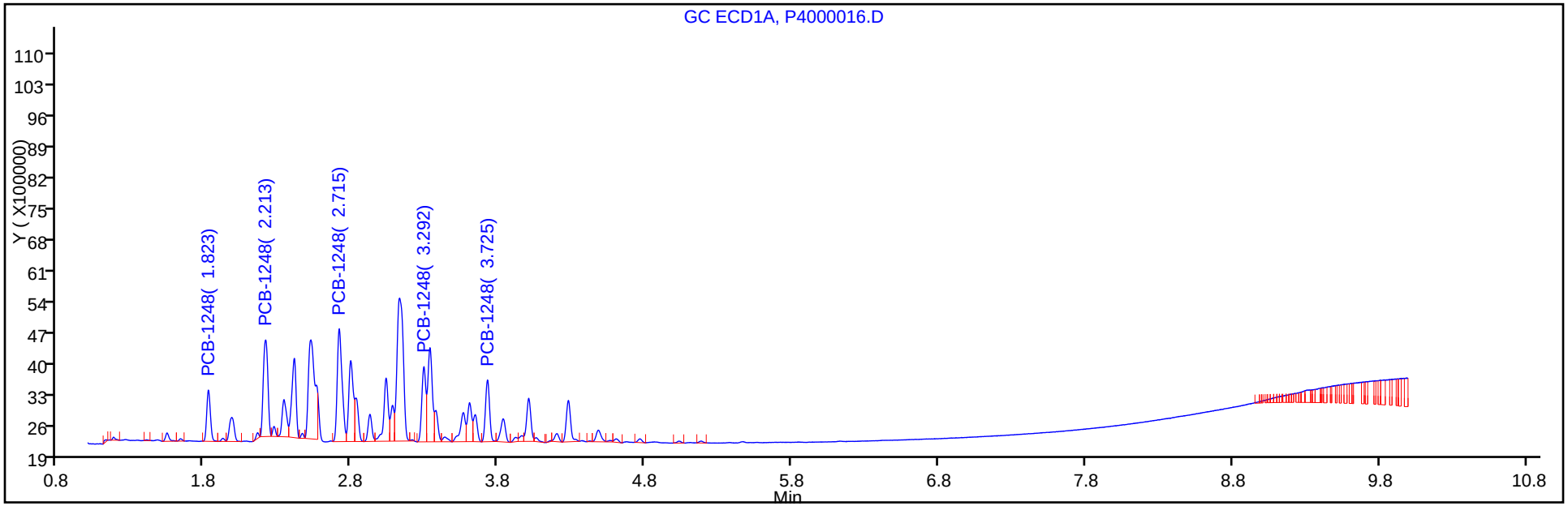
Report Date: 05-Dec-2012 06:34:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

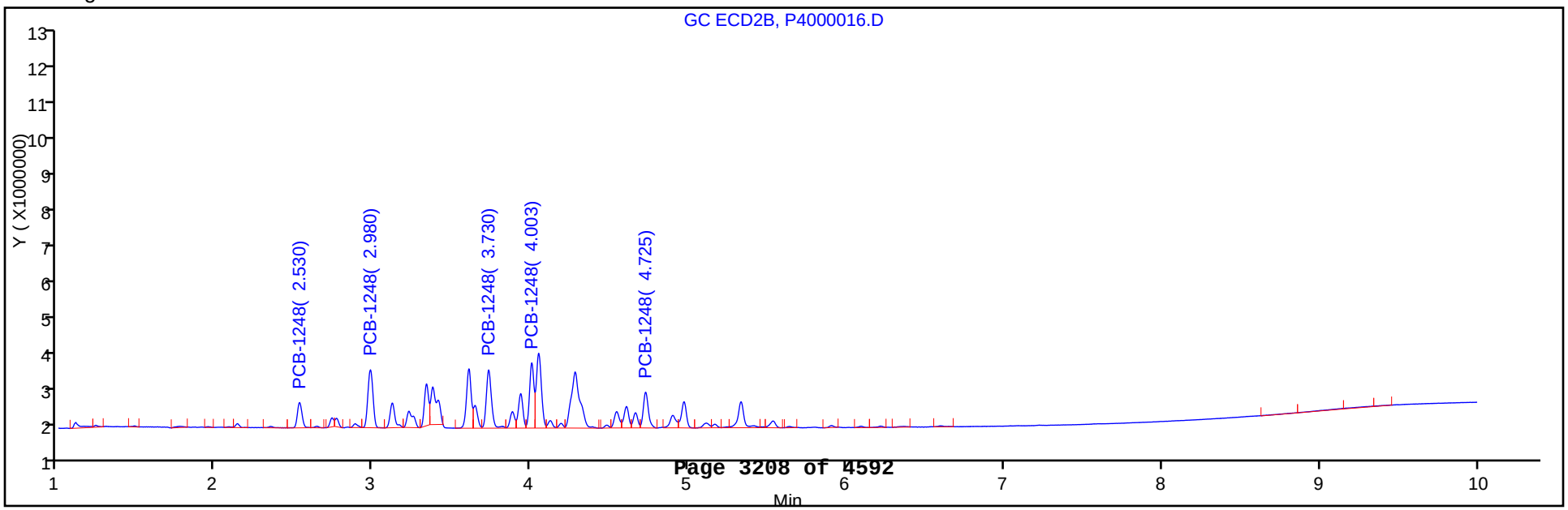
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000016.D

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			

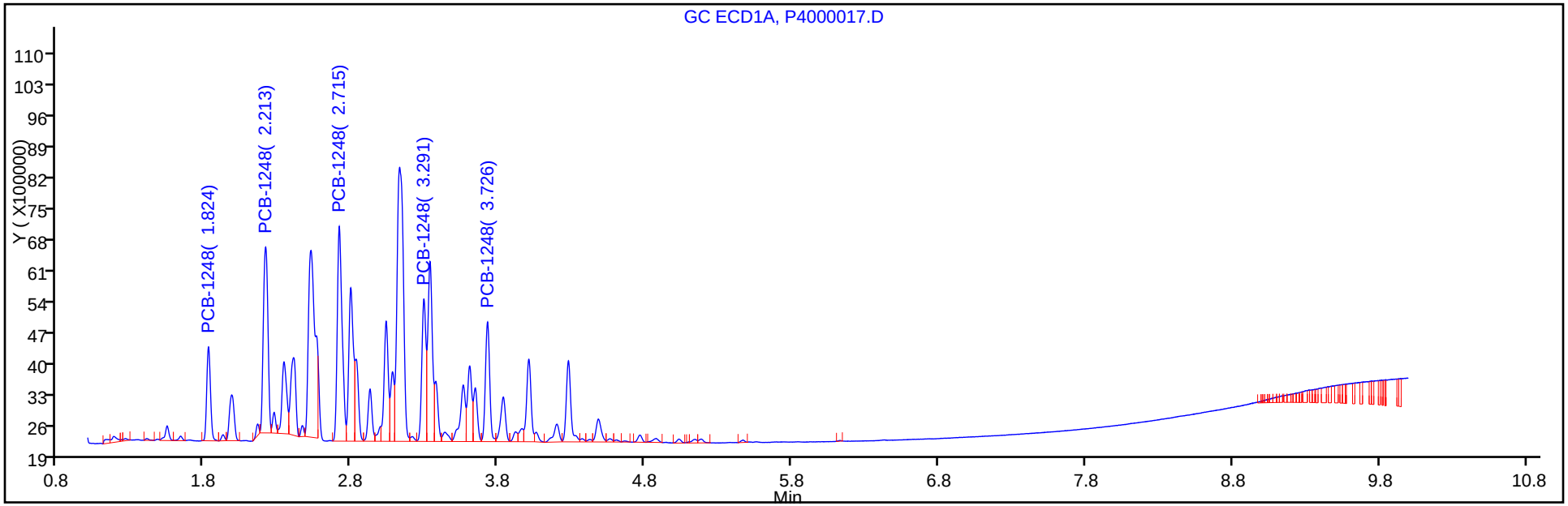
Report Date: 05-Dec-2012 06:34:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

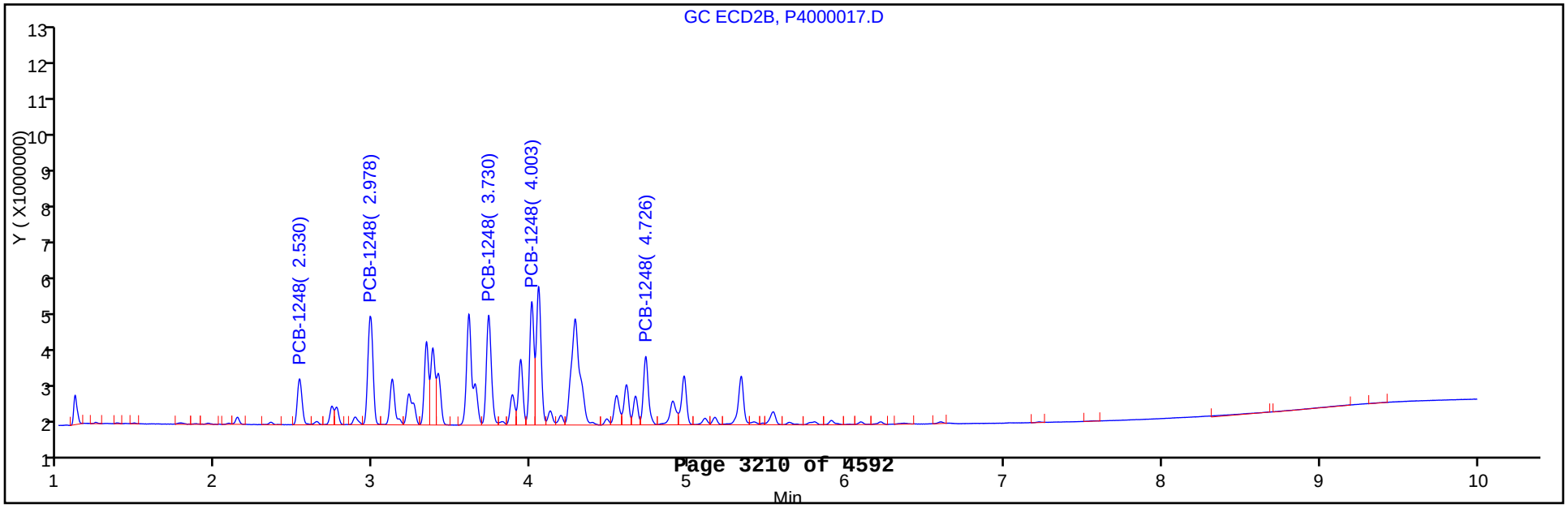
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000017.D

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			

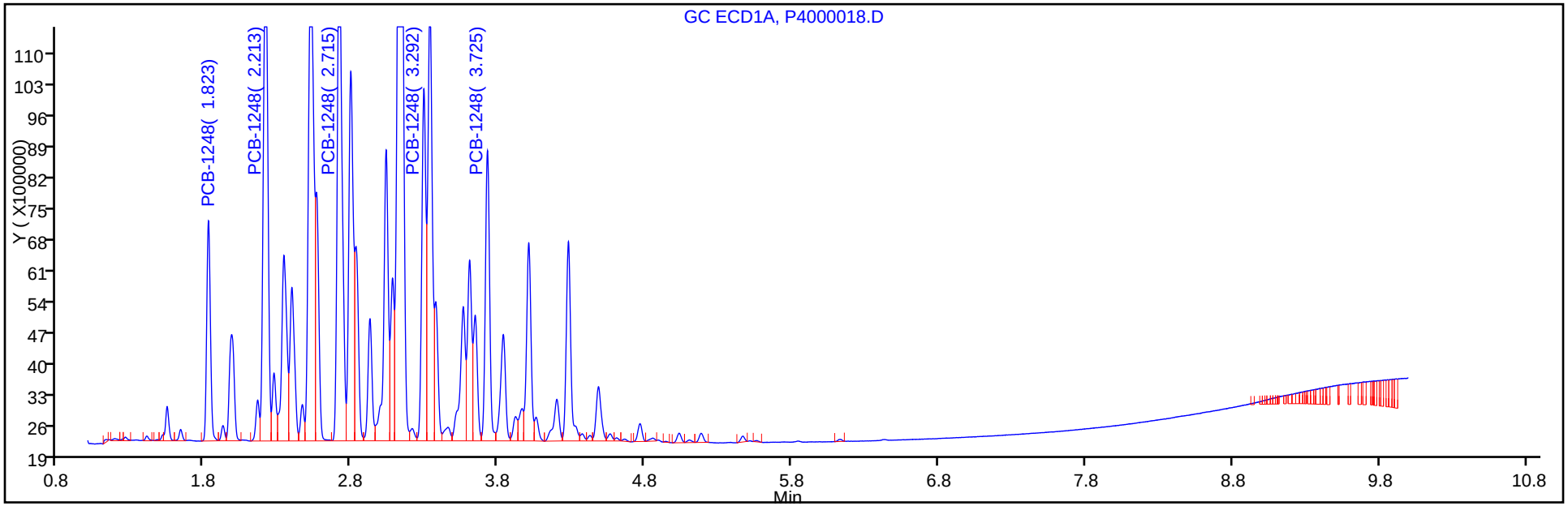
Report Date: 05-Dec-2012 06:34:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

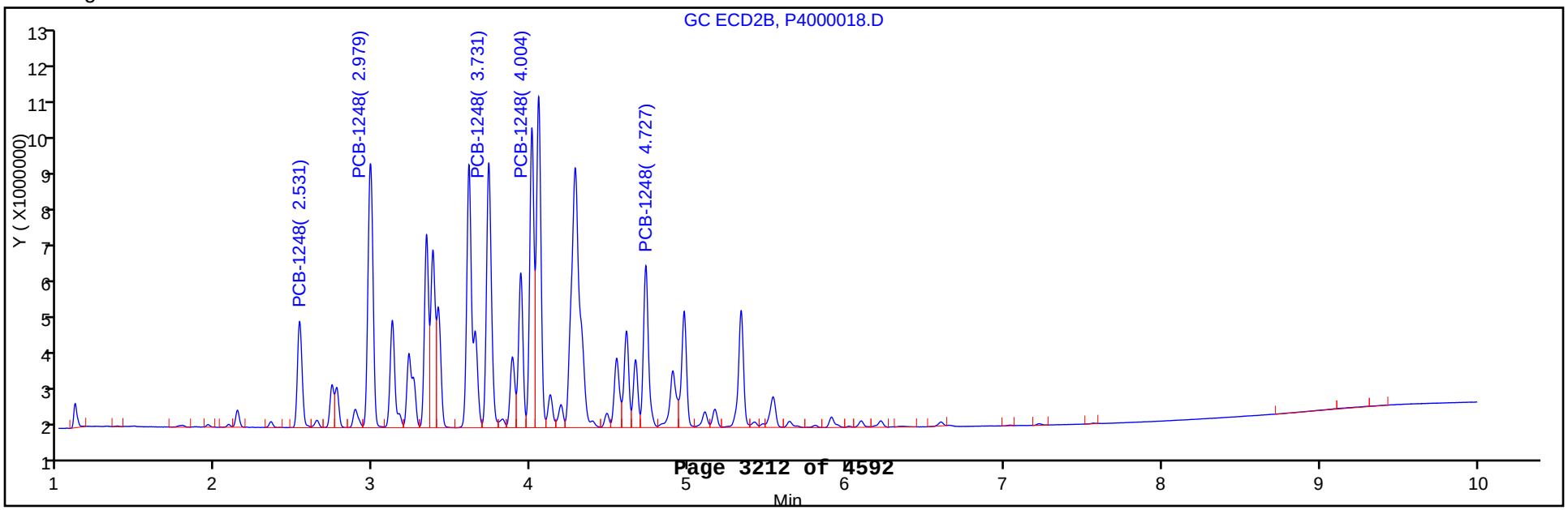
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000018.D

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			

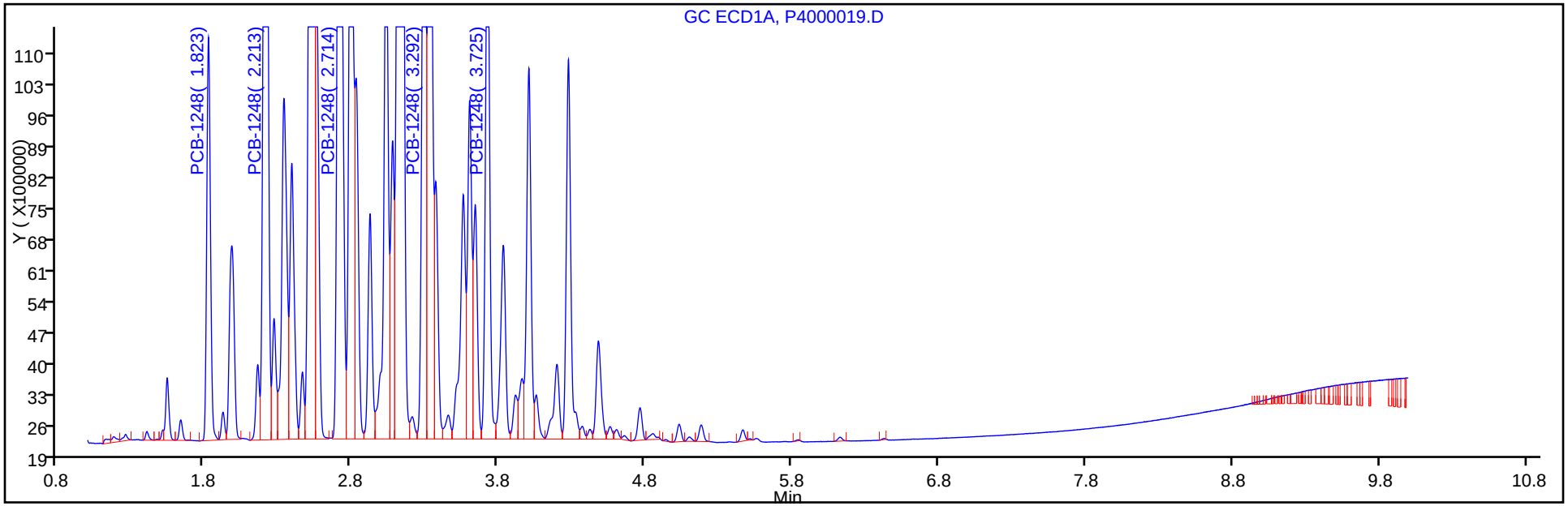
Report Date: 05-Dec-2012 06:34:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

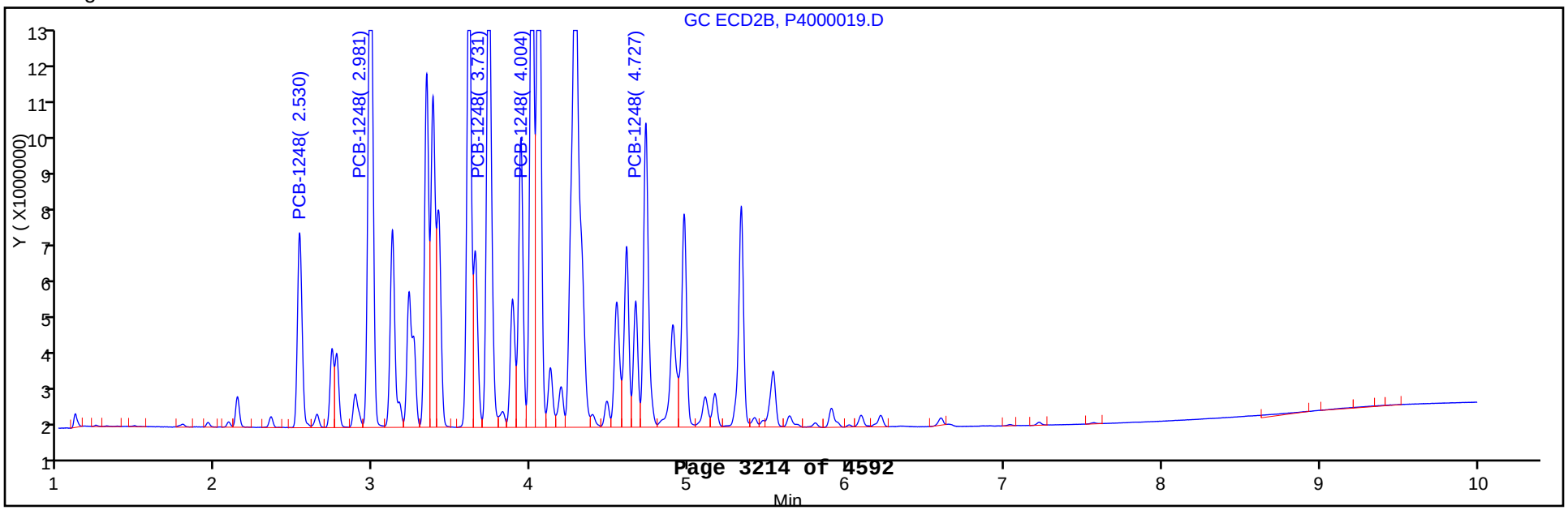
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000019.D

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			

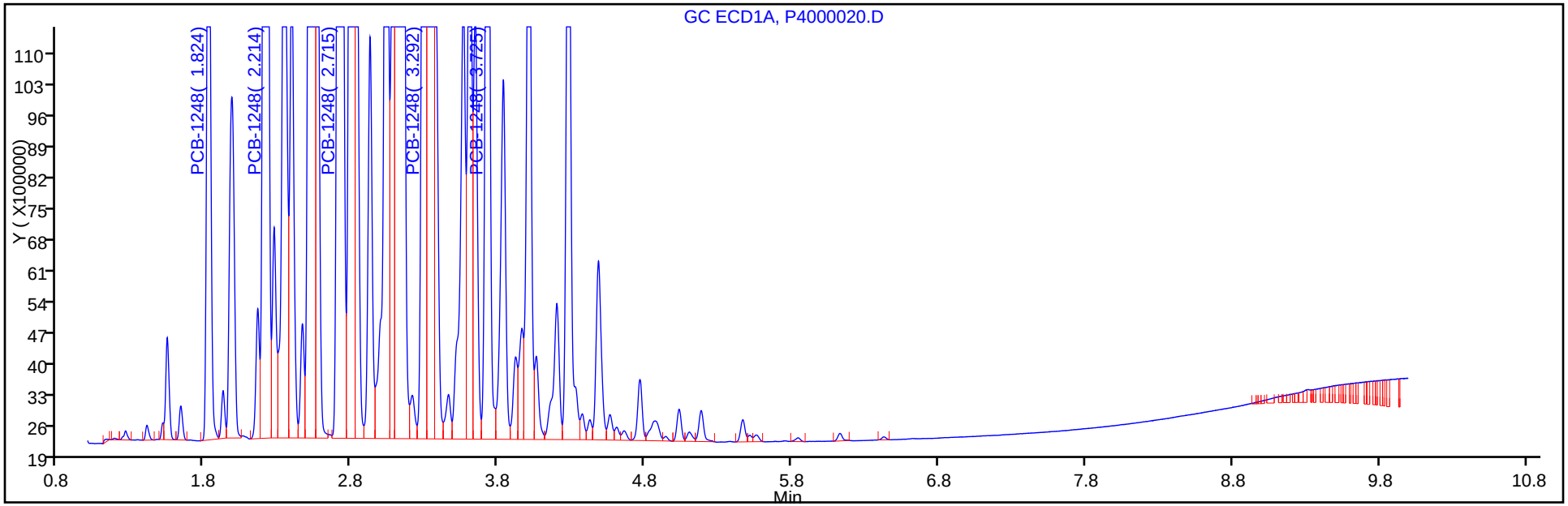
Report Date: 05-Dec-2012 06:34:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

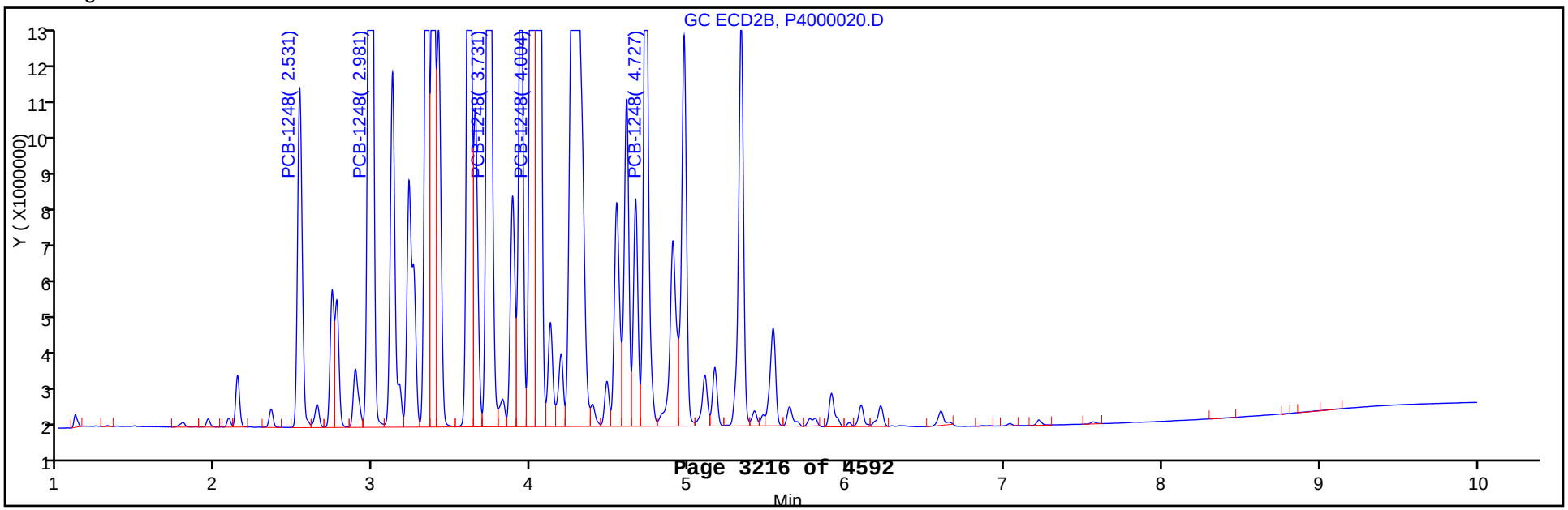
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000020.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

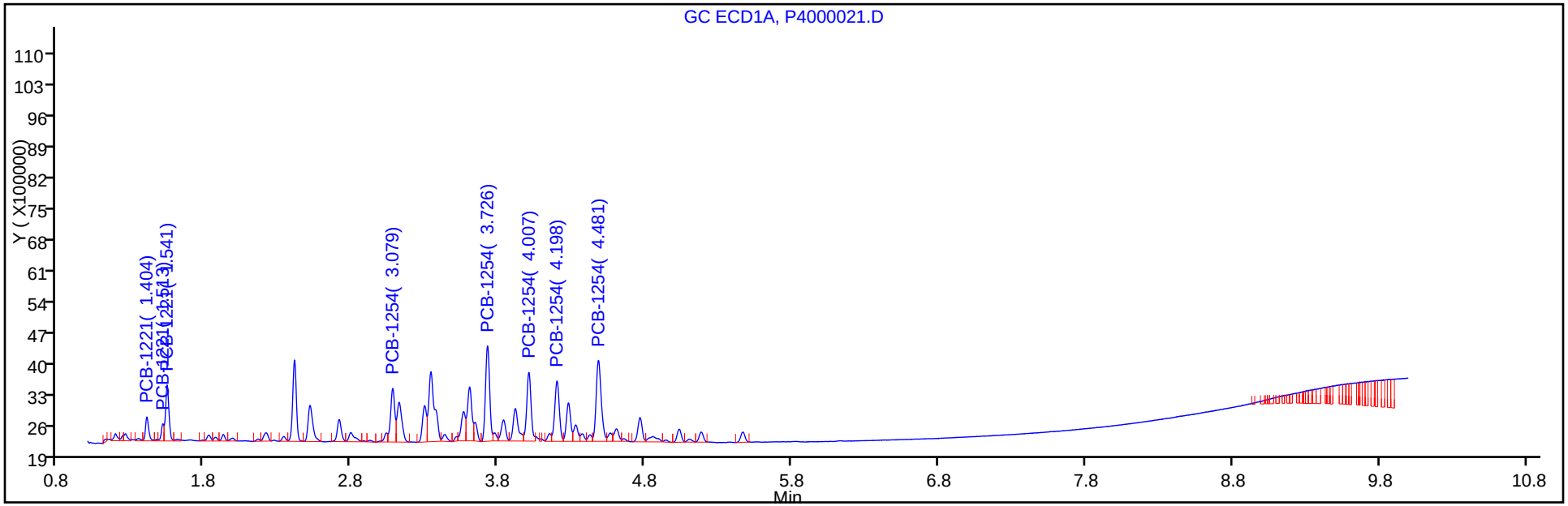
Report Date: 05-Dec-2012 06:34:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

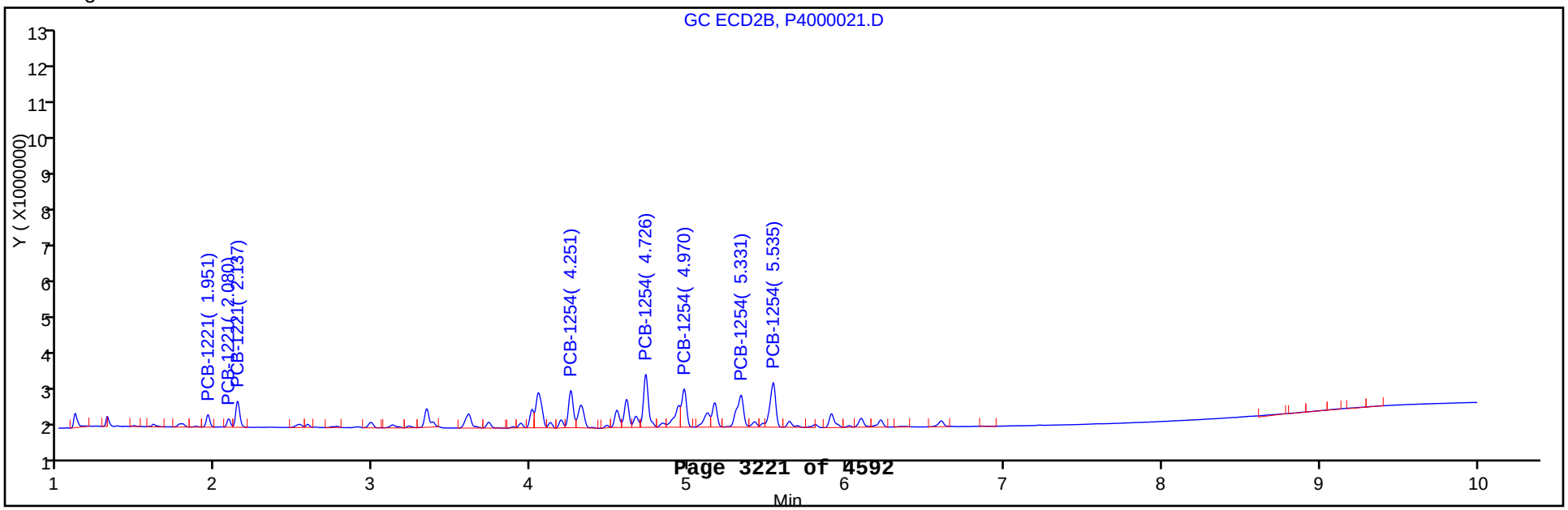
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000021.D

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			

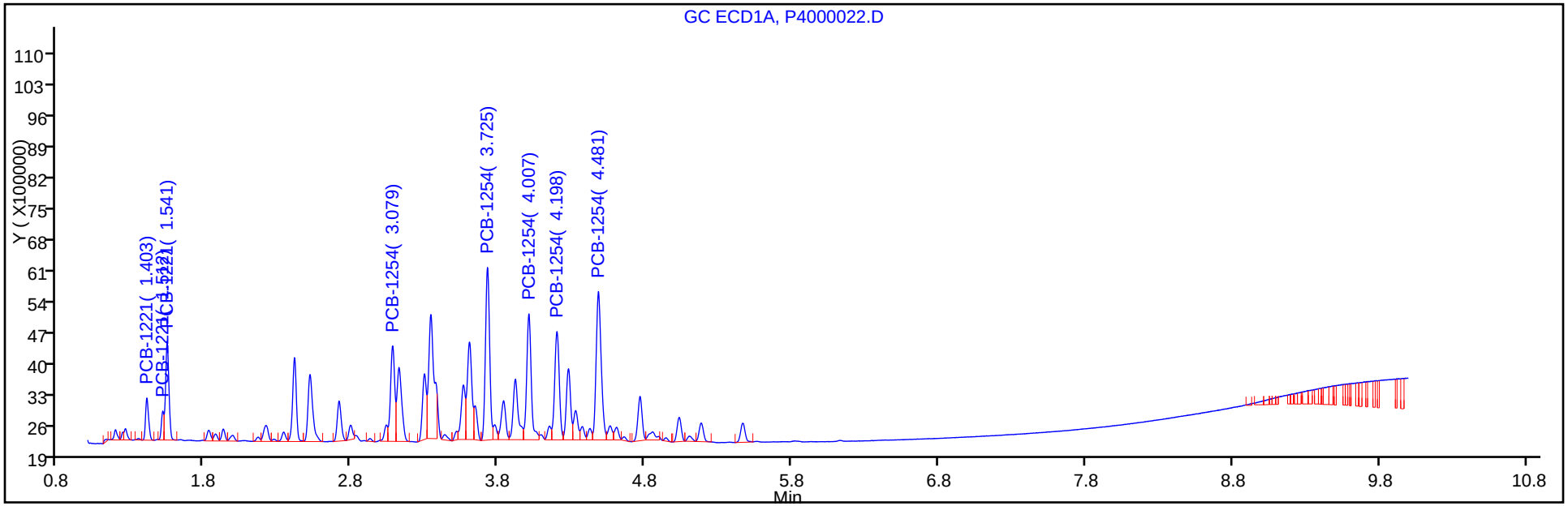
Report Date: 05-Dec-2012 06:34:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

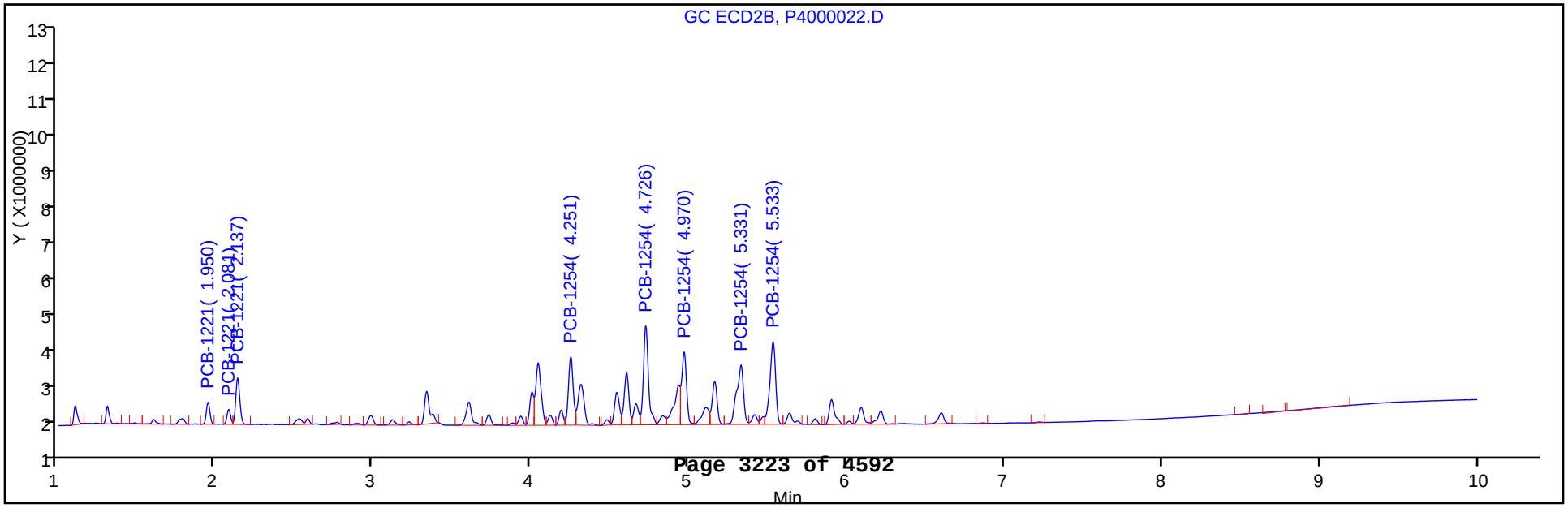
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000022.D

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			

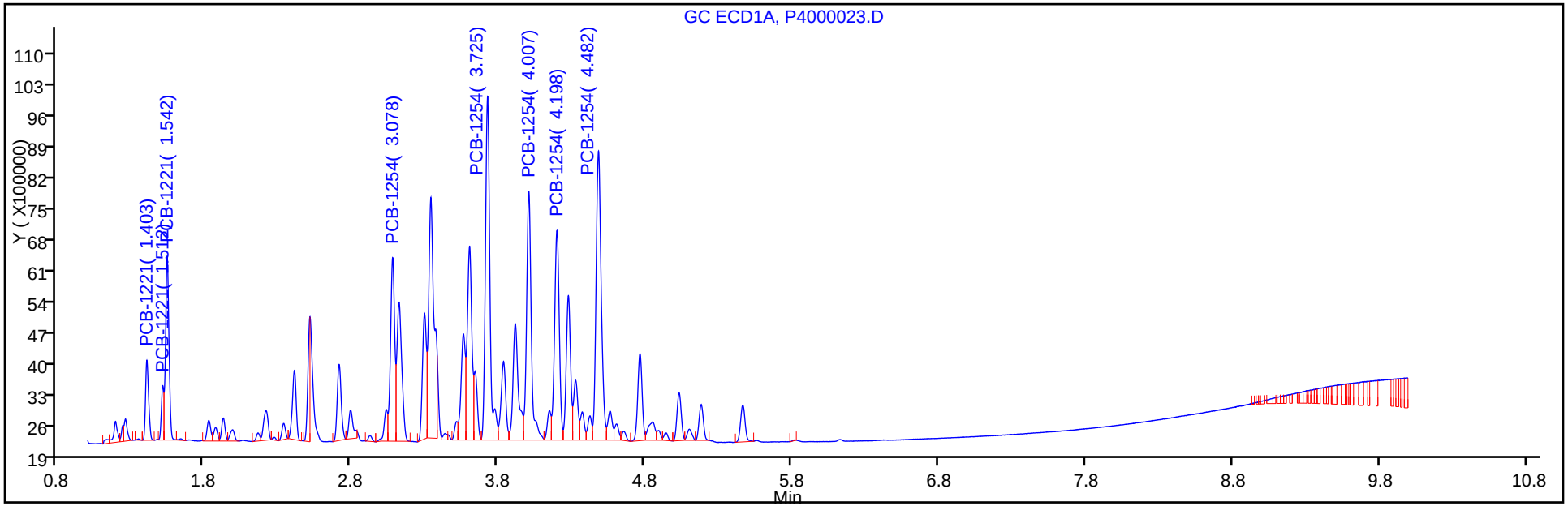
Report Date: 05-Dec-2012 06:34:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

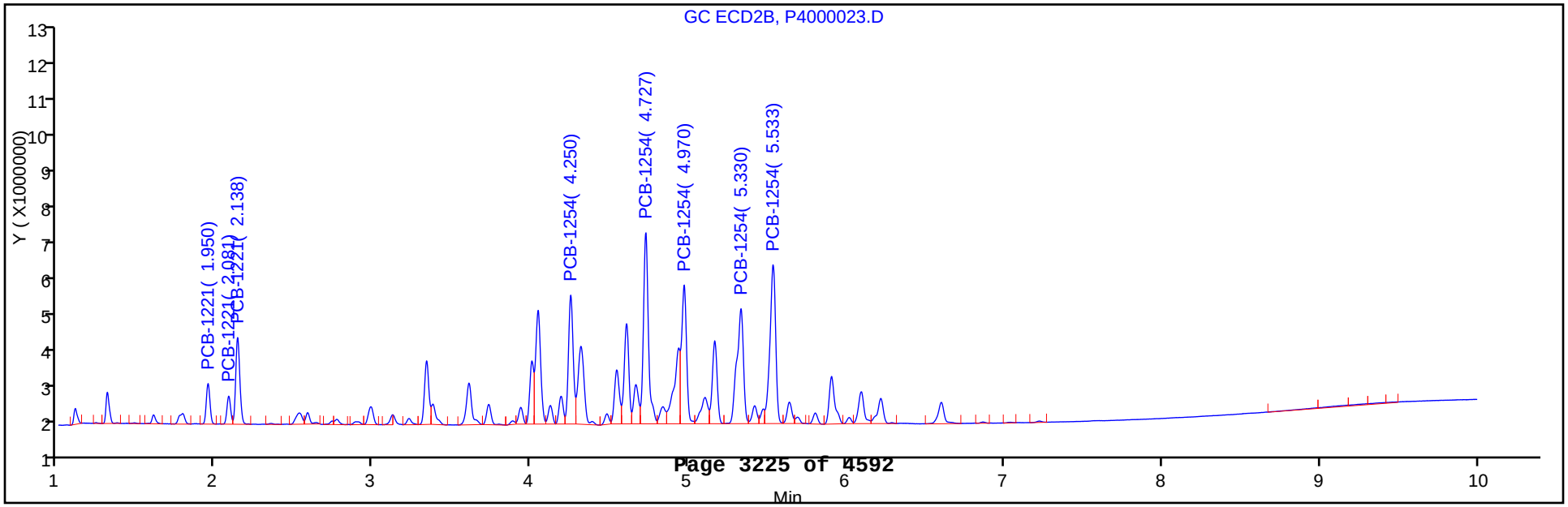
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000023.D

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			

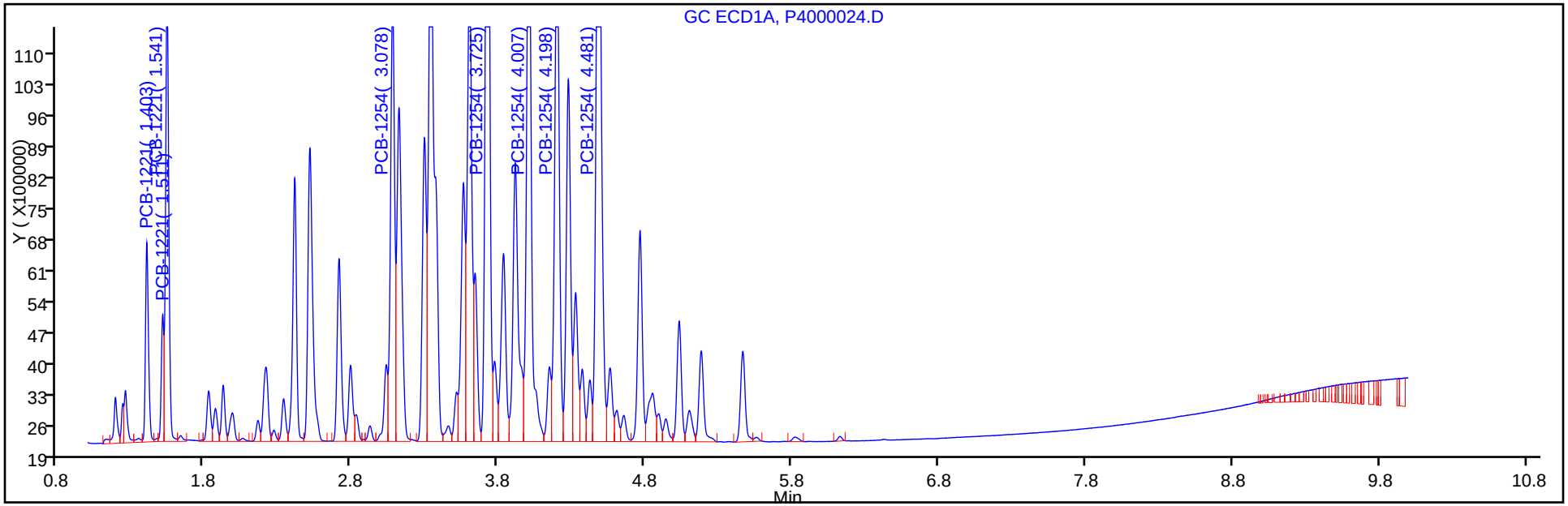
Report Date: 05-Dec-2012 06:33:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

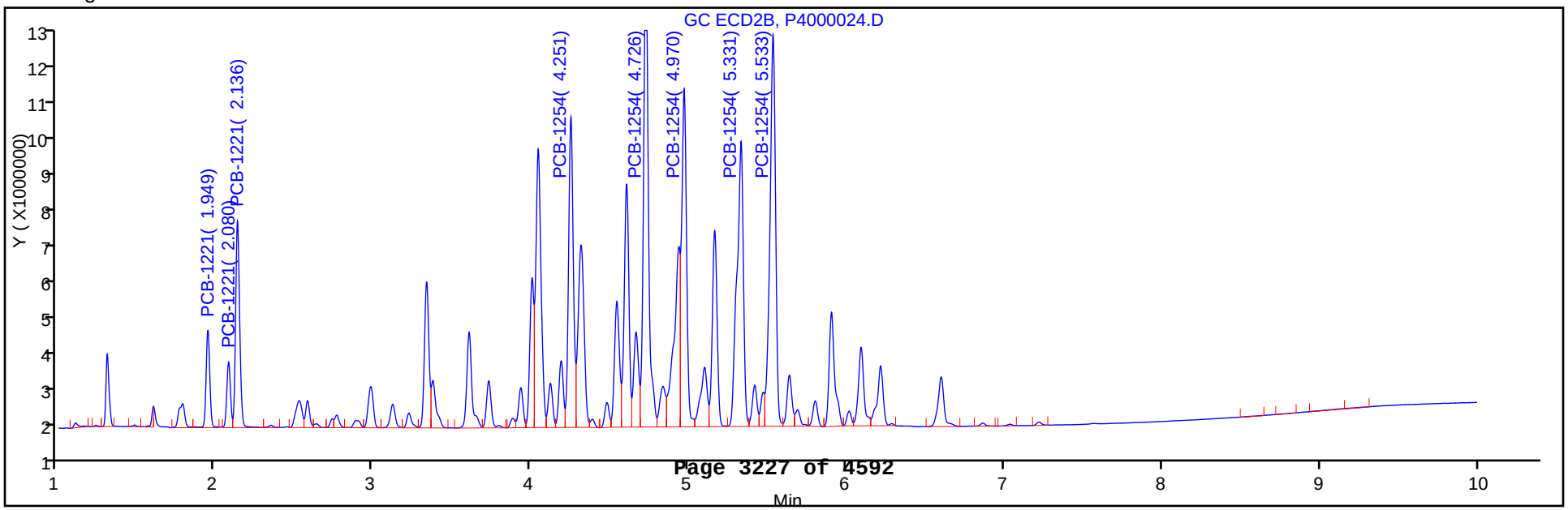
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000024.D

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			

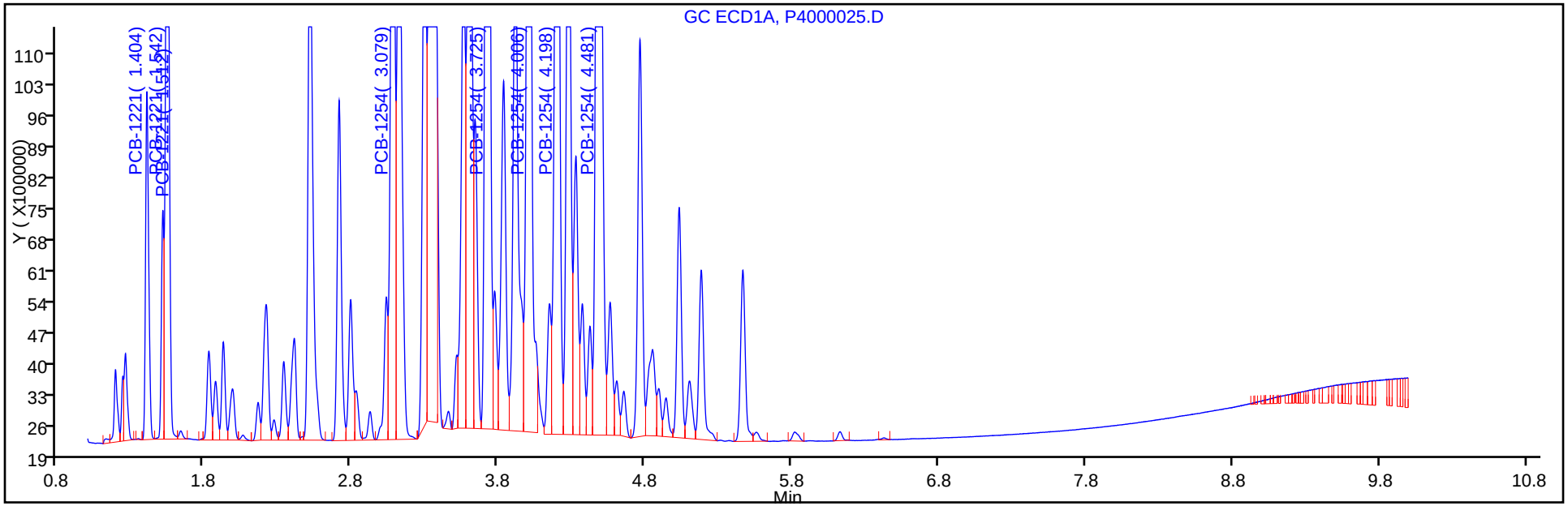
Report Date: 05-Dec-2012 06:33:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

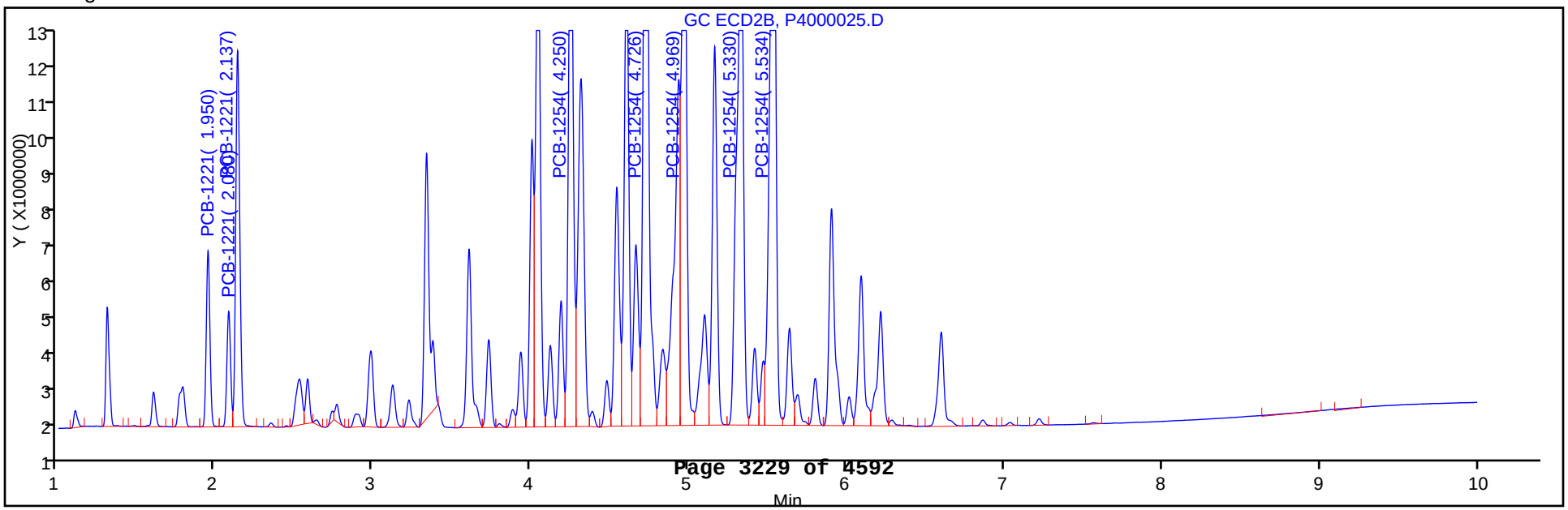
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000025.D

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			

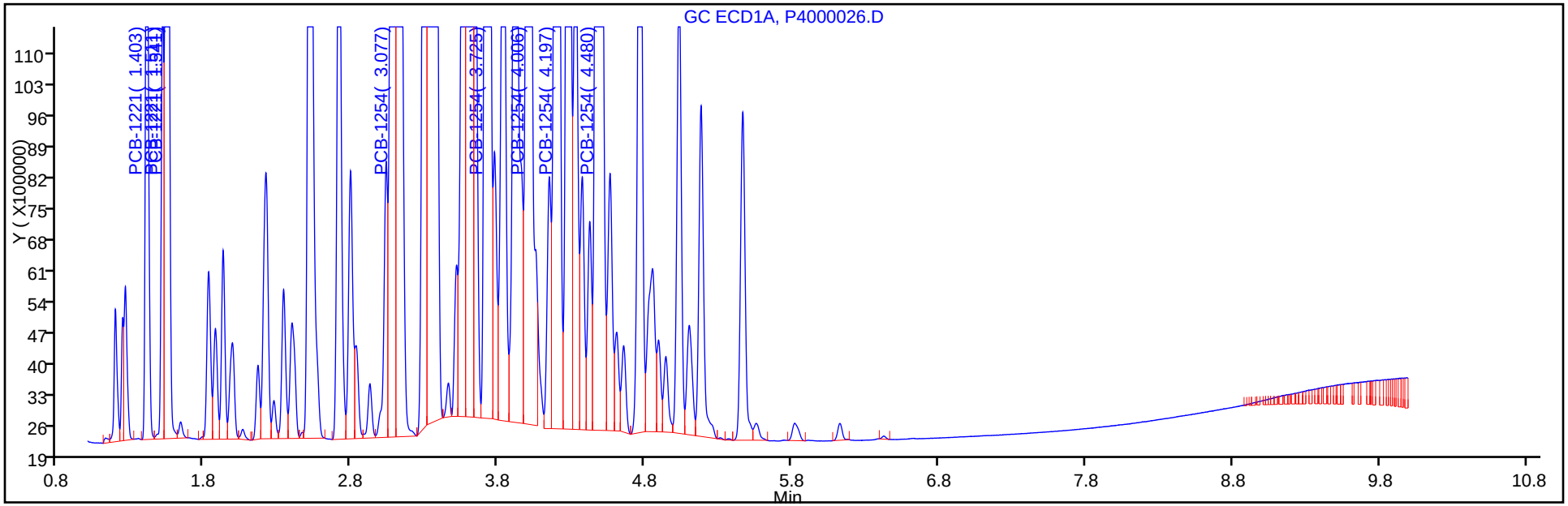
Report Date: 05-Dec-2012 06:33:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

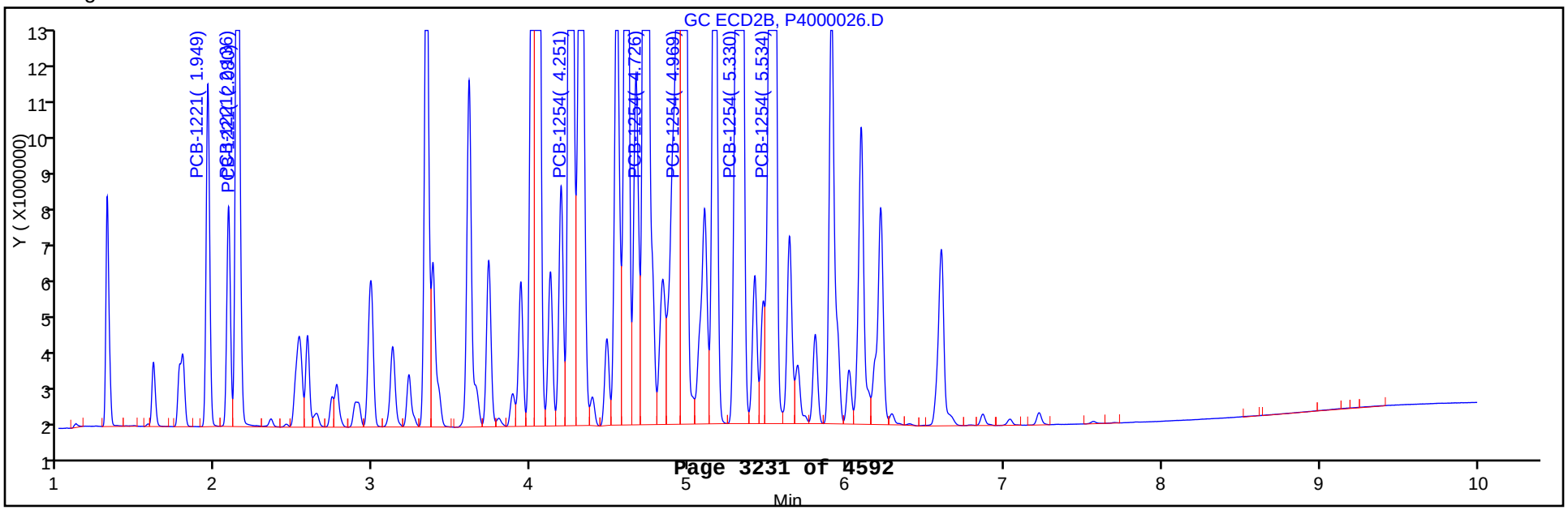
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000026.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

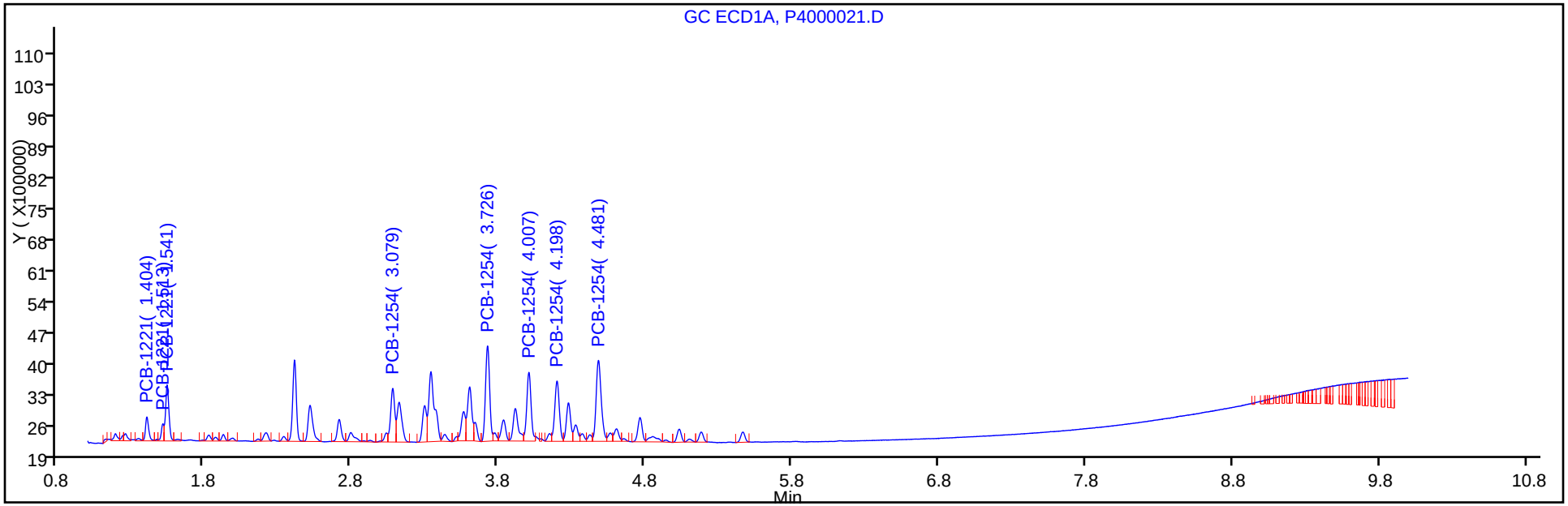
Report Date: 05-Dec-2012 06:34:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

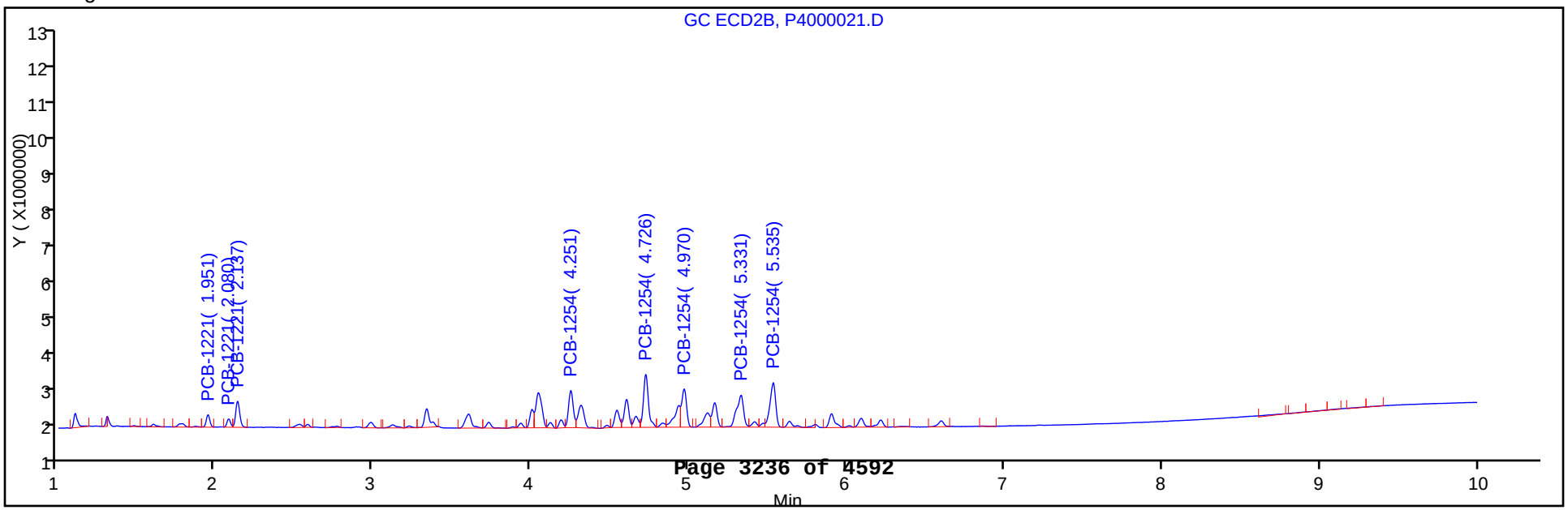
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000021.D

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			

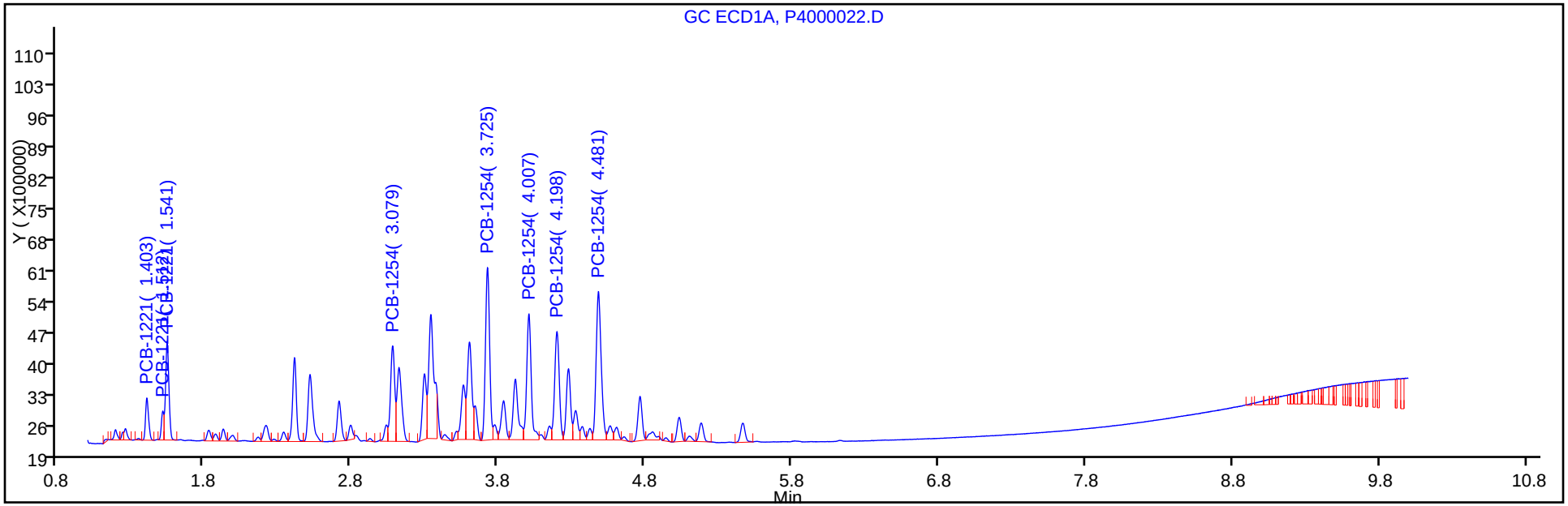
Report Date: 05-Dec-2012 06:34:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

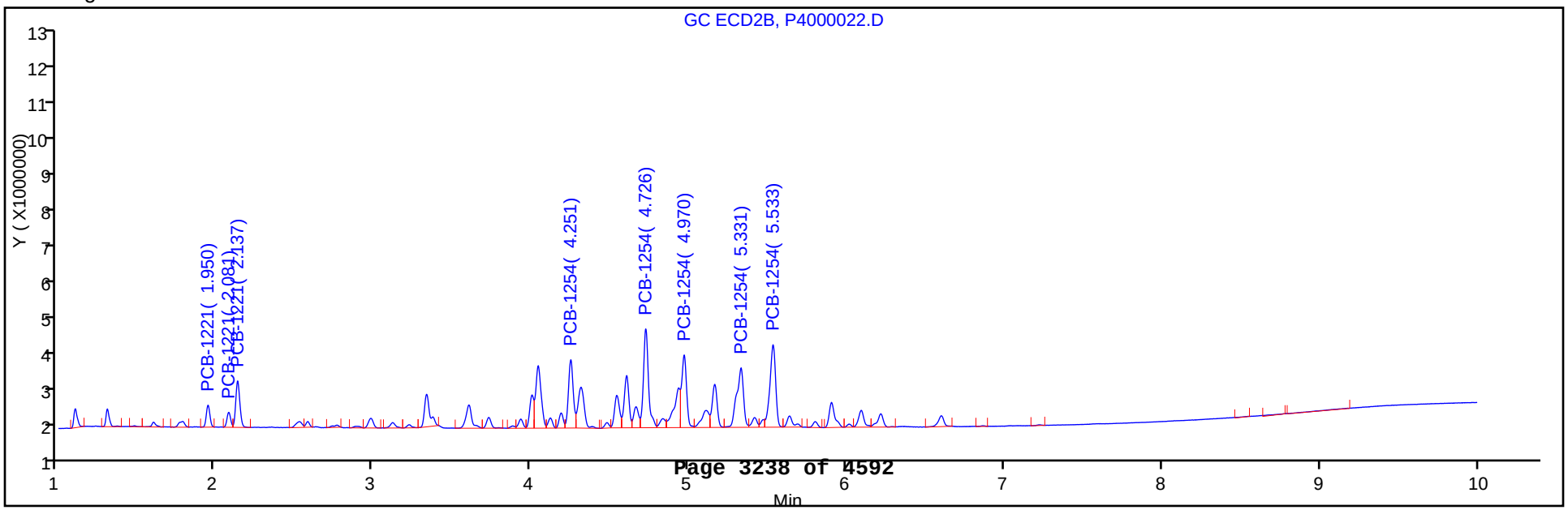
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Injection Date:	04-Dec-2012 13:31:49	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

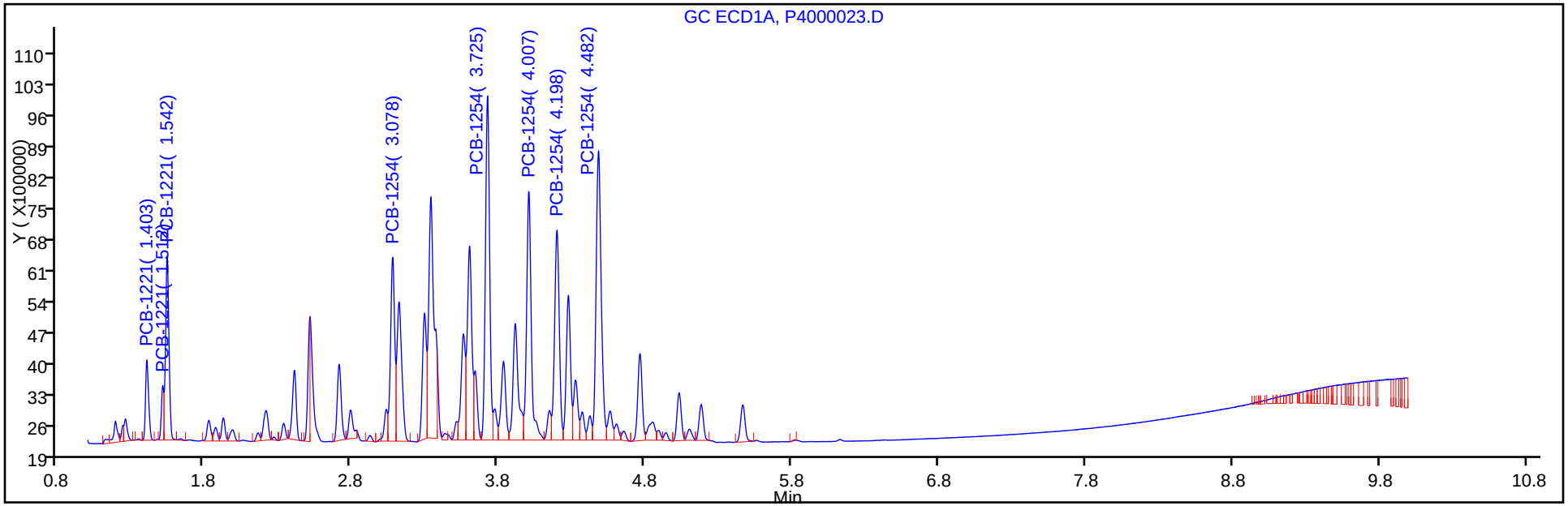
Report Date: 05-Dec-2012 06:34:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

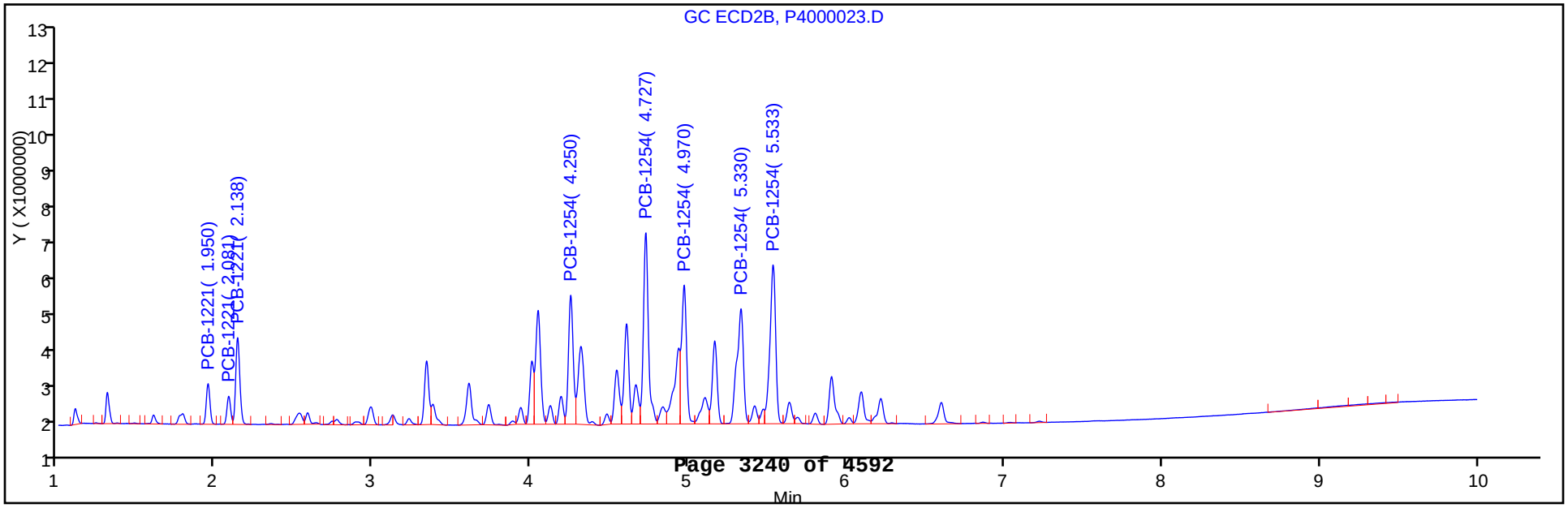
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Injection Date:	04-Dec-2012 13:47:33	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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			

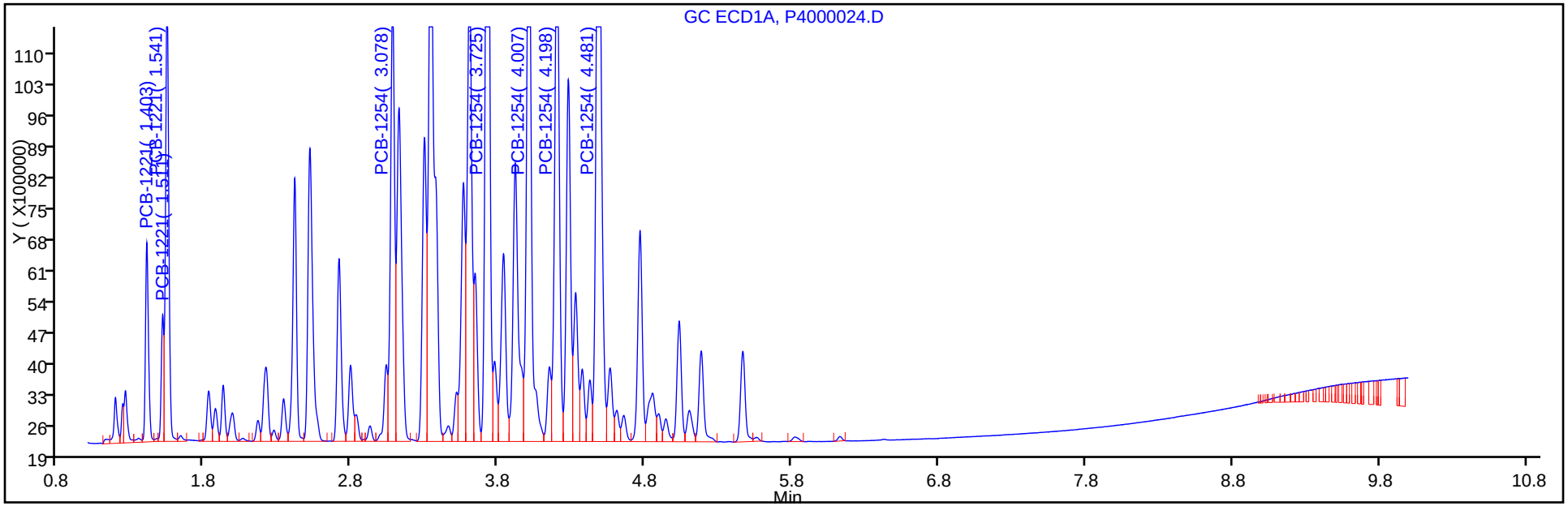
Report Date: 05-Dec-2012 06:33:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

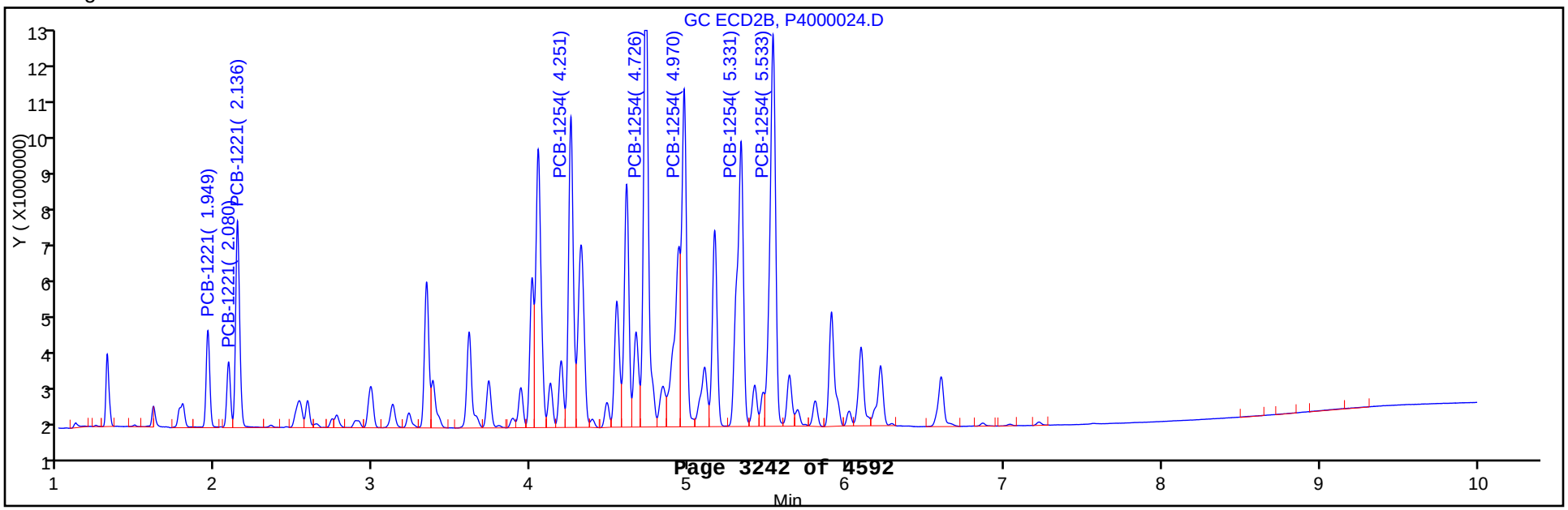
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000024.D

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			

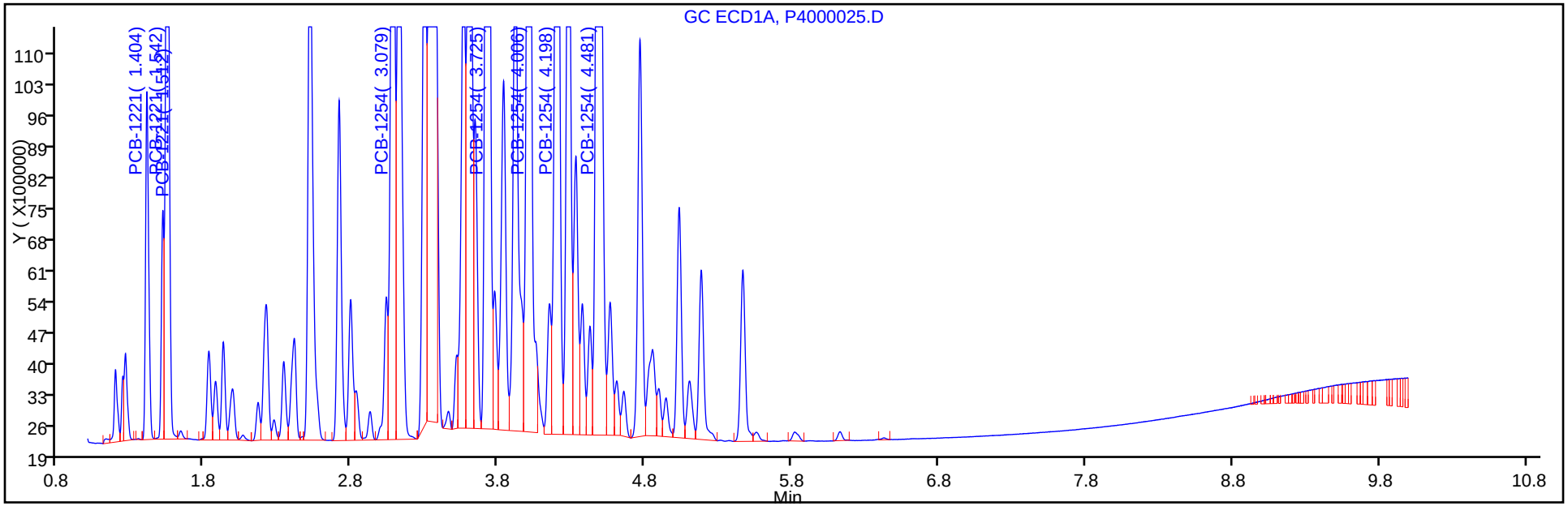
Report Date: 05-Dec-2012 06:33:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

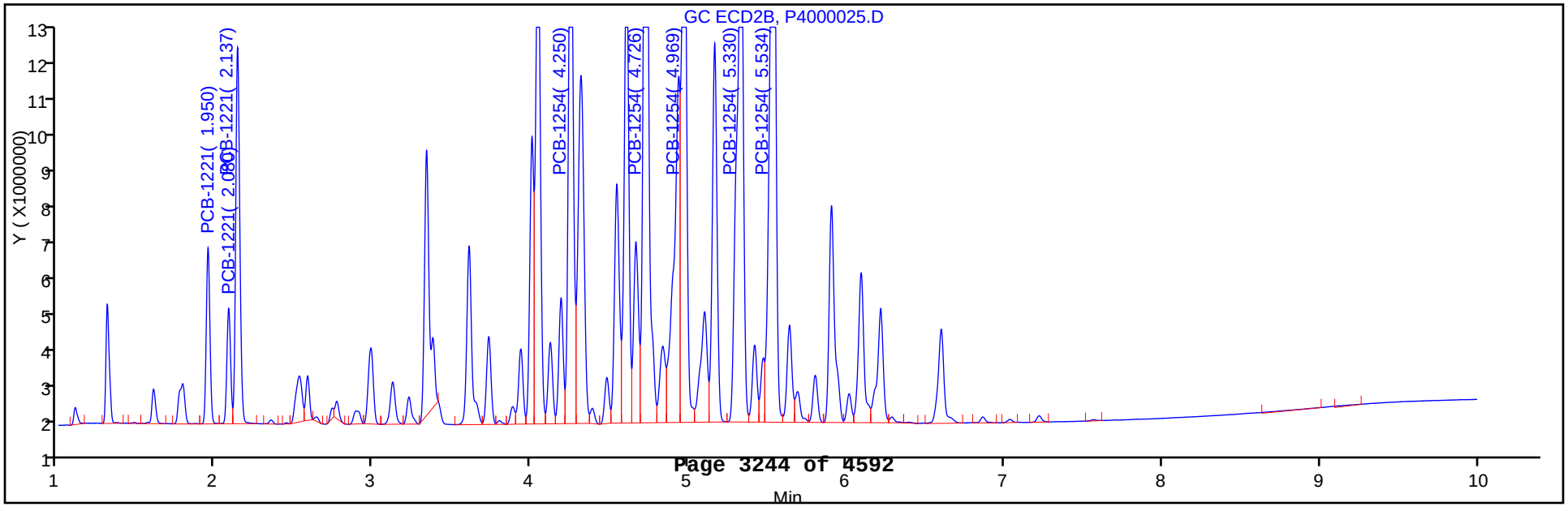
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000025.D

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			

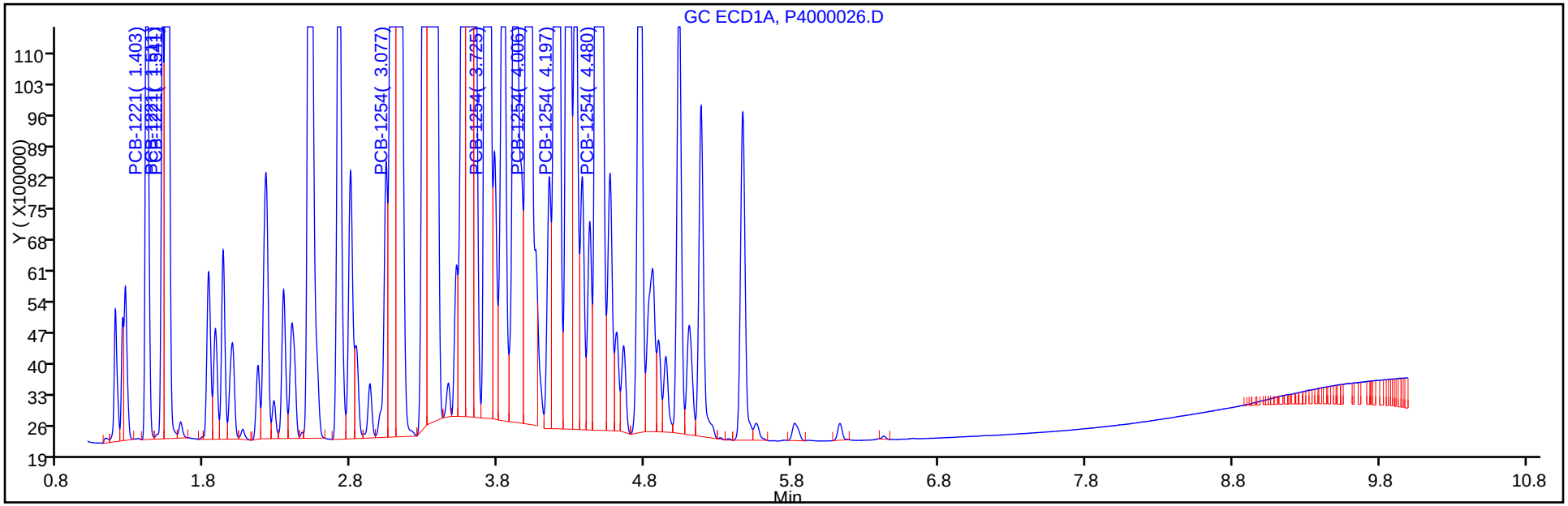
Report Date: 05-Dec-2012 06:33:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

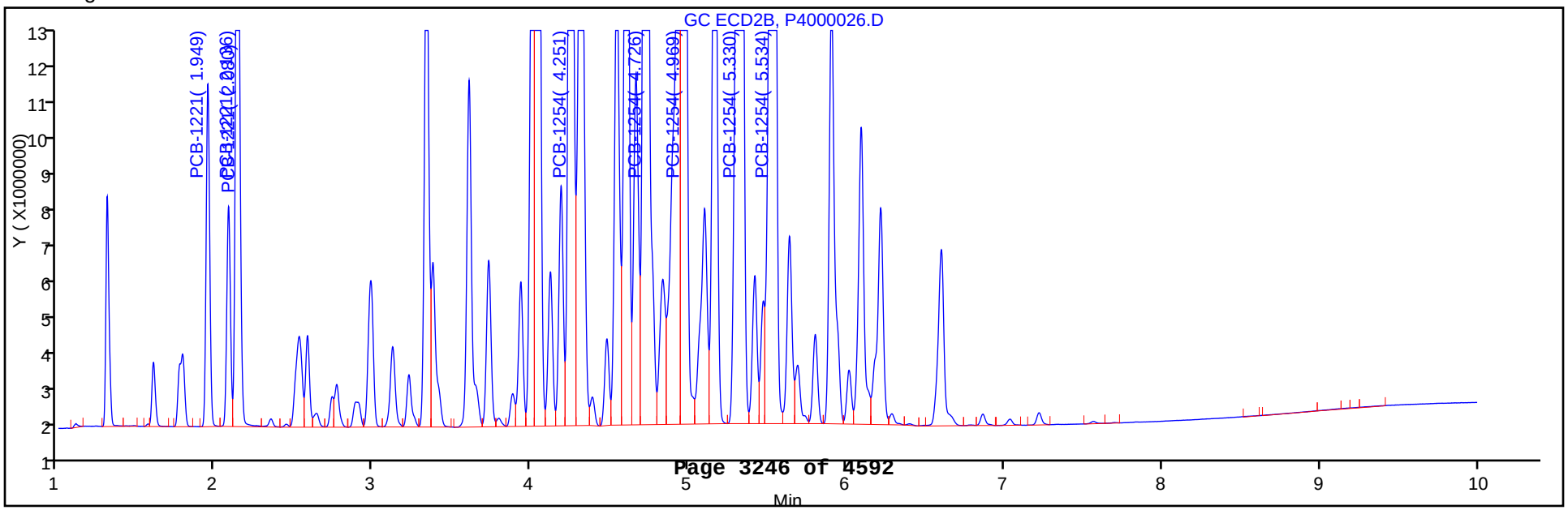
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000026.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

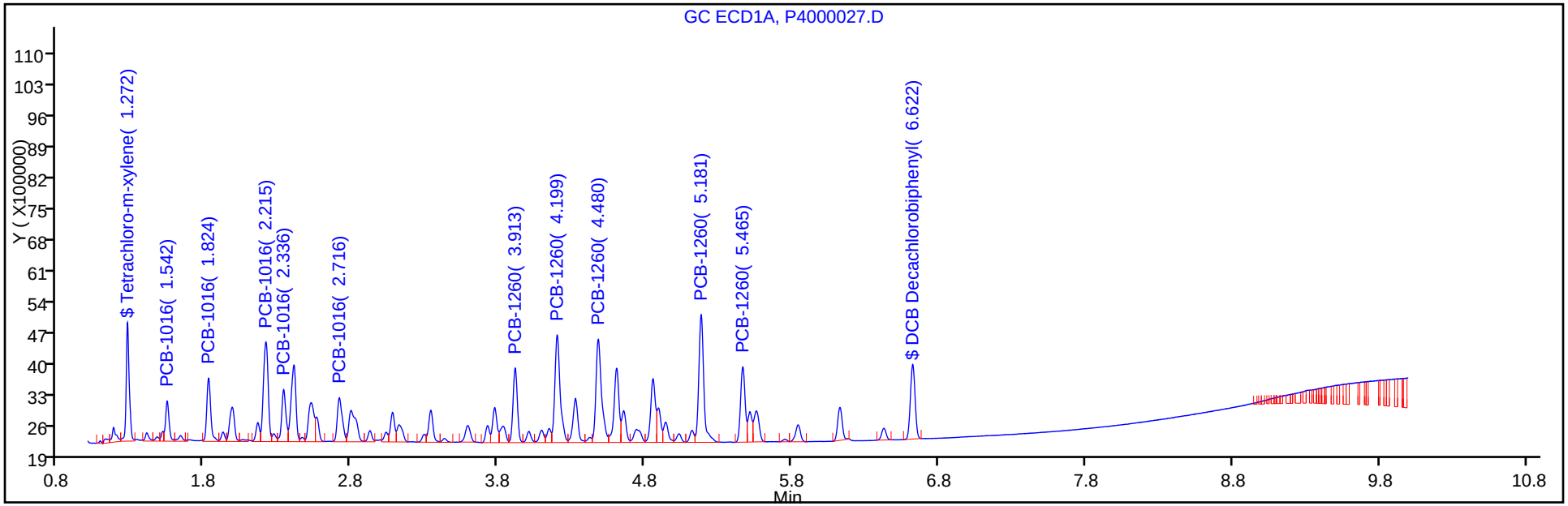
Report Date: 05-Dec-2012 06:33:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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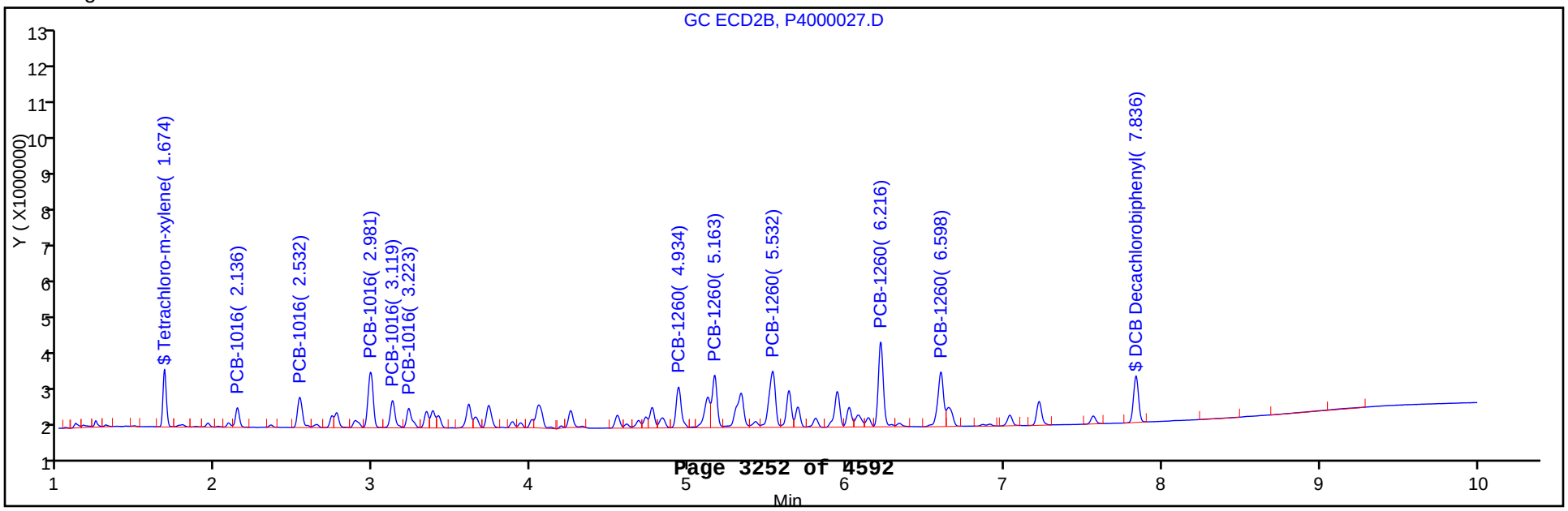
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000027.D

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			

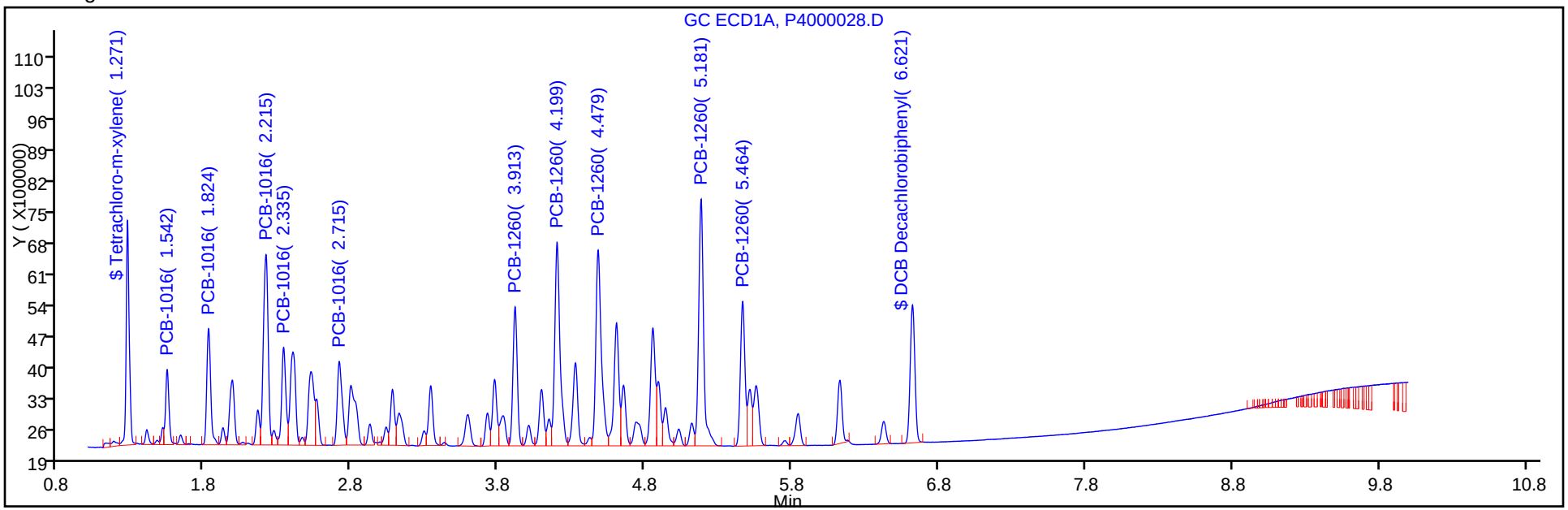
Report Date: 05-Dec-2012 06:33:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

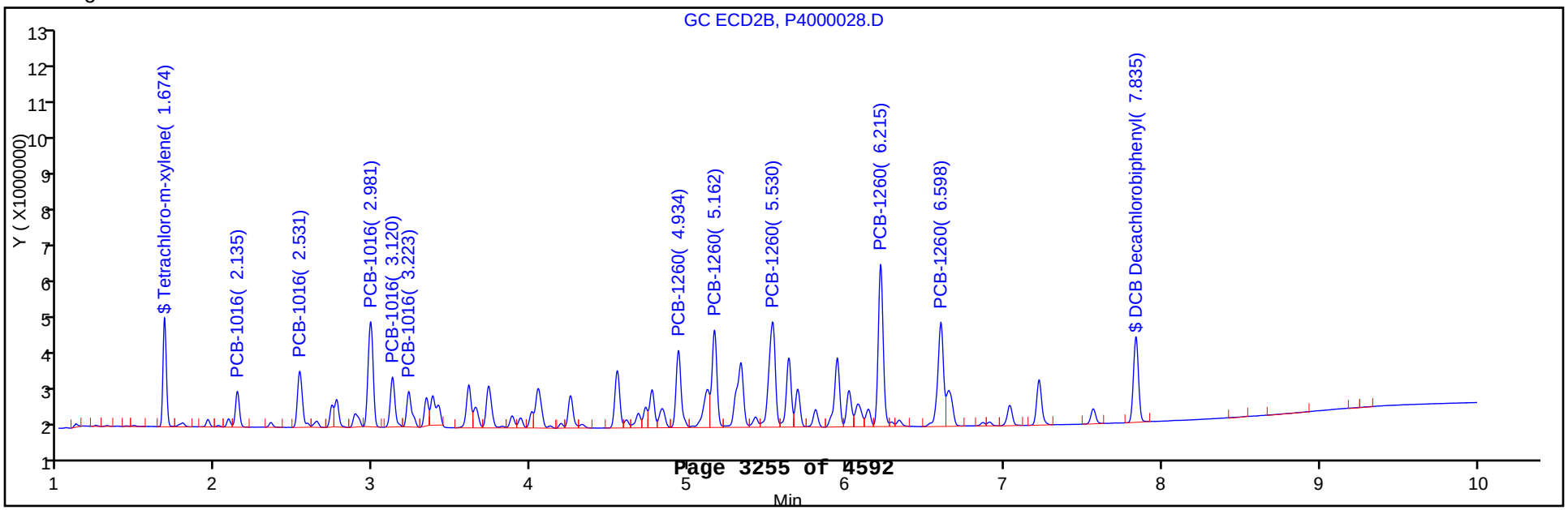
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000028.D

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			

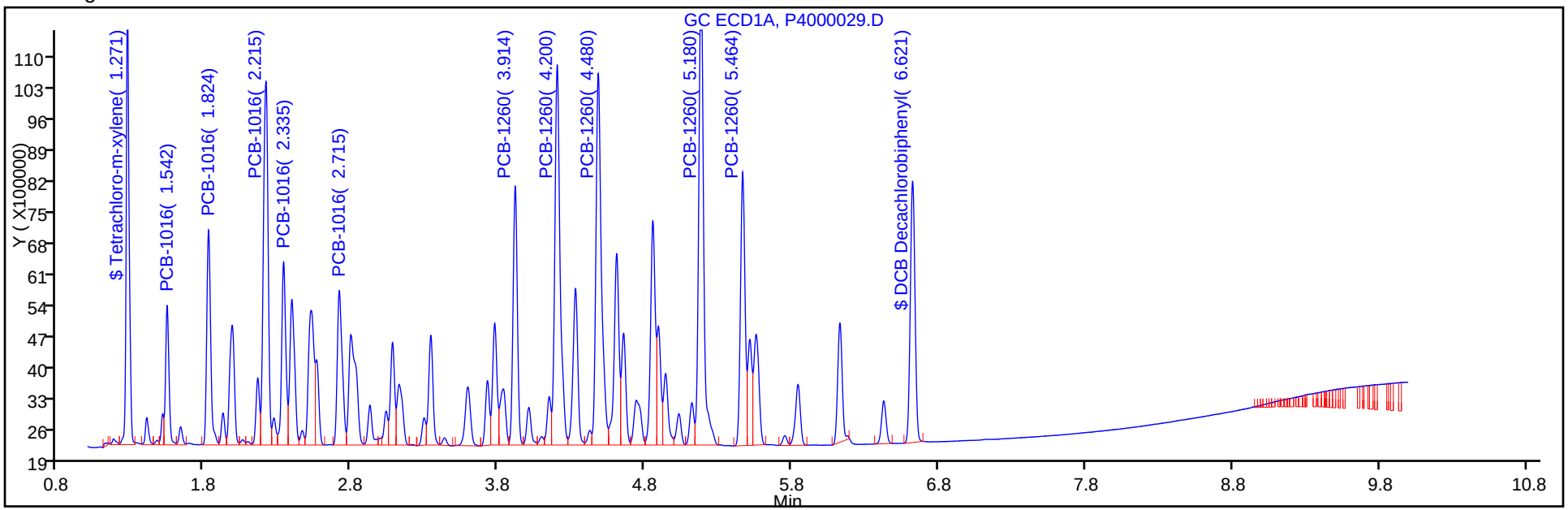
Report Date: 05-Dec-2012 06:33:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

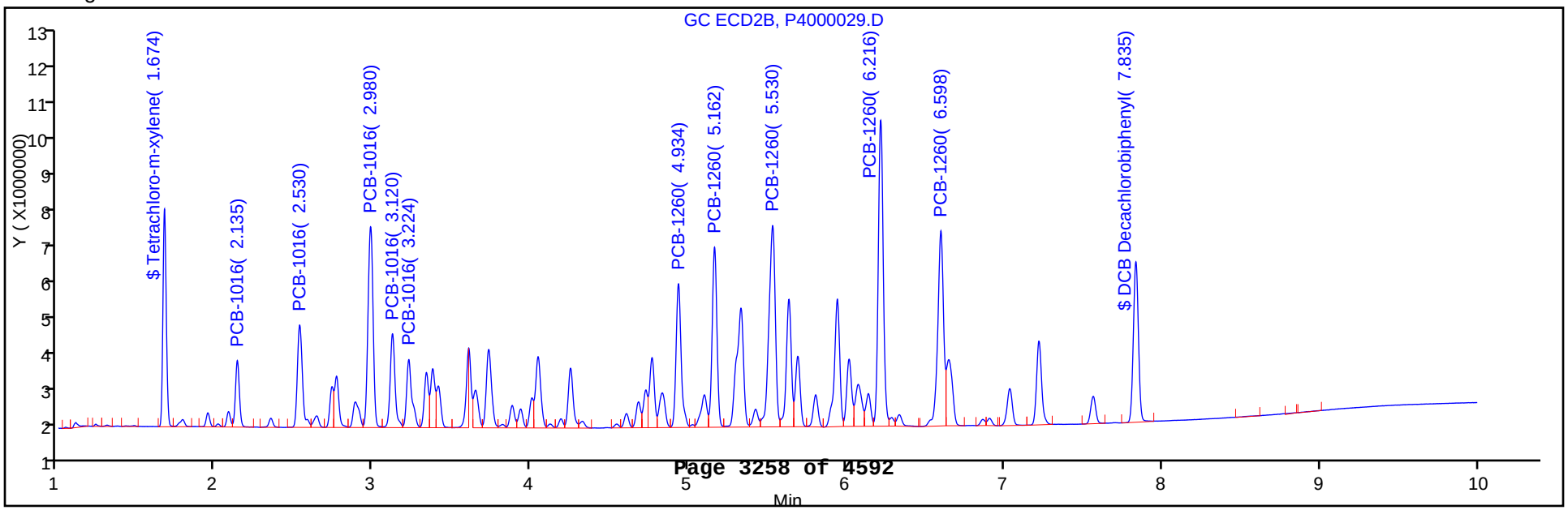
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000029.D

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			

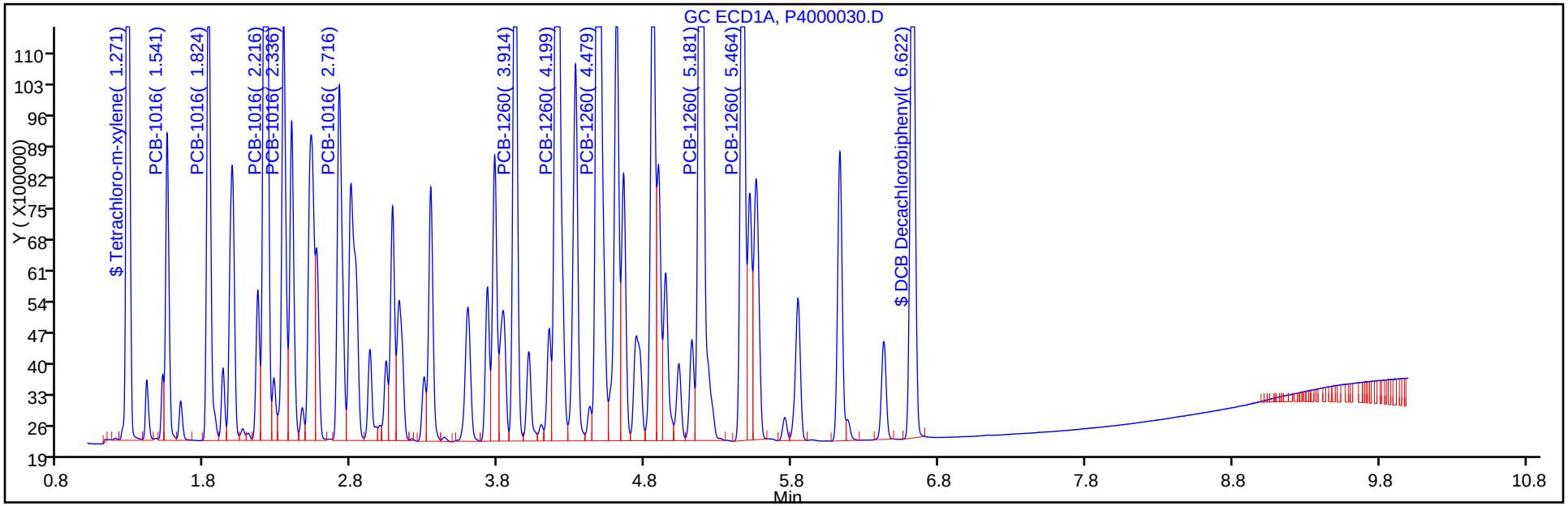
Report Date: 05-Dec-2012 06:33:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

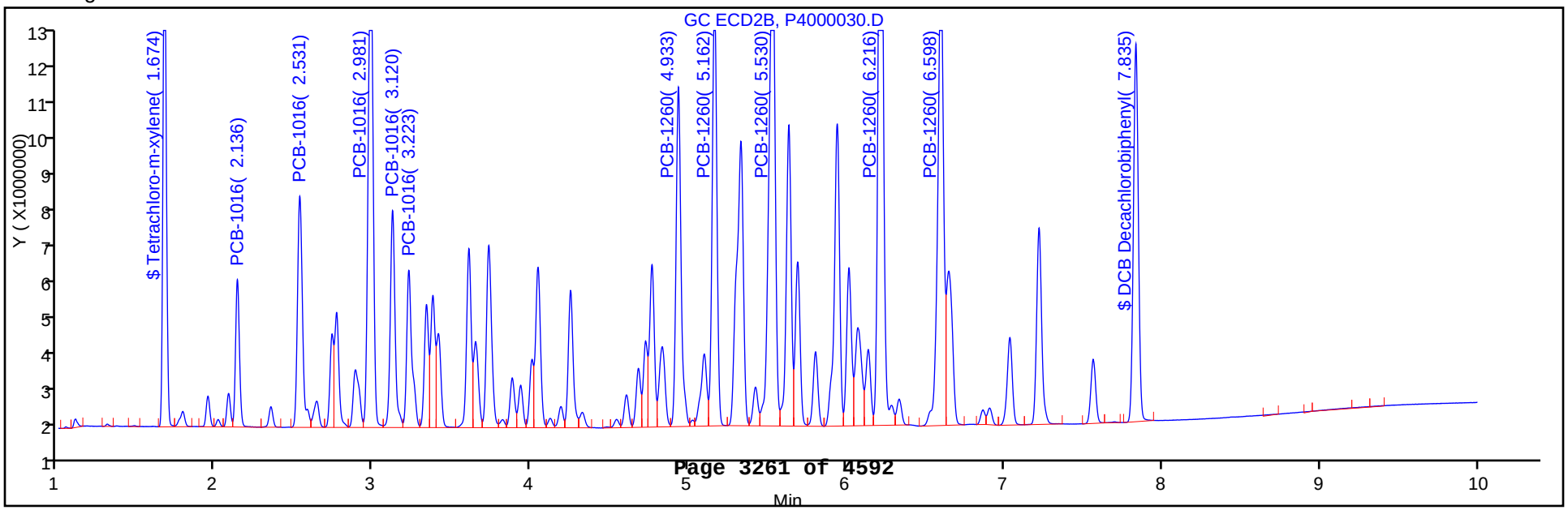
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000030.D

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			

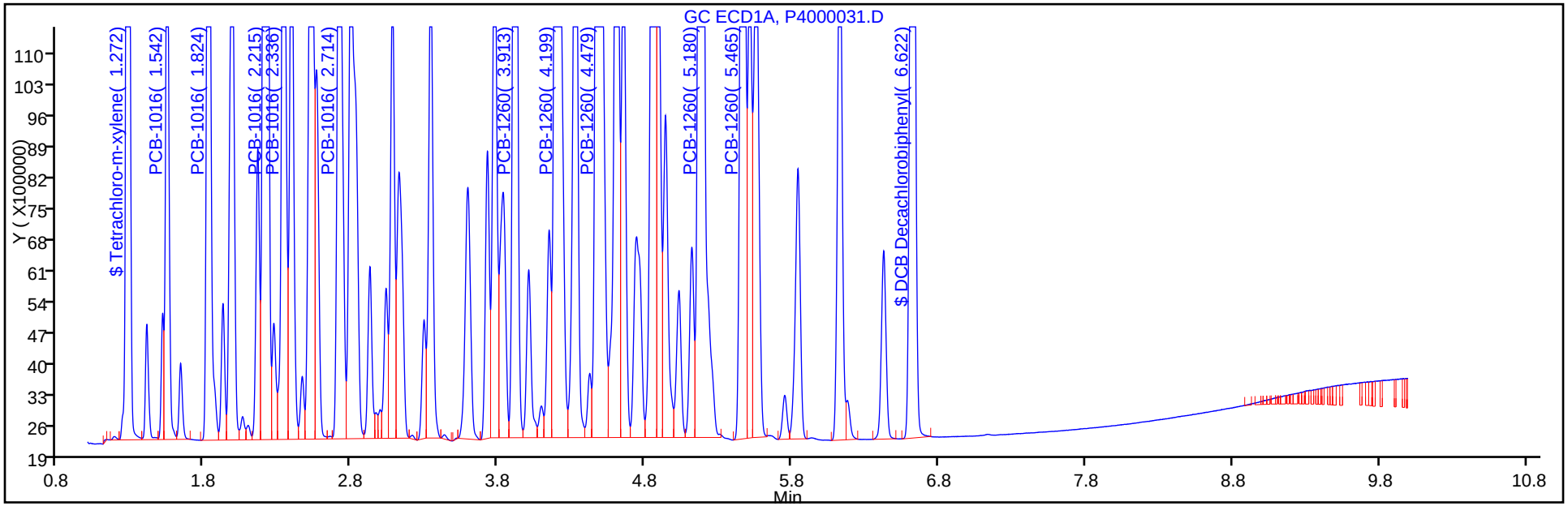
Report Date: 05-Dec-2012 06:33:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

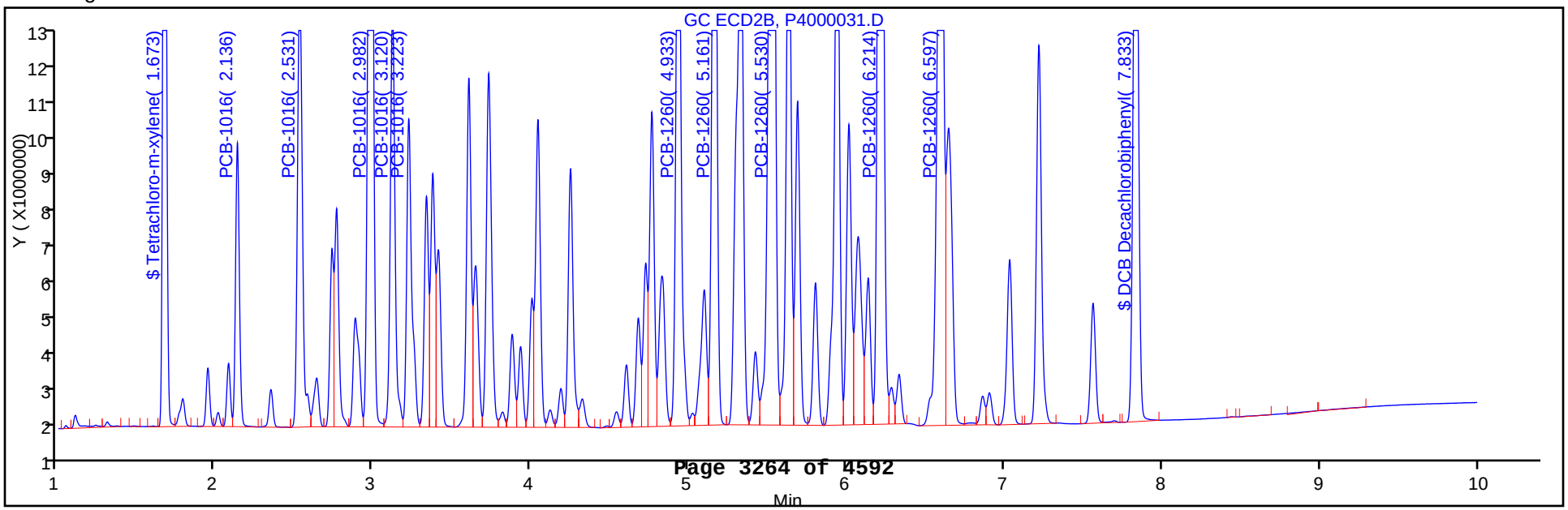
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000031.D

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			

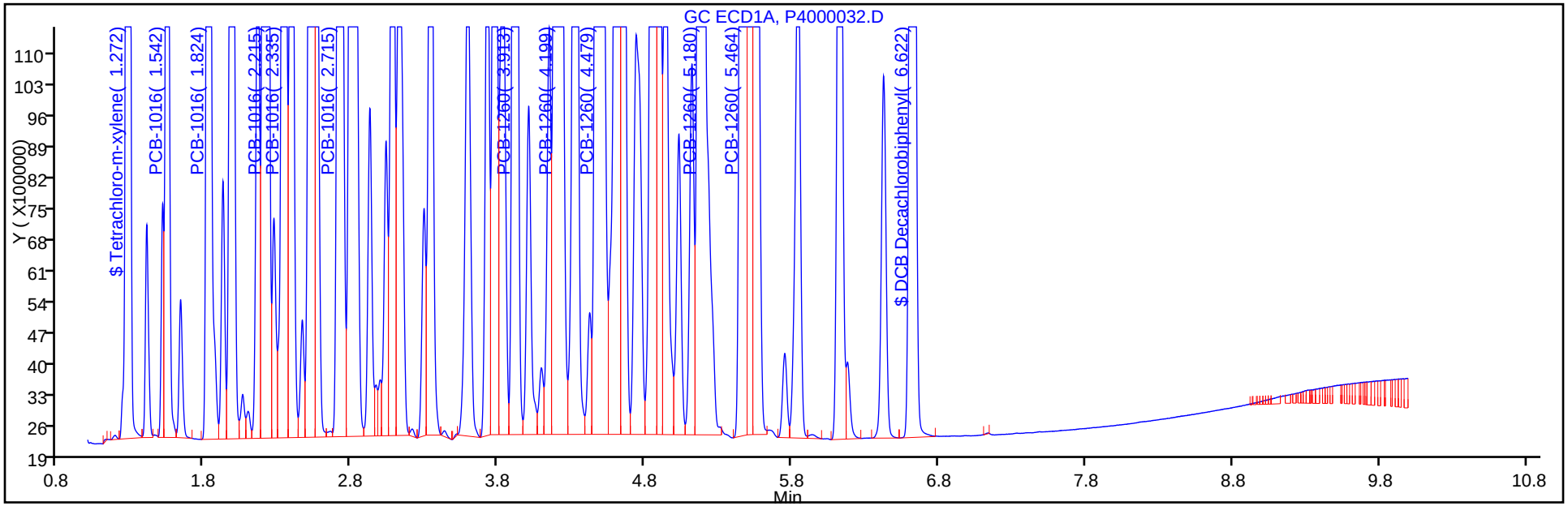
Report Date: 05-Dec-2012 06:33:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

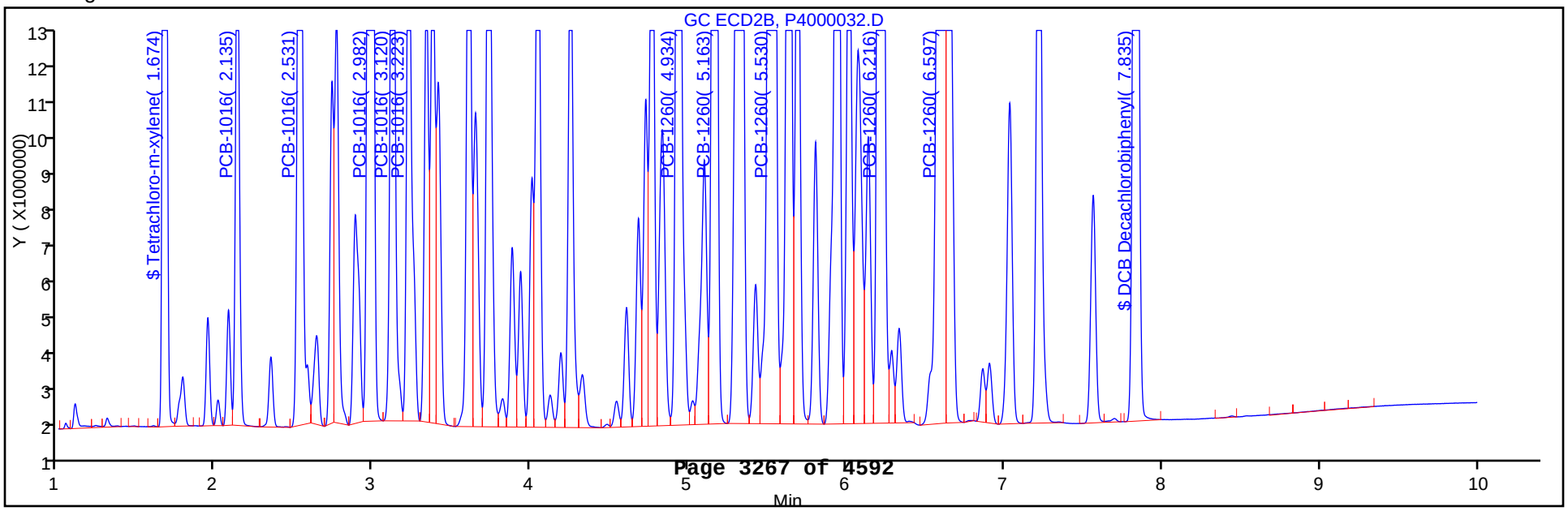
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000032.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

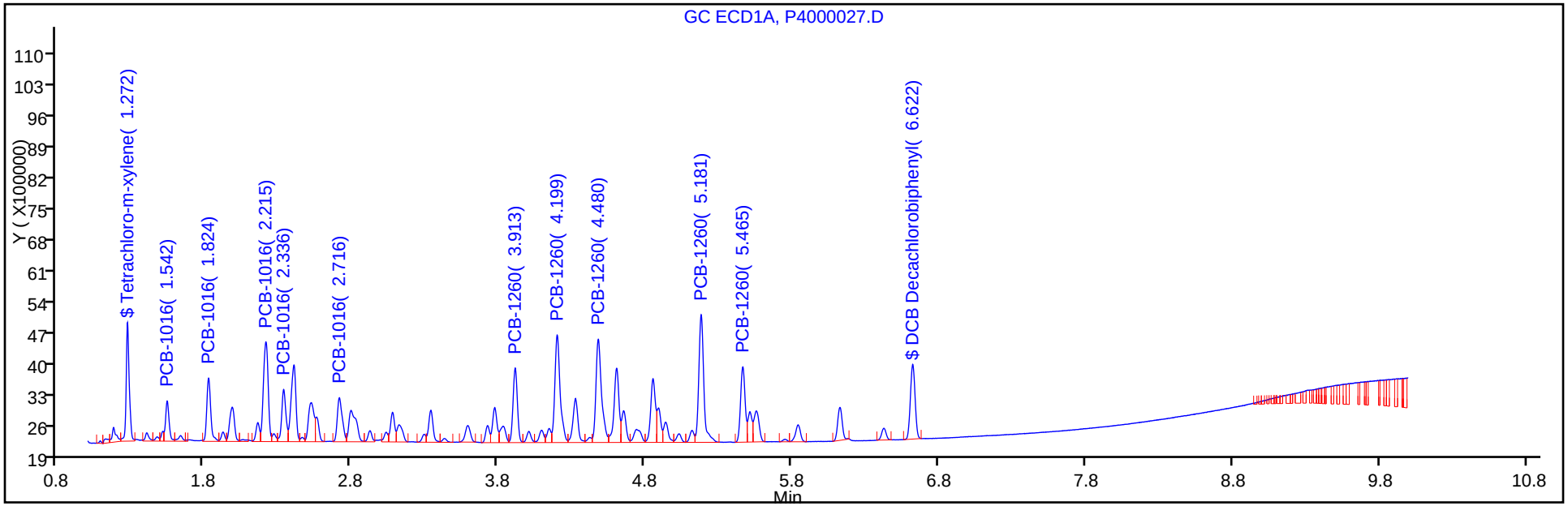
Report Date: 05-Dec-2012 06:33:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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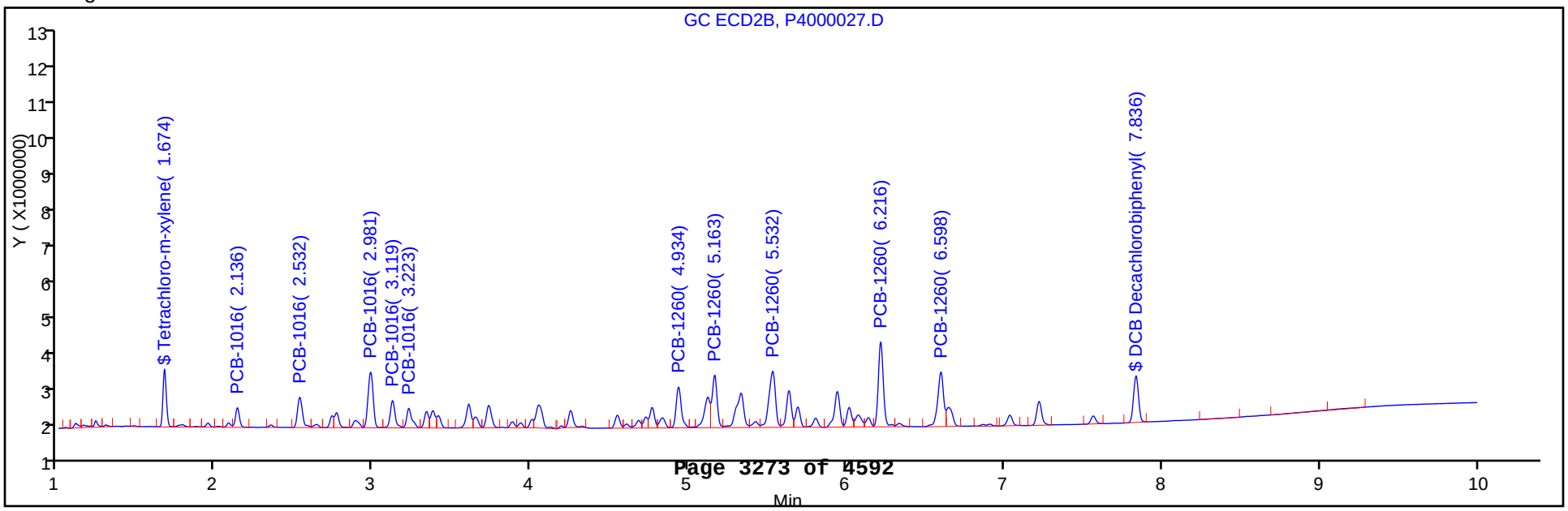
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000027.D

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			

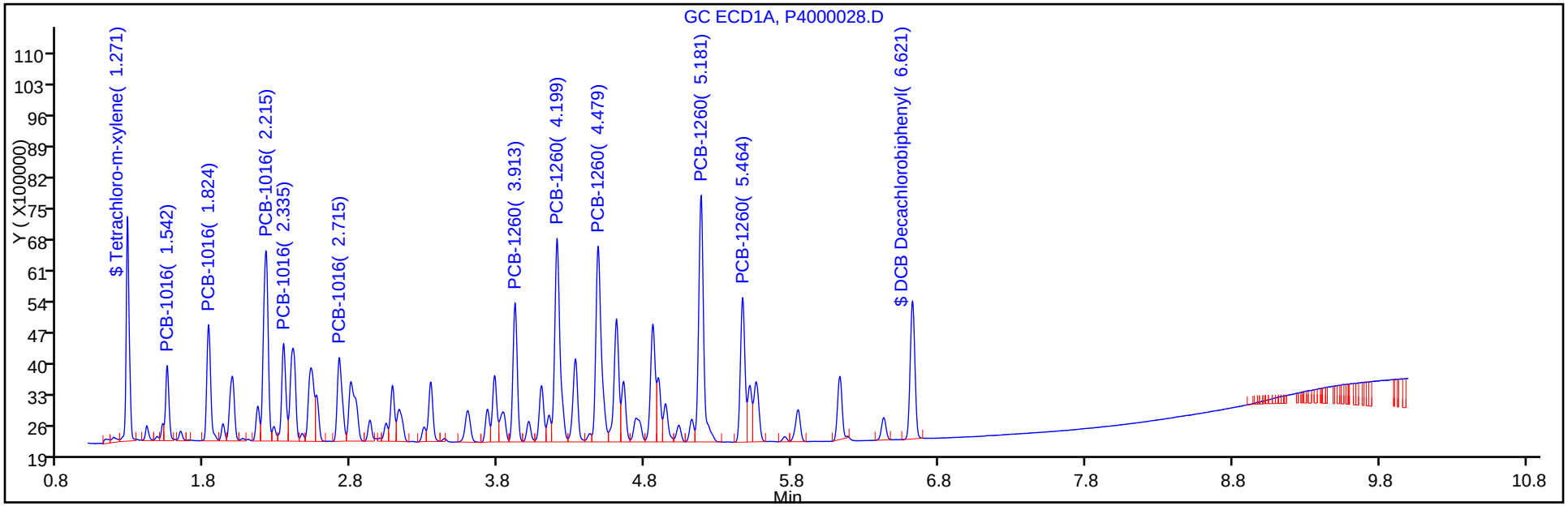
Report Date: 05-Dec-2012 06:33:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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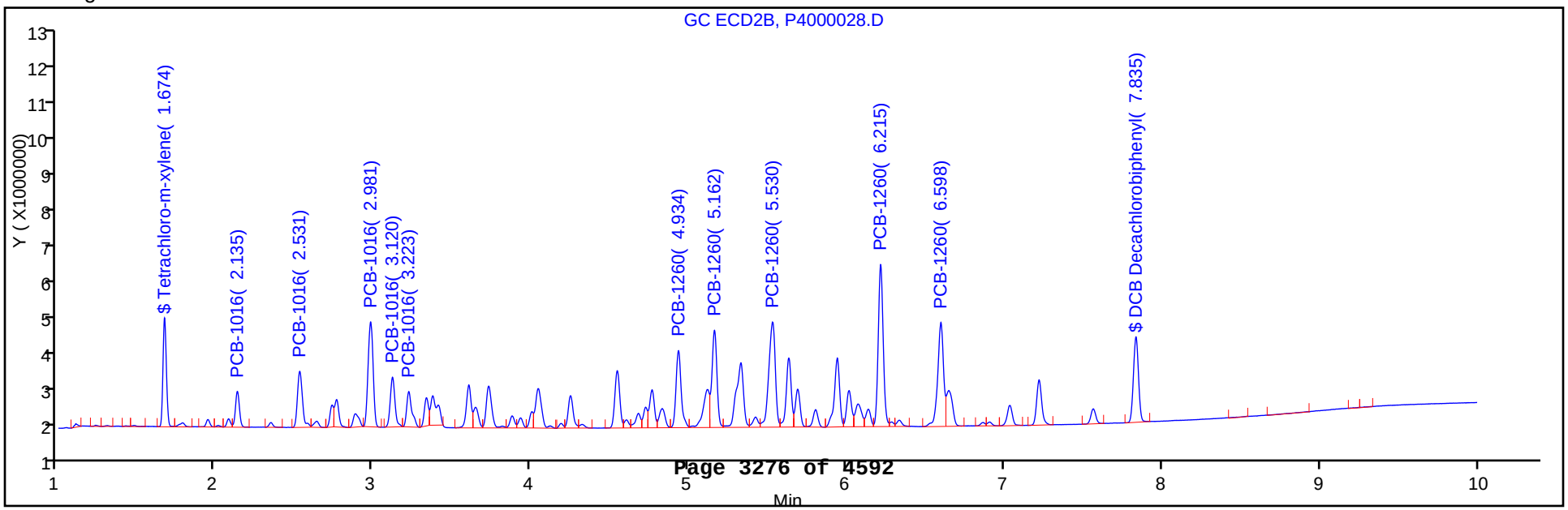
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000028.D

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			

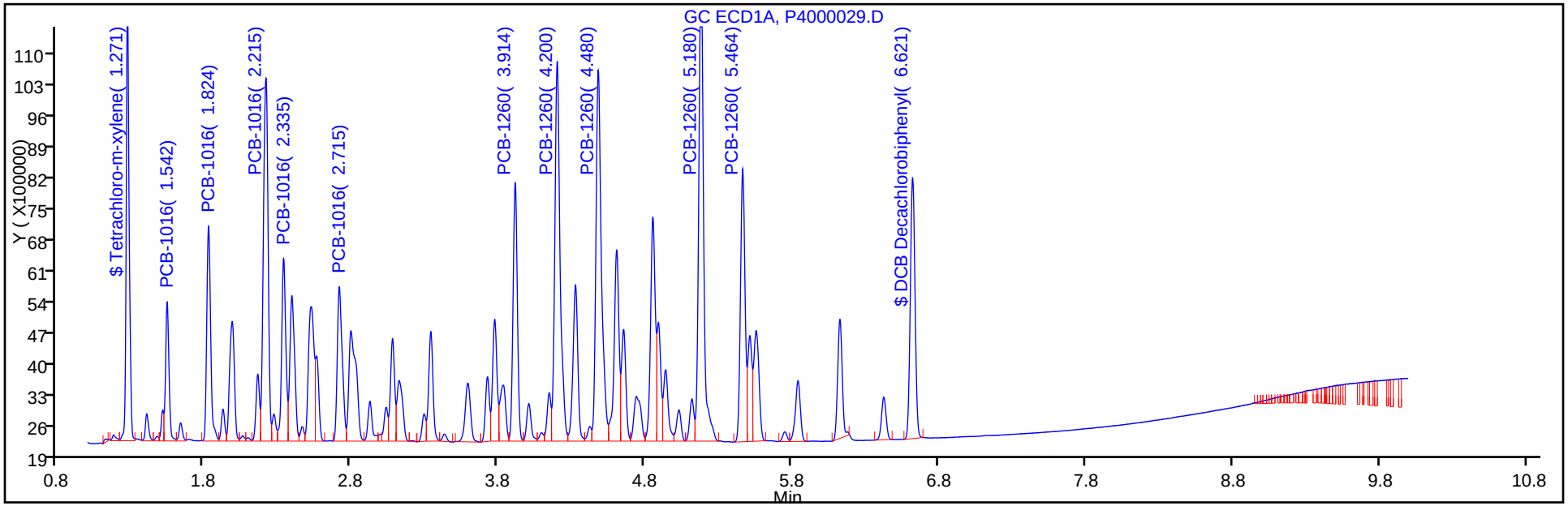
Report Date: 05-Dec-2012 06:33:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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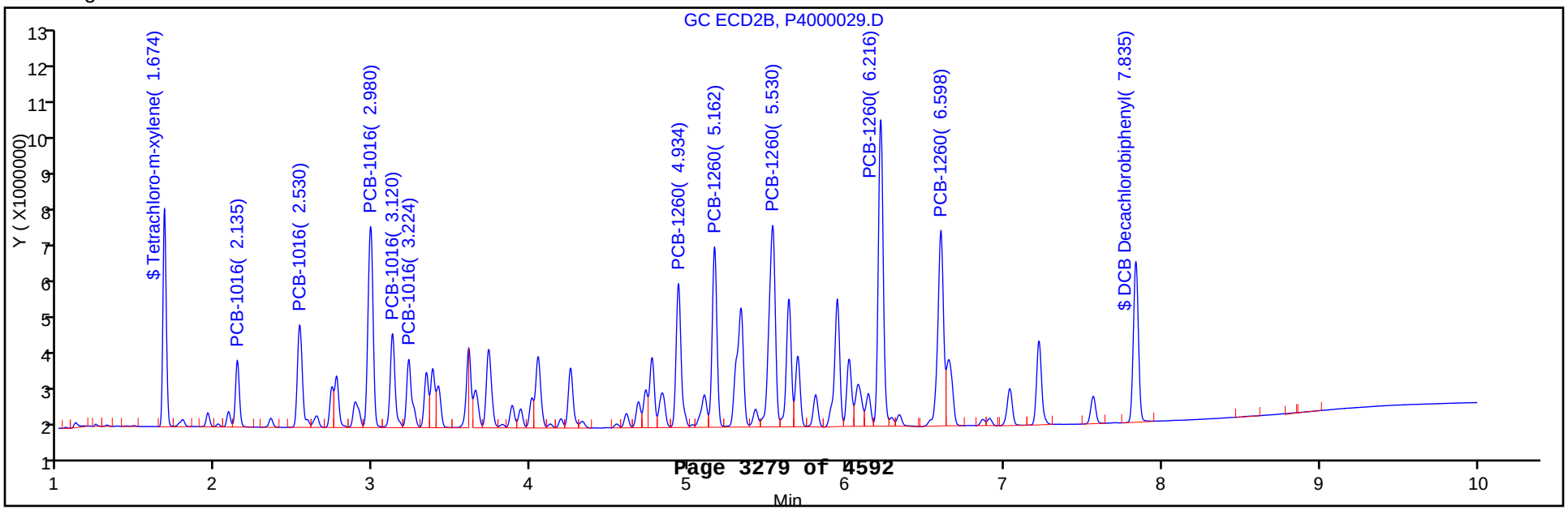
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000029.D

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			

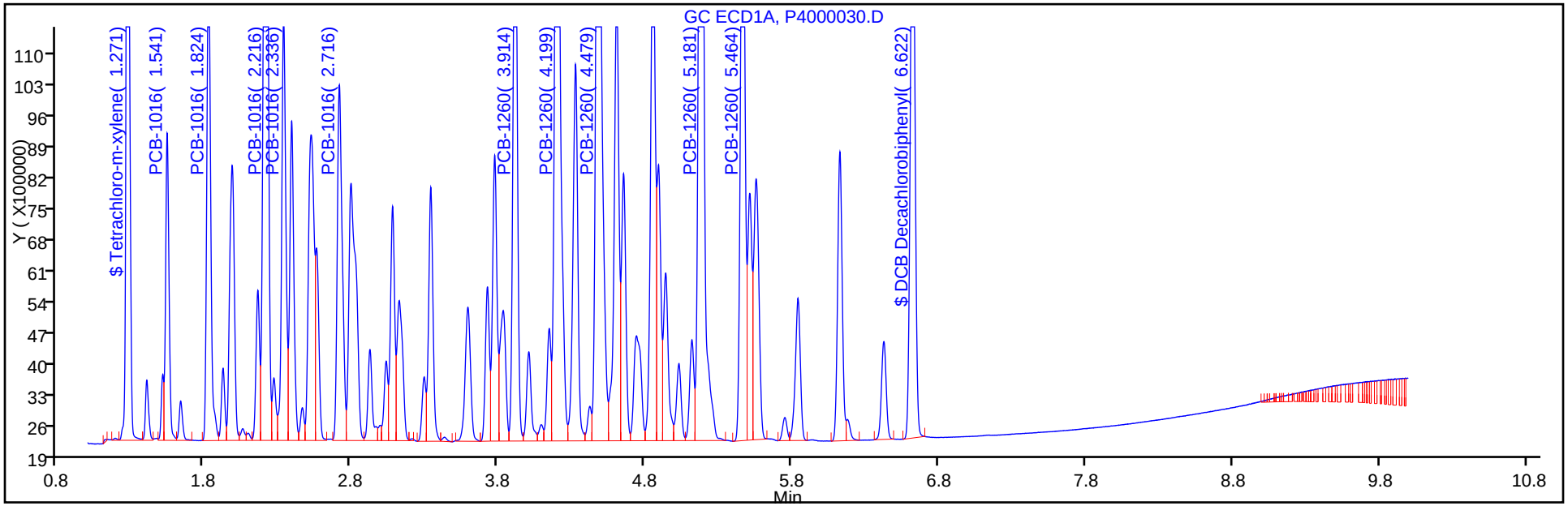
Report Date: 05-Dec-2012 06:33:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

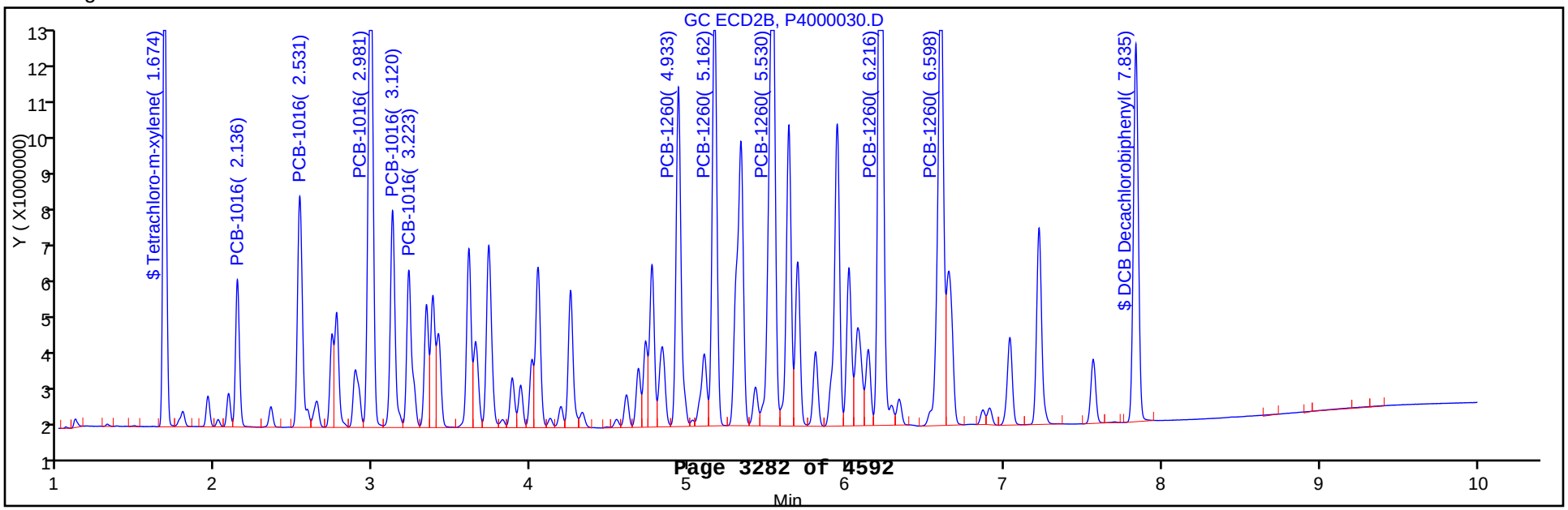
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000030.D

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			

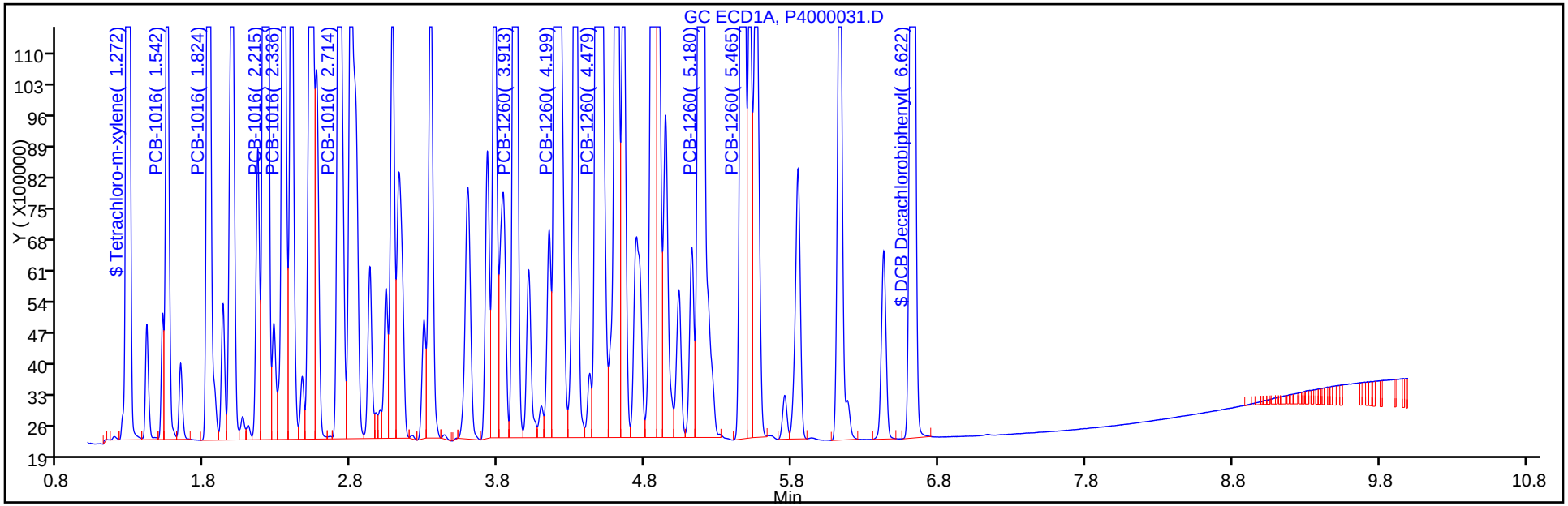
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.913	3.914	-0.001	54069980	0.9111		100.0	
1	2	4.199	4.199	0.000	98843004	0.9204	156.3- 206.3	182.8	
1	3	4.479	4.479	0.000	102731375	0.9316	159.6- 209.6	190.0	
1	4	5.180	5.181	-0.001	118290242	0.9494	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

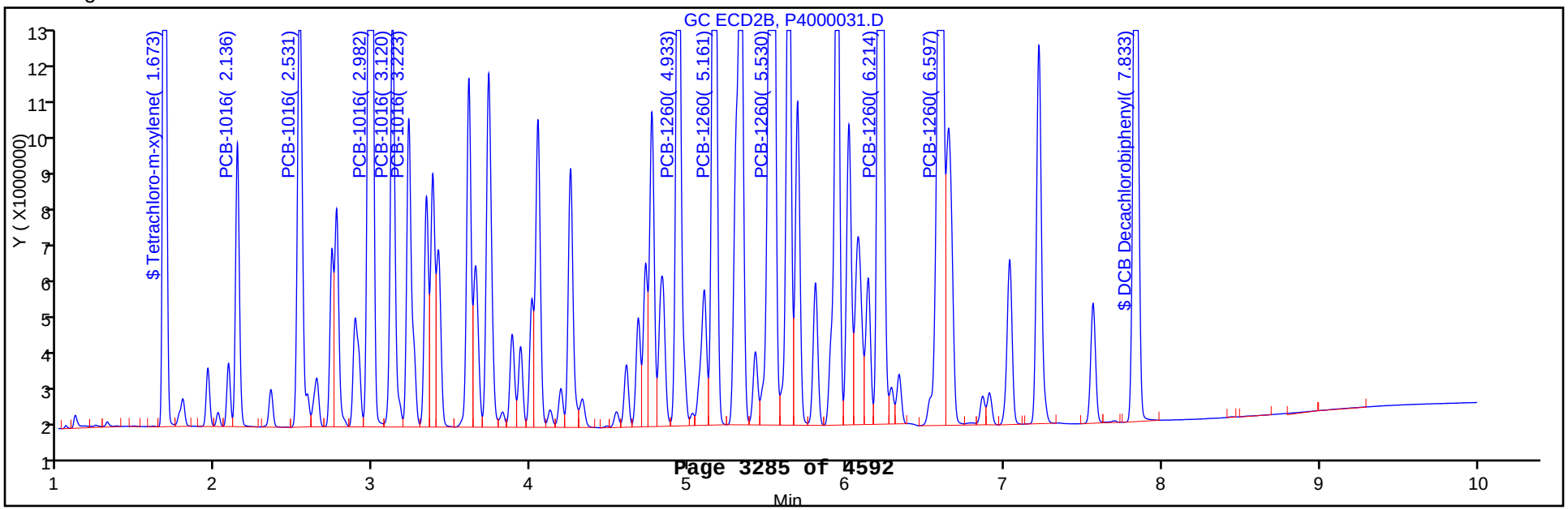
TestAmerica Canton

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			

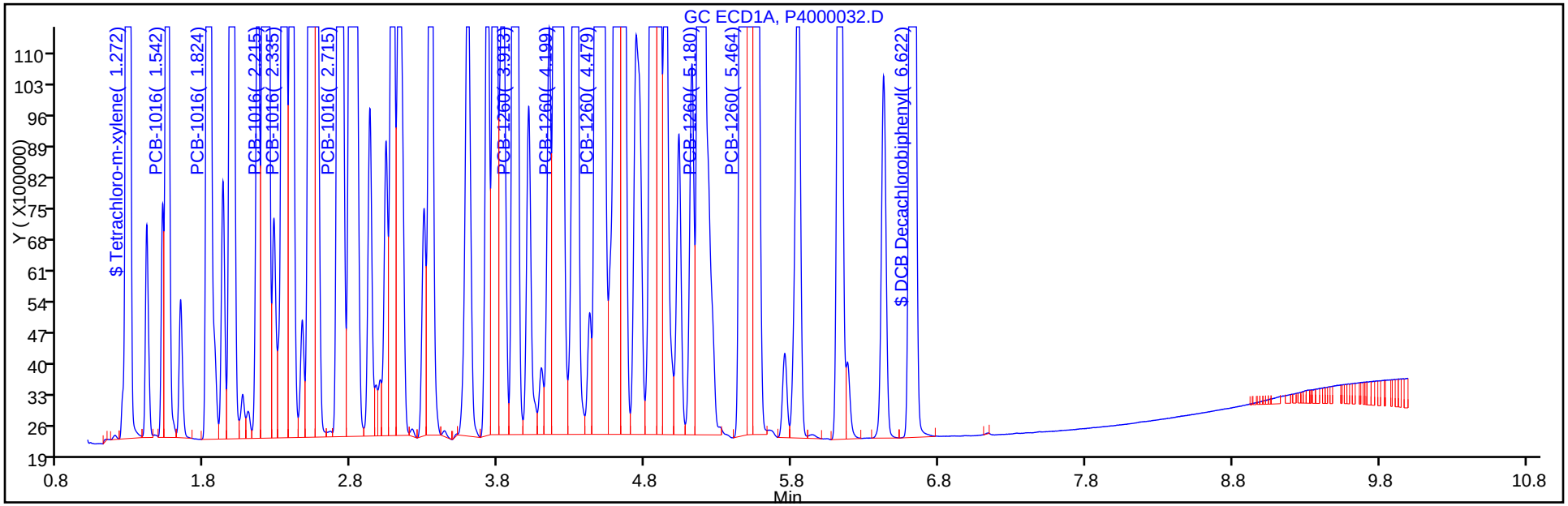
Report Date: 05-Dec-2012 06:33:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

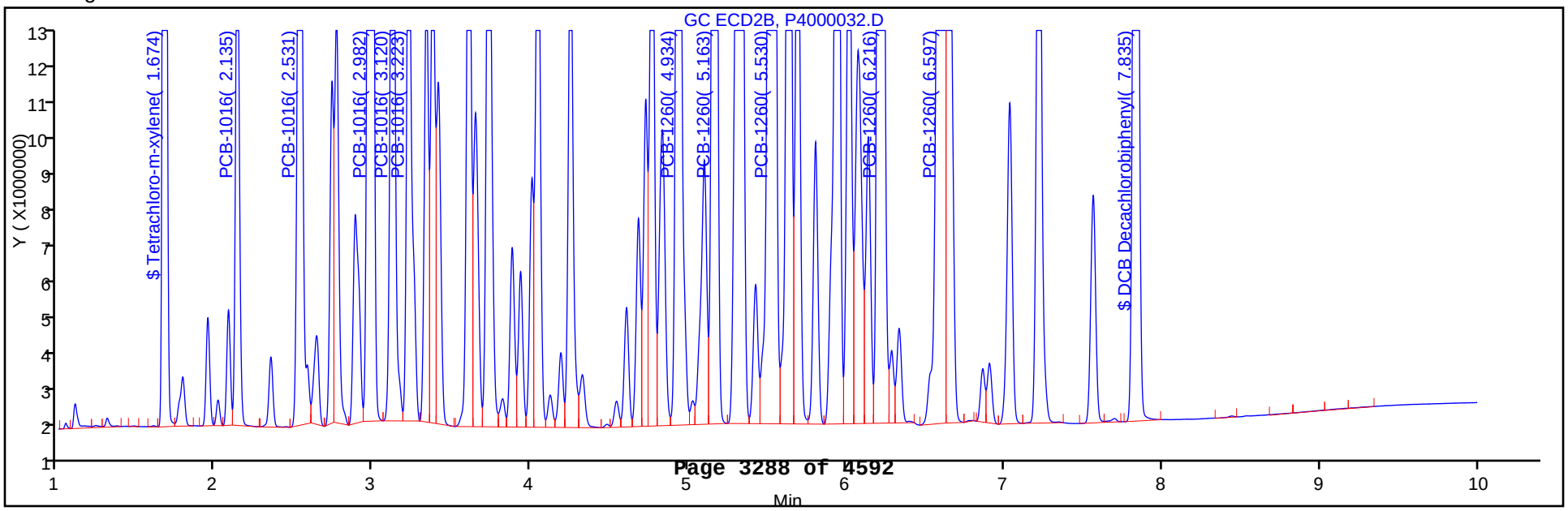
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000032.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

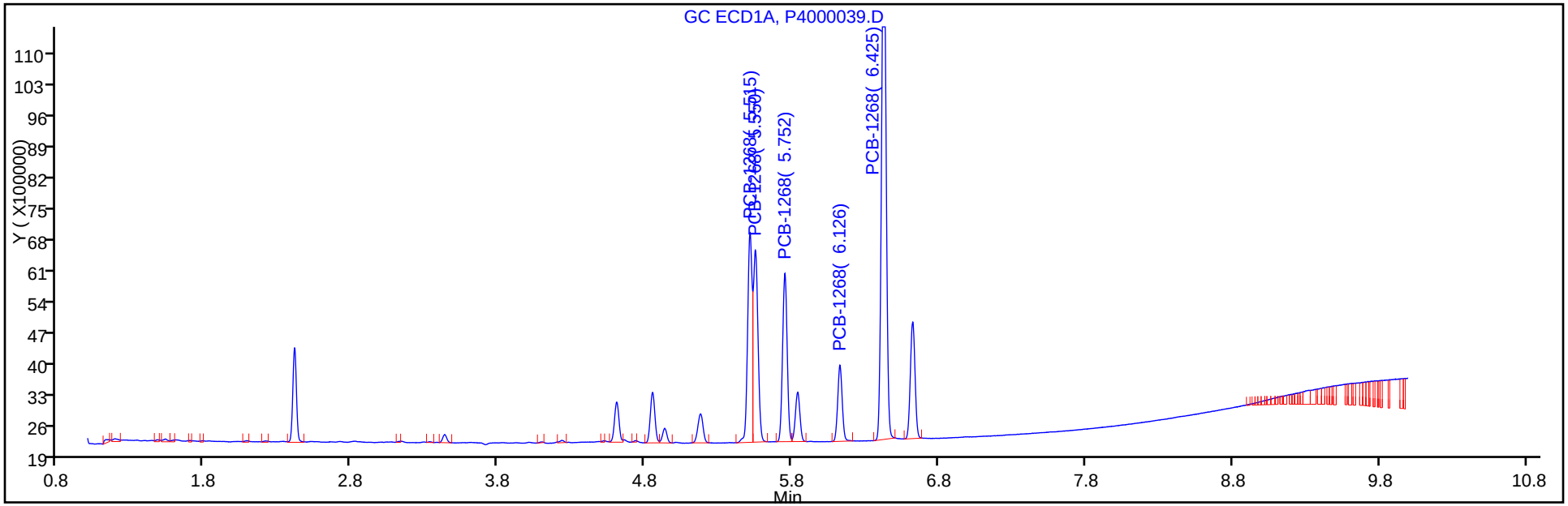
Report Date: 05-Dec-2012 06:33:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

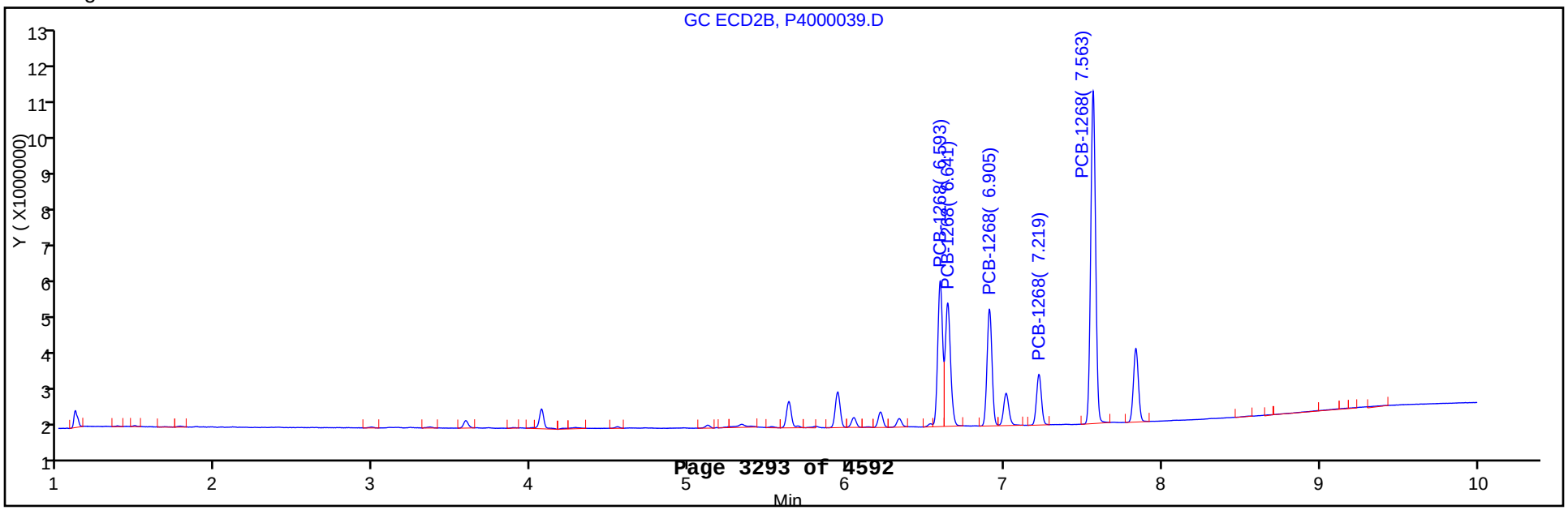
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000039.D

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			

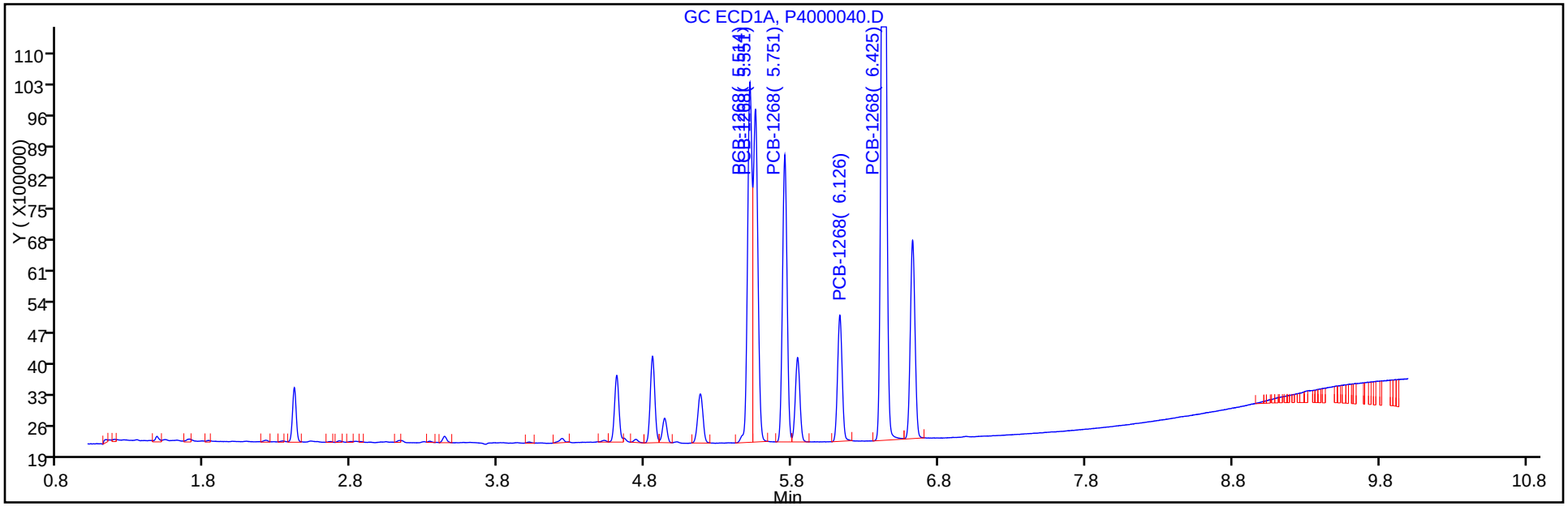
Report Date: 05-Dec-2012 06:33:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

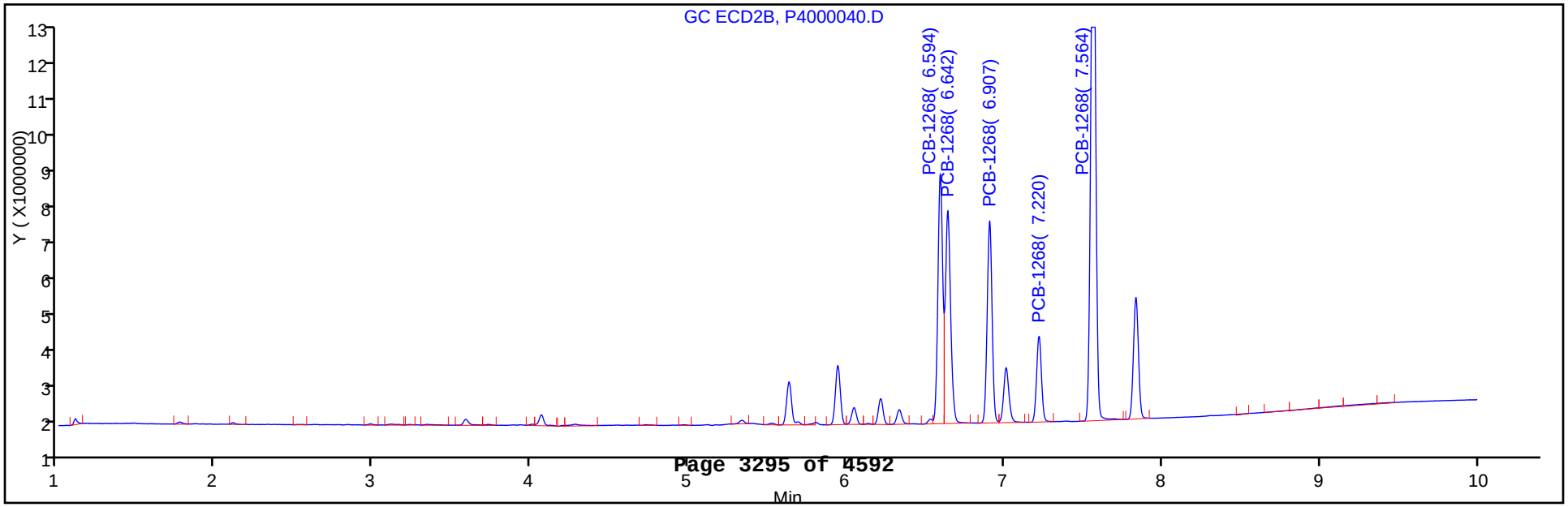
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000040.D

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			

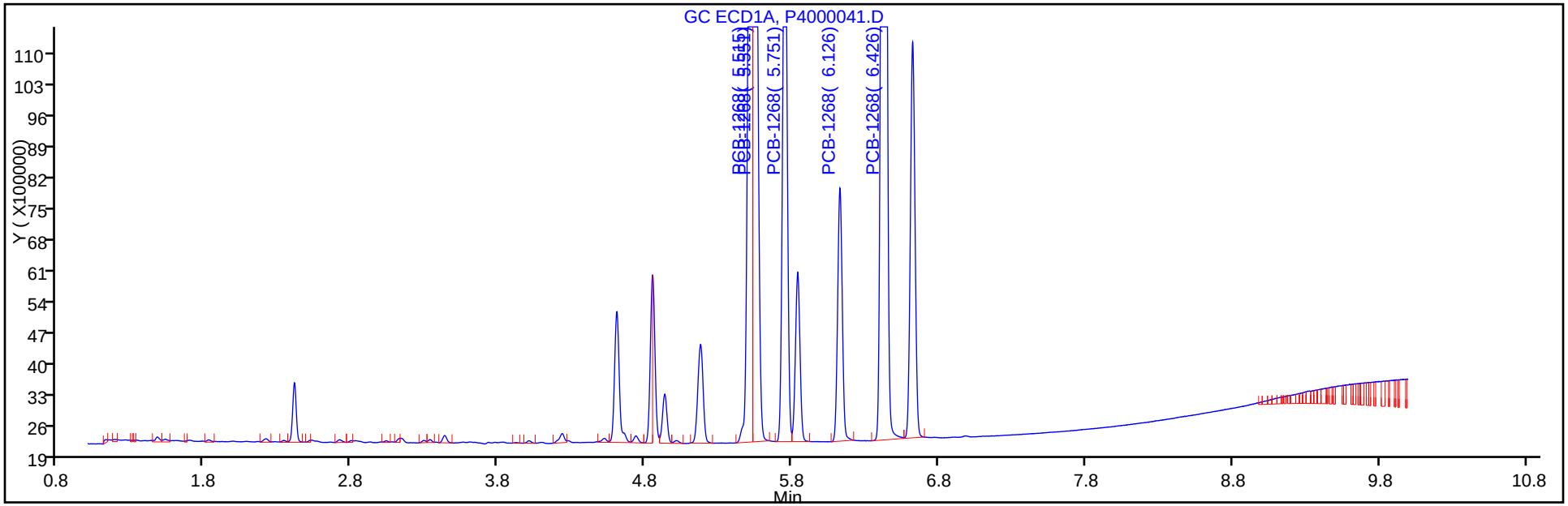
Report Date: 05-Dec-2012 06:33:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

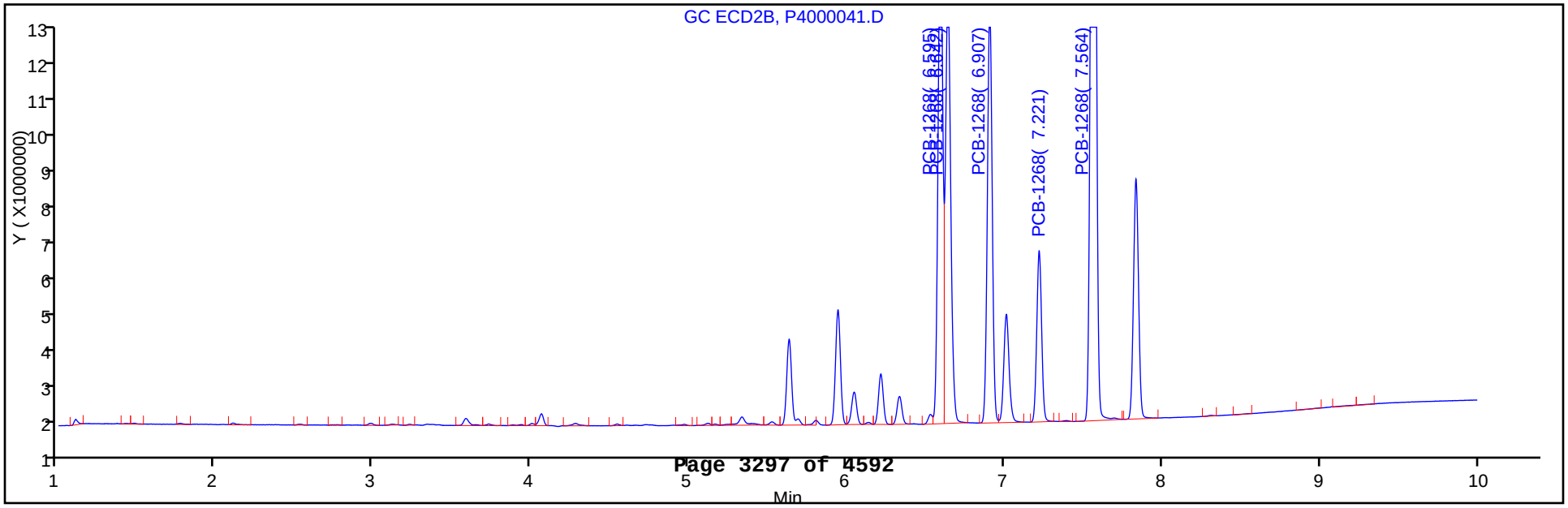
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000041.D

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			

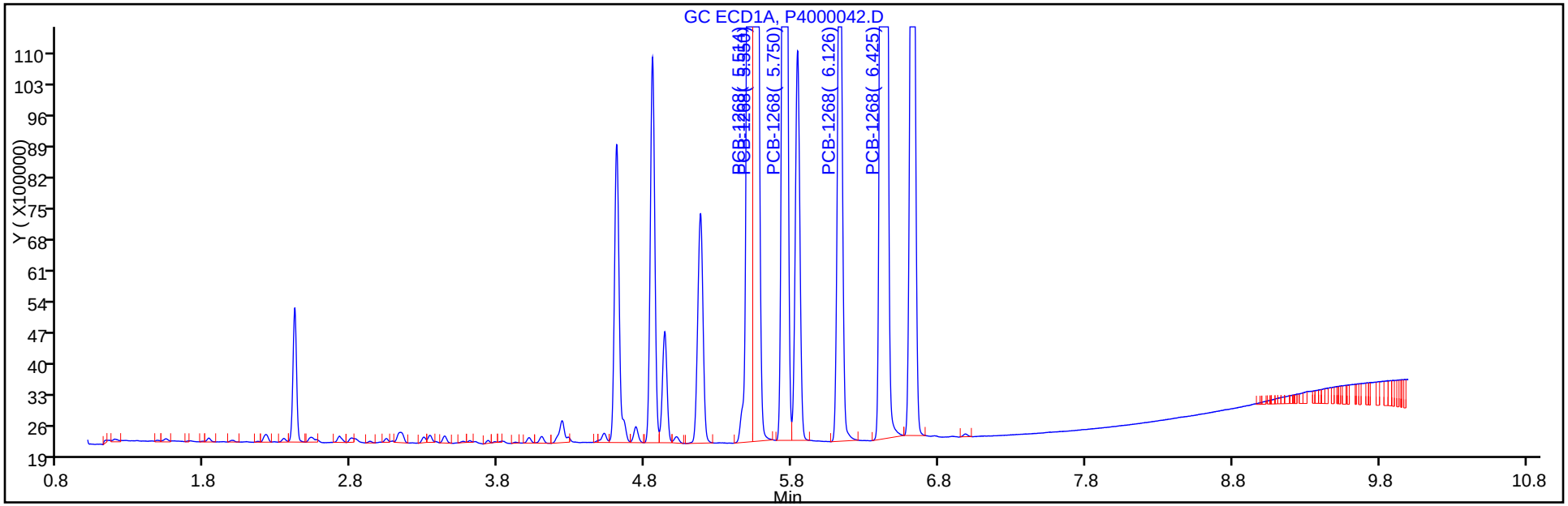
Report Date: 05-Dec-2012 06:33:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

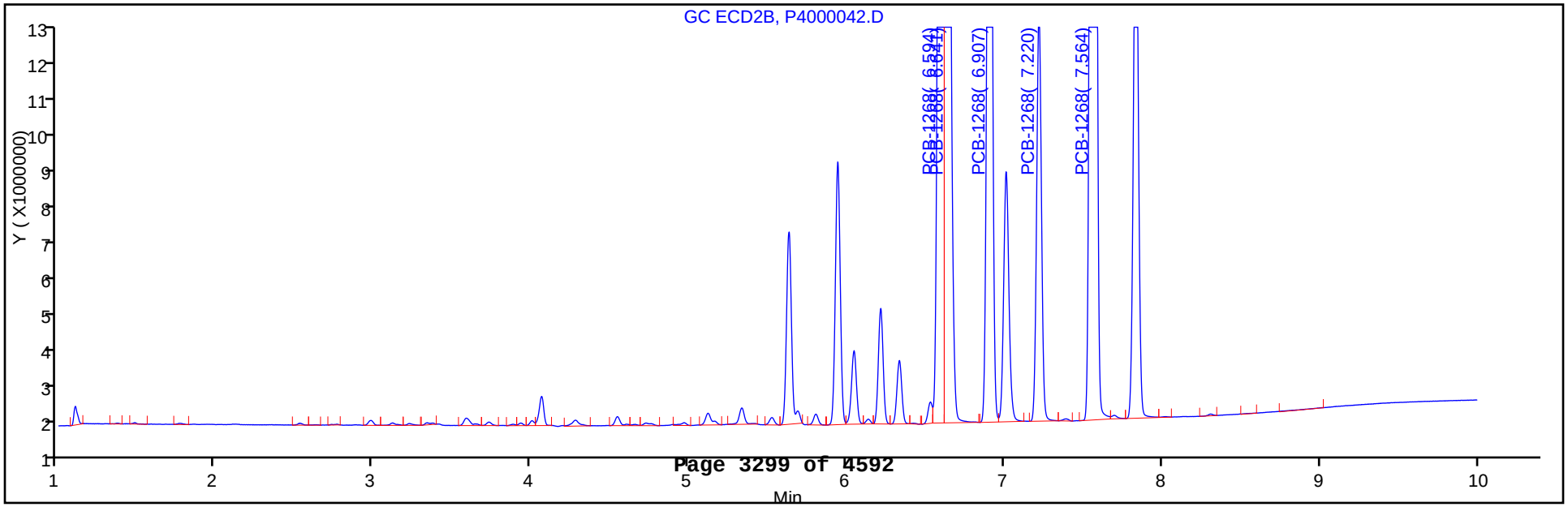
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000042.D

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			

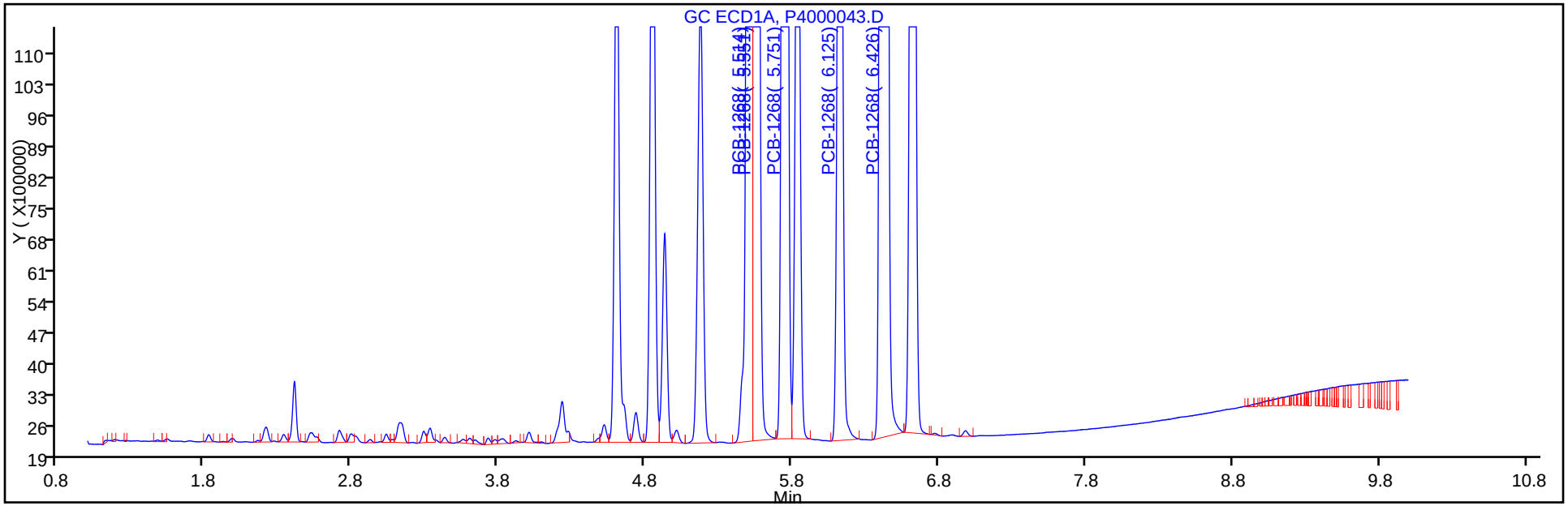
Report Date: 05-Dec-2012 06:33:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

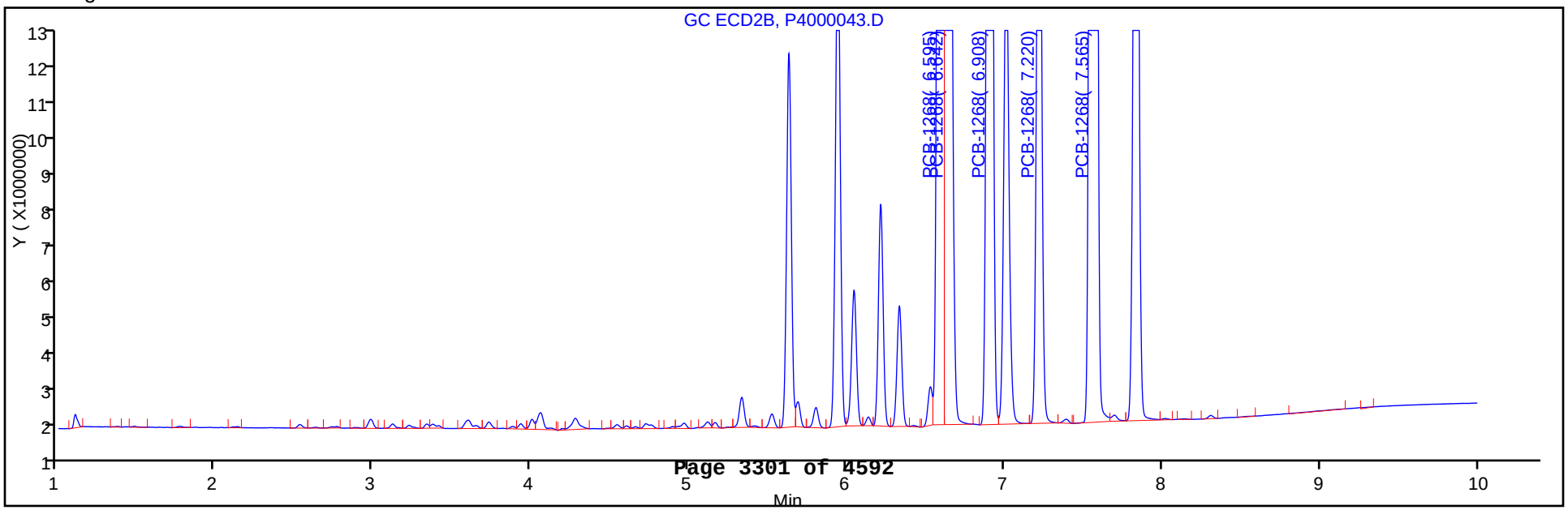
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000043.D

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			

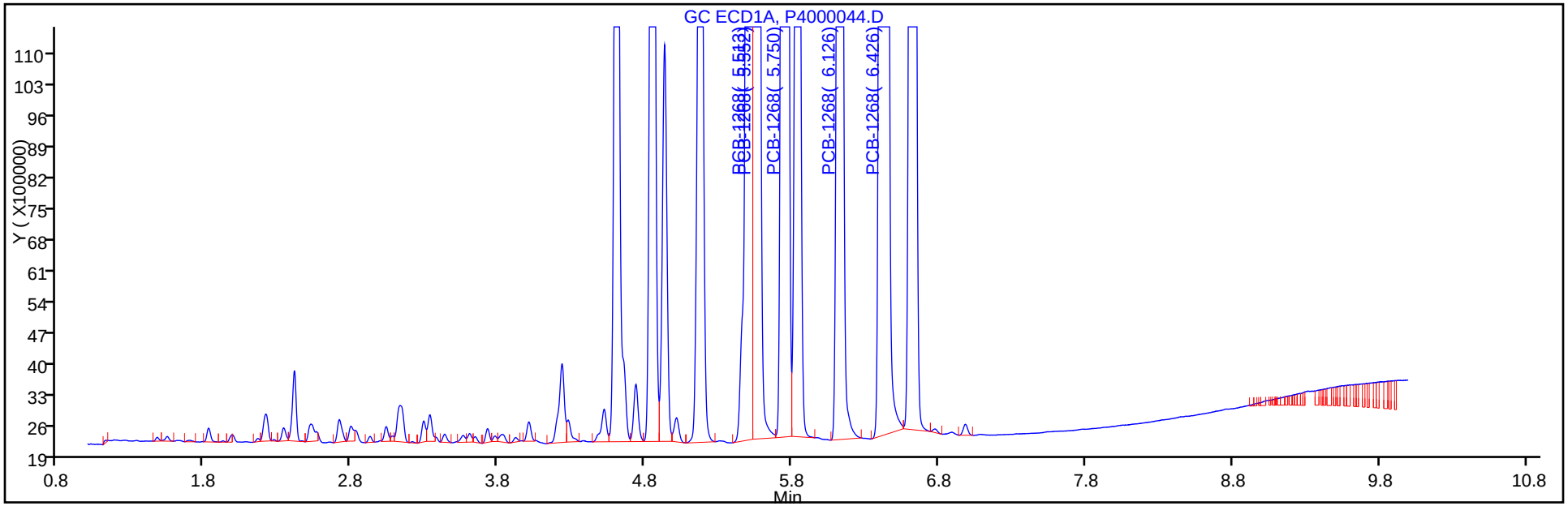
Report Date: 05-Dec-2012 06:33:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

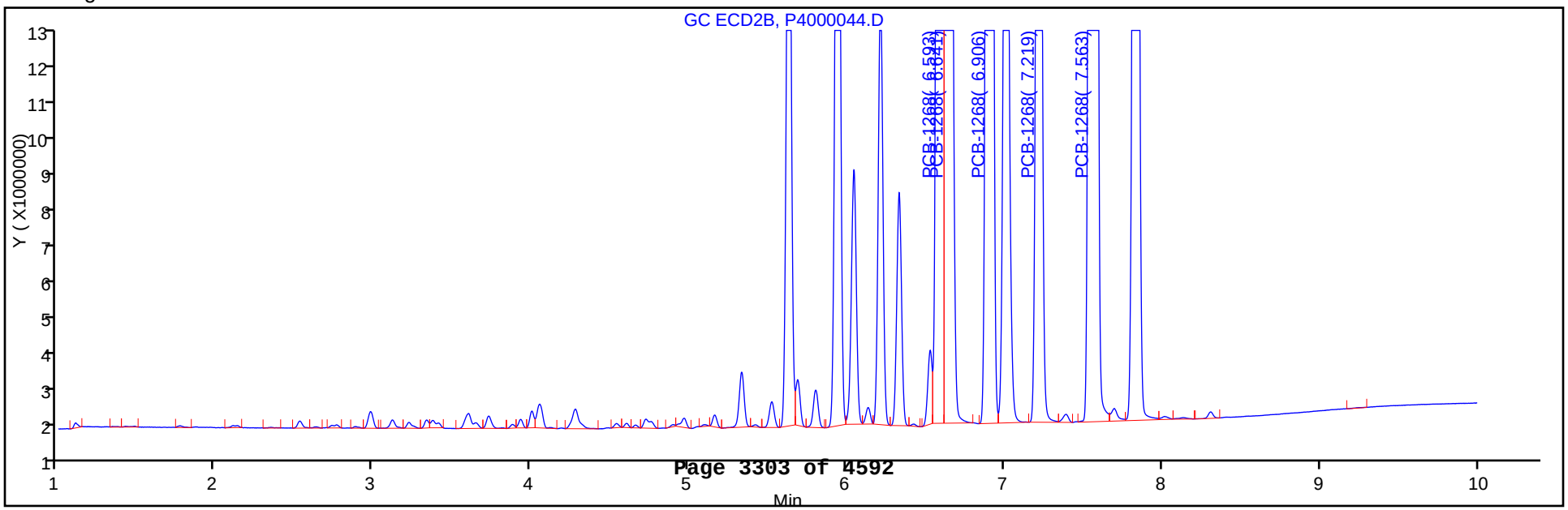
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D

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.: 240-18703-1 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.: 240-18703-1 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.: 240-18703-1 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			

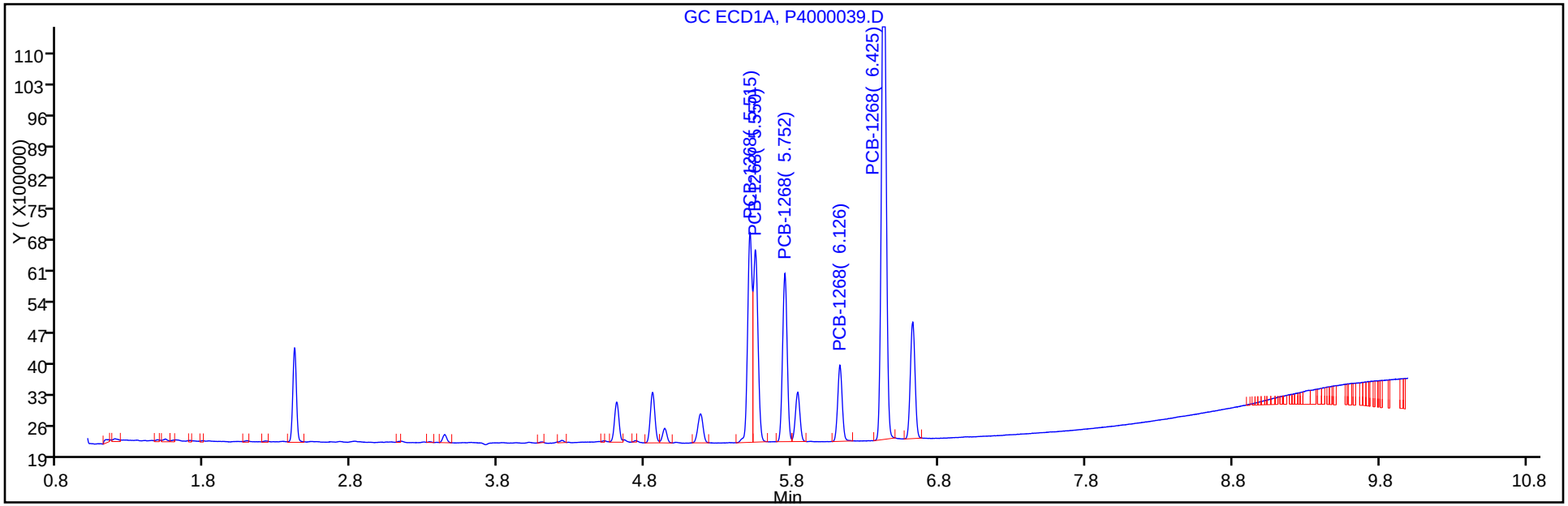
Report Date: 05-Dec-2012 06:33:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

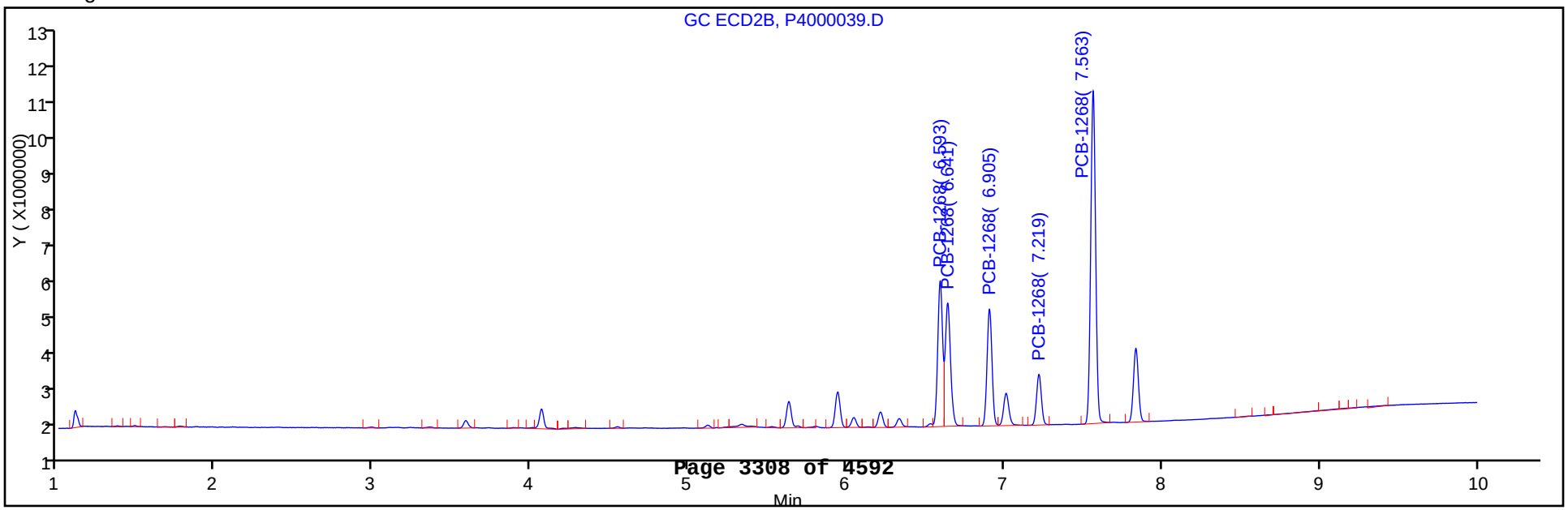
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000039.D

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			

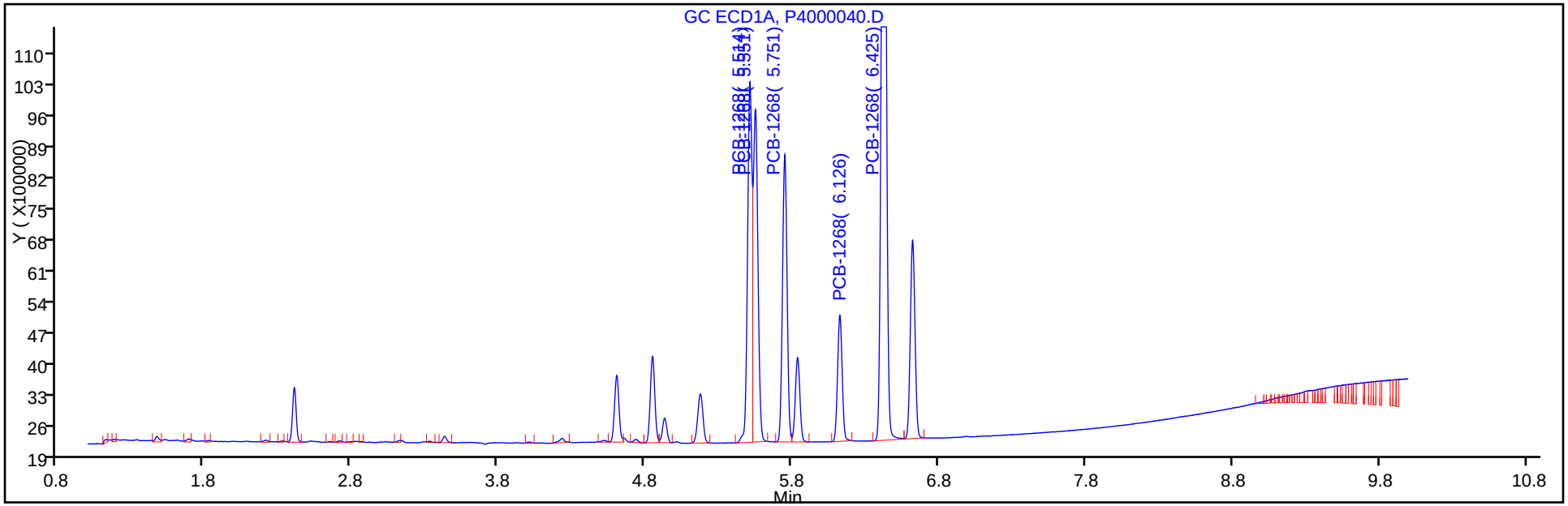
Report Date: 05-Dec-2012 06:33:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

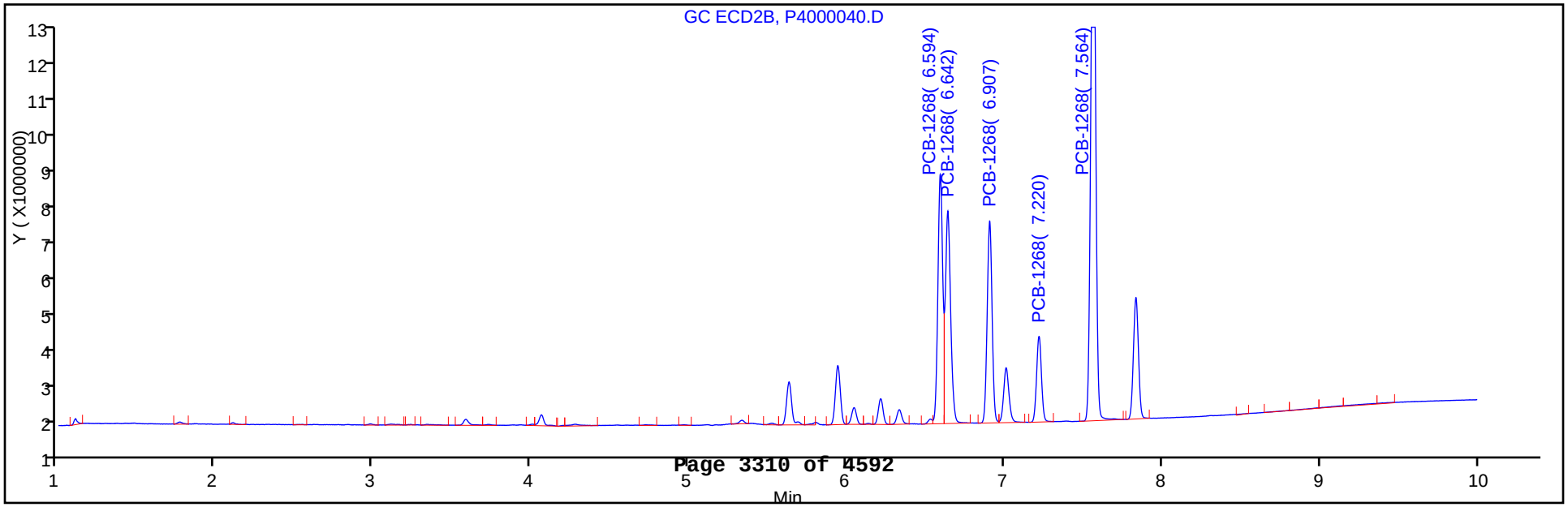
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000040.D

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			

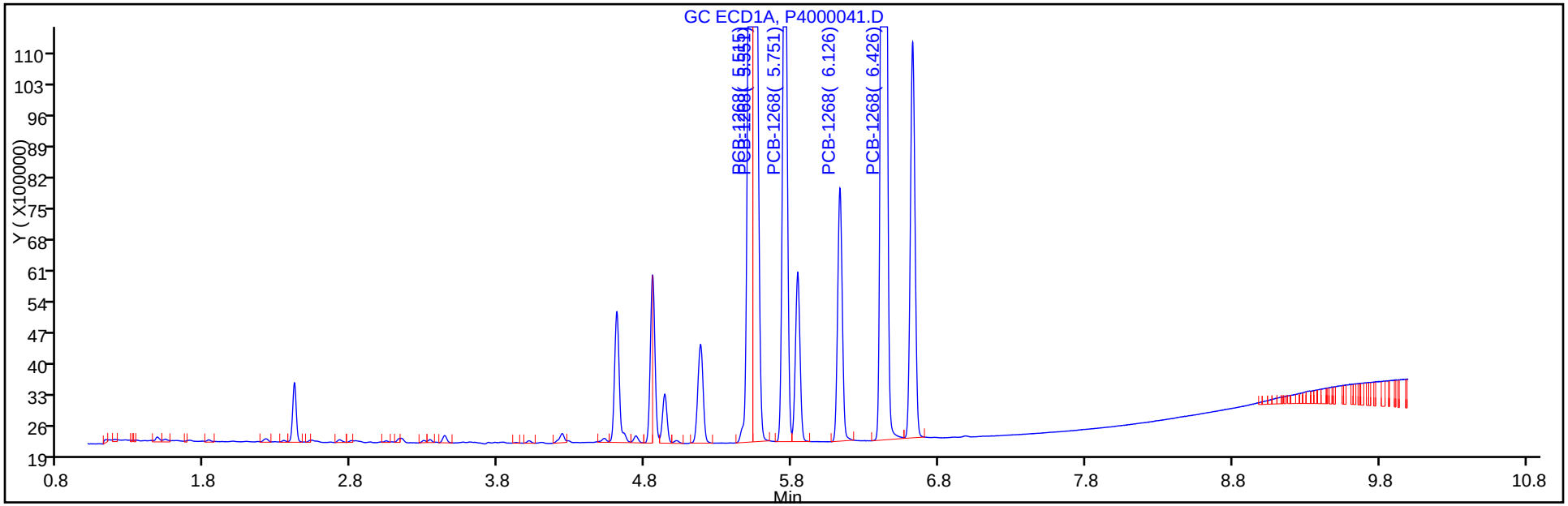
Report Date: 05-Dec-2012 06:33:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

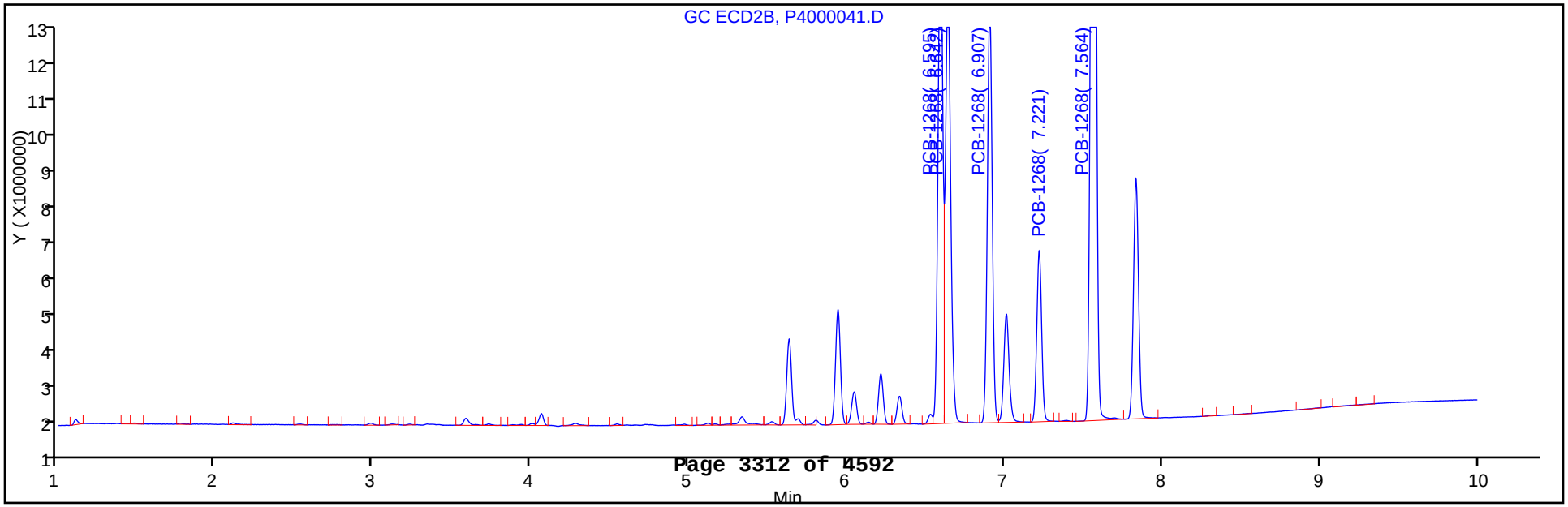
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000041.D

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			

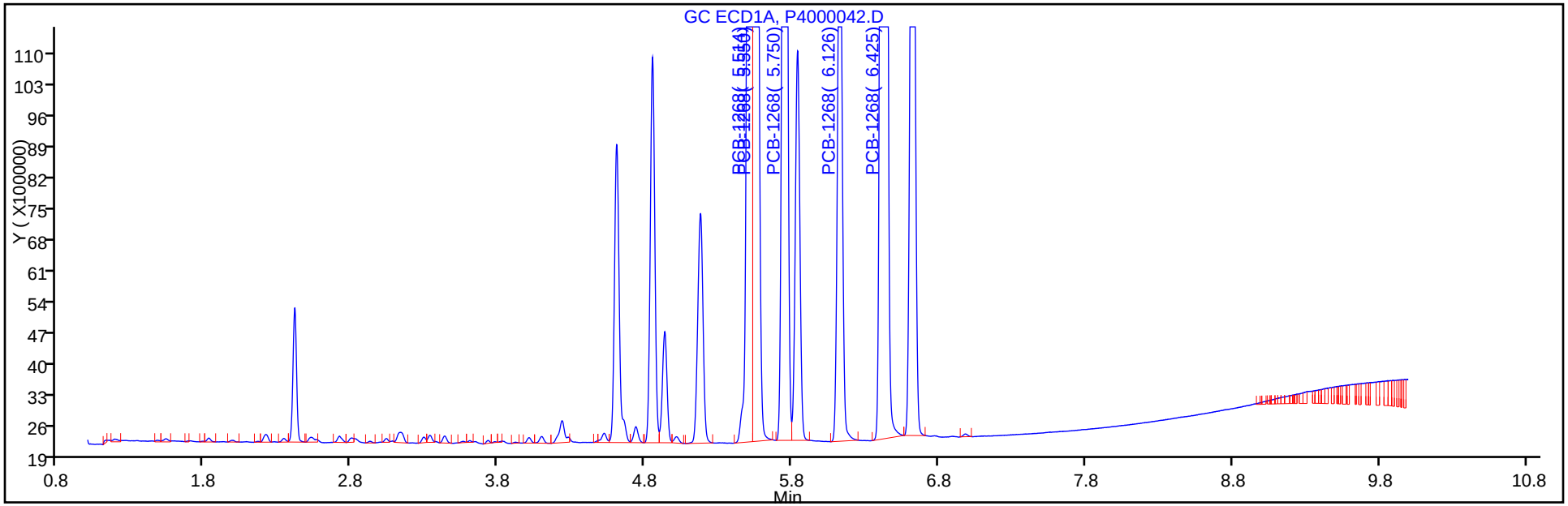
Report Date: 05-Dec-2012 06:33:31 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

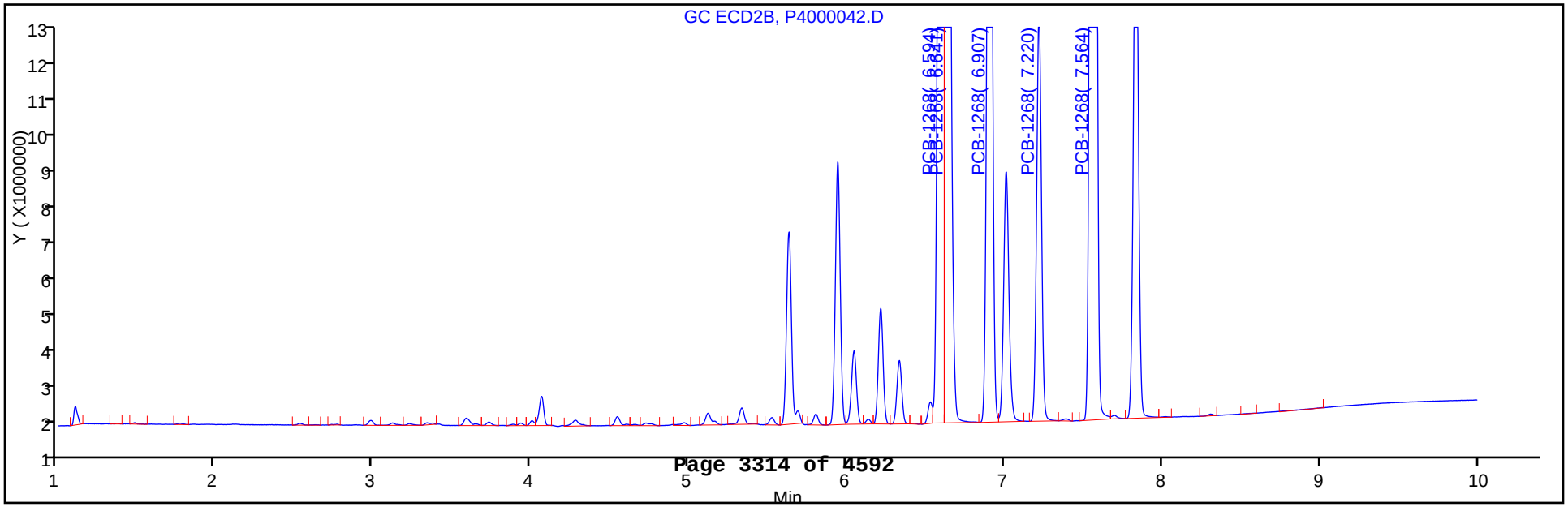
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000042.D

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			

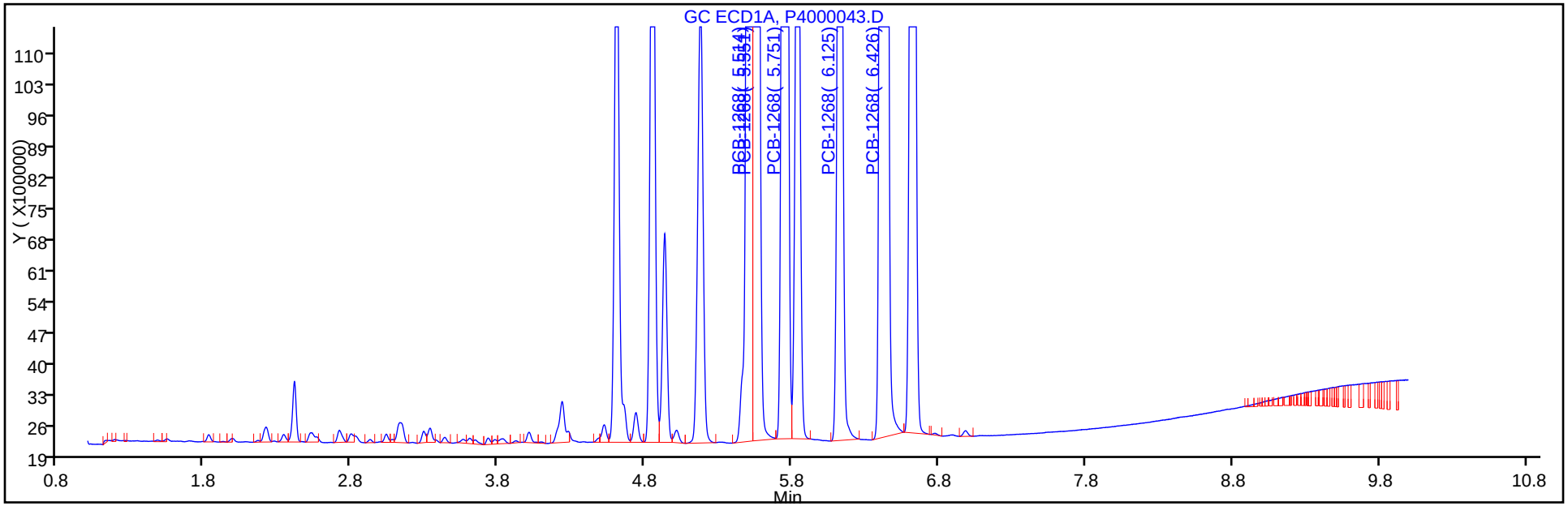
Report Date: 05-Dec-2012 06:33:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

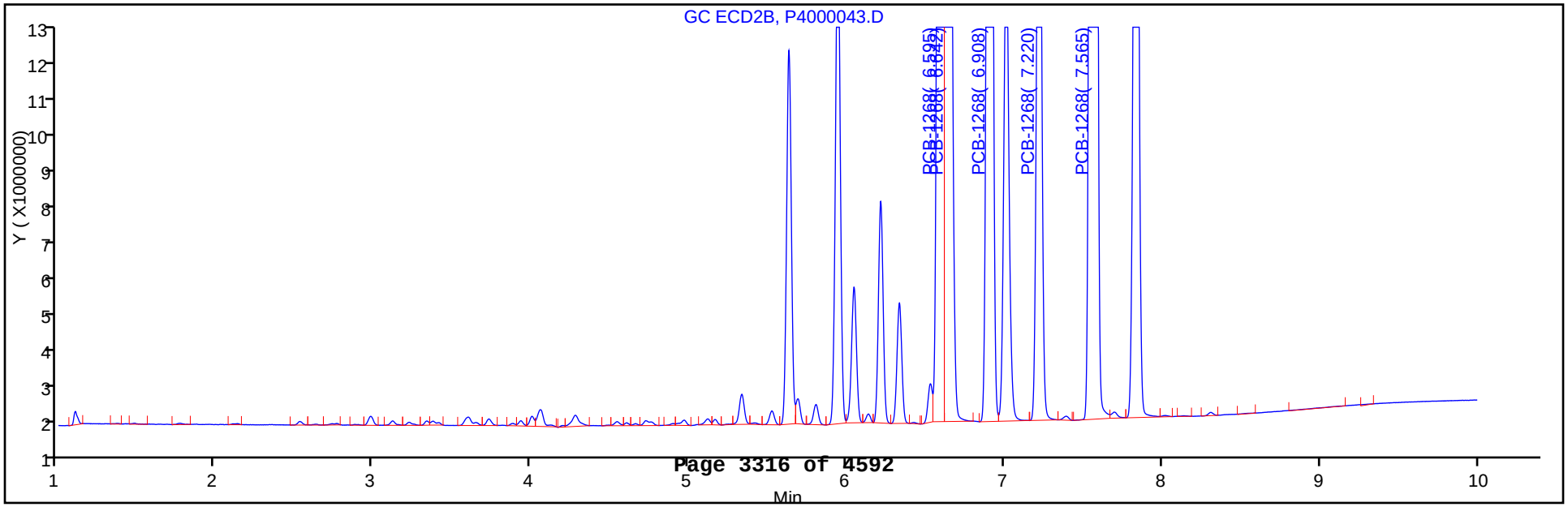
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000043.D

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			

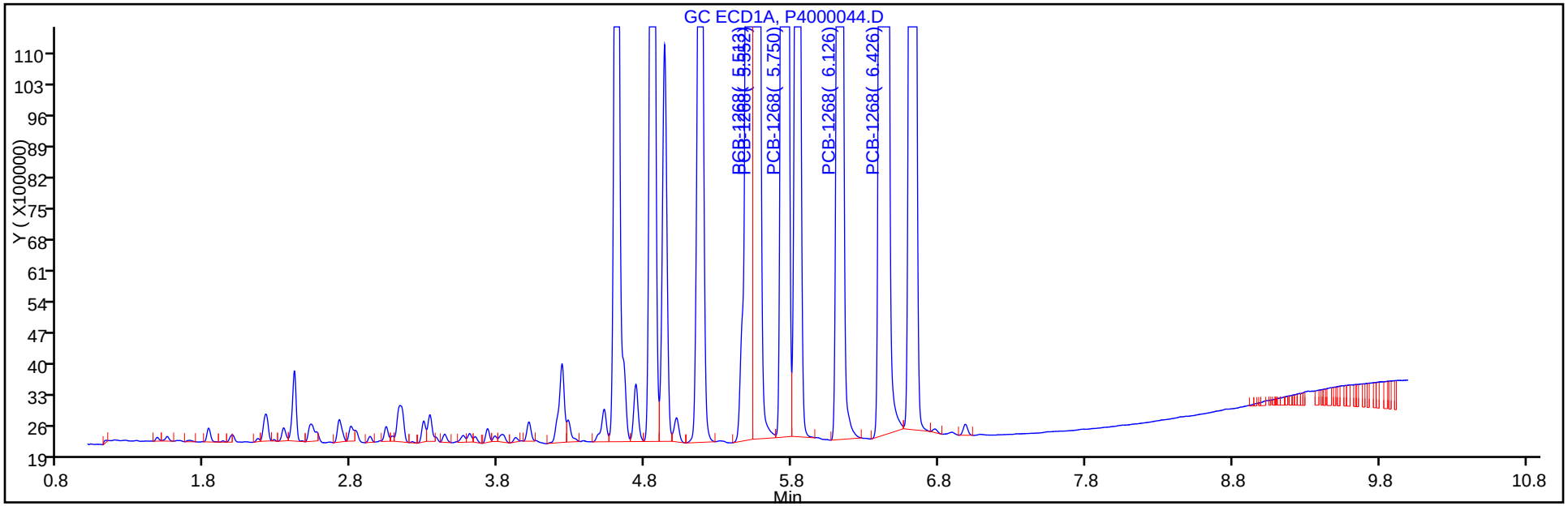
Report Date: 05-Dec-2012 06:33:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

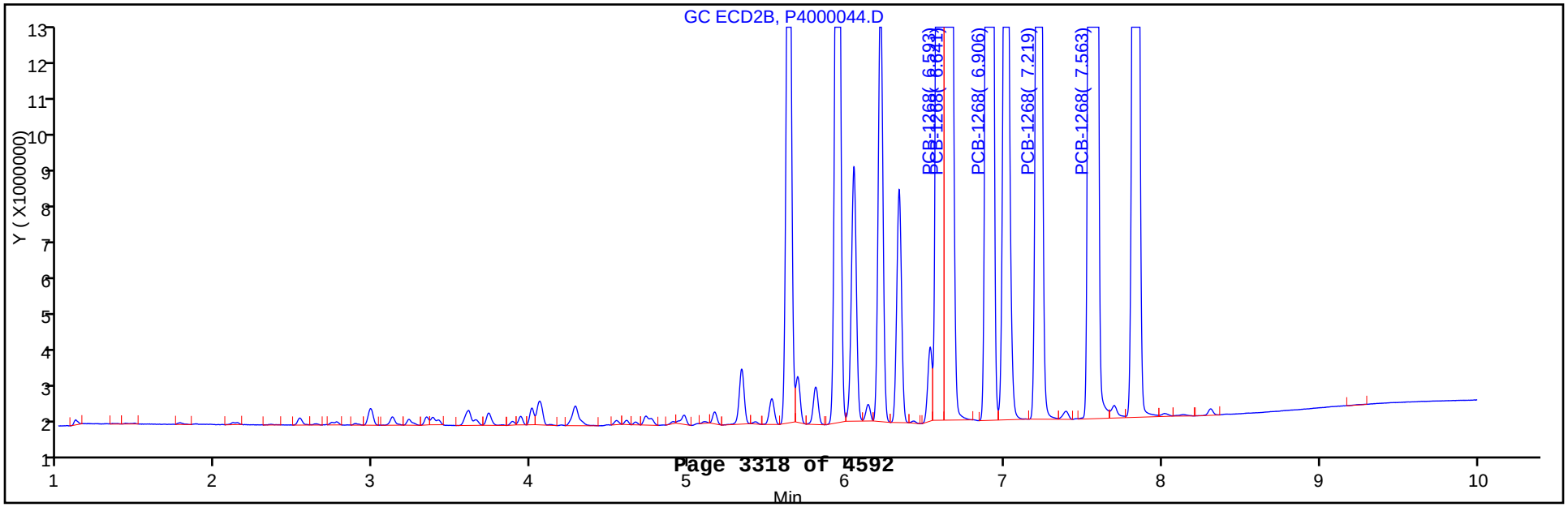
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D

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.: 240-18703-1

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.: 240-18703-1

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

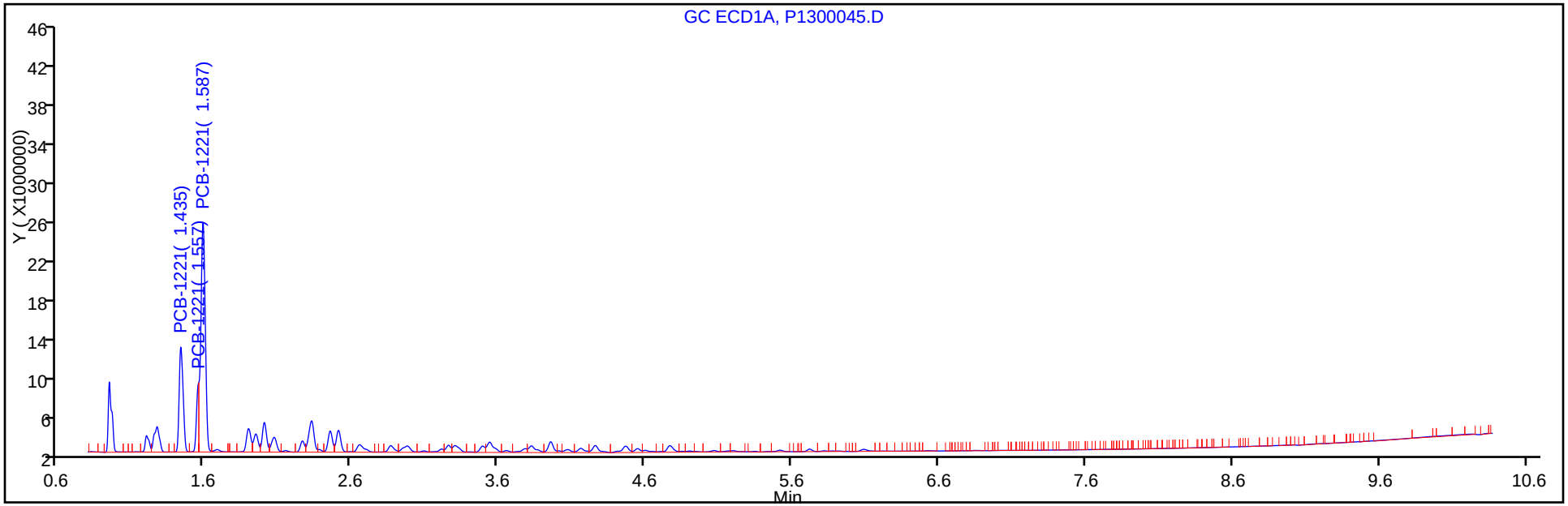
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

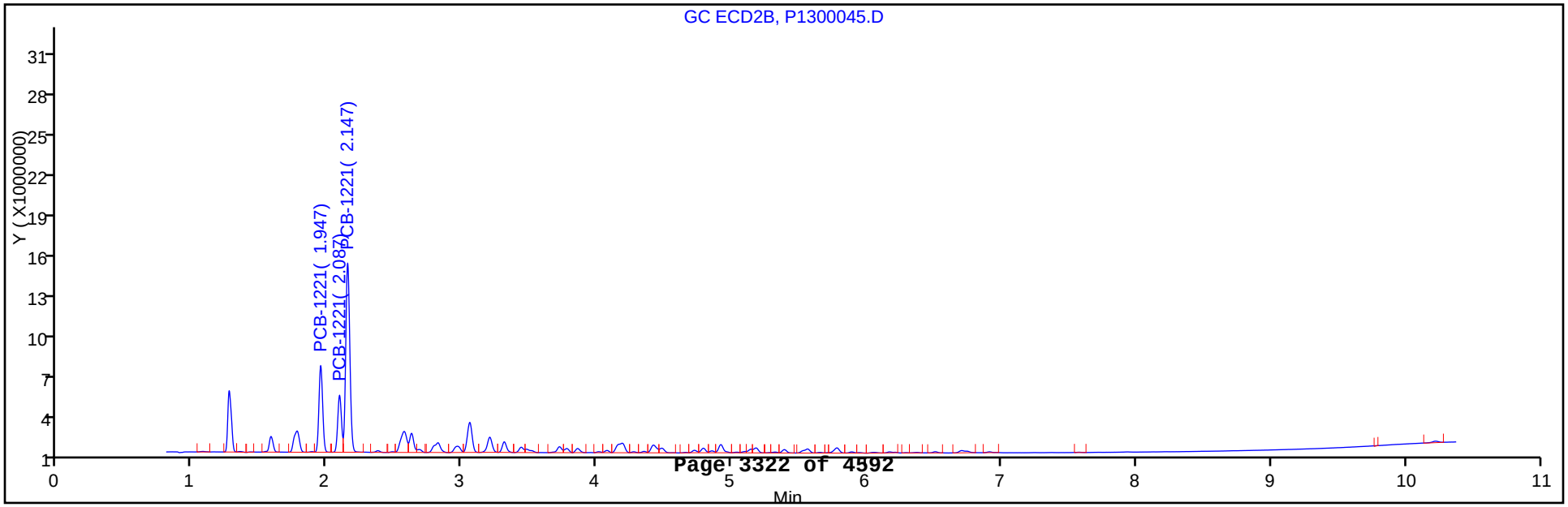
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

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



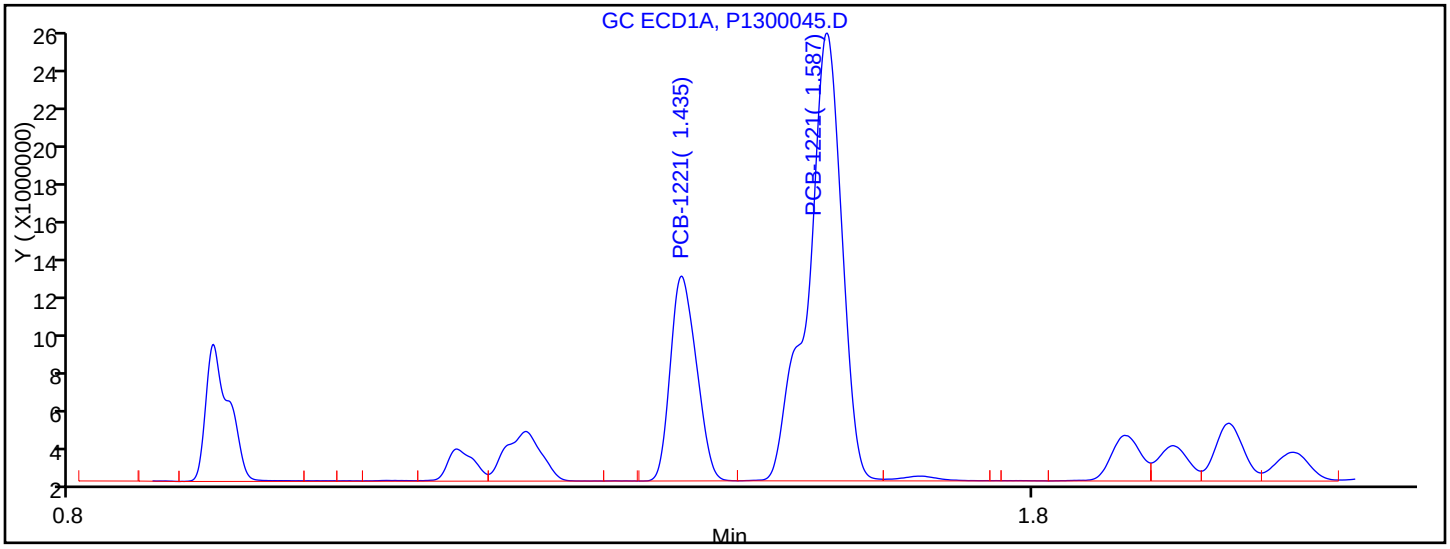
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

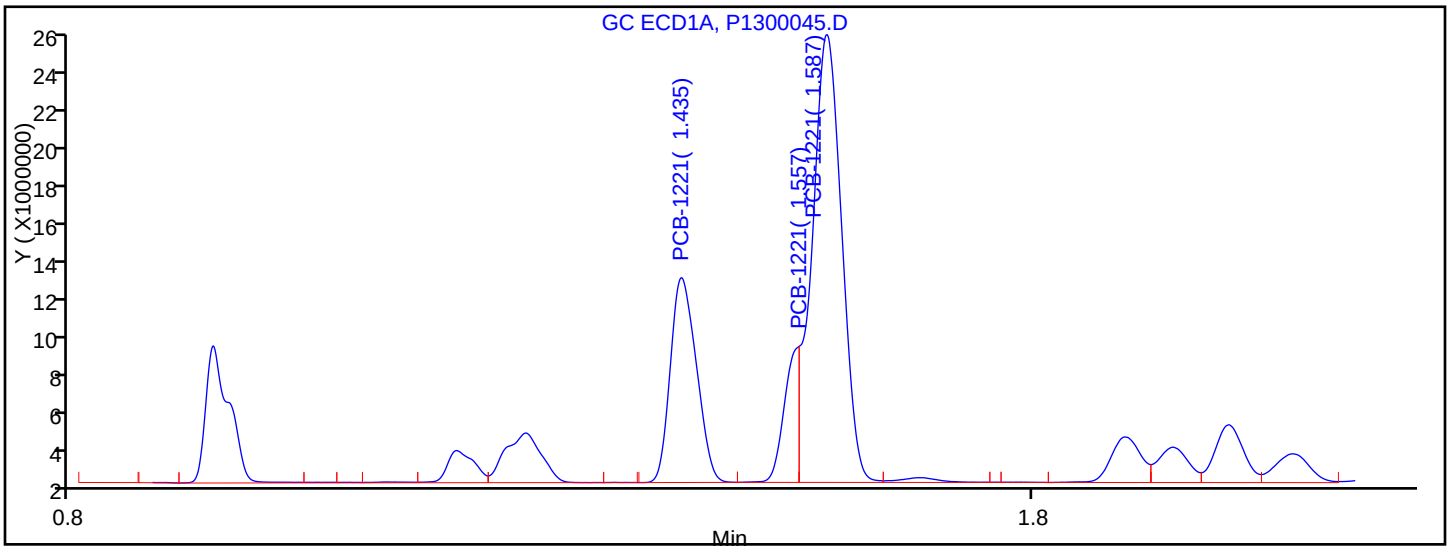
Injection Date:	22-Oct-2012 03:19:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1

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.: 240-18703-1

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

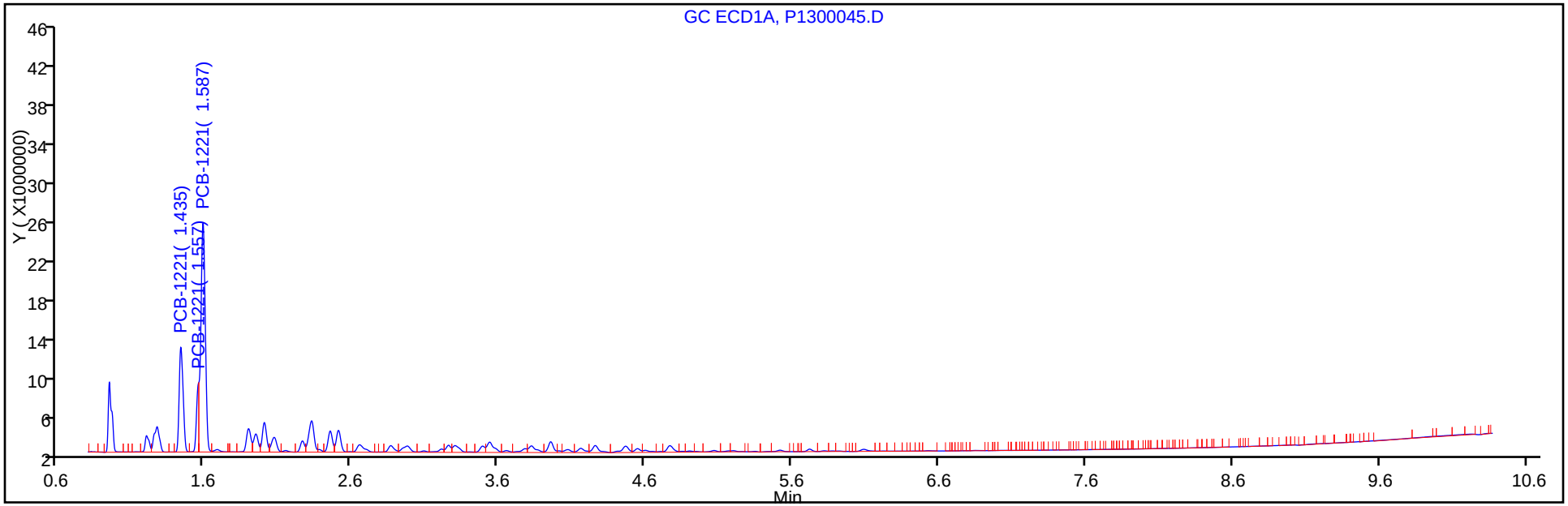
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

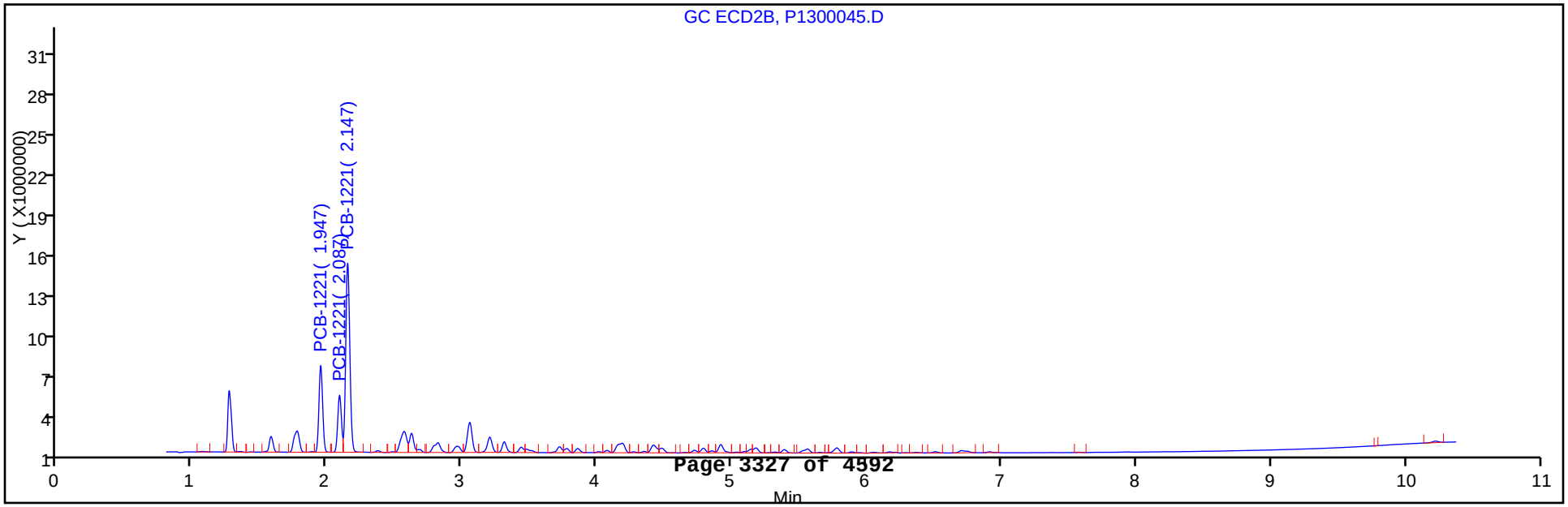
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

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.: 240-18703-1

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.: 240-18703-1

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

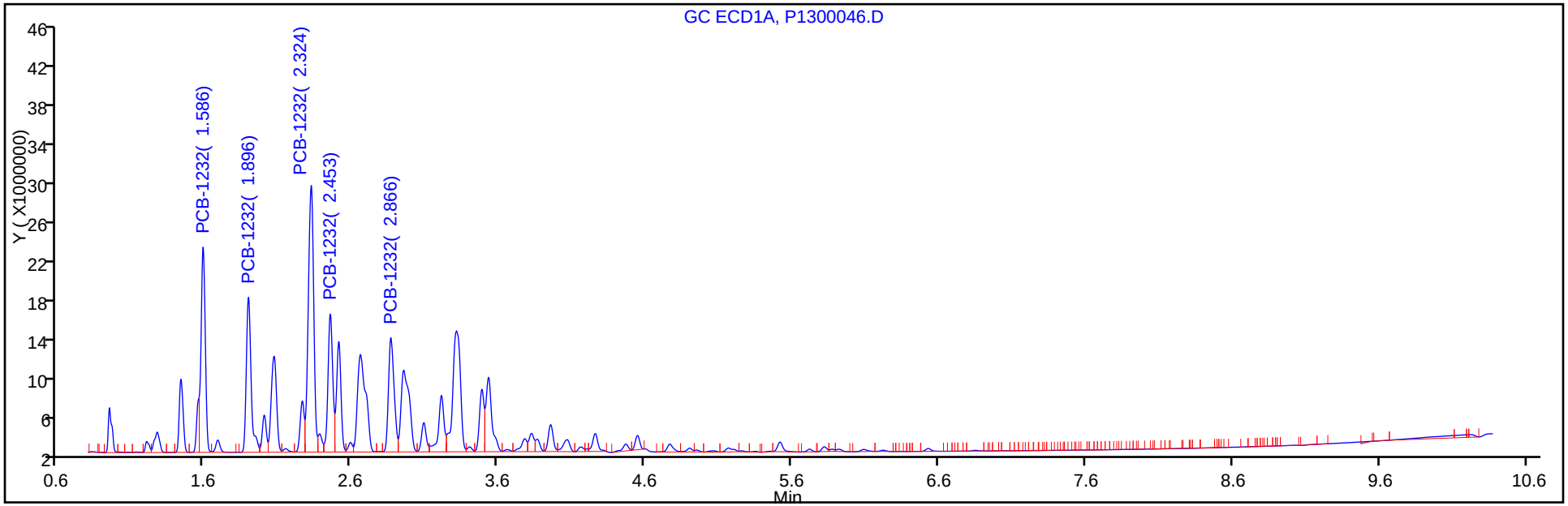
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

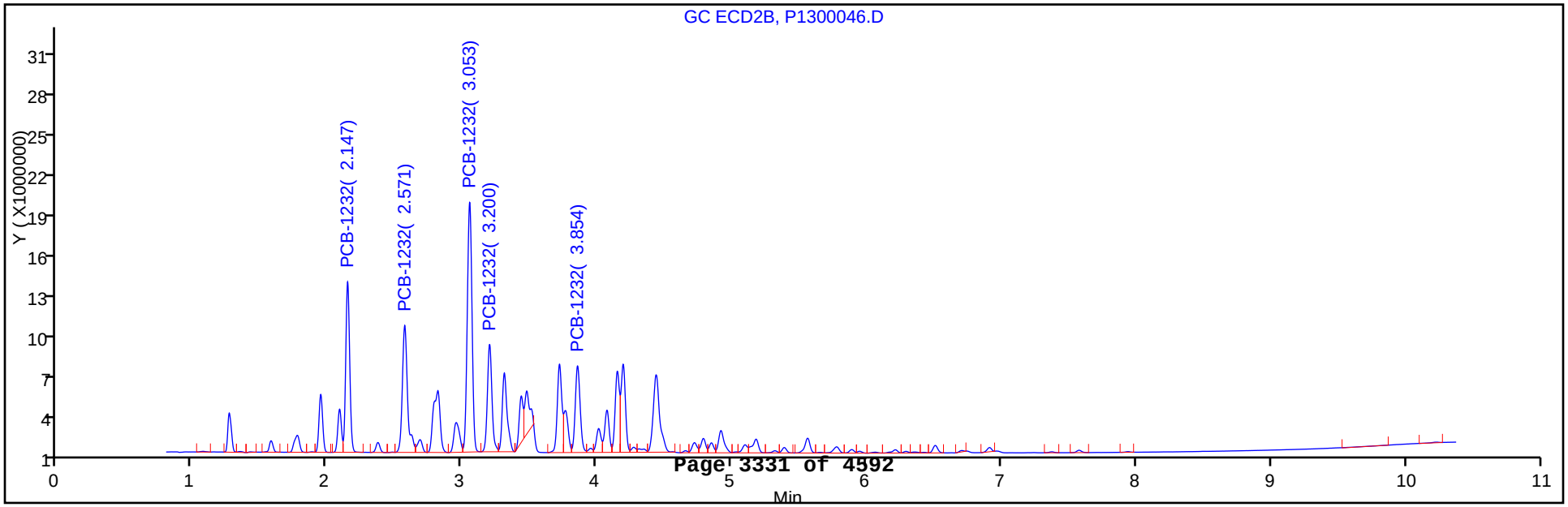
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

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



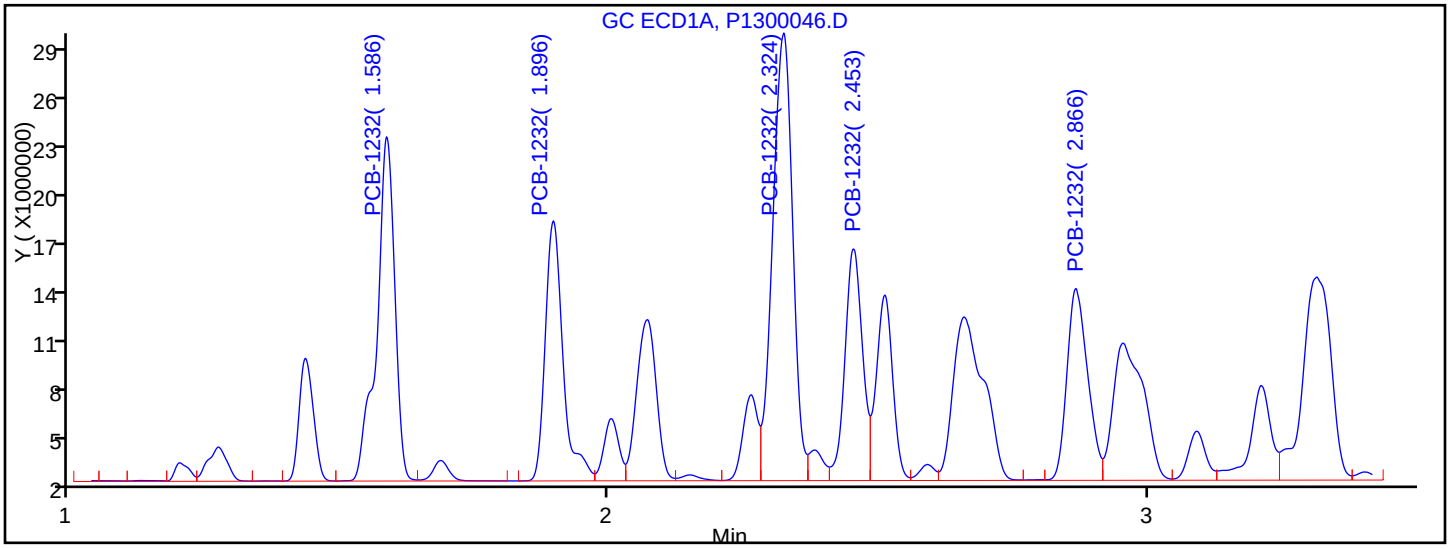
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

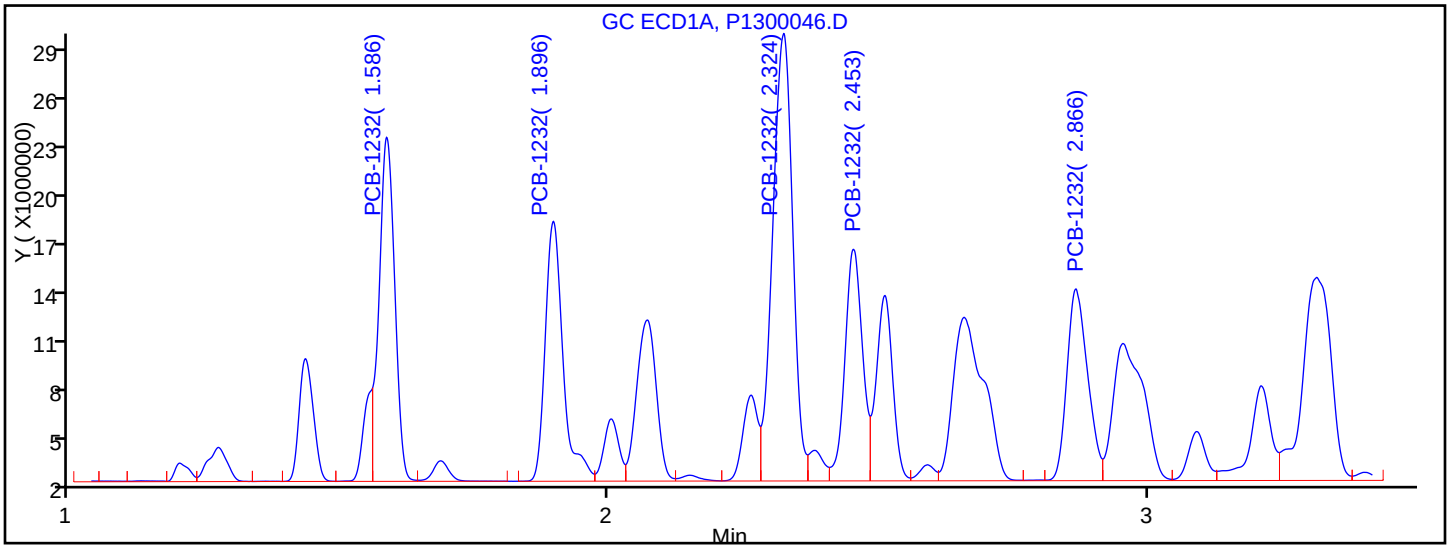
Injection Date:	22-Oct-2012 03:34:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1

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.: 240-18703-1

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

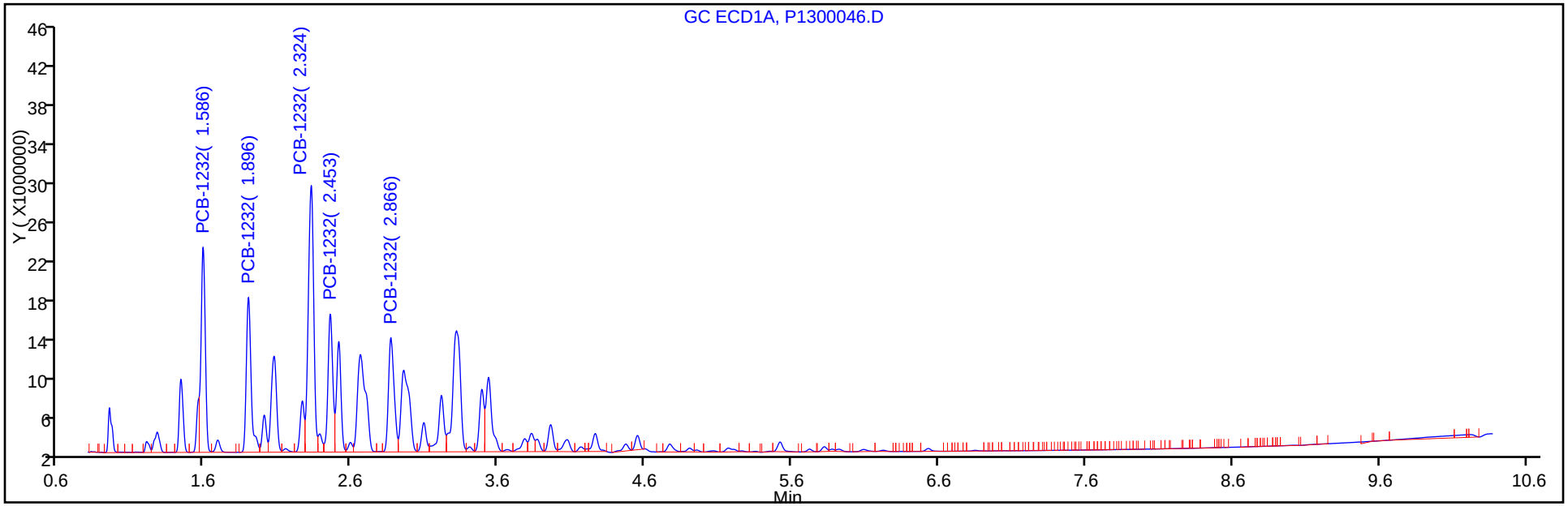
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

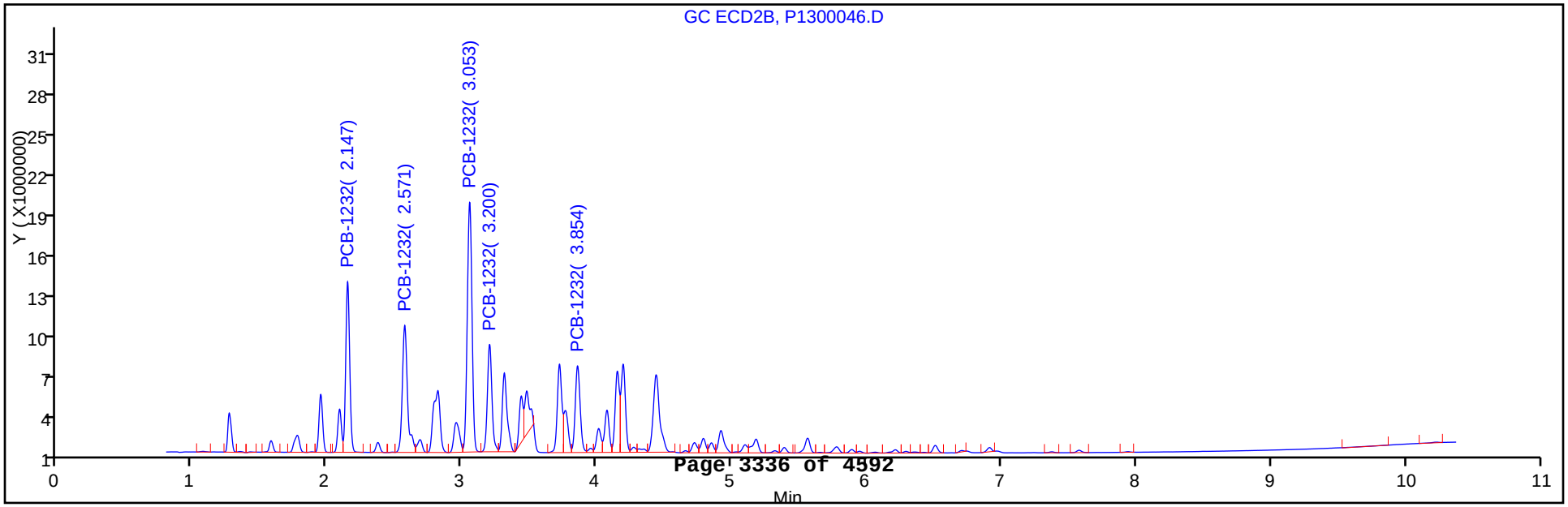
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

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.: 240-18703-1

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.: 240-18703-1

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

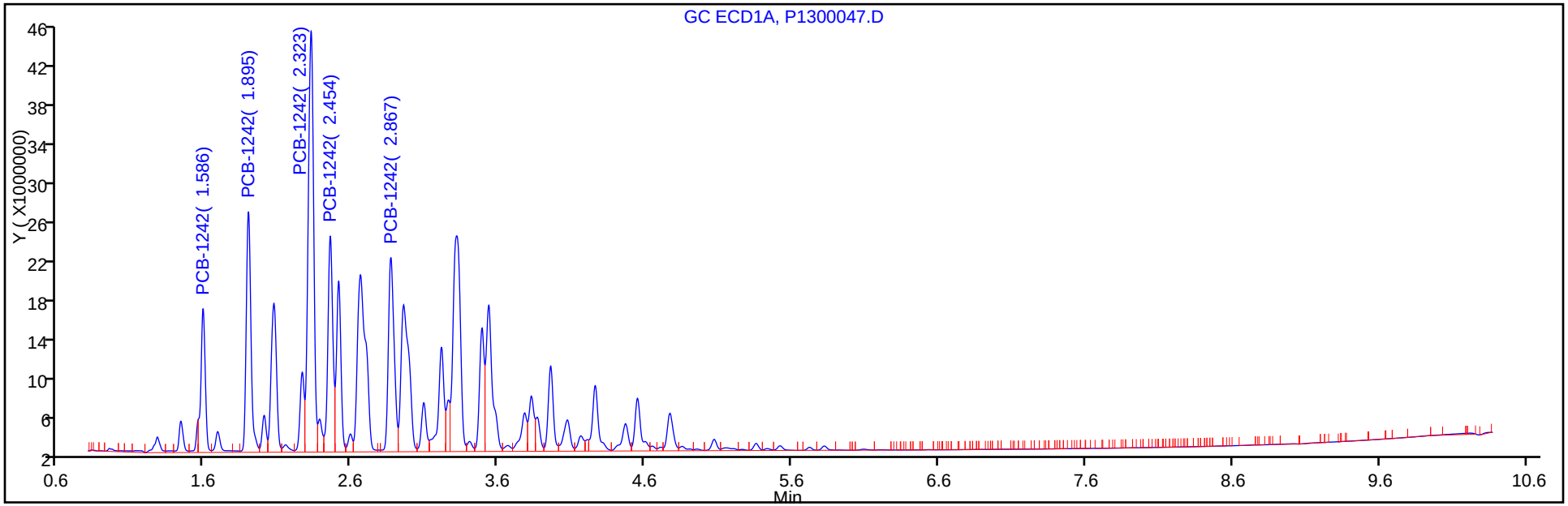
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

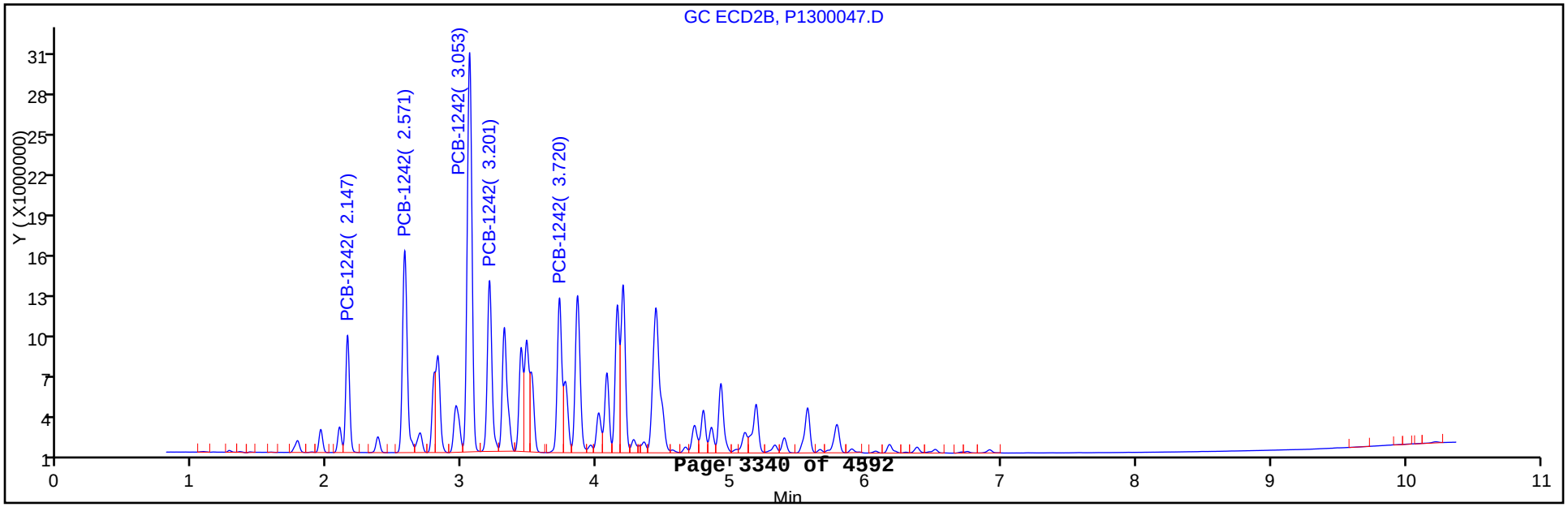
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

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



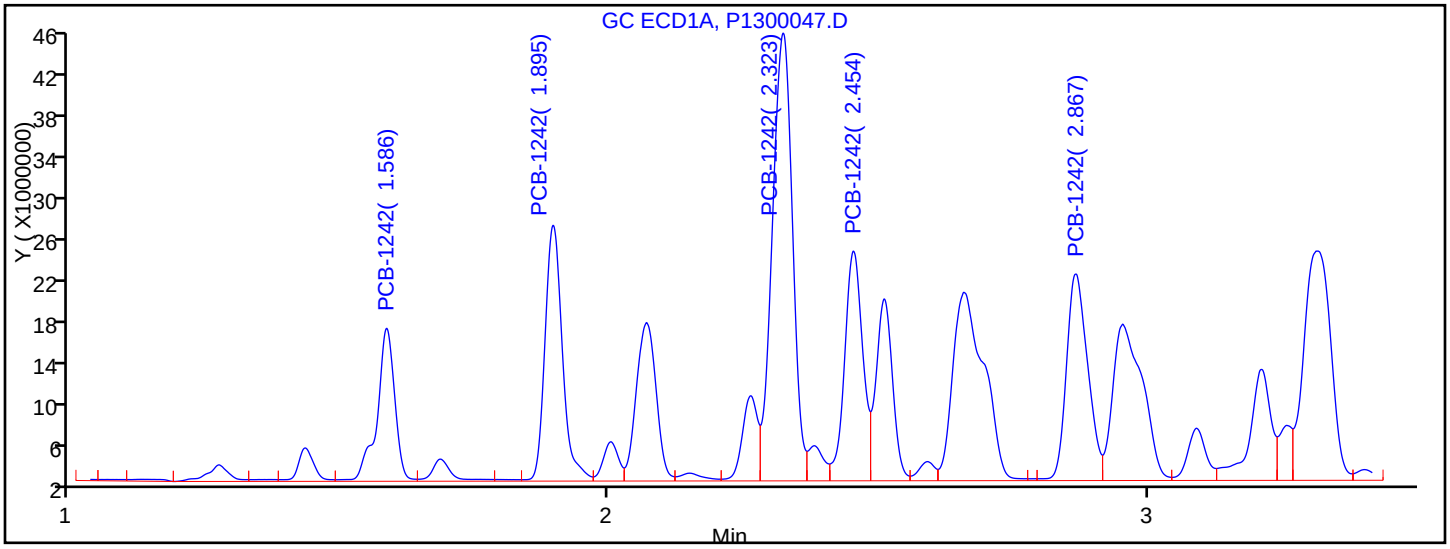
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

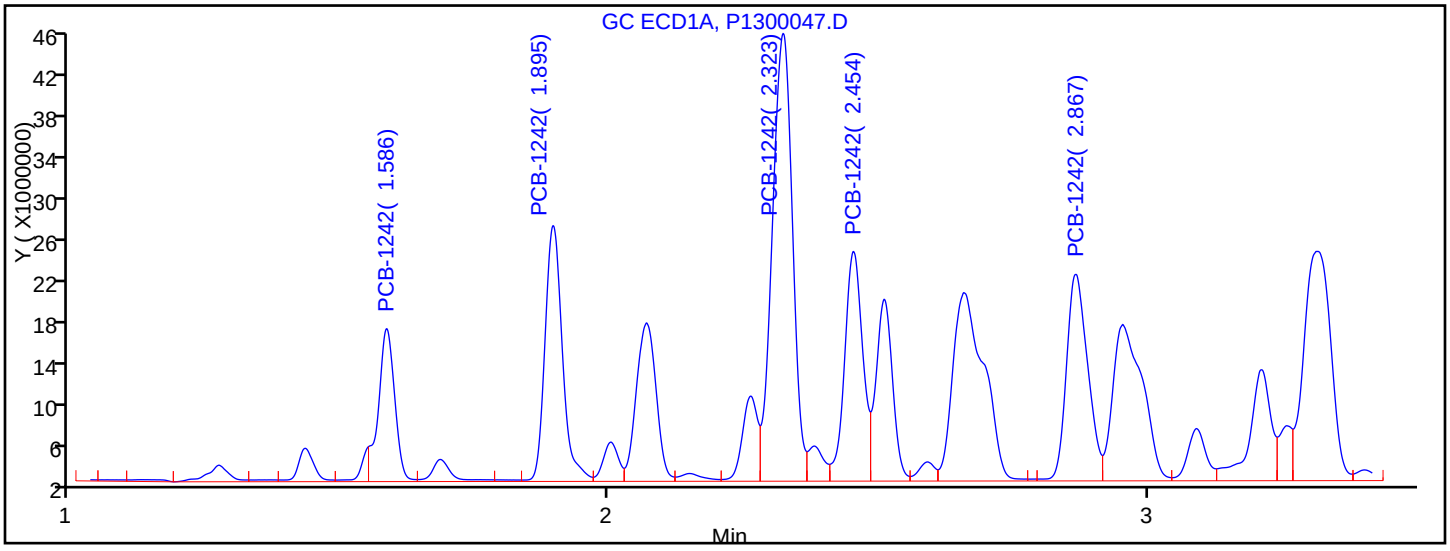
Injection Date:	22-Oct-2012 03:49:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1

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.: 240-18703-1

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

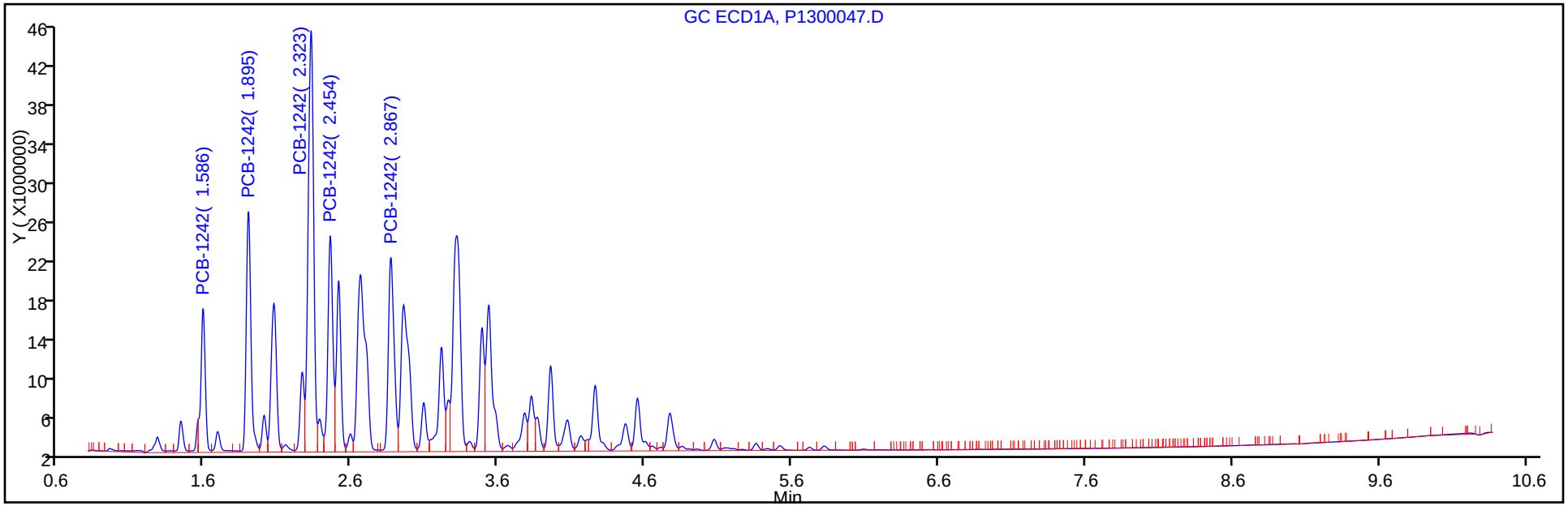
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

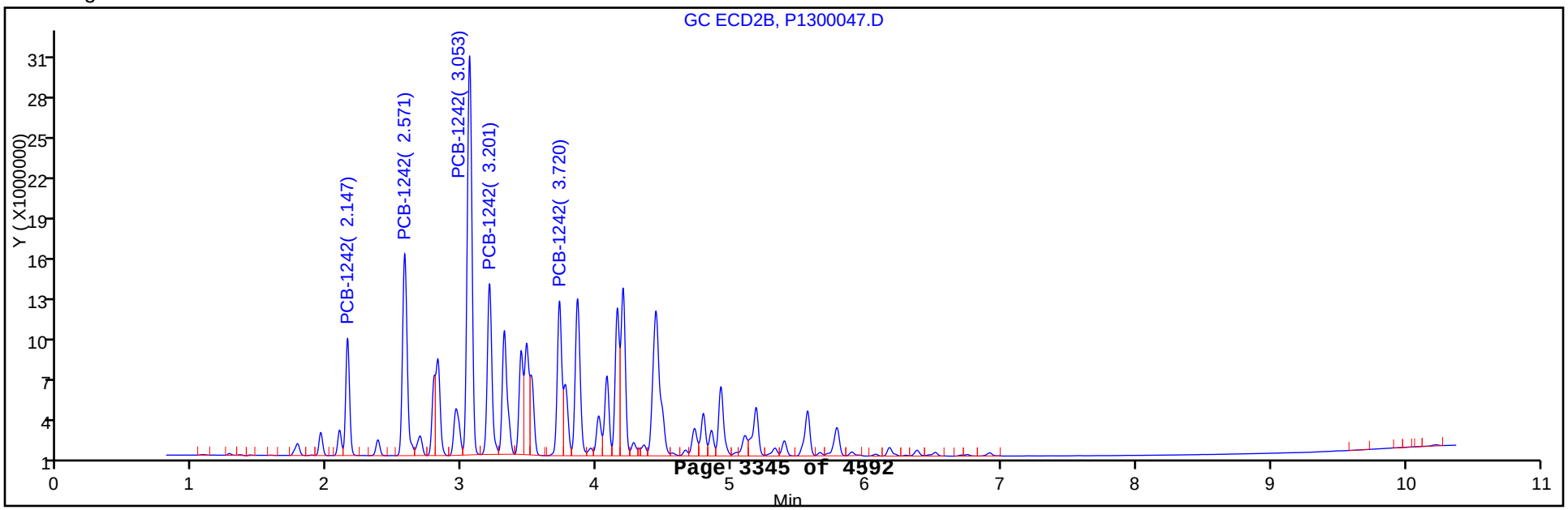
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

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.: 240-18703-1

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.: 240-18703-1

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			

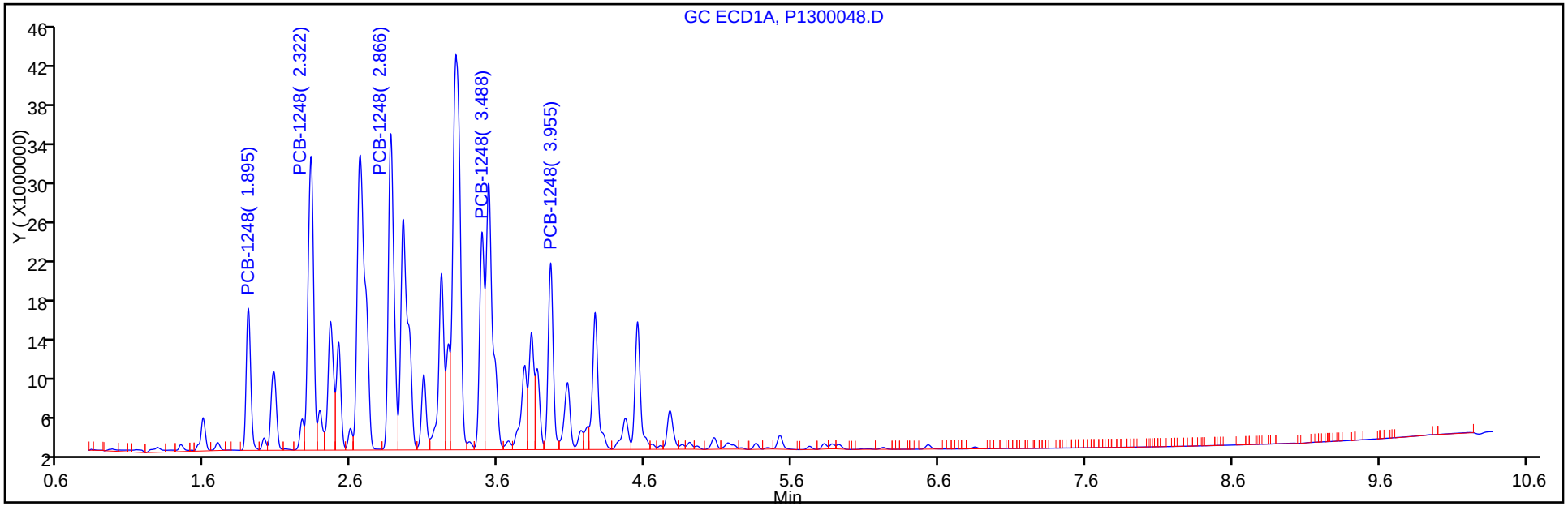
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TestAmerica Canton

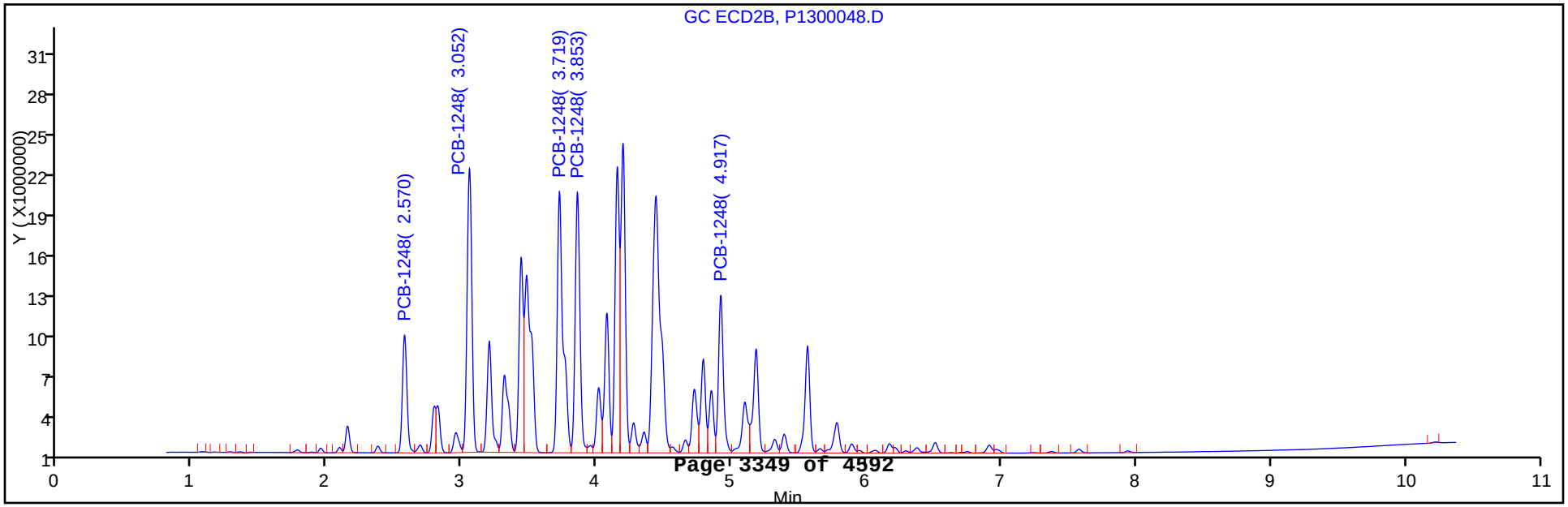
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D

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.: 240-18703-1

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.: 240-18703-1

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			

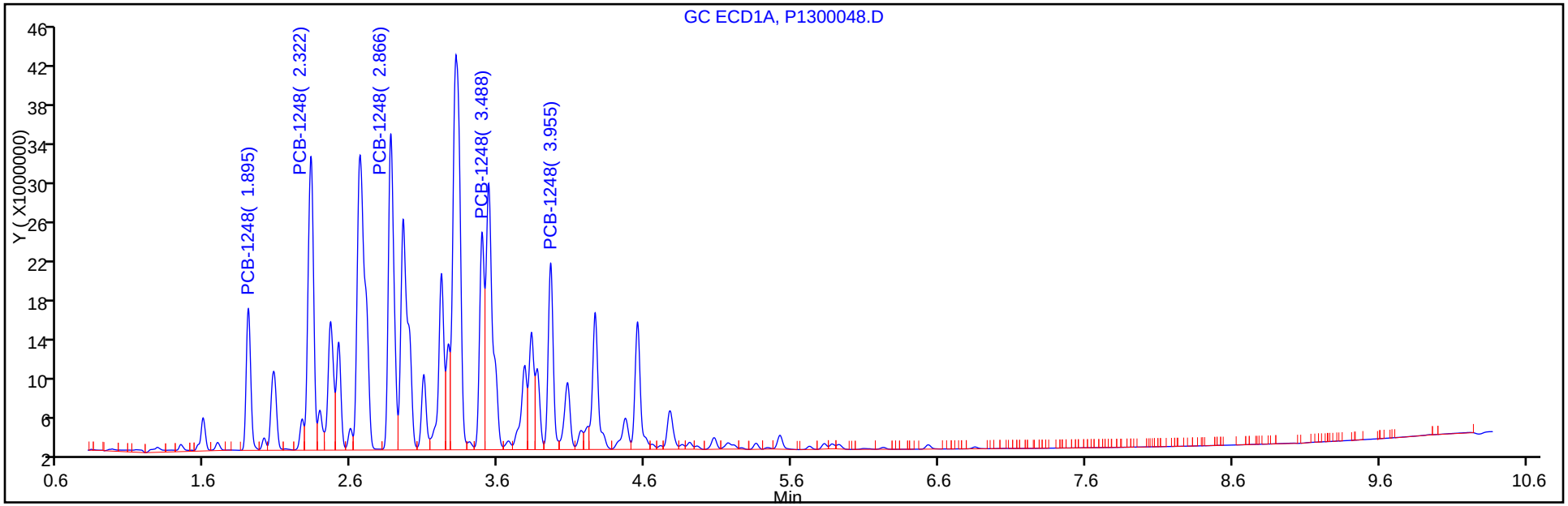
Report Date: 22-Oct-2012 09:17:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

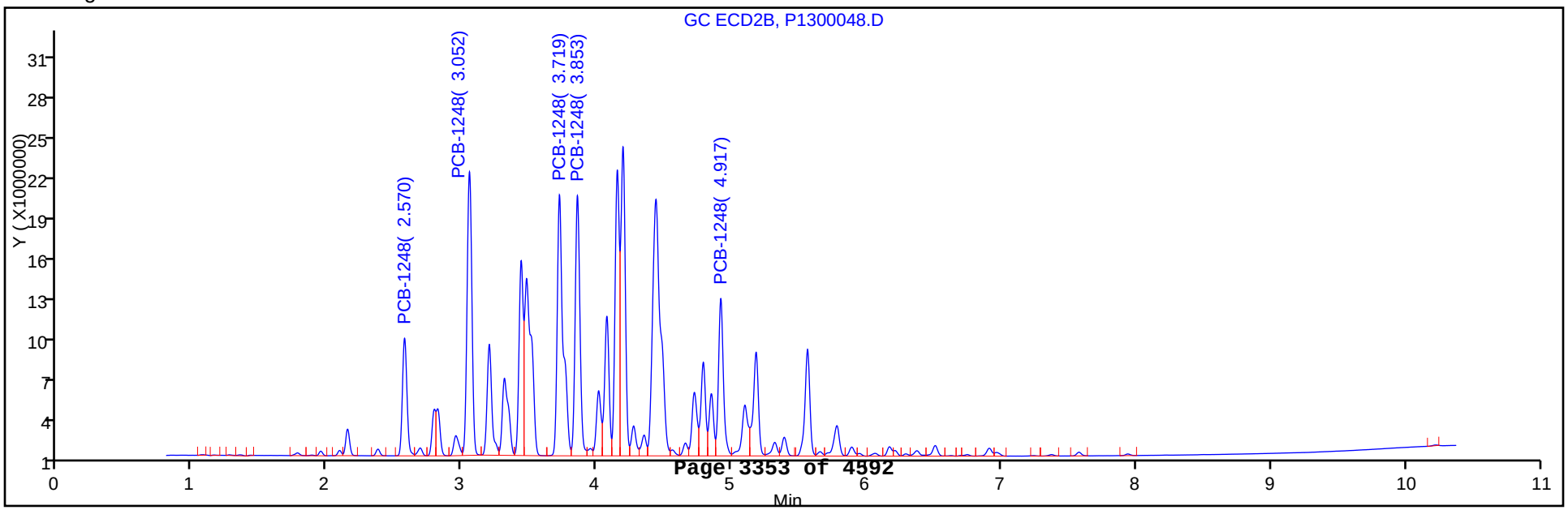
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D

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.: 240-18703-1

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.: 240-18703-1

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			

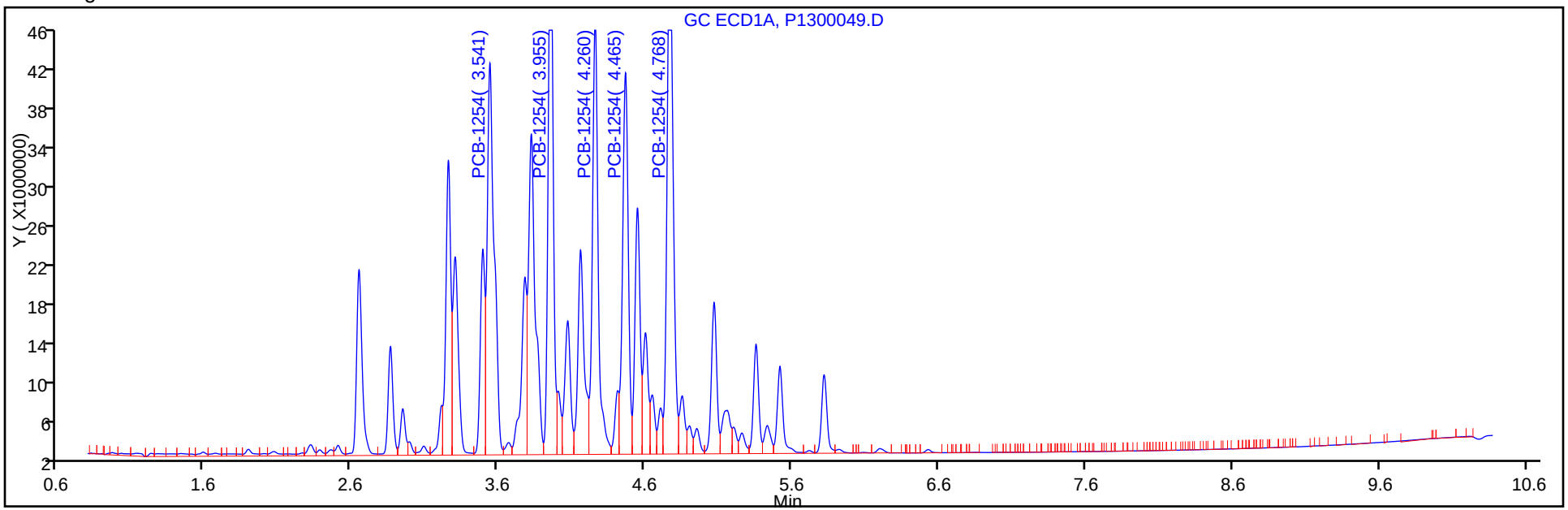
Report Date: 22-Oct-2012 09:17:34 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

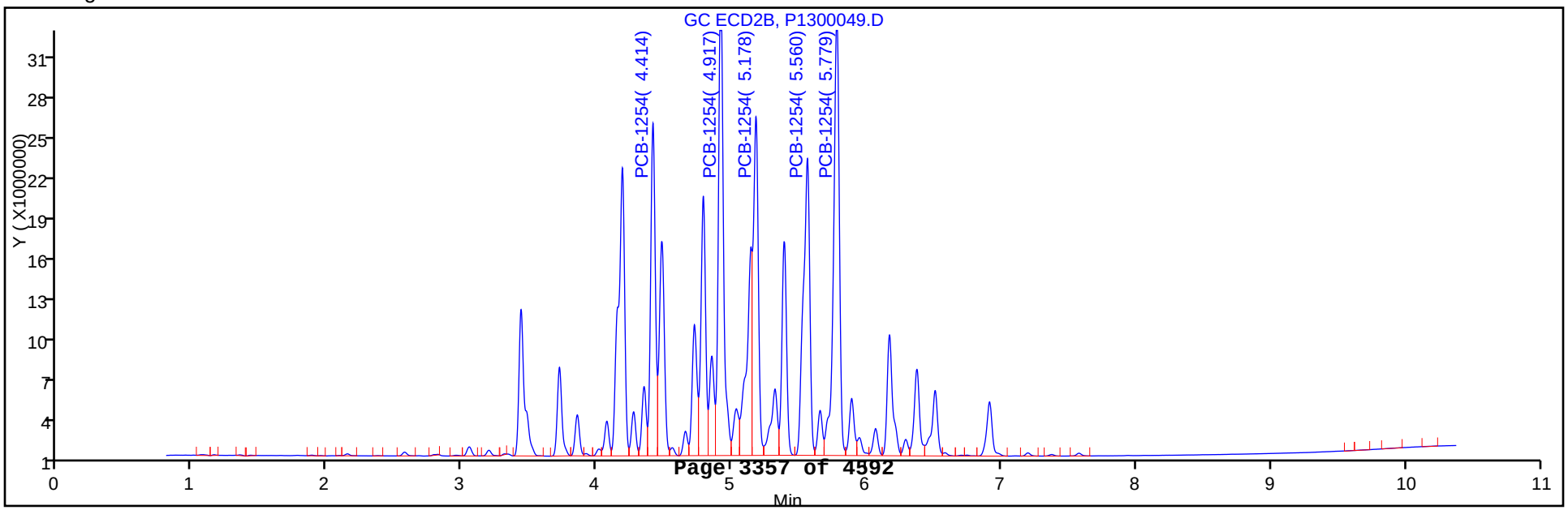
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D

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.: 240-18703-1

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.: 240-18703-1

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			

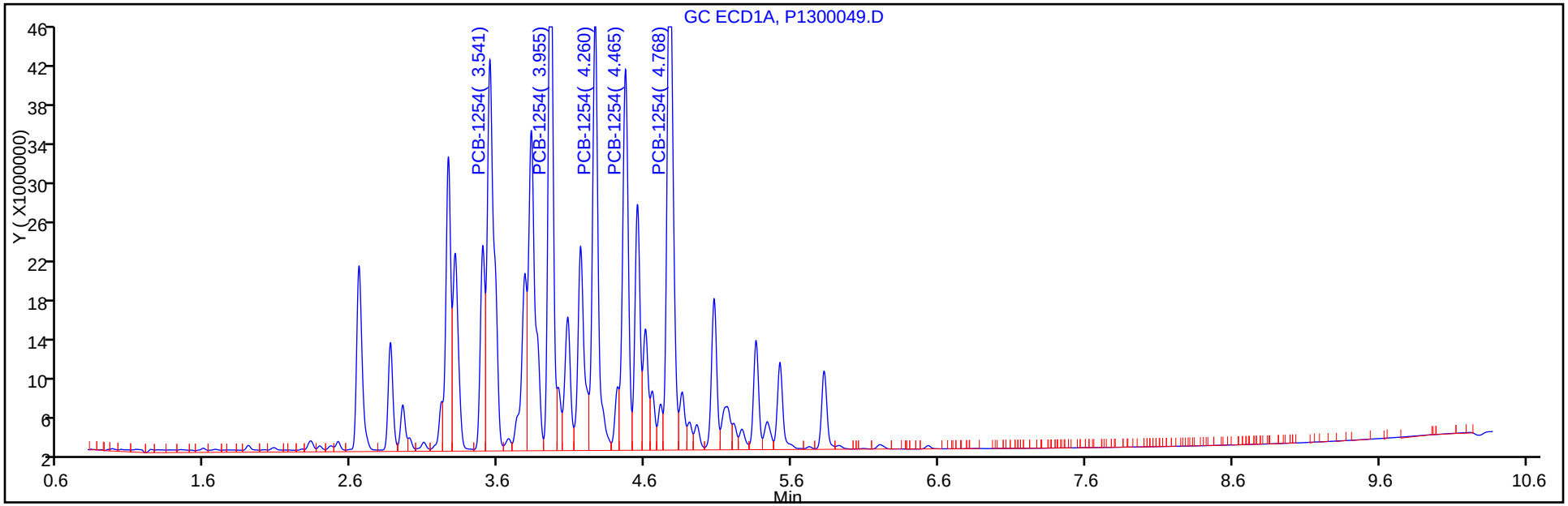
Report Date: 22-Oct-2012 09:17:34 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

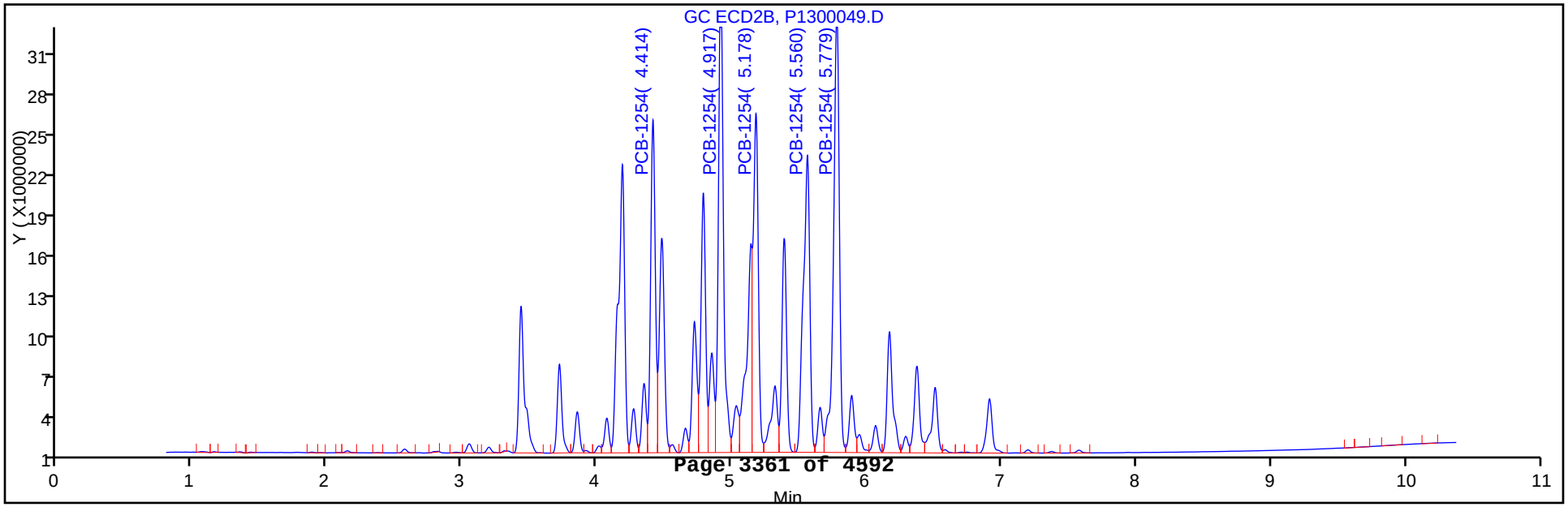
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D

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.: 240-18703-1

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.: 240-18703-1

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

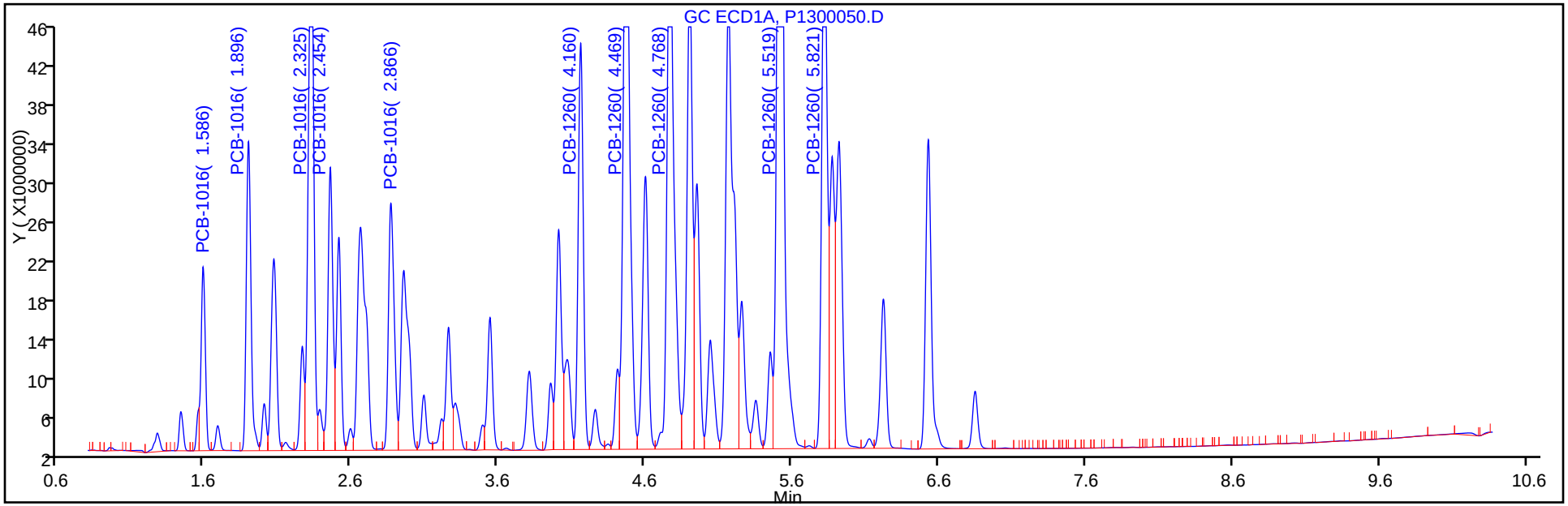
Report Date: 22-Oct-2012 09:17:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

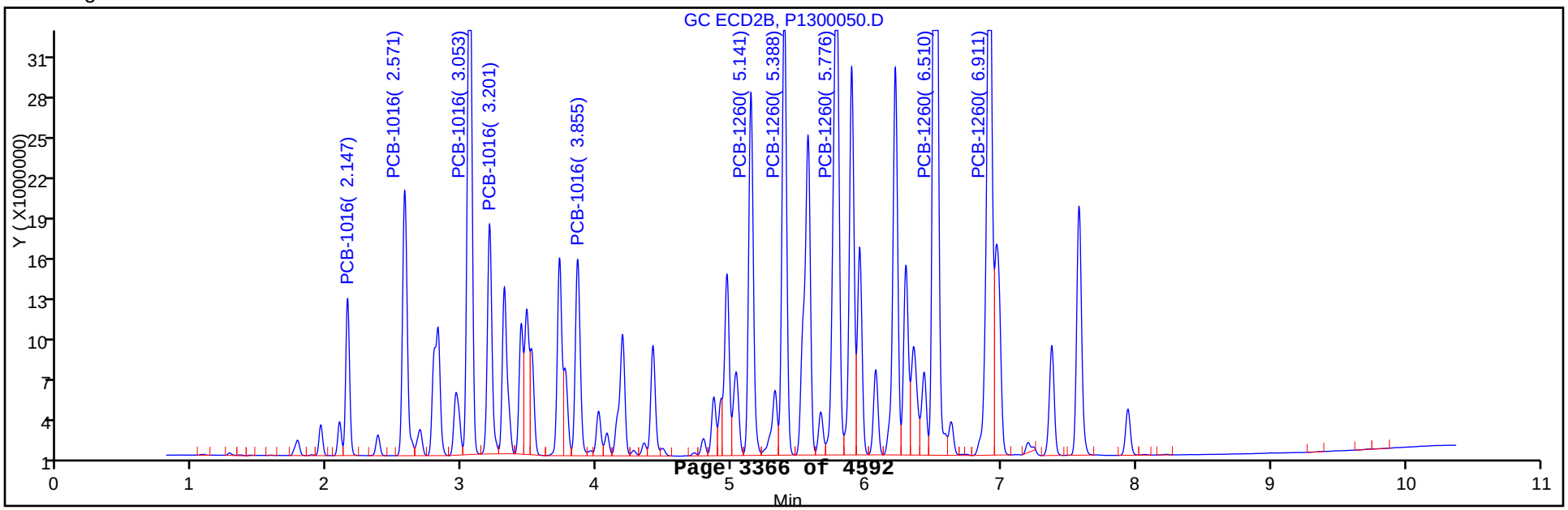
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Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



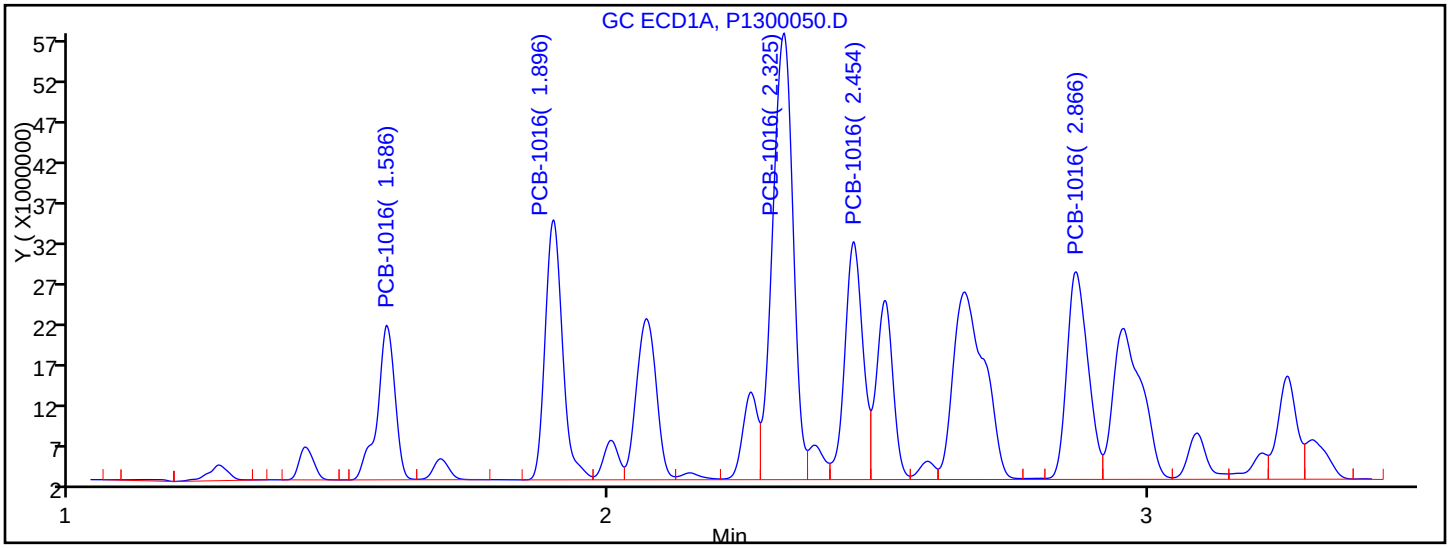
Report Date: 22-Oct-2012 09:17:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D

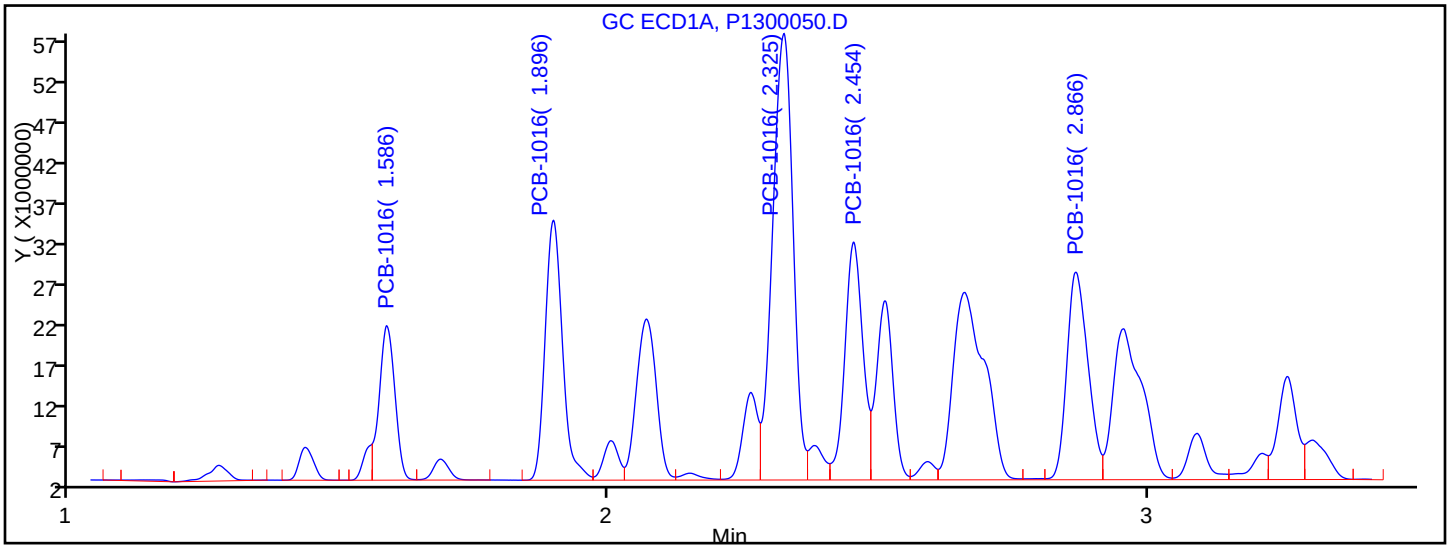
Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1

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.: 240-18703-1

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

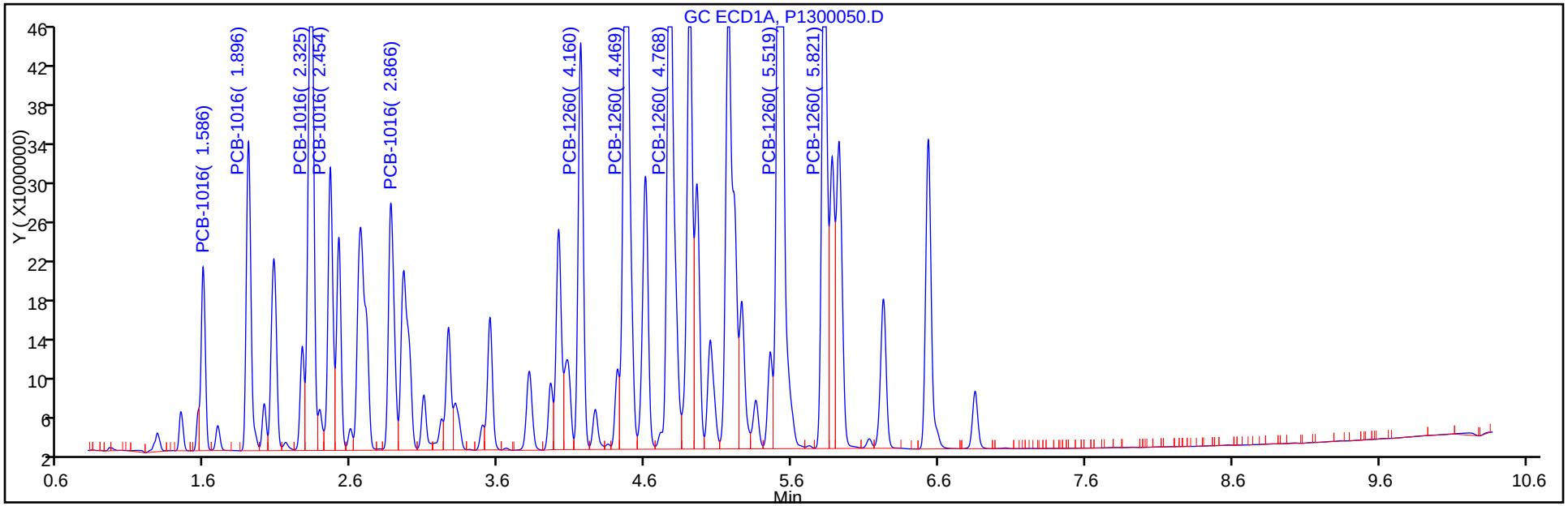
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TestAmerica Canton

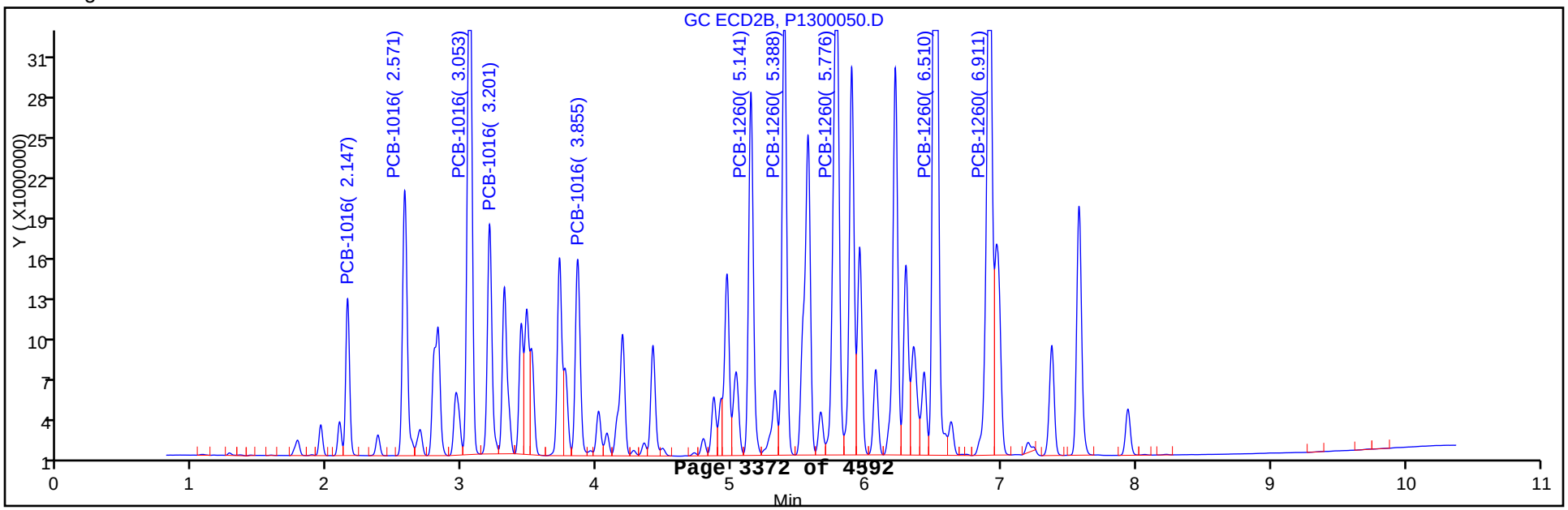
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Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69119/3 Calibration Date: 12/18/2012 08:26

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	46480256		0.572	0.500	14.3	20.0
PCB-1016 Peak 2	Ave	71876982	81398854		0.566	0.500	13.2	20.0
PCB-1016 Peak 3	Ave	155218061	172466554		0.556	0.500	11.1	20.0
PCB-1016 Peak 4	Ave	64472512	75900446		0.589	0.500	17.7	20.0
PCB-1016 Peak 5	Ave	67849134	74278968		0.547	0.500	9.5	20.0
PCB-1260 Peak 1	Ave	101355640	115376168		0.569	0.500	13.8	20.0
PCB-1260 Peak 2	Ave	200632590	221687414		0.552	0.500	10.5	20.0
PCB-1260 Peak 3	Ave	200043209	222237572		0.555	0.500	11.1	20.0
PCB-1260 Peak 4	Ave	271809958	309151506		0.569	0.500	13.7	20.0
PCB-1260 Peak 5	Ave	129152153	133967910		0.519	0.500	3.7	20.0
Tetrachloro-m-xylene	Ave	2282867563	2634450200		0.0289	0.0250	15.4	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2520492200		0.0270	0.0250	8.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69119/3 Calibration Date: 12/18/2012 08:26

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	2.32	2.27	2.37
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\20121218-15947.b\P1300003.D		
Lims ID:	CCV AR1660	Client ID:	
Inject. Date:	18-Dec-2012 08:26:36	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0015947-003		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	3
Lims Batch ID:	69119	Lims Sample ID:	3
Sublist:	chrom-PCB13*sub10		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m		
Last Update:	21-Dec-2012 09:49:15	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:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 09:15:15

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	65861255	0.0289			
2	2	1.640	1.640	0.000	42665058	0.0297			
						RPD = 2.87			
6 PCB-1016									
1	100	1.580	1.580	0.000	23240128	0.5716		100.0	
1	2	1.888	1.888	0.000	40699427	0.5662	149.3- 199.3	175.1	
1	3	2.315	2.315	0.000	86233277	0.5556	350.2- 400.2	371.1	
1	4	2.445	2.445	0.000	37950223	0.5886	130.7- 180.7	163.3	
1	5	2.858	2.858	0.000	37139484	0.5474	137.9- 187.9	159.8	
			Average of Peak Amounts =			0.5659			
2	6	2.134	2.134	0.000	13178892	0.5864		100.0	
2	7	2.556	2.556	0.000	26851463	0.5724	176.5- 236.5	203.7	
2	8	3.037	3.037	0.000	56270327	0.6193	362.5- 422.5	427.0	
2	9	3.185	3.185	0.000	23612673	0.6099	137.9- 197.9	179.2	
2	10	3.837	3.837	0.000	21395031	0.5932	118.8- 178.8	162.3	
			Average of Peak Amounts =			0.5962			
						RPD = 5.22			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.149	4.149	0.000	57688084	0.5692		100.0	
1	2	4.458	4.458	0.000	110843707	0.5525	175.1- 225.1	192.1	
1	3	4.758	4.758	0.000	111118786	0.5555	173.2- 223.2	192.6	
1	4	5.508	5.508	0.000	154575753	0.5687	244.1- 294.1	268.0	
1	5	5.810	5.810	0.000	66983955	0.5186	101.5- 151.5	116.1	
			Average of Peak Amounts =			0.5529			
2	6	5.123	5.123	0.000	38071609	0.5712		100.0	
2	7	5.370	5.370	0.000	45772927	0.6085	86.6- 146.6	120.2	
2	8	5.757	5.757	0.000	67765988	0.5800	142.9- 202.9	178.0	
2	9	6.491	6.491	0.000	84109410	0.5911	179.5- 239.5	220.9	
2	10	6.893	6.893	0.000	57174336	0.5490	121.8- 181.8	150.2	
			Average of Peak Amounts =			0.5800			
						RPD = 4.78			
$ 12 DCB Decachlorobiphenyl									
1	100	7.045	7.045	0.000	63012305	0.0270			
2	2	8.205	8.205	0.000	37133313	0.0276			
						RPD = 2.12			

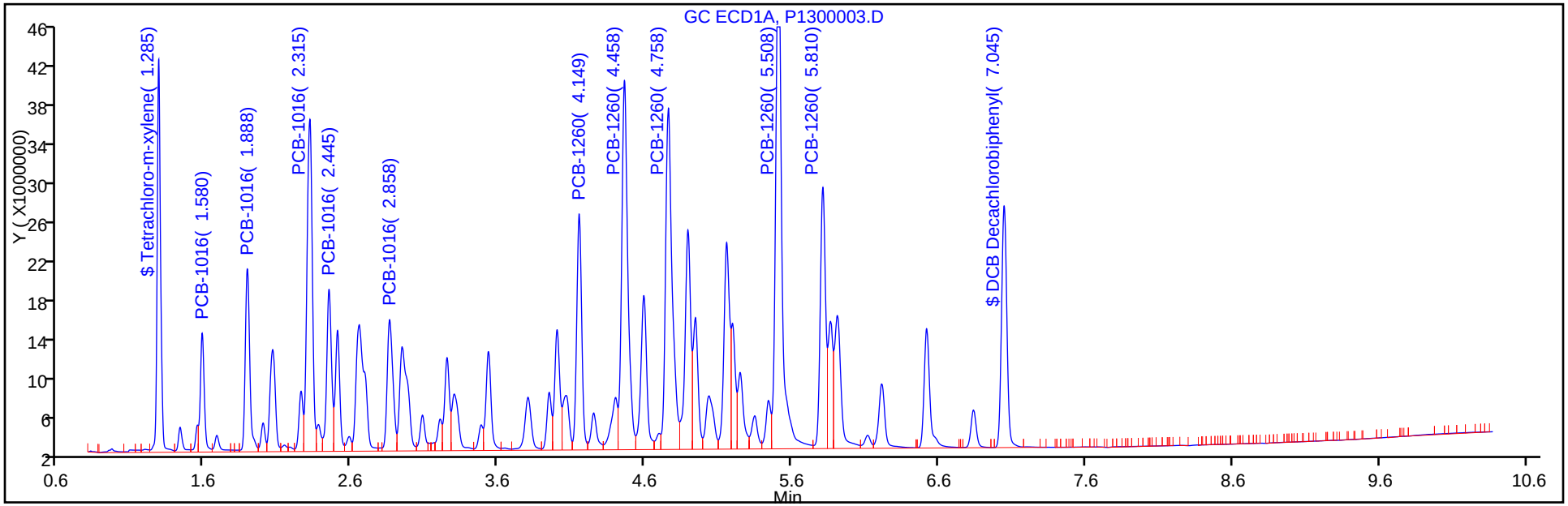
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TestAmerica Canton

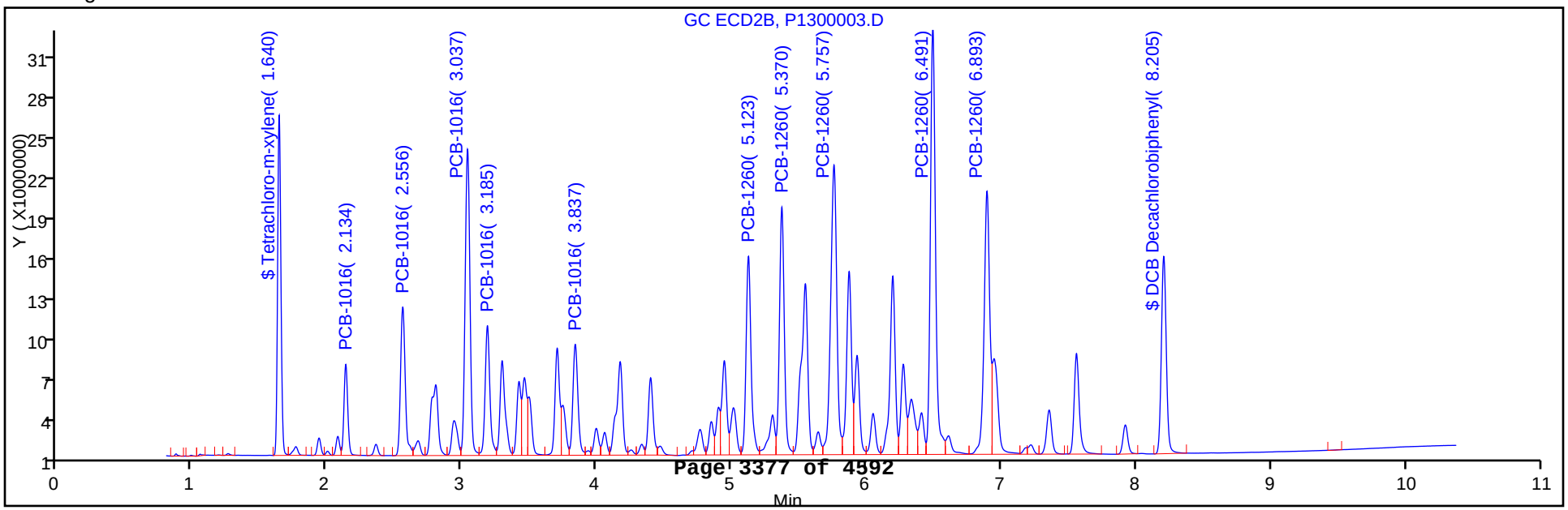
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Injection Date:	18-Dec-2012 08:26:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69119/3 Calibration Date: 12/18/2012 08:26

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	26357784		0.586	0.500	17.3	20.0
PCB-1016 Peak 2	Ave	46910344	53702926		0.572	0.500	14.5	20.0
PCB-1016 Peak 3	Ave	90857261	112540654		0.619	0.500	23.9*	20.0
PCB-1016 Peak 4	Ave	38716589	47225346		0.610	0.500	22.0*	20.0
PCB-1016 Peak 5	Ave	36067525	42790062		0.593	0.500	18.6	20.0
PCB-1260 Peak 1	Ave	66648717	76143218		0.571	0.500	14.2	20.0
PCB-1260 Peak 2	Lin1		91545854		0.609	0.500	21.7*	20.0
PCB-1260 Peak 3	Ave	116834929	135531976		0.580	0.500	16.0	20.0
PCB-1260 Peak 4	Ave	142290611	168218820		0.591	0.500	18.2	20.0
PCB-1260 Peak 5	Ave	104134113	114348672		0.549	0.500	9.8	20.0
Tetrachloro-m-xylene	Ave	1437051097	1706602320		0.0297	0.0250	18.8	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1485332520		0.0276	0.0250	10.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69119/3 Calibration Date: 12/18/2012 08:26

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\20121218-15947.b\P1300003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Dec-2012 08:26:36 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015947-003
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 69119 Lims Sample ID: 3
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:15 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: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 09:15:15

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	65861255	0.0289			
2	2	1.640	1.640	0.000	42665058	0.0297			
						RPD = 2.87			
6 PCB-1016									
1	100	1.580	1.580	0.000	23240128	0.5716		100.0	
1	2	1.888	1.888	0.000	40699427	0.5662	149.3- 199.3	175.1	
1	3	2.315	2.315	0.000	86233277	0.5556	350.2- 400.2	371.1	
1	4	2.445	2.445	0.000	37950223	0.5886	130.7- 180.7	163.3	
1	5	2.858	2.858	0.000	37139484	0.5474	137.9- 187.9	159.8	
			Average of Peak Amounts =			0.5659			
2	6	2.134	2.134	0.000	13178892	0.5864		100.0	
2	7	2.556	2.556	0.000	26851463	0.5724	176.5- 236.5	203.7	
2	8	3.037	3.037	0.000	56270327	0.6193	362.5- 422.5	427.0	
2	9	3.185	3.185	0.000	23612673	0.6099	137.9- 197.9	179.2	
2	10	3.837	3.837	0.000	21395031	0.5932	118.8- 178.8	162.3	
			Average of Peak Amounts =			0.5962			
						RPD = 5.22			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.149	4.149	0.000	57688084	0.5692		100.0	
1	2	4.458	4.458	0.000	110843707	0.5525	175.1- 225.1	192.1	
1	3	4.758	4.758	0.000	111118786	0.5555	173.2- 223.2	192.6	
1	4	5.508	5.508	0.000	154575753	0.5687	244.1- 294.1	268.0	
1	5	5.810	5.810	0.000	66983955	0.5186	101.5- 151.5	116.1	
			Average of Peak Amounts =			0.5529			
2	6	5.123	5.123	0.000	38071609	0.5712		100.0	
2	7	5.370	5.370	0.000	45772927	0.6085	86.6- 146.6	120.2	
2	8	5.757	5.757	0.000	67765988	0.5800	142.9- 202.9	178.0	
2	9	6.491	6.491	0.000	84109410	0.5911	179.5- 239.5	220.9	
2	10	6.893	6.893	0.000	57174336	0.5490	121.8- 181.8	150.2	
			Average of Peak Amounts =			0.5800			
						RPD = 4.78			
$ 12 DCB Decachlorobiphenyl									
1	100	7.045	7.045	0.000	63012305	0.0270			
2	2	8.205	8.205	0.000	37133313	0.0276			
						RPD = 2.12			

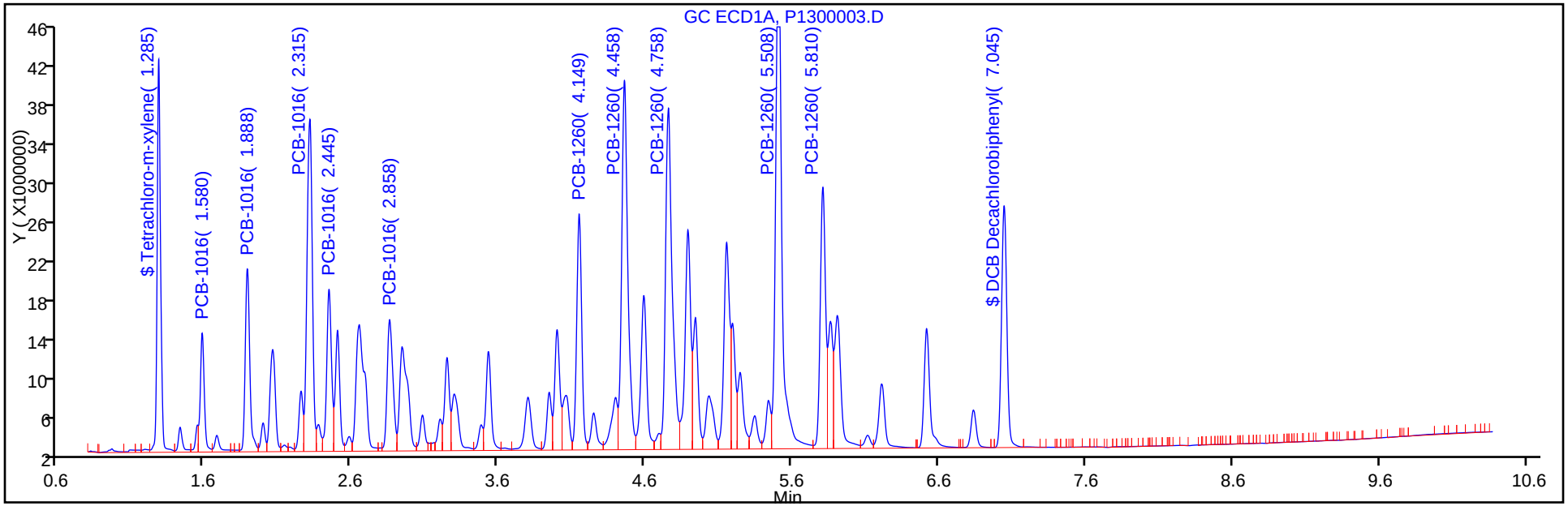
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TestAmerica Canton

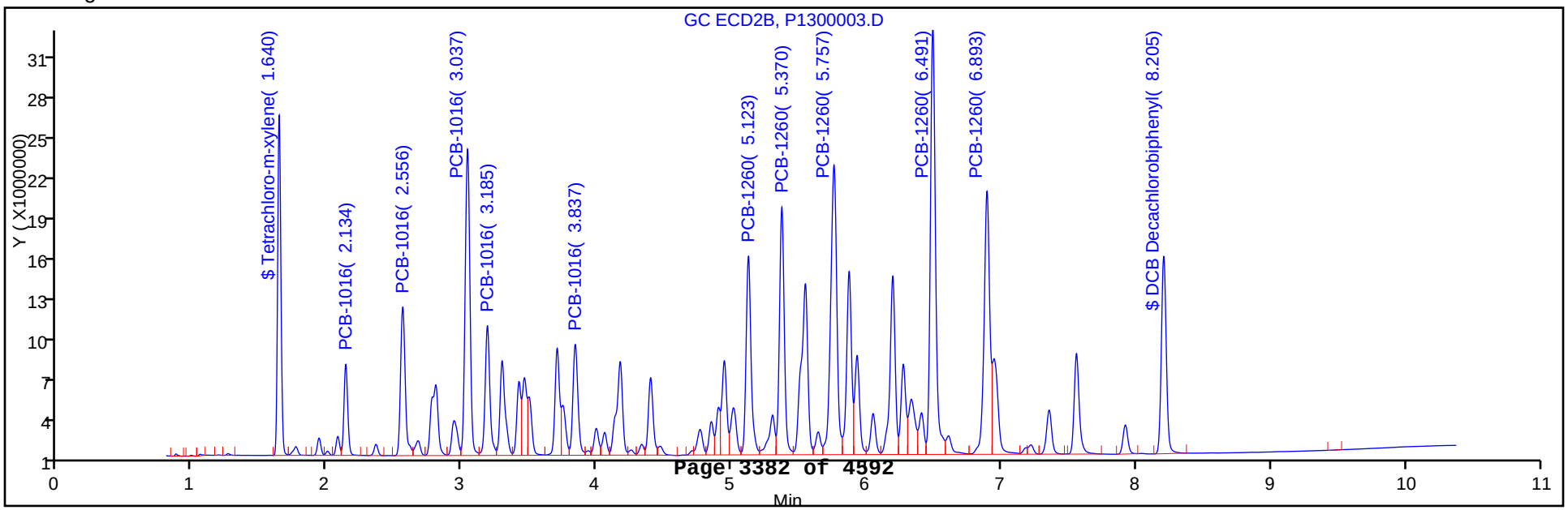
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Injection Date:	18-Dec-2012 08:26:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69119/10 Calibration Date: 12/18/2012 10:11

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: P1300010.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	43009302		0.529	0.500	5.8	20.0
PCB-1016 Peak 2	Ave	71876982	76445370		0.532	0.500	6.4	20.0
PCB-1016 Peak 3	Ave	155218061	165445690		0.533	0.500	6.6	20.0
PCB-1016 Peak 4	Ave	64472512	72175156		0.560	0.500	11.9	20.0
PCB-1016 Peak 5	Ave	67849134	69469150		0.512	0.500	2.4	20.0
PCB-1260 Peak 1	Ave	101355640	110652176		0.546	0.500	9.2	20.0
PCB-1260 Peak 2	Ave	200632590	215022780		0.536	0.500	7.2	20.0
PCB-1260 Peak 3	Ave	200043209	217029390		0.542	0.500	8.5	20.0
PCB-1260 Peak 4	Ave	271809958	304997816		0.561	0.500	12.2	20.0
PCB-1260 Peak 5	Ave	129152153	133718916		0.518	0.500	3.5	20.0
Tetrachloro-m-xylene	Ave	2282867563	2513795960		0.0275	0.0250	10.1	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2536668640		0.0272	0.0250	8.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69119/10 Calibration Date: 12/18/2012 10:11

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: P1300010.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\20121218-15947.b\P1300010.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Dec-2012 10:11:17 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015947-010
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 69119 Lims Sample ID: 10
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:23 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: XAWRK005

First Level Reviewer: hassl Date: 18-Dec-2012 10:57:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	62844899	0.0275			
2	2	1.639	1.639	0.000	41005677	0.0285			
						RPD = 3.59			
6 PCB-1016									
1	100	1.581	1.581	0.000	21504651	0.5289		100.0	
1	2	1.889	1.889	0.000	38222685	0.5318	149.3- 199.3	177.7	
1	3	2.314	2.314	0.000	82722845	0.5329	350.2- 400.2	384.7	
1	4	2.446	2.446	0.000	36087578	0.5597	130.7- 180.7	167.8	
1	5	2.857	2.857	0.000	34734575	0.5119	137.9- 187.9	161.5	
			Average of Peak Amounts =			0.5331			
2	6	2.133	2.133	0.000	12379094	0.5508		100.0	
2	7	2.557	2.557	0.000	24163877	0.5151	176.5- 236.5	195.2	
2	8	3.038	3.038	0.000	52402610	0.5768	362.5- 422.5	423.3	
2	9	3.186	3.186	0.000	20812089	0.5375	137.9- 197.9	168.1	
2	10	3.837	3.837	0.000	20269711	0.5620	118.8- 178.8	163.7	
			Average of Peak Amounts =			0.5484			
						RPD = 2.84			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.152	4.152	0.000	55326088	0.5459		100.0	
1	2	4.460	4.460	0.000	107511390	0.5359	175.1- 225.1	194.3	
1	3	4.758	4.758	0.000	108514695	0.5425	173.2- 223.2	196.1	
1	4	5.508	5.508	0.000	152498908	0.5610	244.1- 294.1	275.6	
1	5	5.812	5.812	0.000	66859458	0.5177	101.5- 151.5	120.8	
			Average of Peak Amounts =			0.5406			
2	6	5.122	5.122	0.000	37039948	0.5557		100.0	
2	7	5.370	5.370	0.000	44861502	0.5955	86.6- 146.6	121.1	
2	8	5.758	5.758	0.000	66895739	0.5726	142.9- 202.9	180.6	
2	9	6.491	6.491	0.000	84298173	0.5924	179.5- 239.5	227.6	
2	10	6.894	6.894	0.000	57225176	0.5495	121.8- 181.8	154.5	
			Average of Peak Amounts =			0.5732			
						RPD = 5.85			
$ 12 DCB Decachlorobiphenyl									
1	100	7.047	7.047	0.000	63416716	0.0272			
2	2	8.206	8.206	0.000	37429233	0.0278			
						RPD = 2.28			

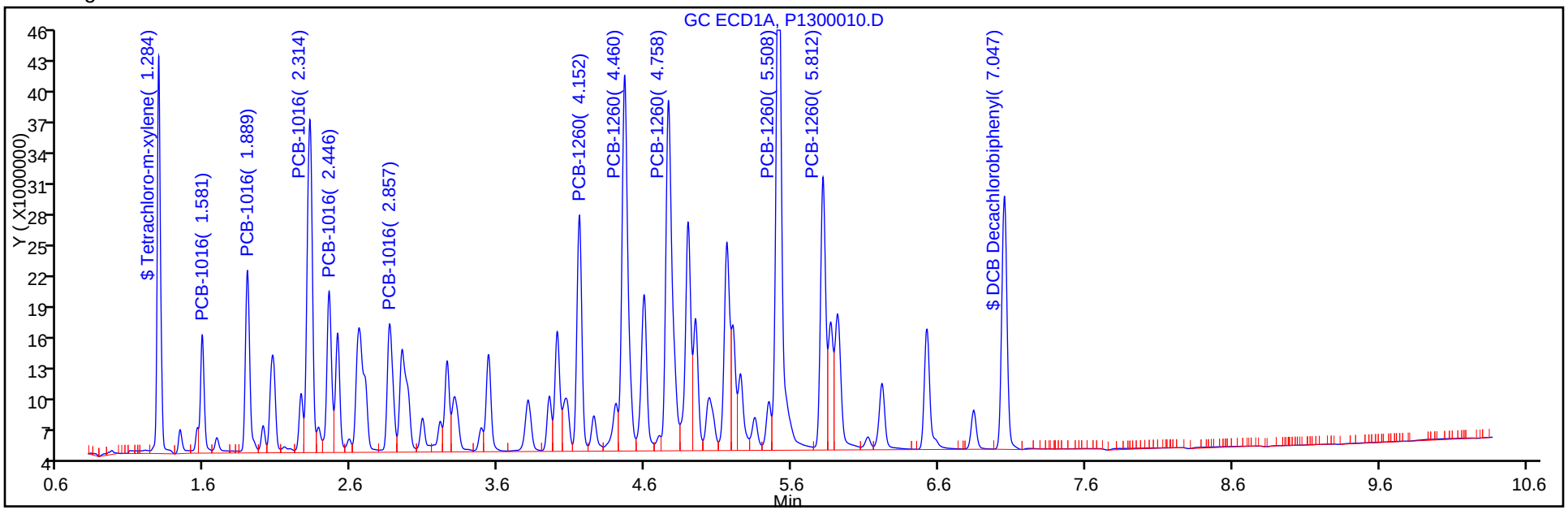
Report Date: 21-Dec-2012 09:49:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

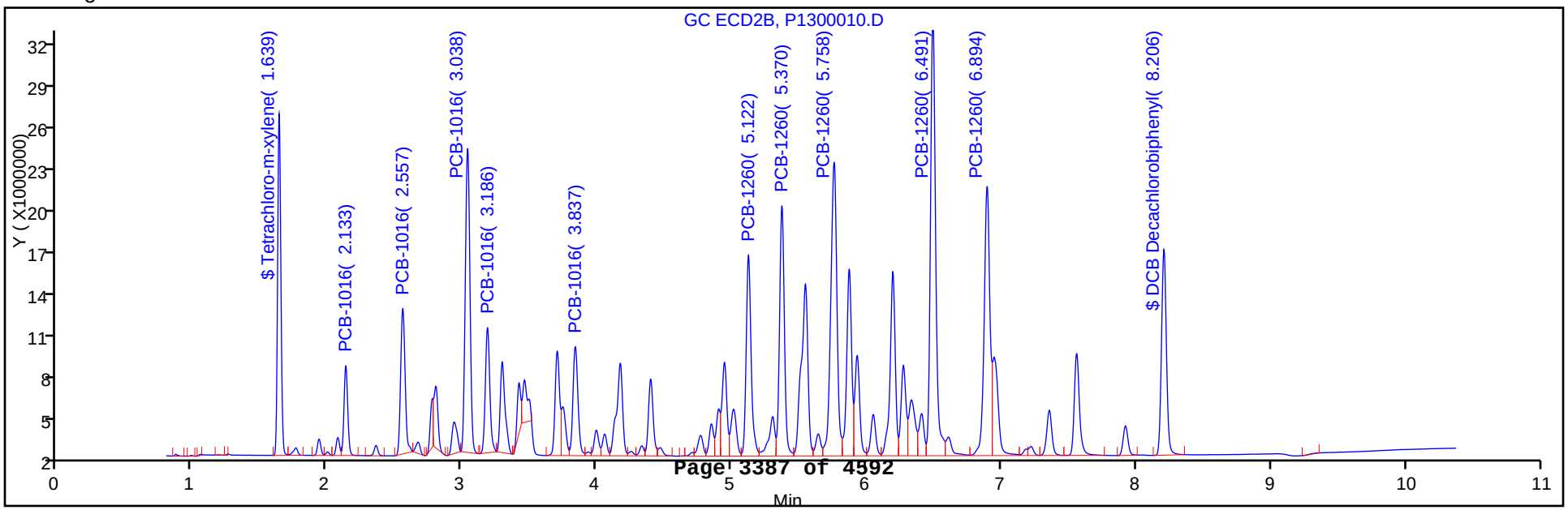
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Injection Date:	18-Dec-2012 10:11:17	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69119/10 Calibration Date: 12/18/2012 10:11

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: P1300010.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	24758188		0.551	0.500	10.2	20.0
PCB-1016 Peak 2	Ave	46910344	48327754		0.515	0.500	3.0	20.0
PCB-1016 Peak 3	Ave	90857261	104805220		0.577	0.500	15.4	20.0
PCB-1016 Peak 4	Ave	38716589	41624178		0.538	0.500	7.5	20.0
PCB-1016 Peak 5	Ave	36067525	40539422		0.562	0.500	12.4	20.0
PCB-1260 Peak 1	Ave	66648717	74079896		0.556	0.500	11.1	20.0
PCB-1260 Peak 2	Lin1		89723004		0.596	0.500	19.1	20.0
PCB-1260 Peak 3	Ave	116834929	133791478		0.573	0.500	14.5	20.0
PCB-1260 Peak 4	Ave	142290611	168596346		0.592	0.500	18.5	20.0
PCB-1260 Peak 5	Ave	104134113	114450352		0.550	0.500	9.9	20.0
Tetrachloro-m-xylene	Ave	1437051097	1640227080		0.0285	0.0250	14.1	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1497169320		0.0278	0.0250	11.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69119/10 Calibration Date: 12/18/2012 10:11

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: P1300010.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\20121218-15947.b\P1300010.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 18-Dec-2012 10:11:17 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015947-010
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 69119 Lims Sample ID: 10
Sublist: chrom-PCB13*sub10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:23 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: XAWRK005

First Level Reviewer: hassl Date: 18-Dec-2012 10:57:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	62844899	0.0275			
2	2	1.639	1.639	0.000	41005677	0.0285			
						RPD = 3.59			
6 PCB-1016									
1	100	1.581	1.581	0.000	21504651	0.5289		100.0	
1	2	1.889	1.889	0.000	38222685	0.5318	149.3- 199.3	177.7	
1	3	2.314	2.314	0.000	82722845	0.5329	350.2- 400.2	384.7	
1	4	2.446	2.446	0.000	36087578	0.5597	130.7- 180.7	167.8	
1	5	2.857	2.857	0.000	34734575	0.5119	137.9- 187.9	161.5	
			Average of Peak Amounts =			0.5331			
2	6	2.133	2.133	0.000	12379094	0.5508		100.0	
2	7	2.557	2.557	0.000	24163877	0.5151	176.5- 236.5	195.2	
2	8	3.038	3.038	0.000	52402610	0.5768	362.5- 422.5	423.3	
2	9	3.186	3.186	0.000	20812089	0.5375	137.9- 197.9	168.1	
2	10	3.837	3.837	0.000	20269711	0.5620	118.8- 178.8	163.7	
			Average of Peak Amounts =			0.5484			
						RPD = 2.84			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.152	4.152	0.000	55326088	0.5459		100.0	
1	2	4.460	4.460	0.000	107511390	0.5359	175.1- 225.1	194.3	
1	3	4.758	4.758	0.000	108514695	0.5425	173.2- 223.2	196.1	
1	4	5.508	5.508	0.000	152498908	0.5610	244.1- 294.1	275.6	
1	5	5.812	5.812	0.000	66859458	0.5177	101.5- 151.5	120.8	
			Average of Peak Amounts =			0.5406			
2	6	5.122	5.122	0.000	37039948	0.5557		100.0	
2	7	5.370	5.370	0.000	44861502	0.5955	86.6- 146.6	121.1	
2	8	5.758	5.758	0.000	66895739	0.5726	142.9- 202.9	180.6	
2	9	6.491	6.491	0.000	84298173	0.5924	179.5- 239.5	227.6	
2	10	6.894	6.894	0.000	57225176	0.5495	121.8- 181.8	154.5	
			Average of Peak Amounts =			0.5732			
						RPD = 5.85			
$ 12 DCB Decachlorobiphenyl									
1	100	7.047	7.047	0.000	63416716	0.0272			
2	2	8.206	8.206	0.000	37429233	0.0278			
						RPD = 2.28			

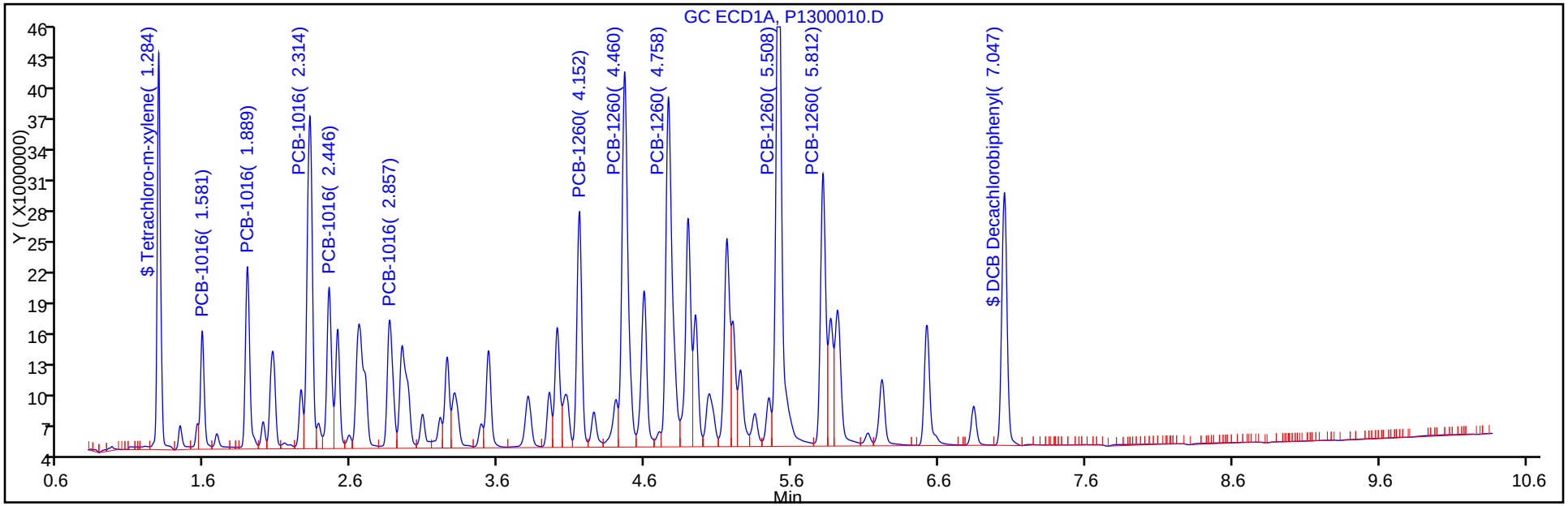
Report Date: 21-Dec-2012 09:49:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

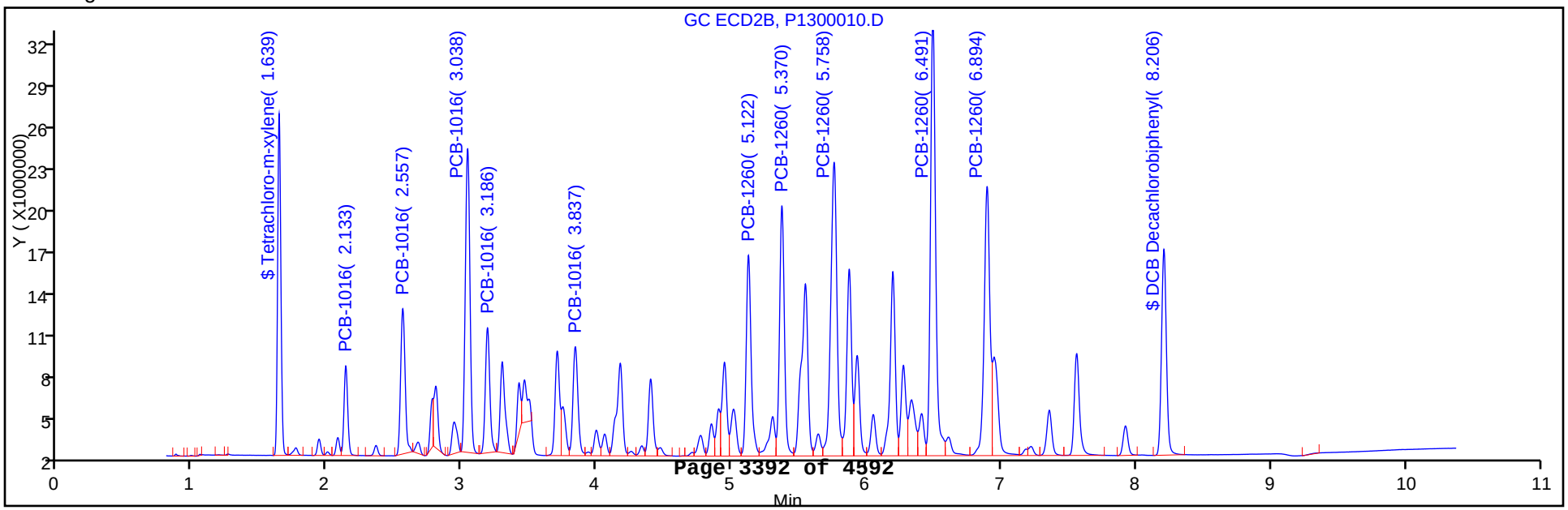
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300010.D

Injection Date:	18-Dec-2012 10:11:17	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	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 VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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			

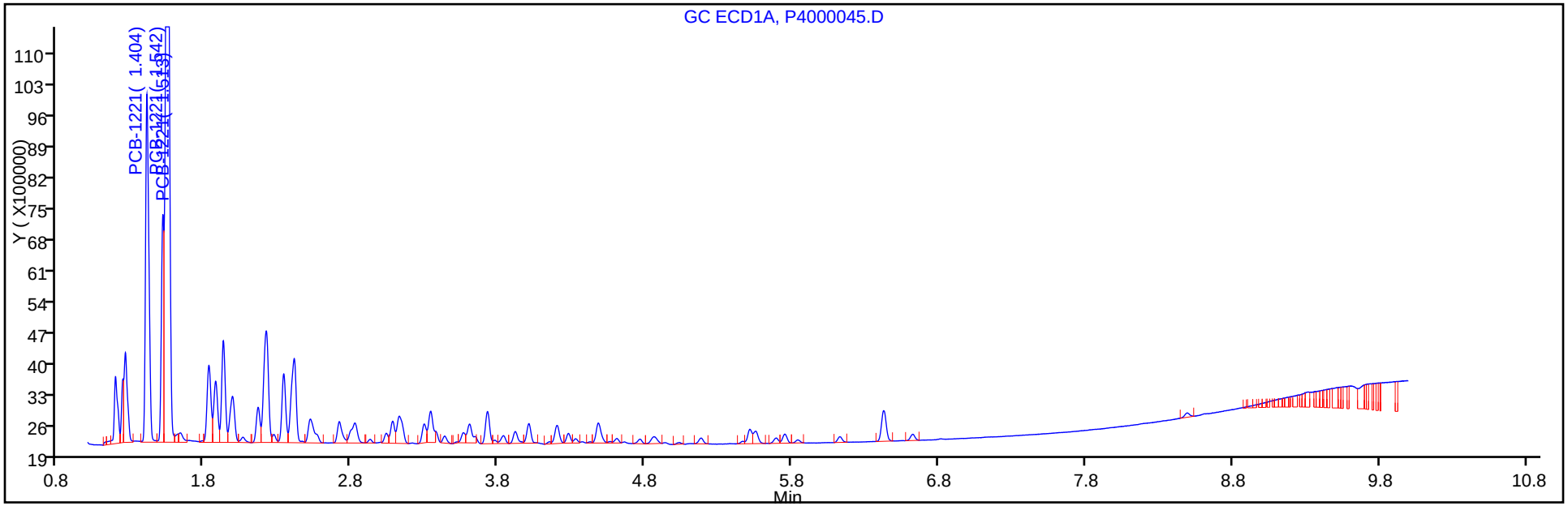
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TestAmerica Canton

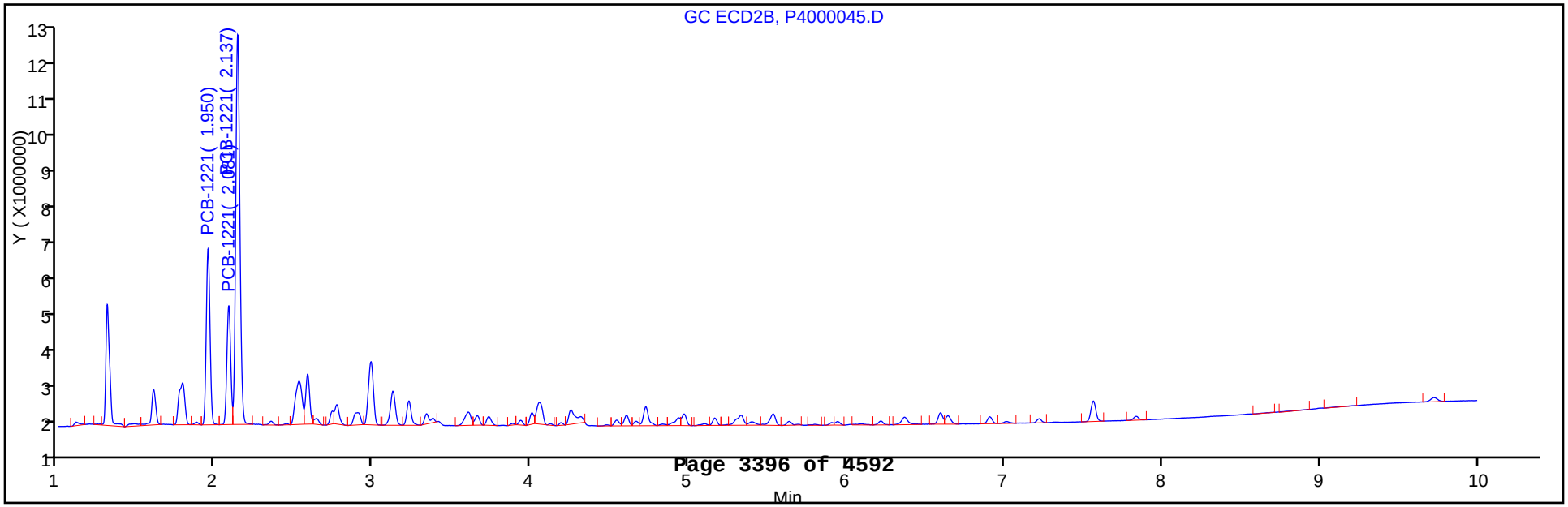
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000045.D

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.: 240-18703-1

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.: 240-18703-1

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			

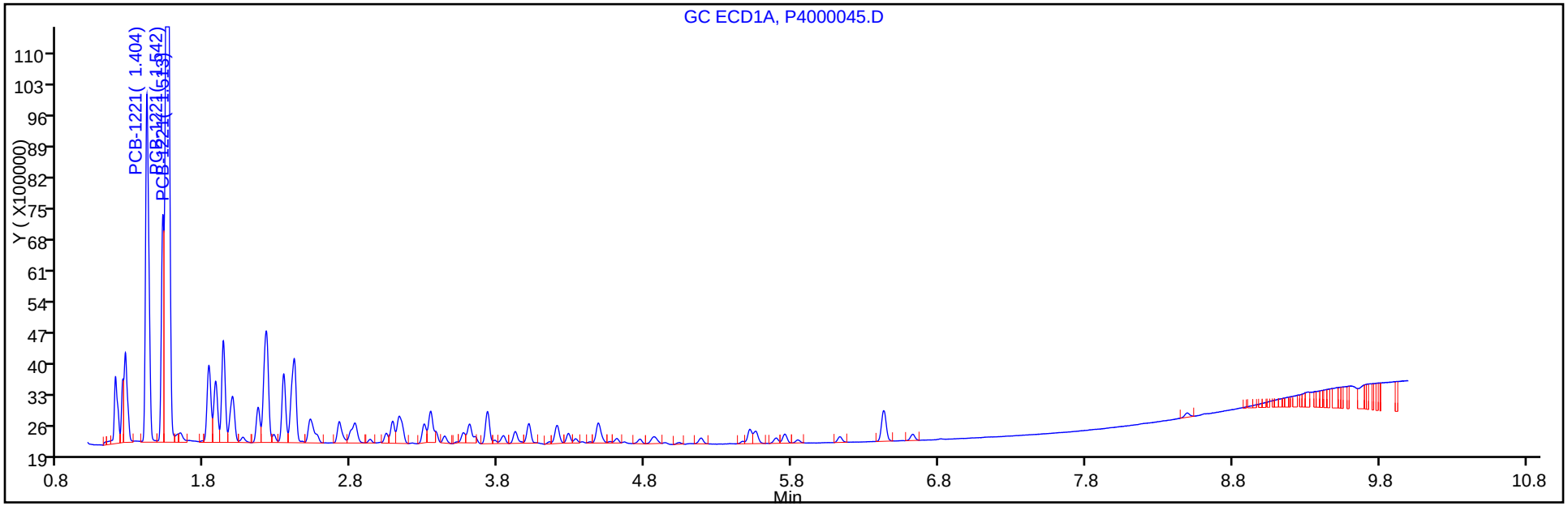
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TestAmerica Canton

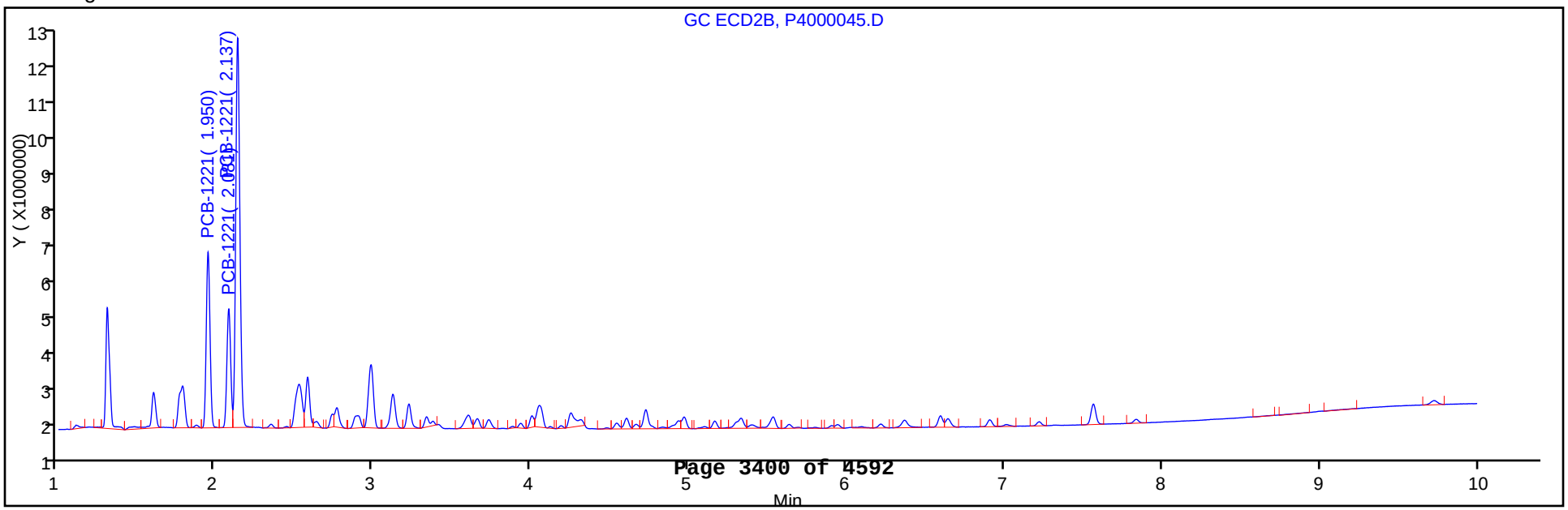
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000045.D

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.: 240-18703-1

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.: 240-18703-1

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

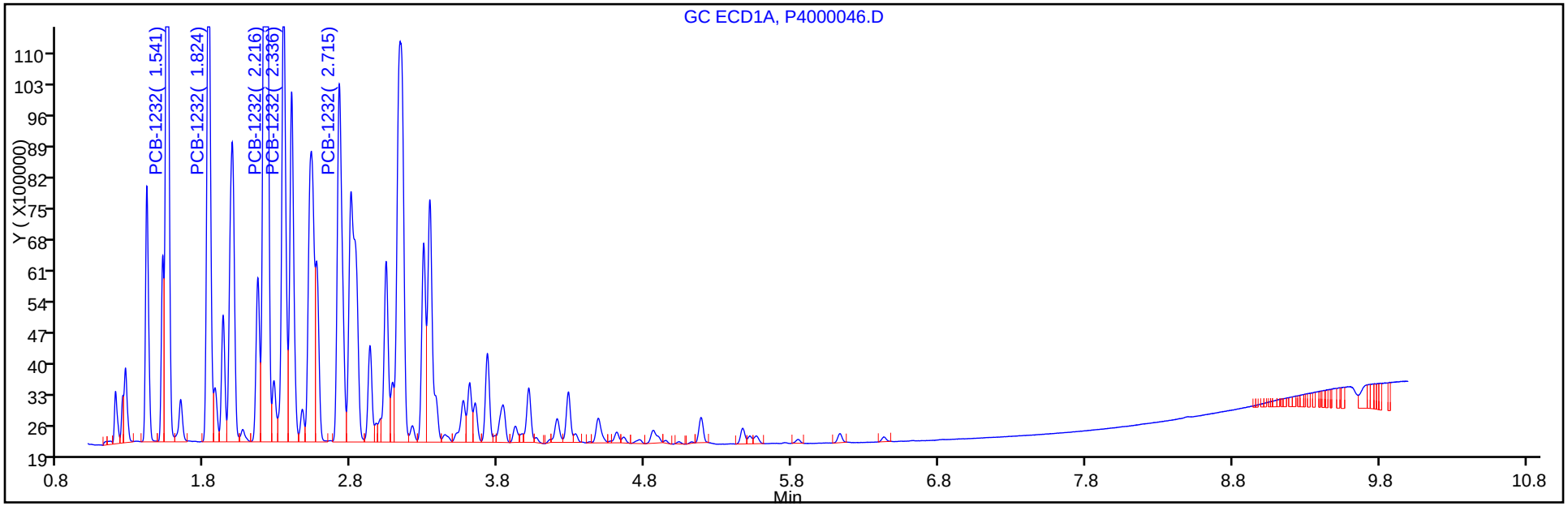
Report Date: 05-Dec-2012 06:33:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

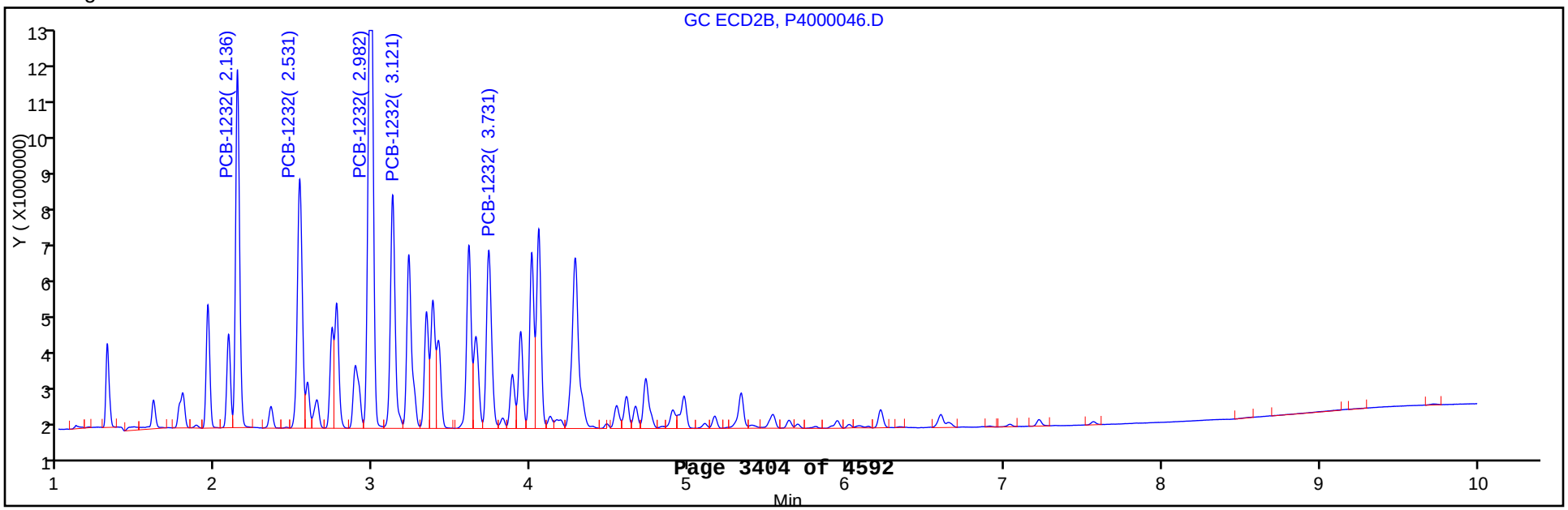
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000046.D

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:	

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.: 240-18703-1

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.: 240-18703-1

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

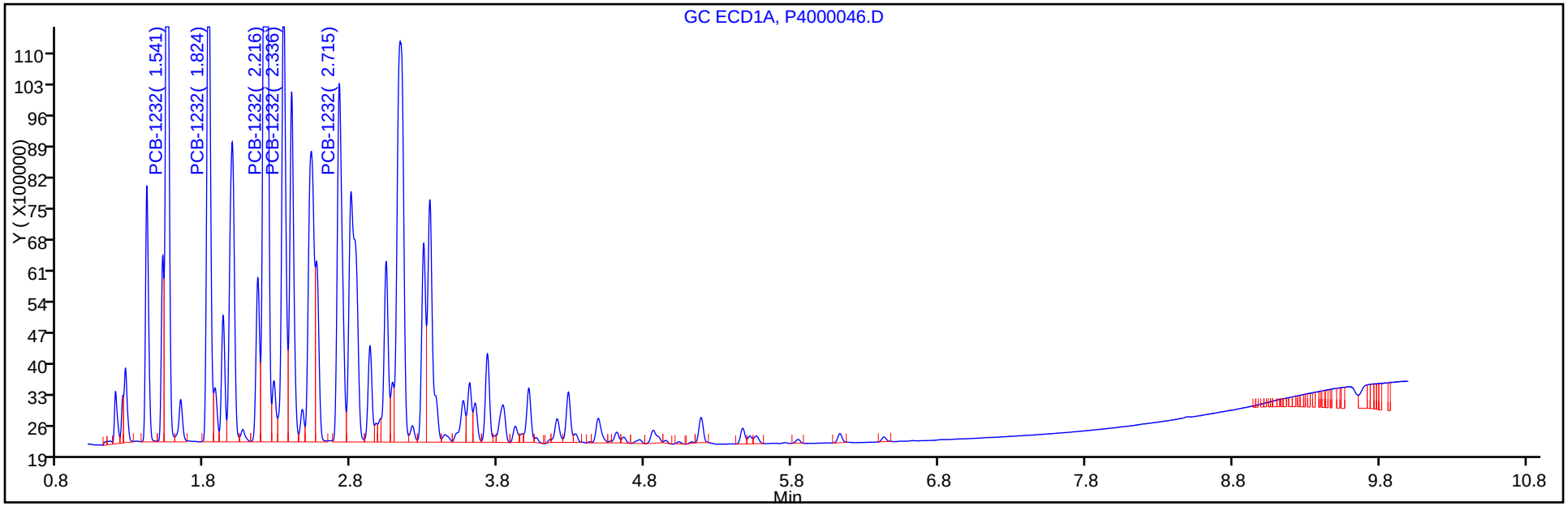
Report Date: 05-Dec-2012 06:33:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

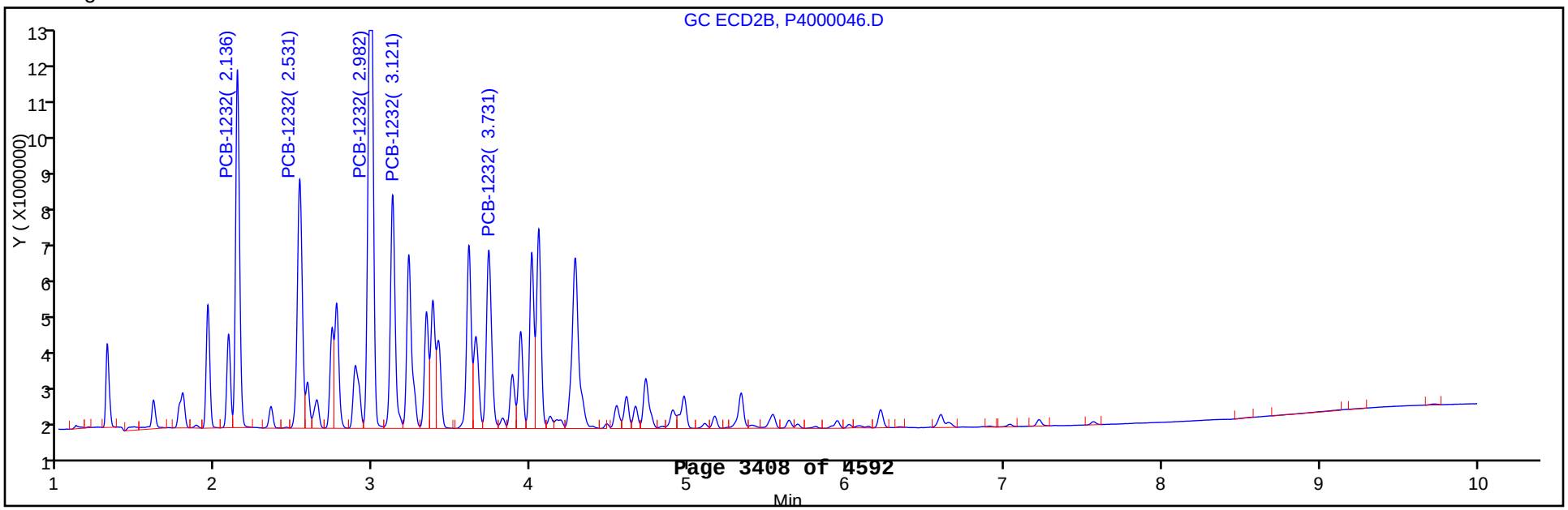
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000046.D

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:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



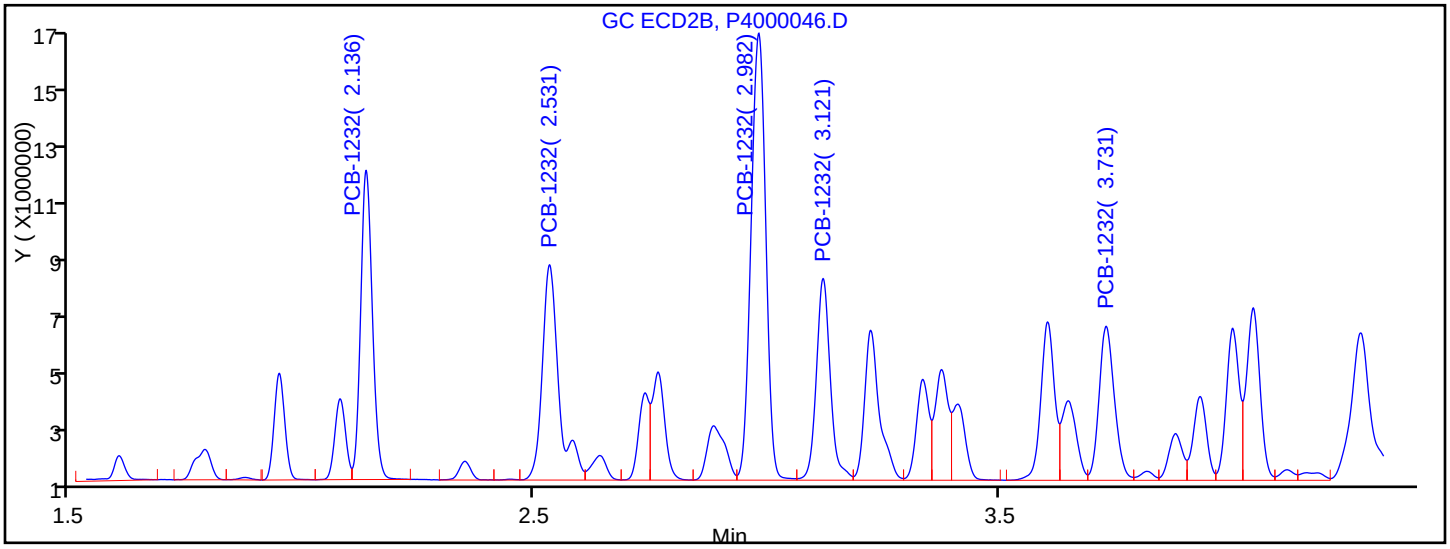
Report Date: 05-Dec-2012 06:33:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000046.D

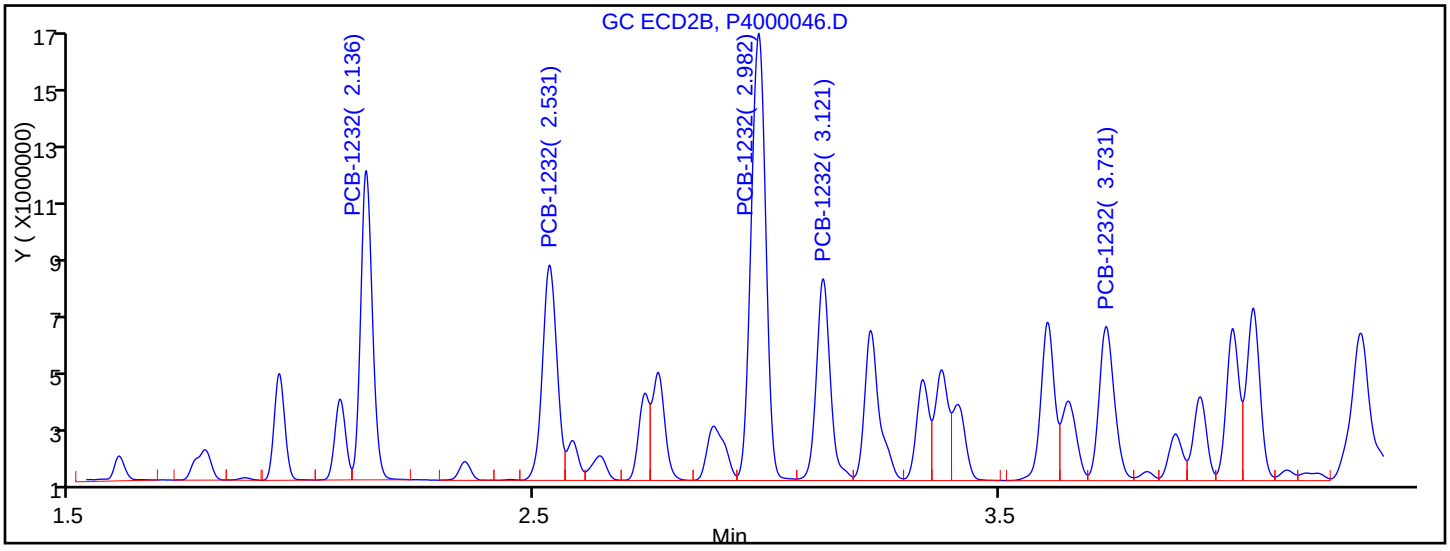
Injection Date:	04-Dec-2012 19:49:56	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1

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.: 240-18703-1

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

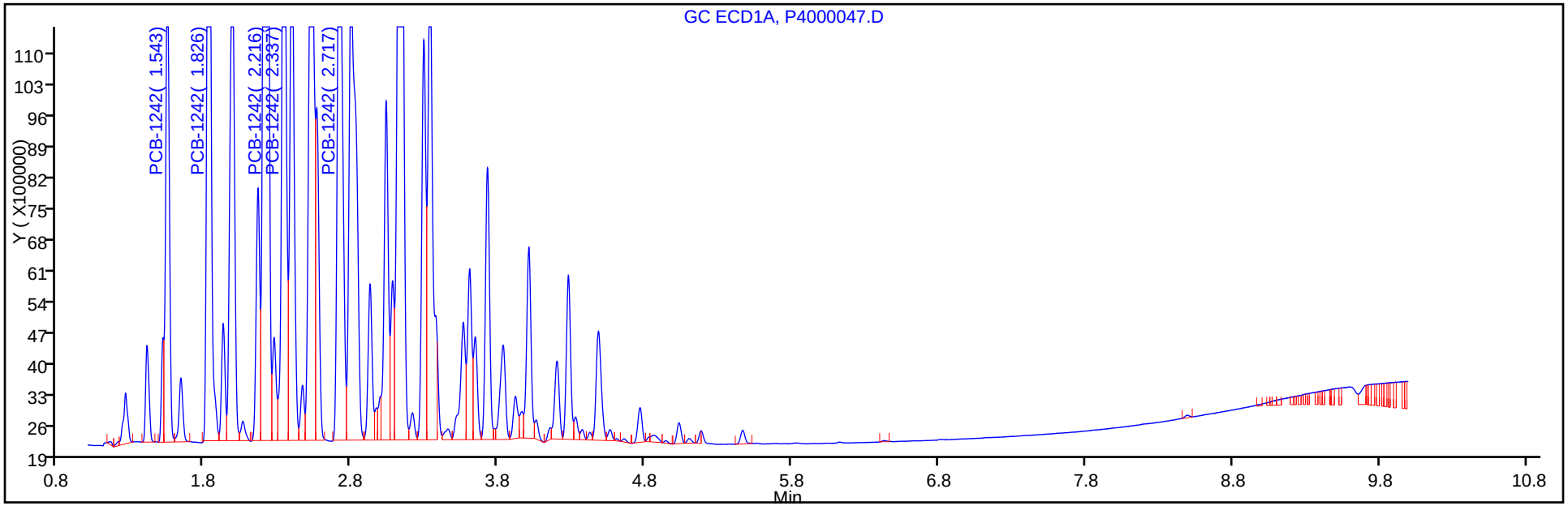
Report Date: 05-Dec-2012 06:33:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

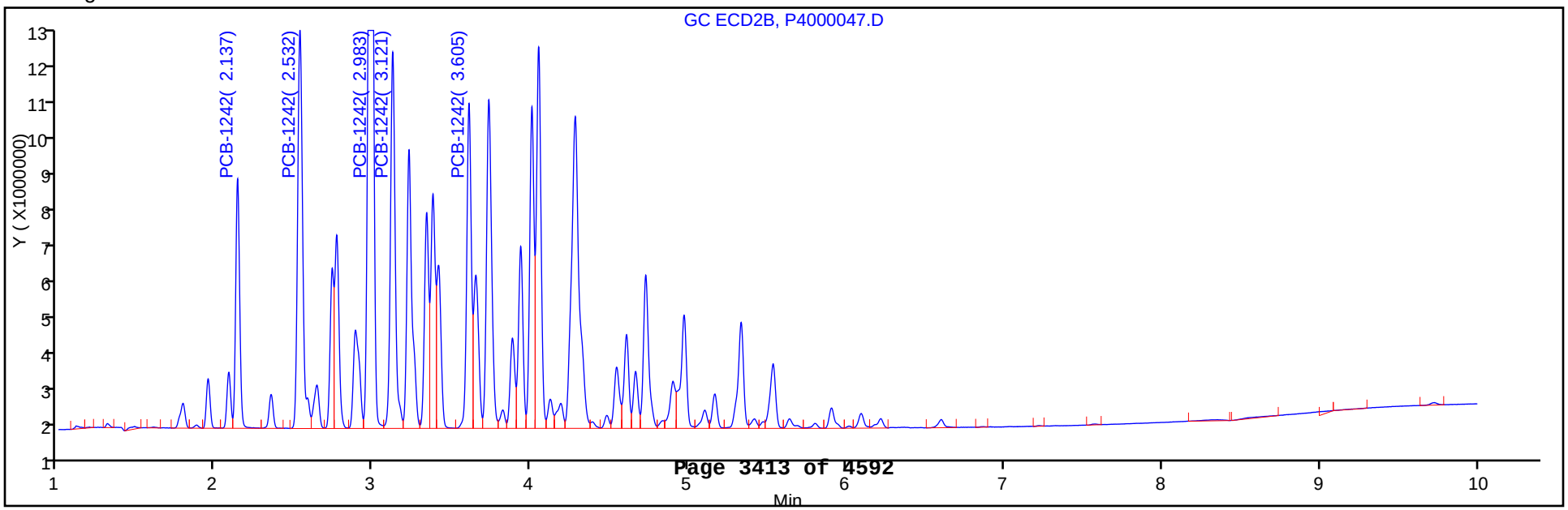
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Injection Date:	04-Dec-2012 20:05:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



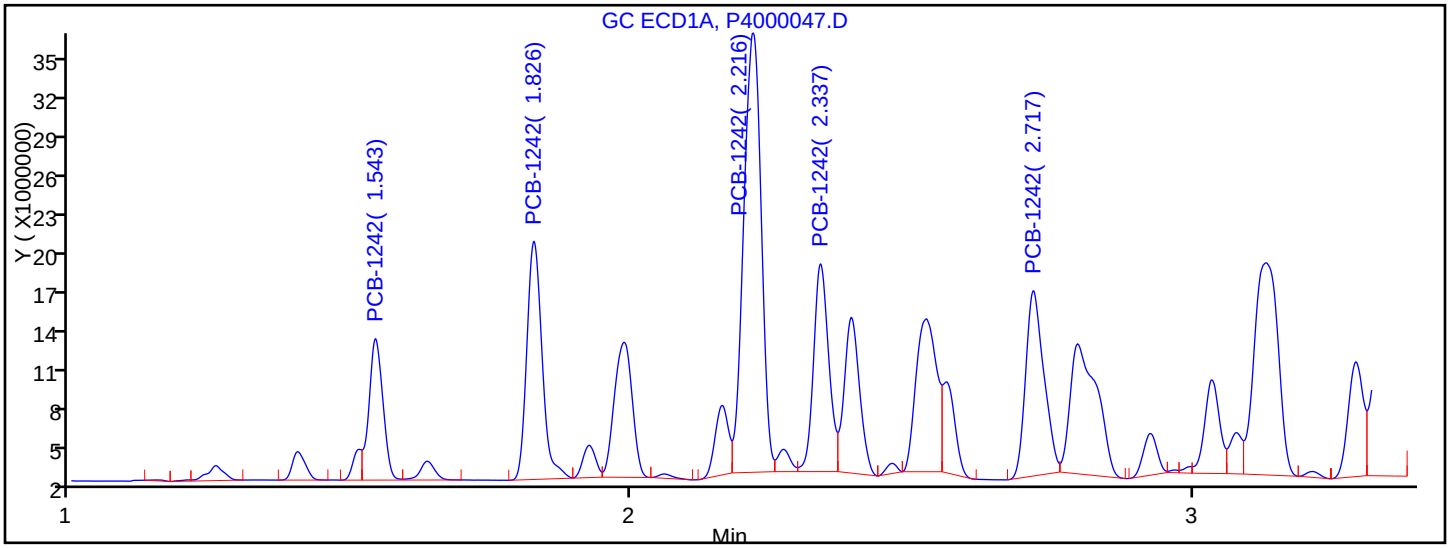
Report Date: 05-Dec-2012 06:33:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000047.D

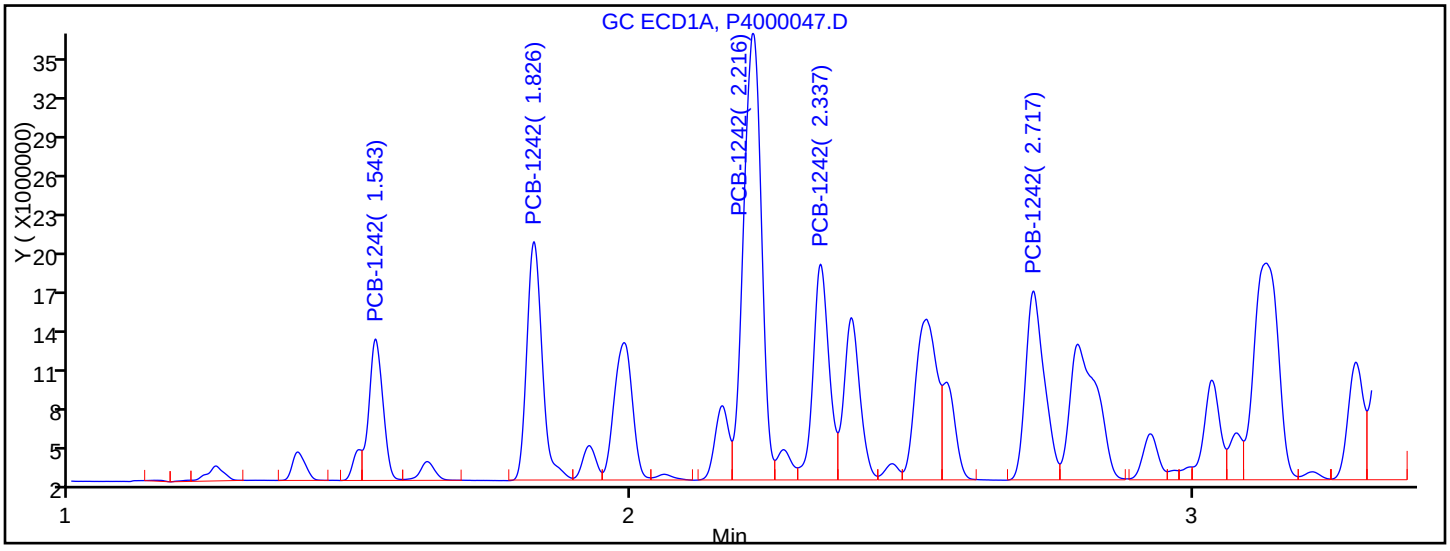
Injection Date:	04-Dec-2012 20:05:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1

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.: 240-18703-1

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

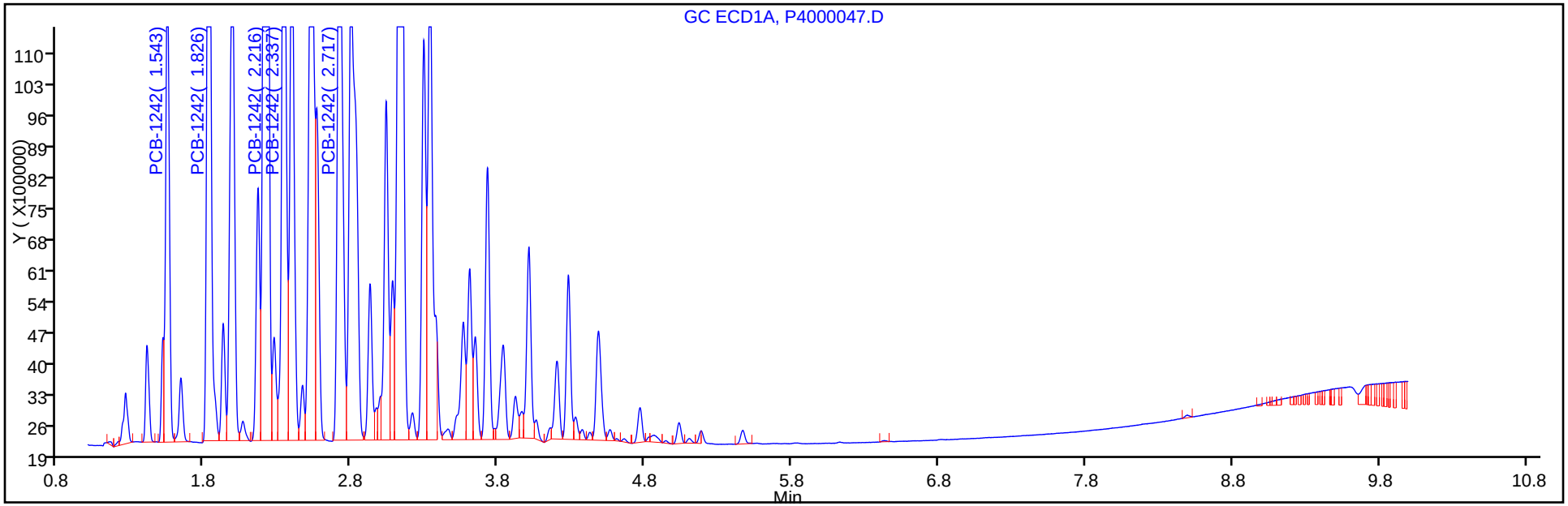
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TestAmerica Canton

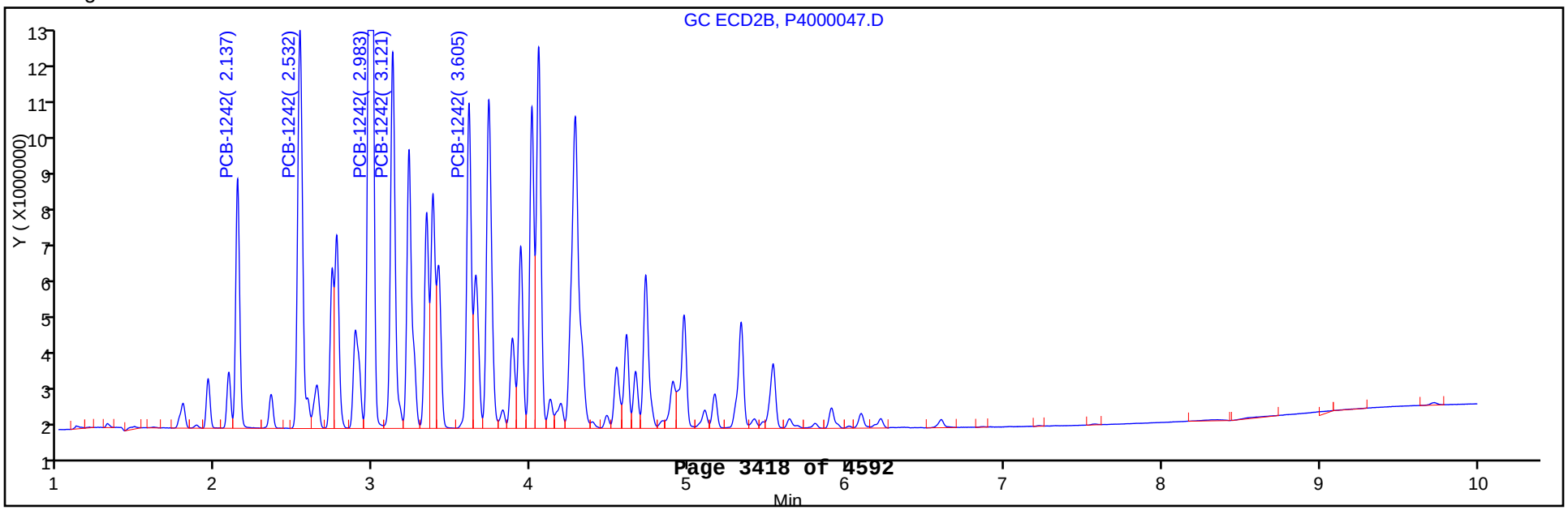
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Injection Date:	04-Dec-2012 20:05:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1

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.: 240-18703-1

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			

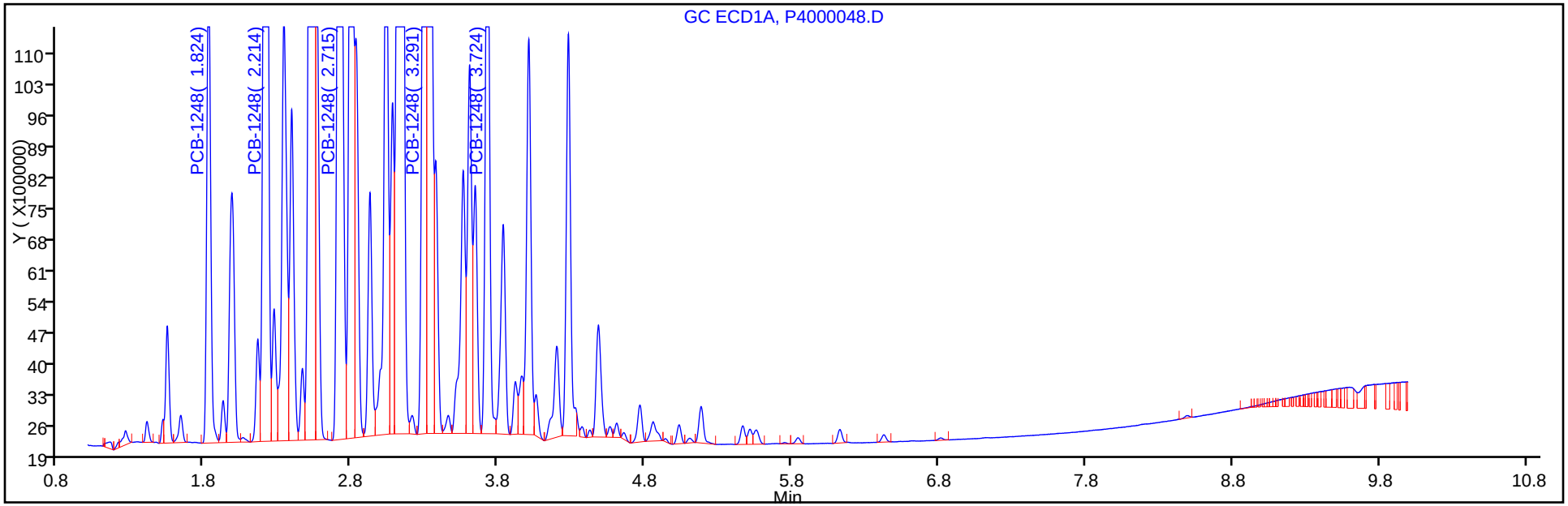
Report Date: 05-Dec-2012 06:33:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

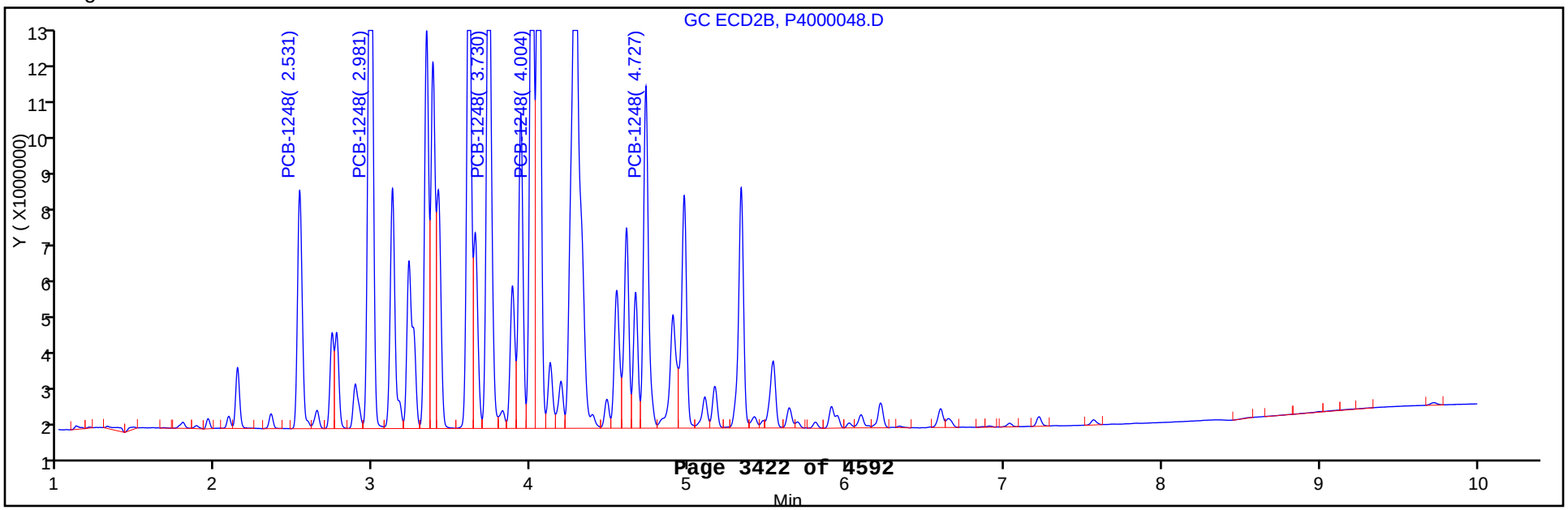
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000048.D

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.: 240-18703-1

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.: 240-18703-1

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			

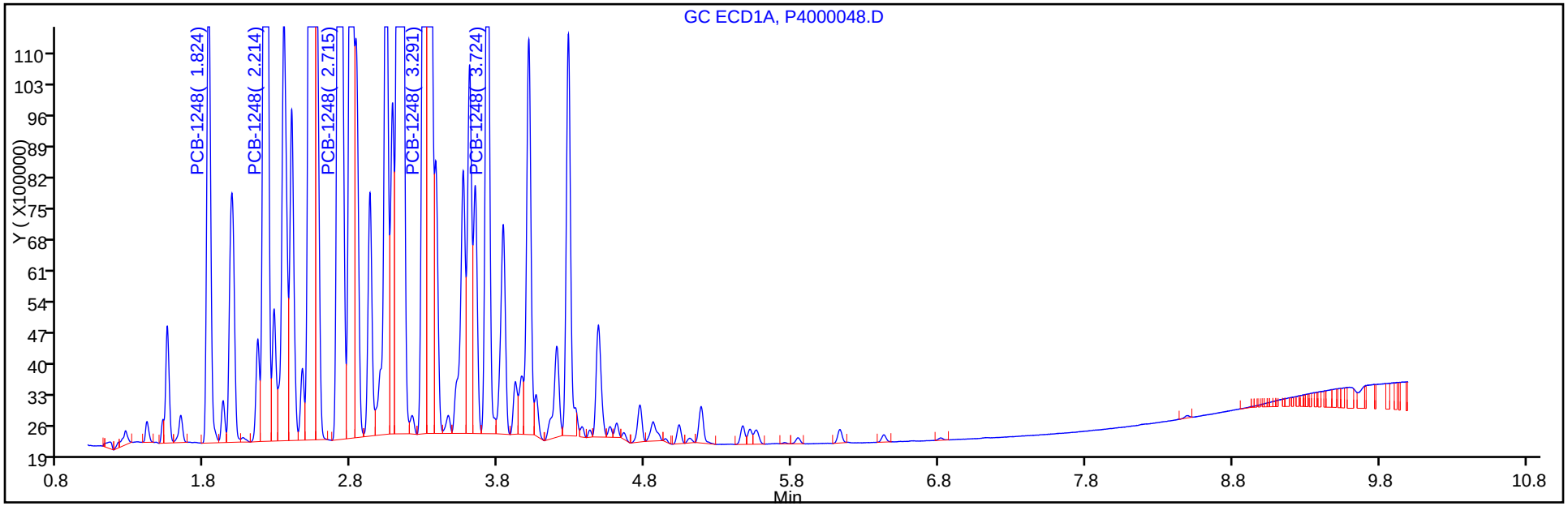
Report Date: 05-Dec-2012 06:33:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

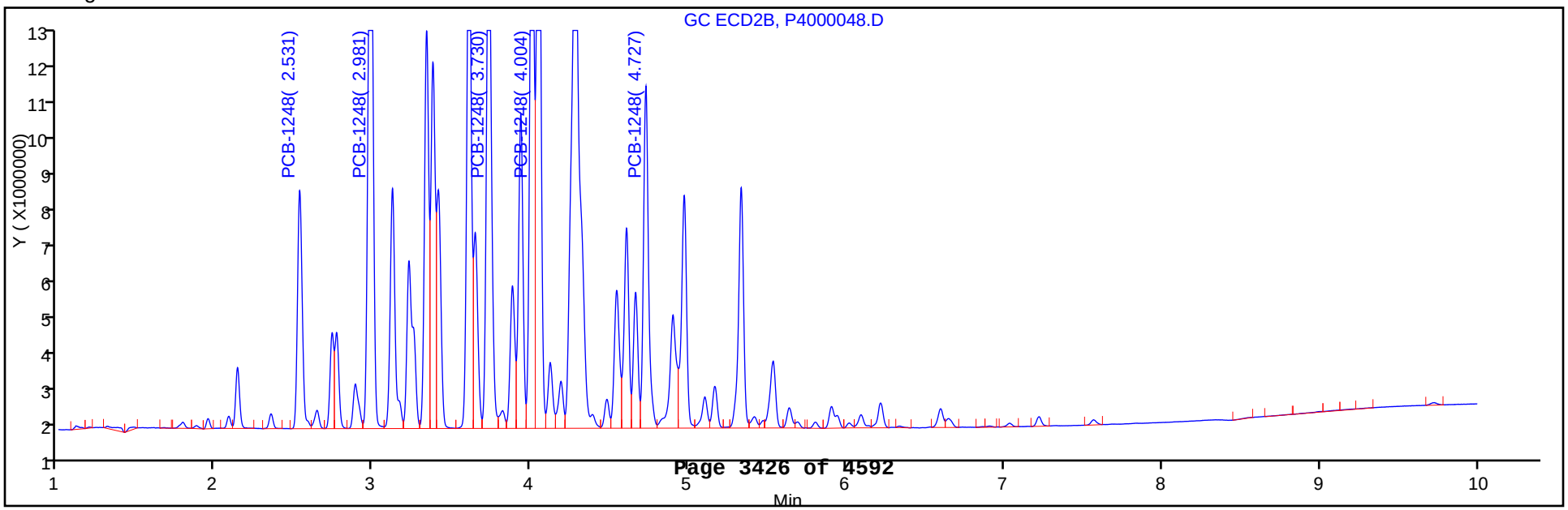
Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000048.D

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.: 240-18703-1

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.: 240-18703-1

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

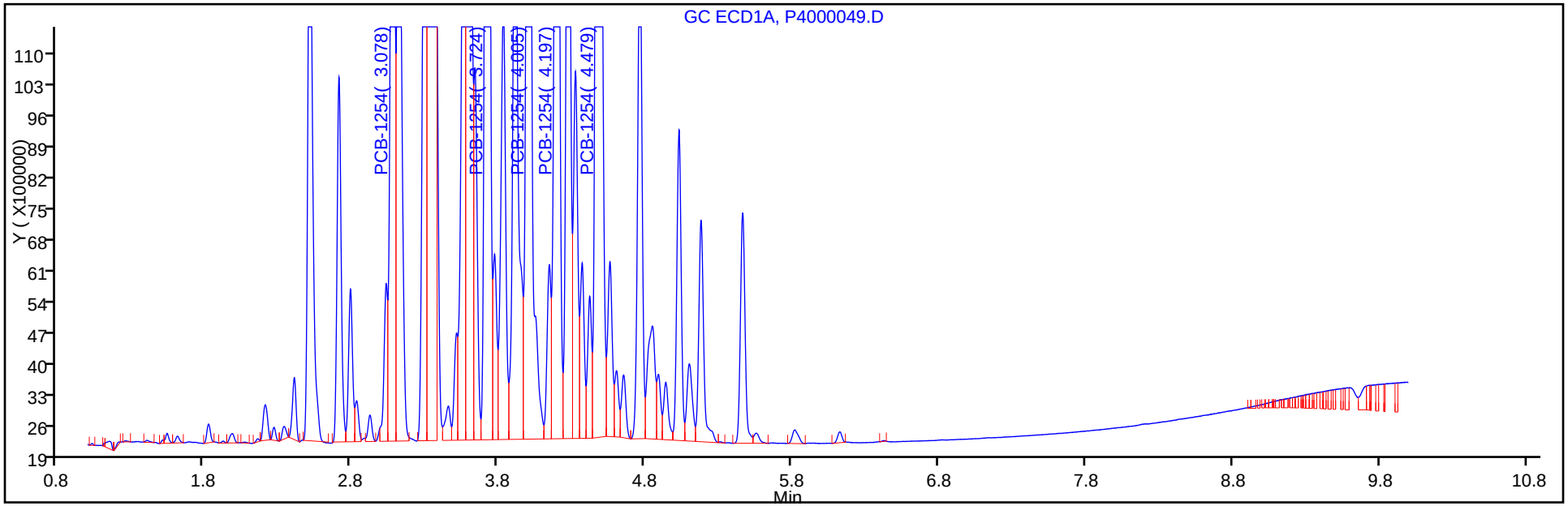
Report Date: 05-Dec-2012 06:33:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

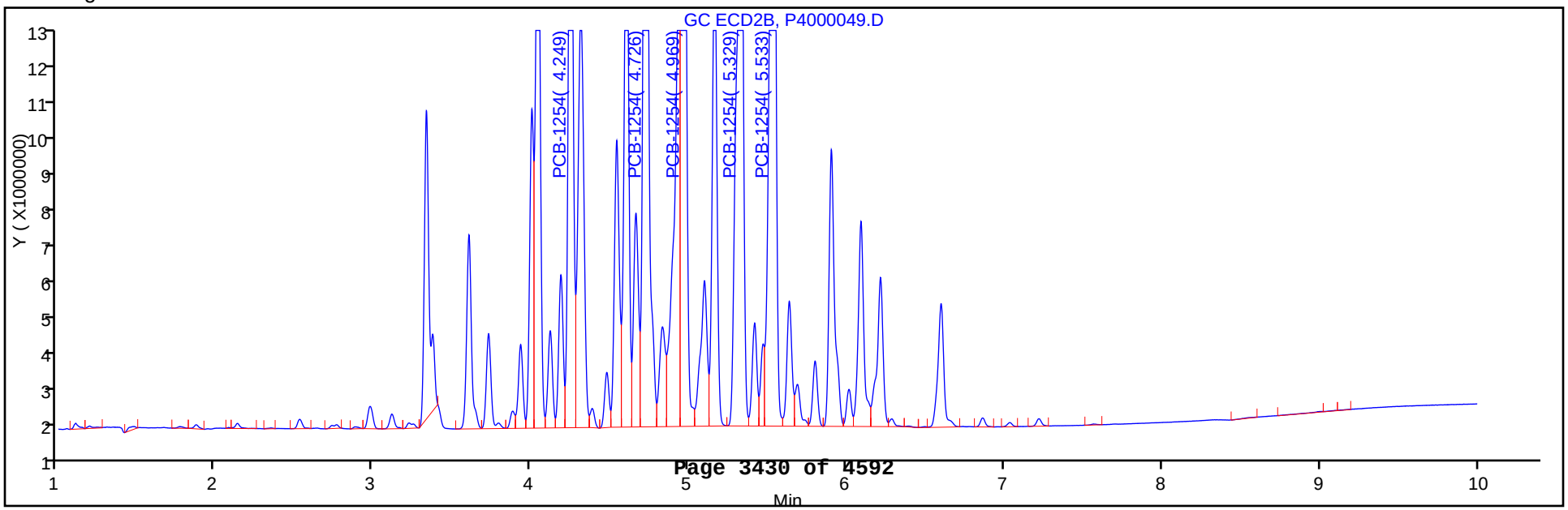
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Injection Date:	04-Dec-2012 20:37:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



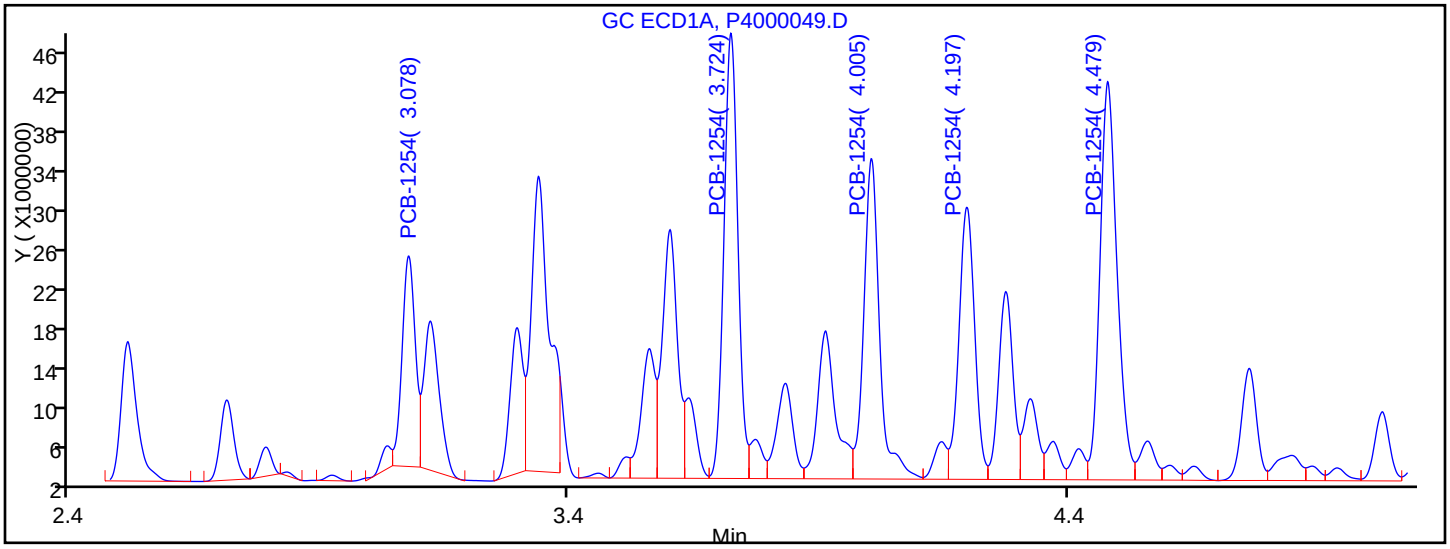
Report Date: 05-Dec-2012 06:33:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000049.D

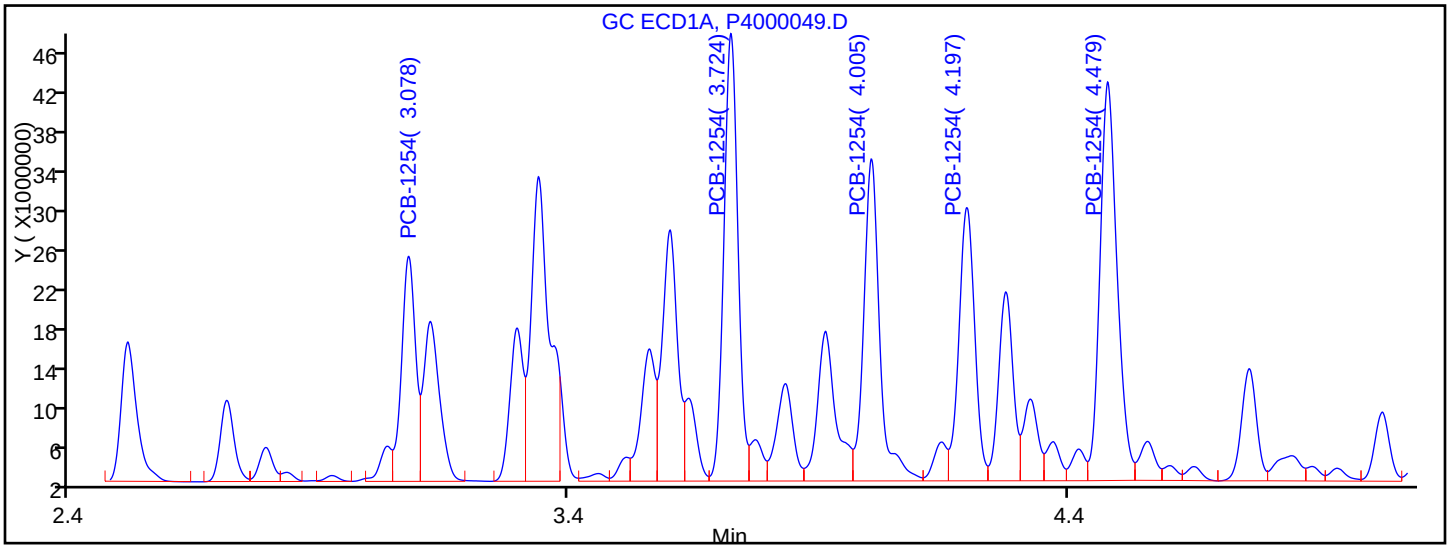
Injection Date:	04-Dec-2012 20:37:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1

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.: 240-18703-1

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

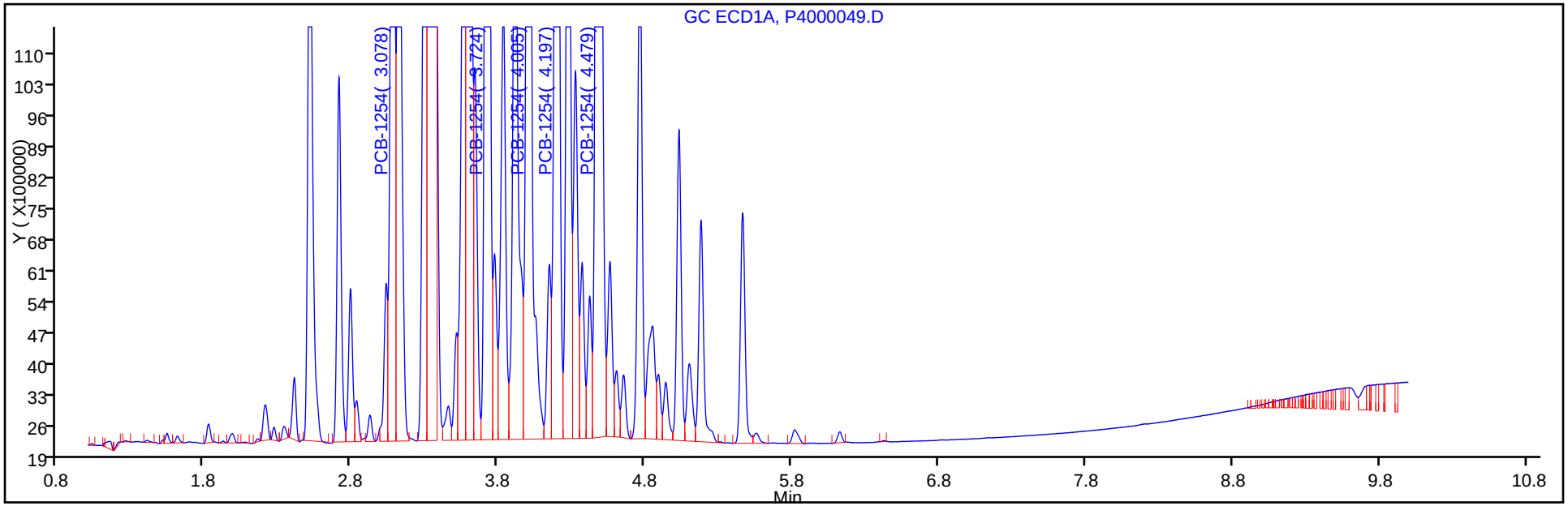
Report Date: 05-Dec-2012 06:33:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

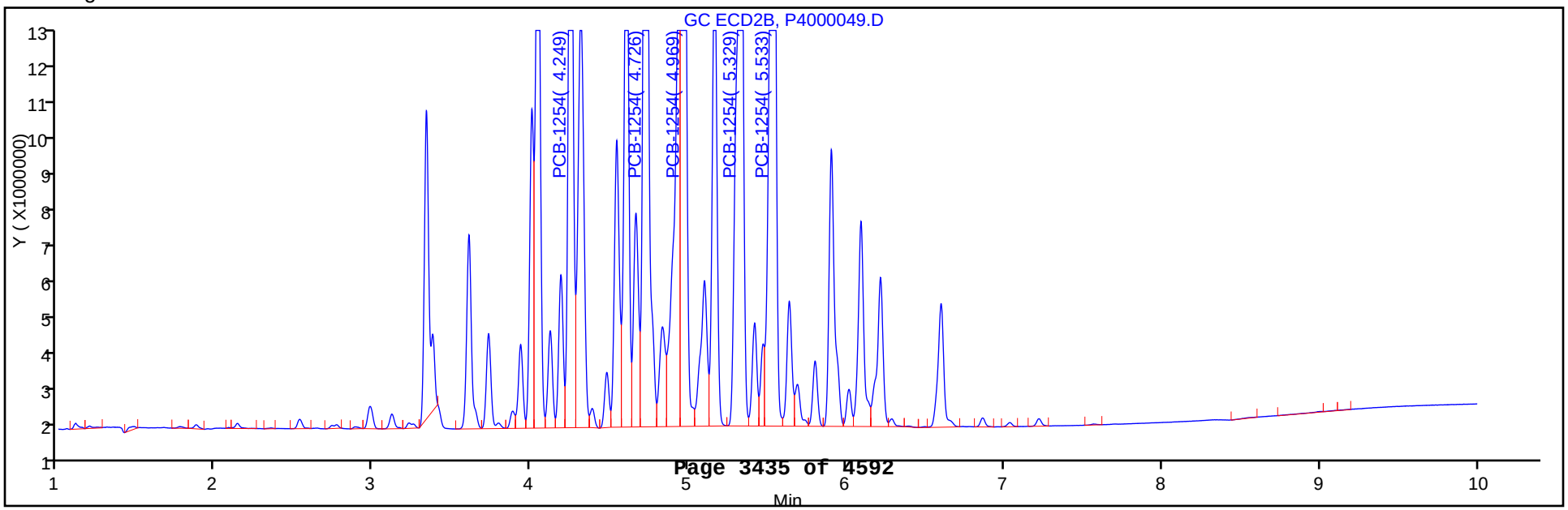
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Injection Date:	04-Dec-2012 20:37:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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

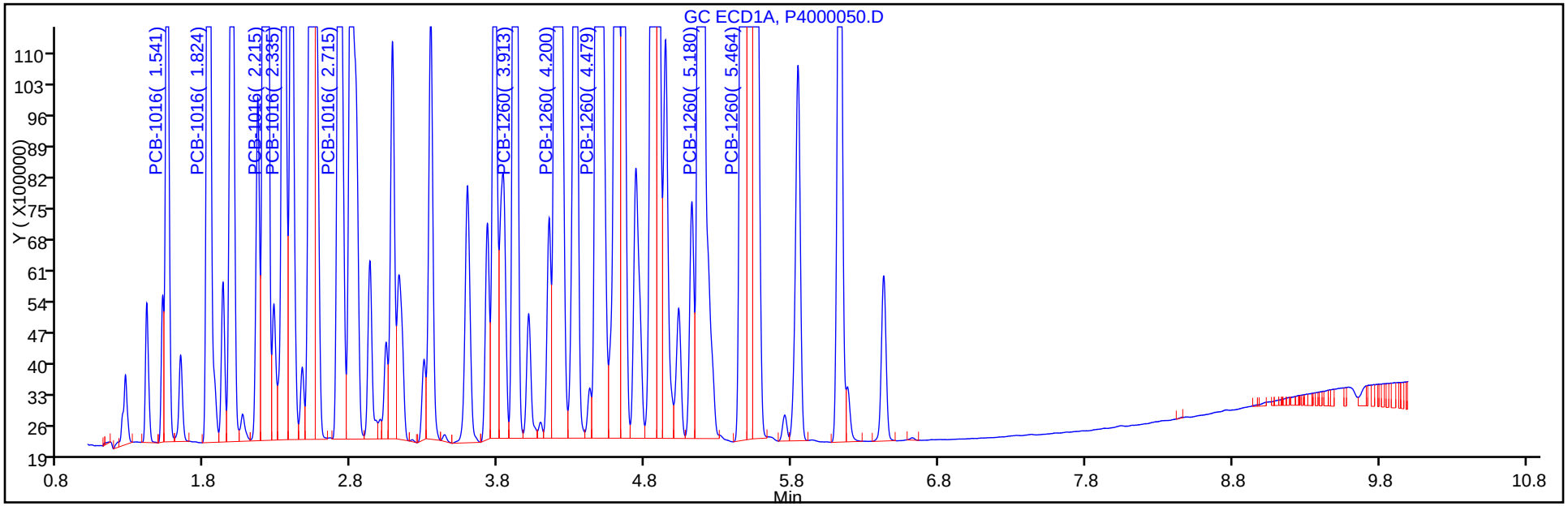
Report Date: 05-Dec-2012 06:33:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

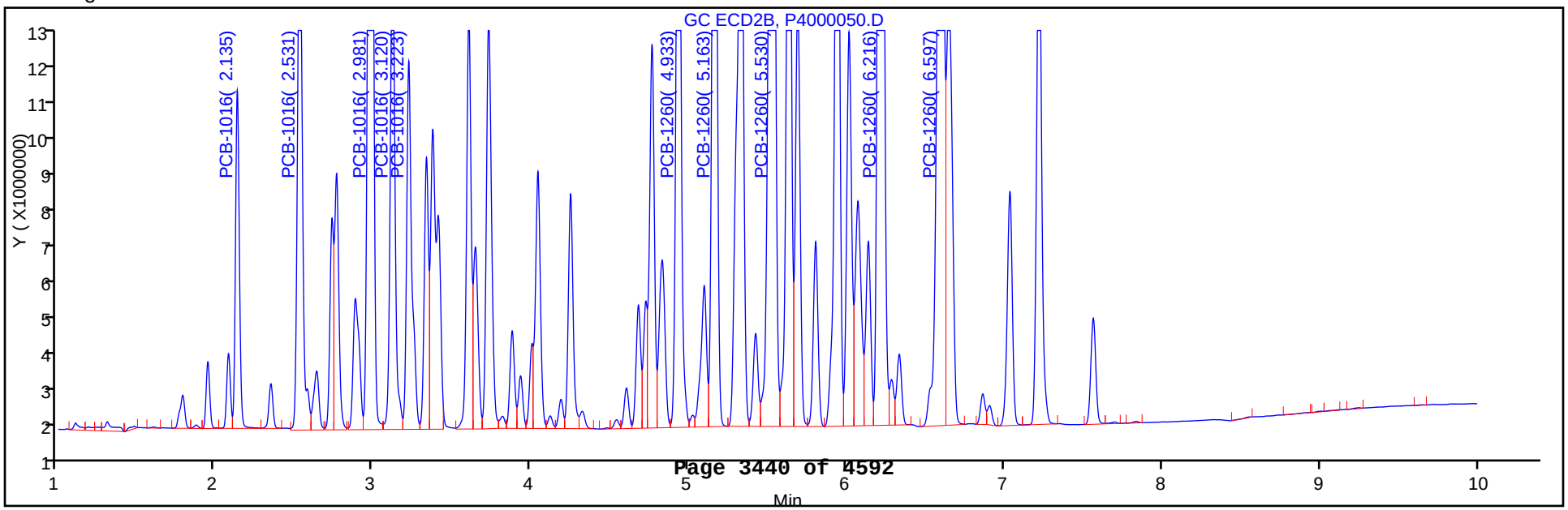
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Injection Date:	04-Dec-2012 20:52:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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

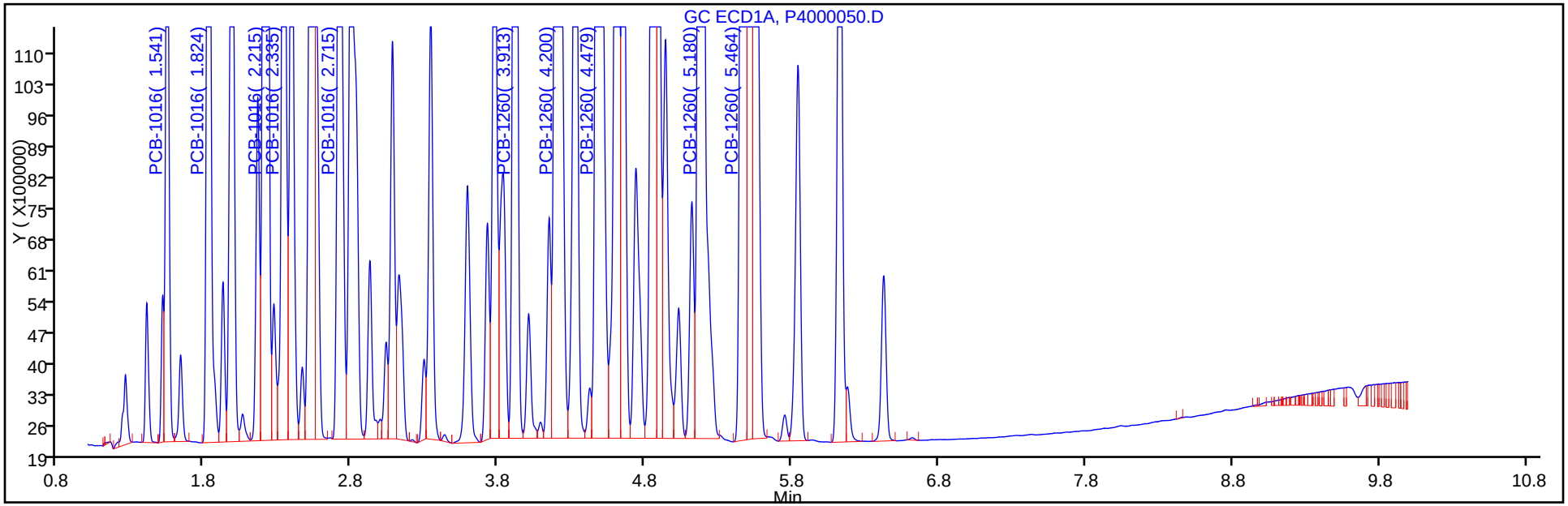
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TestAmerica Canton

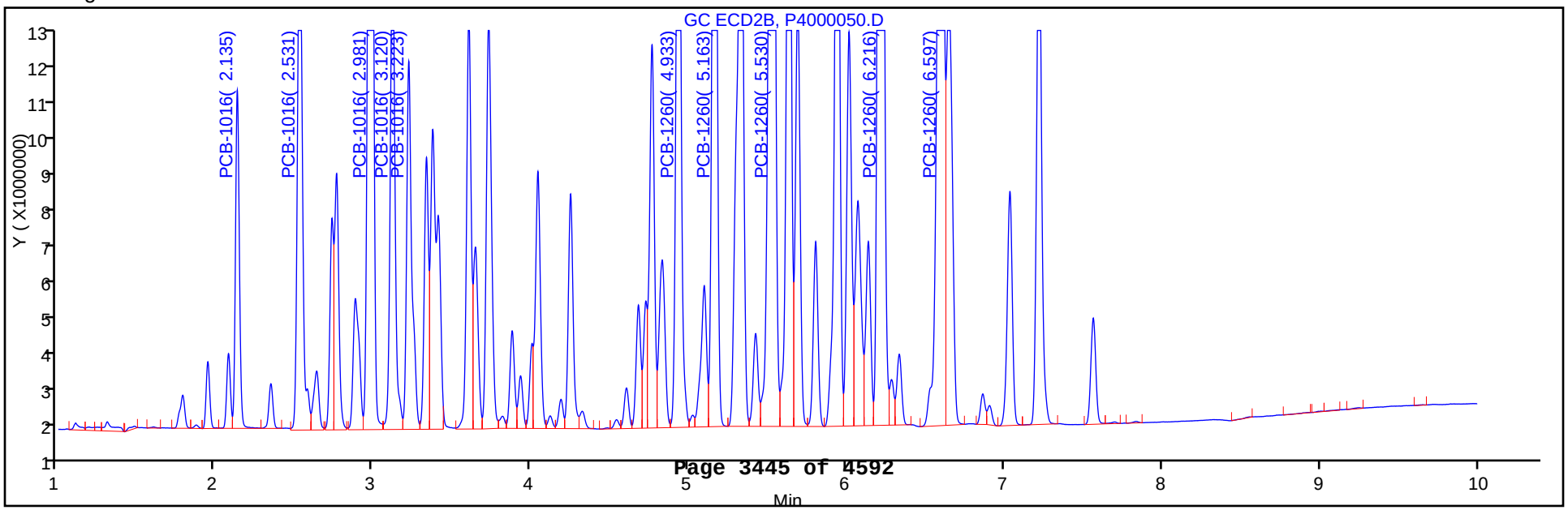
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Injection Date:	04-Dec-2012 20:52:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



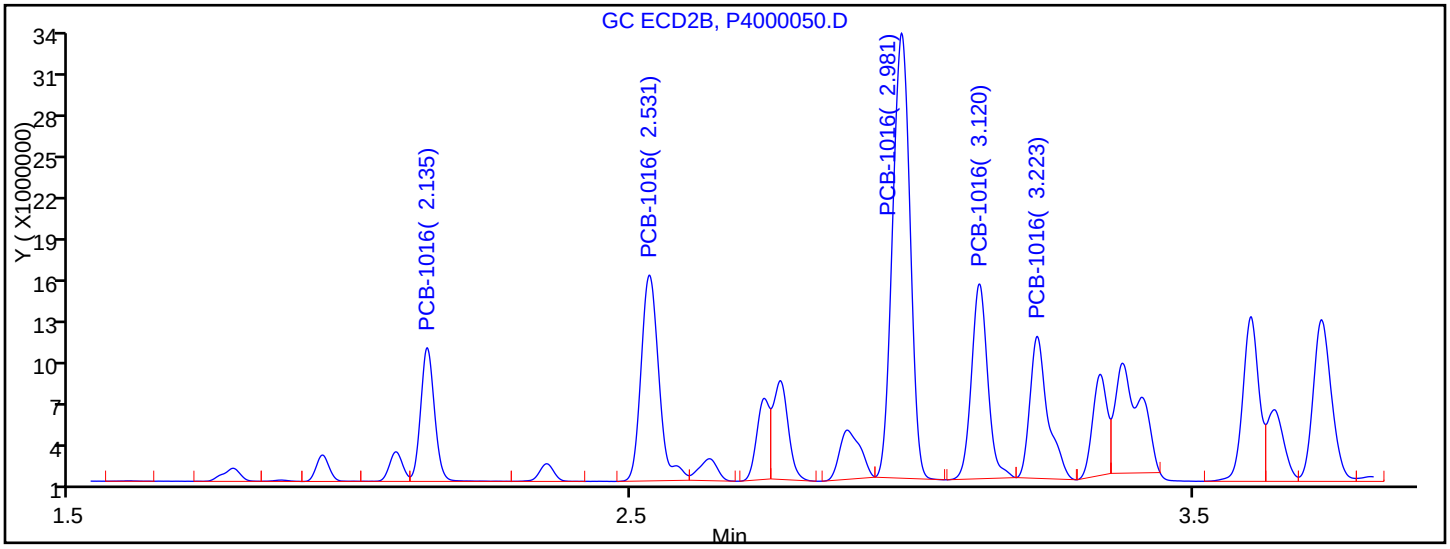
Report Date: 05-Dec-2012 06:33:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000050.D

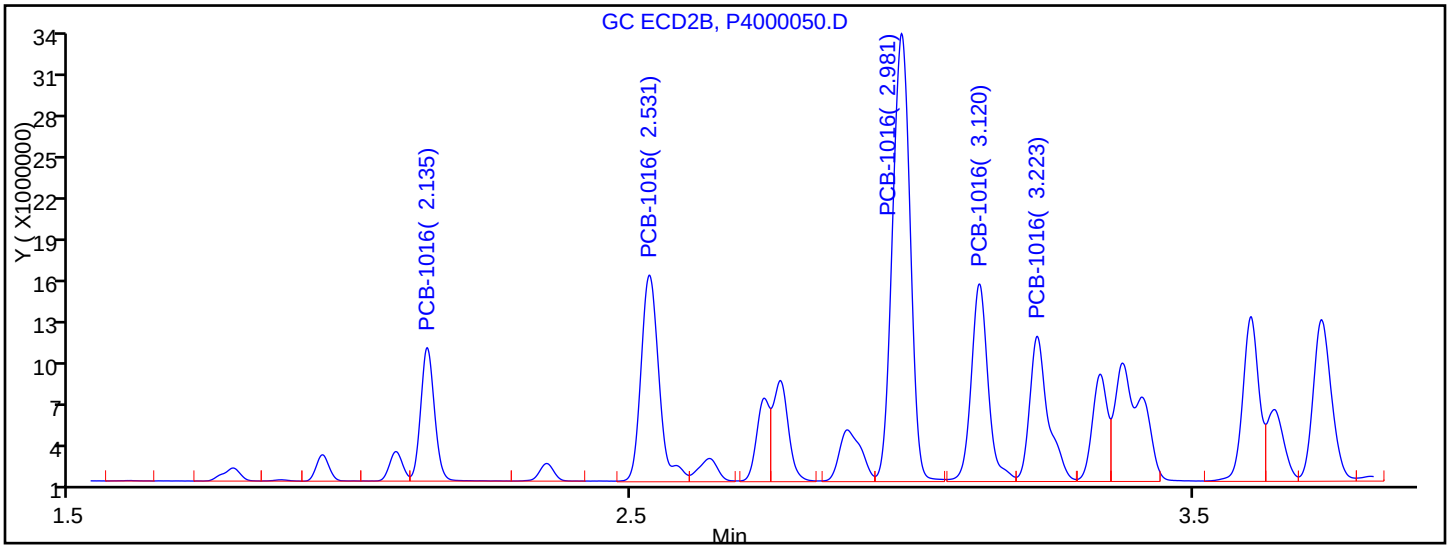
Injection Date:	04-Dec-2012 20:52:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	67207	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69879/3 Calibration Date: 12/22/2012 02:03

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	23659192		0.479	0.500	-4.2	20.0
PCB-1016 Peak 2	Ave	44151983	42980152		0.487	0.500	-2.7	20.0
PCB-1016 Peak 3	Ave	91223581	91823274		0.503	0.500	0.7	20.0
PCB-1016 Peak 4	Ave	40436349	39991244		0.494	0.500	-1.1	20.0
PCB-1016 Peak 5	Ave	40503627	39789470		0.491	0.500	-1.8	20.0
PCB-1260 Peak 1	Ave	59343359	58269068		0.491	0.500	-1.8	20.0
PCB-1260 Peak 2	Ave	107397135	105962414		0.493	0.500	-1.3	20.0
PCB-1260 Peak 3	Ave	110273317	108568352		0.492	0.500	-1.5	20.0
PCB-1260 Peak 4	Ave	124594955	125779398		0.505	0.500	1.0	20.0
PCB-1260 Peak 5	Ave	66509184	65532066		0.493	0.500	-1.5	20.0
Tetrachloro-m-xylene	Ave	1393525317	1421599120		0.0255	0.0250	2.0	20.0
DCB Decachlorobiphenyl	Ave	1299788350	1287608240		0.0248	0.0250	-0.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69879/3 Calibration Date: 12/22/2012 02:03

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	4.19	4.09	4.29
PCB-1260 Peak 3	4.47	4.37	4.57
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\20121222-16115.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 22-Dec-2012 02:03:20 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0016115-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 69879 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121222-16115.b\PCB4.m
Last Update: 24-Dec-2012 08:11:25 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: XAWRK016

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.268	1.268	0.000	35539978	0.0255			
2	2	1.669	1.669	0.000	25169797	0.0278			
						RPD = 8.76			
6 PCB-1016									
1	100	1.536	1.536	0.000	11829596	0.4789		100.0	
1	2	1.819	1.819	0.000	21490076	0.4867	152.4- 202.4	181.7	
1	3	2.209	2.209	0.000	45911637	0.5033	334.6- 384.6	388.1	
1	4	2.329	2.329	0.000	19995622	0.4945	125.4- 195.4	169.0	
1	5	2.709	2.709	0.000	19894735	0.4912	136.2- 186.2	168.2	
			Average of Peak Amounts =			0.4909			
2	6	2.131	2.131	0.000	8393358	0.5310		100.0	
2	7	2.527	2.527	0.000	16820722	0.5350	169.0- 229.0	200.4	
2	8	2.977	2.977	0.000	35300716	0.5586	361.2- 421.2	420.6	
2	9	3.115	3.115	0.000	15138201	0.5483	144.4- 204.4	180.4	
2	10	3.219	3.219	0.000	12025688	0.5505	108.9- 168.9	143.3	
			Average of Peak Amounts =			0.5447			
						RPD = 10.38			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.908	3.908	0.000	29134534	0.4909		100.0	
1	2	4.194	4.194	0.000	52981207	0.4933	156.3- 206.3	181.9	
1	3	4.474	4.474	0.000	54284176	0.4923	159.6- 209.6	186.3	
1	4	5.176	5.176	0.000	62889699	0.5048	183.4- 233.4	215.9	
1	5	5.459	5.459	0.000	32766033	0.4927	87.0- 137.0	112.5	
			Average of Peak Amounts =			0.4948			
2	6	4.929	4.929	0.000	24108018	0.5295		100.0	
2	7	5.159	5.159	0.000	28410397	0.5205	86.9- 146.9	117.8	
2	8	5.528	5.528	0.000	43178332	0.5354	145.2- 205.2	179.1	
2	9	6.213	6.213	0.000	53568563	0.5534	177.4- 237.4	222.2	
2	10	6.594	6.594	0.000	38435984	0.5353	125.7- 185.7	159.4	
			Average of Peak Amounts =			0.5348			
						RPD = 7.78			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	32190206	0.0248			
2	2	7.832	7.832	0.000	26122203	0.0264			
						RPD = 6.21			

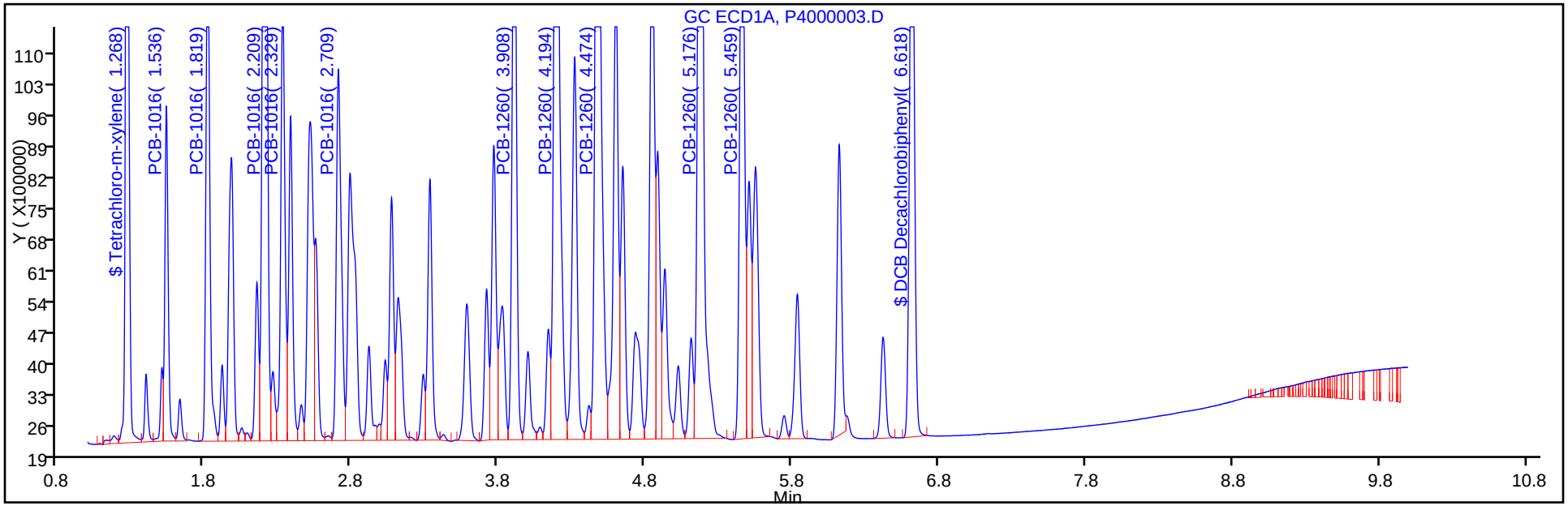
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TestAmerica Canton

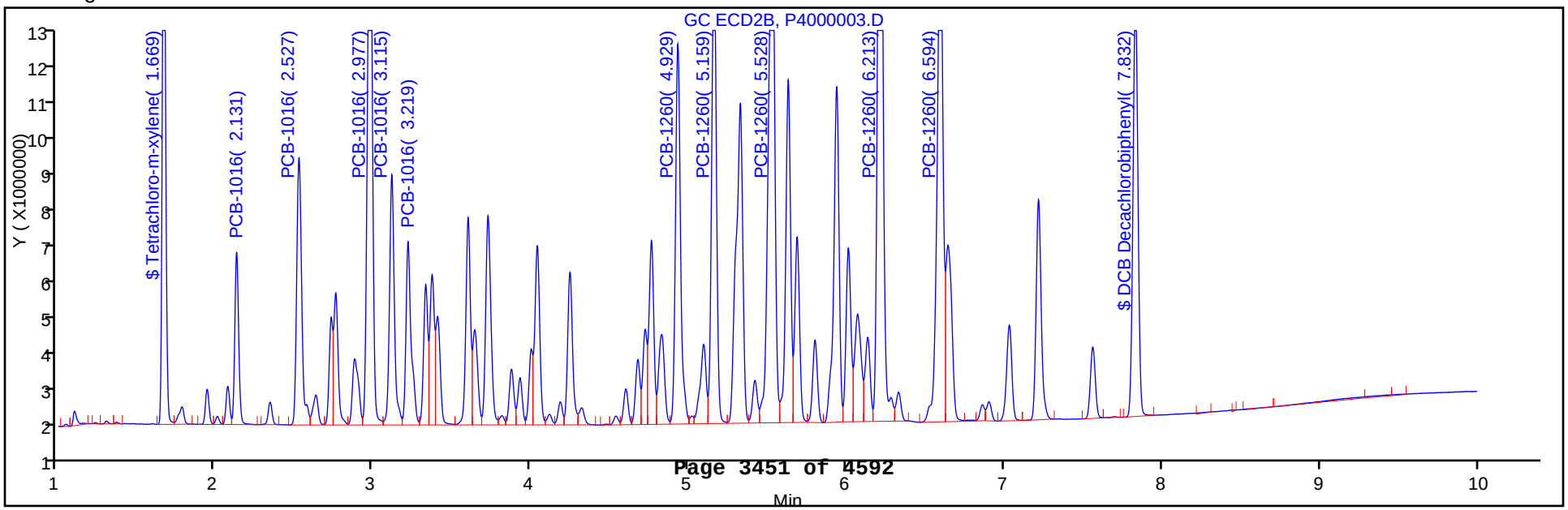
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Injection Date:	22-Dec-2012 02:03:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69879	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69879/3 Calibration Date: 12/22/2012 02:03

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	16786716		0.531	0.500	6.2	20.0
PCB-1016 Peak 2	Ave	31440012	33641444		0.535	0.500	7.0	20.0
PCB-1016 Peak 3	Ave	63200288	70601432		0.559	0.500	11.7	20.0
PCB-1016 Peak 4	Ave	27607491	30276402		0.548	0.500	9.7	20.0
PCB-1016 Peak 5	Ave	21845224	24051376		0.550	0.500	10.1	20.0
PCB-1260 Peak 1	Ave	45527908	48216036		0.530	0.500	5.9	20.0
PCB-1260 Peak 2	Ave	54580002	56820794		0.521	0.500	4.1	20.0
PCB-1260 Peak 3	Ave	80645277	86356664		0.535	0.500	7.1	20.0
PCB-1260 Peak 4	Ave	96793644	107137126		0.553	0.500	10.7	20.0
PCB-1260 Peak 5	Ave	71805358	76871968		0.535	0.500	7.1	20.0
Tetrachloro-m-xylene	Ave	904095540	1006791880		0.0278	0.0250	11.4	20.0
DCB Decachlorobiphenyl	Ave	991196823	1044888120		0.0264	0.0250	5.4	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69879/3 Calibration Date: 12/22/2012 02:03

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	6.59	6.49	6.69
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\20121222-16115.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 22-Dec-2012 02:03:20 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0016115-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 69879 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121222-16115.b\PCB4.m
Last Update: 24-Dec-2012 08:11:25 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: XAWRK016

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.268	1.268	0.000	35539978	0.0255			
2	2	1.669	1.669	0.000	25169797	0.0278			
						RPD = 8.76			
6 PCB-1016									
1	100	1.536	1.536	0.000	11829596	0.4789		100.0	
1	2	1.819	1.819	0.000	21490076	0.4867	152.4- 202.4	181.7	
1	3	2.209	2.209	0.000	45911637	0.5033	334.6- 384.6	388.1	
1	4	2.329	2.329	0.000	19995622	0.4945	125.4- 195.4	169.0	
1	5	2.709	2.709	0.000	19894735	0.4912	136.2- 186.2	168.2	
			Average of Peak Amounts =			0.4909			
2	6	2.131	2.131	0.000	8393358	0.5310		100.0	
2	7	2.527	2.527	0.000	16820722	0.5350	169.0- 229.0	200.4	
2	8	2.977	2.977	0.000	35300716	0.5586	361.2- 421.2	420.6	
2	9	3.115	3.115	0.000	15138201	0.5483	144.4- 204.4	180.4	
2	10	3.219	3.219	0.000	12025688	0.5505	108.9- 168.9	143.3	
			Average of Peak Amounts =			0.5447			
						RPD = 10.38			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.908	3.908	0.000	29134534	0.4909		100.0	
1	2	4.194	4.194	0.000	52981207	0.4933	156.3- 206.3	181.9	
1	3	4.474	4.474	0.000	54284176	0.4923	159.6- 209.6	186.3	
1	4	5.176	5.176	0.000	62889699	0.5048	183.4- 233.4	215.9	
1	5	5.459	5.459	0.000	32766033	0.4927	87.0- 137.0	112.5	
			Average of Peak Amounts =			0.4948			
2	6	4.929	4.929	0.000	24108018	0.5295		100.0	
2	7	5.159	5.159	0.000	28410397	0.5205	86.9- 146.9	117.8	
2	8	5.528	5.528	0.000	43178332	0.5354	145.2- 205.2	179.1	
2	9	6.213	6.213	0.000	53568563	0.5534	177.4- 237.4	222.2	
2	10	6.594	6.594	0.000	38435984	0.5353	125.7- 185.7	159.4	
			Average of Peak Amounts =			0.5348			
						RPD = 7.78			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	32190206	0.0248			
2	2	7.832	7.832	0.000	26122203	0.0264			
						RPD = 6.21			

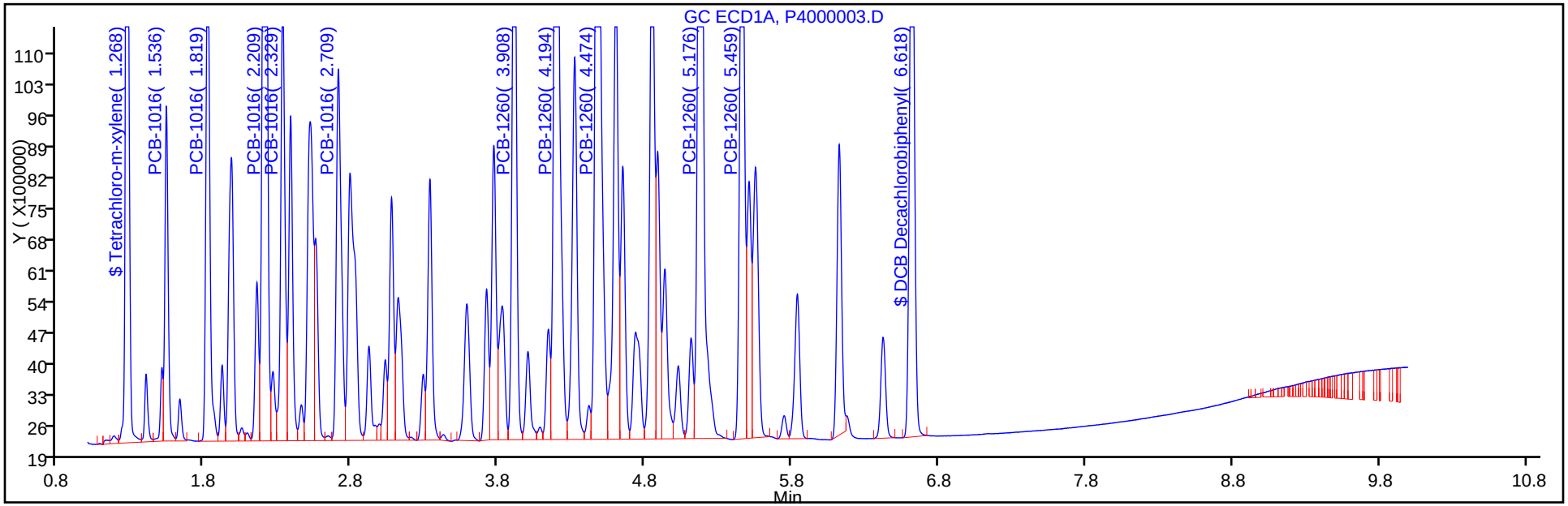
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TestAmerica Canton

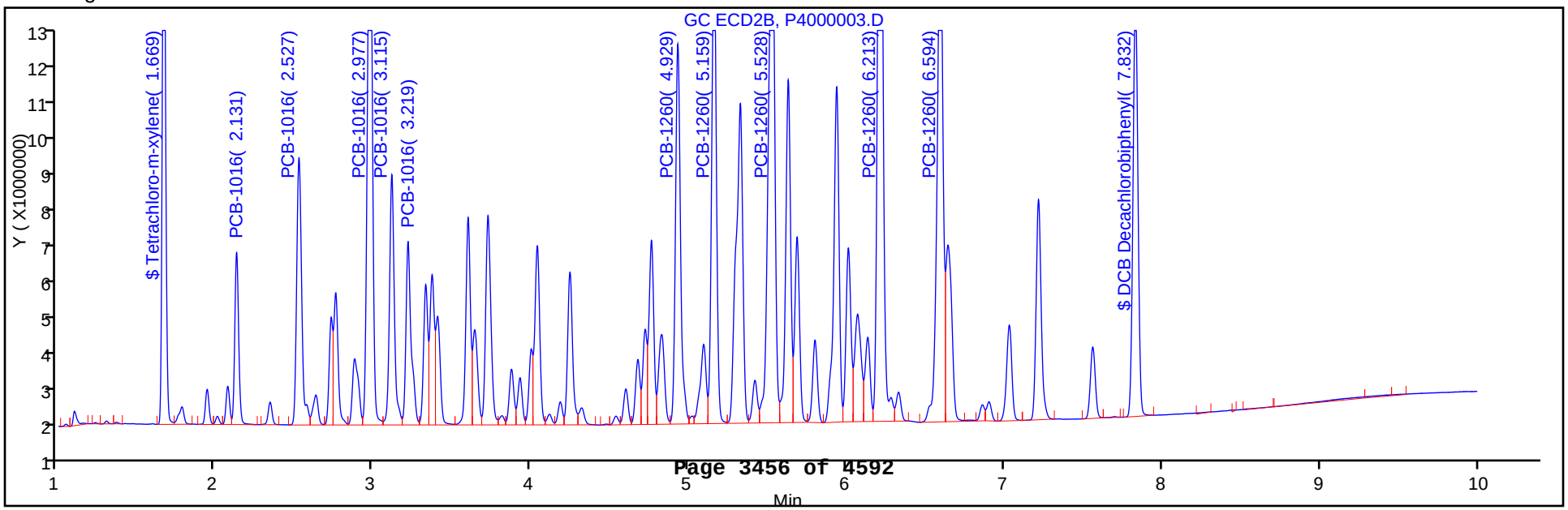
Data File: \\Ncchrom\ChromData\A2HP4\20121222-16115.b\P4000003.D

Injection Date:	22-Dec-2012 02:03:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69879	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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69879/21 Calibration Date: 12/22/2012 06:46

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: P4000021.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	24246102		0.491	0.500	-1.8	20.0
PCB-1016 Peak 2	Ave	44151983	43280142		0.490	0.500	-2.0	20.0
PCB-1016 Peak 3	Ave	91223581	93544502		0.513	0.500	2.5	20.0
PCB-1016 Peak 4	Ave	40436349	40057404		0.495	0.500	-0.9	20.0
PCB-1016 Peak 5	Ave	40503627	39911748		0.493	0.500	-1.5	20.0
PCB-1260 Peak 1	Ave	59343359	58444022		0.492	0.500	-1.5	20.0
PCB-1260 Peak 2	Ave	107397135	107240080		0.499	0.500	-0.1	20.0
PCB-1260 Peak 3	Ave	110273317	110367428		0.500	0.500	0.0	20.0
PCB-1260 Peak 4	Ave	124594955	126956772		0.509	0.500	1.9	20.0
PCB-1260 Peak 5	Ave	66509184	67185822		0.505	0.500	1.0	20.0
Tetrachloro-m-xylene	Ave	1393525317	1407461960		0.0253	0.0250	1.0	20.0
DCB Decachlorobiphenyl	Ave	1299788350	1296240080		0.0249	0.0250	-0.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69879/21 Calibration Date: 12/22/2012 06:46

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: P4000021.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\20121222-16115.b\P4000021.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 22-Dec-2012 06:46:39 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016115-021
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 21
Lims Batch ID: 69879 Lims Sample ID: 21
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121222-16115.b\PCB4.m
Last Update: 24-Dec-2012 08:11:53 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: XAWRK016

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	35186549	0.0253			
2	2	1.673	1.673	0.000	25134282	0.0278			
						RPD = 9.62			
6 PCB-1016									
1	100	1.540	1.540	0.000	12123051	0.4908		100.0	
1	2	1.823	1.823	0.000	21640071	0.4901	152.4- 202.4	178.5	
1	3	2.213	2.213	0.000	46772251	0.5127	334.6- 384.6	385.8	
1	4	2.333	2.333	0.000	20028702	0.4953	125.4- 195.4	165.2	
1	5	2.712	2.712	0.000	19955874	0.4927	136.2- 186.2	164.6	
			Average of Peak Amounts =			0.4963			
2	6	2.134	2.134	0.000	8432641	0.5335		100.0	
2	7	2.530	2.530	0.000	16834697	0.5355	169.0- 229.0	199.6	
2	8	2.980	2.980	0.000	35407366	0.5602	361.2- 421.2	419.9	
2	9	3.118	3.118	0.000	15003184	0.5434	144.4- 204.4	177.9	
2	10	3.222	3.222	0.000	11874772	0.5436	108.9- 168.9	140.8	
			Average of Peak Amounts =			0.5432			
						RPD = 9.03			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.909	3.909	0.000	29222011	0.4924		100.0	
1	2	4.197	4.197	0.000	53620040	0.4993	156.3- 206.3	183.5	
1	3	4.477	4.477	0.000	55183714	0.5004	159.6- 209.6	188.8	
1	4	5.177	5.177	0.000	63478386	0.5095	183.4- 233.4	217.2	
1	5	5.461	5.461	0.000	33592911	0.5051	87.0- 137.0	115.0	
			Average of Peak Amounts =			0.5013			
2	6	4.931	4.931	0.000	23734879	0.5213		100.0	
2	7	5.160	5.160	0.000	28333550	0.5191	86.9- 146.9	119.4	
2	8	5.528	5.528	0.000	43289944	0.5368	145.2- 205.2	182.4	
2	9	6.214	6.214	0.000	52788135	0.5454	177.4- 237.4	222.4	
2	10	6.595	6.595	0.000	38501436	0.5362	125.7- 185.7	162.2	
			Average of Peak Amounts =			0.5318			
						RPD = 5.89			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	32406002	0.0249			
2	2	7.833	7.833	0.000	25946643	0.0262			
						RPD = 4.87			

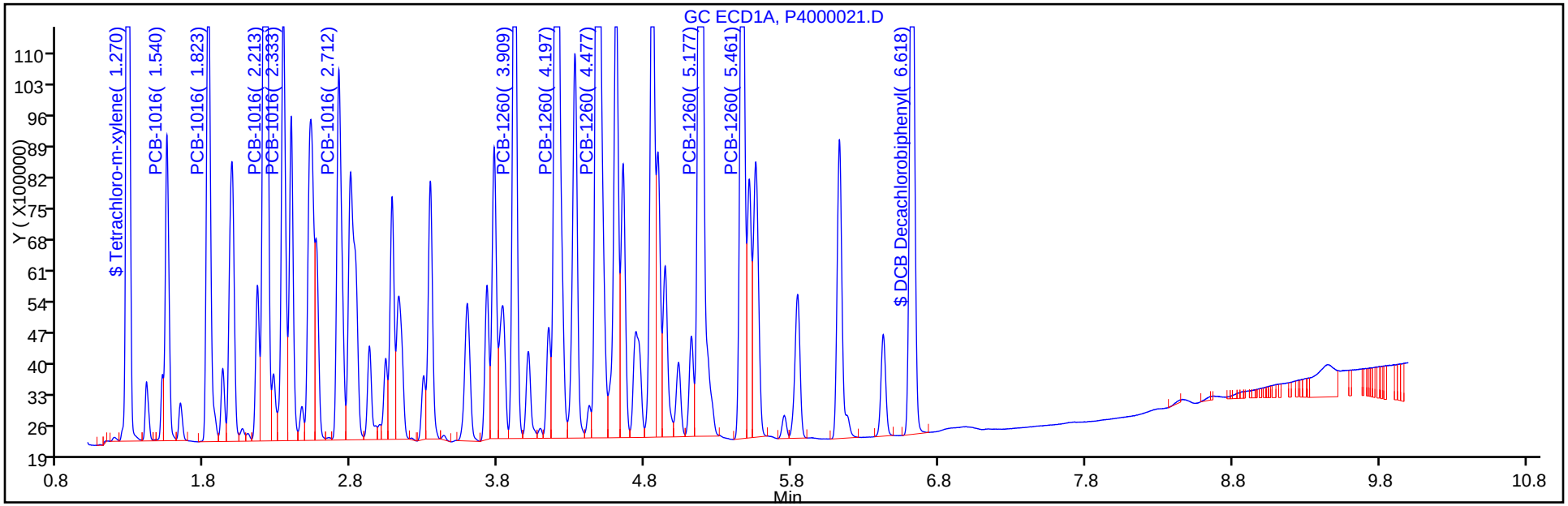
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TestAmerica Canton

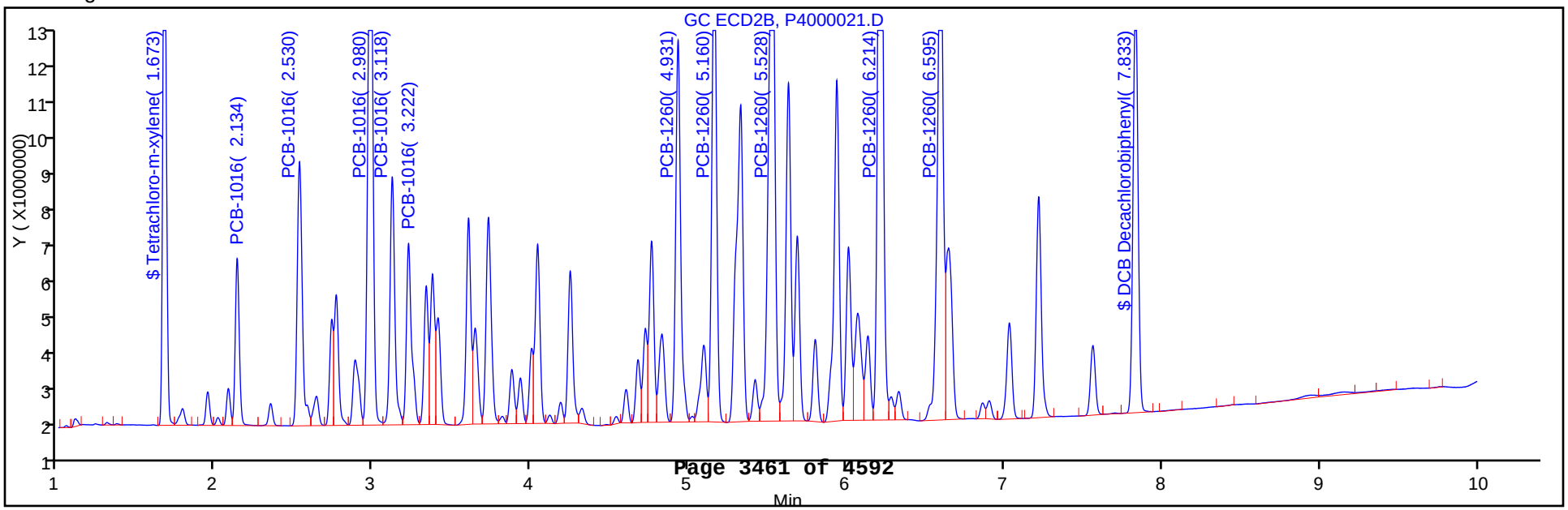
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Injection Date:	22-Dec-2012 06:46:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69879	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69879/21 Calibration Date: 12/22/2012 06:46

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: P4000021.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	16865282		0.533	0.500	6.7	20.0
PCB-1016 Peak 2	Ave	31440012	33669394		0.535	0.500	7.1	20.0
PCB-1016 Peak 3	Ave	63200288	70814732		0.560	0.500	12.0	20.0
PCB-1016 Peak 4	Ave	27607491	30006368		0.543	0.500	8.7	20.0
PCB-1016 Peak 5	Ave	21845224	23749544		0.544	0.500	8.7	20.0
PCB-1260 Peak 1	Ave	45527908	47469758		0.521	0.500	4.3	20.0
PCB-1260 Peak 2	Ave	54580002	56667100		0.519	0.500	3.8	20.0
PCB-1260 Peak 3	Ave	80645277	86579888		0.537	0.500	7.4	20.0
PCB-1260 Peak 4	Ave	96793644	105576270		0.545	0.500	9.1	20.0
PCB-1260 Peak 5	Ave	71805358	77002872		0.536	0.500	7.2	20.0
Tetrachloro-m-xylene	Ave	904095540	1005371280		0.0278	0.0250	11.2	20.0
DCB Decachlorobiphenyl	Ave	991196823	1037865720		0.0262	0.0250	4.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69879/21 Calibration Date: 12/22/2012 06:46

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: P4000021.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\20121222-16115.b\P4000021.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 22-Dec-2012 06:46:39 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016115-021
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 21
Lims Batch ID: 69879 Lims Sample ID: 21
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121222-16115.b\PCB4.m
Last Update: 24-Dec-2012 08:11:53 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: XAWRK016

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	35186549	0.0253			
2	2	1.673	1.673	0.000	25134282	0.0278			
						RPD = 9.62			
6 PCB-1016									
1	100	1.540	1.540	0.000	12123051	0.4908		100.0	
1	2	1.823	1.823	0.000	21640071	0.4901	152.4- 202.4	178.5	
1	3	2.213	2.213	0.000	46772251	0.5127	334.6- 384.6	385.8	
1	4	2.333	2.333	0.000	20028702	0.4953	125.4- 195.4	165.2	
1	5	2.712	2.712	0.000	19955874	0.4927	136.2- 186.2	164.6	
			Average of Peak Amounts =			0.4963			
2	6	2.134	2.134	0.000	8432641	0.5335		100.0	
2	7	2.530	2.530	0.000	16834697	0.5355	169.0- 229.0	199.6	
2	8	2.980	2.980	0.000	35407366	0.5602	361.2- 421.2	419.9	
2	9	3.118	3.118	0.000	15003184	0.5434	144.4- 204.4	177.9	
2	10	3.222	3.222	0.000	11874772	0.5436	108.9- 168.9	140.8	
			Average of Peak Amounts =			0.5432			
						RPD = 9.03			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.909	3.909	0.000	29222011	0.4924		100.0	
1	2	4.197	4.197	0.000	53620040	0.4993	156.3- 206.3	183.5	
1	3	4.477	4.477	0.000	55183714	0.5004	159.6- 209.6	188.8	
1	4	5.177	5.177	0.000	63478386	0.5095	183.4- 233.4	217.2	
1	5	5.461	5.461	0.000	33592911	0.5051	87.0- 137.0	115.0	
			Average of Peak Amounts =			0.5013			
2	6	4.931	4.931	0.000	23734879	0.5213		100.0	
2	7	5.160	5.160	0.000	28333550	0.5191	86.9- 146.9	119.4	
2	8	5.528	5.528	0.000	43289944	0.5368	145.2- 205.2	182.4	
2	9	6.214	6.214	0.000	52788135	0.5454	177.4- 237.4	222.4	
2	10	6.595	6.595	0.000	38501436	0.5362	125.7- 185.7	162.2	
			Average of Peak Amounts =			0.5318			
						RPD = 5.89			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	32406002	0.0249			
2	2	7.833	7.833	0.000	25946643	0.0262			
						RPD = 4.87			

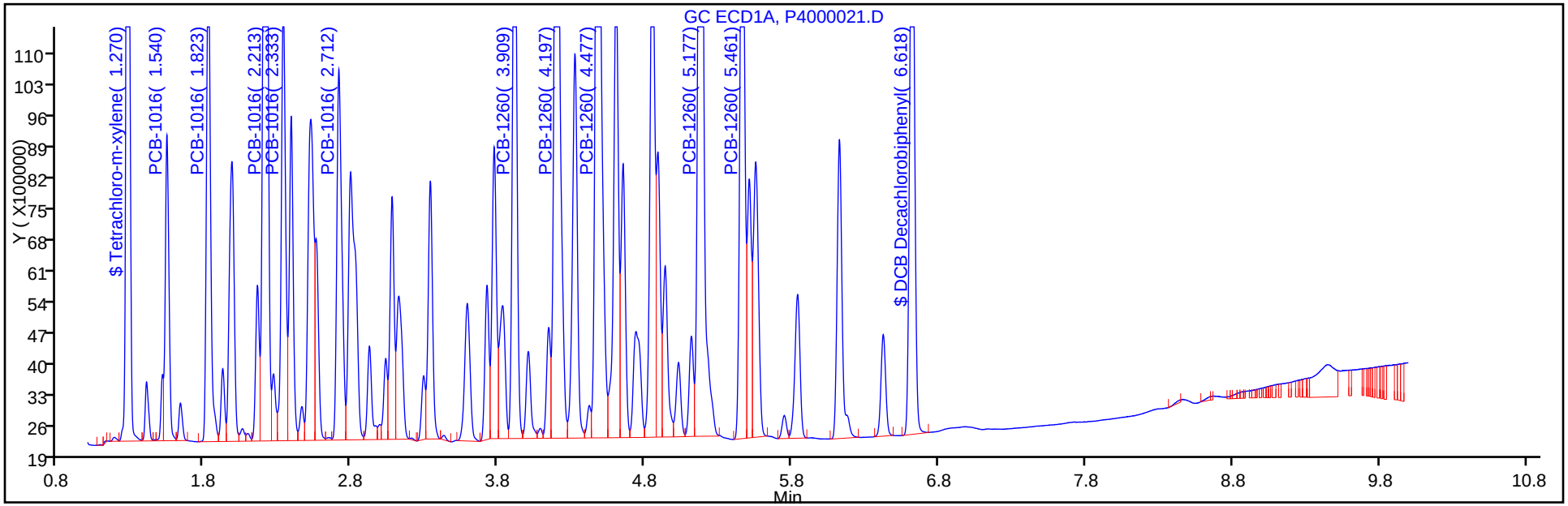
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TestAmerica Canton

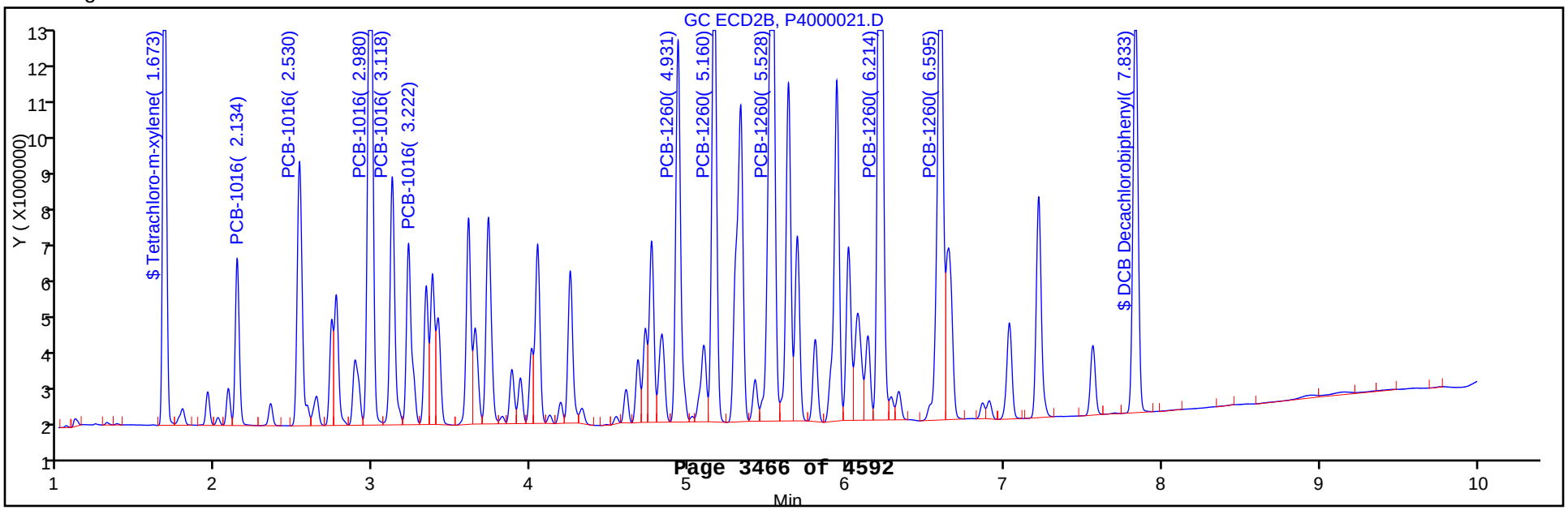
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Injection Date:	22-Dec-2012 06:46:39	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69879	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69978/3 Calibration Date: 12/24/2012 09:39

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	24217452		0.490	0.500	-2.0	20.0
PCB-1016 Peak 2	Ave	44151983	44200332		0.501	0.500	0.1	20.0
PCB-1016 Peak 3	Ave	91223581	94970238		0.521	0.500	4.1	20.0
PCB-1016 Peak 4	Ave	40436349	41087948		0.508	0.500	1.6	20.0
PCB-1016 Peak 5	Ave	40503627	40895948		0.505	0.500	1.0	20.0
PCB-1260 Peak 1	Ave	59343359	60087982		0.506	0.500	1.3	20.0
PCB-1260 Peak 2	Ave	107397135	109352832		0.509	0.500	1.8	20.0
PCB-1260 Peak 3	Ave	110273317	112109060		0.508	0.500	1.7	20.0
PCB-1260 Peak 4	Ave	124594955	129278426		0.519	0.500	3.8	20.0
PCB-1260 Peak 5	Ave	66509184	66548152		0.500	0.500	0.0	20.0
Tetrachloro-m-xylene	Ave	1393525317	1454026040		0.0261	0.0250	4.3	20.0
DCB Decachlorobiphenyl	Ave	1299788350	1287755320		0.0248	0.0250	-0.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69978/3 Calibration Date: 12/24/2012 09:39

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	4.19	4.09	4.29
PCB-1260 Peak 3	4.47	4.37	4.57
PCB-1260 Peak 4	5.17	5.07	5.27
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\20121224-16145.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 24-Dec-2012 09:39:40 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0016145-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 69978 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m
Last Update: 26-Dec-2012 08:41:05 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: XAWRK029

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.267	1.267	0.000	36350651	0.0261			
2	2	1.669	1.669	0.000	25830734	0.0286			
						RPD = 9.09			
6 PCB-1016									
1	100	1.537	1.537	0.000	12108726	0.4902		100.0	
1	2	1.818	1.818	0.000	22100166	0.5005	152.4- 202.4	182.5	
1	3	2.209	2.209	0.000	47485119	0.5205	334.6- 384.6	392.2	
1	4	2.330	2.330	0.000	20543974	0.5081	125.4- 195.4	169.7	
1	5	2.709	2.709	0.000	20447974	0.5048	136.2- 186.2	168.9	
			Average of Peak Amounts =			0.5048			
2	6	2.130	2.130	0.000	8529142	0.5396		100.0	
2	7	2.525	2.525	0.000	17117756	0.5445	169.0- 229.0	200.7	
2	8	2.975	2.975	0.000	35892404	0.5679	361.2- 421.2	420.8	
2	9	3.115	3.115	0.000	15325388	0.5551	144.4- 204.4	179.7	
2	10	3.217	3.217	0.000	12107943	0.5543	108.9- 168.9	142.0	
			Average of Peak Amounts =			0.5523			
						RPD = 8.97			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.907	3.907	0.000	30043991	0.5063		100.0	
1	2	4.194	4.194	0.000	54676416	0.5091	156.3- 206.3	182.0	
1	3	4.474	4.474	0.000	56054530	0.5083	159.6- 209.6	186.6	
1	4	5.174	5.174	0.000	64639213	0.5188	183.4- 233.4	215.1	
1	5	5.459	5.459	0.000	33274076	0.5003	87.0- 137.0	110.8	
			Average of Peak Amounts =			0.5086			
2	6	4.928	4.928	0.000	24103859	0.5294		100.0	
2	7	5.157	5.157	0.000	28499351	0.5222	86.9- 146.9	118.2	
2	8	5.525	5.525	0.000	43577823	0.5404	145.2- 205.2	180.8	
2	9	6.210	6.210	0.000	53740441	0.5552	177.4- 237.4	223.0	
2	10	6.593	6.593	0.000	38197213	0.5320	125.7- 185.7	158.5	
			Average of Peak Amounts =			0.5358			
						RPD = 5.22			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	32193883	0.0248			
2	2	7.830	7.830	0.000	25262468	0.0255			
						RPD = 2.86			

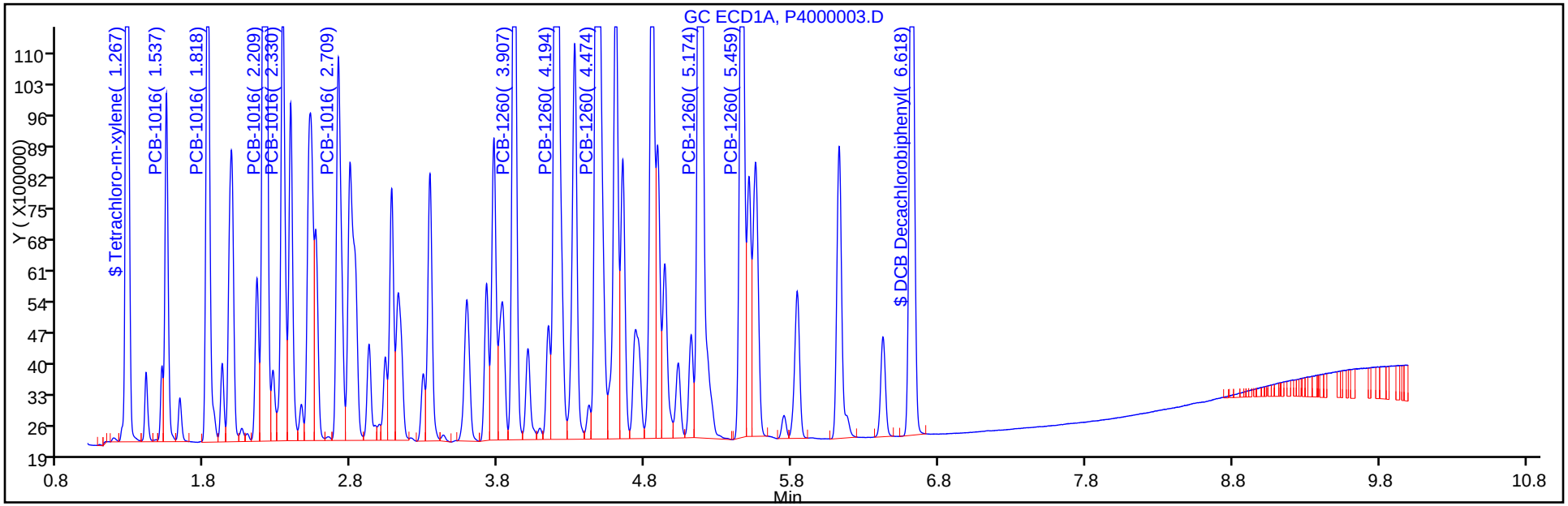
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TestAmerica Canton

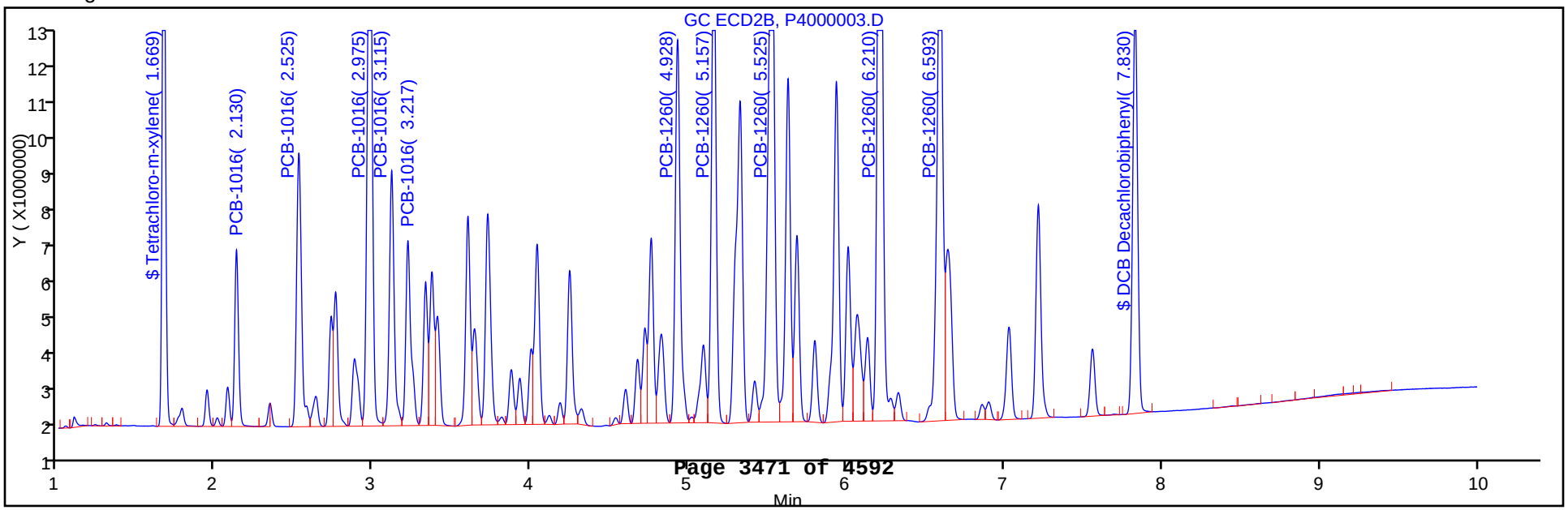
Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000003.D

Injection Date:	24-Dec-2012 09:39:40	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69978	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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69978/3 Calibration Date: 12/24/2012 09:39

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	17058284		0.540	0.500	7.9	20.0
PCB-1016 Peak 2	Ave	31440012	34235512		0.544	0.500	8.9	20.0
PCB-1016 Peak 3	Ave	63200288	71784808		0.568	0.500	13.6	20.0
PCB-1016 Peak 4	Ave	27607491	30650776		0.555	0.500	11.0	20.0
PCB-1016 Peak 5	Ave	21845224	24215886		0.554	0.500	10.9	20.0
PCB-1260 Peak 1	Ave	45527908	48207718		0.529	0.500	5.9	20.0
PCB-1260 Peak 2	Ave	54580002	56998702		0.522	0.500	4.4	20.0
PCB-1260 Peak 3	Ave	80645277	87155646		0.540	0.500	8.1	20.0
PCB-1260 Peak 4	Ave	96793644	107480882		0.555	0.500	11.0	20.0
PCB-1260 Peak 5	Ave	71805358	76394426		0.532	0.500	6.4	20.0
Tetrachloro-m-xylene	Ave	904095540	1033229360		0.0286	0.0250	14.3	20.0
DCB Decachlorobiphenyl	Ave	991196823	1010498720		0.0255	0.0250	1.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69978/3 Calibration Date: 12/24/2012 09:39

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	6.59	6.49	6.69
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\20121224-16145.b\P4000003.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 24-Dec-2012 09:39:40 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0016145-003
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 3
Lims Batch ID: 69978 Lims Sample ID: 3
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m
Last Update: 26-Dec-2012 08:41:05 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: XAWRK029

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.267	1.267	0.000	36350651	0.0261			
2	2	1.669	1.669	0.000	25830734	0.0286			
						RPD = 9.09			
6 PCB-1016									
1	100	1.537	1.537	0.000	12108726	0.4902		100.0	
1	2	1.818	1.818	0.000	22100166	0.5005	152.4- 202.4	182.5	
1	3	2.209	2.209	0.000	47485119	0.5205	334.6- 384.6	392.2	
1	4	2.330	2.330	0.000	20543974	0.5081	125.4- 195.4	169.7	
1	5	2.709	2.709	0.000	20447974	0.5048	136.2- 186.2	168.9	
			Average of Peak Amounts =			0.5048			
2	6	2.130	2.130	0.000	8529142	0.5396		100.0	
2	7	2.525	2.525	0.000	17117756	0.5445	169.0- 229.0	200.7	
2	8	2.975	2.975	0.000	35892404	0.5679	361.2- 421.2	420.8	
2	9	3.115	3.115	0.000	15325388	0.5551	144.4- 204.4	179.7	
2	10	3.217	3.217	0.000	12107943	0.5543	108.9- 168.9	142.0	
			Average of Peak Amounts =			0.5523			
						RPD = 8.97			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.907	3.907	0.000	30043991	0.5063		100.0	
1	2	4.194	4.194	0.000	54676416	0.5091	156.3- 206.3	182.0	
1	3	4.474	4.474	0.000	56054530	0.5083	159.6- 209.6	186.6	
1	4	5.174	5.174	0.000	64639213	0.5188	183.4- 233.4	215.1	
1	5	5.459	5.459	0.000	33274076	0.5003	87.0- 137.0	110.8	
			Average of Peak Amounts =			0.5086			
2	6	4.928	4.928	0.000	24103859	0.5294		100.0	
2	7	5.157	5.157	0.000	28499351	0.5222	86.9- 146.9	118.2	
2	8	5.525	5.525	0.000	43577823	0.5404	145.2- 205.2	180.8	
2	9	6.210	6.210	0.000	53740441	0.5552	177.4- 237.4	223.0	
2	10	6.593	6.593	0.000	38197213	0.5320	125.7- 185.7	158.5	
			Average of Peak Amounts =			0.5358			
						RPD = 5.22			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	32193883	0.0248			
2	2	7.830	7.830	0.000	25262468	0.0255			
						RPD = 2.86			

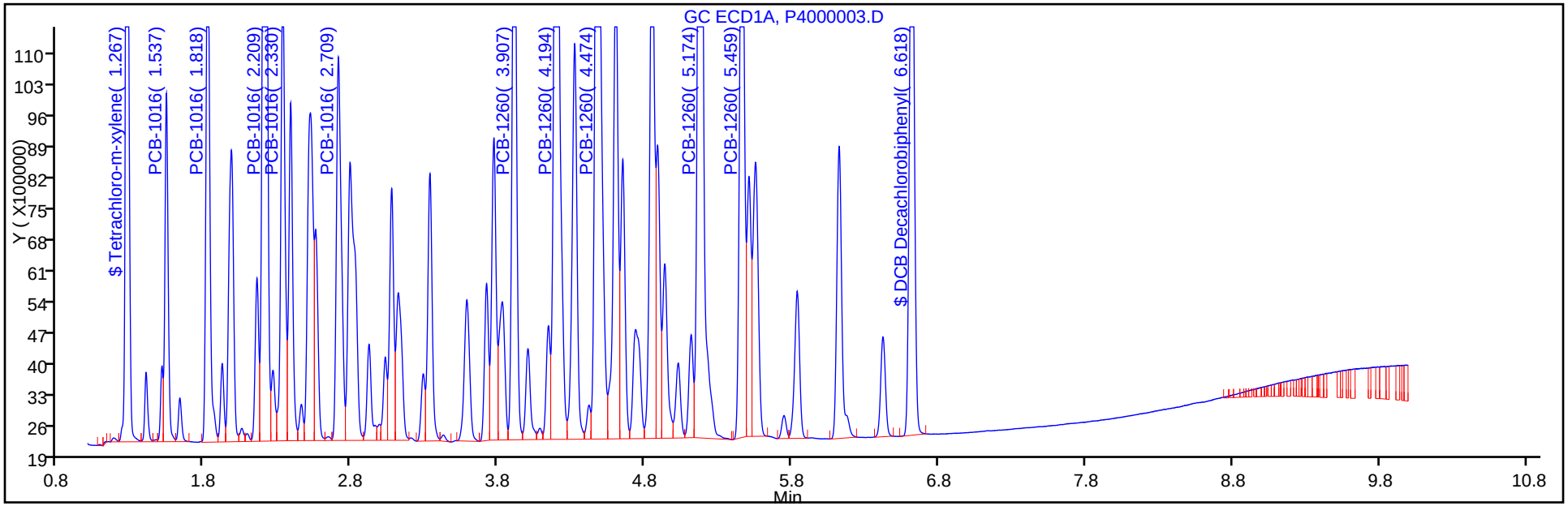
Report Date: 26-Dec-2012 08:41:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

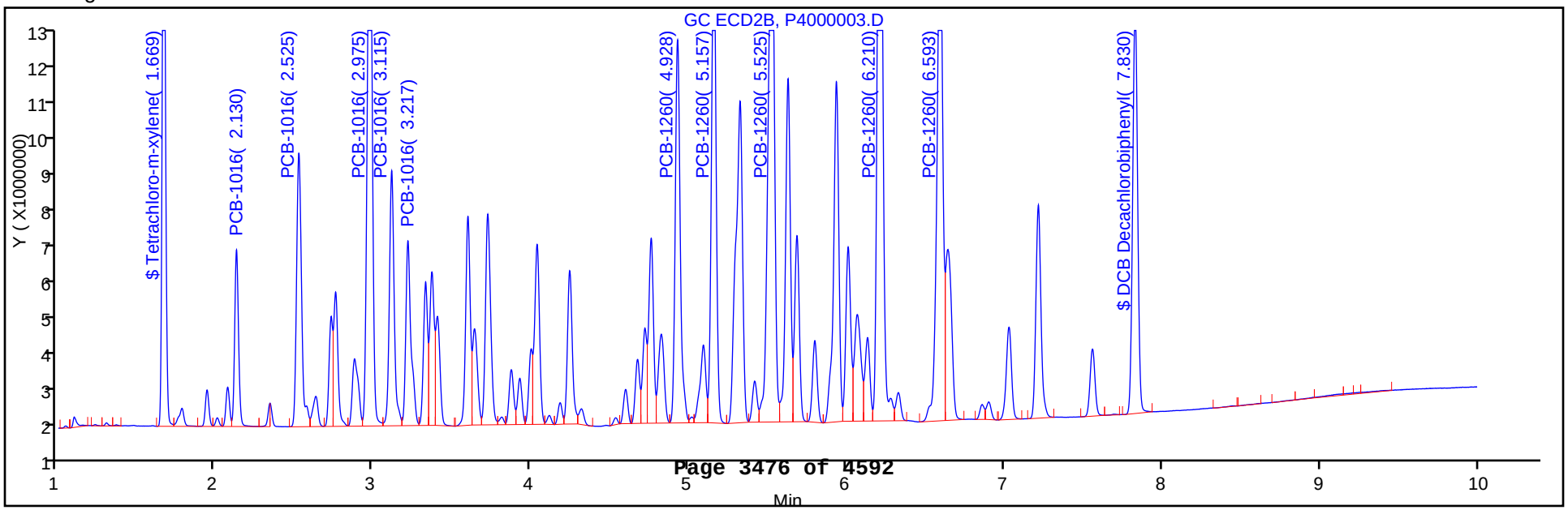
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Injection Date:	24-Dec-2012 09:39:40	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69978	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69978/21 Calibration Date: 12/24/2012 14:23

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: P4000021.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	25345162		0.513	0.500	2.6	20.0
PCB-1016 Peak 2	Ave	44151983	44976450		0.509	0.500	1.9	20.0
PCB-1016 Peak 3	Ave	91223581	96384946		0.528	0.500	5.7	20.0
PCB-1016 Peak 4	Ave	40436349	41589424		0.514	0.500	2.9	20.0
PCB-1016 Peak 5	Ave	40503627	41548036		0.513	0.500	2.6	20.0
PCB-1260 Peak 1	Ave	59343359	61216980		0.516	0.500	3.2	20.0
PCB-1260 Peak 2	Ave	107397135	111724414		0.520	0.500	4.0	20.0
PCB-1260 Peak 3	Ave	110273317	114870066		0.521	0.500	4.2	20.0
PCB-1260 Peak 4	Ave	124594955	132208612		0.531	0.500	6.1	20.0
PCB-1260 Peak 5	Ave	66509184	69099930		0.519	0.500	3.9	20.0
Tetrachloro-m-xylene	Ave	1393525317	1471777880		0.0264	0.0250	5.6	20.0
DCB Decachlorobiphenyl	Ave	1299788350	1328572440		0.0256	0.0250	2.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69978/21 Calibration Date: 12/24/2012 14:23

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: P4000021.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\20121224-16145.b\P4000021.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 24-Dec-2012 14:23:03 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016145-021
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 21
Lims Batch ID: 69978 Lims Sample ID: 21
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m
Last Update: 26-Dec-2012 08:41:26 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: XAWRK029

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	36794447	0.0264			
2	2	1.671	1.671	0.000	26025655	0.0288			
						RPD = 8.63			
6 PCB-1016									
1	100	1.540	1.540	0.000	12672581	0.5130		100.0	
1	2	1.822	1.822	0.000	22488225	0.5093	152.4- 202.4	177.5	
1	3	2.213	2.213	0.000	48192473	0.5283	334.6- 384.6	380.3	
1	4	2.333	2.333	0.000	20794712	0.5143	125.4- 195.4	164.1	
1	5	2.712	2.712	0.000	20774018	0.5129	136.2- 186.2	163.9	
			Average of Peak Amounts =			0.5156			
2	6	2.134	2.134	0.000	8598138	0.5439		100.0	
2	7	2.528	2.528	0.000	17330075	0.5512	169.0- 229.0	201.6	
2	8	2.979	2.979	0.000	36246360	0.5735	361.2- 421.2	421.6	
2	9	3.118	3.118	0.000	15468074	0.5603	144.4- 204.4	179.9	
2	10	3.221	3.221	0.000	12322626	0.5641	108.9- 168.9	143.3	
			Average of Peak Amounts =			0.5586			
						RPD = 8.02			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.910	3.910	0.000	30608490	0.5158		100.0	
1	2	4.196	4.196	0.000	55862207	0.5201	156.3- 206.3	182.5	
1	3	4.476	4.476	0.000	57435033	0.5208	159.6- 209.6	187.6	
1	4	5.177	5.177	0.000	66104306	0.5306	183.4- 233.4	216.0	
1	5	5.461	5.461	0.000	34549965	0.5195	87.0- 137.0	112.9	
			Average of Peak Amounts =			0.5214			
2	6	4.931	4.931	0.000	24864893	0.5461		100.0	
2	7	5.161	5.161	0.000	29425041	0.5391	86.9- 146.9	118.3	
2	8	5.529	5.529	0.000	44662821	0.5538	145.2- 205.2	179.6	
2	9	6.214	6.214	0.000	53873664	0.5566	177.4- 237.4	216.7	
2	10	6.596	6.596	0.000	38619864	0.5378	125.7- 185.7	155.3	
			Average of Peak Amounts =			0.5467			
						RPD = 4.75			
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	33214311	0.0256			
2	2	7.833	7.833	0.000	26262864	0.0265			
						RPD = 3.62			

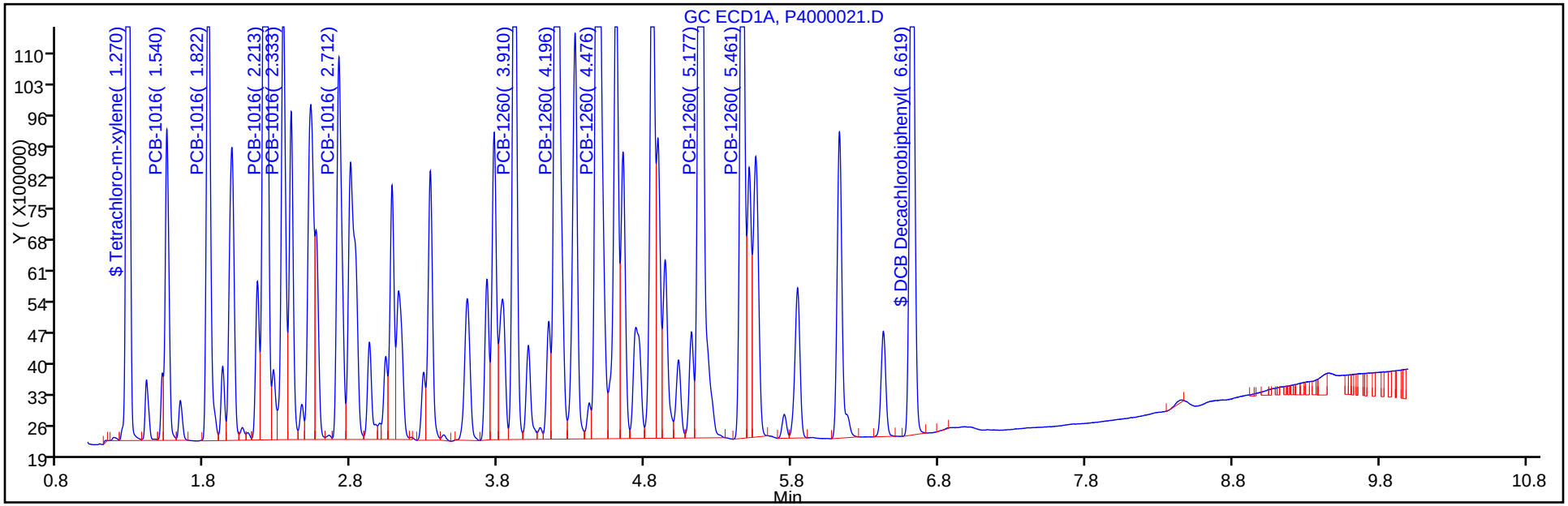
Report Date: 26-Dec-2012 08:41:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

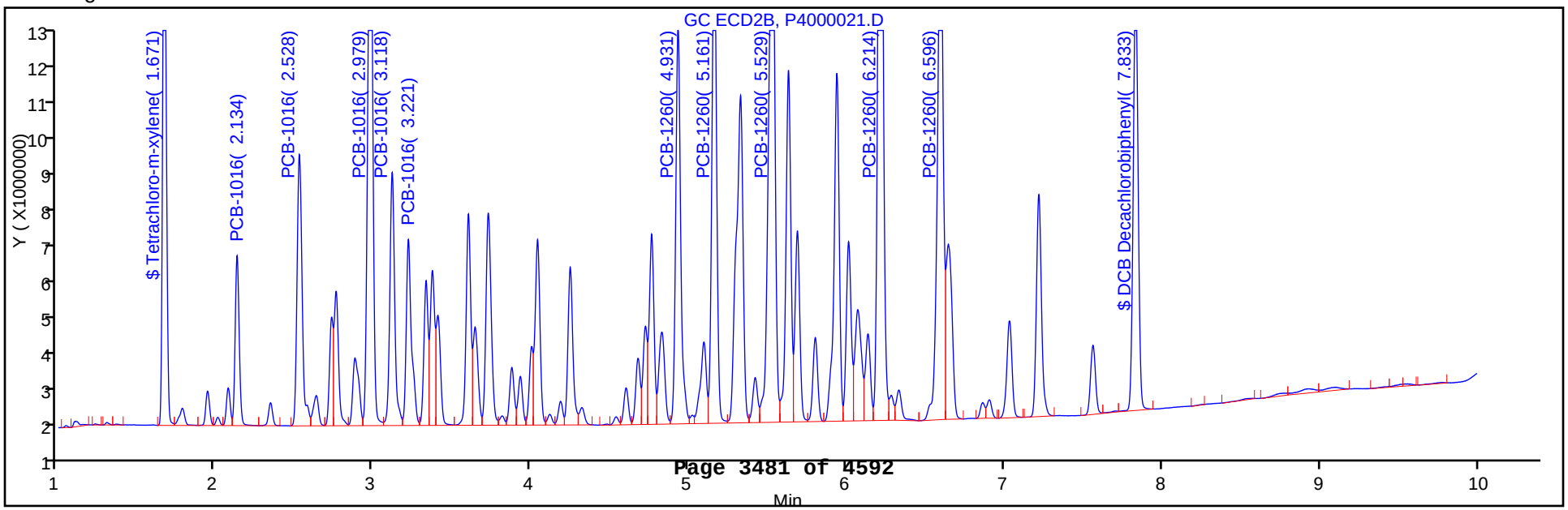
Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000021.D

Injection Date:	24-Dec-2012 14:23:03	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69978	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



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69978/21 Calibration Date: 12/24/2012 14:23

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: P4000021.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	17196276		0.544	0.500	8.8	20.0
PCB-1016 Peak 2	Ave	31440012	34660150		0.551	0.500	10.2	20.0
PCB-1016 Peak 3	Ave	63200288	72492720		0.574	0.500	14.7	20.0
PCB-1016 Peak 4	Ave	27607491	30936148		0.560	0.500	12.1	20.0
PCB-1016 Peak 5	Ave	21845224	24645252		0.564	0.500	12.8	20.0
PCB-1260 Peak 1	Ave	45527908	49729786		0.546	0.500	9.2	20.0
PCB-1260 Peak 2	Ave	54580002	58850082		0.539	0.500	7.8	20.0
PCB-1260 Peak 3	Ave	80645277	89325642		0.554	0.500	10.8	20.0
PCB-1260 Peak 4	Ave	96793644	107747328		0.557	0.500	11.3	20.0
PCB-1260 Peak 5	Ave	71805358	77239728		0.538	0.500	7.6	20.0
Tetrachloro-m-xylene	Ave	904095540	1041026200		0.0288	0.0250	15.1	20.0
DCB Decachlorobiphenyl	Ave	991196823	1050514560		0.0265	0.0250	6.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: CCV 240-69978/21 Calibration Date: 12/24/2012 14:23

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: P4000021.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\20121224-16145.b\P4000021.D
Lims ID: CCV AR1660 Client ID:
Inject. Date: 24-Dec-2012 14:23:03 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016145-021
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 21
Lims Batch ID: 69978 Lims Sample ID: 21
Sublist: chrom-PCB4*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m
Last Update: 26-Dec-2012 08:41:26 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: XAWRK029

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	36794447	0.0264			
2	2	1.671	1.671	0.000	26025655	0.0288			
						RPD = 8.63			
6 PCB-1016									
1	100	1.540	1.540	0.000	12672581	0.5130		100.0	
1	2	1.822	1.822	0.000	22488225	0.5093	152.4- 202.4	177.5	
1	3	2.213	2.213	0.000	48192473	0.5283	334.6- 384.6	380.3	
1	4	2.333	2.333	0.000	20794712	0.5143	125.4- 195.4	164.1	
1	5	2.712	2.712	0.000	20774018	0.5129	136.2- 186.2	163.9	
			Average of Peak Amounts =			0.5156			
2	6	2.134	2.134	0.000	8598138	0.5439		100.0	
2	7	2.528	2.528	0.000	17330075	0.5512	169.0- 229.0	201.6	
2	8	2.979	2.979	0.000	36246360	0.5735	361.2- 421.2	421.6	
2	9	3.118	3.118	0.000	15468074	0.5603	144.4- 204.4	179.9	
2	10	3.221	3.221	0.000	12322626	0.5641	108.9- 168.9	143.3	
			Average of Peak Amounts =			0.5586			
						RPD = 8.02			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.910	3.910	0.000	30608490	0.5158		100.0	
1	2	4.196	4.196	0.000	55862207	0.5201	156.3- 206.3	182.5	
1	3	4.476	4.476	0.000	57435033	0.5208	159.6- 209.6	187.6	
1	4	5.177	5.177	0.000	66104306	0.5306	183.4- 233.4	216.0	
1	5	5.461	5.461	0.000	34549965	0.5195	87.0- 137.0	112.9	
			Average of Peak Amounts =			0.5214			
2	6	4.931	4.931	0.000	24864893	0.5461		100.0	
2	7	5.161	5.161	0.000	29425041	0.5391	86.9- 146.9	118.3	
2	8	5.529	5.529	0.000	44662821	0.5538	145.2- 205.2	179.6	
2	9	6.214	6.214	0.000	53873664	0.5566	177.4- 237.4	216.7	
2	10	6.596	6.596	0.000	38619864	0.5378	125.7- 185.7	155.3	
			Average of Peak Amounts =			0.5467			
						RPD = 4.75			
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	33214311	0.0256			
2	2	7.833	7.833	0.000	26262864	0.0265			
						RPD = 3.62			

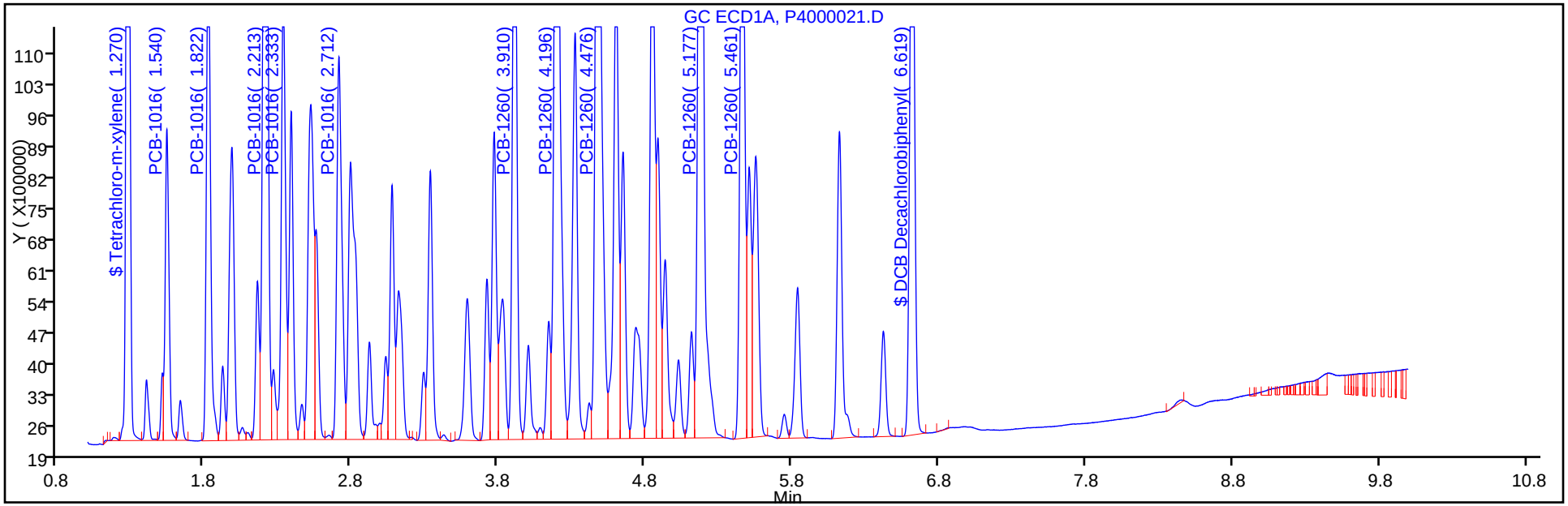
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TestAmerica Canton

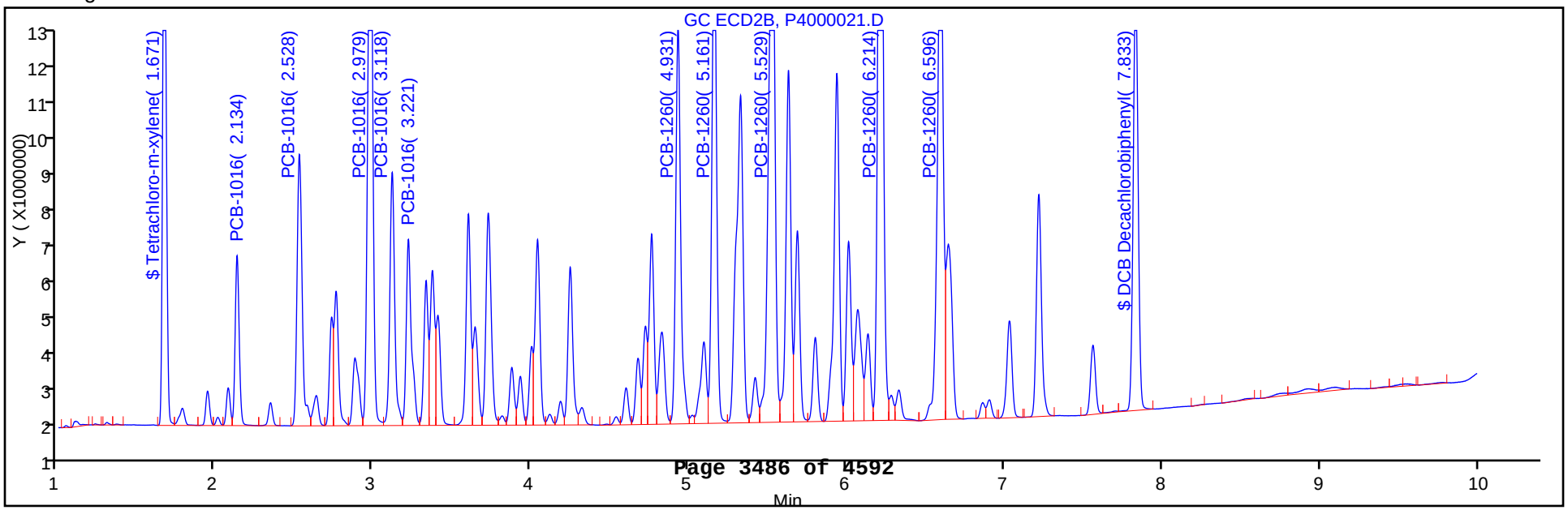
Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000021.D

Injection Date:	24-Dec-2012 14:23:03	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69978	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-68553/4-A

Matrix: Water Lab File ID: P1300008.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3520C Date Extracted: 12/13/2012 11:37

Sample wt/vol: 1000(mL) Date Analyzed: 12/18/2012 09:41

Con. Extract Vol.: 5(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.: 69119 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	78		40-140
2051-24-3	DCB Decachlorobiphenyl	73		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300008.D		
Lims ID:	MB 240-68553/4-A	Client ID:	
Inject. Date:	18-Dec-2012 09:41:18	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0015947-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	8
Lims Batch ID:	69119	Lims Sample ID:	8
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m		
Last Update:	21-Dec-2012 09:49:15	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:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 09:15:55

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	71525643	0.0313			
2	2	1.639	1.640	-0.001	51023319	0.0355			
						RPD = 12.49			
3 PCB-1221									1
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.580						
1	2		1.888						
1	3		2.315						
1	4		2.445						
1	5		2.858						
2	6		2.134						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.837						
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
7 PCB-1248									
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
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		4.149						
1	2		4.458						
1	3		4.758						
1	4		5.508						
1	5		5.810						
2	6		5.123						
2	7		5.370						
2	8		5.757						
2	9		6.491						
2	10		6.893						
9 PCB-1262									1
1	100		4.460						
1	2		4.892						
1	3		5.156						
1	4		5.509						
1	5		5.909						
2	6		5.370						
2	7		5.870						
2	8		6.194						
2	9		6.491						
2	10		6.891						
11 PCB-1268									1
1	100		5.867						
1	2		5.904						
1	3		6.118						
1	4		6.519						
1	5		6.839						
2	6		6.891						
2	7		6.941						
2	8		7.220						
2	9		7.558						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.046	7.045	0.001	68204421	0.0292			
2	2	8.204	8.205	-0.001	40993819	0.0304			
						RPD = 4.10			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

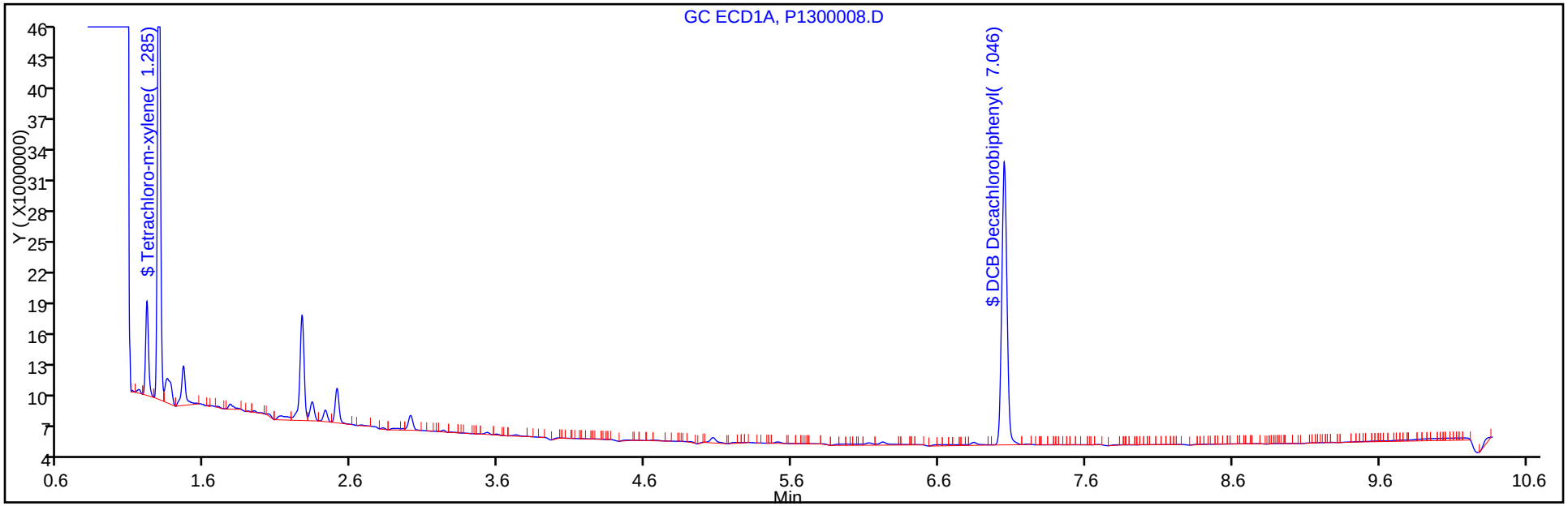
Report Date: 21-Dec-2012 09:49:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

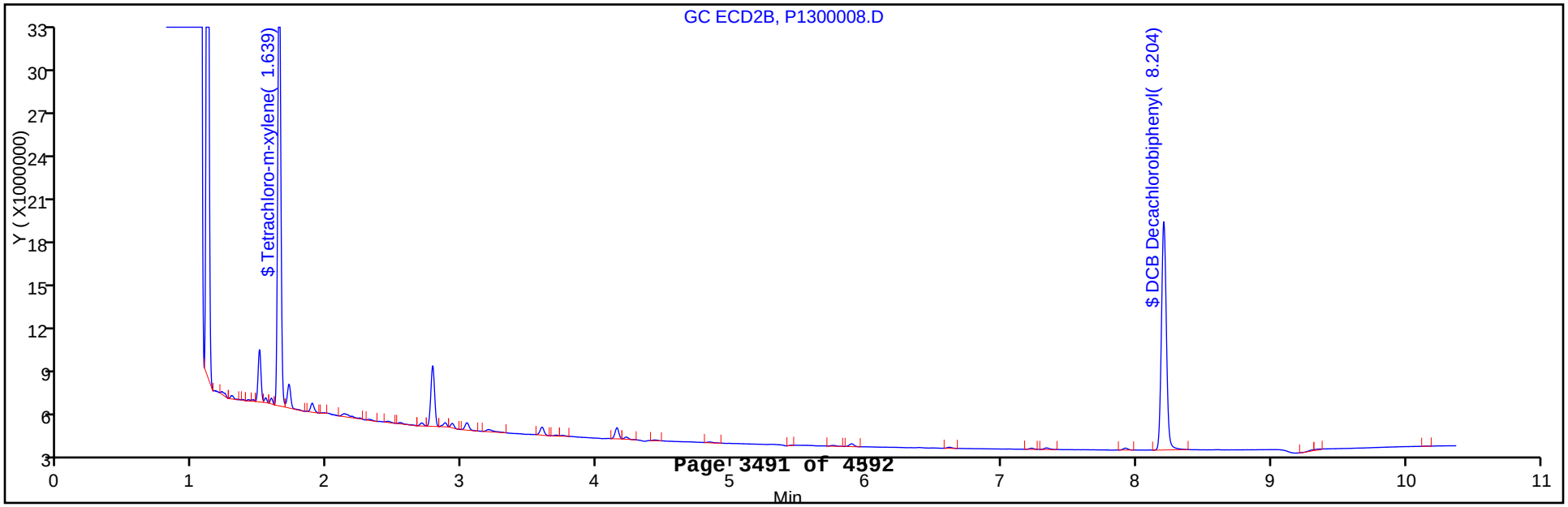
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300008.D

Injection Date:	18-Dec-2012 09:41:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	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 I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68553/4-A

Matrix: Water | Lab File ID: P1300008.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 12/13/2012 11:37

Sample wt/vol: 1000(mL) | Date Analyzed: 12/18/2012 09:41

Con. Extract Vol.: 5(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.: 69119 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.20	U	0.50	0.20	0.13
12674-11-2	Aroclor-1016	0.20	U	0.50	0.20	0.17
11141-16-5	Aroclor-1232	0.20	U	0.50	0.20	0.16
53469-21-9	Aroclor-1242	0.40	U	0.50	0.40	0.22
12672-29-6	Aroclor-1248	0.20	U	0.50	0.20	0.10
11097-69-1	Aroclor-1254	0.20	U	0.50	0.20	0.16
11096-82-5	Aroclor-1260	0.20	U	0.50	0.20	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	89		40-140
2051-24-3	DCB Decachlorobiphenyl	76		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300008.D		
Lims ID:	MB 240-68553/4-A	Client ID:	
Inject. Date:	18-Dec-2012 09:41:18	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0015947-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	8
Lims Batch ID:	69119	Lims Sample ID:	8
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m		
Last Update:	21-Dec-2012 09:49:15	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:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 09:15:55

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	71525643	0.0313			
2	2	1.639	1.640	-0.001	51023319	0.0355			
						RPD = 12.49			
3 PCB-1221									1
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.580						
1	2		1.888						
1	3		2.315						
1	4		2.445						
1	5		2.858						
2	6		2.134						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.837						
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
7 PCB-1248									
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
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		4.149						
1	2		4.458						
1	3		4.758						
1	4		5.508						
1	5		5.810						
2	6		5.123						
2	7		5.370						
2	8		5.757						
2	9		6.491						
2	10		6.893						
9 PCB-1262									1
1	100		4.460						
1	2		4.892						
1	3		5.156						
1	4		5.509						
1	5		5.909						
2	6		5.370						
2	7		5.870						
2	8		6.194						
2	9		6.491						
2	10		6.891						
11 PCB-1268									1
1	100		5.867						
1	2		5.904						
1	3		6.118						
1	4		6.519						
1	5		6.839						
2	6		6.891						
2	7		6.941						
2	8		7.220						
2	9		7.558						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.046	7.045	0.001	68204421	0.0292			
2	2	8.204	8.205	-0.001	40993819	0.0304			
						RPD = 4.10			

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

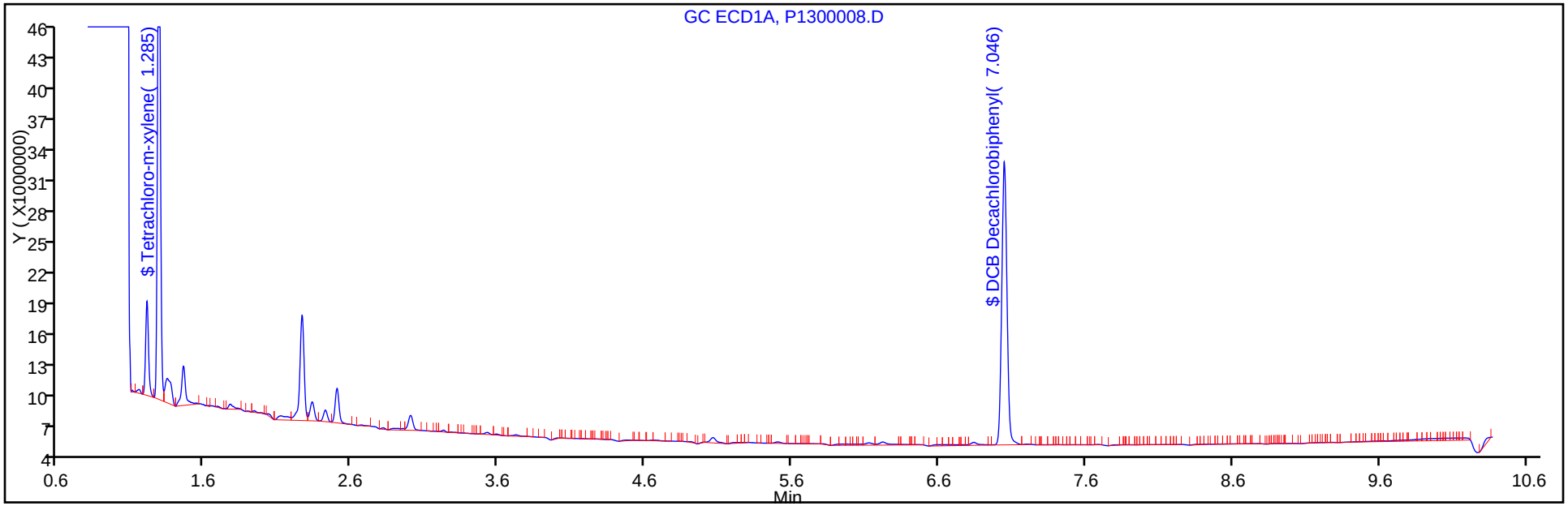
Report Date: 21-Dec-2012 09:49:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

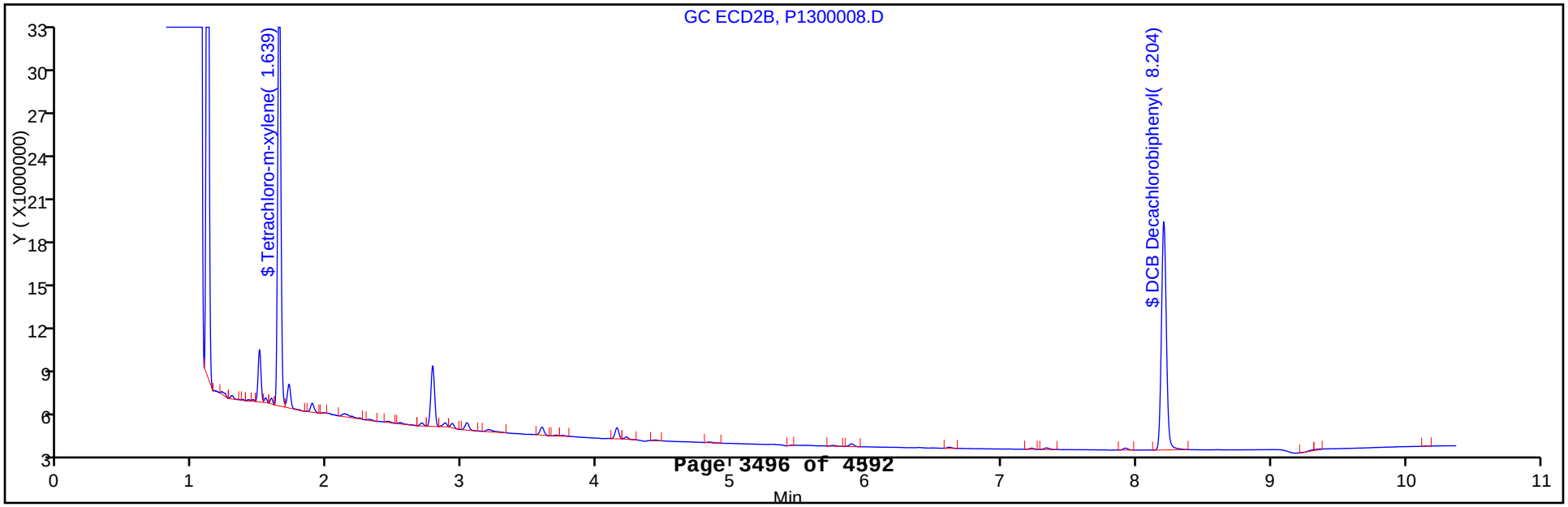
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300008.D

Injection Date:	18-Dec-2012 09:41:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	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 I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69585/23-A

Matrix: Solid Lab File ID: P4000020.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 12/20/2012 10:35

Sample wt/vol: 30.00(g) Date Analyzed: 12/22/2012 06:30

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.: 69879 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		40-140
2051-24-3	DCB Decachlorobiphenyl	79		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121222-16115.b\P4000020.D		
Lims ID:	MB 240-69585/23-A	Client ID:	
Inject. Date:	22-Dec-2012 06:30:50	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0016115-020		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	20
Lims Batch ID:	69879	Lims Sample ID:	20
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121222-16115.b\PCB4.m		
Last Update:	24-Dec-2012 08:11:25	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:	XAWRK016		

First Level Reviewer: roachc Date: 24-Dec-2012 07:46:10

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	1.270	1.268	0.002	22112948	0.0159			
2	2	1.672	1.669	0.003	16430017	0.0182			
						RPD = 13.54			
3 PCB-1221									1
1	2		1.399						
1	3		1.507						
1	4		1.537						
2	4		1.944						
2	5		2.076						
2	6		2.132						
6 PCB-1016									
1	100		1.536						
1	2		1.819						
1	3		2.209						
1	4		2.329						
1	5		2.709						
2	6		2.131						
2	7		2.527						
2	8		2.977						
2	9		3.115						
2	10		3.219						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.537						
1	2		1.820						
1	3		2.211						
1	4		2.331						
1	5		2.711						
2	6		2.132						
2	7		2.527						
2	8		2.978						
2	9		3.116						
2	10		3.600						
4 PCB-1232									
1	100		1.538						
1	2		1.820						
1	3		2.210						
1	4		2.331						
1	5		2.709						
2	6		2.133						
2	7		2.528						
2	8		2.978						
2	9		3.116						
2	10		3.725						
7 PCB-1248									
1	86		1.817						
1	2		2.207						
1	3		2.708						
1	4		3.287						
1	5		3.718						
2	6		2.525						
2	7		2.976						
2	8		3.726						
2	9		3.999						
2	10		4.722						
8 PCB-1254									
1	100		3.072						
1	2		3.718						
1	3		4.001						
1	4		4.193						
1	5		4.476						
2	6		4.245						
2	7		4.721						
2	8		4.966						
2	9		5.326						
2	10		5.530						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.908						
1	2		4.194						
1	3		4.474						
1	4		5.176						
1	5		5.459						
2	6		4.929						
2	7		5.159						
2	8		5.528						
2	9		6.213						
2	10		6.594						
9 PCB-1262									
1	100		4.196						
1	2		4.600						
1	3		4.847						
1	4		5.176						
1	5		5.552						
2	6		5.160						
2	7		5.631						
2	8		5.937						
2	9		6.213						
2	10		6.592						
11 PCB-1268									
1	100		5.509						
1	2		5.547						
1	3		5.746						
1	4		6.123						
1	5		6.422						
2	6		6.592						
2	7		6.639						
2	8		6.905						
2	9		7.219						
2	10		7.562						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	20632187	0.0159			
2	2	7.833	7.832	0.001	16718180	0.0169			
						RPD = 6.07			

QC Flag Legend

Processing Flags
1 - Missing Peaks

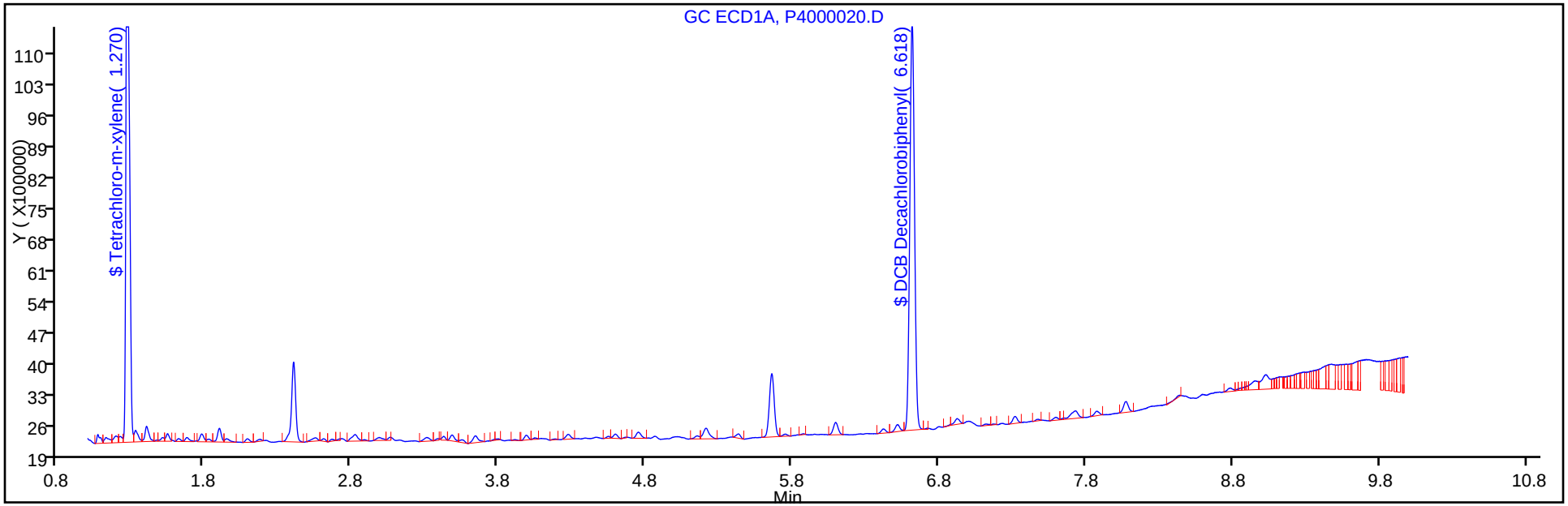
Report Date: 24-Dec-2012 08:11:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

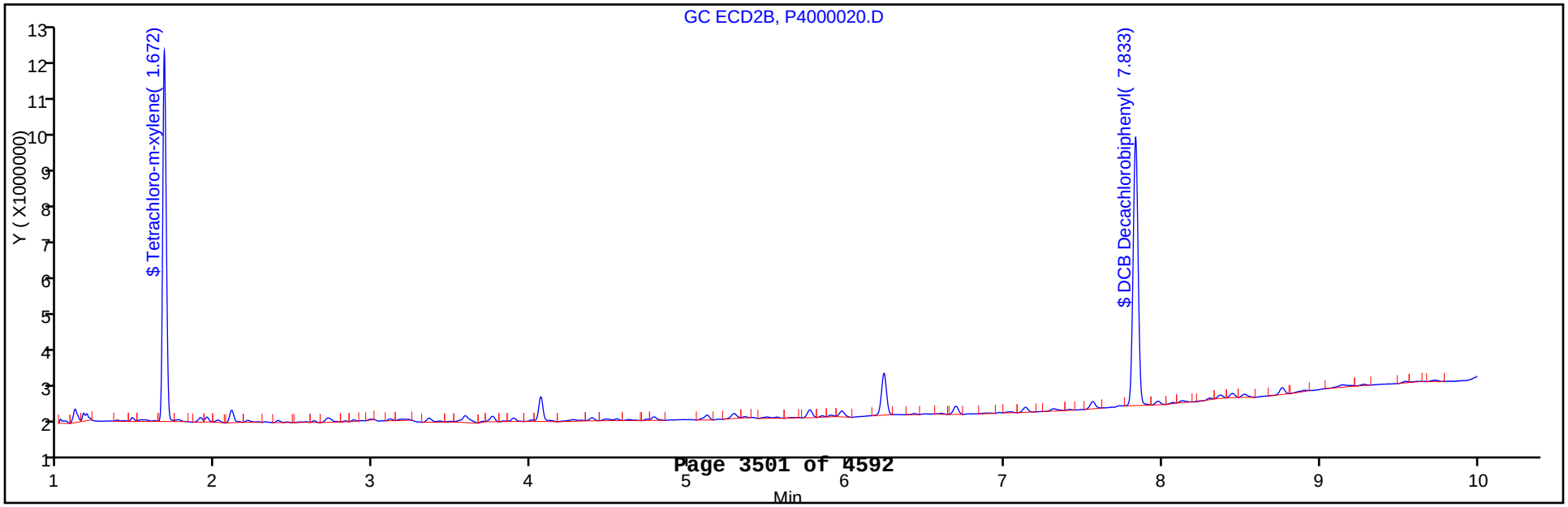
Data File: \\Ncchrom\ChromData\A2HP4\20121222-16115.b\P4000020.D

Injection Date:	22-Dec-2012 06:30:50	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69879	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 I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69585/23-A

Matrix: Solid | Lab File ID: P4000020.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/20/2012 10:35

Sample wt/vol: 30.00(g) | Date Analyzed: 12/22/2012 06:30

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.: 69879 | 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	91		40-140
2051-24-3	DCB Decachlorobiphenyl	84		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121222-16115.b\P4000020.D		
Lims ID:	MB 240-69585/23-A	Client ID:	
Inject. Date:	22-Dec-2012 06:30:50	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0016115-020		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	20
Lims Batch ID:	69879	Lims Sample ID:	20
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121222-16115.b\PCB4.m		
Last Update:	24-Dec-2012 08:11:25	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:	XAWRK016		
First Level Reviewer: roachc		Date:	24-Dec-2012 07:46:10

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	1.270	1.268	0.002	22112948	0.0159			
2	2	1.672	1.669	0.003	16430017	0.0182			
						RPD = 13.54			
3 PCB-1221									1
1	2		1.399						
1	3		1.507						
1	4		1.537						
2	4		1.944						
2	5		2.076						
2	6		2.132						
6 PCB-1016									
1	100		1.536						
1	2		1.819						
1	3		2.209						
1	4		2.329						
1	5		2.709						
2	6		2.131						
2	7		2.527						
2	8		2.977						
2	9		3.115						
2	10		3.219						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.537						
1	2		1.820						
1	3		2.211						
1	4		2.331						
1	5		2.711						
2	6		2.132						
2	7		2.527						
2	8		2.978						
2	9		3.116						
2	10		3.600						
4 PCB-1232									
1	100		1.538						
1	2		1.820						
1	3		2.210						
1	4		2.331						
1	5		2.709						
2	6		2.133						
2	7		2.528						
2	8		2.978						
2	9		3.116						
2	10		3.725						
7 PCB-1248									
1	86		1.817						
1	2		2.207						
1	3		2.708						
1	4		3.287						
1	5		3.718						
2	6		2.525						
2	7		2.976						
2	8		3.726						
2	9		3.999						
2	10		4.722						
8 PCB-1254									
1	100		3.072						
1	2		3.718						
1	3		4.001						
1	4		4.193						
1	5		4.476						
2	6		4.245						
2	7		4.721						
2	8		4.966						
2	9		5.326						
2	10		5.530						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.908						
1	2		4.194						
1	3		4.474						
1	4		5.176						
1	5		5.459						
2	6		4.929						
2	7		5.159						
2	8		5.528						
2	9		6.213						
2	10		6.594						
9 PCB-1262									
1	100		4.196						
1	2		4.600						
1	3		4.847						
1	4		5.176						
1	5		5.552						
2	6		5.160						
2	7		5.631						
2	8		5.937						
2	9		6.213						
2	10		6.592						
11 PCB-1268									
1	100		5.509						
1	2		5.547						
1	3		5.746						
1	4		6.123						
1	5		6.422						
2	6		6.592						
2	7		6.639						
2	8		6.905						
2	9		7.219						
2	10		7.562						
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	20632187	0.0159			
2	2	7.833	7.832	0.001	16718180	0.0169			
						RPD = 6.07			

QC Flag Legend

Processing Flags
1 - Missing Peaks

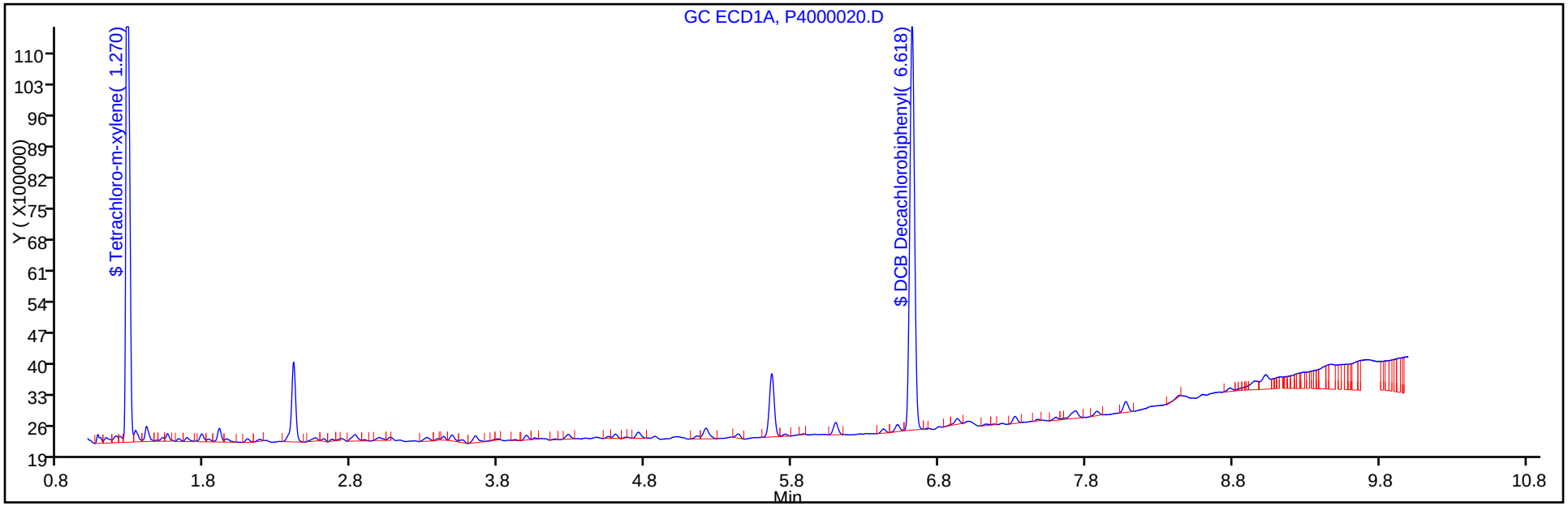
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TestAmerica Canton

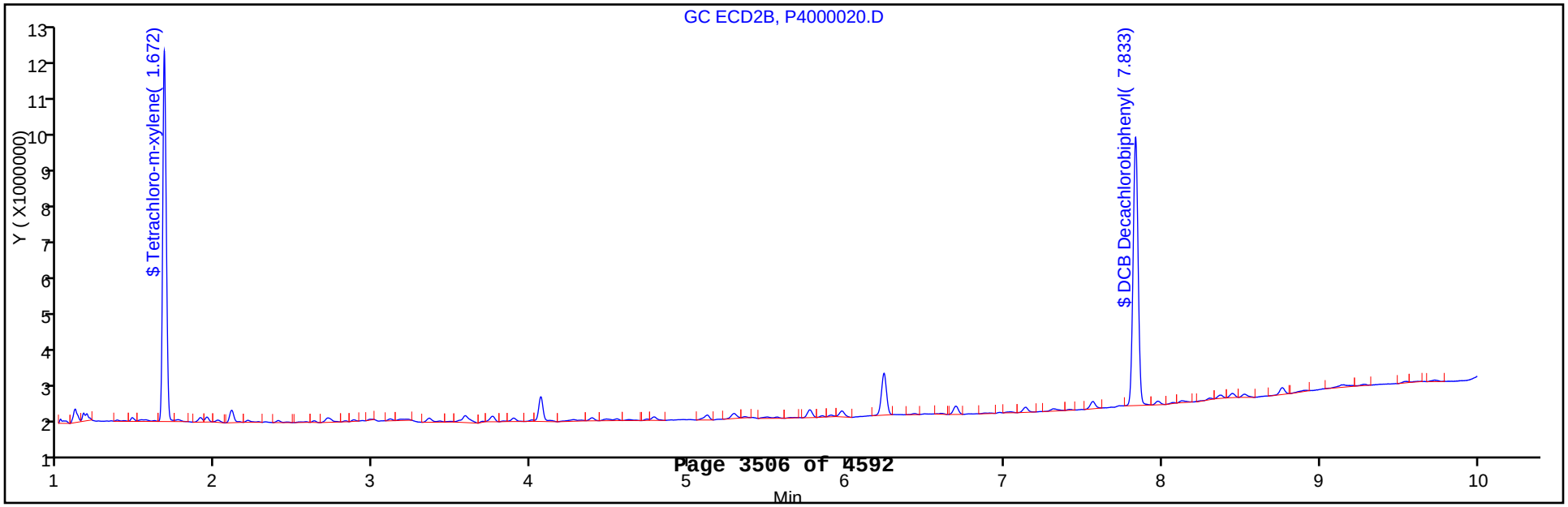
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Injection Date:	22-Dec-2012 06:30:50	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69879	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68553/5-A

Matrix: Water Lab File ID: P1300009.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: 3520C Date Extracted: 12/13/2012 11:37

Sample wt/vol: 1000(mL) Date Analyzed: 12/18/2012 09:56

Con. Extract Vol.: 5(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.: 69119 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		40-140
2051-24-3	DCB Decachlorobiphenyl	67		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300009.D
Lims ID: LCS 240-68553/5-A Client ID:
Inject. Date: 18-Dec-2012 09:56:15 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015947-009
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 9
Lims Batch ID: 69119 Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:15 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: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.287	1.285	0.002	72186787	0.0316			
2	2	1.640	1.640	0.000	51831021	0.0361			
						RPD = 13.14			
6 PCB-1016									
1	100	1.582	1.580	0.002	29960376	0.7369		100.0	
1	2	1.889	1.888	0.001	57314987	0.7974	149.3- 199.3	191.3	
1	3	2.315	2.315	0.000	132280319	0.8522	350.2- 400.2	441.5	
1	4	2.446	2.445	0.001	55842442	0.8661	130.7- 180.7	186.4	
1	5	2.858	2.858	0.000	53079621	0.7823	137.9- 187.9	177.2	
			Average of Peak Amounts =			0.8070			
2	6	2.134	2.134	0.000	20103992	0.8946		100.0	
2	7	2.557	2.556	0.001	42970391	0.9160	176.5- 236.5	213.7	
2	8	3.038	3.037	0.001	91739059	1.01	362.5- 422.5	456.3	
2	9	3.186	3.185	0.001	36201222	0.9350	137.9- 197.9	180.1	
2	10	3.837	3.837	0.000	29036913	0.8051	118.8- 178.8	144.4	
			Average of Peak Amounts =			0.9121			
						RPD = 12.22			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.149	0.001	80113611	0.7904		100.0	
1	2	4.459	4.458	0.001	153129516	0.7632	175.1- 225.1	191.1	
1	3	4.758	4.758	0.000	148325581	0.7415	173.2- 223.2	185.1	
1	4	5.509	5.508	0.001	197665844	0.7272	244.1- 294.1	246.7	
1	5	5.811	5.810	0.001	87690338	0.6790	101.5- 151.5	109.5	
			Average of Peak Amounts =			0.7403			
2	6	5.123	5.123	0.000	54601699	0.8192		100.0	
2	7	5.371	5.370	0.001	62959451	0.8534	86.6- 146.6	115.3	
2	8	5.758	5.757	0.001	94061860	0.8051	142.9- 202.9	172.3	
2	9	6.490	6.491	-0.001	116443560	0.8184	179.5- 239.5	213.3	
2	10	6.894	6.893	0.001	79328721	0.7618	121.8- 181.8	145.3	
			Average of Peak Amounts =			0.8116			
						RPD = 9.19			
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.045	0.003	62651233	0.0268			
2	2	8.205	8.205	0.000	37460458	0.0278			
						RPD = 3.57			

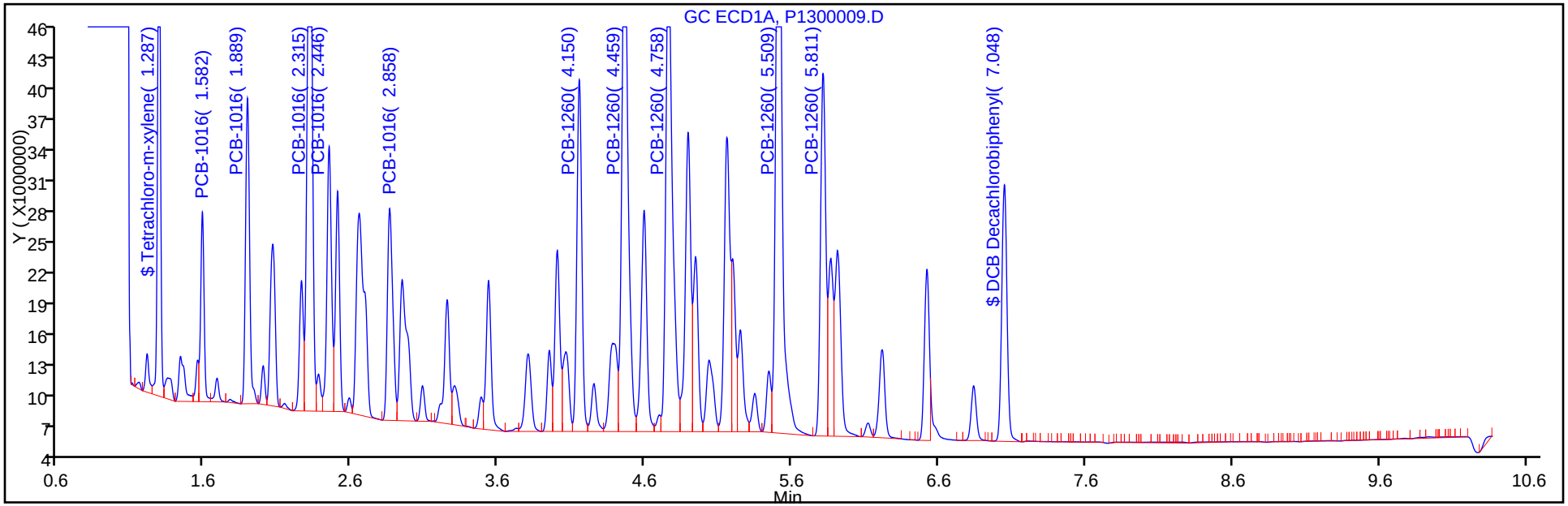
Report Date: 21-Dec-2012 09:49:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

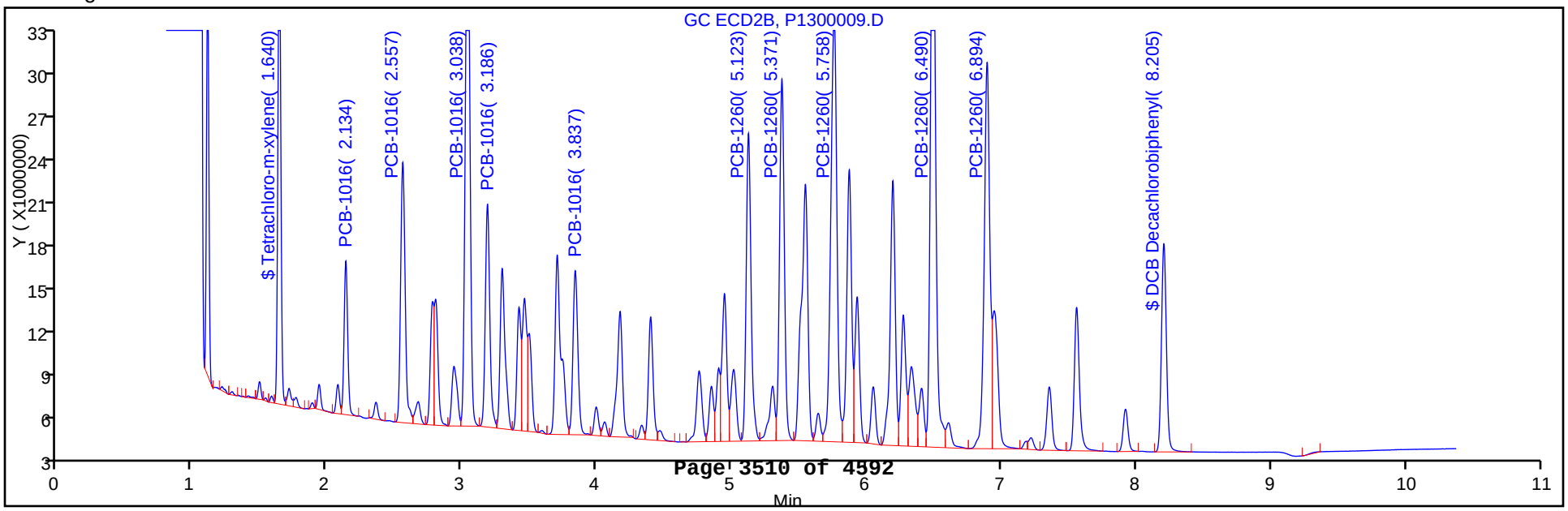
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300009.D

Injection Date:	18-Dec-2012 09:56:15	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68553/5-A

Matrix: Water | Lab File ID: P1300009.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 12/13/2012 11:37

Sample wt/vol: 1000(mL) | Date Analyzed: 12/18/2012 09:56

Con. Extract Vol.: 5(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.: 69119 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	4.56		0.50	0.20	0.17
11096-82-5	Aroclor-1260	4.06		0.50	0.20	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	90		40-140
2051-24-3	DCB Decachlorobiphenyl	70		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300009.D
Lims ID: LCS 240-68553/5-A Client ID:
Inject. Date: 18-Dec-2012 09:56:15 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015947-009
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 9
Lims Batch ID: 69119 Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:15 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: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.287	1.285	0.002	72186787	0.0316			
2	2	1.640	1.640	0.000	51831021	0.0361			
						RPD = 13.14			
6 PCB-1016									
1	100	1.582	1.580	0.002	29960376	0.7369		100.0	
1	2	1.889	1.888	0.001	57314987	0.7974	149.3- 199.3	191.3	
1	3	2.315	2.315	0.000	132280319	0.8522	350.2- 400.2	441.5	
1	4	2.446	2.445	0.001	55842442	0.8661	130.7- 180.7	186.4	
1	5	2.858	2.858	0.000	53079621	0.7823	137.9- 187.9	177.2	
			Average of Peak Amounts =			0.8070			
2	6	2.134	2.134	0.000	20103992	0.8946		100.0	
2	7	2.557	2.556	0.001	42970391	0.9160	176.5- 236.5	213.7	
2	8	3.038	3.037	0.001	91739059	1.01	362.5- 422.5	456.3	
2	9	3.186	3.185	0.001	36201222	0.9350	137.9- 197.9	180.1	
2	10	3.837	3.837	0.000	29036913	0.8051	118.8- 178.8	144.4	
			Average of Peak Amounts =			0.9121			
						RPD = 12.22			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.149	0.001	80113611	0.7904		100.0	
1	2	4.459	4.458	0.001	153129516	0.7632	175.1- 225.1	191.1	
1	3	4.758	4.758	0.000	148325581	0.7415	173.2- 223.2	185.1	
1	4	5.509	5.508	0.001	197665844	0.7272	244.1- 294.1	246.7	
1	5	5.811	5.810	0.001	87690338	0.6790	101.5- 151.5	109.5	
			Average of Peak Amounts =			0.7403			
2	6	5.123	5.123	0.000	54601699	0.8192		100.0	
2	7	5.371	5.370	0.001	62959451	0.8534	86.6- 146.6	115.3	
2	8	5.758	5.757	0.001	94061860	0.8051	142.9- 202.9	172.3	
2	9	6.490	6.491	-0.001	116443560	0.8184	179.5- 239.5	213.3	
2	10	6.894	6.893	0.001	79328721	0.7618	121.8- 181.8	145.3	
			Average of Peak Amounts =			0.8116			
						RPD = 9.19			
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.045	0.003	62651233	0.0268			
2	2	8.205	8.205	0.000	37460458	0.0278			
						RPD = 3.57			

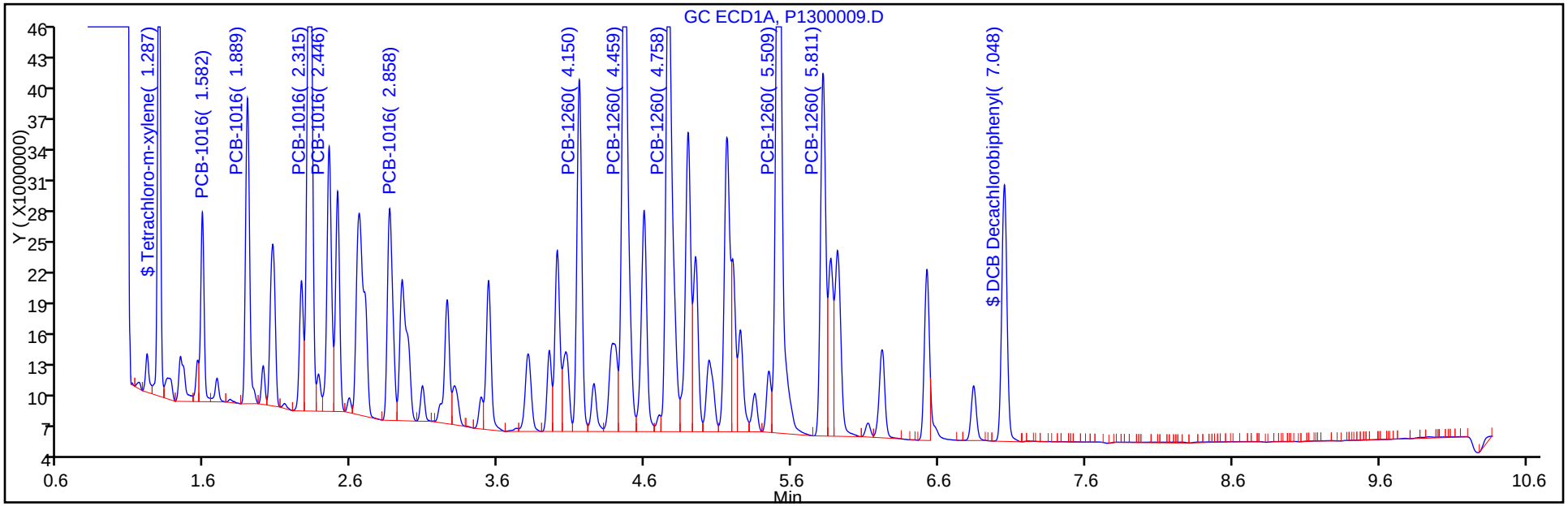
Report Date: 21-Dec-2012 09:49:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

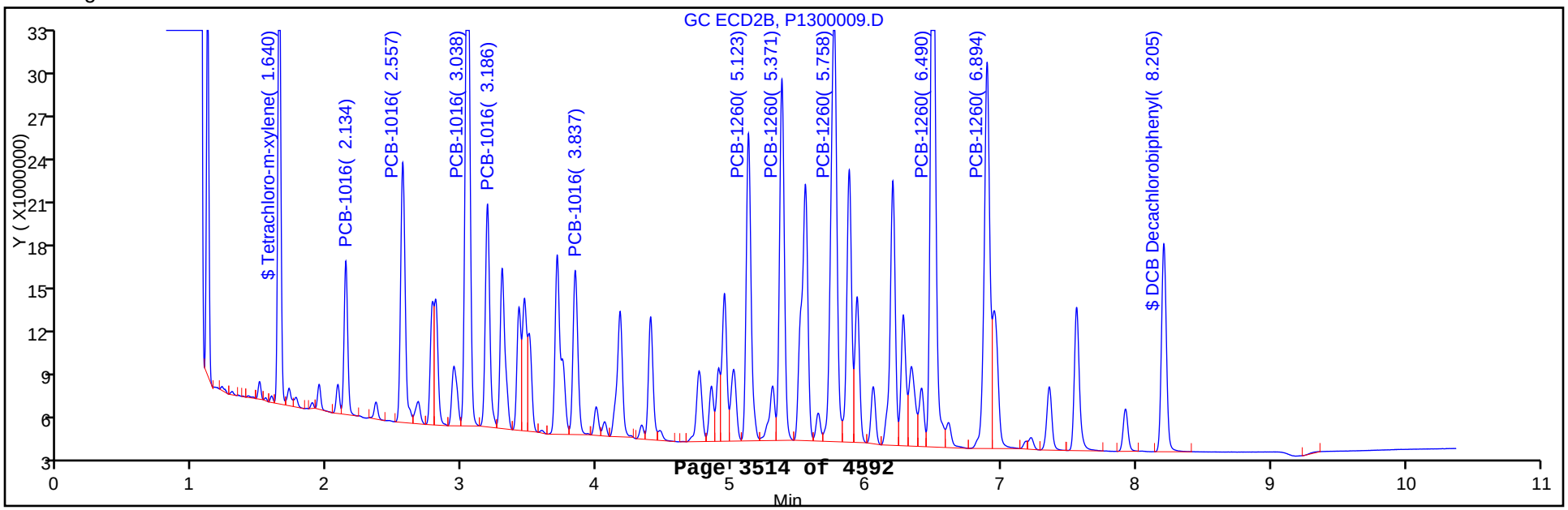
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Injection Date:	18-Dec-2012 09:56:15	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69585/24-A

Matrix: Solid | Lab File ID: P4000020.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/20/2012 10:35

Sample wt/vol: 30.00(g) | Date Analyzed: 12/24/2012 14:07

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.: 69978 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	82		40-140
2051-24-3	DCB Decachlorobiphenyl	80		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000020.D
Lims ID: LCS 240-69585/24-A
Client ID:
Inject. Date: 24-Dec-2012 14:07:12
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016145-020
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 20
Lims Batch ID: 69978
Lims Sample ID: 20
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m
Last Update: 26-Dec-2012 08:41:14
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: XAWRK029

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	1.267	0.003	22724627	0.0163			
2	2	1.671	1.669	0.002	15688228	0.0174			
						RPD = 6.21			
6 PCB-1016									
1	100	1.539	1.537	0.002	17090687	0.6919		100.0	
1	2	1.820	1.818	0.002	34516499	0.7818	152.4- 202.4	202.0	
1	3	2.212	2.209	0.003	76159321	0.8349	334.6- 384.6	445.6	
1	4	2.332	2.330	0.002	32600526	0.8062	125.4- 195.4	190.8	
1	5	2.711	2.709	0.002	31624910	0.7808	136.2- 186.2	185.0	
			Average of Peak Amounts =			0.7791			
2	6	2.134	2.130	0.004	12342849	0.7808		100.0	
2	7	2.529	2.525	0.004	26557729	0.8447	169.0- 229.0	215.2	
2	8	2.979	2.975	0.004	56867300	0.8998	361.2- 421.2	460.7	
2	9	3.117	3.115	0.002	23502255	0.8513	144.4- 204.4	190.4	
2	10	3.220	3.217	0.003	18710759	0.8565	108.9- 168.9	151.6	
			Average of Peak Amounts =			0.8466			
						RPD = 8.31			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.910	3.907	0.003	47180877	0.7950		100.0	
1	2	4.196	4.194	0.002	86342316	0.8040	156.3- 206.3	183.0	
1	3	4.475	4.474	0.001	89225484	0.8091	159.6- 209.6	189.1	
1	4	5.176	5.174	0.002	103601511	0.8315	183.4- 233.4	219.6	
1	5	5.460	5.459	0.001	51130738	0.7688	87.0- 137.0	108.4	
			Average of Peak Amounts =			0.8017			
2	6	4.930	4.928	0.002	36706891	0.8063		100.0	
2	7	5.160	5.157	0.003	43844119	0.8033	86.9- 146.9	119.4	
2	8	5.528	5.525	0.003	67374506	0.8354	145.2- 205.2	183.5	
2	9	6.213	6.210	0.003	83602009	0.8637	177.4- 237.4	227.8	
2	10	6.594	6.593	0.001	59783782	0.8326	125.7- 185.7	162.9	
			Average of Peak Amounts =			0.8283			
						RPD = 3.26			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	20713343	0.0159			
2	2	7.832	7.830	0.002	16354328	0.0165			
						RPD = 3.48			

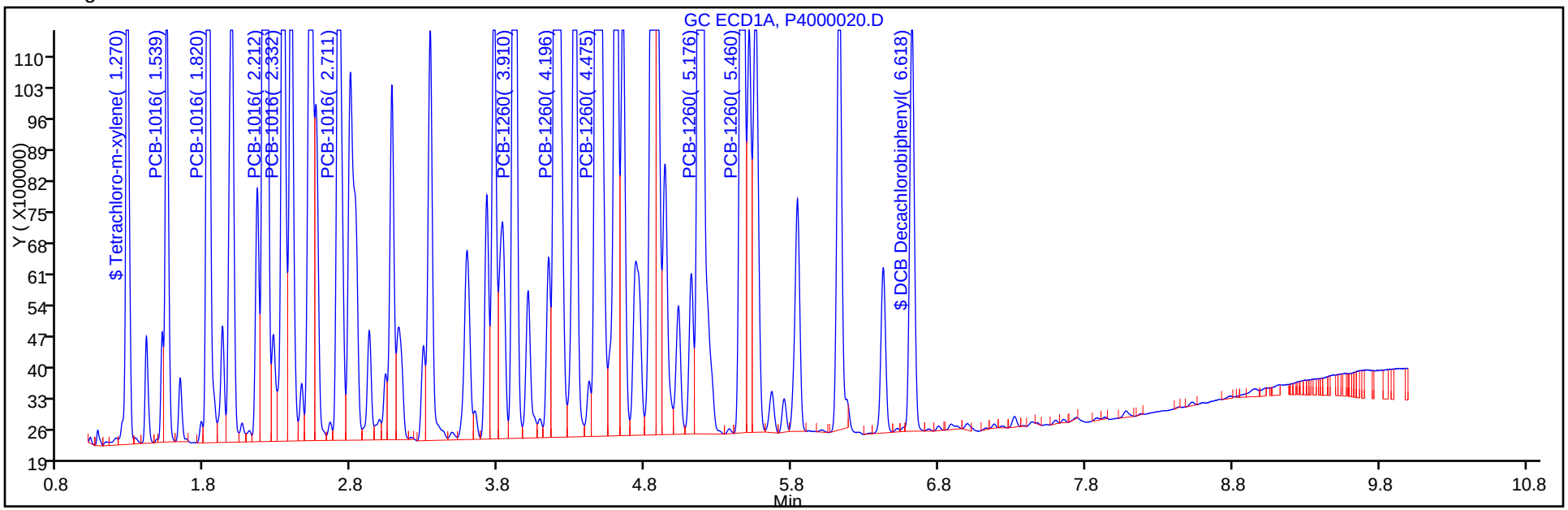
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TestAmerica Canton

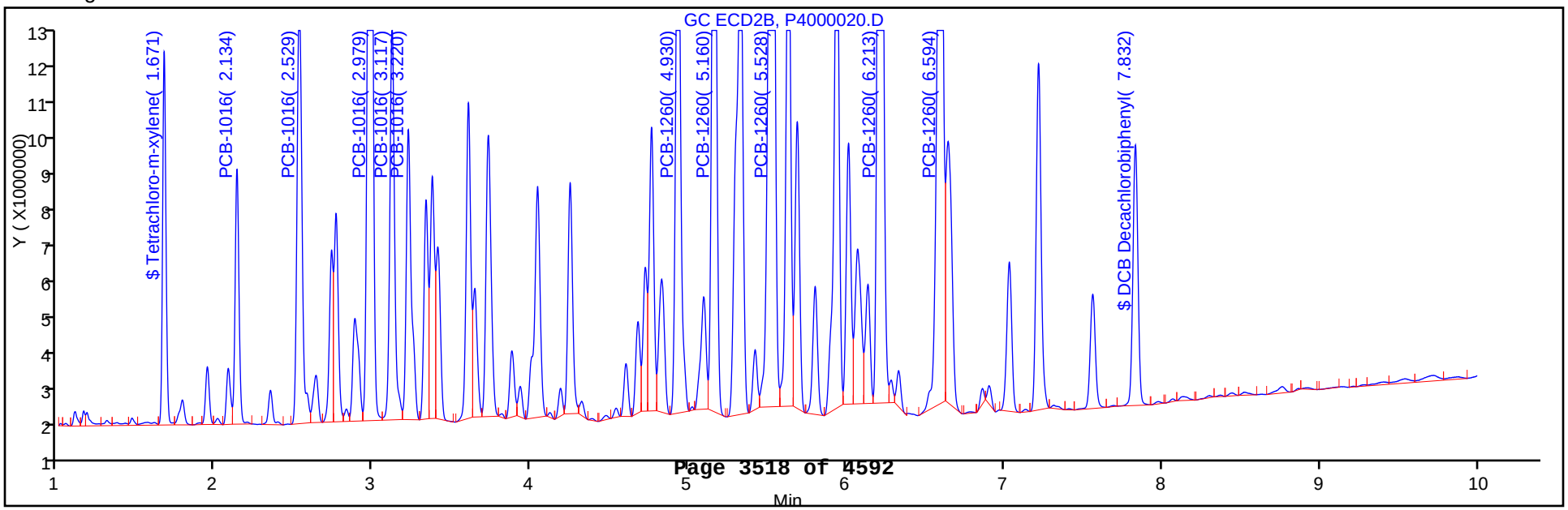
Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000020.D

Injection Date:	24-Dec-2012 14:07:12	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69978	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 I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69585/24-A

Matrix: Solid | Lab File ID: P4000020.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/20/2012 10:35

Sample wt/vol: 30.00(g) | Date Analyzed: 12/24/2012 14:07

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.: 69978 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	282		65	25	21
11096-82-5	Aroclor-1260	276		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\A2HP4\20121224-16145.b\P4000020.D
Lims ID: LCS 240-69585/24-A
Client ID:
Inject. Date: 24-Dec-2012 14:07:12
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016145-020
Misc. Info.:
Operator:
Instrument ID: A2HP4
Injection Vol: 1.0 uL
ALS Bottle#: 20
Lims Batch ID: 69978
Lims Sample ID: 20
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m
Last Update: 26-Dec-2012 08:41:14
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: XAWRK029

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	1.267	0.003	22724627	0.0163			
2	2	1.671	1.669	0.002	15688228	0.0174			
						RPD = 6.21			
6 PCB-1016									
1	100	1.539	1.537	0.002	17090687	0.6919		100.0	
1	2	1.820	1.818	0.002	34516499	0.7818	152.4- 202.4	202.0	
1	3	2.212	2.209	0.003	76159321	0.8349	334.6- 384.6	445.6	
1	4	2.332	2.330	0.002	32600526	0.8062	125.4- 195.4	190.8	
1	5	2.711	2.709	0.002	31624910	0.7808	136.2- 186.2	185.0	
			Average of Peak Amounts =			0.7791			
2	6	2.134	2.130	0.004	12342849	0.7808		100.0	
2	7	2.529	2.525	0.004	26557729	0.8447	169.0- 229.0	215.2	
2	8	2.979	2.975	0.004	56867300	0.8998	361.2- 421.2	460.7	
2	9	3.117	3.115	0.002	23502255	0.8513	144.4- 204.4	190.4	
2	10	3.220	3.217	0.003	18710759	0.8565	108.9- 168.9	151.6	
			Average of Peak Amounts =			0.8466			
						RPD = 8.31			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.910	3.907	0.003	47180877	0.7950		100.0	
1	2	4.196	4.194	0.002	86342316	0.8040	156.3- 206.3	183.0	
1	3	4.475	4.474	0.001	89225484	0.8091	159.6- 209.6	189.1	
1	4	5.176	5.174	0.002	103601511	0.8315	183.4- 233.4	219.6	
1	5	5.460	5.459	0.001	51130738	0.7688	87.0- 137.0	108.4	
			Average of Peak Amounts =			0.8017			
2	6	4.930	4.928	0.002	36706891	0.8063		100.0	
2	7	5.160	5.157	0.003	43844119	0.8033	86.9- 146.9	119.4	
2	8	5.528	5.525	0.003	67374506	0.8354	145.2- 205.2	183.5	
2	9	6.213	6.210	0.003	83602009	0.8637	177.4- 237.4	227.8	
2	10	6.594	6.593	0.001	59783782	0.8326	125.7- 185.7	162.9	
			Average of Peak Amounts =			0.8283			
						RPD = 3.26			
$ 12 DCB Decachlorobiphenyl									
1	100	6.618	6.618	0.000	20713343	0.0159			
2	2	7.832	7.830	0.002	16354328	0.0165			
						RPD = 3.48			

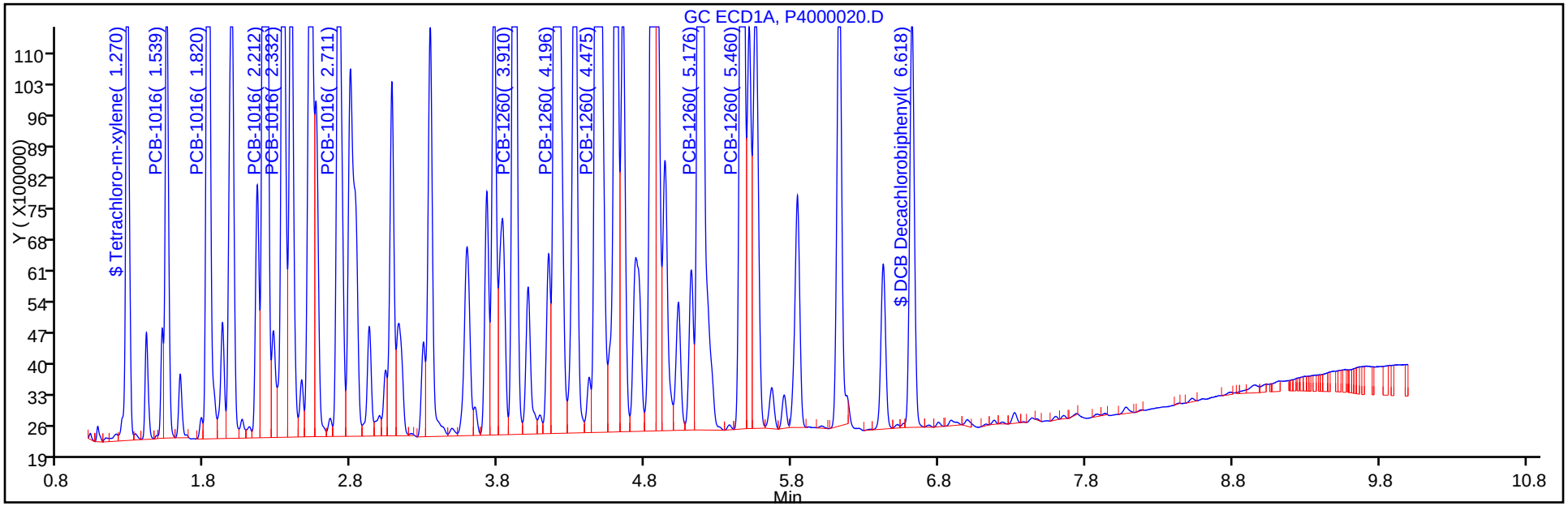
Report Date: 26-Dec-2012 08:41:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

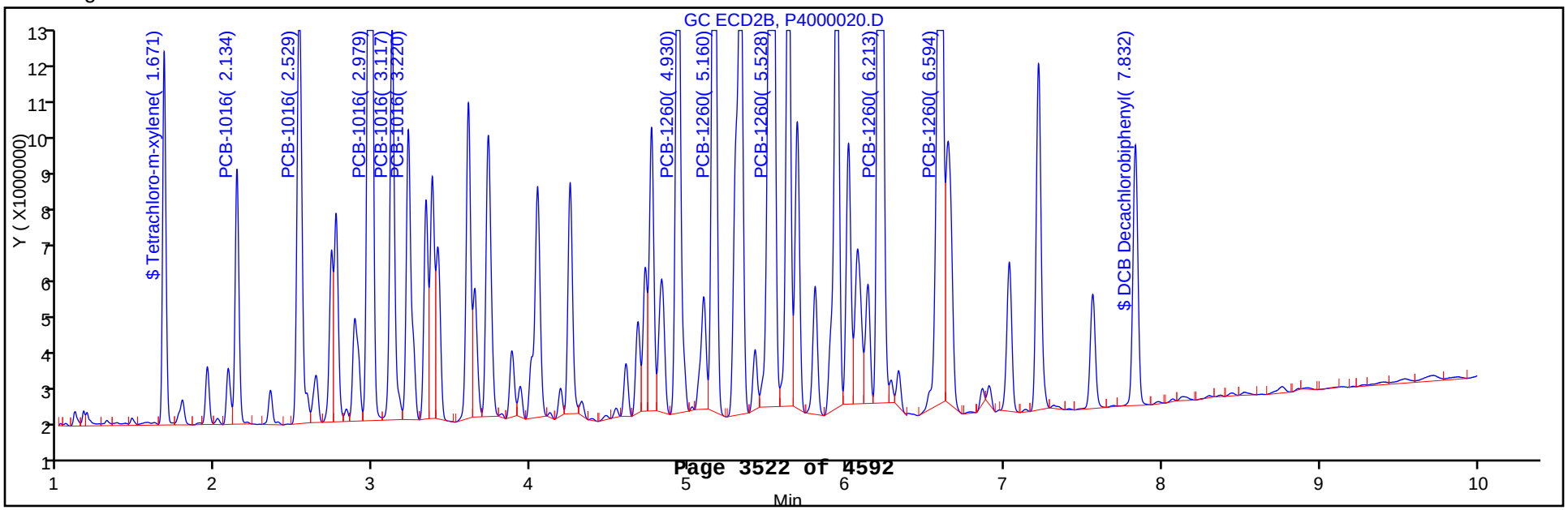
Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000020.D

Injection Date:	24-Dec-2012 14:07:12	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69978	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 I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69119/4

Matrix: Water | Lab File ID: P1300004.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/18/2012 08:41

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.: 69119 | 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*	*0.0579*		*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*	*0.0514*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	132		50-150
2051-24-3	DCB Decachlorobiphenyl	99		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300004.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 08:41:31 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015947-004
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 69119 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:15 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: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 09:15:35

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	7523243	0.003296			
2	2	1.639	1.640	-0.001	4168663	0.002901			
						RPD = 12.74			
3 PCB-1221									
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100	1.581	1.580	0.001	2385071	0.0587		100.0	
1	2	1.888	1.888	0.000	4451524	0.0619	149.3- 199.3	186.6	
1	3	2.315	2.315	0.000	8956915	0.0577	350.2- 400.2	375.5	
1	4	2.446	2.445	0.001	3772703	0.0585	130.7- 180.7	158.2	
1	5	2.858	2.858	0.000	3572361	0.0527	137.9- 187.9	149.8	
			Average of Peak Amounts =			0.0579			
2	6	2.133	2.134	-0.001	1435592	0.0639		100.0	
2	7	2.556	2.556	0.000	2915697	0.0622	176.5- 236.5	203.1	
2	8	3.037	3.037	0.000	5645164	0.0621	362.5- 422.5	393.2	
2	9	3.185	3.185	0.000	2785982	0.0720	137.9- 197.9	194.1	
2	10	3.838	3.837	0.001	1974919	0.0548	118.8- 178.8	137.6	
			Average of Peak Amounts =			0.0630			
						RPD = 8.41			
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
7 PCB-1248									
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
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	4.151	4.149	0.002	5680556	0.0560		100.0	
1	2	4.458	4.458	0.000	10710107	0.0534	175.1- 225.1	188.5	
1	3	4.758	4.758	0.000	10339139	0.0517	173.2- 223.2	182.0	
1	4	5.507	5.508	-0.001	13631085	0.0501	244.1- 294.1	240.0	
1	5	5.812	5.810	0.002	5912870	0.0458	101.5- 151.5	104.1	
			Average of Peak Amounts =			0.0514			
2	6	5.123	5.123	0.000	3782878	0.0568		100.0	
2	7	5.370	5.370	0.000	4618238	0.0222	86.6- 146.6	122.1	
2	8	5.758	5.757	0.001	6269563	0.0537	142.9- 202.9	165.7	
2	9	6.490	6.491	-0.001	7252059	0.0510	179.5- 239.5	191.7	
2	10	6.892	6.893	-0.001	3792872	0.0364	121.8- 181.8	100.3	
			Average of Peak Amounts =			0.0440			
						RPD = 15.53			
9 PCB-1262									
1	100		4.460						
1	2		4.892						
1	3		5.156						
1	4		5.509						
1	5		5.909						
2	6		5.370						
2	7		5.870						
2	8		6.194						
2	9		6.491						
2	10		6.891						
11 PCB-1268									
1	100		5.867						
1	2		5.904						
1	3		6.118						
1	4		6.519						
1	5		6.839						
2	6		6.891						
2	7		6.941						
2	8		7.220						
2	9		7.558						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.046	7.045	0.001	5784084	0.002477			
2	2	8.204	8.205	-0.001	3194975	0.002372			
						RPD = 4.35			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

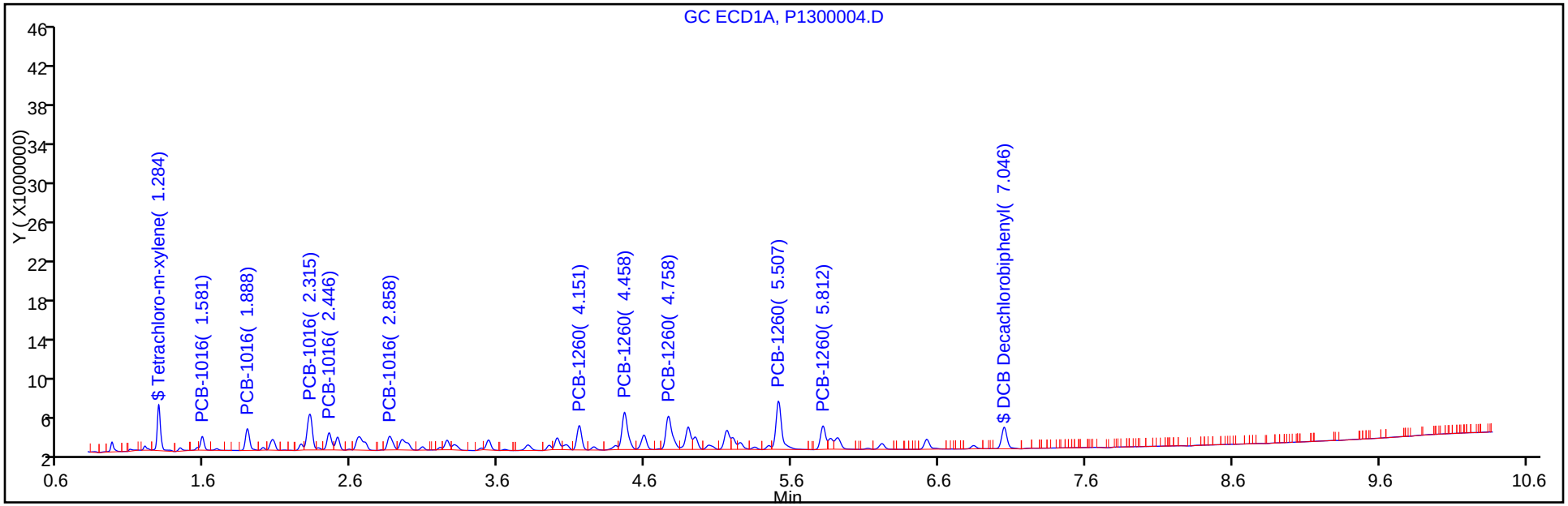
Report Date: 21-Dec-2012 09:49:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

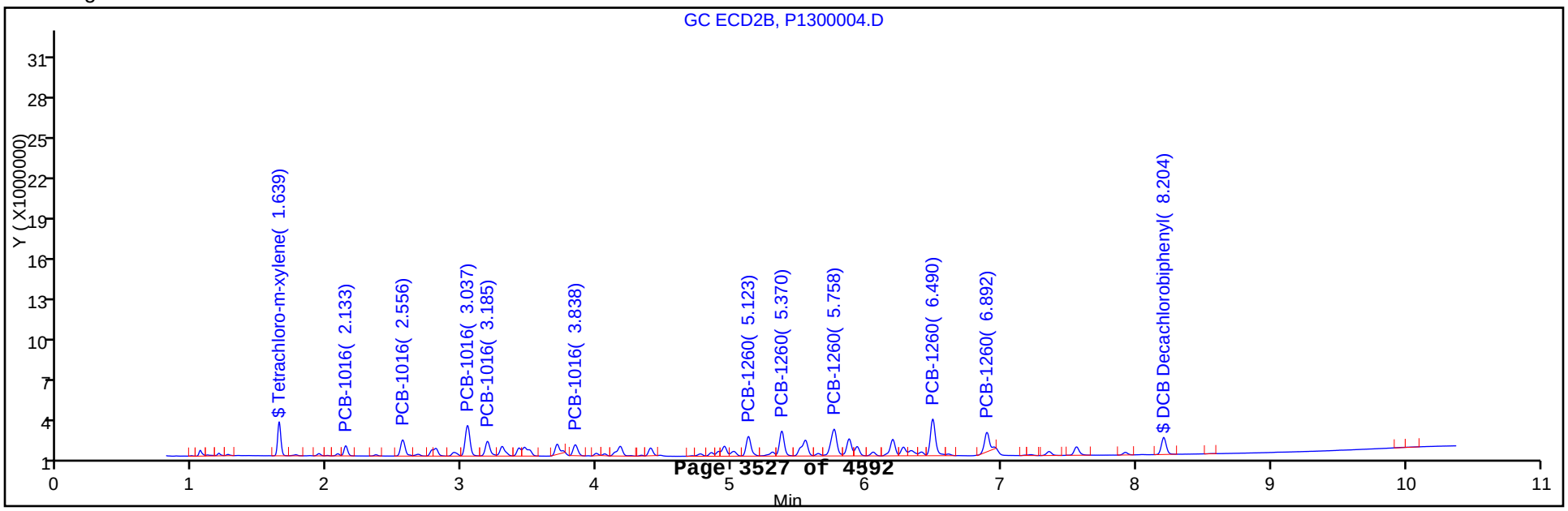
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300004.D

Injection Date:	18-Dec-2012 08:41:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	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.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69119/4

Matrix: Water Lab File ID: P1300004.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/18/2012 08:41

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.: 69119 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	0.0630		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	0.0440	J	0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	116		50-150
2051-24-3	DCB Decachlorobiphenyl	95		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300004.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	18-Dec-2012 08:41:31	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015947-004		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	4
Lims Batch ID:	69119	Lims Sample ID:	4
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m		
Last Update:	21-Dec-2012 09:49:15	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:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 09:15:35

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	7523243	0.003296			
2	2	1.639	1.640	-0.001	4168663	0.002901			
						RPD = 12.74			
3 PCB-1221									
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100	1.581	1.580	0.001	2385071	0.0587		100.0	
1	2	1.888	1.888	0.000	4451524	0.0619	149.3- 199.3	186.6	
1	3	2.315	2.315	0.000	8956915	0.0577	350.2- 400.2	375.5	
1	4	2.446	2.445	0.001	3772703	0.0585	130.7- 180.7	158.2	
1	5	2.858	2.858	0.000	3572361	0.0527	137.9- 187.9	149.8	
			Average of Peak Amounts =			0.0579			
2	6	2.133	2.134	-0.001	1435592	0.0639		100.0	
2	7	2.556	2.556	0.000	2915697	0.0622	176.5- 236.5	203.1	
2	8	3.037	3.037	0.000	5645164	0.0621	362.5- 422.5	393.2	
2	9	3.185	3.185	0.000	2785982	0.0720	137.9- 197.9	194.1	
2	10	3.838	3.837	0.001	1974919	0.0548	118.8- 178.8	137.6	
			Average of Peak Amounts =			0.0630			
						RPD = 8.41			
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
7 PCB-1248									
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
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	4.151	4.149	0.002	5680556	0.0560		100.0	
1	2	4.458	4.458	0.000	10710107	0.0534	175.1- 225.1	188.5	
1	3	4.758	4.758	0.000	10339139	0.0517	173.2- 223.2	182.0	
1	4	5.507	5.508	-0.001	13631085	0.0501	244.1- 294.1	240.0	
1	5	5.812	5.810	0.002	5912870	0.0458	101.5- 151.5	104.1	
			Average of Peak Amounts =			0.0514			
2	6	5.123	5.123	0.000	3782878	0.0568		100.0	
2	7	5.370	5.370	0.000	4618238	0.0222	86.6- 146.6	122.1	
2	8	5.758	5.757	0.001	6269563	0.0537	142.9- 202.9	165.7	
2	9	6.490	6.491	-0.001	7252059	0.0510	179.5- 239.5	191.7	
2	10	6.892	6.893	-0.001	3792872	0.0364	121.8- 181.8	100.3	
			Average of Peak Amounts =			0.0440			
						RPD = 15.53			
9 PCB-1262									
1	100		4.460						
1	2		4.892						
1	3		5.156						
1	4		5.509						
1	5		5.909						
2	6		5.370						
2	7		5.870						
2	8		6.194						
2	9		6.491						
2	10		6.891						
11 PCB-1268									
1	100		5.867						
1	2		5.904						
1	3		6.118						
1	4		6.519						
1	5		6.839						
2	6		6.891						
2	7		6.941						
2	8		7.220						
2	9		7.558						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.046	7.045	0.001	5784084	0.002477			
2	2	8.204	8.205	-0.001	3194975	0.002372			
						RPD = 4.35			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

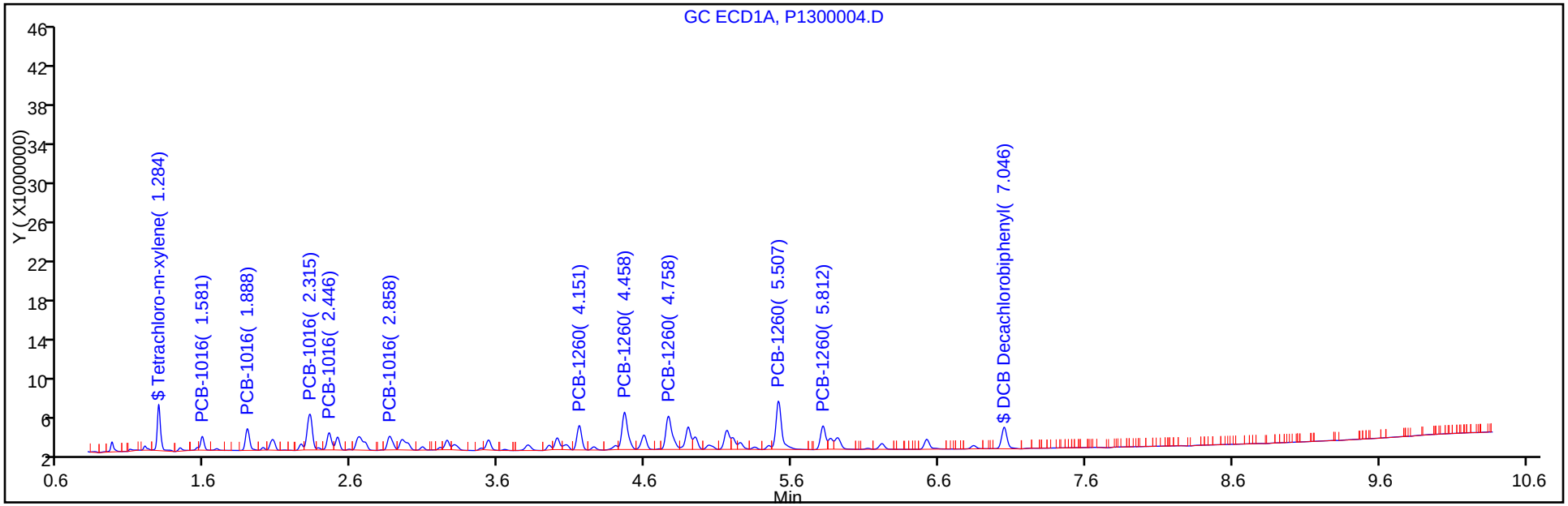
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TestAmerica Canton

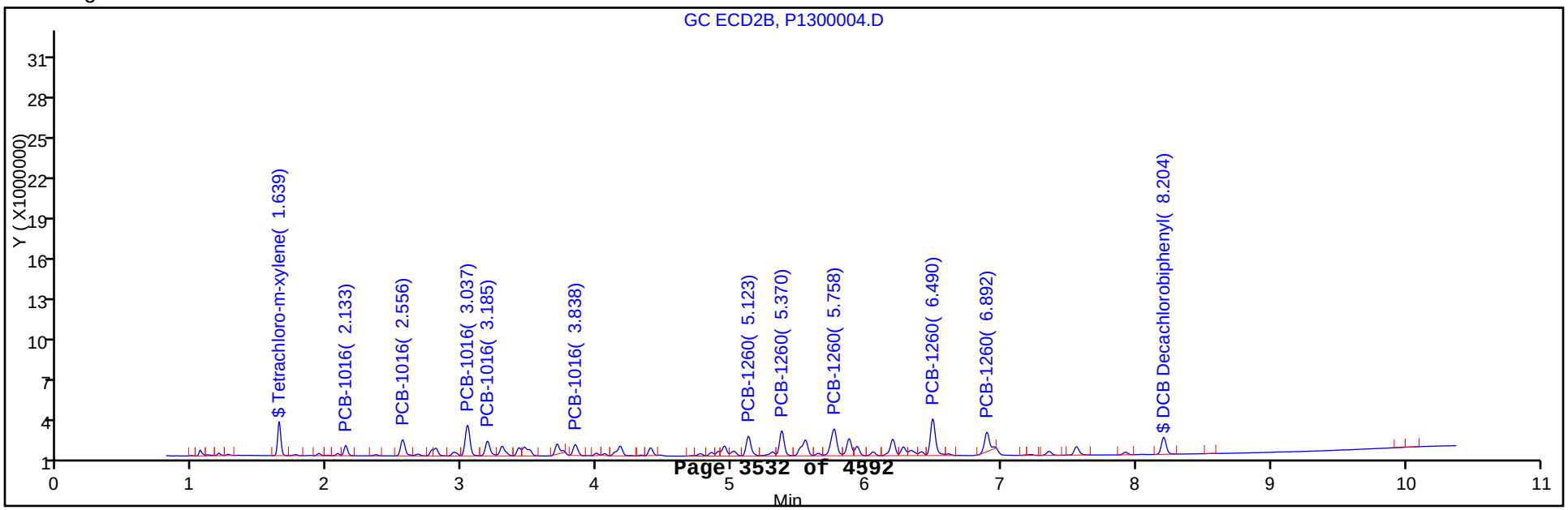
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Injection Date:	18-Dec-2012 08:41:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

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.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69119/11

Matrix: Water Lab File ID: P1300011.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/18/2012 10:26

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.: 69119 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*	*0.0565*		*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*	*0.0504*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	146	*Q*	50-150
2051-24-3	DCB Decachlorobiphenyl	106		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300011.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	18-Dec-2012 10:26:14	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015947-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	11
Lims Batch ID:	69119	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m		
Last Update:	21-Dec-2012 09:49:23	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:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 09:16:37

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	1.284	0.000	8337422	0.003652			
2	2	1.639	1.639	0.000	4010810	0.002791			
						RPD = 26.73			
3 PCB-1221									
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
6 PCB-1016									
1	100	1.580	1.581	-0.001	2652730	0.0652		100.0	
1	2	1.888	1.889	-0.001	4111547	0.0572	149.3- 199.3	155.0	
1	3	2.314	2.314	0.000	8720684	0.0562	350.2- 400.2	328.7	
1	4	2.445	2.446	-0.001	3630755	0.0563	130.7- 180.7	136.9	
1	5	2.859	2.857	0.002	3238542	0.0477	137.9- 187.9	122.1	
			Average of Peak Amounts =			0.0565			
2	6	2.133	2.133	0.000	1295398	0.0576		100.0	
2	7	2.556	2.557	-0.001	2571257	0.0548	176.5- 236.5	198.5	
2	8	3.037	3.038	-0.001	5235521	0.0576	362.5- 422.5	404.2	
2	9	3.185	3.186	-0.001	2448356	0.0632	137.9- 197.9	189.0	
2	10	3.835	3.837	-0.002	1805746	0.0501	118.8- 178.8	139.4	
			Average of Peak Amounts =			0.0567			
						RPD = 0.25			
7 PCB-1248									
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
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	4.152	-0.002	5365313	0.0529		100.0	
1	2	4.459	4.460	-0.001	10267058	0.0512	175.1- 225.1	191.4	
1	3	4.759	4.758	0.001	10024003	0.0501	173.2- 223.2	186.8	
1	4	5.509	5.508	0.001	13825635	0.0509	244.1- 294.1	257.7	
1	5	5.811	5.812	-0.001	6071485	0.0470	101.5- 151.5	113.2	
			Average of Peak Amounts =			0.0504			
2	6	5.123	5.122	0.001	3611688	0.0542		100.0	
2	7	5.370	5.370	0.000	4285537	0.0174	86.6- 146.6	118.7	
2	8	5.757	5.758	-0.001	6247528	0.0535	142.9- 202.9	173.0	
2	9	6.490	6.491	-0.001	7535640	0.0530	179.5- 239.5	208.6	
2	10	6.894	6.894	0.000	5249044	0.0504	121.8- 181.8	145.3	
			Average of Peak Amounts =			0.0457			
						RPD = 9.83			
9 PCB-1262									
1	100		4.460						
1	2		4.892						
1	3		5.156						
1	4		5.509						
1	5		5.909						
2	6		5.370						
2	7		5.870						
2	8		6.194						
2	9		6.491						
2	10		6.891						
11 PCB-1268									
1	100		5.867						
1	2		5.904						
1	3		6.118						
1	4		6.519						
1	5		6.839						
2	6		6.891						
2	7		6.941						
2	8		7.220						
2	9		7.558						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.047	7.047	0.000	6169287	0.002642			
2	2	8.205	8.206	-0.001	3392232	0.002519			
						RPD = 4.80			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

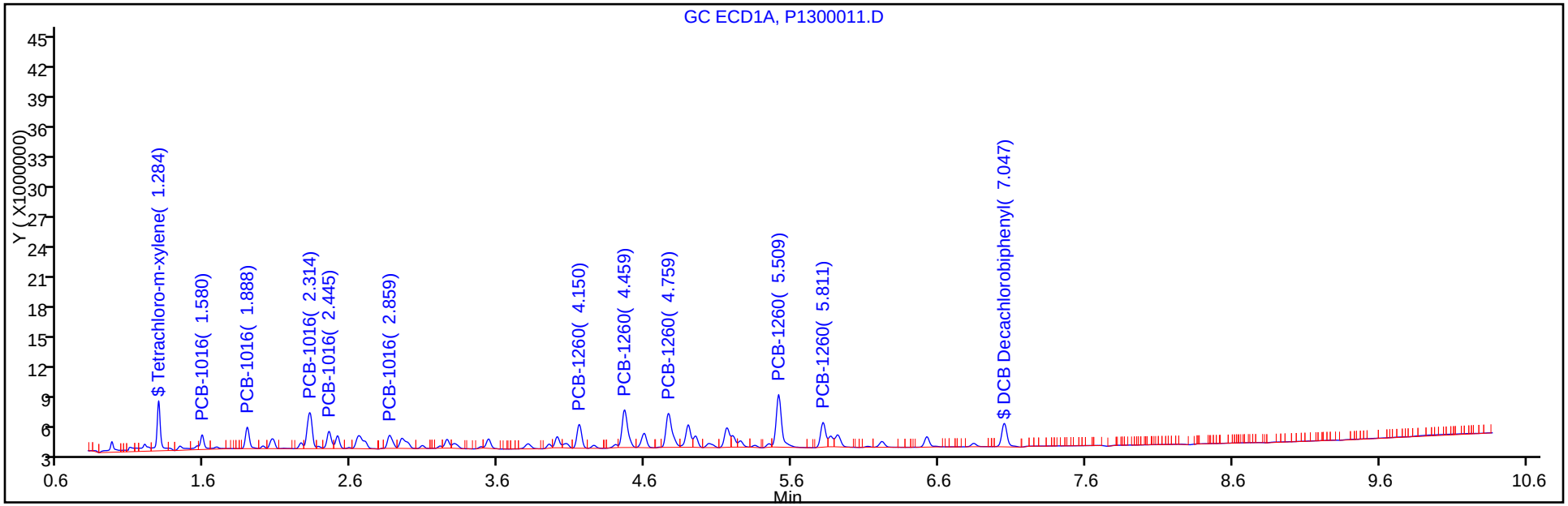
Report Date: 21-Dec-2012 09:49:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

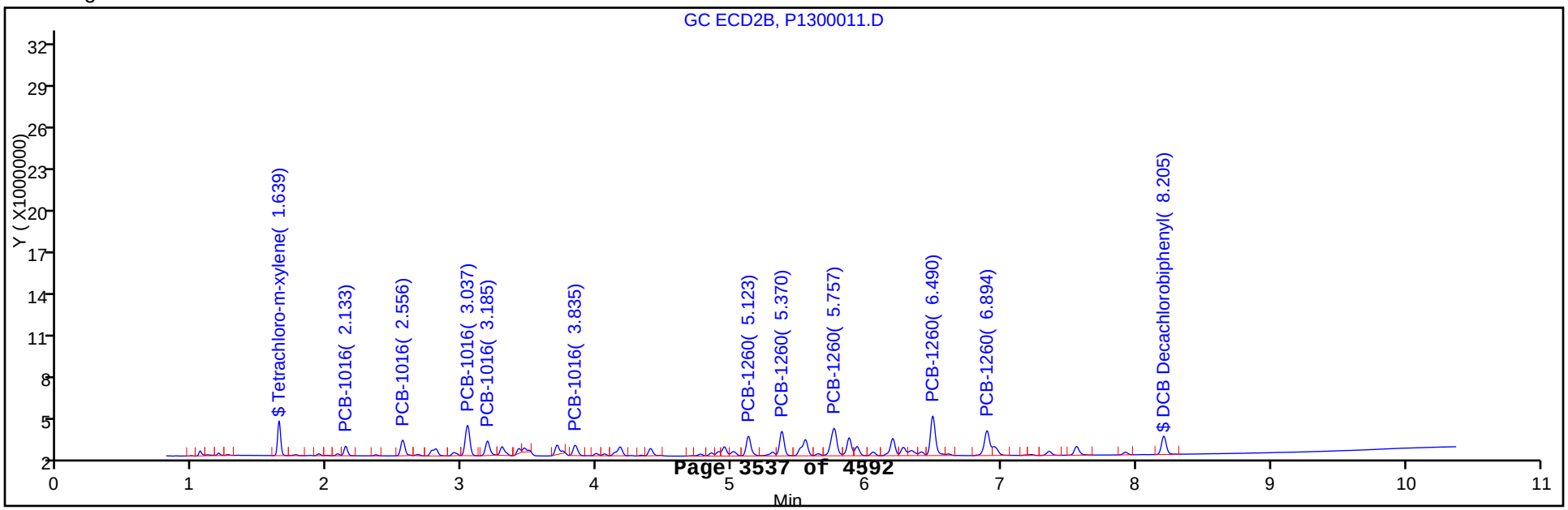
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300011.D

Injection Date:	18-Dec-2012 10:26:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69119/11

Matrix: Water Lab File ID: P1300011.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/18/2012 10:26

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.: 69119 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	0.0567		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	0.0457	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	101		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300011.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 10:26:14 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015947-011
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 11
Lims Batch ID: 69119 Lims Sample ID: 11
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:23 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: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 09:16:37

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	1.284	0.000	8337422	0.003652			
2	2	1.639	1.639	0.000	4010810	0.002791			
						RPD = 26.73			
3 PCB-1221									
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
6 PCB-1016									
1	100	1.580	1.581	-0.001	2652730	0.0652		100.0	
1	2	1.888	1.889	-0.001	4111547	0.0572	149.3- 199.3	155.0	
1	3	2.314	2.314	0.000	8720684	0.0562	350.2- 400.2	328.7	
1	4	2.445	2.446	-0.001	3630755	0.0563	130.7- 180.7	136.9	
1	5	2.859	2.857	0.002	3238542	0.0477	137.9- 187.9	122.1	
			Average of Peak Amounts =			0.0565			
2	6	2.133	2.133	0.000	1295398	0.0576		100.0	
2	7	2.556	2.557	-0.001	2571257	0.0548	176.5- 236.5	198.5	
2	8	3.037	3.038	-0.001	5235521	0.0576	362.5- 422.5	404.2	
2	9	3.185	3.186	-0.001	2448356	0.0632	137.9- 197.9	189.0	
2	10	3.835	3.837	-0.002	1805746	0.0501	118.8- 178.8	139.4	
			Average of Peak Amounts =			0.0567			
						RPD = 0.25			
7 PCB-1248									
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
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	4.152	-0.002	5365313	0.0529		100.0	
1	2	4.459	4.460	-0.001	10267058	0.0512	175.1- 225.1	191.4	
1	3	4.759	4.758	0.001	10024003	0.0501	173.2- 223.2	186.8	
1	4	5.509	5.508	0.001	13825635	0.0509	244.1- 294.1	257.7	
1	5	5.811	5.812	-0.001	6071485	0.0470	101.5- 151.5	113.2	
			Average of Peak Amounts =			0.0504			
2	6	5.123	5.122	0.001	3611688	0.0542		100.0	
2	7	5.370	5.370	0.000	4285537	0.0174	86.6- 146.6	118.7	
2	8	5.757	5.758	-0.001	6247528	0.0535	142.9- 202.9	173.0	
2	9	6.490	6.491	-0.001	7535640	0.0530	179.5- 239.5	208.6	
2	10	6.894	6.894	0.000	5249044	0.0504	121.8- 181.8	145.3	
			Average of Peak Amounts =			0.0457			
						RPD = 9.83			
9 PCB-1262									
1	100		4.460						
1	2		4.892						
1	3		5.156						
1	4		5.509						
1	5		5.909						
2	6		5.370						
2	7		5.870						
2	8		6.194						
2	9		6.491						
2	10		6.891						
11 PCB-1268									
1	100		5.867						
1	2		5.904						
1	3		6.118						
1	4		6.519						
1	5		6.839						
2	6		6.891						
2	7		6.941						
2	8		7.220						
2	9		7.558						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.047	7.047	0.000	6169287	0.002642			
2	2	8.205	8.206	-0.001	3392232	0.002519			
						RPD = 4.80			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

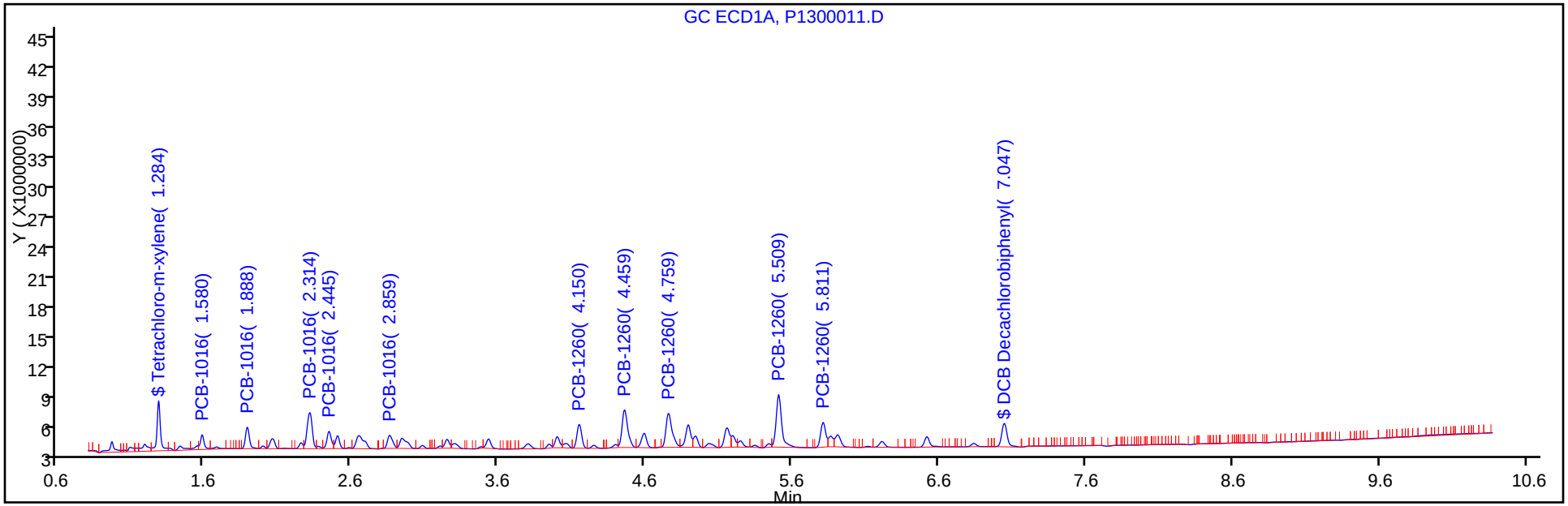
Report Date: 21-Dec-2012 09:49:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

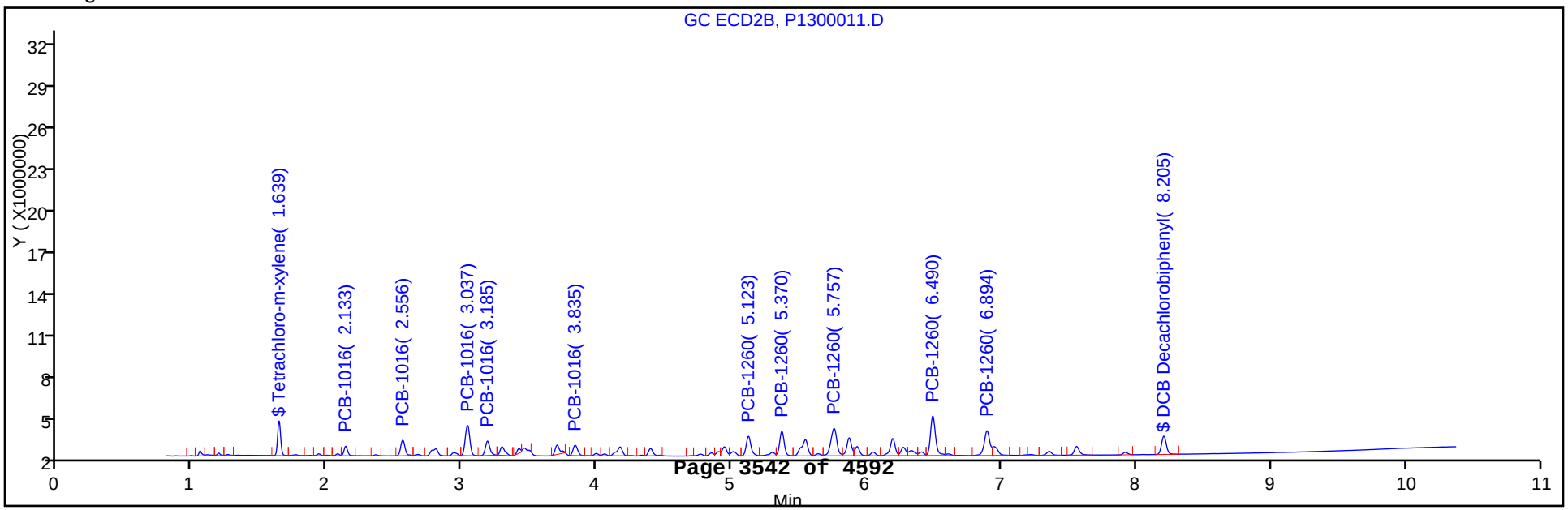
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300011.D

Injection Date:	18-Dec-2012 10:26:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69879/39

Matrix: Solid | Lab File ID: P4000039.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/22/2012 11:29

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.: 69879 | 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*	*0.0602*		*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*	*0.0568*		*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	113		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121222-16115.b\P4000039.D
Lims ID: MRL Client ID:
Inject. Date: 22-Dec-2012 11:29:46 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016115-039
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 39
Lims Batch ID: 69879 Lims Sample ID: 39
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121222-16115.b\PCB4.m
Last Update: 24-Dec-2012 08:12:20 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: XAWRK016

First Level Reviewer: roachc Date: 24-Dec-2012 08:08:59

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	1.270	1.270	0.000	4064327	0.002917			
2	2	1.672	1.672	0.000	2740525	0.003031			
						RPD = 3.86			
3 PCB-1221									
1	2		1.399						
1	3		1.507						
1	4		1.537						
2	4		1.944						
2	5		2.076						
2	6		2.132						
5 PCB-1242									
1	100		1.537						
1	2		1.820						
1	3		2.211						
1	4		2.331						
1	5		2.711						
2	6		2.132						
2	7		2.527						
2	8		2.978						
2	9		3.116						
2	10		3.600						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.538						
1	2		1.820						
1	3		2.210						
1	4		2.331						
1	5		2.709						
2	6		2.133						
2	7		2.528						
2	8		2.978						
2	9		3.116						
2	10		3.725						
6 PCB-1016									
1	100	1.539	1.540	-0.001	1541852	0.0624		100.0	
1	2	1.821	1.822	-0.001	2706290	0.0613	152.4- 202.4	175.5	
1	3	2.213	2.212	0.001	5373781	0.0589	334.6- 384.6	348.5	
1	4	2.333	2.333	0.000	2423964	0.0599	125.4- 195.4	157.2	
1	5	2.712	2.712	0.000	2371828	0.0586	136.2- 186.2	153.8	
			Average of Peak Amounts =			0.0602			
2	6	2.134	2.134	0.000	1087764	0.0688		100.0	
2	7	2.530	2.529	0.001	2128481	0.0677	169.0- 229.0	195.7	
2	8	2.979	2.981	-0.002	4028553	0.0637	361.2- 421.2	370.4	
2	9	3.118	3.118	0.000	1832459	0.0664	144.4- 204.4	168.5	
2	10	3.222	3.222	0.000	1354900	0.0620	108.9- 168.9	124.6	
			Average of Peak Amounts =			0.0657			
						RPD = 8.74			
7 PCB-1248									
1	86		1.817						
1	2		2.207						
1	3		2.708						
1	4		3.287						
1	5		3.718						
2	6		2.525						
2	7		2.976						
2	8		3.726						
2	9		3.999						
2	10		4.722						
8 PCB-1254									
1	100		3.072						
1	2		3.718						
1	3		4.001						
1	4		4.193						
1	5		4.476						
2	6		4.245						
2	7		4.721						
2	8		4.966						
2	9		5.326						
2	10		5.530						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.910	3.911	-0.001	3485024	0.0587		100.0	
1	2	4.197	4.197	0.000	6068099	0.0565	156.3- 206.3	174.1	
1	3	4.477	4.477	0.000	6085513	0.0552	159.6- 209.6	174.6	
1	4	5.179	5.177	0.002	7046366	0.0566	183.4- 233.4	202.2	
1	5	5.462	5.461	0.001	3788342	0.0570	87.0- 137.0	108.7	
			Average of Peak Amounts =			0.0568			
2	6	4.932	4.932	0.000	2845184	0.0625		100.0	
2	7	5.160	5.161	-0.001	3433135	0.0629	86.9- 146.9	120.7	
2	8	5.528	5.529	-0.001	4760347	0.0590	145.2- 205.2	167.3	
2	9	6.214	6.214	0.000	5722264	0.0591	177.4- 237.4	201.1	
2	10	6.596	6.596	0.000	4182441	0.0582	125.7- 185.7	147.0	
			Average of Peak Amounts =			0.0604			
						RPD = 6.10			
9 PCB-1262									
1	100		4.196						
1	2		4.600						
1	3		4.847						
1	4		5.176						
1	5		5.552						
2	6		5.160						
2	7		5.631						
2	8		5.937						
2	9		6.213						
2	10		6.592						
11 PCB-1268									
1	100		5.509						
1	2		5.547						
1	3		5.746						
1	4		6.123						
1	5		6.422						
2	6		6.592						
2	7		6.639						
2	8		6.905						
2	9		7.219						
2	10		7.562						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	3663508	0.002819			
2	2	7.833	7.832	0.001	2851212	0.002877			
						RPD = 2.04			

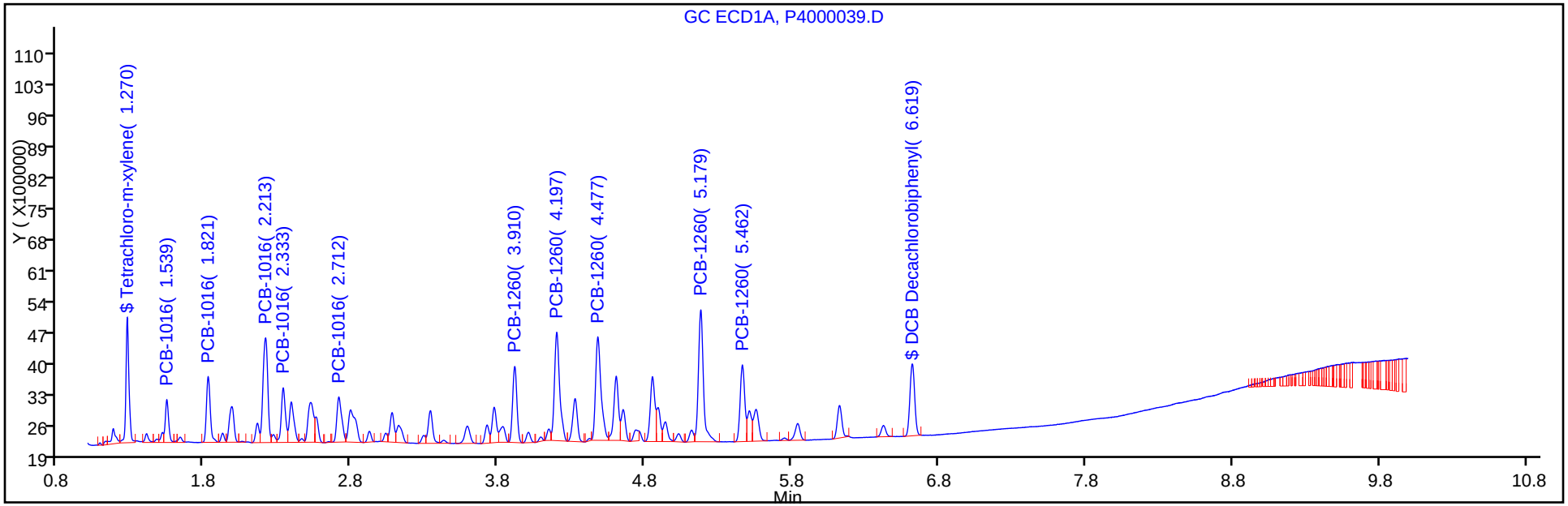
Report Date: 24-Dec-2012 08:12:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

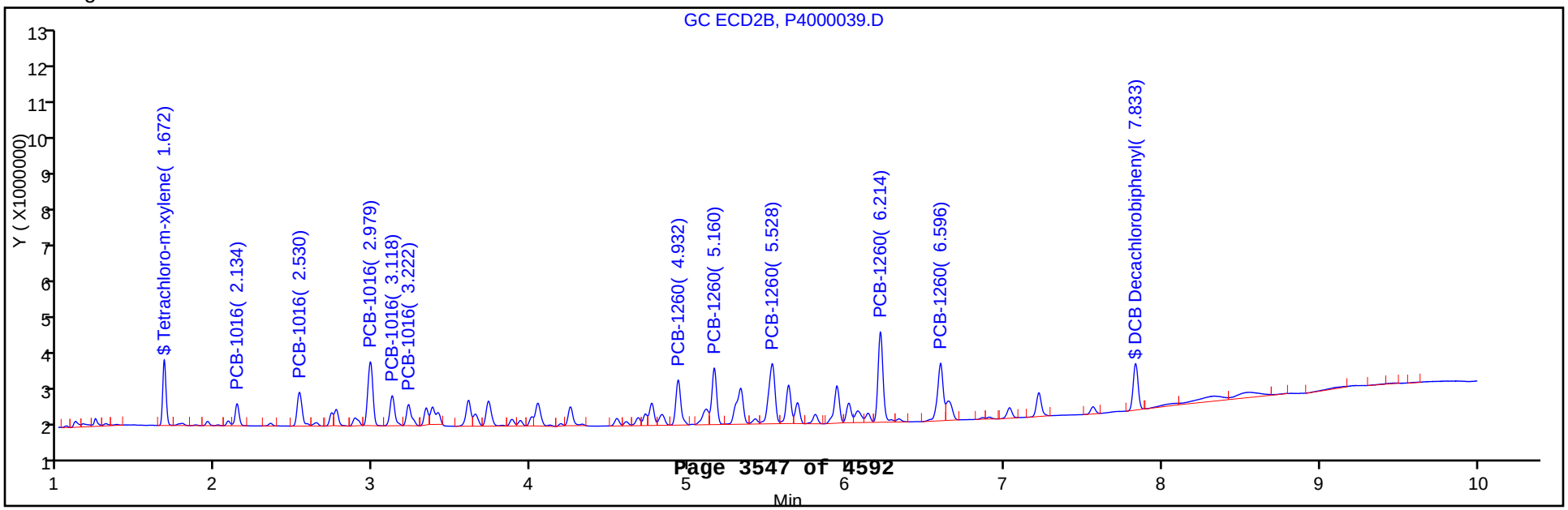
Data File: \\Ncchrom\ChromData\A2HP4\20121222-16115.b\P4000039.D

Injection Date:	22-Dec-2012 11:29:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69879	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69879/39

Matrix: Solid Lab File ID: P4000039.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/22/2012 11:29

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.: 69879 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	0.0657	^	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	0.0604		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	121		50-150
2051-24-3	DCB Decachlorobiphenyl	115		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121222-16115.b\P4000039.D
Lims ID: MRL Client ID:
Inject. Date: 22-Dec-2012 11:29:46 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016115-039
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 39
Lims Batch ID: 69879 Lims Sample ID: 39
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121222-16115.b\PCB4.m
Last Update: 24-Dec-2012 08:12:20 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: XAWRK016

First Level Reviewer: roachc Date: 24-Dec-2012 08:08:59

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	1.270	1.270	0.000	4064327	0.002917			
2	2	1.672	1.672	0.000	2740525	0.003031			
						RPD = 3.86			
3 PCB-1221									
1	2		1.399						
1	3		1.507						
1	4		1.537						
2	4		1.944						
2	5		2.076						
2	6		2.132						
5 PCB-1242									
1	100		1.537						
1	2		1.820						
1	3		2.211						
1	4		2.331						
1	5		2.711						
2	6		2.132						
2	7		2.527						
2	8		2.978						
2	9		3.116						
2	10		3.600						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.538						
1	2		1.820						
1	3		2.210						
1	4		2.331						
1	5		2.709						
2	6		2.133						
2	7		2.528						
2	8		2.978						
2	9		3.116						
2	10		3.725						
6 PCB-1016									
1	100	1.539	1.540	-0.001	1541852	0.0624		100.0	
1	2	1.821	1.822	-0.001	2706290	0.0613	152.4- 202.4	175.5	
1	3	2.213	2.212	0.001	5373781	0.0589	334.6- 384.6	348.5	
1	4	2.333	2.333	0.000	2423964	0.0599	125.4- 195.4	157.2	
1	5	2.712	2.712	0.000	2371828	0.0586	136.2- 186.2	153.8	
			Average of Peak Amounts =			0.0602			
2	6	2.134	2.134	0.000	1087764	0.0688		100.0	
2	7	2.530	2.529	0.001	2128481	0.0677	169.0- 229.0	195.7	
2	8	2.979	2.981	-0.002	4028553	0.0637	361.2- 421.2	370.4	
2	9	3.118	3.118	0.000	1832459	0.0664	144.4- 204.4	168.5	
2	10	3.222	3.222	0.000	1354900	0.0620	108.9- 168.9	124.6	
			Average of Peak Amounts =			0.0657			
						RPD = 8.74			
7 PCB-1248									
1	86		1.817						
1	2		2.207						
1	3		2.708						
1	4		3.287						
1	5		3.718						
2	6		2.525						
2	7		2.976						
2	8		3.726						
2	9		3.999						
2	10		4.722						
8 PCB-1254									
1	100		3.072						
1	2		3.718						
1	3		4.001						
1	4		4.193						
1	5		4.476						
2	6		4.245						
2	7		4.721						
2	8		4.966						
2	9		5.326						
2	10		5.530						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.910	3.911	-0.001	3485024	0.0587		100.0	
1	2	4.197	4.197	0.000	6068099	0.0565	156.3- 206.3	174.1	
1	3	4.477	4.477	0.000	6085513	0.0552	159.6- 209.6	174.6	
1	4	5.179	5.177	0.002	7046366	0.0566	183.4- 233.4	202.2	
1	5	5.462	5.461	0.001	3788342	0.0570	87.0- 137.0	108.7	
			Average of Peak Amounts =			0.0568			
2	6	4.932	4.932	0.000	2845184	0.0625		100.0	
2	7	5.160	5.161	-0.001	3433135	0.0629	86.9- 146.9	120.7	
2	8	5.528	5.529	-0.001	4760347	0.0590	145.2- 205.2	167.3	
2	9	6.214	6.214	0.000	5722264	0.0591	177.4- 237.4	201.1	
2	10	6.596	6.596	0.000	4182441	0.0582	125.7- 185.7	147.0	
			Average of Peak Amounts =			0.0604			
						RPD = 6.10			
9 PCB-1262									
1	100		4.196						
1	2		4.600						
1	3		4.847						
1	4		5.176						
1	5		5.552						
2	6		5.160						
2	7		5.631						
2	8		5.937						
2	9		6.213						
2	10		6.592						
11 PCB-1268									
1	100		5.509						
1	2		5.547						
1	3		5.746						
1	4		6.123						
1	5		6.422						
2	6		6.592						
2	7		6.639						
2	8		6.905						
2	9		7.219						
2	10		7.562						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	3663508	0.002819			
2	2	7.833	7.832	0.001	2851212	0.002877			
						RPD = 2.04			

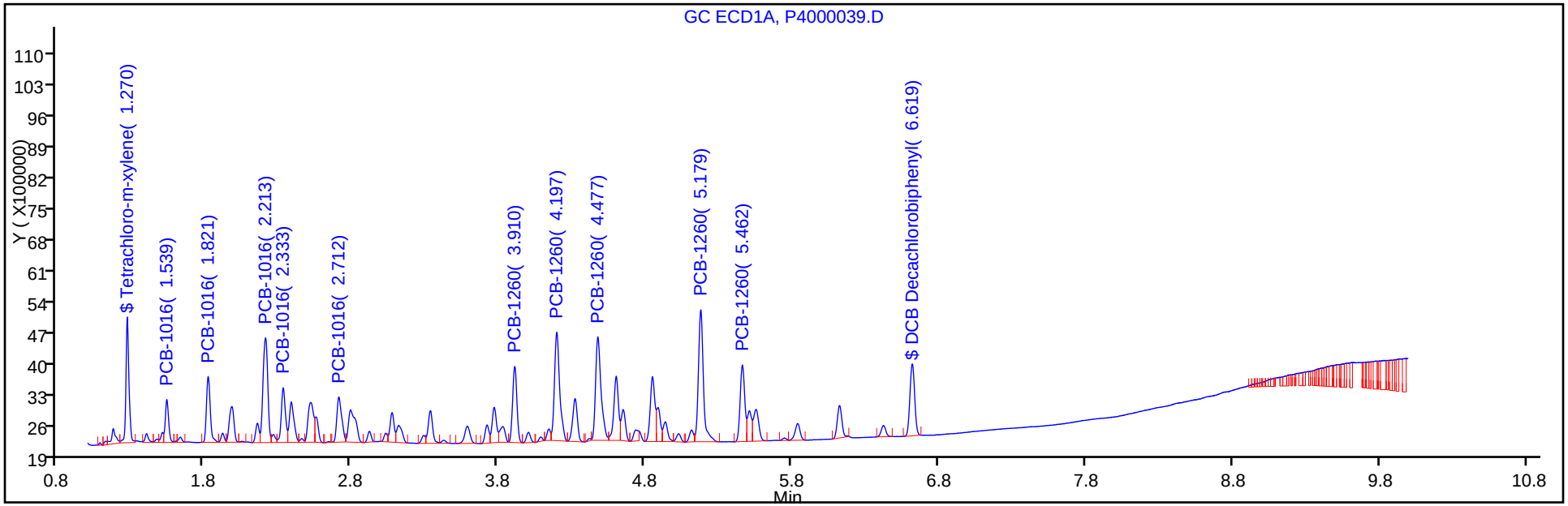
Report Date: 24-Dec-2012 08:12:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

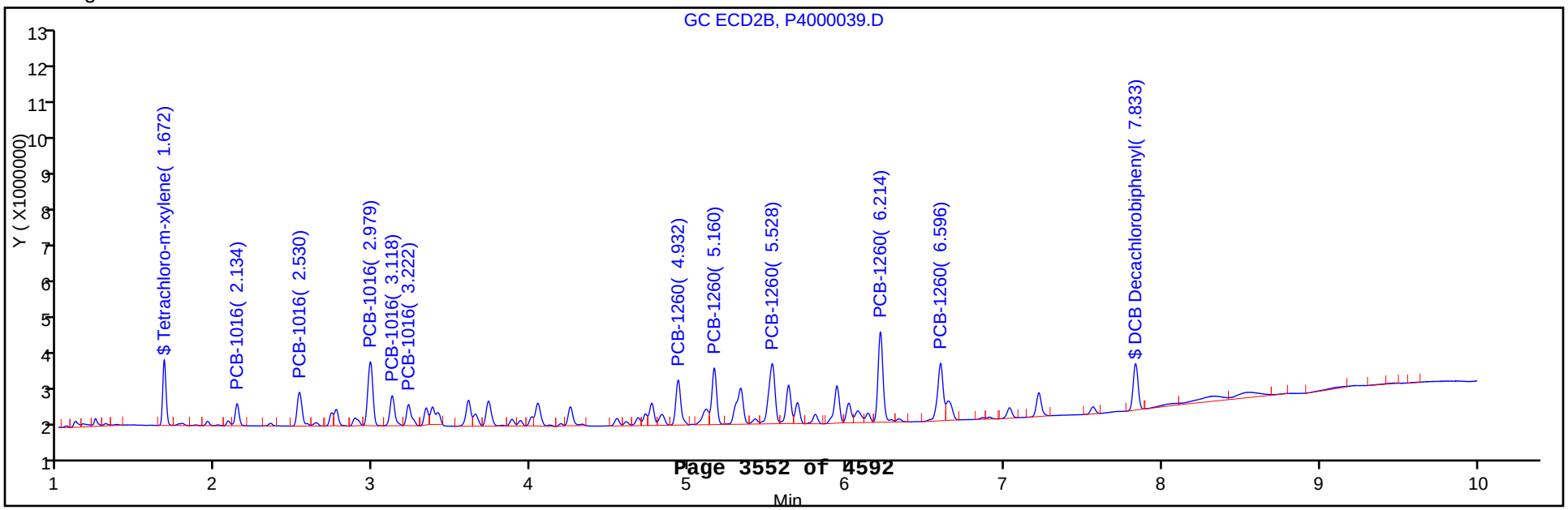
Data File: \\Ncchrom\ChromData\A2HP4\20121222-16115.b\P4000039.D

Injection Date:	22-Dec-2012 11:29:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69879	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69978/10

Matrix: Solid Lab File ID: P4000010.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/24/2012 11:29

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.: 69978 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*	*0.0554*		*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*	*0.0556*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	109		50-150
2051-24-3	DCB Decachlorobiphenyl	115		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000010.D
Lims ID: MRL Client ID:
Inject. Date: 24-Dec-2012 11:29:55 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016145-010
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 69978 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m
Last Update: 26-Dec-2012 08:41:14 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: XAWRK029

First Level Reviewer: roachc Date: 26-Dec-2012 08:24:28

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	1.269	1.267	0.002	3793420	0.002722			
2	2	1.671	1.669	0.002	2602808	0.002879			
						RPD = 5.60			
3 PCB-1221									
1	2		1.401						
1	3		1.509						
1	4		1.538						
2	4		1.946						
2	5		2.077						
2	6		2.133						
6 PCB-1016									
1	100	1.538	1.537	0.001	1407213	0.0570		100.0	
1	2	1.821	1.818	0.003	2541398	0.0576	152.4- 202.4	180.6	
1	3	2.212	2.209	0.003	4844790	0.0531	334.6- 384.6	344.3	
1	4	2.332	2.330	0.002	2092458	0.0517	125.4- 195.4	148.7	
1	5	2.711	2.709	0.002	2337030	0.0577	136.2- 186.2	166.1	
			Average of Peak Amounts =			0.0554			
2	6	2.132	2.130	0.002	1029351	0.0651		100.0	
2	7	2.528	2.525	0.003	2002063	0.0637	169.0- 229.0	194.5	
2	8	2.978	2.975	0.003	3794250	0.0600	361.2- 421.2	368.6	
2	9	3.117	3.115	0.002	1776616	0.0644	144.4- 204.4	172.6	
2	10	3.220	3.217	0.003	1267030	0.0580	108.9- 168.9	123.1	
			Average of Peak Amounts =			0.0622			
						RPD = 11.59			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.537						
1	2		1.820						
1	3		2.212						
1	4		2.331						
1	5		2.711						
2	6		2.132						
2	7		2.527						
2	8		2.977						
2	9		3.116						
2	10		3.600						
4 PCB-1232									
1	100		1.538						
1	2		1.821						
1	3		2.211						
1	4		2.332						
1	5		2.710						
2	6		2.132						
2	7		2.527						
2	8		2.977						
2	9		3.116						
2	10		3.726						
7 PCB-1248									
1	86		1.820						
1	2		2.210						
1	3		2.710						
1	4		3.287						
1	5		3.720						
2	6		2.526						
2	7		2.977						
2	8		3.726						
2	9		4.000						
2	10		4.722						
8 PCB-1254									
1	100		3.074						
1	2		3.721						
1	3		4.001						
1	4		4.194						
1	5		4.476						
2	6		4.246						
2	7		4.722						
2	8		4.966						
2	9		5.326						
2	10		5.530						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.910	3.907	0.003	3374461	0.0569		100.0	
1	2	4.196	4.194	0.002	6051813	0.0563	156.3- 206.3	179.3	
1	3	4.475	4.474	0.001	6094862	0.0553	159.6- 209.6	180.6	
1	4	5.177	5.174	0.003	6842039	0.0549	183.4- 233.4	202.8	
1	5	5.461	5.459	0.002	3641618	0.0548	87.0- 137.0	107.9	
			Average of Peak Amounts =			0.0556			
2	6	4.930	4.928	0.002	2757769	0.0606		100.0	
2	7	5.159	5.157	0.002	3385332	0.0620	86.9- 146.9	122.8	
2	8	5.528	5.525	0.003	4753183	0.0589	145.2- 205.2	172.4	
2	9	6.213	6.210	0.003	5721830	0.0591	177.4- 237.4	207.5	
2	10	6.596	6.593	0.003	4247566	0.0592	125.7- 185.7	154.0	
			Average of Peak Amounts =			0.0600			
						RPD = 7.49			
9 PCB-1262									
1	100		4.197						
1	2		4.600						
1	3		4.847						
1	4		5.177						
1	5		5.551						
2	6		5.158						
2	7		5.629						
2	8		5.935						
2	9		6.212						
2	10		6.592						
11 PCB-1268									
1	100		5.509						
1	2		5.545						
1	3		5.746						
1	4		6.123						
1	5		6.422						
2	6		6.591						
2	7		6.639						
2	8		6.904						
2	9		7.217						
2	10		7.560						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.618	0.002	3737112	0.002875			
2	2	7.832	7.830	0.002	2996577	0.003023			
						RPD = 5.02			

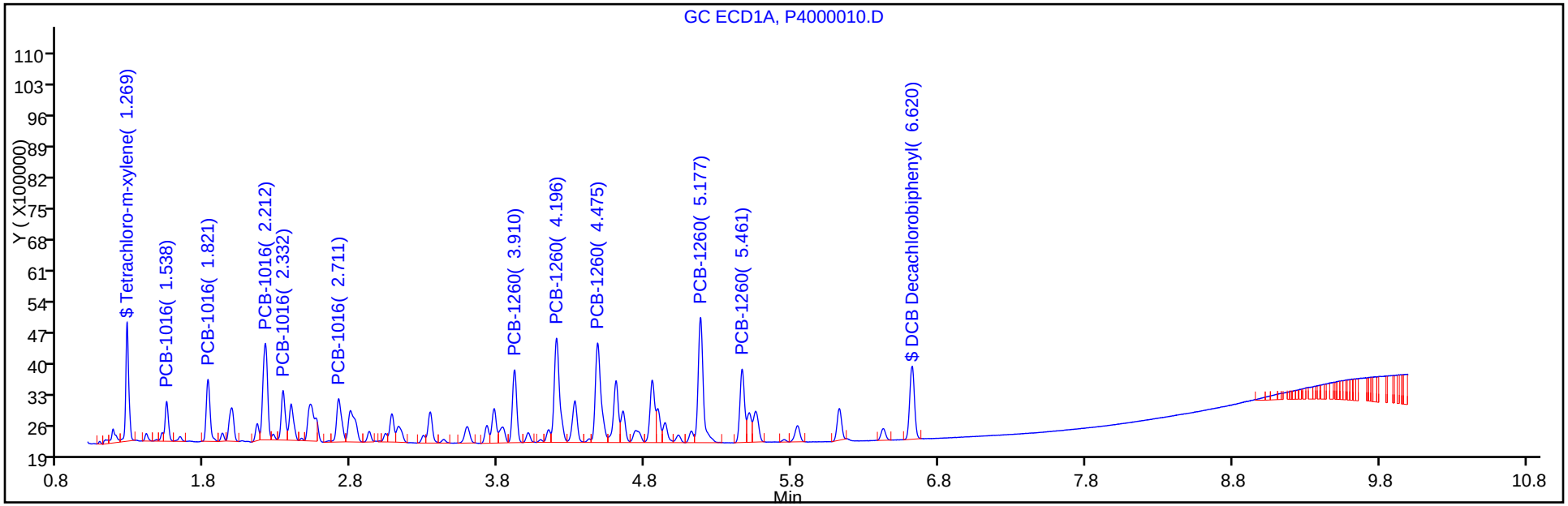
Report Date: 26-Dec-2012 08:41:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

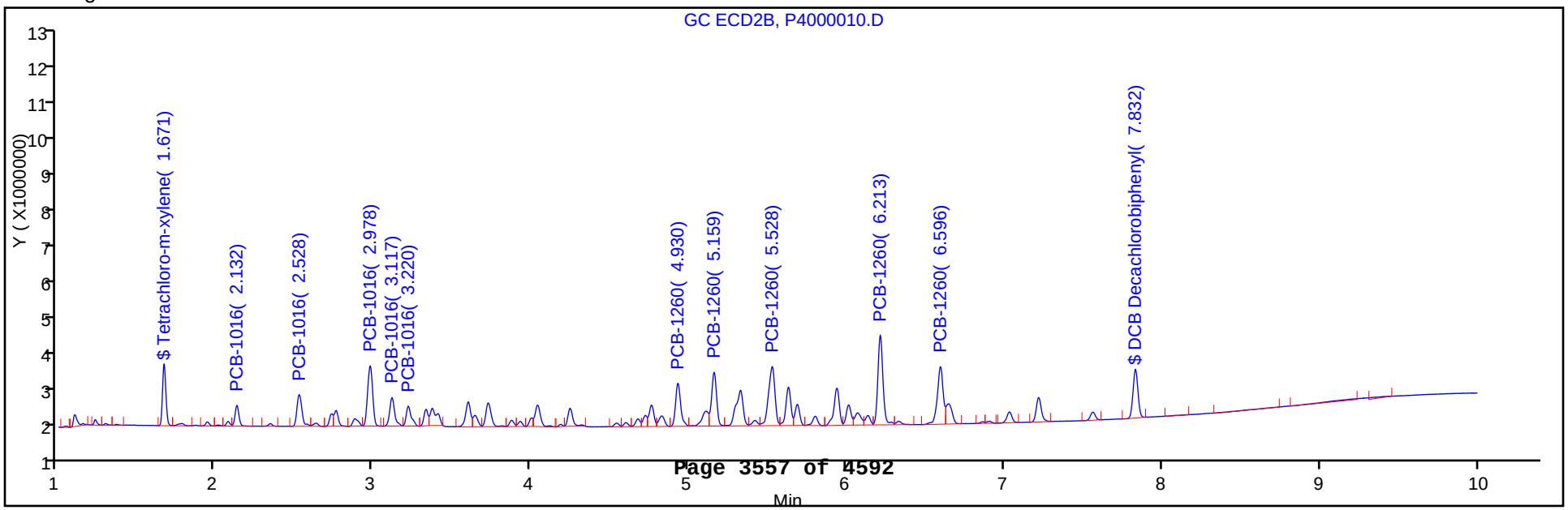
Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000010.D

Injection Date:	24-Dec-2012 11:29:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69978	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.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69978/10

Matrix: Solid Lab File ID: P4000010.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/24/2012 11:29

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.: 69978 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	0.0622		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	0.0600		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	115		50-150
2051-24-3	DCB Decachlorobiphenyl	121		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000010.D
Lims ID: MRL Client ID:
Inject. Date: 24-Dec-2012 11:29:55 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016145-010
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 10
Lims Batch ID: 69978 Lims Sample ID: 10
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m
Last Update: 26-Dec-2012 08:41:14 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: XAWRK029

First Level Reviewer: roachc Date: 26-Dec-2012 08:24:28

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	1.269	1.267	0.002	3793420	0.002722			
2	2	1.671	1.669	0.002	2602808	0.002879			
						RPD = 5.60			
3 PCB-1221									
1	2		1.401						
1	3		1.509						
1	4		1.538						
2	4		1.946						
2	5		2.077						
2	6		2.133						
6 PCB-1016									
1	100	1.538	1.537	0.001	1407213	0.0570		100.0	
1	2	1.821	1.818	0.003	2541398	0.0576	152.4- 202.4	180.6	
1	3	2.212	2.209	0.003	4844790	0.0531	334.6- 384.6	344.3	
1	4	2.332	2.330	0.002	2092458	0.0517	125.4- 195.4	148.7	
1	5	2.711	2.709	0.002	2337030	0.0577	136.2- 186.2	166.1	
			Average of Peak Amounts =			0.0554			
2	6	2.132	2.130	0.002	1029351	0.0651		100.0	
2	7	2.528	2.525	0.003	2002063	0.0637	169.0- 229.0	194.5	
2	8	2.978	2.975	0.003	3794250	0.0600	361.2- 421.2	368.6	
2	9	3.117	3.115	0.002	1776616	0.0644	144.4- 204.4	172.6	
2	10	3.220	3.217	0.003	1267030	0.0580	108.9- 168.9	123.1	
			Average of Peak Amounts =			0.0622			
						RPD = 11.59			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.537						
1	2		1.820						
1	3		2.212						
1	4		2.331						
1	5		2.711						
2	6		2.132						
2	7		2.527						
2	8		2.977						
2	9		3.116						
2	10		3.600						
4 PCB-1232									
1	100		1.538						
1	2		1.821						
1	3		2.211						
1	4		2.332						
1	5		2.710						
2	6		2.132						
2	7		2.527						
2	8		2.977						
2	9		3.116						
2	10		3.726						
7 PCB-1248									
1	86		1.820						
1	2		2.210						
1	3		2.710						
1	4		3.287						
1	5		3.720						
2	6		2.526						
2	7		2.977						
2	8		3.726						
2	9		4.000						
2	10		4.722						
8 PCB-1254									
1	100		3.074						
1	2		3.721						
1	3		4.001						
1	4		4.194						
1	5		4.476						
2	6		4.246						
2	7		4.722						
2	8		4.966						
2	9		5.326						
2	10		5.530						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.910	3.907	0.003	3374461	0.0569		100.0	
1	2	4.196	4.194	0.002	6051813	0.0563	156.3- 206.3	179.3	
1	3	4.475	4.474	0.001	6094862	0.0553	159.6- 209.6	180.6	
1	4	5.177	5.174	0.003	6842039	0.0549	183.4- 233.4	202.8	
1	5	5.461	5.459	0.002	3641618	0.0548	87.0- 137.0	107.9	
			Average of Peak Amounts =			0.0556			
2	6	4.930	4.928	0.002	2757769	0.0606		100.0	
2	7	5.159	5.157	0.002	3385332	0.0620	86.9- 146.9	122.8	
2	8	5.528	5.525	0.003	4753183	0.0589	145.2- 205.2	172.4	
2	9	6.213	6.210	0.003	5721830	0.0591	177.4- 237.4	207.5	
2	10	6.596	6.593	0.003	4247566	0.0592	125.7- 185.7	154.0	
			Average of Peak Amounts =			0.0600			
						RPD = 7.49			
9 PCB-1262									
1	100		4.197						
1	2		4.600						
1	3		4.847						
1	4		5.177						
1	5		5.551						
2	6		5.158						
2	7		5.629						
2	8		5.935						
2	9		6.212						
2	10		6.592						
11 PCB-1268									
1	100		5.509						
1	2		5.545						
1	3		5.746						
1	4		6.123						
1	5		6.422						
2	6		6.591						
2	7		6.639						
2	8		6.904						
2	9		7.217						
2	10		7.560						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.618	0.002	3737112	0.002875			
2	2	7.832	7.830	0.002	2996577	0.003023			
						RPD = 5.02			

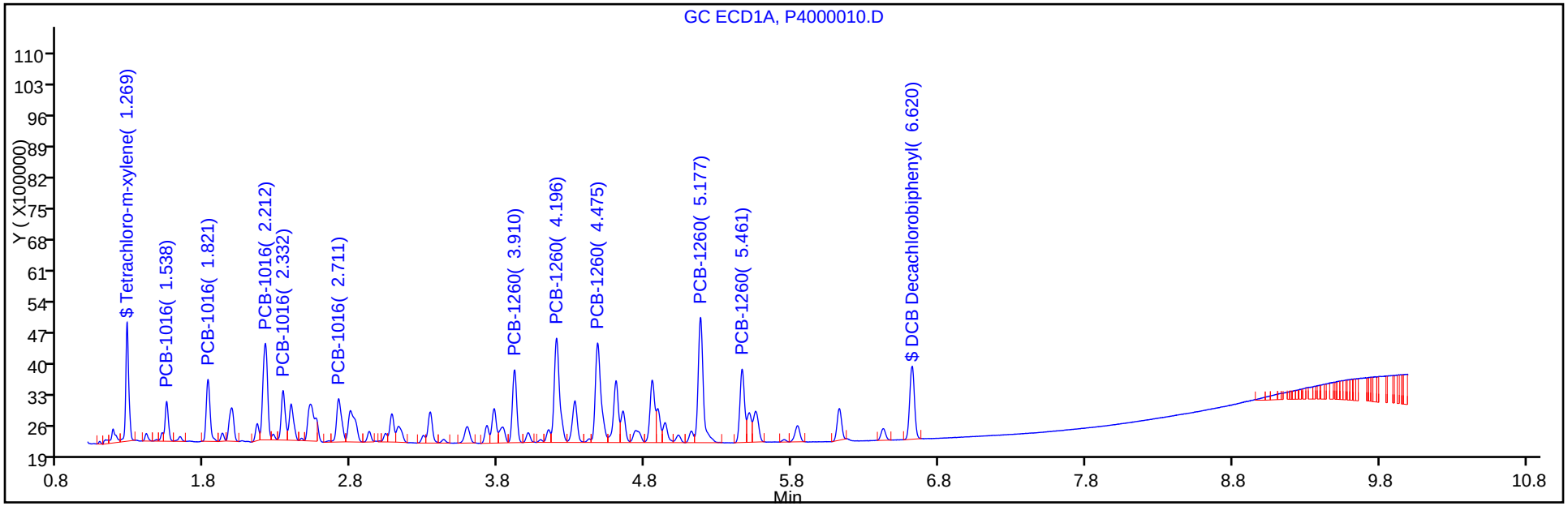
Report Date: 26-Dec-2012 08:41:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

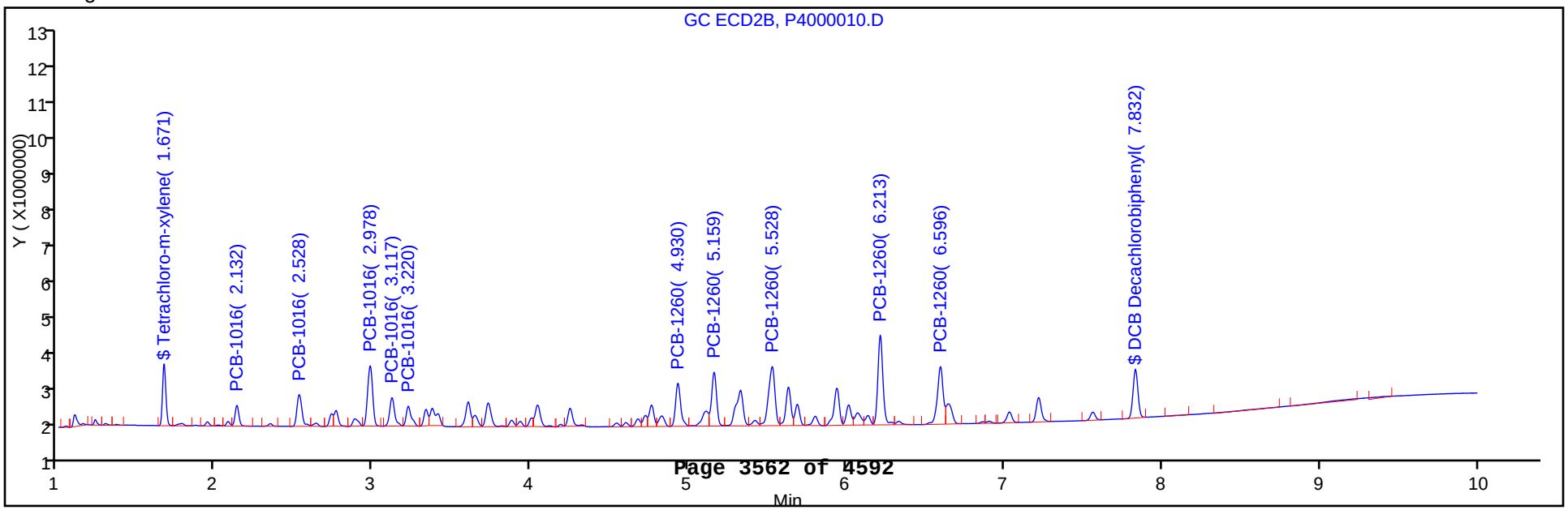
Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000010.D

Injection Date:	24-Dec-2012 11:29:55	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69978	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.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69978/22

Matrix: Solid Lab File ID: P4000022.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/24/2012 14:38

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.: 69978 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*	*0.0582*		*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*	*0.0583*		*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	119		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000022.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	24-Dec-2012 14:38:46	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0016145-022		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	22
Lims Batch ID:	69978	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m		
Last Update:	26-Dec-2012 08:41:26	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:	XAWRK029		
First Level Reviewer: roachc		Date:	26-Dec-2012 08:34:01

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	1.269	1.270	-0.001	3857670	0.002768			
2	2	1.672	1.671	0.001	2735007	0.003025			
						RPD = 8.87			
3 PCB-1221									
1	2		1.401						
1	3		1.509						
1	4		1.538						
2	4		1.946						
2	5		2.077						
2	6		2.133						
5 PCB-1242									
1	100		1.537						
1	2		1.820						
1	3		2.212						
1	4		2.331						
1	5		2.711						
2	6		2.132						
2	7		2.527						
2	8		2.977						
2	9		3.116						
2	10		3.600						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.538						
1	2		1.821						
1	3		2.211						
1	4		2.332						
1	5		2.710						
2	6		2.132						
2	7		2.527						
2	8		2.977						
2	9		3.116						
2	10		3.726						
6 PCB-1016									
1	100	1.539	1.540	-0.001	1497008	0.0606		100.0	
1	2	1.821	1.822	-0.001	2699082	0.0611	152.4- 202.4	180.3	
1	3	2.211	2.213	-0.002	5090307	0.0558	334.6- 384.6	340.0	
1	4	2.332	2.333	-0.001	2211287	0.0547	125.4- 195.4	147.7	
1	5	2.711	2.712	-0.001	2389991	0.0590	136.2- 186.2	159.7	
			Average of Peak Amounts =			0.0582			
2	6	2.133	2.134	-0.001	1107143	0.0700		100.0	
2	7	2.529	2.528	0.001	2081185	0.0662	169.0- 229.0	188.0	
2	8	2.979	2.979	0.000	3944380	0.0624	361.2- 421.2	356.3	
2	9	3.117	3.118	-0.001	1790916	0.0649	144.4- 204.4	161.8	
2	10	3.221	3.221	0.000	1344888	0.0616	108.9- 168.9	121.5	
			Average of Peak Amounts =			0.0650			
						RPD = 10.99			
7 PCB-1248									
1	86		1.820						
1	2		2.210						
1	3		2.710						
1	4		3.287						
1	5		3.720						
2	6		2.526						
2	7		2.977						
2	8		3.726						
2	9		4.000						
2	10		4.722						
8 PCB-1254									
1	100		3.074						
1	2		3.721						
1	3		4.001						
1	4		4.194						
1	5		4.476						
2	6		4.246						
2	7		4.722						
2	8		4.966						
2	9		5.326						
2	10		5.530						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.910	0.001	3550704	0.0598		100.0	
1	2	4.196	4.196	0.000	6355126	0.0592	156.3- 206.3	179.0	
1	3	4.476	4.476	0.000	6396801	0.0580	159.6- 209.6	180.2	
1	4	5.176	5.177	-0.001	7096474	0.0570	183.4- 233.4	199.9	
1	5	5.461	5.461	0.000	3837961	0.0577	87.0- 137.0	108.1	
			Average of Peak Amounts =			0.0583			
2	6	4.930	4.931	-0.001	2790365	0.0613		100.0	
2	7	5.159	5.161	-0.002	3284642	0.0602	86.9- 146.9	117.7	
2	8	5.527	5.529	-0.002	4853034	0.0602	145.2- 205.2	173.9	
2	9	6.214	6.214	0.000	6314335	0.0652	177.4- 237.4	226.3	
2	10	6.595	6.596	-0.001	4296525	0.0598	125.7- 185.7	154.0	
			Average of Peak Amounts =			0.0613			
						RPD = 5.03			
9 PCB-1262									
1	100		4.197						
1	2		4.600						
1	3		4.847						
1	4		5.177						
1	5		5.551						
2	6		5.158						
2	7		5.629						
2	8		5.935						
2	9		6.212						
2	10		6.592						
11 PCB-1268									
1	100		5.509						
1	2		5.545						
1	3		5.746						
1	4		6.123						
1	5		6.422						
2	6		6.591						
2	7		6.639						
2	8		6.904						
2	9		7.217						
2	10		7.560						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	3879581	0.002985			
2	2	7.832	7.833	-0.001	6458232	0.006516			
						RPD = 74.33			

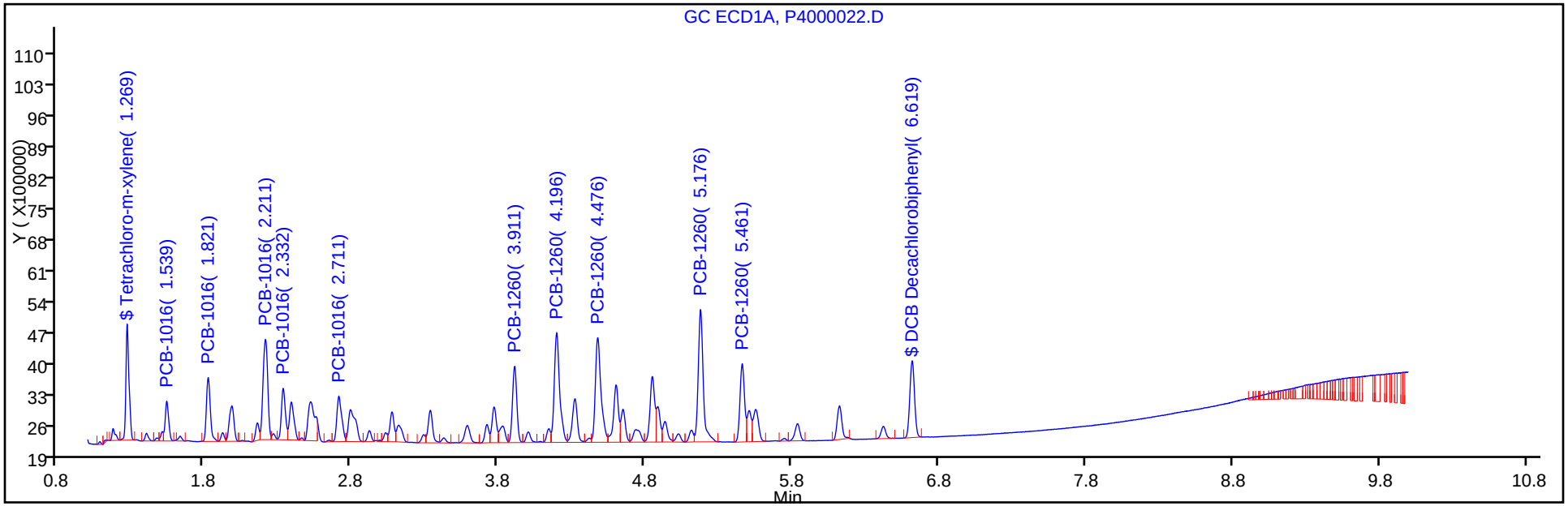
Report Date: 26-Dec-2012 08:41:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

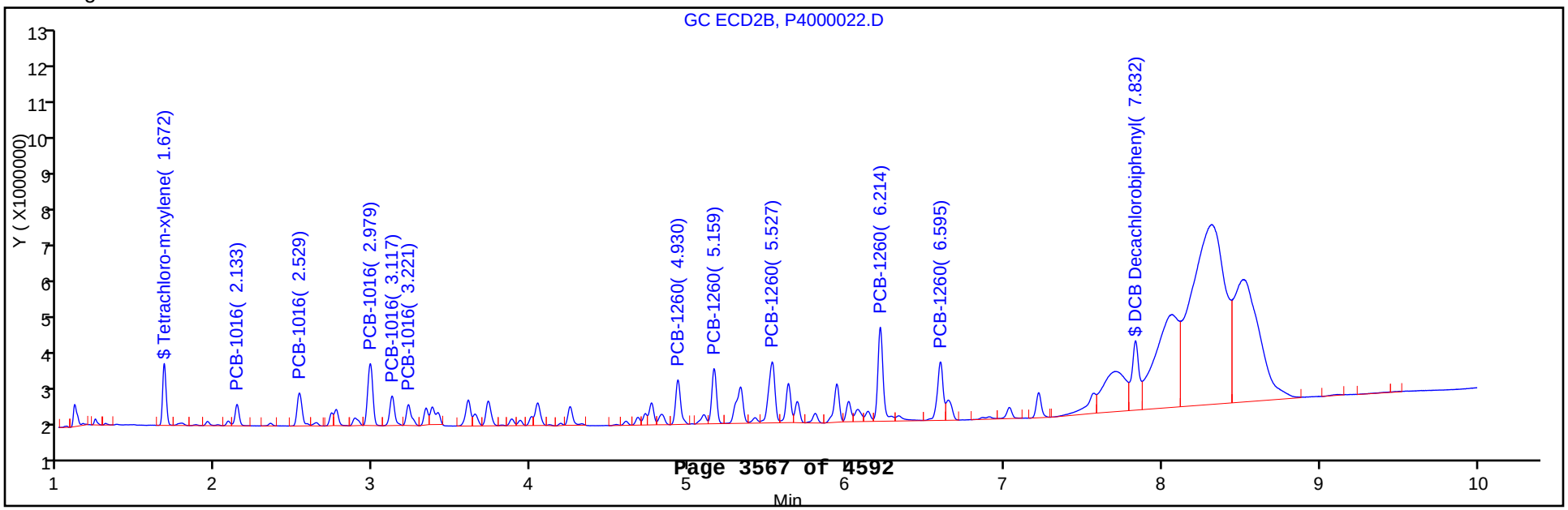
Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000022.D

Injection Date:	24-Dec-2012 14:38:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69978	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69978/22

Matrix: Solid Lab File ID: P4000022.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/24/2012 14:38

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.: 69978 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	0.0650		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	0.0613		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	121		50-150
2051-24-3	DCB Decachlorobiphenyl	261	^ Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\P4000022.D
Lims ID: MRL Client ID:
Inject. Date: 24-Dec-2012 14:38:46 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016145-022
Misc. Info.:
Operator: Instrument ID: A2HP4
Injection Vol: 1.0 uL ALS Bottle#: 22
Lims Batch ID: 69978 Lims Sample ID: 22
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP4\20121224-16145.b\PCB4.m
Last Update: 26-Dec-2012 08:41:26 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: XAWRK029

First Level Reviewer: roachc Date: 26-Dec-2012 08:34:01

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	1.269	1.270	-0.001	3857670	0.002768			
2	2	1.672	1.671	0.001	2735007	0.003025			
						RPD = 8.87			
3 PCB-1221									
1	2		1.401						
1	3		1.509						
1	4		1.538						
2	4		1.946						
2	5		2.077						
2	6		2.133						
5 PCB-1242									
1	100		1.537						
1	2		1.820						
1	3		2.212						
1	4		2.331						
1	5		2.711						
2	6		2.132						
2	7		2.527						
2	8		2.977						
2	9		3.116						
2	10		3.600						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.538						
1	2		1.821						
1	3		2.211						
1	4		2.332						
1	5		2.710						
2	6		2.132						
2	7		2.527						
2	8		2.977						
2	9		3.116						
2	10		3.726						
6 PCB-1016									
1	100	1.539	1.540	-0.001	1497008	0.0606		100.0	
1	2	1.821	1.822	-0.001	2699082	0.0611	152.4- 202.4	180.3	
1	3	2.211	2.213	-0.002	5090307	0.0558	334.6- 384.6	340.0	
1	4	2.332	2.333	-0.001	2211287	0.0547	125.4- 195.4	147.7	
1	5	2.711	2.712	-0.001	2389991	0.0590	136.2- 186.2	159.7	
			Average of Peak Amounts =			0.0582			
2	6	2.133	2.134	-0.001	1107143	0.0700		100.0	
2	7	2.529	2.528	0.001	2081185	0.0662	169.0- 229.0	188.0	
2	8	2.979	2.979	0.000	3944380	0.0624	361.2- 421.2	356.3	
2	9	3.117	3.118	-0.001	1790916	0.0649	144.4- 204.4	161.8	
2	10	3.221	3.221	0.000	1344888	0.0616	108.9- 168.9	121.5	
			Average of Peak Amounts =			0.0650			
						RPD = 10.99			
7 PCB-1248									
1	86		1.820						
1	2		2.210						
1	3		2.710						
1	4		3.287						
1	5		3.720						
2	6		2.526						
2	7		2.977						
2	8		3.726						
2	9		4.000						
2	10		4.722						
8 PCB-1254									
1	100		3.074						
1	2		3.721						
1	3		4.001						
1	4		4.194						
1	5		4.476						
2	6		4.246						
2	7		4.722						
2	8		4.966						
2	9		5.326						
2	10		5.530						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	3.911	3.910	0.001	3550704	0.0598		100.0	
1	2	4.196	4.196	0.000	6355126	0.0592	156.3- 206.3	179.0	
1	3	4.476	4.476	0.000	6396801	0.0580	159.6- 209.6	180.2	
1	4	5.176	5.177	-0.001	7096474	0.0570	183.4- 233.4	199.9	
1	5	5.461	5.461	0.000	3837961	0.0577	87.0- 137.0	108.1	
			Average of Peak Amounts =			0.0583			
2	6	4.930	4.931	-0.001	2790365	0.0613		100.0	
2	7	5.159	5.161	-0.002	3284642	0.0602	86.9- 146.9	117.7	
2	8	5.527	5.529	-0.002	4853034	0.0602	145.2- 205.2	173.9	
2	9	6.214	6.214	0.000	6314335	0.0652	177.4- 237.4	226.3	
2	10	6.595	6.596	-0.001	4296525	0.0598	125.7- 185.7	154.0	
			Average of Peak Amounts =			0.0613			
						RPD = 5.03			
9 PCB-1262									
1	100		4.197						
1	2		4.600						
1	3		4.847						
1	4		5.177						
1	5		5.551						
2	6		5.158						
2	7		5.629						
2	8		5.935						
2	9		6.212						
2	10		6.592						
11 PCB-1268									
1	100		5.509						
1	2		5.545						
1	3		5.746						
1	4		6.123						
1	5		6.422						
2	6		6.591						
2	7		6.639						
2	8		6.904						
2	9		7.217						
2	10		7.560						
$ 12 DCB Decachlorobiphenyl									
1	100	6.619	6.619	0.000	3879581	0.002985			
2	2	7.832	7.833	-0.001	6458232	0.006516			
						RPD = 74.33			

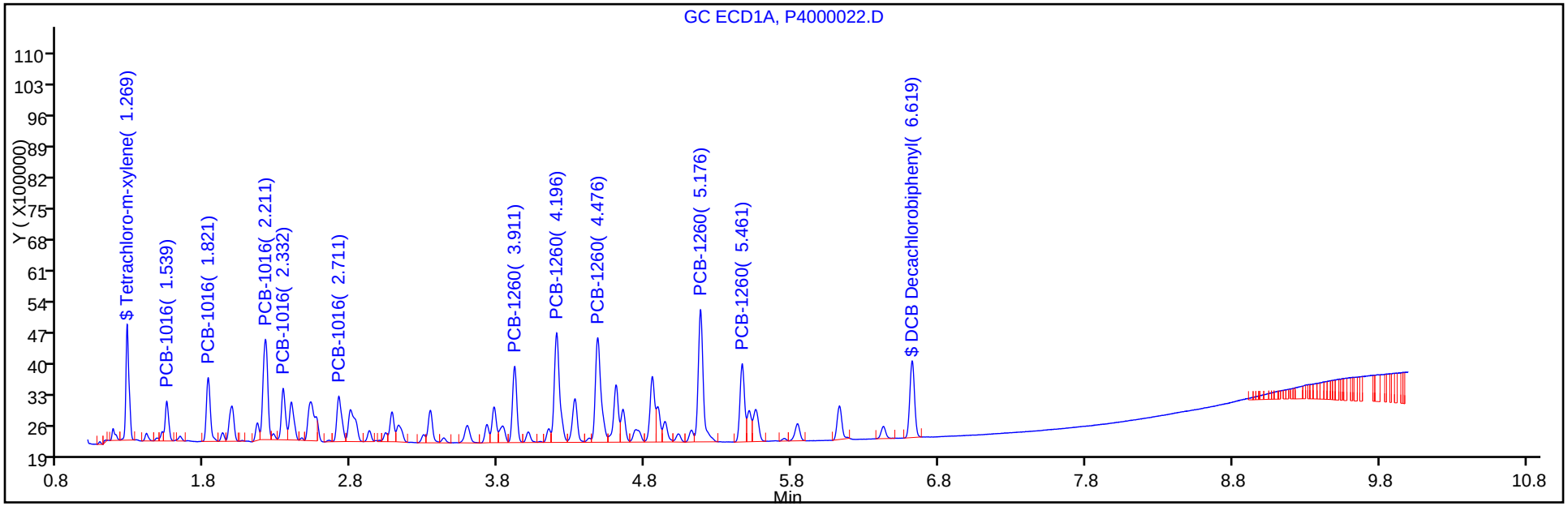
Report Date: 26-Dec-2012 08:41:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

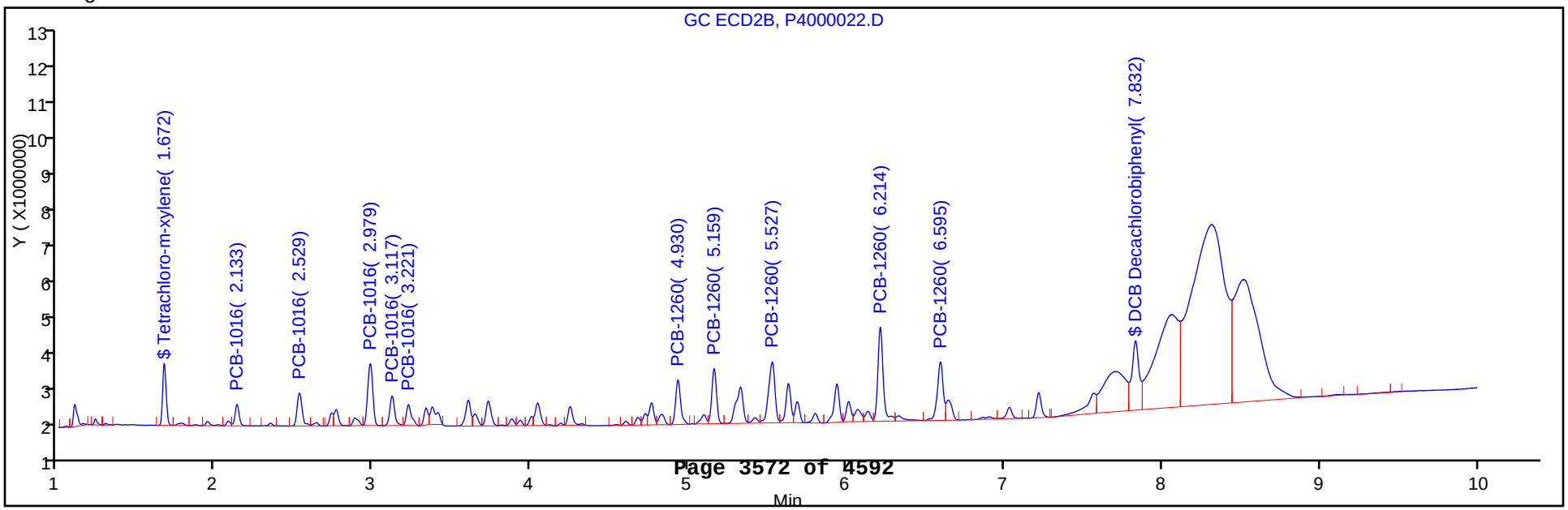
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Injection Date:	24-Dec-2012 14:38:46	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP4
Lims Batch ID:	69978	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

SDG No.:

Instrument ID: A2HP13 Start Date: 12/18/2012 08:26

Analysis Batch Number: 69119 End Date: 12/18/2012 10:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-69119/3 CCVRT		12/18/2012 08:26	1	P1300003.D	CLP-1 0.53(mm)
CCV 240-69119/3 CCVRT		12/18/2012 08:26	1	P1300003.D	CLP-2 0.53(mm)
MRL 240-69119/4		12/18/2012 08:41	1	P1300004.D	CLP-1 0.53(mm)
MRL 240-69119/4		12/18/2012 08:41	1	P1300004.D	CLP-2 0.53(mm)
240-18703-24	076-0140-0001-ER	12/18/2012 08:56	1	P1300005.D	CLP-1 0.53(mm)
240-18703-24	076-0140-0001-ER	12/18/2012 08:56	1	P1300005.D	CLP-2 0.53(mm)
ZZZZZ		12/18/2012 09:11	1		CLP-1 0.53(mm)
ZZZZZ		12/18/2012 09:11	1		CLP-2 0.53(mm)
ZZZZZ		12/18/2012 09:26	1		CLP-1 0.53(mm)
ZZZZZ		12/18/2012 09:26	1		CLP-2 0.53(mm)
MB 240-68553/4-A		12/18/2012 09:41	1	P1300008.D	CLP-1 0.53(mm)
MB 240-68553/4-A		12/18/2012 09:41	1	P1300008.D	CLP-2 0.53(mm)
LCS 240-68553/5-A		12/18/2012 09:56	1	P1300009.D	CLP-1 0.53(mm)
LCS 240-68553/5-A		12/18/2012 09:56	1	P1300009.D	CLP-2 0.53(mm)
CCV 240-69119/10		12/18/2012 10:11	1	P1300010.D	CLP-1 0.53(mm)
CCV 240-69119/10		12/18/2012 10:11	1	P1300010.D	CLP-2 0.53(mm)
MRL 240-69119/11		12/18/2012 10:26	1	P1300011.D	CLP-1 0.53(mm)
MRL 240-69119/11		12/18/2012 10:26	1	P1300011.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

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.: 240-18703-1

SDG No.:

Instrument ID: A2HP4 Start Date: 12/22/2012 02:03

Analysis Batch Number: 69879 End Date: 12/22/2012 11:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-69879/3 CCVRT		12/22/2012 02:03	1	P4000003.D	CLP-1 0.53(mm)
CCV 240-69879/3 CCVRT		12/22/2012 02:03	1	P4000003.D	CLP-2 0.53(mm)
ZZZZZ		12/22/2012 03:53	1		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 03:53	1		CLP-2 0.53(mm)
MB 240-69585/23-A		12/22/2012 06:30	1	P4000020.D	CLP-1 0.53(mm)
MB 240-69585/23-A		12/22/2012 06:30	1	P4000020.D	CLP-2 0.53(mm)
CCV 240-69879/21		12/22/2012 06:46	1	P4000021.D	CLP-1 0.53(mm)
CCV 240-69879/21		12/22/2012 06:46	1	P4000021.D	CLP-2 0.53(mm)
ZZZZZ		12/22/2012 09:23	1		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 09:23	1		CLP-2 0.53(mm)
CCV 240-69879/32		12/22/2012 09:39	1		CLP-1 0.53(mm)
CCV 240-69879/32		12/22/2012 09:39	1		CLP-2 0.53(mm)
ZZZZZ		12/22/2012 10:26	1		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 10:26	1		CLP-2 0.53(mm)
ZZZZZ		12/22/2012 10:42	1		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 10:42	1		CLP-2 0.53(mm)
ZZZZZ		12/22/2012 10:58	1		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 10:58	1		CLP-2 0.53(mm)
CCV 240-69879/38		12/22/2012 11:14	1		CLP-1 0.53(mm)
CCV 240-69879/38		12/22/2012 11:14	1		CLP-2 0.53(mm)
MRL 240-69879/39		12/22/2012 11:29	1	P4000039.D	CLP-1 0.53(mm)
MRL 240-69879/39		12/22/2012 11:29	1	P4000039.D	CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Instrument ID: A2HP4 Start Date: 12/24/2012 09:39

Analysis Batch Number: 69978 End Date: 12/24/2012 14:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-69978/3 CCVRT		12/24/2012 09:39	1	P4000003.D	CLP-1 0.53(mm)
CCV 240-69978/3 CCVRT		12/24/2012 09:39	1	P4000003.D	CLP-2 0.53(mm)
MRL 240-69978/10		12/24/2012 11:29	1	P4000010.D	CLP-1 0.53(mm)
MRL 240-69978/10		12/24/2012 11:29	1	P4000010.D	CLP-2 0.53(mm)
240-18703-8	072SB-0082-0001-SO	12/24/2012 13:20	1	P4000017.D	CLP-1 0.53(mm)
240-18703-8	072SB-0082-0001-SO	12/24/2012 13:20	1	P4000017.D	CLP-2 0.53(mm)
240-18703-18	072SB-0075-0001-SO	12/24/2012 13:35	1	P4000018.D	CLP-1 0.53(mm)
240-18703-18	072SB-0075-0001-SO	12/24/2012 13:35	1	P4000018.D	CLP-2 0.53(mm)
ZZZZZ		12/24/2012 13:51	1		CLP-1 0.53(mm)
ZZZZZ		12/24/2012 13:51	1		CLP-2 0.53(mm)
LCS 240-69585/24-A		12/24/2012 14:07	1	P4000020.D	CLP-1 0.53(mm)
LCS 240-69585/24-A		12/24/2012 14:07	1	P4000020.D	CLP-2 0.53(mm)
CCV 240-69978/21		12/24/2012 14:23	1	P4000021.D	CLP-1 0.53(mm)
CCV 240-69978/21		12/24/2012 14:23	1	P4000021.D	CLP-2 0.53(mm)
MRL 240-69978/22		12/24/2012 14:38	1	P4000022.D	CLP-1 0.53(mm)
MRL 240-69978/22		12/24/2012 14:38	1	P4000022.D	CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Batch Number: 68553 Batch Start Date: 12/13/12 12:45 Batch Analyst: Coast, Chris

Batch Method: 3520C Batch End Date: 12/14/12 06:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	EX10PPMSPK 00006	EX2/.2SURRW 00020	AnalysisComment
240-18703-K-24	076-0140-0001-ER	3520C, 8082/DOD	T	1050 mL	5 mL	7		1 mL	assoc sample with batch # 68554
MB 240-68553/4		3520C, 8082/DOD		1000 mL	5 mL	7		1 mL	
LCS 240-68553/5		3520C, 8082/DOD		1000 mL	5 mL	7	0.5 mL	1 mL	

Batch Notes	
Acid used for Clean Up Reagent	724997
Person's name who did the concentration	ac/bm
Exchange Solvent Lot #	671347
Na2SO4 Lot Number	677238
Prep Solvent Lot #	781160

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.: 240-18703-1

SDG No.:

Batch Number: 69585 Batch Start Date: 12/20/12 15:10 Batch Analyst: Earle, Steve

Batch Method: 3540C Batch End Date: 12/21/12 07:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX10PPMSPK 00006	EX2/.2SURRW 00020	AnalysisComment	
240-18703-H-8	072SB-0082-0001-SO	3540C, 8082/DOD	T	29.70 g	10 mL		1 mL	Associated w/ 69596	
240-18703-K-18	072SB-0075-0001-SO	3540C, 8082/DOD	T	30.22 g	10 mL		1 mL	Associated w/ 69596	
MB 240-69585/23		3540C, 8082/DOD		30.00 g	10 mL		1 mL	Associated w/ 69596	
LCS 240-69585/24		3540C, 8082/DOD		30.00 g	10 mL	1 mL	1 mL		

Batch Notes	
Acid used for Clean Up Reagent	724998
Balance ID	b037
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 8151 DOD

Herbicides (GC) by Method 8151A/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCPA1	#	DCPA2	#
072SB-0075-0001-SO	240-18703-18	72		78	
072SB-0076-0001-SO	240-18703-19	69		75	
072SB-0077-0001-SO	240-18703-20	69		76	
072SB-0079-0001-SO	240-18703-21	76		80	
072SB-0080-0001-SO	240-18703-22	68		77	
072SB-0081-0001-SO	240-18703-23	72		82	
	MB 240-69221/23-A	73		80	
	LCS 240-69221/24-A	78		88	
	MRL 240-69890/17	124	Q	123	Q
	MRL 240-69890/46	136	Q	133	Q

	QC LIMITS
DCPA = 2,4-Dichlorophenylacetic acid	19-122

Column to be used to flag recovery values

FORM II 8151/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCPA1	#	DCPA2	#
076-0140-0001-ER	240-18703-24	69		84	
	MB 240-68522/21-A	73		87	
	LCS 240-68522/22-A	89		98	
	MRL 240-68956/12	116	Q	117	Q
	MRL 240-68956/21	122	Q	119	Q

	QC LIMITS
DCPA = 2,4-Dichlorophenylacetic acid	32-112

Column to be used to flag recovery values

FORM II 8151/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1000018.D

Lab ID: LCS 240-68522/22-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
2,4-D	40.0	39.2	98	35-115	
Dalapon	20.0	15.7	79	40-110	
2,4-DB	40.0	33.4	83	45-130	
Dicamba	20.0	18.6	93	60-110	
Dichlorprop	40.0	47.0	117	70-120	
Dinoseb	6.00	4.62	77	20-110	
MCPA	4000	3970	99	60-145	
Silvex (2,4,5-TP)	10.0	9.39	94	50-115	
2,4,5-T	10.0	9.47	95	35-110	

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1000045.D

Lab ID: LCS 240-69221/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
2,4-D	667	603	90	35-145	
Dalapon	333	234	70	30-122	
2,4-DB	667	558	84	50-155	
Dicamba	333	285	86	55-110	
Dichlorprop	667	761	114	75-140	
Dinoseb	100	13.2	13	5-130	
MCPA	66700	63500	95	25-132	
Silvex (2,4,5-TP)	167	144	86	45-125	
2,4,5-T	167	146	88	45-135	

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1000012.D

Lab ID: MRL 240-68956/12 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2,4-D	0.0200	0.0195	98	70-130	
2,4-D	0.0200	0.0212	106	70-130	
Dalapon	0.0100	0.0125	125	70-130	
Dalapon	0.0100	0.0124	124	70-130	
2,4-DB	0.0200	0.0173	87	70-130	
2,4-DB	0.0200	0.00287 J	14	70-130	^
Dicamba	0.0100	0.0117	117	70-130	
Dicamba	0.0100	0.0117	117	70-130	
Dichlorprop	0.0200	0.0241	120	70-130	
Dichlorprop	0.0200	0.0234	117	70-130	
Dinoseb	0.00300	0.00348	116	70-130	
Dinoseb	0.00300	0.00330	110	70-130	
MCPA	2.00	1.04	52	70-130	^
MCPA	2.00	1.38	69	70-130	^
Silvex (2,4,5-TP)	0.00500	0.00523	105	70-130	
Silvex (2,4,5-TP)	0.00500	0.00538	108	70-130	
2,4,5-T	0.00500	0.00442	88	70-130	
2,4,5-T	0.00500	0.00507	101	70-130	

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P1000021.D

Lab ID: MRL 240-68956/21 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2,4-D	0.0200	0.0203	102	70-130	
2,4-D	0.0200	0.0214	107	70-130	
Dalapon	0.0100	0.0126	126	70-130	
Dalapon	0.0100	0.0126	126	70-130	
2,4-DB	0.0200	0.0198	99	70-130	
2,4-DB	0.0200	0.0219	109	70-130	
Dicamba	0.0100	0.0122	122	70-130	
Dicamba	0.0100	0.0119	119	70-130	
Dichlorprop	0.0200	0.0248	124	70-130	
Dichlorprop	0.0200	0.0244	122	70-130	
Dinoseb	0.00300	0.00370	123	70-130	
Dinoseb	0.00300	0.00358	119	70-130	
MCPA	2.00	1.20	60	70-130	^
MCPA	2.00	1.40	70	70-130	
Silvex (2,4,5-TP)	0.00500	0.00541	108	70-130	
Silvex (2,4,5-TP)	0.00500	0.00570	114	70-130	
2,4,5-T	0.00500	0.00479	96	70-130	
2,4,5-T	0.00500	0.00510	102	70-130	M

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1000017.D

Lab ID: MRL 240-69890/17 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2,4-D	0.0200	0.0217	108	70-130	
2,4-D	0.0200	0.0221	110	70-130	
Dalapon	0.0100	0.0123	123	70-130	
Dalapon	0.0100	0.0119	119	70-130	
2,4-DB	0.0200	0.0202	101	70-130	
2,4-DB	0.0200	0.0211	106	70-130	
Dicamba	0.0100	0.0122	122	70-130	
Dicamba	0.0100	0.0115	115	70-130	
Dichlorprop	0.0200	0.0248	124	70-130	
Dichlorprop	0.0200	0.0242	121	70-130	
Dinoseb	0.00300	0.00326	109	70-130	
Dinoseb	0.00300	0.00310	103	70-130	
MCPA	2.00	1.06	53	70-130	^
MCPA	2.00	1.11	56	70-130	^
Silvex (2,4,5-TP)	0.00500	0.00542	108	70-130	
Silvex (2,4,5-TP)	0.00500	0.00538	108	70-130	
2,4,5-T	0.00500	0.00482	96	70-130	
2,4,5-T	0.00500	0.00518	104	70-130	M

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1000046.D

Lab ID: MRL 240-69890/46 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2,4-D	0.0200	0.0243	121	70-130	
2,4-D	0.0200	0.0244	122	70-130	
Dalapon	0.0100	0.0119	119	70-130	
Dalapon	0.0100	0.0127	127	70-130	
2,4-DB	0.0200	0.0230	115	70-130	
2,4-DB	0.0200	0.0241	121	70-130	
Dicamba	0.0100	0.0130	130	70-130	
Dicamba	0.0100	0.0125	125	70-130	
Dichlorprop	0.0200	0.0275	138	70-130	^
Dichlorprop	0.0200	0.0278	139	70-130	^
Dinoseb	0.00300	0.00384	128	70-130	
Dinoseb	0.00300	0.00371	124	70-130	
MCPA	2.00	1.46	73	70-130	
MCPA	2.00	1.56	78	70-130	
Silvex (2,4,5-TP)	0.00500	0.00583	117	70-130	
Silvex (2,4,5-TP)	0.00500	0.00597	119	70-130	
2,4,5-T	0.00500	0.00551	110	70-130	
2,4,5-T	0.00500	0.00593	119	70-130	

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: MB 240-68522/21-A

Matrix: Water Date Extracted: 12/13/2012 09:53

Lab File ID:(1) P1000017.D Lab File ID:(2) P1000017.D

Date Analyzed:(1) 12/17/2012 16:16 Date Analyzed:(2) 12/17/2012 16:16

Instrument ID:(1) A2HP1 Instrument ID:(2) A2HP1

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
076-0140-0001-ER	240-18703-24	12/17/2012 15:53	12/17/2012 15:53
	LCS 240-68522/22-A	12/17/2012 16:40	12/17/2012 16:40

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Lab Sample ID: MB 240-69221/23-A

Matrix: Solid Date Extracted: 12/18/2012 11:08

Lab File ID:(1) P1000044.D Lab File ID:(2) P1000044.D

Date Analyzed:(1) 12/23/2012 03:56 Date Analyzed:(2) 12/23/2012 03:56

Instrument ID:(1) A2HP1 Instrument ID:(2) A2HP1

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
072SB-0075-0001-SO	240-18703-18	12/22/2012 20:29	12/22/2012 20:29
072SB-0076-0001-SO	240-18703-19	12/22/2012 20:53	12/22/2012 20:53
072SB-0077-0001-SO	240-18703-20	12/22/2012 21:16	12/22/2012 21:16
072SB-0079-0001-SO	240-18703-21	12/22/2012 22:27	12/22/2012 22:27
072SB-0080-0001-SO	240-18703-22	12/22/2012 22:50	12/22/2012 22:50
072SB-0081-0001-SO	240-18703-23	12/22/2012 23:14	12/22/2012 23:14
	LCS 240-69221/24-A	12/23/2012 04:19	12/23/2012 04:19

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-68956/5 Date Analyzed: 12/17/2012 11:33

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1000005.D Heated Purge: (Y/N) N

Calibration ID: 12573

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPA RT #		
CONTINUING CALIBRATION SURROGATE				7.00		
UPPER LIMIT				7.02		
LOWER LIMIT				6.98		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-68956/5 CCVRT		12/17/2012 11:33	P1000005.D	7.00		
CCV 240-68956/10		12/17/2012 13:31	P1000010.D	7.00		
240-18703-24	076-0140-0001-ER	12/17/2012 15:53	P1000016.D	7.01		
MB 240-68522/21-A		12/17/2012 16:16	P1000017.D	7.01		
LCS 240-68522/22-A		12/17/2012 16:40	P1000018.D	7.00		
CCV 240-68956/19		12/17/2012 17:03	P1000019.D	7.00		

DCPA = 2,4-Dichlorophenylacetic acid

DCPA RT Limit = ± 0.02 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8151/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-68956/5 Date Analyzed: 12/17/2012 11:33

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1000005.D Heated Purge: (Y/N) N

Calibration ID: 12574

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPA RT #		
CONTINUING CALIBRATION SURROGATE				7.64		
UPPER LIMIT				7.66		
LOWER LIMIT				7.62		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-68956/5 CCVRT		12/17/2012 11:33	P1000005.D	7.64		
CCV 240-68956/10		12/17/2012 13:31	P1000010.D	7.64		
240-18703-24	076-0140-0001-ER	12/17/2012 15:53	P1000016.D	7.64		
MB 240-68522/21-A		12/17/2012 16:16	P1000017.D	7.64		
LCS 240-68522/22-A		12/17/2012 16:40	P1000018.D	7.64		
CCV 240-68956/19		12/17/2012 17:03	P1000019.D	7.64		

DCPA = 2,4-Dichlorophenylacetic acid

DCPA RT Limit = ± 0.02 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8151/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69890/5 Date Analyzed: 12/22/2012 12:38

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1000005.D Heated Purge: (Y/N) N

Calibration ID: 12573

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPA RT #		
CONTINUING CALIBRATION SURROGATE				6.96		
UPPER LIMIT				6.98		
LOWER LIMIT				6.94		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-69890/5 CCVRT		12/22/2012 12:38	P1000005.D	6.96		
CCV 240-69890/15		12/22/2012 16:34	P1000015.D	6.96		
240-18703-18	072SB-0075-0001-SO	12/22/2012 20:29	P1000025.D	6.96		
240-18703-19	072SB-0076-0001-SO	12/22/2012 20:53	P1000026.D	6.96		
240-18703-20	072SB-0077-0001-SO	12/22/2012 21:16	P1000027.D	6.96		
CCV 240-69890/28		12/22/2012 21:40	P1000028.D	6.96		
240-18703-21	072SB-0079-0001-SO	12/22/2012 22:27	P1000030.D	6.96		
240-18703-22	072SB-0080-0001-SO	12/22/2012 22:50	P1000031.D	6.96		
240-18703-23	072SB-0081-0001-SO	12/22/2012 23:14	P1000032.D	6.96		
CCV 240-69890/39		12/23/2012 01:59	P1000039.D	6.96		
MB 240-69221/23-A		12/23/2012 03:56	P1000044.D	6.96		
LCS 240-69221/24-A		12/23/2012 04:19	P1000045.D	6.96		
CCV 240-69890/48		12/23/2012 05:30	P1000048.D	6.97		

DCPA = 2,4-Dichlorophenylacetic acid

DCPA RT Limit = ± 0.02 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8151/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Sample No.: CCV 240-69890/5 Date Analyzed: 12/22/2012 12:38

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1000005.D Heated Purge: (Y/N) N

Calibration ID: 12574

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPA RT #		
CONTINUING CALIBRATION SURROGATE				7.61		
UPPER LIMIT				7.63		
LOWER LIMIT				7.59		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-69890/5 CCVRT		12/22/2012 12:38	P1000005.D	7.61		
CCV 240-69890/15		12/22/2012 16:34	P1000015.D	7.62		
240-18703-18	072SB-0075-0001-SO	12/22/2012 20:29	P1000025.D	7.62		
240-18703-19	072SB-0076-0001-SO	12/22/2012 20:53	P1000026.D	7.62		
240-18703-20	072SB-0077-0001-SO	12/22/2012 21:16	P1000027.D	7.62		
CCV 240-69890/28		12/22/2012 21:40	P1000028.D	7.62		
240-18703-21	072SB-0079-0001-SO	12/22/2012 22:27	P1000030.D	7.63		
240-18703-22	072SB-0080-0001-SO	12/22/2012 22:50	P1000031.D	7.61		
240-18703-23	072SB-0081-0001-SO	12/22/2012 23:14	P1000032.D	7.61		
CCV 240-69890/39		12/23/2012 01:59	P1000039.D	7.61		
MB 240-69221/23-A		12/23/2012 03:56	P1000044.D	7.61		
LCS 240-69221/24-A		12/23/2012 04:19	P1000045.D	7.61		
CCV 240-69890/48		12/23/2012 05:30	P1000048.D	7.61		

DCPA = 2,4-Dichlorophenylacetic acid

DCPA RT Limit = ± 0.02 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8151/DOD

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68522/22-A

Instrument ID (1): A2HP1 Instrument ID (2): A2HP1

Date Analyzed (1): 12/17/2012 16:40 Date Analyzed (2): 12/17/2012 16:40

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Dalapon	1		1.26	1.24	1.28	15.7		12.7
	2		1.40	1.37	1.41	17.9		
Dicamba	1		7.17	7.15	7.19	18.6		8.6
	2		7.80	7.78	7.82	20.3		
MCPP	1		7.45	7.43	7.47	4060		2.9
	2		7.99	7.97	8.01	4180		
MCPA	1		7.62	7.60	7.64	3970		7.7
	2		8.24	8.22	8.26	4290		
Dichlorprop	1		7.99	7.97	8.01	47.0		7.8
	2		8.60	8.58	8.62	50.8		
2,4-D	1		8.23	8.21	8.25	39.2		0.5
	2		8.96	8.94	8.98	39.4		
Pentachlorophenol	1		8.32	8.30	8.34	6.89		7.6
	2		9.26	9.24	9.28	6.38		
Silvex (2,4,5-TP)	1		9.11	9.09	9.13	9.39		6.5
	2		9.90	9.88	9.92	10.0		
2,4,5-T	1		9.42	9.41	9.45	9.47		5.3
	2		10.38	10.36	10.40	9.98		
2,4-DB	1		10.06	10.04	10.08	33.4		2.7
	2		11.03	11.01	11.05	34.3		
Dinoseb	1		11.27	11.24	11.30	4.62		3.2
	2		11.41	11.38	11.44	4.77		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69221/24-A

Instrument ID (1): A2HP1 Instrument ID (2): A2HP1

Date Analyzed (1): 12/23/2012 04:19 Date Analyzed (2): 12/23/2012 04:19

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Dalapon	1		1.24	1.22	1.26	204		13.5
	2		1.37	1.35	1.39	234		
Dicamba	1		7.13	7.11	7.15	265		7.3
	2		7.77	7.75	7.79	285		
MCPP	1		7.41	7.39	7.43	56100		1.1
	2		7.96	7.94	7.98	56800		
MCPA	1		7.58	7.56	7.60	56800		11.2
	2		8.21	8.19	8.23	63500		
Dichlorprop	1		7.95	7.93	7.97	682		10.9
	2		8.57	8.55	8.59	761		
2,4-D	1		8.18	8.16	8.20	624		3.5
	2		8.92	8.90	8.94	603		
Pentachlorophenol	1		8.27	8.25	8.29	80.4		10.8
	2		9.22	9.20	9.24	72.1		
Silvex (2,4,5-TP)	1		9.06	9.04	9.08	140		3.0
	2		9.86	9.84	9.88	144		
2,4,5-T	1		9.37	9.35	9.39	144		1.4
	2		10.34	10.32	10.36	146		
2,4-DB	1		10.00	9.98	10.02	570		2.1
	2		10.98	10.97	11.01	558		
Dinoseb	1		11.21	11.18	11.24	13.5		2.1
	2		11.36	11.33	11.39	13.2		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO Lab Sample ID: 240-18703-18

Matrix: Solid Lab File ID: P1000025.D

Analysis Method: 8151/DOD Date Collected: 12/10/2012 13:45

Extraction Method: 8151A Date Extracted: 12/18/2012 11:08

Sample wt/vol: 30.37(g) Date Analyzed: 12/22/2012 20:29

Con. Extract Vol.: 100(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69890 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	72		19-122

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000025.D		
Lims ID:	240-18703-K-18-A	Client ID:	072SB-0075-0001-SO
Inject. Date:	22-Dec-2012 20:29:35	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016119-025		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	25
Lims Batch ID:	69890	Lims Sample ID:	25
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\8151_1.m		
Last Update:	26-Dec-2012 15:31:16	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.233				
2		1.378				
$ 4 2,4-Dichlorophenylacetic acid						
1	6.960	6.958	0.002	21600055	0.1449	
2	7.623	7.617	0.006	9693422	0.1561	
					RPD = 7.47	
6 Dicamba						1
1		7.125				
2		7.784				
10 MCPP						1
1		7.410				
2		7.968				
9 MCPA						1
1		7.572				
2		8.221				
7 Dichlorprop						1
1		7.943				
2		8.580				
2 2,4-D						
1		8.182				
2		8.937				
11 Pentachlorophenol						
1		8.269				
2		9.231				
12 Silvex (2,4,5-TP)						1
1		9.054				
2		9.873				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.369				
2		10.352				
3	2,4-DB					1
1		9.998				
2		11.002				
8	Dinoseb					1
1		11.202				
2		11.378				

QC Flag Legend

Processing Flags
1 - Missing Peaks

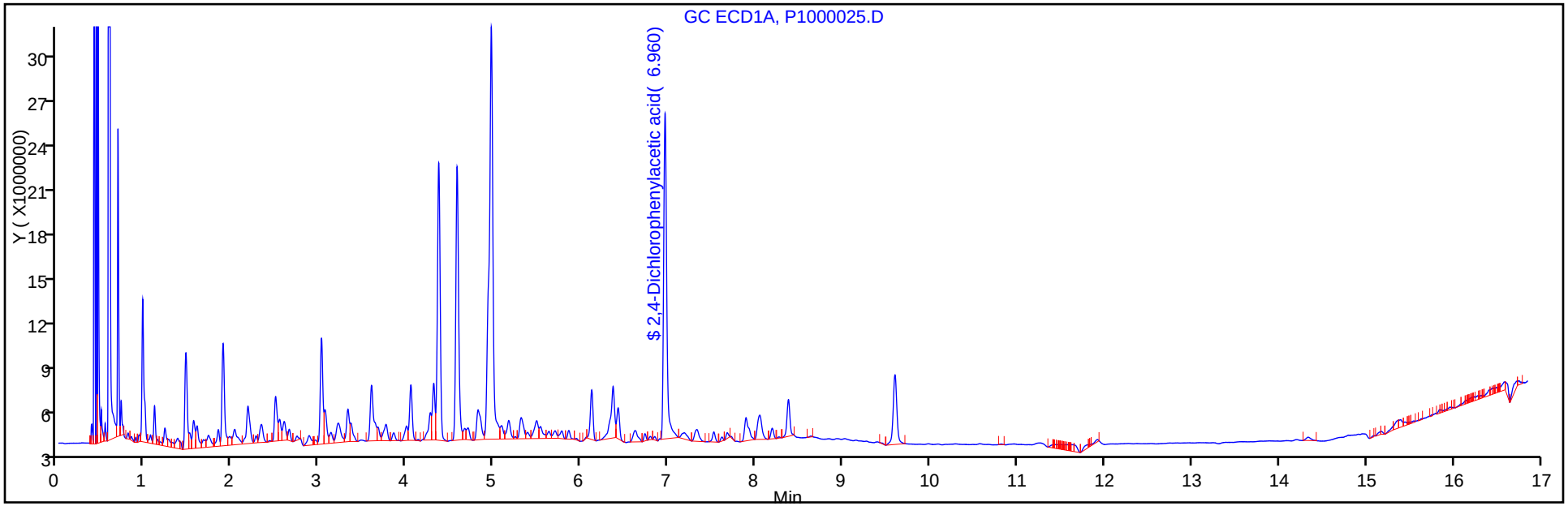
Report Date: 26-Dec-2012 15:31:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

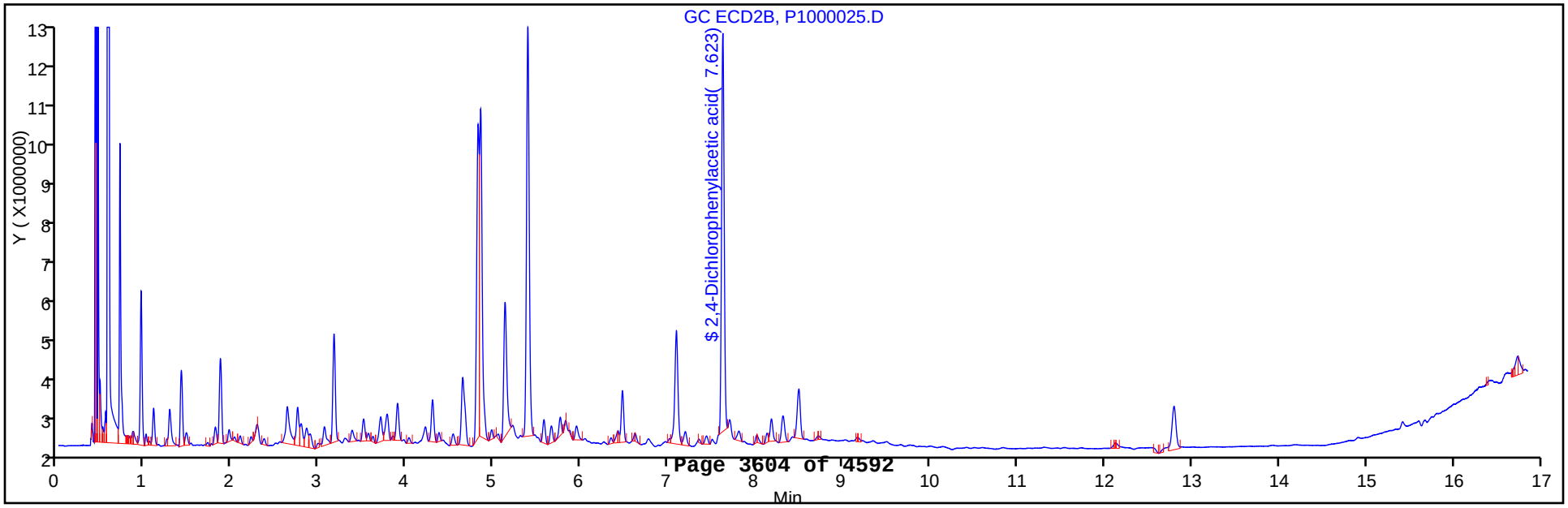
Data File: \\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000025.D

Injection Date:	22-Dec-2012 20:29:35	Limit Group:	GC 8151 DOD
Client ID:	072SB-0075-0001-SO	Instrument ID:	A2HP1
Lims Batch ID:	69890	Lims Sample ID:	25
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0075-0001-SO | Lab Sample ID: 240-18703-18

Matrix: Solid | Lab File ID: P1000025.D

Analysis Method: 8151/DOD | Date Collected: 12/10/2012 13:45

Extraction Method: 8151A | Date Extracted: 12/18/2012 11:08

Sample wt/vol: 30.37(g) | Date Analyzed: 12/22/2012 20:29

Con. Extract Vol.: 100(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69890 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	38	U	91	38	21
75-99-0	Dalapon	19	U	45	19	8.8
94-82-6	2,4-DB	38	U	91	38	24
1918-00-9	Dicamba	19	U	45	19	9.2
120-36-5	Dichlorprop	76	U	91	76	42
88-85-7	Dinoseb	11	U	14	11	11
94-74-6	MCPA	3800	U	9100	3800	1900
93-65-2	MCPP	3800	U	9100	3800	1700
87-86-5	Pentachlorophenol	9.4	U	11	9.4	4.9
93-72-1	Silvex (2,4,5-TP)	9.4	U	23	9.4	4.7
93-76-5	2,4,5-T	9.4	U	23	9.4	4.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	78		19-122

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000025.D		
Lims ID:	240-18703-K-18-A	Client ID:	072SB-0075-0001-SO
Inject. Date:	22-Dec-2012 20:29:35	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016119-025		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	25
Lims Batch ID:	69890	Lims Sample ID:	25
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\8151_1.m		
Last Update:	26-Dec-2012 15:31:16	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.233				
2		1.378				
$ 4 2,4-Dichlorophenylacetic acid						
1	6.960	6.958	0.002	21600055	0.1449	
2	7.623	7.617	0.006	9693422	0.1561	
					RPD = 7.47	
6 Dicamba						1
1		7.125				
2		7.784				
10 MCPP						1
1		7.410				
2		7.968				
9 MCPA						1
1		7.572				
2		8.221				
7 Dichlorprop						1
1		7.943				
2		8.580				
2 2,4-D						
1		8.182				
2		8.937				
11 Pentachlorophenol						
1		8.269				
2		9.231				
12 Silvex (2,4,5-TP)						1
1		9.054				
2		9.873				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.369				
2		10.352				
3	2,4-DB					1
1		9.998				
2		11.002				
8	Dinoseb					1
1		11.202				
2		11.378				

QC Flag Legend

Processing Flags
1 - Missing Peaks

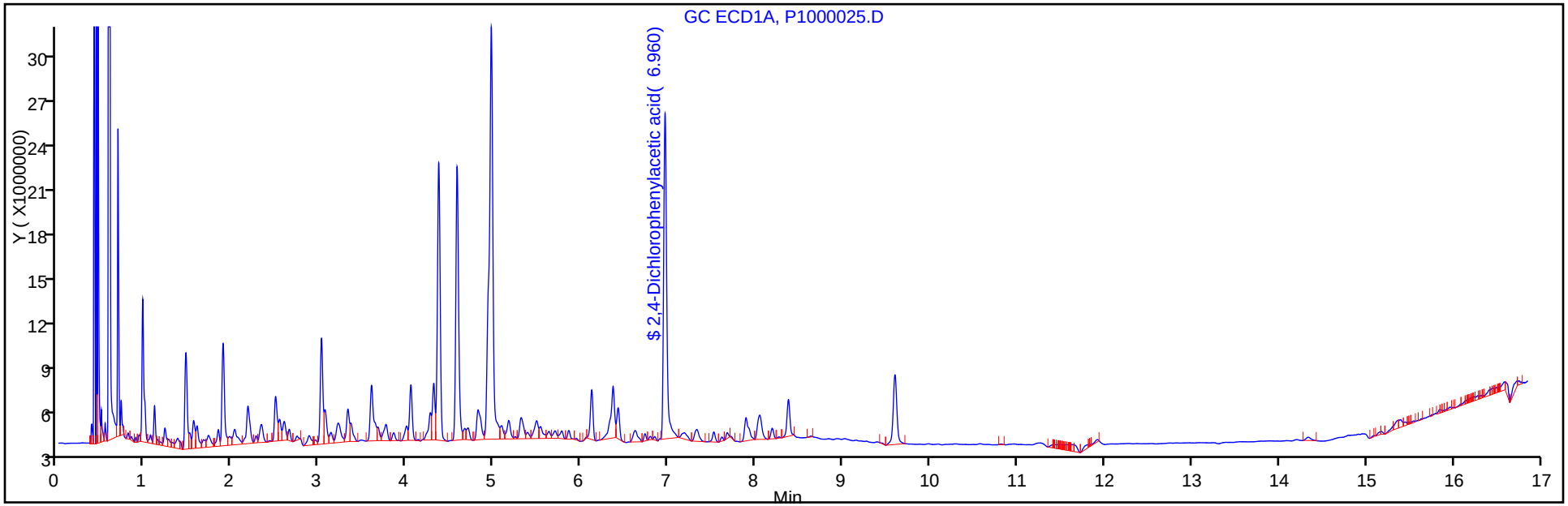
Report Date: 26-Dec-2012 15:31:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

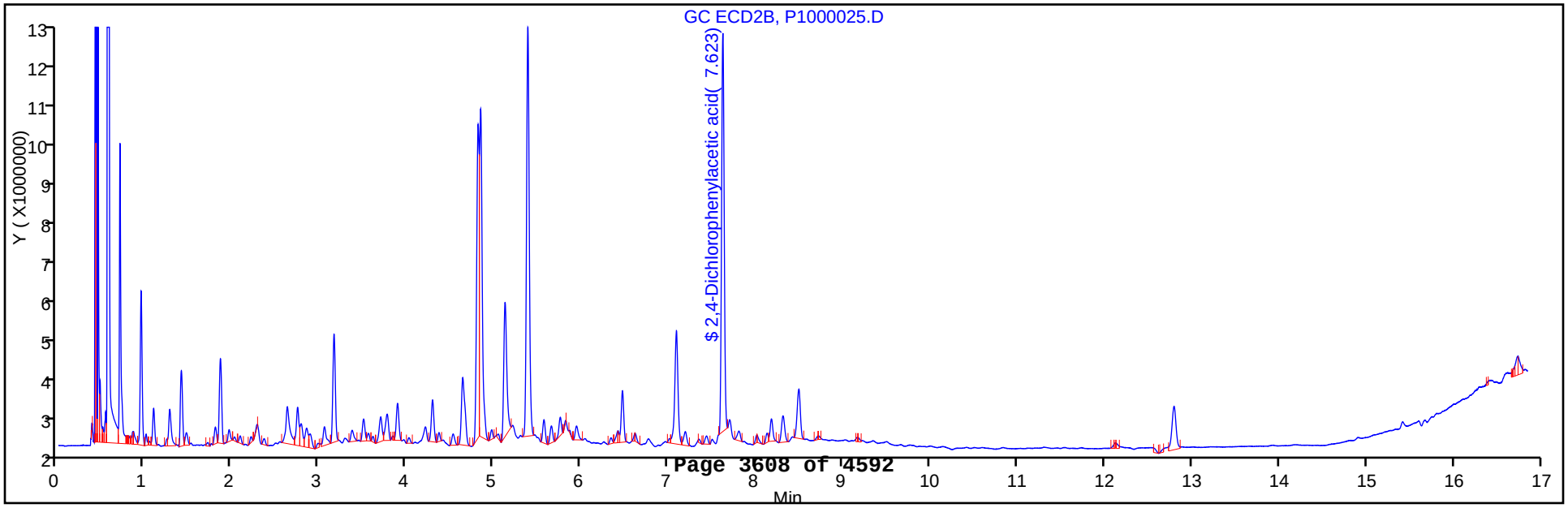
Data File: \\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000025.D

Injection Date:	22-Dec-2012 20:29:35	Limit Group:	GC 8151 DOD
Client ID:	072SB-0075-0001-SO	Instrument ID:	A2HP1
Lims Batch ID:	69890	Lims Sample ID:	25
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0076-0001-SO Lab Sample ID: 240-18703-19

Matrix: Solid Lab File ID: P1000026.D

Analysis Method: 8151/DOD Date Collected: 12/10/2012 14:00

Extraction Method: 8151A Date Extracted: 12/18/2012 11:08

Sample wt/vol: 29.99(g) Date Analyzed: 12/22/2012 20:53

Con. Extract Vol.: 100(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69890 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	69		19-122

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000026.D		
Lims ID:	240-18703-I-19-A	Client ID:	072SB-0076-0001-SO
Inject. Date:	22-Dec-2012 20:53:09	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016119-026		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	26
Lims Batch ID:	69890	Lims Sample ID:	26
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\8151_1.m		
Last Update:	26-Dec-2012 15:31:16	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.233				
2		1.378				
$ 4 2,4-Dichlorophenylacetic acid						
1	6.960	6.958	0.002	20639776	0.1385	
2	7.623	7.617	0.006	9318636	0.1501	
					RPD = 8.08	
6 Dicamba						1
1		7.125				
2		7.784				
10 MCPP						1
1		7.410				
2		7.968				
9 MCPA						1
1		7.572				
2		8.221				
7 Dichlorprop						1
1		7.943				
2		8.580				
2 2,4-D						
1		8.182				
2		8.937				
11 Pentachlorophenol						1
1		8.269				
2		9.231				
12 Silvex (2,4,5-TP)						1
1		9.054				
2		9.873				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.369				
2		10.352				
3	2,4-DB					1
1		9.998				
2		11.002				
8	Dinoseb					1
1		11.202				
2		11.378				

QC Flag Legend

Processing Flags
1 - Missing Peaks

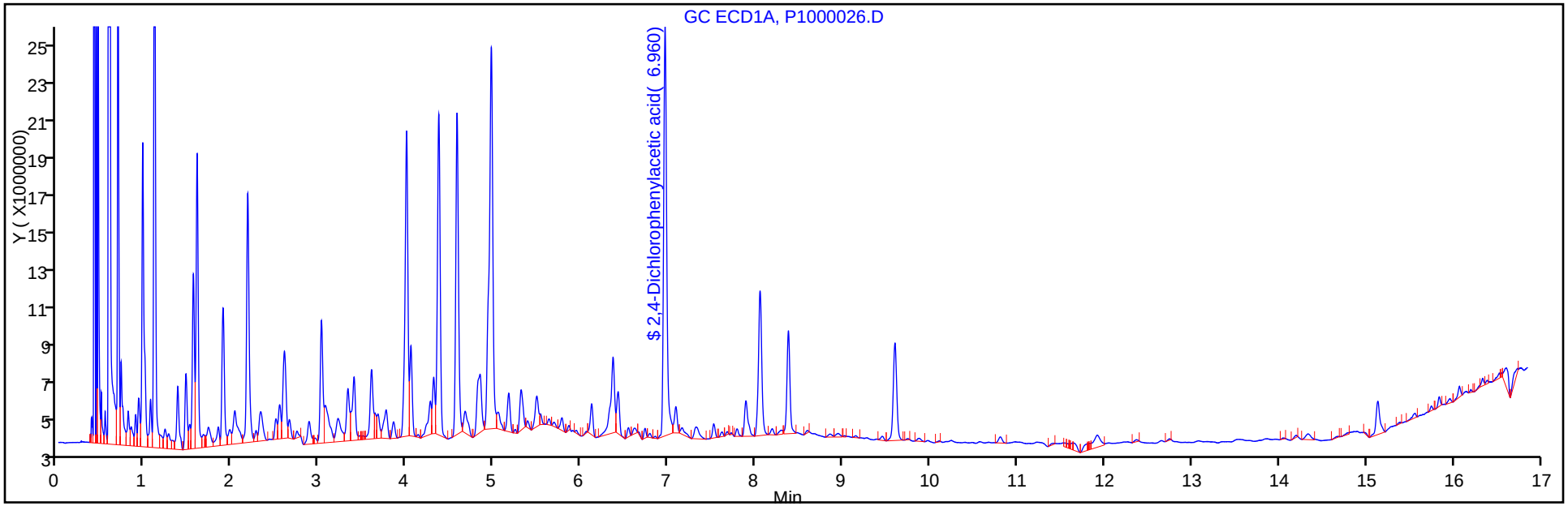
Report Date: 26-Dec-2012 15:31:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

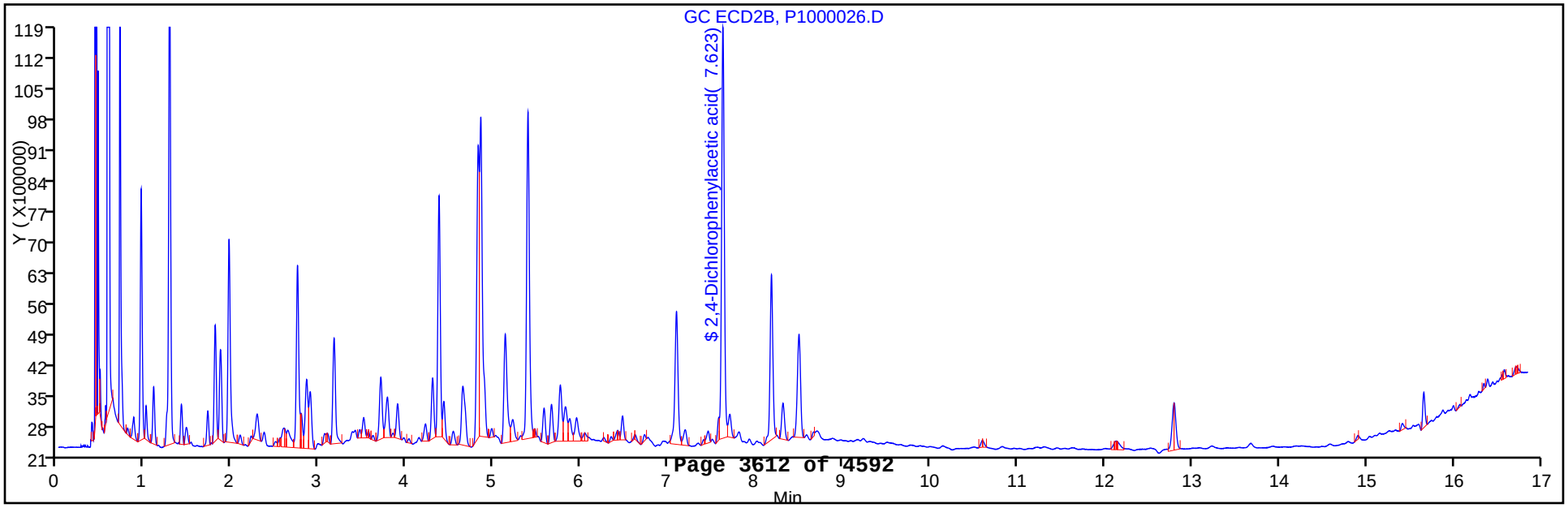
Data File: \\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000026.D

Injection Date:	22-Dec-2012 20:53:09	Limit Group:	GC 8151 DOD
Client ID:	072SB-0076-0001-SO	Instrument ID:	A2HP1
Lims Batch ID:	69890	Lims Sample ID:	26
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0076-0001-SO | Lab Sample ID: 240-18703-19

Matrix: Solid | Lab File ID: P1000026.D

Analysis Method: 8151/DOD | Date Collected: 12/10/2012 14:00

Extraction Method: 8151A | Date Extracted: 12/18/2012 11:08

Sample wt/vol: 29.99(g) | Date Analyzed: 12/22/2012 20:53

Con. Extract Vol.: 100(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69890 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	40	U	95	40	23
75-99-0	Dalapon	20	U	48	20	9.3
94-82-6	2,4-DB	40	U	95	40	26
1918-00-9	Dicamba	20	U	48	20	9.6
120-36-5	Dichlorprop	79	U	95	79	44
88-85-7	Dinoseb	12	U	14	12	12
94-74-6	MCPA	4000	U	9500	4000	2000
93-65-2	MCPP	4000	U	9500	4000	1800
87-86-5	Pentachlorophenol	9.9	U	12	9.9	5.1
93-72-1	Silvex (2,4,5-TP)	9.9	U	24	9.9	4.9
93-76-5	2,4,5-T	9.9	U	24	9.9	4.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	75		19-122

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000026.D		
Lims ID:	240-18703-I-19-A	Client ID:	072SB-0076-0001-SO
Inject. Date:	22-Dec-2012 20:53:09	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016119-026		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	26
Lims Batch ID:	69890	Lims Sample ID:	26
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\8151_1.m		
Last Update:	26-Dec-2012 15:31:16	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.233				
2		1.378				
$ 4 2,4-Dichlorophenylacetic acid						
1	6.960	6.958	0.002	20639776	0.1385	
2	7.623	7.617	0.006	9318636	0.1501	
					RPD = 8.08	
6 Dicamba						1
1		7.125				
2		7.784				
10 MCPP						1
1		7.410				
2		7.968				
9 MCPA						1
1		7.572				
2		8.221				
7 Dichlorprop						1
1		7.943				
2		8.580				
2 2,4-D						
1		8.182				
2		8.937				
11 Pentachlorophenol						1
1		8.269				
2		9.231				
12 Silvex (2,4,5-TP)						1
1		9.054				
2		9.873				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.369				
2		10.352				
3	2,4-DB					1
1		9.998				
2		11.002				
8	Dinoseb					1
1		11.202				
2		11.378				

QC Flag Legend

Processing Flags
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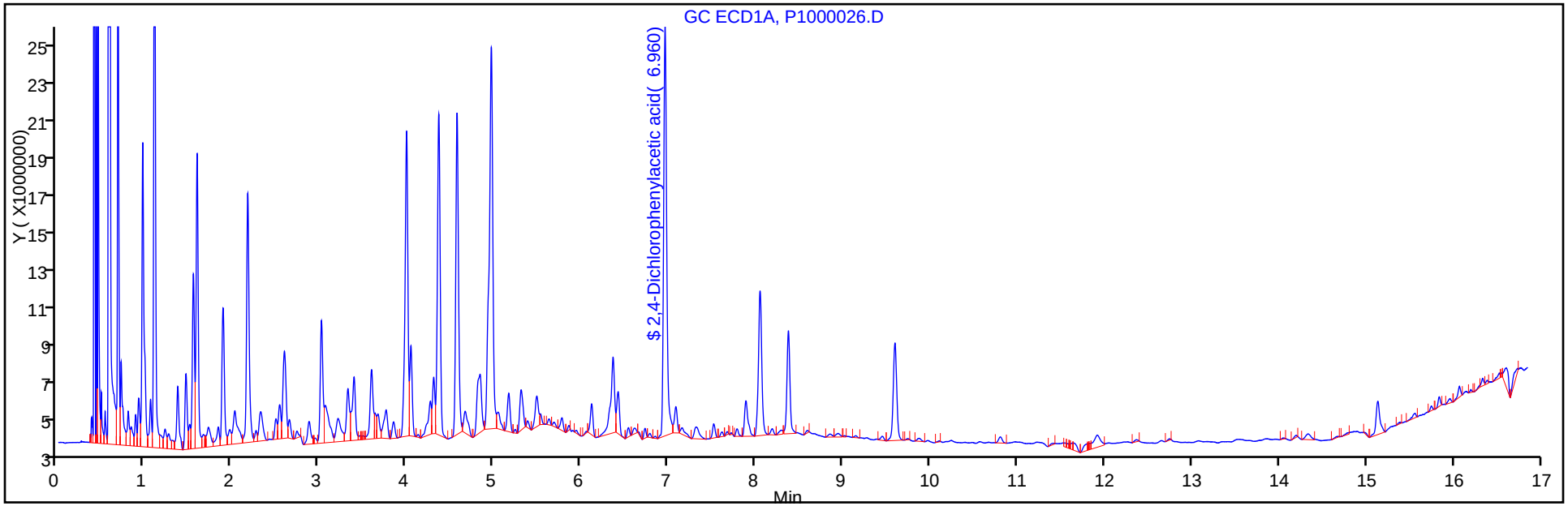
Report Date: 26-Dec-2012 15:31:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

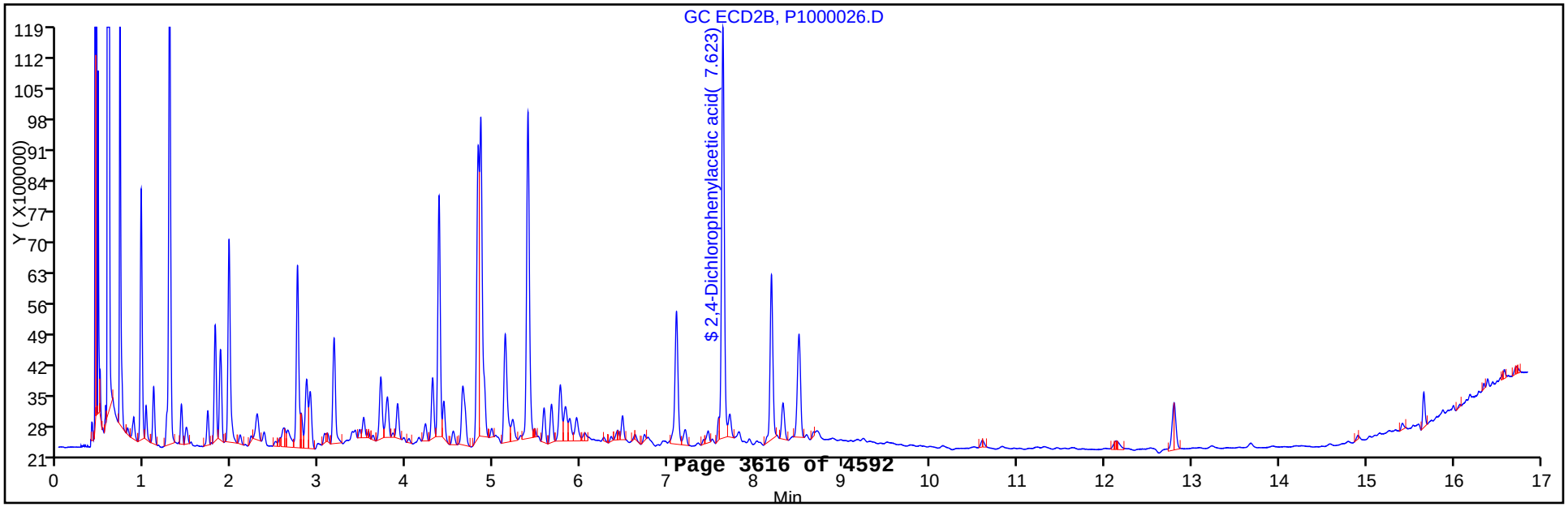
Data File: \\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000026.D

Injection Date:	22-Dec-2012 20:53:09	Limit Group:	GC 8151 DOD
Client ID:	072SB-0076-0001-SO	Instrument ID:	A2HP1
Lims Batch ID:	69890	Lims Sample ID:	26
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0077-0001-SO Lab Sample ID: 240-18703-20

Matrix: Solid Lab File ID: P1000027.D

Analysis Method: 8151/DOD Date Collected: 12/10/2012 14:00

Extraction Method: 8151A Date Extracted: 12/18/2012 11:08

Sample wt/vol: 30.17(g) Date Analyzed: 12/22/2012 21:16

Con. Extract Vol.: 100(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69890 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	69		19-122

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000027.D		
Lims ID:	240-18703-H-20-A	Client ID:	072SB-0077-0001-SO
Inject. Date:	22-Dec-2012 21:16:34	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016119-027		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	27
Lims Batch ID:	69890	Lims Sample ID:	27
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\8151_1.m		
Last Update:	26-Dec-2012 15:31:16	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.227	1.233	-0.006	847087	0.001852	
2	1.385	1.378	0.007	189817	0.001307	
					RPD = 34.54	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.960	6.958	0.002	20590632	0.1381	
2	7.624	7.617	0.007	9392575	0.1513	
					RPD = 9.10	
6 Dicamba						1
1		7.125				
2		7.784				
10 MCPP						1
1		7.410				
2		7.968				
9 MCPA						
1		7.572				
2		8.221				
7 Dichlorprop						1
1		7.943				
2		8.580				
2 2,4-D						1
1		8.182				
2		8.937				
11 Pentachlorophenol						
1		8.269				
2		9.231				
12 Silvex (2,4,5-TP)						1
1		9.054				
2		9.873				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.369				
2		10.352				
3	2,4-DB					1
1		9.998				
2		11.002				
8	Dinoseb					
1		11.202				
2		11.378				

QC Flag Legend

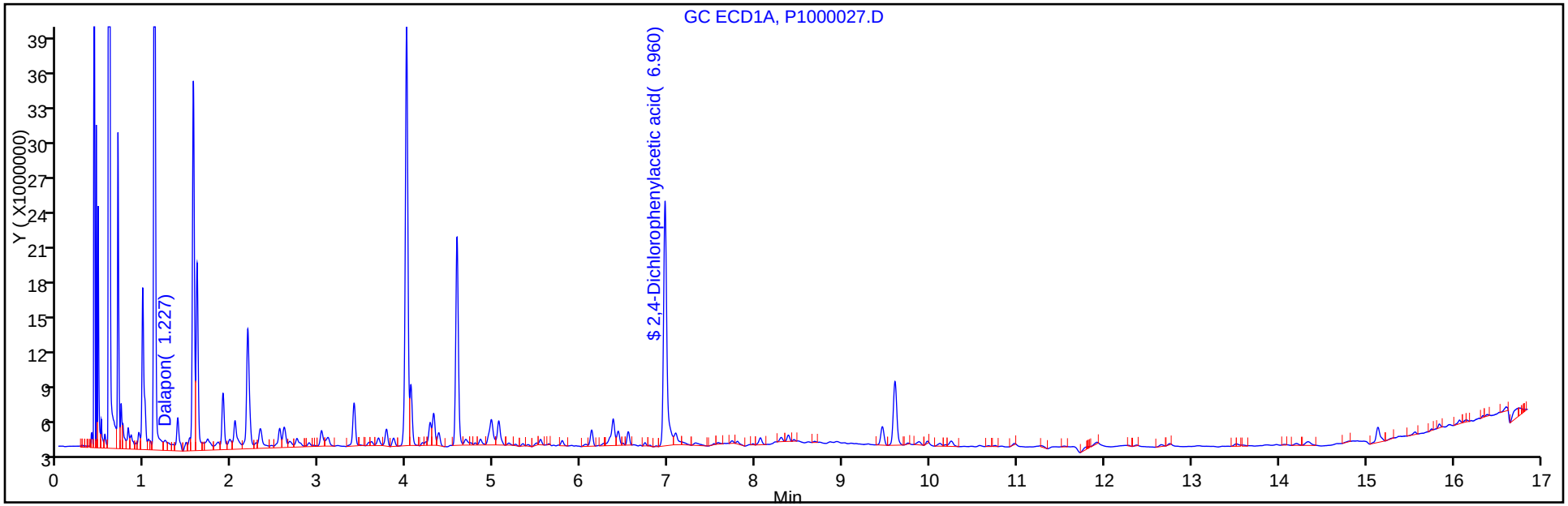
Processing Flags
1 - Missing Peaks

Report Date: 26-Dec-2012 15:31:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

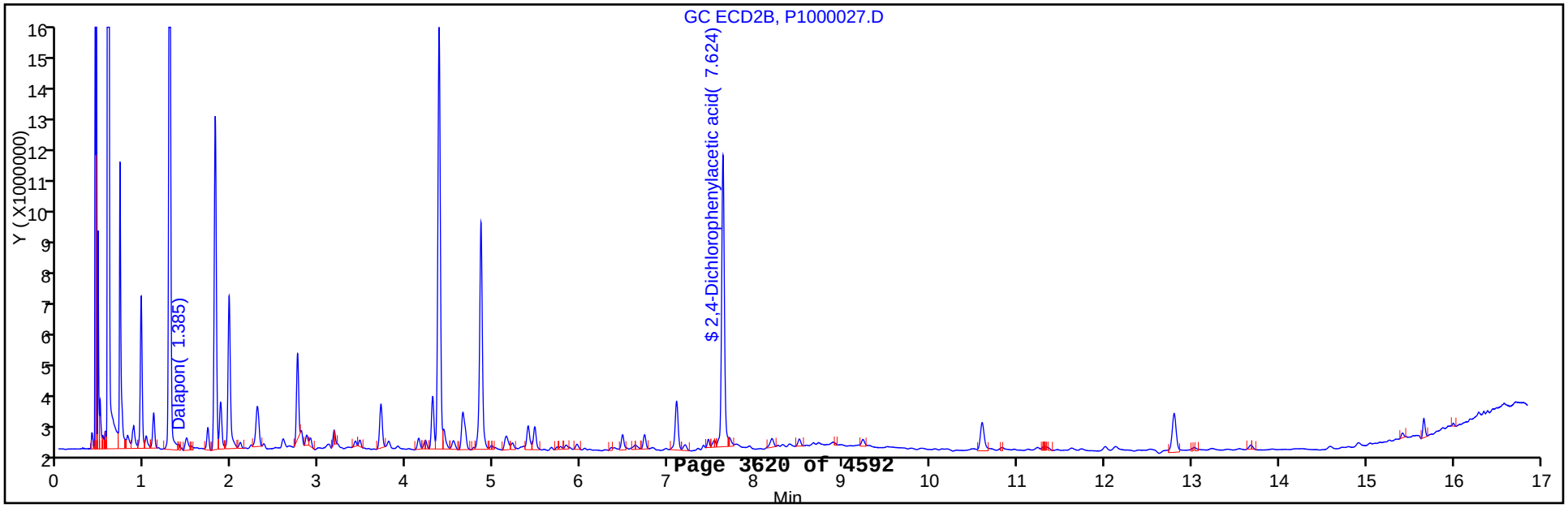
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000027.D		
Injection Date:	22-Dec-2012 21:16:34	Limit Group:	GC 8151 DOD
Client ID:	072SB-0077-0001-SO	Instrument ID:	A2HP1
Lims Batch ID:	69890	Lims Sample ID:	27
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0077-0001-SO | Lab Sample ID: 240-18703-20

Matrix: Solid | Lab File ID: P1000027.D

Analysis Method: 8151/DOD | Date Collected: 12/10/2012 14:00

Extraction Method: 8151A | Date Extracted: 12/18/2012 11:08

Sample wt/vol: 30.17(g) | Date Analyzed: 12/22/2012 21:16

Con. Extract Vol.: 100(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 17.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69890 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	40	U	96	40	23
75-99-0	Dalapon	20	U	48	20	9.4
94-82-6	2,4-DB	40	U	96	40	26
1918-00-9	Dicamba	20	U	48	20	9.7
120-36-5	Dichlorprop	80	U	96	80	44
88-85-7	Dinoseb	12	U	14	12	12
94-74-6	MCPA	4000	U	9600	4000	2000
93-65-2	MCPP	4000	U	9600	4000	1800
87-86-5	Pentachlorophenol	10	U	12	10	5.2
93-72-1	Silvex (2,4,5-TP)	10	U	24	10	4.9
93-76-5	2,4,5-T	10	U	24	10	4.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	76		19-122

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000027.D		
Lims ID:	240-18703-H-20-A	Client ID:	072SB-0077-0001-SO
Inject. Date:	22-Dec-2012 21:16:34	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016119-027		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	27
Lims Batch ID:	69890	Lims Sample ID:	27
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\8151_1.m		
Last Update:	26-Dec-2012 15:31:16	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.227	1.233	-0.006	847087	0.001852	
2	1.385	1.378	0.007	189817	0.001307	
					RPD = 34.54	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.960	6.958	0.002	20590632	0.1381	
2	7.624	7.617	0.007	9392575	0.1513	
					RPD = 9.10	
6 Dicamba						1
1		7.125				
2		7.784				
10 MCPP						1
1		7.410				
2		7.968				
9 MCPA						
1		7.572				
2		8.221				
7 Dichlorprop						1
1		7.943				
2		8.580				
2 2,4-D						1
1		8.182				
2		8.937				
11 Pentachlorophenol						
1		8.269				
2		9.231				
12 Silvex (2,4,5-TP)						1
1		9.054				
2		9.873				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.369				
2		10.352				
3	2,4-DB					1
1		9.998				
2		11.002				
8	Dinoseb					
1		11.202				
2		11.378				

QC Flag Legend

Processing Flags
1 - Missing Peaks

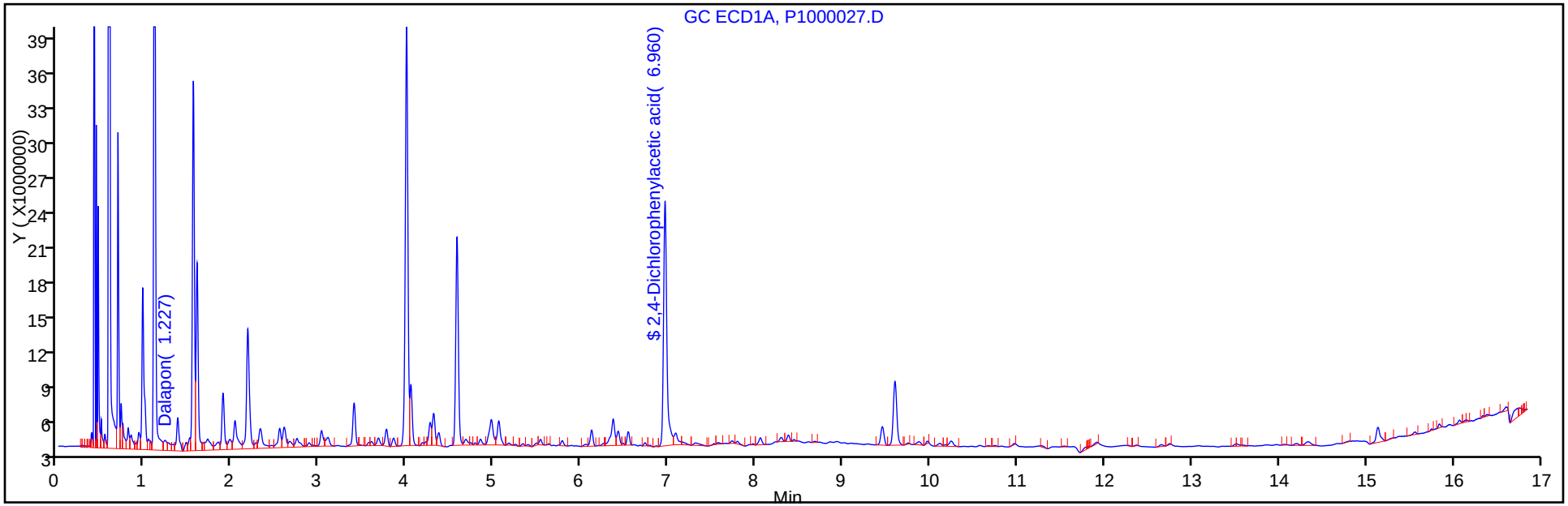
Report Date: 26-Dec-2012 15:31:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

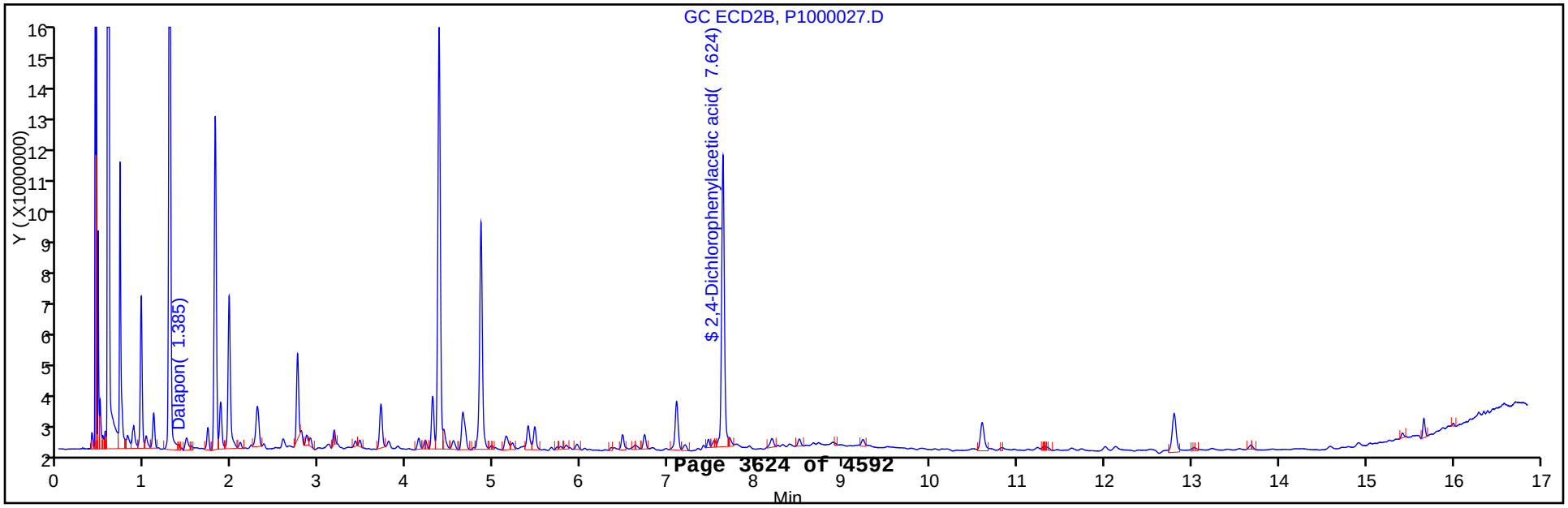
Data File: \\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000027.D

Injection Date:	22-Dec-2012 21:16:34	Limit Group:	GC 8151 DOD
Client ID:	072SB-0077-0001-SO	Instrument ID:	A2HP1
Lims Batch ID:	69890	Lims Sample ID:	27
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0079-0001-SO Lab Sample ID: 240-18703-21

Matrix: Solid Lab File ID: P1000030.D

Analysis Method: 8151/DOD Date Collected: 12/10/2012 14:20

Extraction Method: 8151A Date Extracted: 12/18/2012 11:08

Sample wt/vol: 30.13(g) Date Analyzed: 12/22/2012 22:27

Con. Extract Vol.: 100(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 23.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69890 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	76		19-122

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000030.D
Lims ID: 240-18703-I-21-A Client ID: 072SB-0079-0001-SO
Inject. Date: 22-Dec-2012 22:27:18 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016119-030
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 69890 Lims Sample ID: 30
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121222-16119.b\8151_1.m
Last Update: 26-Dec-2012 15:31:30 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.225	1.235	-0.010	805019	0.001760	
2	1.384	1.383	0.001	176316	0.001214	
					RPD = 36.75	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.959	6.959	0.000	22510643	0.1510	
2	7.626	7.624	0.002	9981548	0.1608	
					RPD = 6.27	
6 Dicamba						
1		7.125				
2		7.791				
10 MCPP						1
1		7.410				
2		7.977				
9 MCPA						1
1		7.574				
2		8.229				
7 Dichlorprop						
1		7.943				
2		8.588				
2 2,4-D						
1		8.181				
2		8.945				
11 Pentachlorophenol						
1		8.269				
2		9.240				
12 Silvex (2,4,5-TP)						1
1		9.055				
2		9.883				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.369				
2		10.362				
3	2,4-DB					1
1		9.997				
2		11.014				
8	Dinoseb					1
1		11.204				
2		11.389				

QC Flag Legend

Processing Flags
1 - Missing Peaks

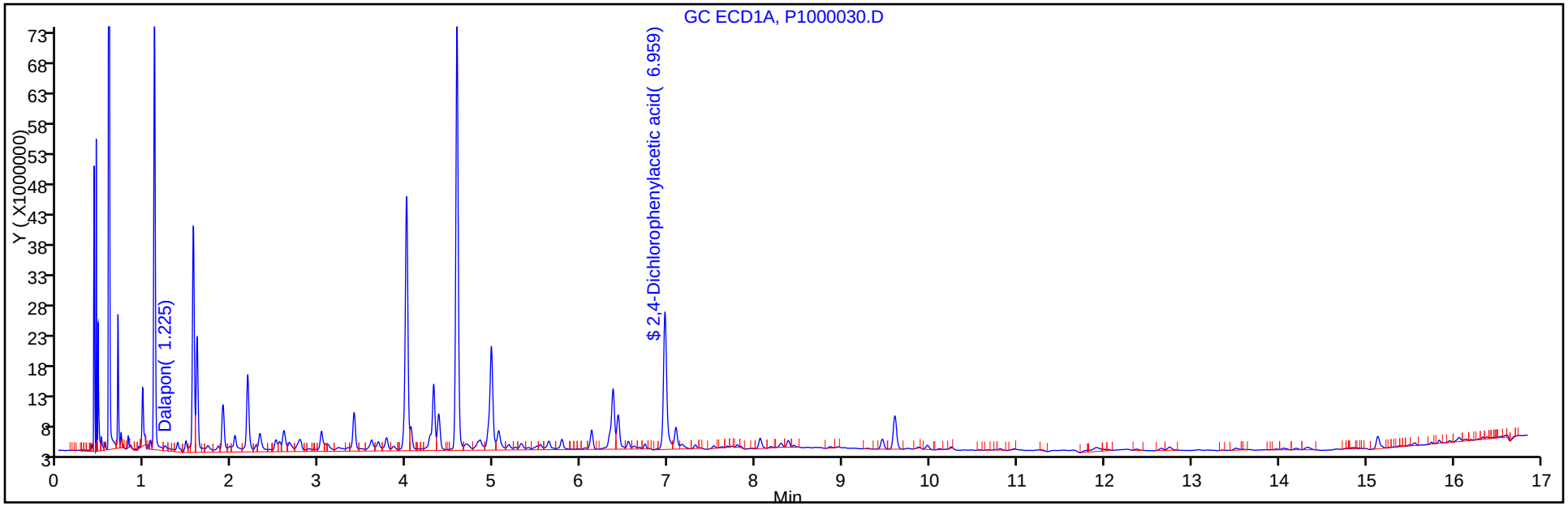
Report Date: 26-Dec-2012 15:31:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

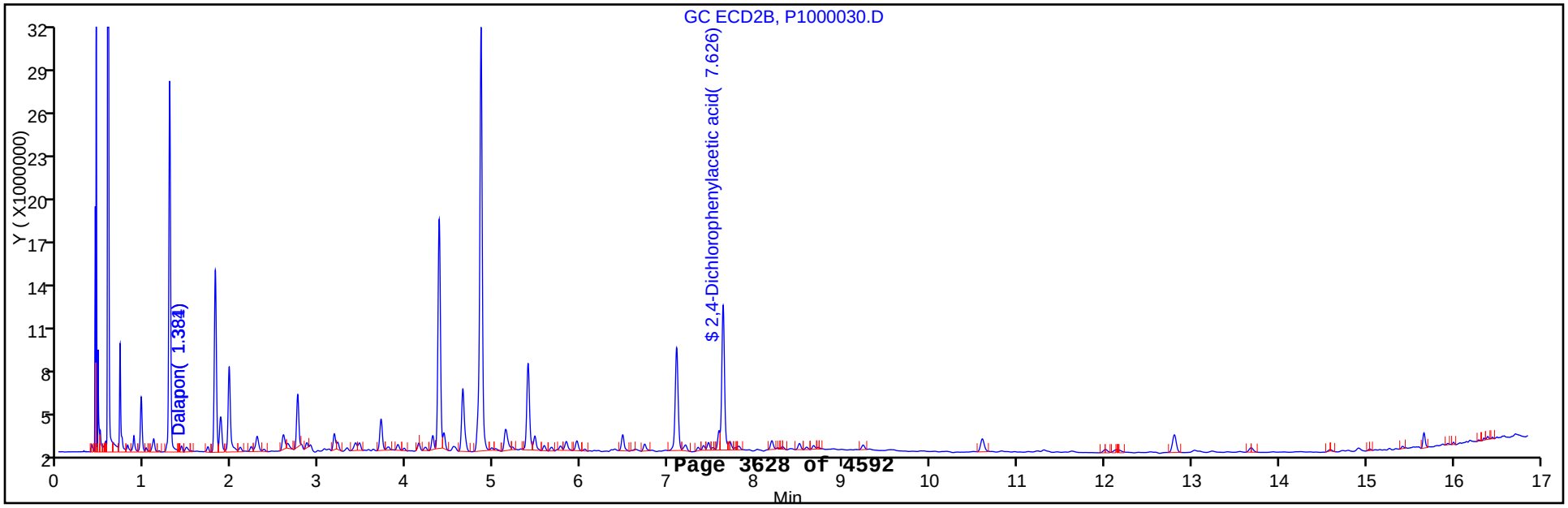
Data File: \\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000030.D

Injection Date:	22-Dec-2012 22:27:18	Limit Group:	GC 8151 DOD
Client ID:	072SB-0079-0001-SO	Instrument ID:	A2HP1
Lims Batch ID:	69890	Lims Sample ID:	30
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0079-0001-SO | Lab Sample ID: 240-18703-21

Matrix: Solid | Lab File ID: P1000030.D

Analysis Method: 8151/DOD | Date Collected: 12/10/2012 14:20

Extraction Method: 8151A | Date Extracted: 12/18/2012 11:08

Sample wt/vol: 30.13(g) | Date Analyzed: 12/22/2012 22:27

Con. Extract Vol.: 100(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69890 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	43	U	100	43	25
75-99-0	Dalapon	22	U	52	22	10
94-82-6	2,4-DB	43	U	100	43	28
1918-00-9	Dicamba	22	U	52	22	11
120-36-5	Dichlorprop	87	U	100	87	48
88-85-7	Dinoseb	13	U	16	13	13
94-74-6	MCPA	4300	U	10000	4300	2100
93-65-2	MCPP	4300	U	10000	4300	1900
87-86-5	Pentachlorophenol	11	U	13	11	5.6
93-72-1	Silvex (2,4,5-TP)	11	U	26	11	5.3
93-76-5	2,4,5-T	11	U	26	11	4.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	80		19-122

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000030.D		
Lims ID:	240-18703-I-21-A	Client ID:	072SB-0079-0001-SO
Inject. Date:	22-Dec-2012 22:27:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016119-030		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	30
Lims Batch ID:	69890	Lims Sample ID:	30
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\8151_1.m		
Last Update:	26-Dec-2012 15:31:30	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.225	1.235	-0.010	805019	0.001760	
2	1.384	1.383	0.001	176316	0.001214	
					RPD = 36.75	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.959	6.959	0.000	22510643	0.1510	
2	7.626	7.624	0.002	9981548	0.1608	
					RPD = 6.27	
6 Dicamba						
1		7.125				
2		7.791				
10 MCPP						1
1		7.410				
2		7.977				
9 MCPA						1
1		7.574				
2		8.229				
7 Dichlorprop						
1		7.943				
2		8.588				
2 2,4-D						
1		8.181				
2		8.945				
11 Pentachlorophenol						
1		8.269				
2		9.240				
12 Silvex (2,4,5-TP)						1
1		9.055				
2		9.883				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.369				
2		10.362				
3	2,4-DB					1
1		9.997				
2		11.014				
8	Dinoseb					1
1		11.204				
2		11.389				

QC Flag Legend

Processing Flags
1 - Missing Peaks

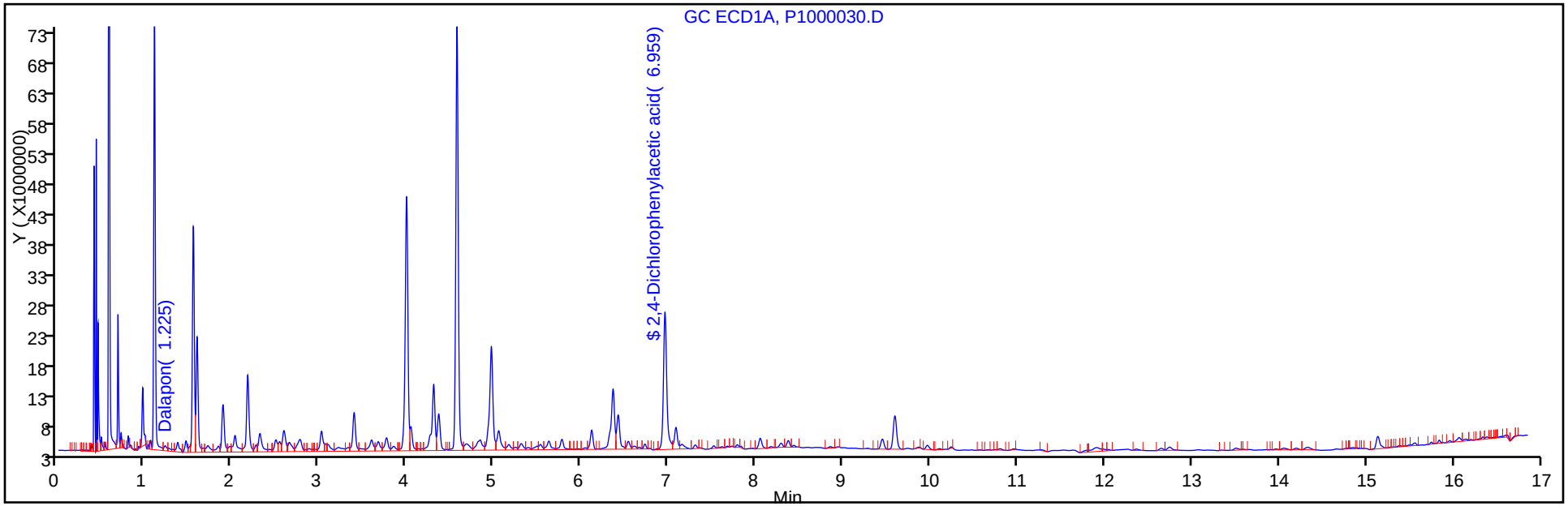
Report Date: 26-Dec-2012 15:31:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

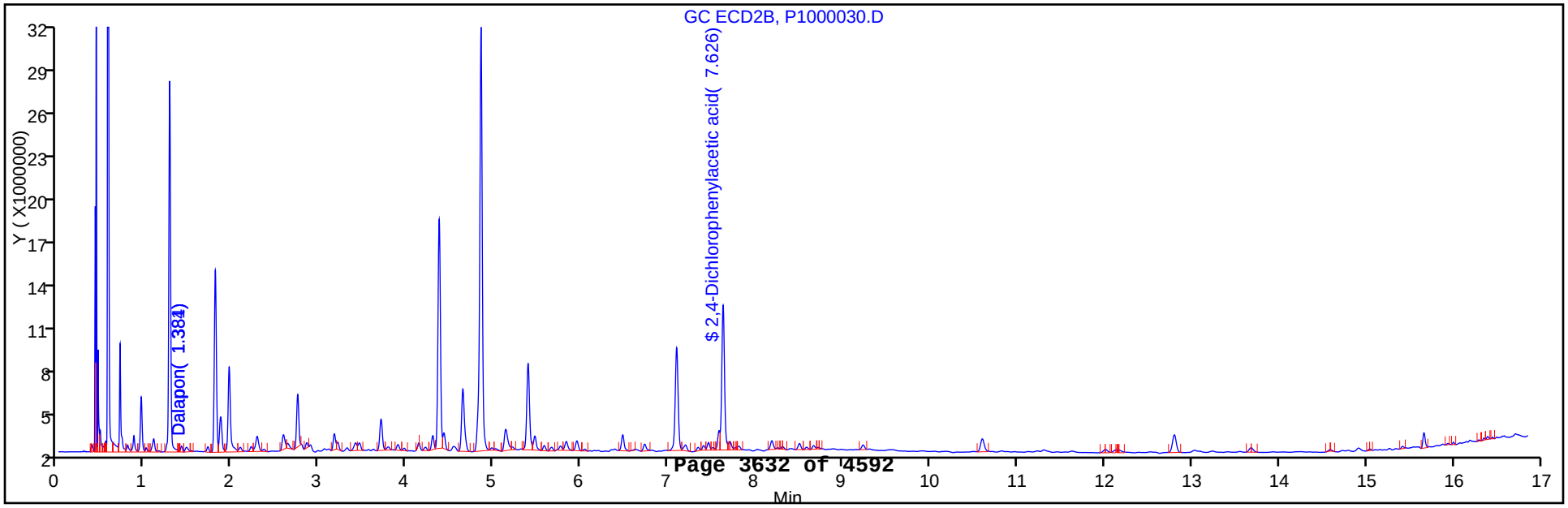
Data File: \\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000030.D

Injection Date:	22-Dec-2012 22:27:18	Limit Group:	GC 8151 DOD
Client ID:	072SB-0079-0001-SO	Instrument ID:	A2HP1
Lims Batch ID:	69890	Lims Sample ID:	30
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0080-0001-SO Lab Sample ID: 240-18703-22

Matrix: Solid Lab File ID: P1000031.D

Analysis Method: 8151/DOD Date Collected: 12/10/2012 15:16

Extraction Method: 8151A Date Extracted: 12/18/2012 11:08

Sample wt/vol: 30.30(g) Date Analyzed: 12/22/2012 22:50

Con. Extract Vol.: 100(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69890 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	68		19-122

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000031.D		
Lims ID:	240-18703-I-22-A	Client ID:	072SB-0080-0001-SO
Inject. Date:	22-Dec-2012 22:50:49	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016119-031		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	69890	Lims Sample ID:	31
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\8151_1.m		
Last Update:	26-Dec-2012 15:31:30	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.224	1.235	-0.011	691658	0.001512	
2	1.400	1.383	0.017	1234420	0.008497	
					RPD = 139.57	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.962	6.959	0.003	20368059	0.1366	
2	7.607	7.624	-0.017	9547046	0.1538	
					RPD = 11.81	
6 Dicamba						
1		7.125				
2		7.791				
10 MCPP						1
1		7.410				
2		7.977				
9 MCPA						1
1		7.574				
2		8.229				
7 Dichlorprop						
1		7.943				
2		8.588				
2 2,4-D						
1		8.181				
2		8.945				
11 Pentachlorophenol						1
1		8.269				
2		9.240				
12 Silvex (2,4,5-TP)						1
1		9.055				
2		9.883				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.369				
2		10.362				
3	2,4-DB					1
1		9.997				
2		11.014				
8	Dinoseb					1
1		11.204				
2		11.389				

QC Flag Legend

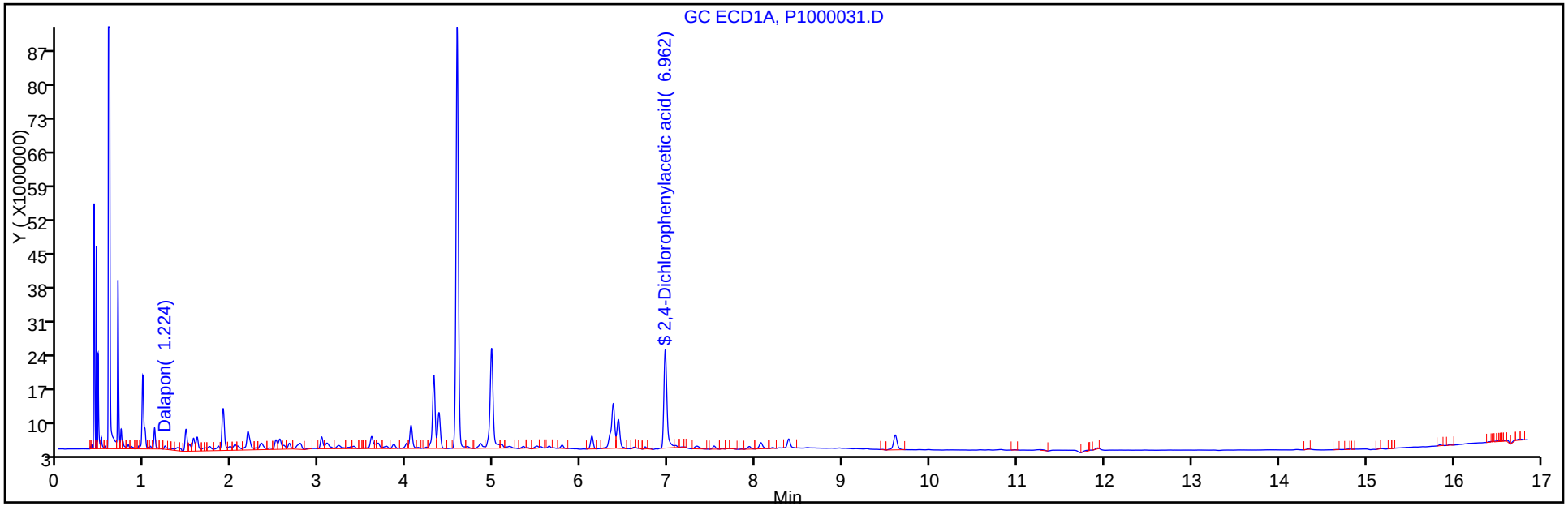
Processing Flags
1 - Missing Peaks

Report Date: 26-Dec-2012 15:31:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

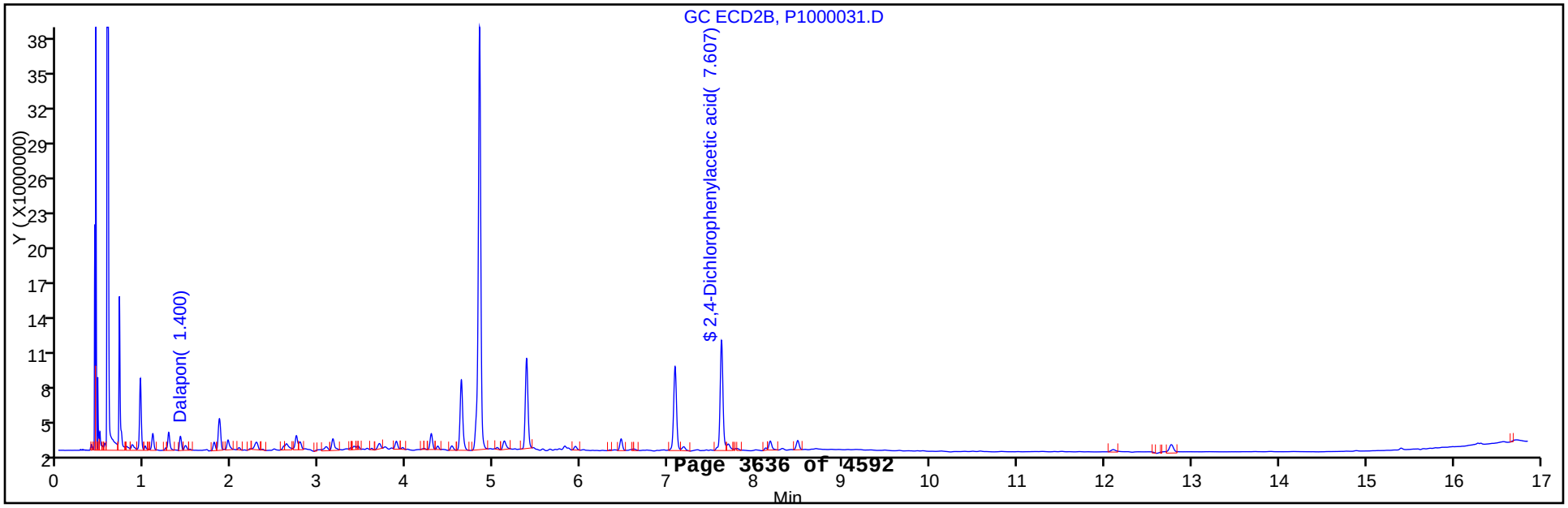
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000031.D		
Injection Date:	22-Dec-2012 22:50:49	Limit Group:	GC 8151 DOD
Client ID:	072SB-0080-0001-SO	Instrument ID:	A2HP1
Lims Batch ID:	69890	Lims Sample ID:	31
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0080-0001-SO | Lab Sample ID: 240-18703-22

Matrix: Solid | Lab File ID: P1000031.D

Analysis Method: 8151/DOD | Date Collected: 12/10/2012 15:16

Extraction Method: 8151A | Date Extracted: 12/18/2012 11:08

Sample wt/vol: 30.30(g) | Date Analyzed: 12/22/2012 22:50

Con. Extract Vol.: 100(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69890 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	39	U	93	39	22
75-99-0	Dalapon	33	J	47	19	9.1
94-82-6	2,4-DB	39	U	93	39	25
1918-00-9	Dicamba	19	U	47	19	9.4
120-36-5	Dichlorprop	78	U	93	78	43
88-85-7	Dinoseb	12	U	14	12	12
94-74-6	MCPA	3900	U	9300	3900	1900
93-65-2	MCPP	3900	U	9300	3900	1700
87-86-5	Pentachlorophenol	9.7	U	12	9.7	5.0
93-72-1	Silvex (2,4,5-TP)	9.7	U	23	9.7	4.8
93-76-5	2,4,5-T	9.7	U	23	9.7	4.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	77		19-122

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000031.D
Lims ID: 240-18703-I-22-A Client ID: 072SB-0080-0001-SO
Inject. Date: 22-Dec-2012 22:50:49 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016119-031
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 31
Lims Batch ID: 69890 Lims Sample ID: 31
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121222-16119.b\8151_1.m
Last Update: 26-Dec-2012 15:31:30 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.224	1.235	-0.011	691658	0.001512	
2	1.400	1.383	0.017	1234420	0.008497	
					RPD = 139.57	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.962	6.959	0.003	20368059	0.1366	
2	7.607	7.624	-0.017	9547046	0.1538	
					RPD = 11.81	
6 Dicamba						
1		7.125				
2		7.791				
10 MCPP						1
1		7.410				
2		7.977				
9 MCPA						1
1		7.574				
2		8.229				
7 Dichlorprop						
1		7.943				
2		8.588				
2 2,4-D						
1		8.181				
2		8.945				
11 Pentachlorophenol						1
1		8.269				
2		9.240				
12 Silvex (2,4,5-TP)						1
1		9.055				
2		9.883				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.369				
2		10.362				
3	2,4-DB					1
1		9.997				
2		11.014				
8	Dinoseb					1
1		11.204				
2		11.389				

QC Flag Legend

Processing Flags
1 - Missing Peaks

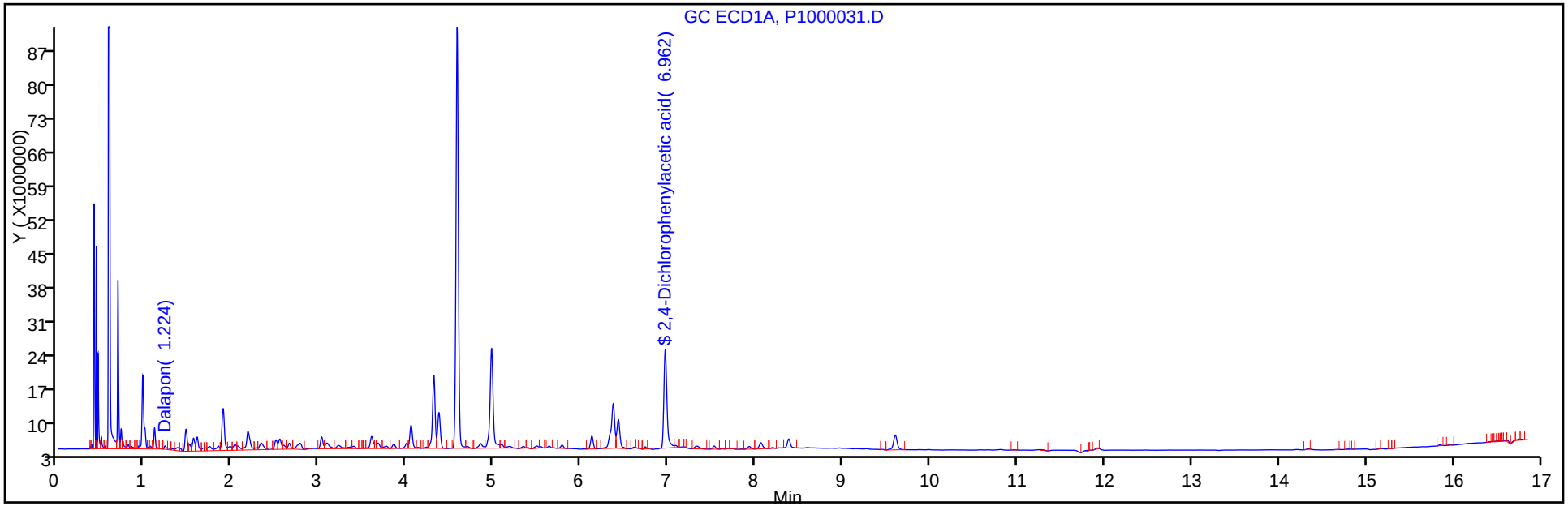
Report Date: 26-Dec-2012 15:31:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

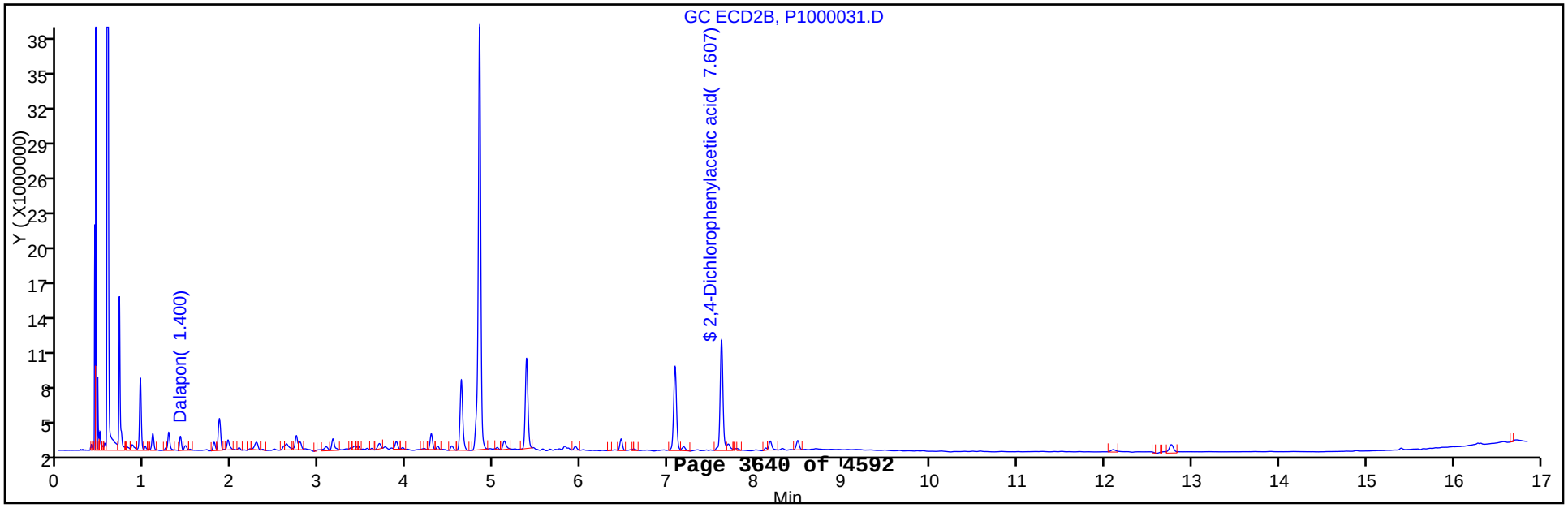
Data File: \\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000031.D

Injection Date:	22-Dec-2012 22:50:49	Limit Group:	GC 8151 DOD
Client ID:	072SB-0080-0001-SO	Instrument ID:	A2HP1
Lims Batch ID:	69890	Lims Sample ID:	31
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0081-0001-SO Lab Sample ID: 240-18703-23

Matrix: Solid Lab File ID: P1000032.D

Analysis Method: 8151/DOD Date Collected: 12/10/2012 14:50

Extraction Method: 8151A Date Extracted: 12/18/2012 11:08

Sample wt/vol: 30.11(g) Date Analyzed: 12/22/2012 23:14

Con. Extract Vol.: 100(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69890 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	72		19-122

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000032.D
Lims ID: 240-18703-I-23-A Client ID: 072SB-0081-0001-SO
Inject. Date: 22-Dec-2012 23:14:20 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016119-032
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 32
Lims Batch ID: 69890 Lims Sample ID: 32
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121222-16119.b\8151_1.m
Last Update: 26-Dec-2012 15:31:30 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.224	1.235	-0.011	993979	0.002173	
2	1.401	1.383	0.018	531659	0.003659	
					RPD = 50.97	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.962	6.959	0.003	21479797	0.1441	
2	7.606	7.624	-0.018	10168144	0.1638	
					RPD = 12.80	
6 Dicamba						
1		7.125				
2		7.791				
10 MCPP						1
1		7.410				
2		7.977				
9 MCPA						
1		7.574				
2		8.229				
7 Dichlorprop						
1		7.943				
2		8.588				
2 2,4-D						
1		8.181				
2		8.945				
11 Pentachlorophenol						
1		8.269				
2		9.240				
12 Silvex (2,4,5-TP)						1
1		9.055				
2		9.883				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.369				
2		10.362				
3	2,4-DB					1
1		9.997				
2		11.014				
8	Dinoseb					1
1		11.204				
2		11.389				

QC Flag Legend

Processing Flags
1 - Missing Peaks

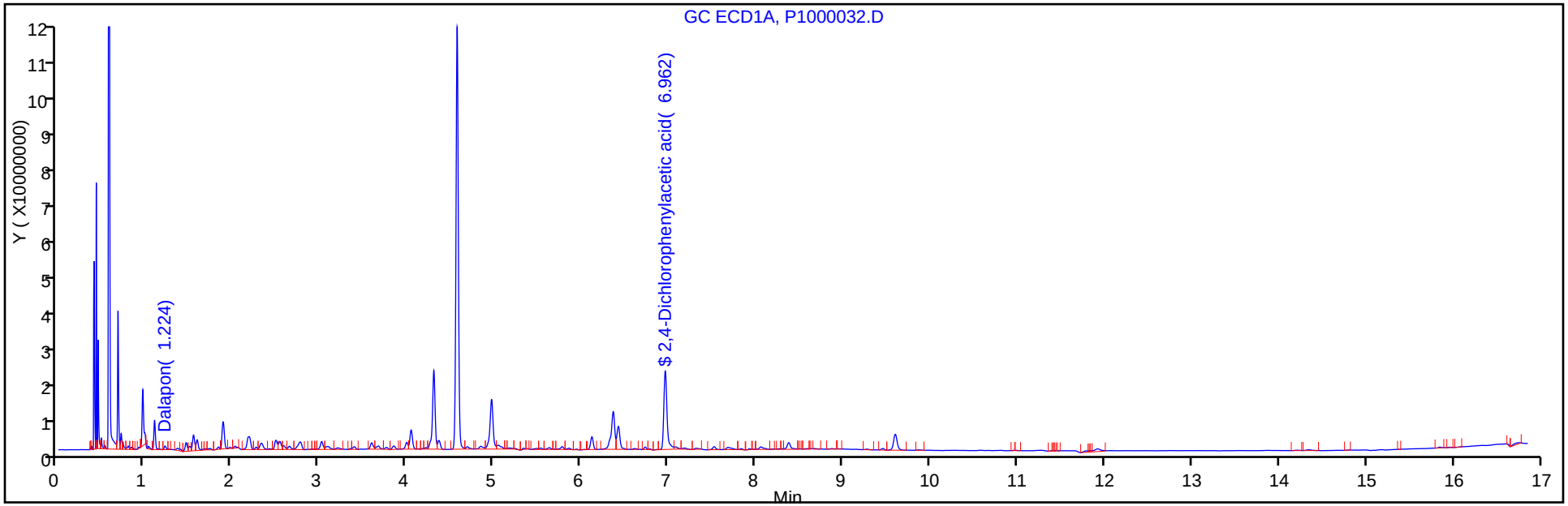
Report Date: 26-Dec-2012 15:31:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

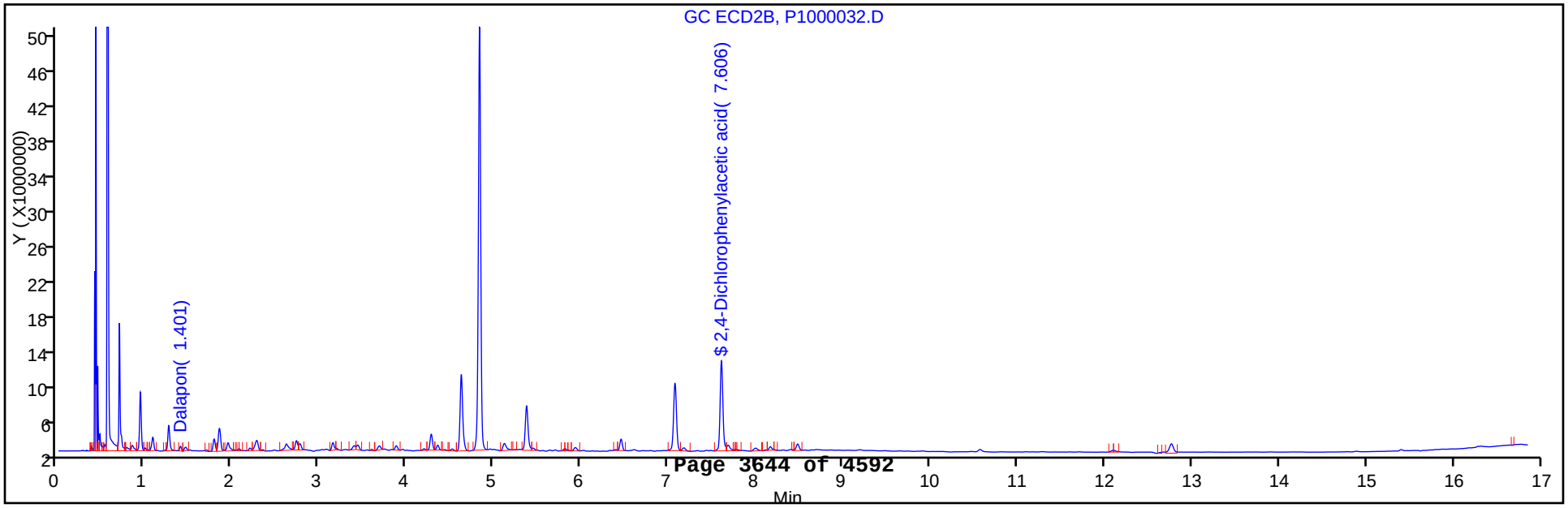
Data File: \\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000032.D

Injection Date:	22-Dec-2012 23:14:20	Limit Group:	GC 8151 DOD
Client ID:	072SB-0081-0001-SO	Instrument ID:	A2HP1
Lims Batch ID:	69890	Lims Sample ID:	32
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 072SB-0081-0001-SO | Lab Sample ID: 240-18703-23

Matrix: Solid | Lab File ID: P1000032.D

Analysis Method: 8151/DOD | Date Collected: 12/10/2012 14:50

Extraction Method: 8151A | Date Extracted: 12/18/2012 11:08

Sample wt/vol: 30.11(g) | Date Analyzed: 12/22/2012 23:14

Con. Extract Vol.: 100(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69890 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	38	U	91	38	21
75-99-0	Dalapon	14	J	45	19	8.8
94-82-6	2,4-DB	38	U	91	38	24
1918-00-9	Dicamba	19	U	45	19	9.2
120-36-5	Dichlorprop	75	U	91	75	41
88-85-7	Dinoseb	11	U	14	11	11
94-74-6	MCPA	3800	U	9100	3800	1900
93-65-2	MCPP	3800	U	9100	3800	1700
87-86-5	Pentachlorophenol	9.4	U	11	9.4	4.9
93-72-1	Silvex (2,4,5-TP)	9.4	U	23	9.4	4.7
93-76-5	2,4,5-T	9.4	U	23	9.4	4.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	82		19-122

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000032.D		
Lims ID:	240-18703-I-23-A	Client ID:	072SB-0081-0001-SO
Inject. Date:	22-Dec-2012 23:14:20	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016119-032		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	69890	Lims Sample ID:	32
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\8151_1.m		
Last Update:	26-Dec-2012 15:31:30	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.224	1.235	-0.011	993979	0.002173	
2	1.401	1.383	0.018	531659	0.003659	
					RPD = 50.97	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.962	6.959	0.003	21479797	0.1441	
2	7.606	7.624	-0.018	10168144	0.1638	
					RPD = 12.80	
6 Dicamba						
1		7.125				
2		7.791				
10 MCPP						1
1		7.410				
2		7.977				
9 MCPA						
1		7.574				
2		8.229				
7 Dichlorprop						
1		7.943				
2		8.588				
2 2,4-D						
1		8.181				
2		8.945				
11 Pentachlorophenol						
1		8.269				
2		9.240				
12 Silvex (2,4,5-TP)						1
1		9.055				
2		9.883				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.369				
2		10.362				
3	2,4-DB					1
1		9.997				
2		11.014				
8	Dinoseb					1
1		11.204				
2		11.389				

QC Flag Legend

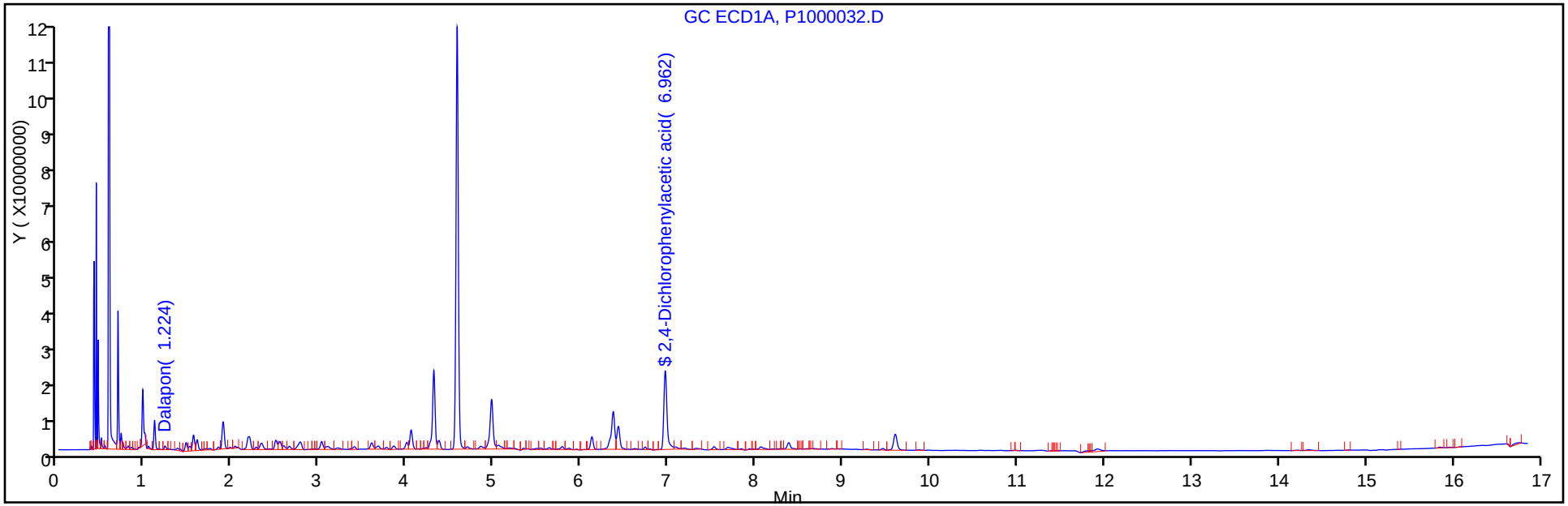
Processing Flags
1 - Missing Peaks

Report Date: 26-Dec-2012 15:31:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

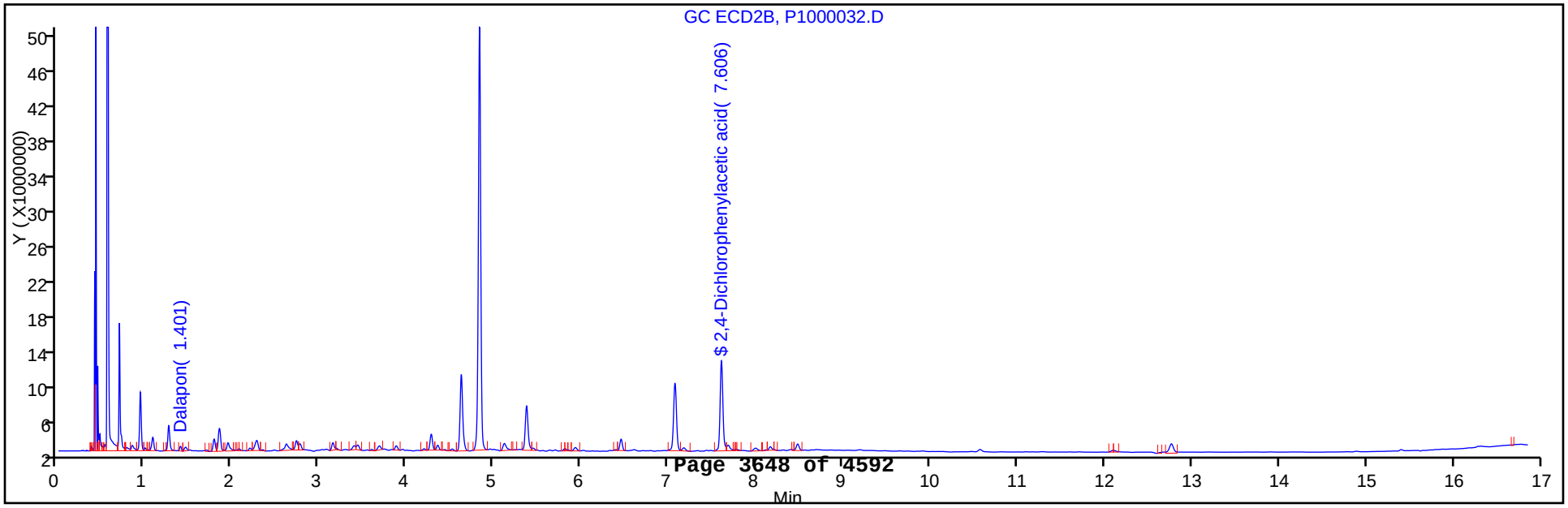
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121222-16119.b\P1000032.D		
Injection Date:	22-Dec-2012 23:14:20	Limit Group:	GC 8151 DOD
Client ID:	072SB-0081-0001-SO	Instrument ID:	A2HP1
Lims Batch ID:	69890	Lims Sample ID:	32
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER | Lab Sample ID: 240-18703-24

Matrix: Water | Lab File ID: P1000016.D

Analysis Method: 8151/DOD | Date Collected: 12/09/2012 10:30

Extraction Method: 8151A | Date Extracted: 12/13/2012 09:53

Sample wt/vol: 500(mL) | Date Analyzed: 12/17/2012 15:53

Con. Extract Vol.: 100(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.: 68956 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.50	U	4.0	0.50	0.41
75-99-0	Dalapon	0.20	U	2.0	0.20	0.17
94-82-6	2,4-DB	1.0	U	4.0	1.0	0.69
1918-00-9	Dicamba	1.0	U	2.0	1.0	0.52
120-36-5	Dichlorprop	1.0	U	4.0	1.0	0.86
88-85-7	Dinoseb	0.20	U	0.60	0.20	0.087
94-74-6	MCPA	400	U	400	400	390
93-65-2	MCPP	400	U	400	400	400
87-86-5	Pentachlorophenol	0.040	U	0.10	0.040	0.024
93-72-1	Silvex (2,4,5-TP)	0.20	U	1.0	0.20	0.20
93-76-5	2,4,5-T	0.50	U	1.0	0.50	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	69		32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121217-15910.b\P1000016.D		
Lims ID:	240-18703-L-24-A	Client ID:	076-0140-0001-ER
Inject. Date:	17-Dec-2012 15:53:03	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015910-016		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	68956	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121217-15910.b\8151_1.m		
Last Update:	18-Dec-2012 09:31:00	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK012		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.263				
2		1.394				
$ 4 2,4-Dichlorophenylacetic acid						
1	7.005	7.003	0.002	20679393	0.1387	
2	7.639	7.637	0.002	10489923	0.1690	
					RPD = 19.67	
6 Dicamba						1
1		7.168				
2		7.804				
10 MCPP						1
1		7.453				
2		7.990				
9 MCPA						1
1		7.616				
2		8.241				
7 Dichlorprop						1
1		7.988				
2		8.603				
2 2,4-D						1
1		8.228				
2		8.962				
11 Pentachlorophenol						
1		8.317				
2		9.257				
12 Silvex (2,4,5-TP)						1
1		9.109				
2		9.903				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.428				
2		10.381				
3	2,4-DB					1
1		10.059				
2		11.034				
8	Dinoseb					1
1		11.272				
2		11.412				

QC Flag Legend

Processing Flags
1 - Missing Peaks

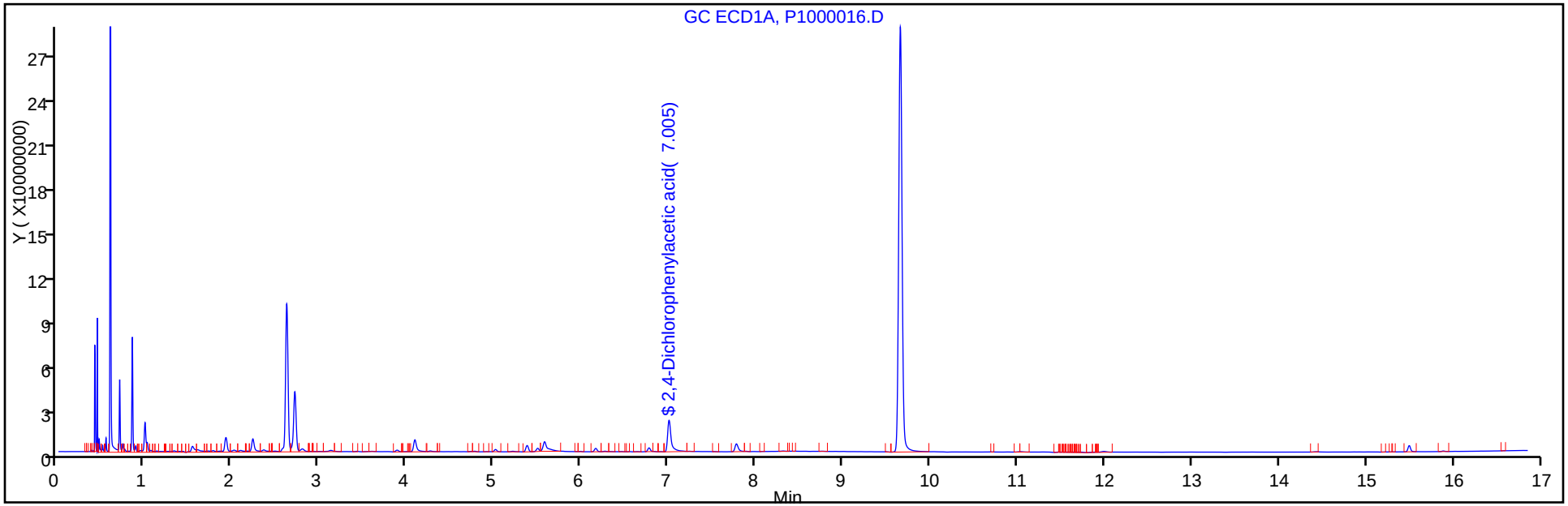
Report Date: 18-Dec-2012 09:31:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

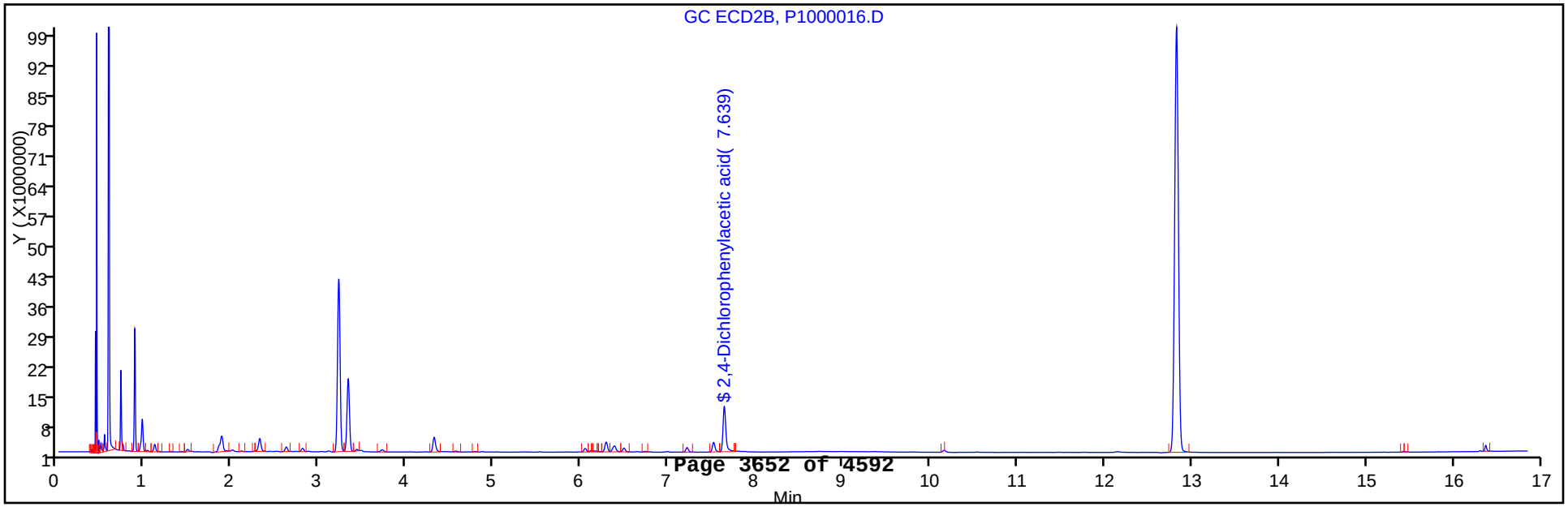
Data File: \\NCChrom\ChromData\A2HP1\20121217-15910.b\P1000016.D

Injection Date:	17-Dec-2012 15:53:03	Limit Group:	GC 8151 DOD
Client ID:	076-0140-0001-ER	Instrument ID:	A2HP1
Lims Batch ID:	68956	Lims Sample ID:	16
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18703-1

SDG No.:

Client Sample ID: 076-0140-0001-ER Lab Sample ID: 240-18703-24

Matrix: Water Lab File ID: P1000016.D

Analysis Method: 8151/DOD Date Collected: 12/09/2012 10:30

Extraction Method: 8151A Date Extracted: 12/13/2012 09:53

Sample wt/vol: 500(mL) Date Analyzed: 12/17/2012 15:53

Con. Extract Vol.: 100(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.: 68956 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	84		32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121217-15910.b\P1000016.D		
Lims ID:	240-18703-L-24-A	Client ID:	076-0140-0001-ER
Inject. Date:	17-Dec-2012 15:53:03	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015910-016		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	68956	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121217-15910.b\8151_1.m		
Last Update:	18-Dec-2012 09:31:00	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK012		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.263				
2		1.394				
$ 4 2,4-Dichlorophenylacetic acid						
1	7.005	7.003	0.002	20679393	0.1387	
2	7.639	7.637	0.002	10489923	0.1690	
					RPD = 19.67	
6 Dicamba						1
1		7.168				
2		7.804				
10 MCPP						1
1		7.453				
2		7.990				
9 MCPA						1
1		7.616				
2		8.241				
7 Dichlorprop						1
1		7.988				
2		8.603				
2 2,4-D						1
1		8.228				
2		8.962				
11 Pentachlorophenol						
1		8.317				
2		9.257				
12 Silvex (2,4,5-TP)						1
1		9.109				
2		9.903				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.428				
2		10.381				
3	2,4-DB					1
1		10.059				
2		11.034				
8	Dinoseb					1
1		11.272				
2		11.412				

QC Flag Legend

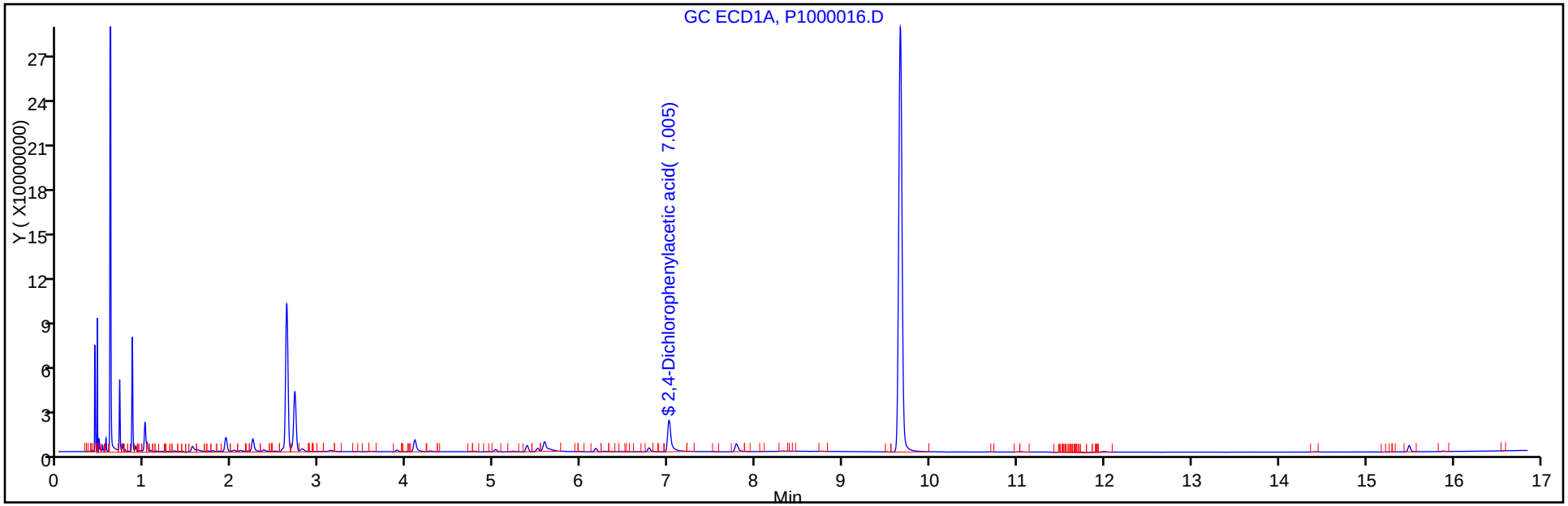
Processing Flags
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Report Date: 18-Dec-2012 09:31:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

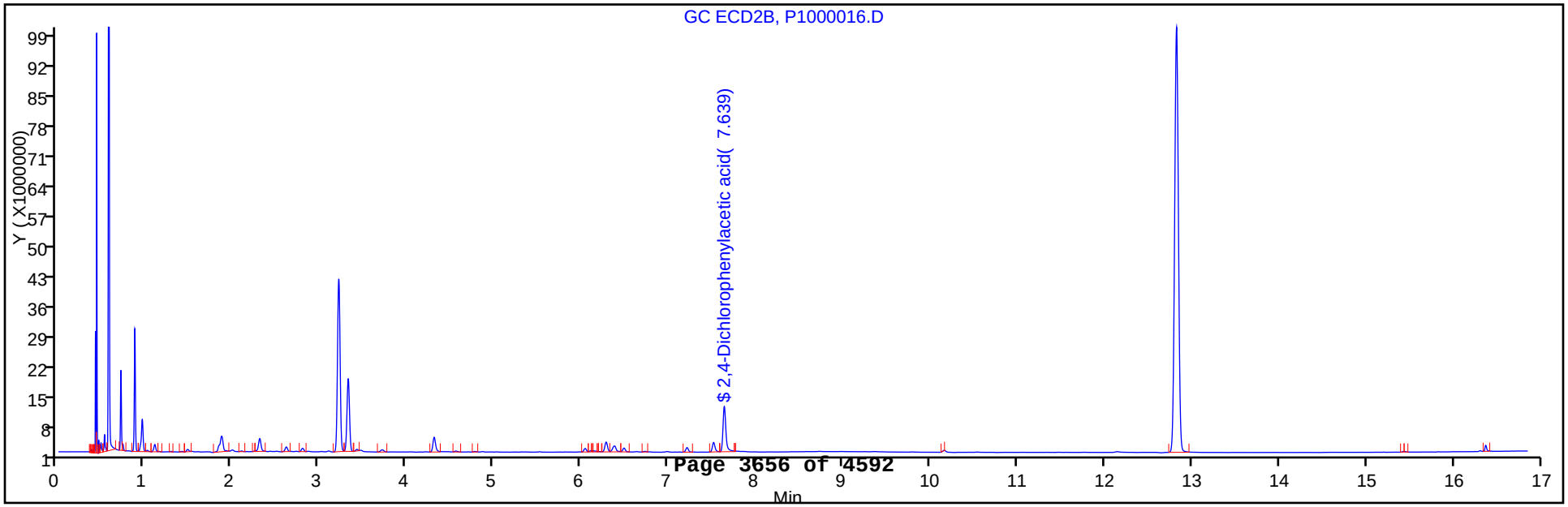
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121217-15910.b\P1000016.D		
Injection Date:	17-Dec-2012 15:53:03	Limit Group:	GC 8151 DOD
Client ID:	076-0140-0001-ER	Instrument ID:	A2HP1
Lims Batch ID:	68956	Lims Sample ID:	16
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 58097

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 13:18 Calibration End Date: 09/18/2012 15:16 Calibration ID: 11460

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-58097/10	P1000010.D
Level 2	STD 240-58097/11	P1000011.D
Level 3	STD 240-58097/12	P1000012.D
Level 4	STD 240-58097/13	P1000013.D
Level 5	STD 240-58097/14	P1000014.D
Level 6	STD 240-58097/15	P1000015.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Pentachlorophenol	8.312	8.312	8.312	8.312	8.313	8.311					8.292 - 8.332	8.312

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 58097

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 13:18 Calibration End Date: 09/18/2012 15:16 Calibration ID: 11460

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-58097/10	P1000010.D
Level 2	STD 240-58097/11	P1000011.D
Level 3	STD 240-58097/12	P1000012.D
Level 4	STD 240-58097/13	P1000013.D
Level 5	STD 240-58097/14	P1000014.D
Level 6	STD 240-58097/15	P1000015.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								
Pentachlorophenol	6199692000 1836692000	1746500400 1559328288	1757540900	1942834700	Lin1	2208018.84	1628490553							0.9920		0.9900

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 58097

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 13:18 Calibration End Date: 09/18/2012 15:16 Calibration ID: 11460

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-58097/10	P1000010.D
Level 2	STD 240-58097/11	P1000011.D
Level 3	STD 240-58097/12	P1000012.D
Level 4	STD 240-58097/13	P1000013.D
Level 5	STD 240-58097/14	P1000014.D
Level 6	STD 240-58097/15	P1000015.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
Pentachlorophenol	Lin1	3099846 124746263	8732502	17575409	38856694	73467680	0.000500 0.0800	0.00500	0.0100	0.0200	0.0400

Curve Type Legend:
Lin1 = Linear 1/Conc by Height

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000010.D		
Lims ID:	STD PCP1	Client ID:	
Inject. Date:	18-Sep-2012 13:18:53	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0013294-010		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	58097	Lims Sample ID:	10
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:11	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:40:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						M
1	8.312	8.312	0.000	3099846	0.000548	
2	9.273	9.274	-0.001	1067921	0.000601	M
					RPD = 9.32	

QC Flag Legend

Review Flags
M - Manually Integrated

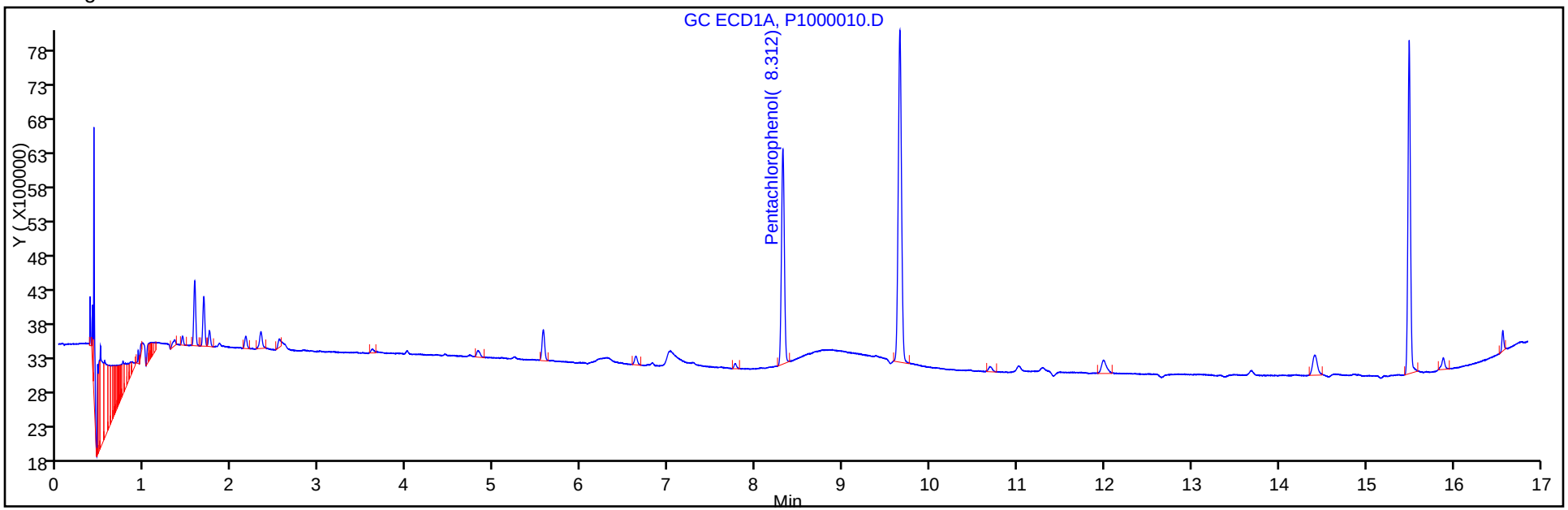
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TestAmerica Canton

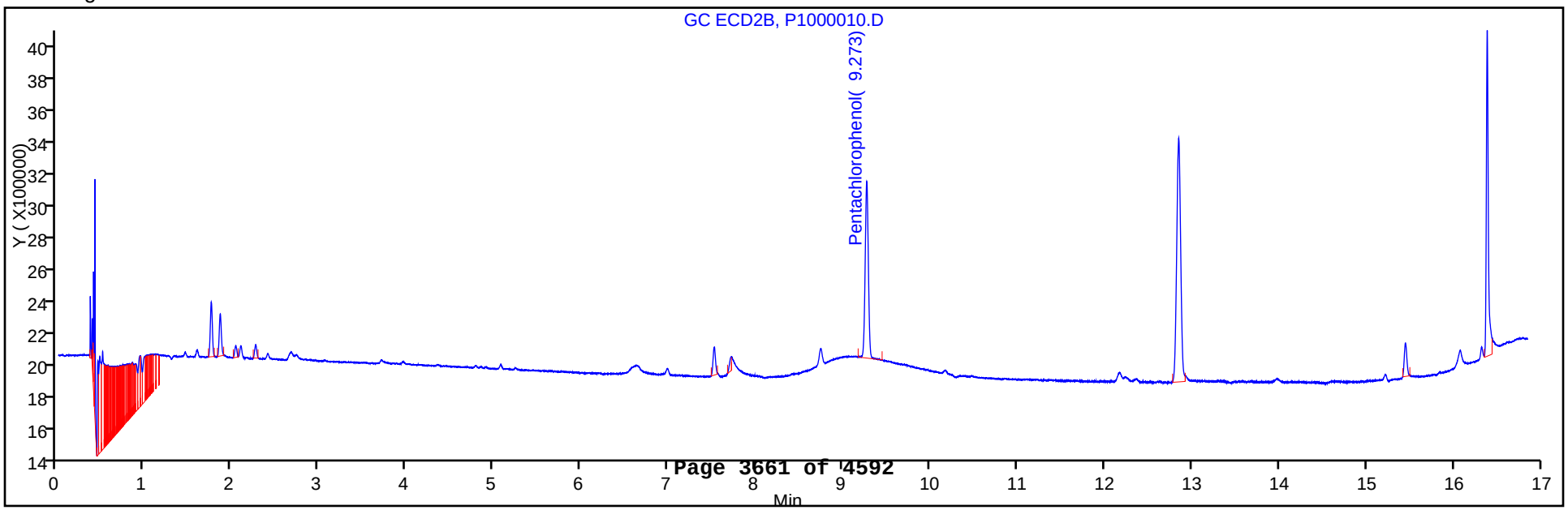
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000010.D

Injection Date:	18-Sep-2012 13:18:53	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

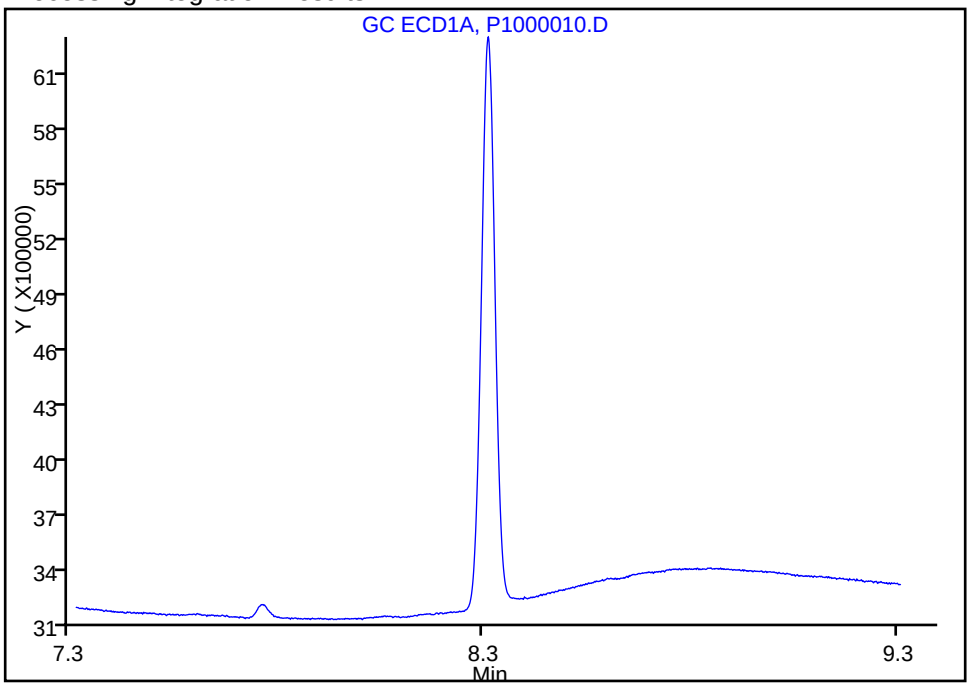
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000010.D		
Injection Date:	18-Sep-2012 13:18:53	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Pentachlorophenol, Signal: 1, Type: quant, RT: 8.31, Det: GC ECD1A

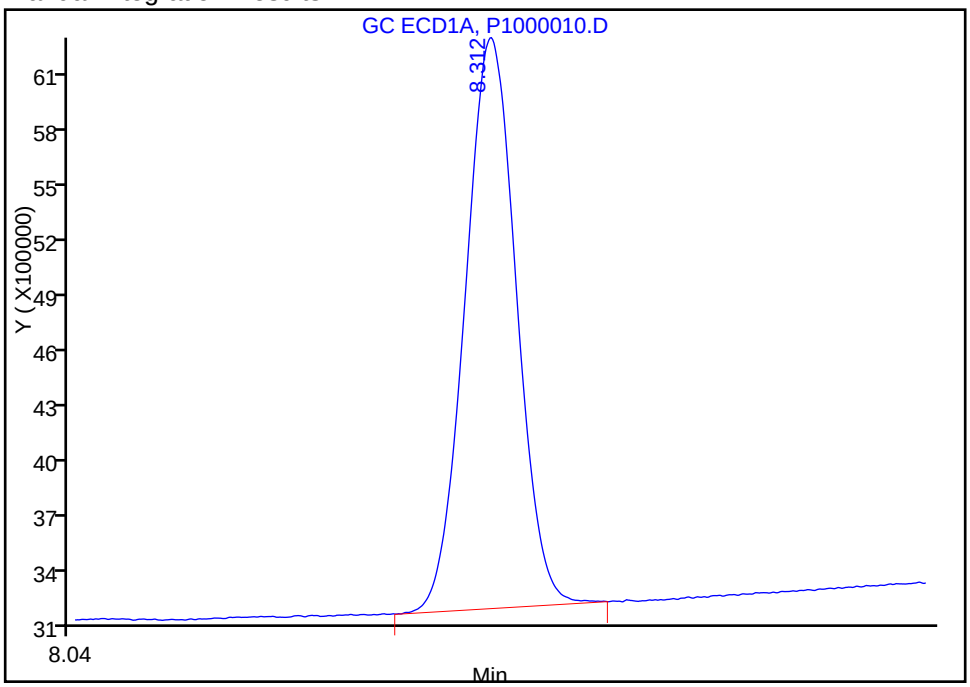
Not Detected
Expected RT: 8.31

Processing Integration Results



Manual Integration Results

RT: 8.31
Response: 3099846
Amount: 0.000548



Reviewer: roachc, 18-Sep-2012 19:40:00
Audit Action: Assigned Compound ID
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000011.D		
Lims ID:	STD PCP2	Client ID:	
Inject. Date:	18-Sep-2012 13:42:37	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0013294-011		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	58097	Lims Sample ID:	11
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:12	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:40:24

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						M
1	8.312	8.312	0.000	8732502	0.004006	
2	9.273	9.274	-0.001	3415013	0.003923	M
					RPD = 2.11	

QC Flag Legend

Review Flags
M - Manually Integrated

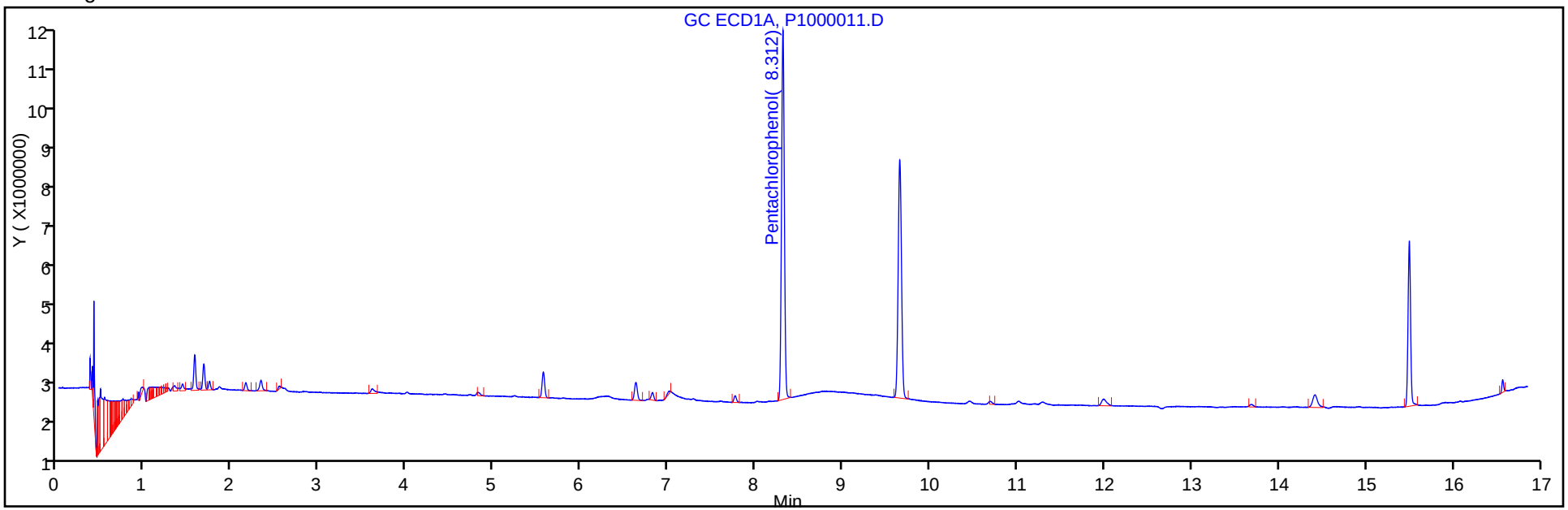
Report Date: 18-Sep-2012 19:47:13 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

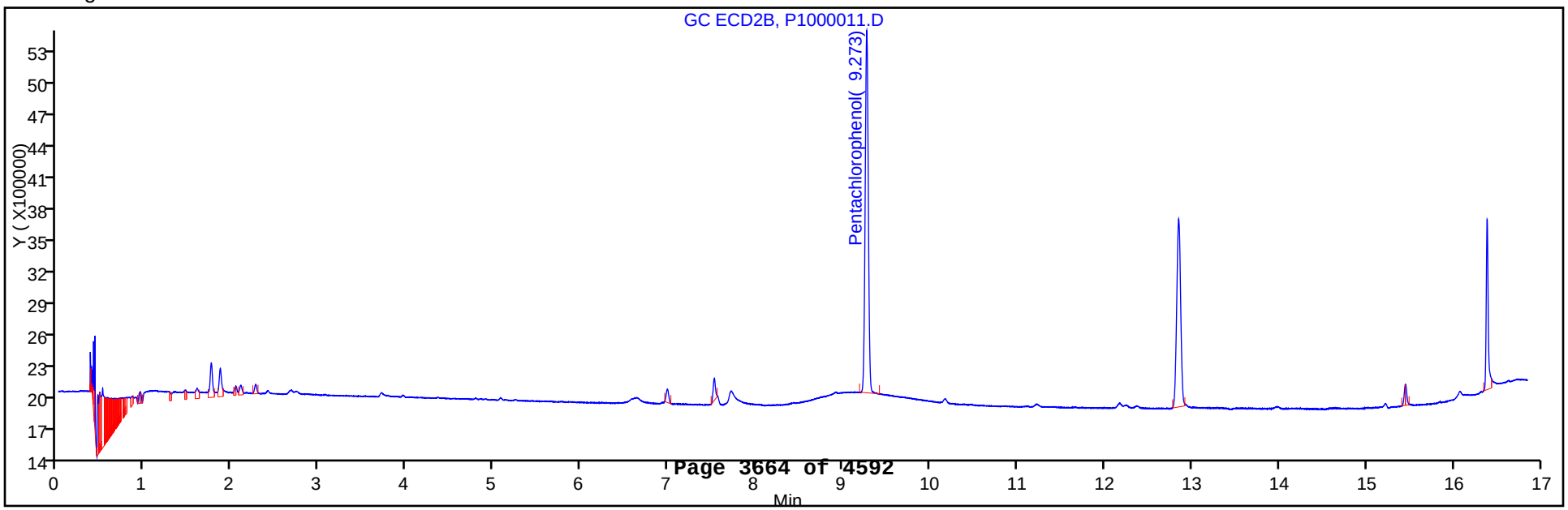
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000011.D

Injection Date:	18-Sep-2012 13:42:37	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	11
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000012.D		
Lims ID:	STD PCP3	Client ID:	
Inject. Date:	18-Sep-2012 14:06:09	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0013294-012		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	58097	Lims Sample ID:	12
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:13	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.312	8.312	0.000	17575409	0.009437	
2	9.274	9.274	0.000	6966343	0.008949	
					RPD = 5.31	

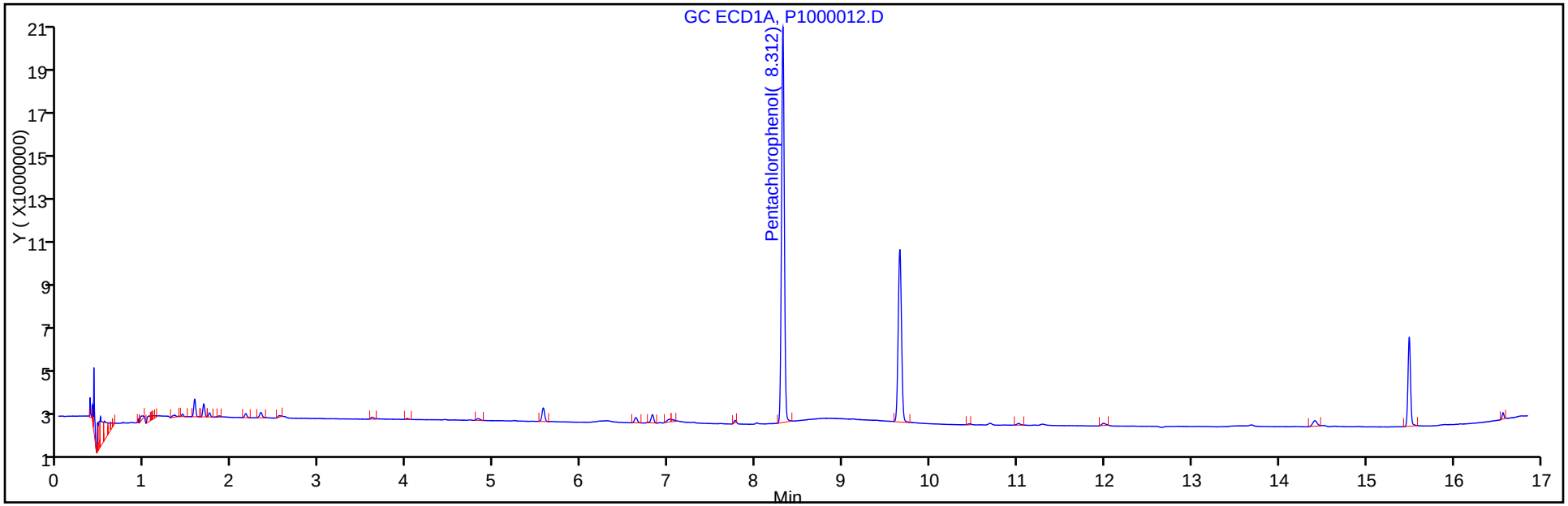
Report Date: 18-Sep-2012 19:47:14 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

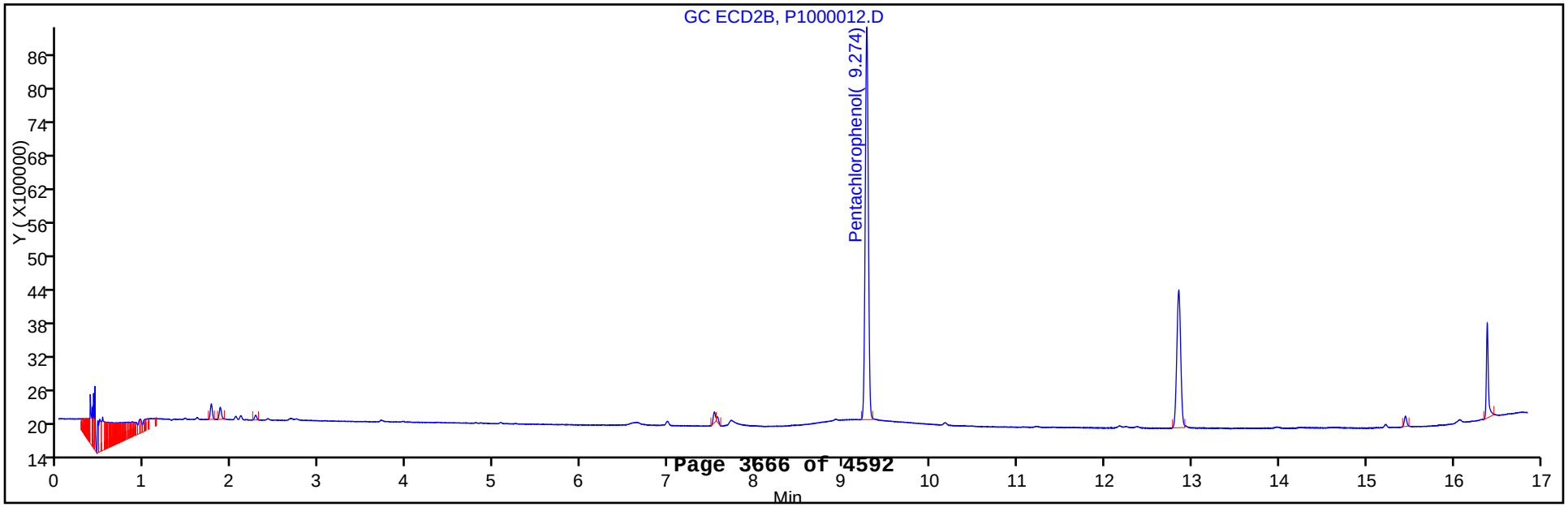
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000012.D

Injection Date:	18-Sep-2012 14:06:09	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	12
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000013.D		
Lims ID:	STD PCP4	Client ID:	
Inject. Date:	18-Sep-2012 14:29:41	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0013294-013		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	58097	Lims Sample ID:	13
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:14	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:42:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.312	8.312	0.000	38856694	0.0225	
2	9.275	9.274	0.001	15675254	0.0213	
					RPD = 5.62	

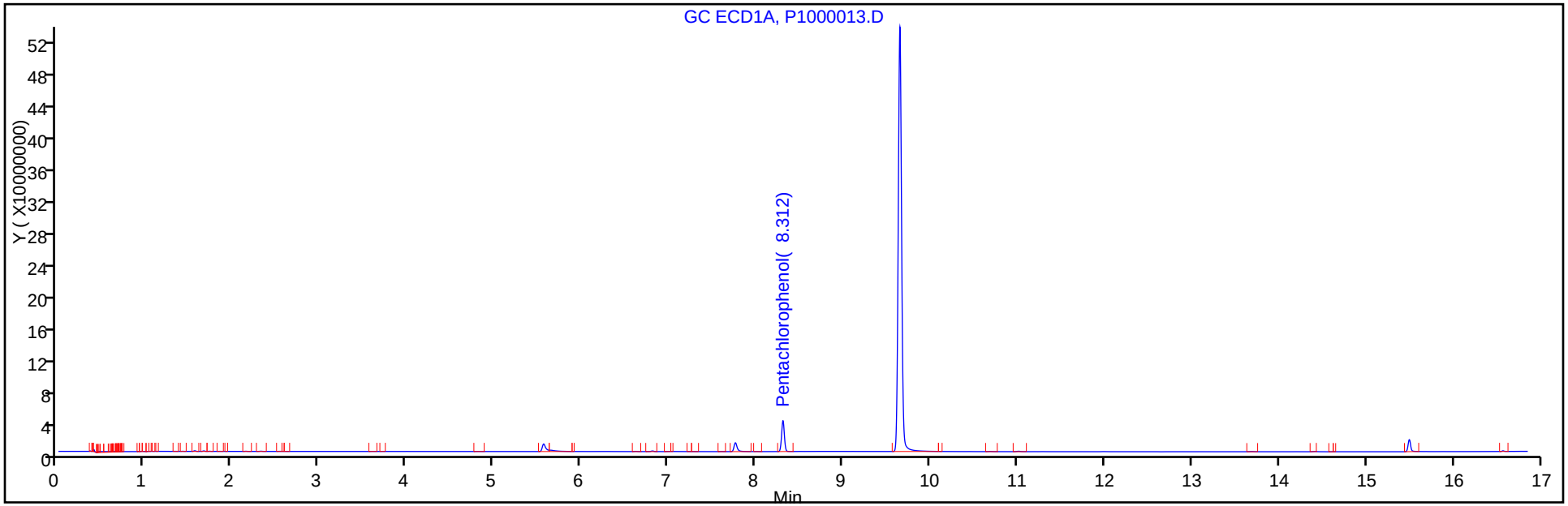
Report Date: 18-Sep-2012 19:47:15 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

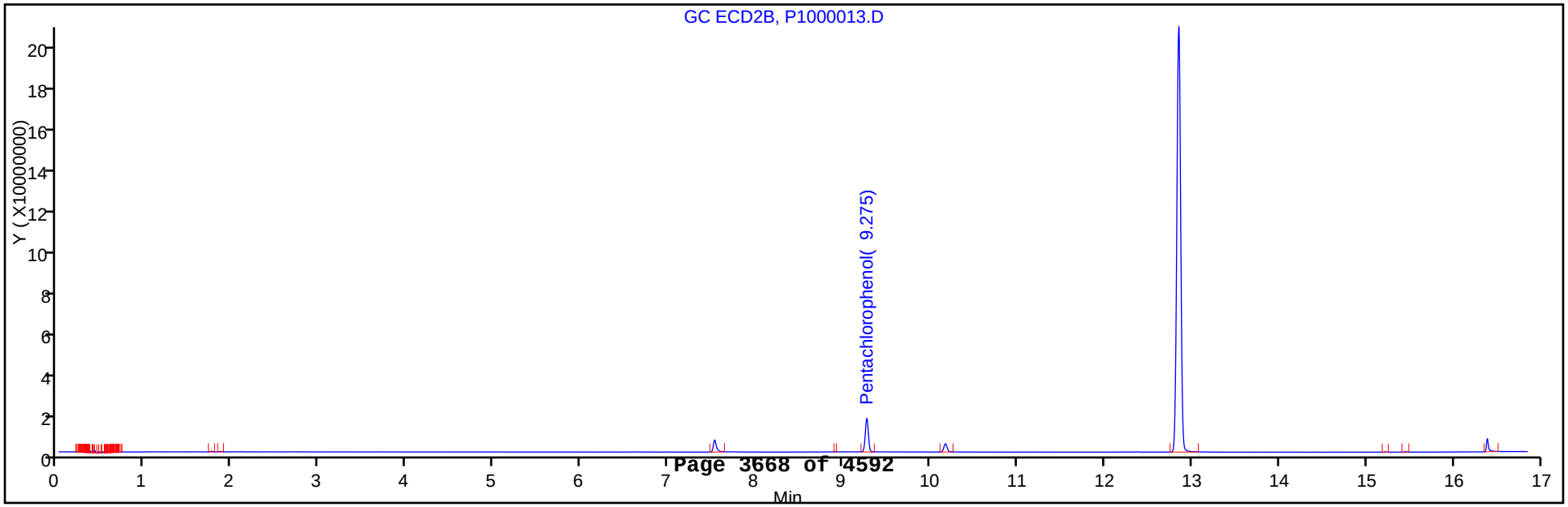
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000013.D

Injection Date:	18-Sep-2012 14:29:41	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	13
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000014.D		
Lims ID:	STD PCP5	Client ID:	
Inject. Date:	18-Sep-2012 14:53:17	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0013294-014		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	58097	Lims Sample ID:	14
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:15	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:42:13

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.313	8.312	0.001	73467680	0.0438	
2	9.273	9.274	-0.001	31458044	0.0436	
					RPD = 0.34	

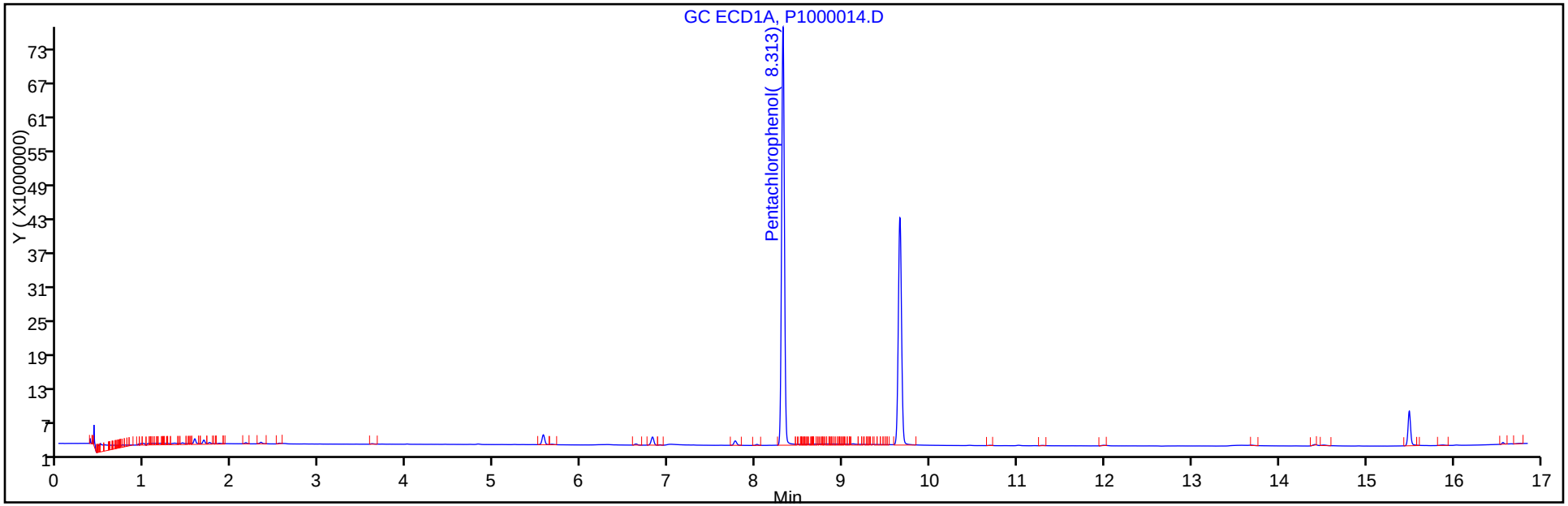
Report Date: 18-Sep-2012 19:47:16 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

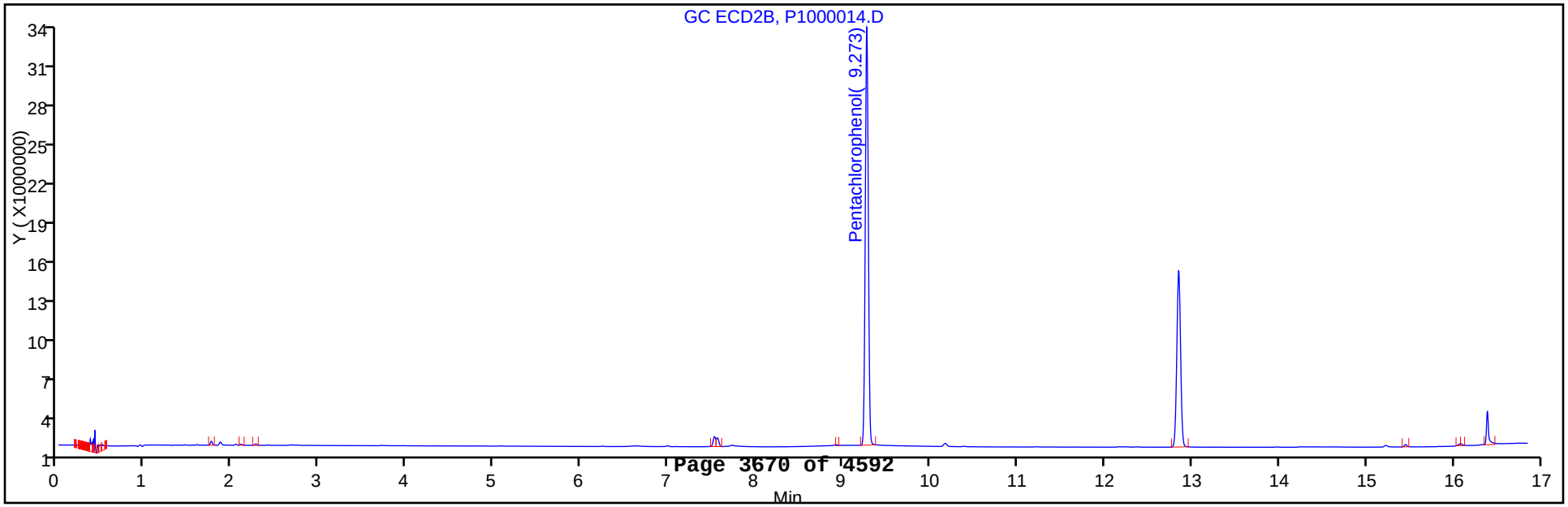
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000014.D

Injection Date:	18-Sep-2012 14:53:17	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	14
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Lims ID:	STD PCP6	Client ID:	
Inject. Date:	18-Sep-2012 15:16:51	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0013294-015		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	58097	Lims Sample ID:	15
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:16	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:42:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.311	8.312	-0.001	124746263	0.0752	
2	9.275	9.274	0.001	55152449	0.0771	
					RPD = 2.49	

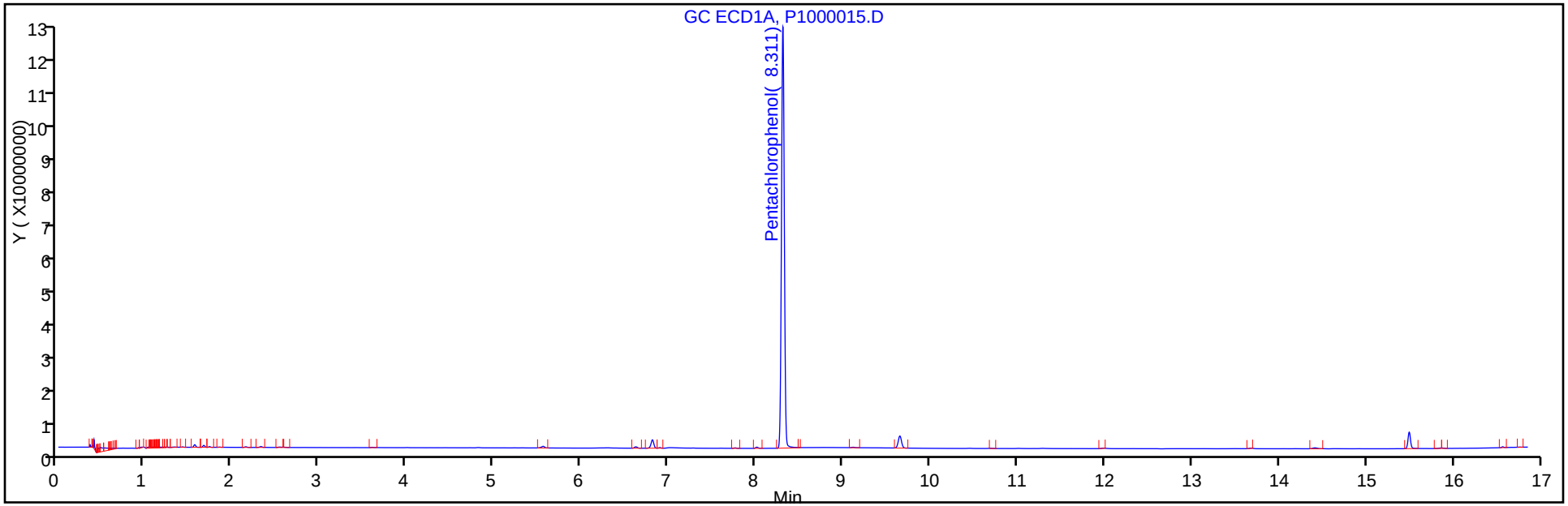
Report Date: 18-Sep-2012 19:47:16 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

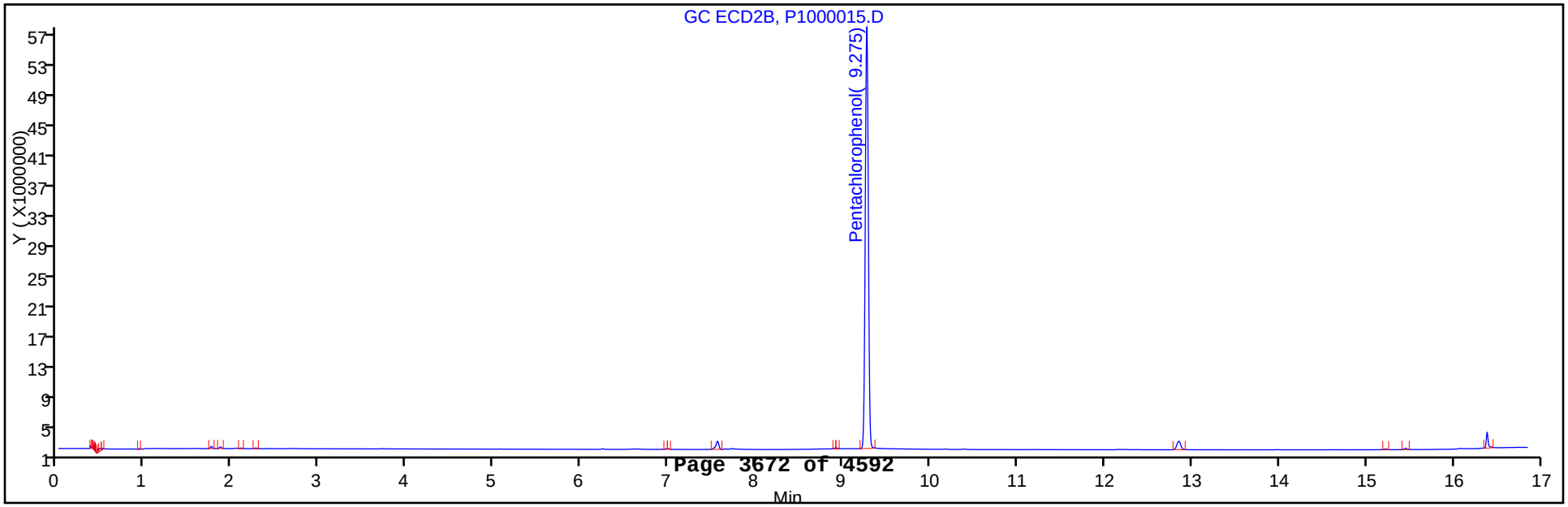
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D

Injection Date:	18-Sep-2012 15:16:51	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	15
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 58097

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 13:18 Calibration End Date: 09/18/2012 15:16 Calibration ID: 11461

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-58097/10	P1000010.D
Level 2	STD 240-58097/11	P1000011.D
Level 3	STD 240-58097/12	P1000012.D
Level 4	STD 240-58097/13	P1000013.D
Level 5	STD 240-58097/14	P1000014.D
Level 6	STD 240-58097/15	P1000015.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Pentachlorophenol	9.273	9.273	9.274	9.275	9.273	9.275					9.254 - 9.294	9.274

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 58097

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 13:18 Calibration End Date: 09/18/2012 15:16 Calibration ID: 11461

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-58097/10	P1000010.D
Level 2	STD 240-58097/11	P1000011.D
Level 3	STD 240-58097/12	P1000012.D
Level 4	STD 240-58097/13	P1000013.D
Level 5	STD 240-58097/14	P1000014.D
Level 6	STD 240-58097/15	P1000015.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								
Pentachlorophenol	2135842000 786451100	683002600 689405613	696634300	783762700	Lin1	643142.801	706599146							0.9940		0.9900

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 58097

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 13:18 Calibration End Date: 09/18/2012 15:16 Calibration ID: 11461

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-58097/10	P1000010.D
Level 2	STD 240-58097/11	P1000011.D
Level 3	STD 240-58097/12	P1000012.D
Level 4	STD 240-58097/13	P1000013.D
Level 5	STD 240-58097/14	P1000014.D
Level 6	STD 240-58097/15	P1000015.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
Pentachlorophenol	Lin1	1067921 55152449	3415013	6966343	15675254	31458044	0.000500 0.0800	0.00500	0.0100	0.0200	0.0400

Curve Type Legend:
Lin1 = Linear 1/Conc by Height

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000010.D		
Lims ID:	STD PCP1	Client ID:	
Inject. Date:	18-Sep-2012 13:18:53	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0013294-010		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	58097	Lims Sample ID:	10
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:11	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:40:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						M
1	8.312	8.312	0.000	3099846	0.000548	
2	9.273	9.274	-0.001	1067921	0.000601	M
					RPD = 9.32	

QC Flag Legend

Review Flags
M - Manually Integrated

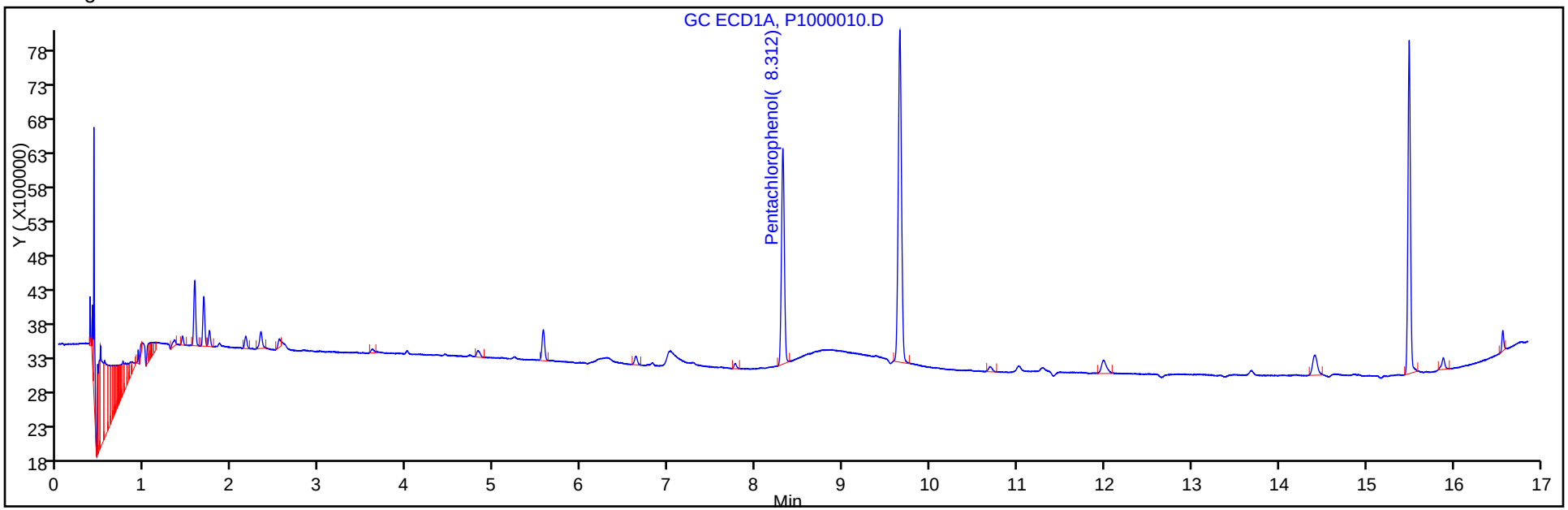
Report Date: 18-Sep-2012 19:47:12 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

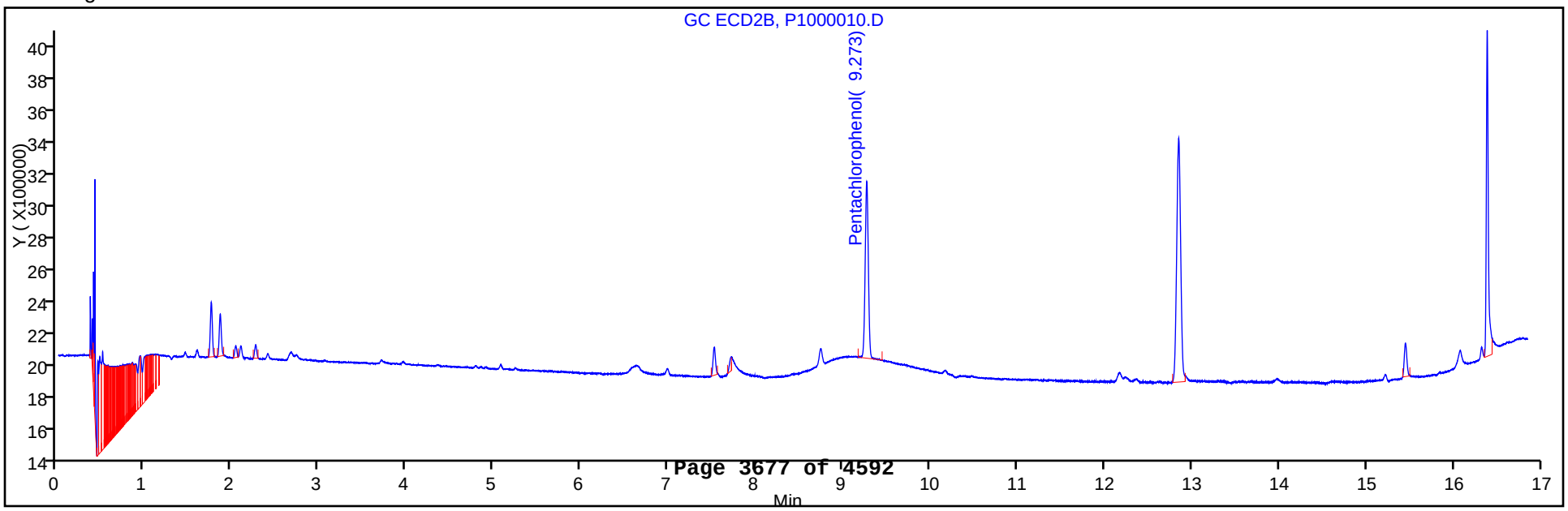
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000010.D

Injection Date:	18-Sep-2012 13:18:53	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

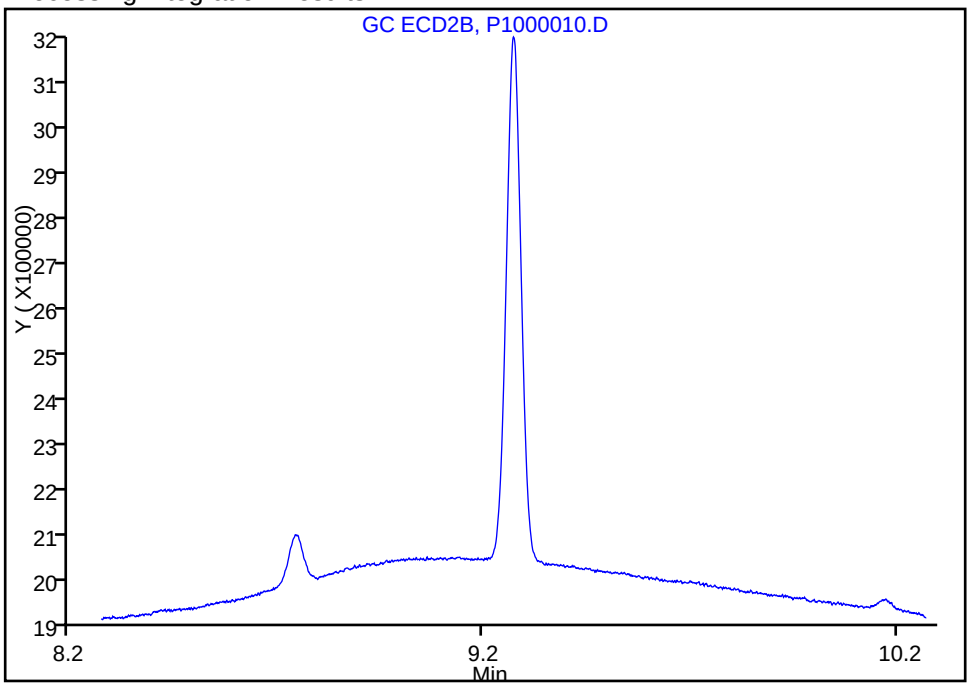
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000010.D		
Injection Date:	18-Sep-2012 13:18:53	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Pentachlorophenol, Signal: 2, Type: quant, RT: 9.27, Det: GC ecd2b

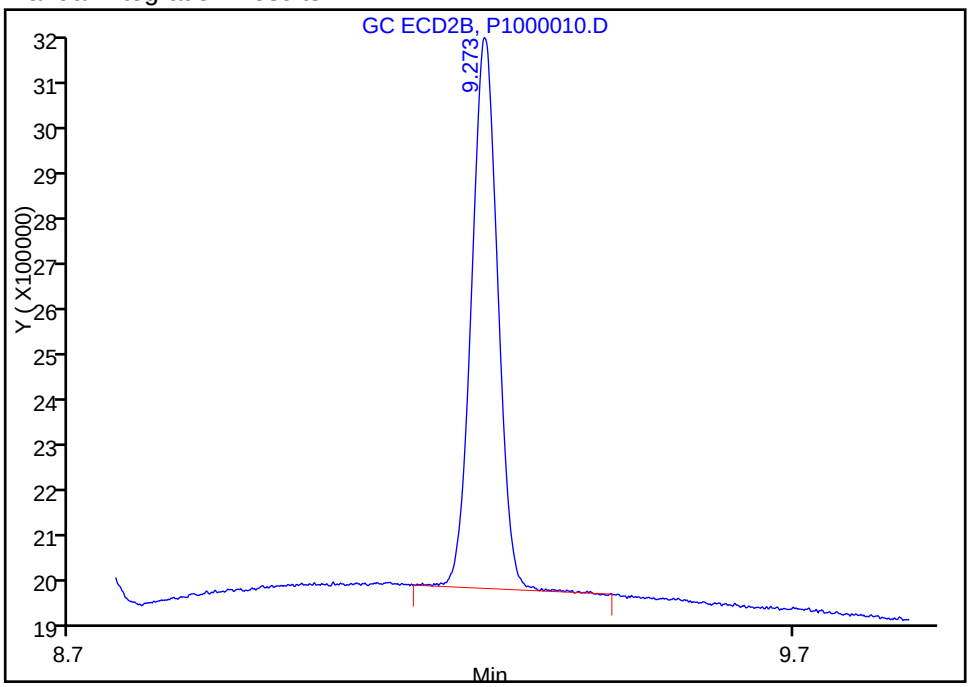
Not Detected
Expected RT: 9.27

Processing Integration Results



Manual Integration Results

RT: 9.27
Response: 1067921
Amount: 0.000601



Reviewer: roachc, 18-Sep-2012 19:40:00
Audit Action: Manually Integrated/Assigned Compound ID
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000011.D		
Lims ID:	STD PCP2	Client ID:	
Inject. Date:	18-Sep-2012 13:42:37	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0013294-011		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	58097	Lims Sample ID:	11
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:12	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:40:24

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						M
1	8.312	8.312	0.000	8732502	0.004006	
2	9.273	9.274	-0.001	3415013	0.003923	M
					RPD = 2.11	

QC Flag Legend

Review Flags
M - Manually Integrated

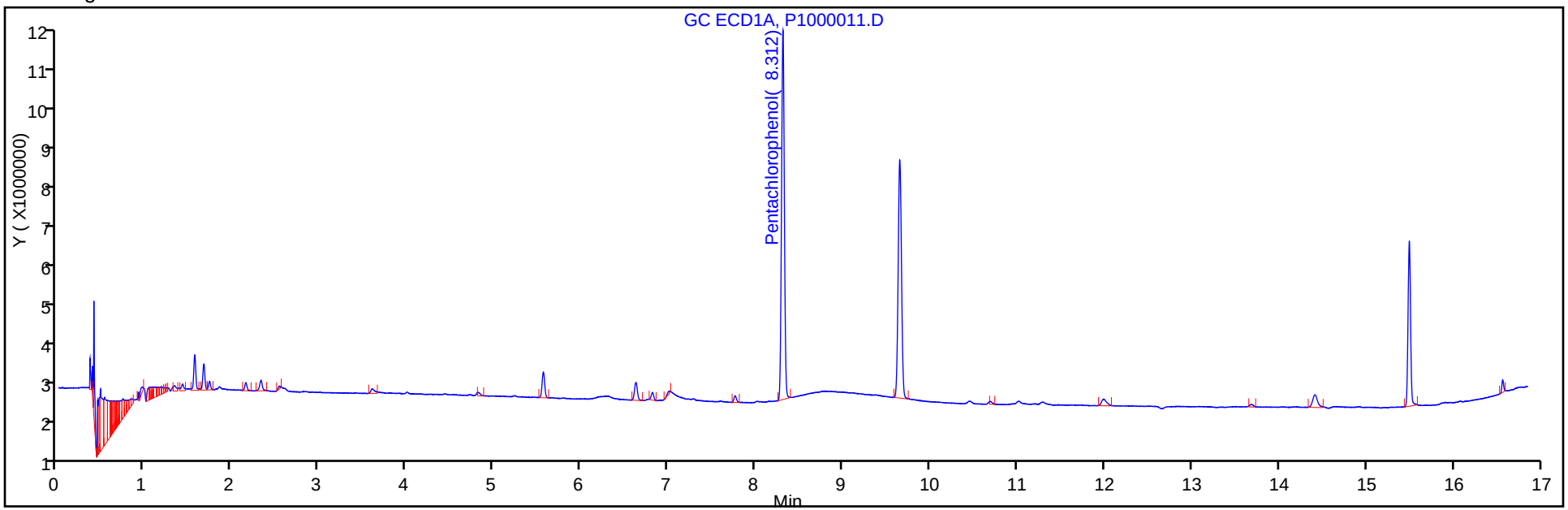
Report Date: 18-Sep-2012 19:47:13 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

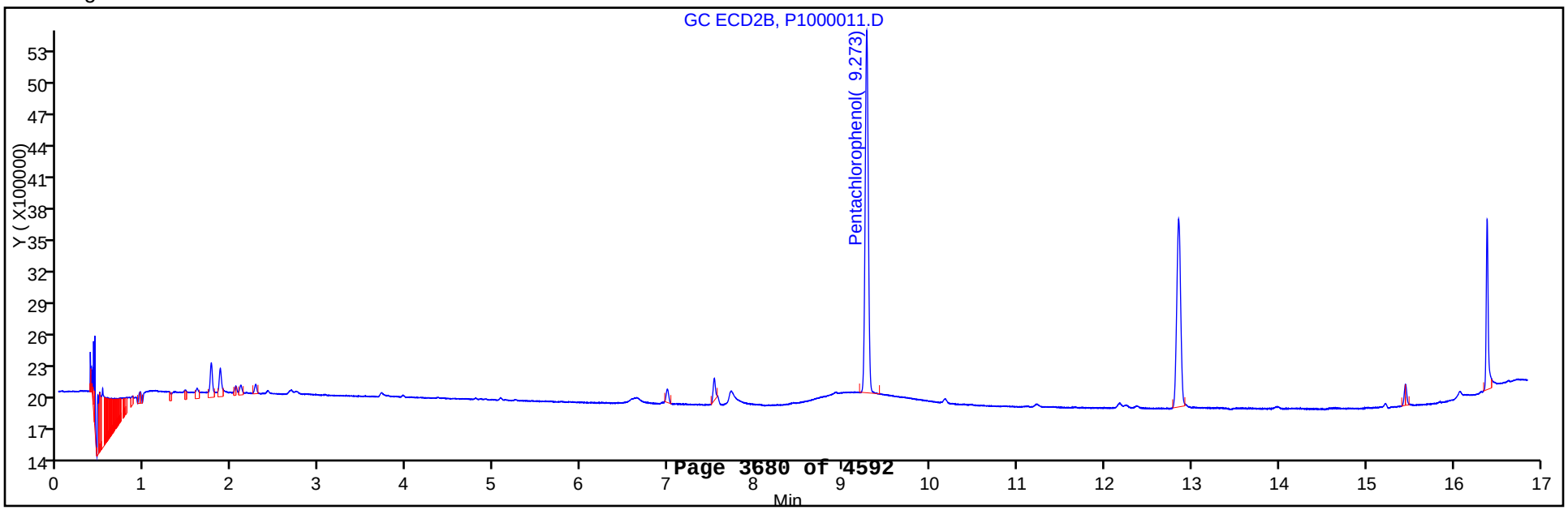
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000011.D

Injection Date:	18-Sep-2012 13:42:37	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	11
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

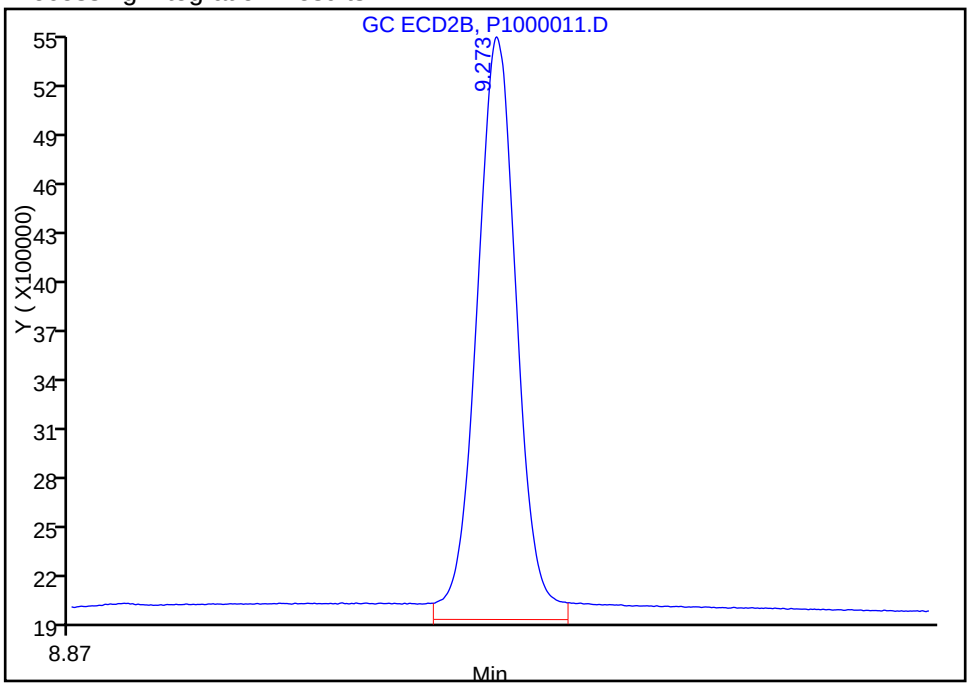
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000011.D		
Injection Date:	18-Sep-2012 13:42:37	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	11
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Pentachlorophenol, Signal: 2, Type: quant, RT: 9.27, Det: GC ecd2b

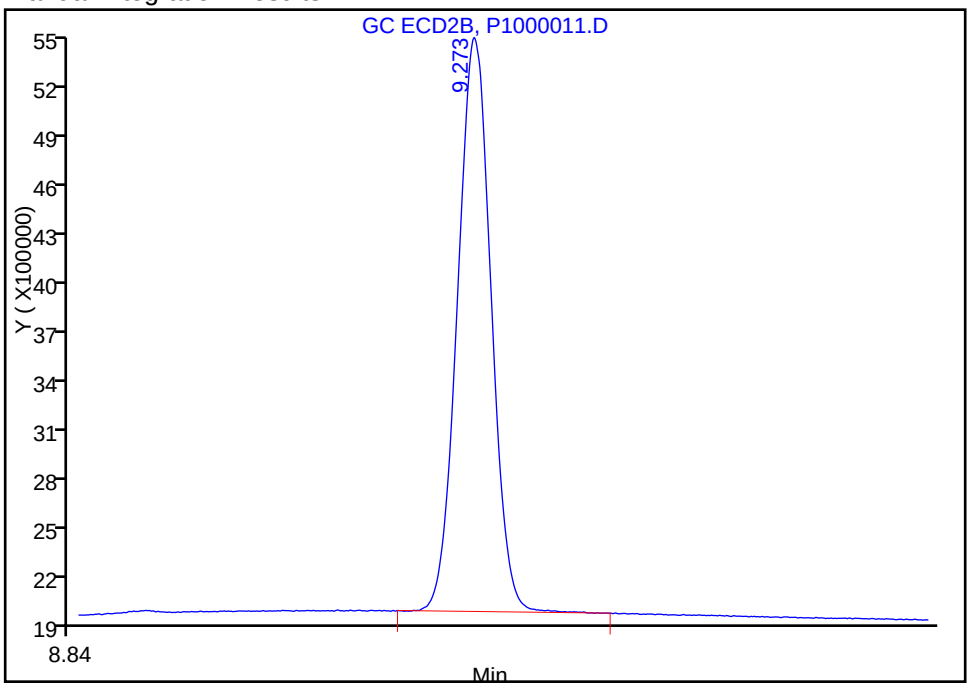
Processing Integration Results

RT: 9.27
Response: 3506411
Amount: 0.004409



Manual Integration Results

RT: 9.27
Response: 3415013
Amount: 0.003923



Reviewer: roachc, 18-Sep-2012 19:40:24
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000012.D		
Lims ID:	STD PCP3	Client ID:	
Inject. Date:	18-Sep-2012 14:06:09	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0013294-012		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	58097	Lims Sample ID:	12
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:13	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.312	8.312	0.000	17575409	0.009437	
2	9.274	9.274	0.000	6966343	0.008949	
					RPD = 5.31	

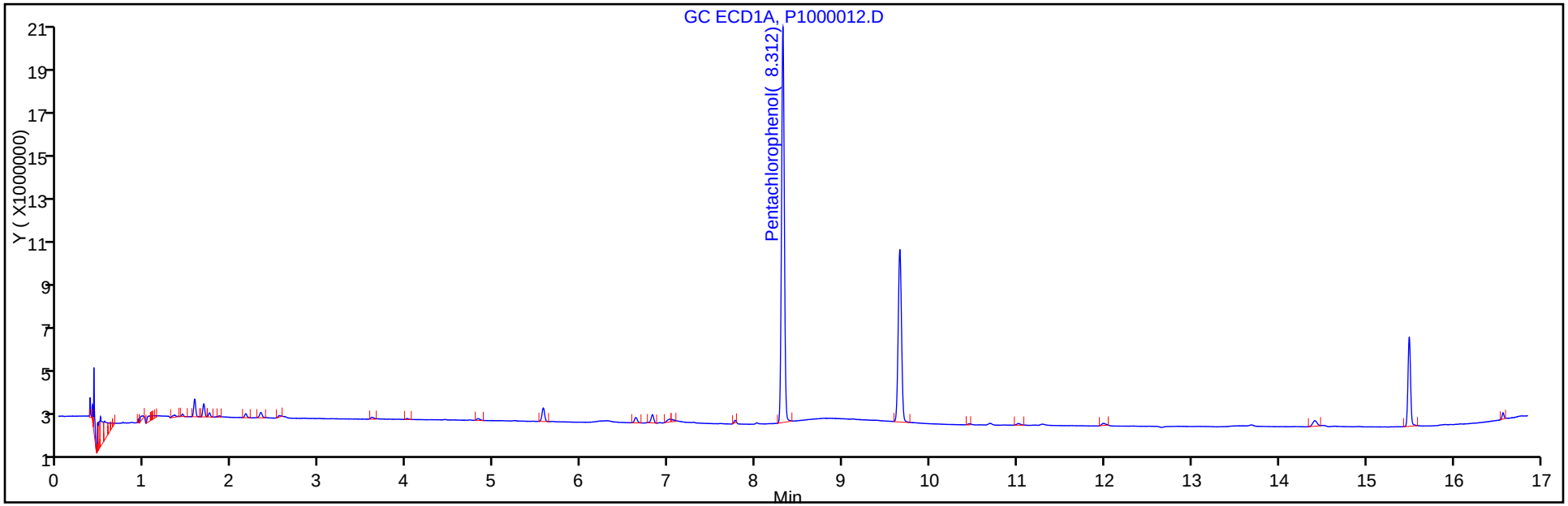
Report Date: 18-Sep-2012 19:47:14 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

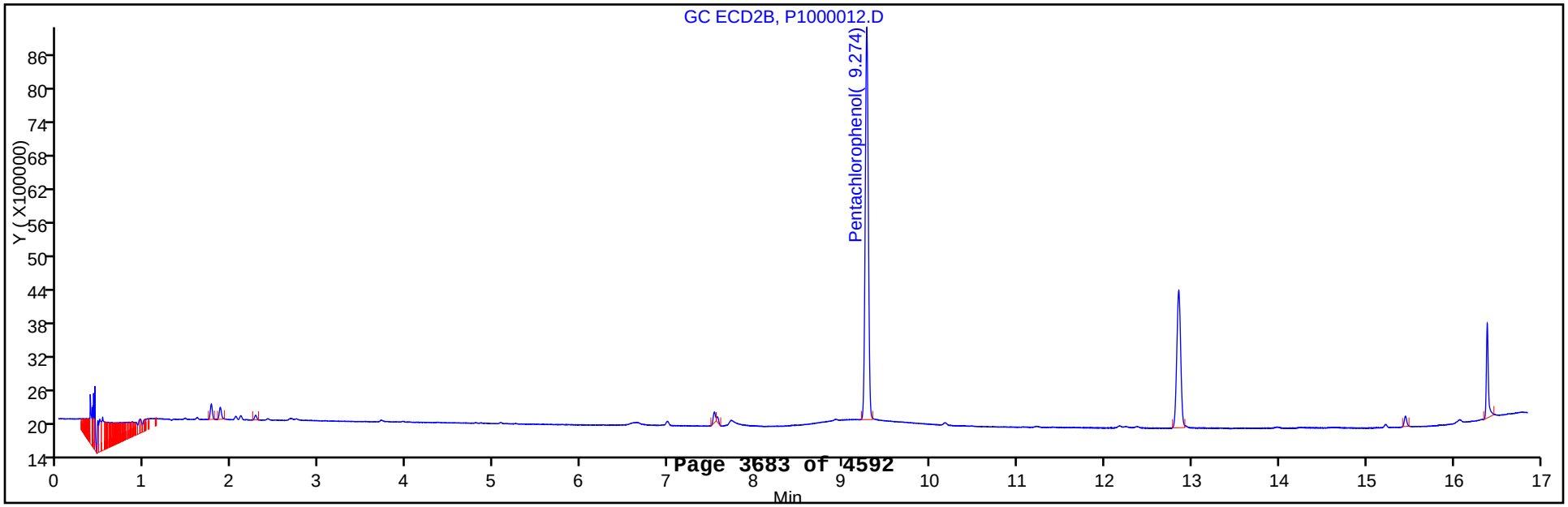
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000012.D

Injection Date:	18-Sep-2012 14:06:09	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	12
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000013.D		
Lims ID:	STD PCP4	Client ID:	
Inject. Date:	18-Sep-2012 14:29:41	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0013294-013		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	58097	Lims Sample ID:	13
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:14	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:42:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.312	8.312	0.000	38856694	0.0225	
2	9.275	9.274	0.001	15675254	0.0213	
					RPD = 5.62	

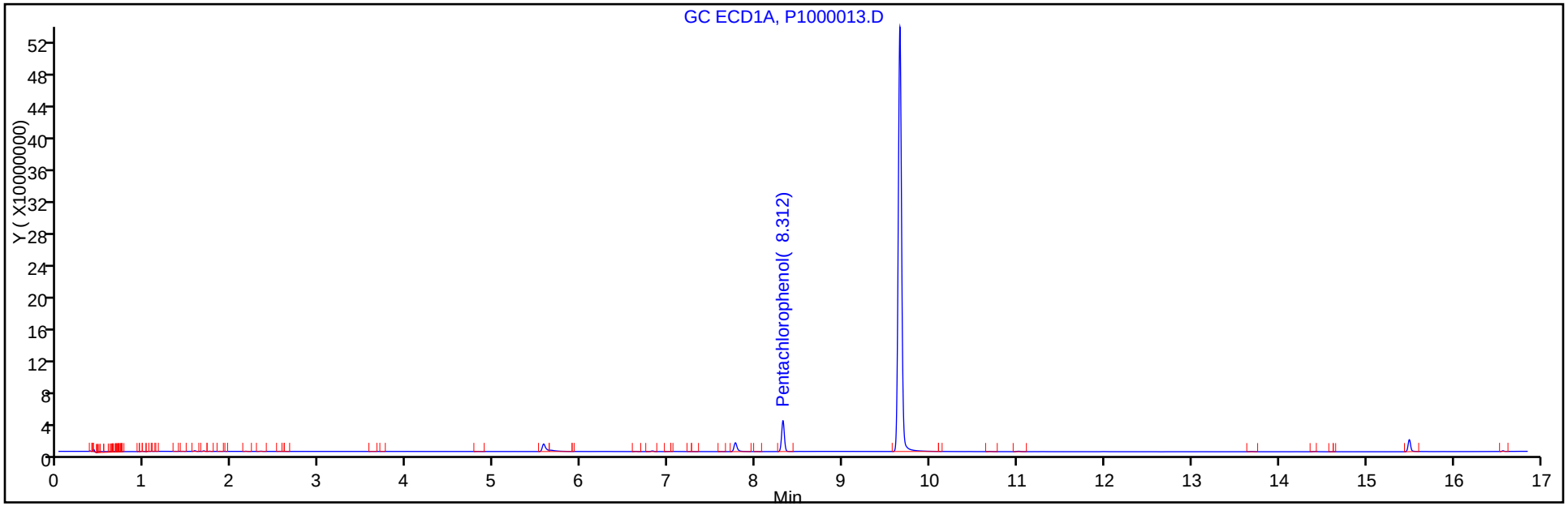
Report Date: 18-Sep-2012 19:47:15 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

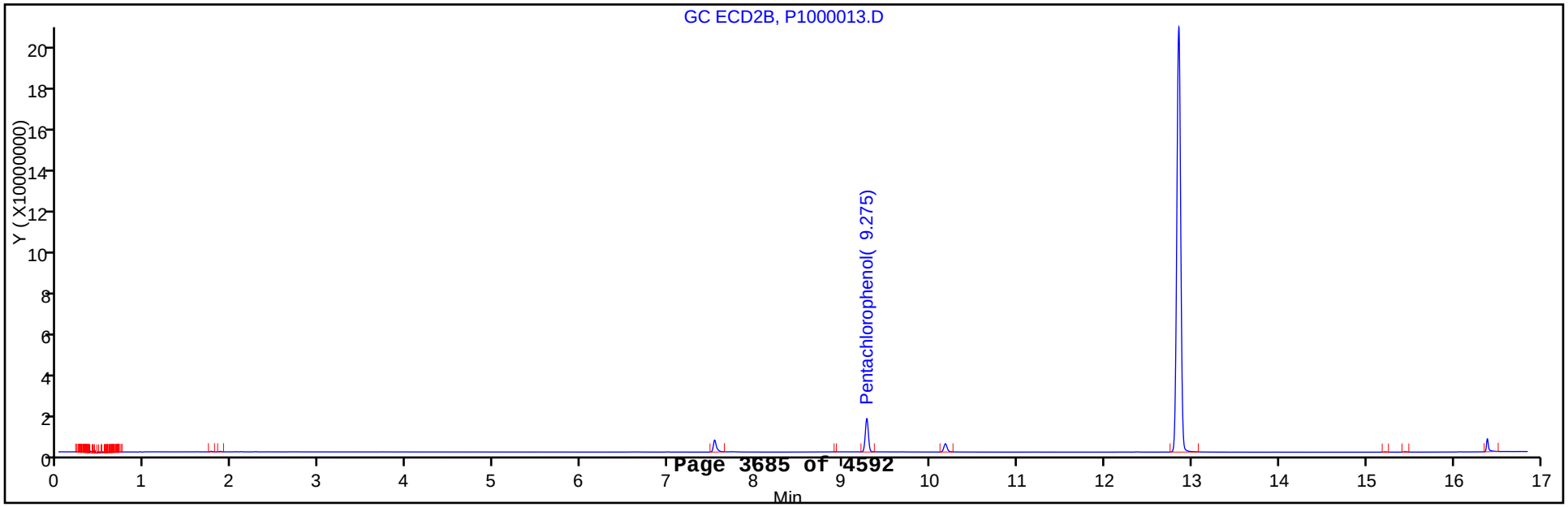
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000013.D

Injection Date:	18-Sep-2012 14:29:41	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	13
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000014.D		
Lims ID:	STD PCP5	Client ID:	
Inject. Date:	18-Sep-2012 14:53:17	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0013294-014		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	58097	Lims Sample ID:	14
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:15	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:42:13

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.313	8.312	0.001	73467680	0.0438	
2	9.273	9.274	-0.001	31458044	0.0436	
					RPD = 0.34	

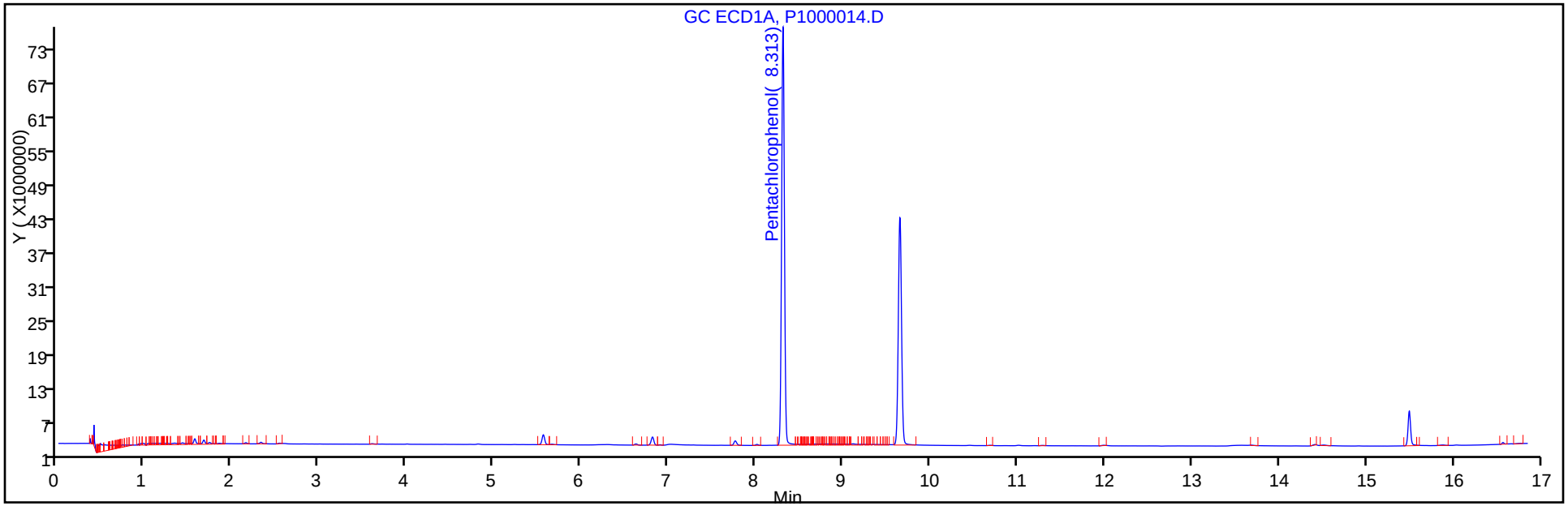
Report Date: 18-Sep-2012 19:47:16 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

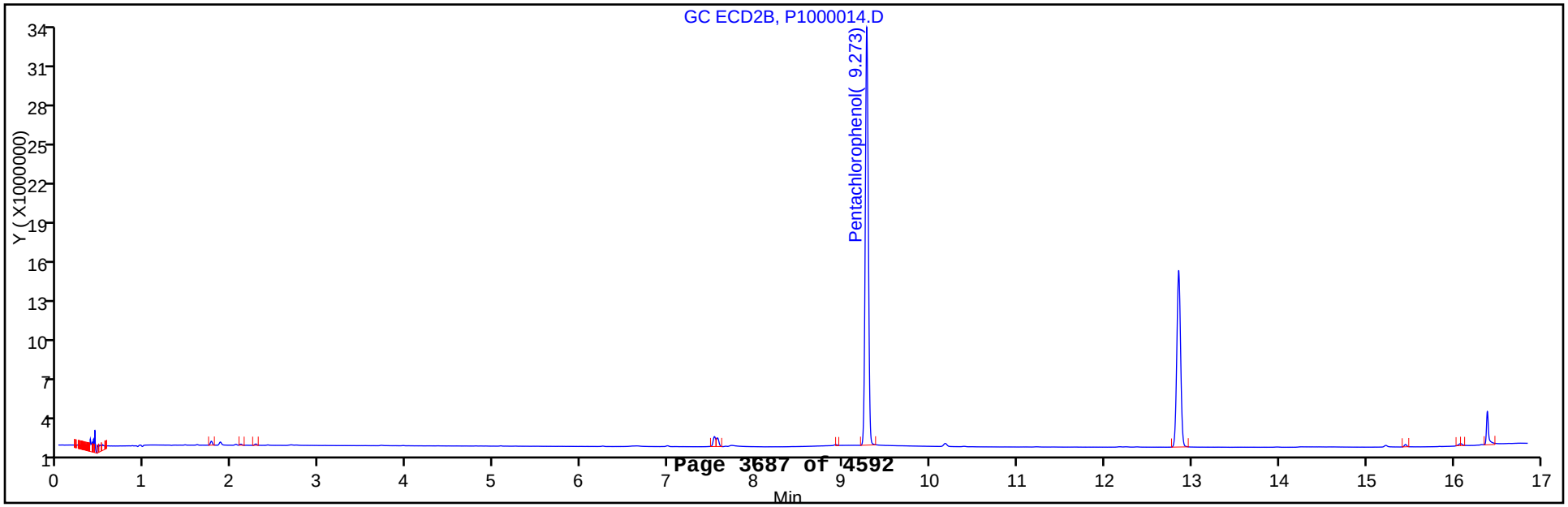
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000014.D

Injection Date:	18-Sep-2012 14:53:17	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	14
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Lims ID:	STD PCP6	Client ID:	
Inject. Date:	18-Sep-2012 15:16:51	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0013294-015		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	58097	Lims Sample ID:	15
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:16	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:42:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.311	8.312	-0.001	124746263	0.0752	
2	9.275	9.274	0.001	55152449	0.0771	
					RPD = 2.49	

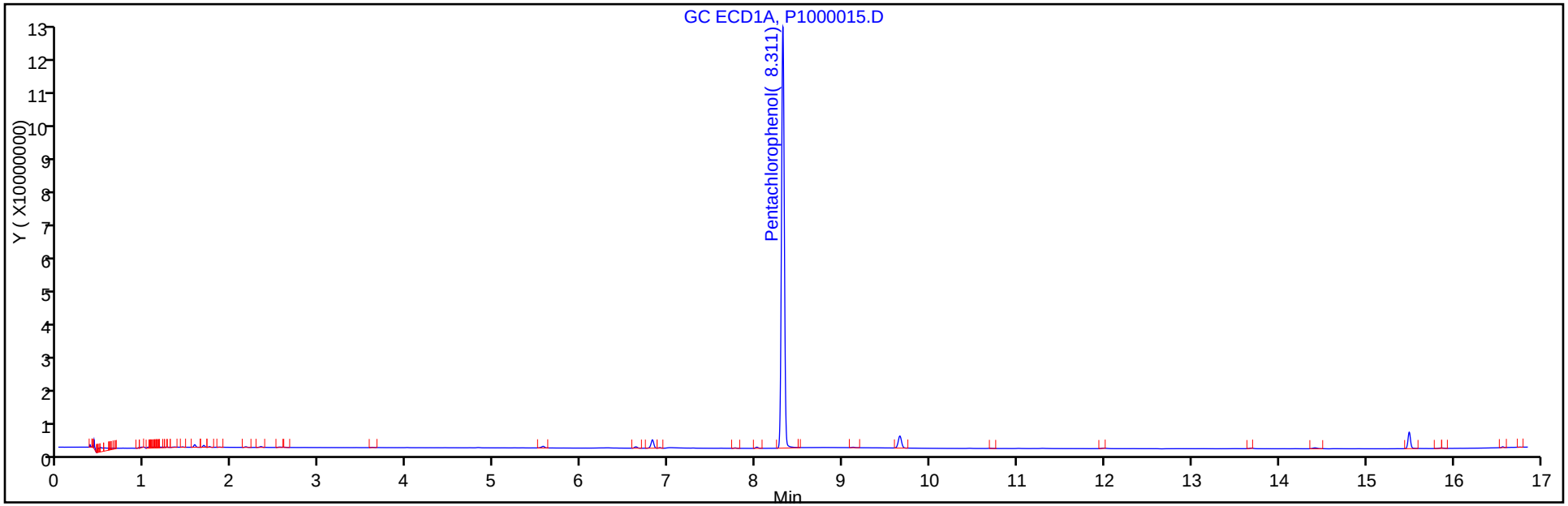
Report Date: 18-Sep-2012 19:47:17 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

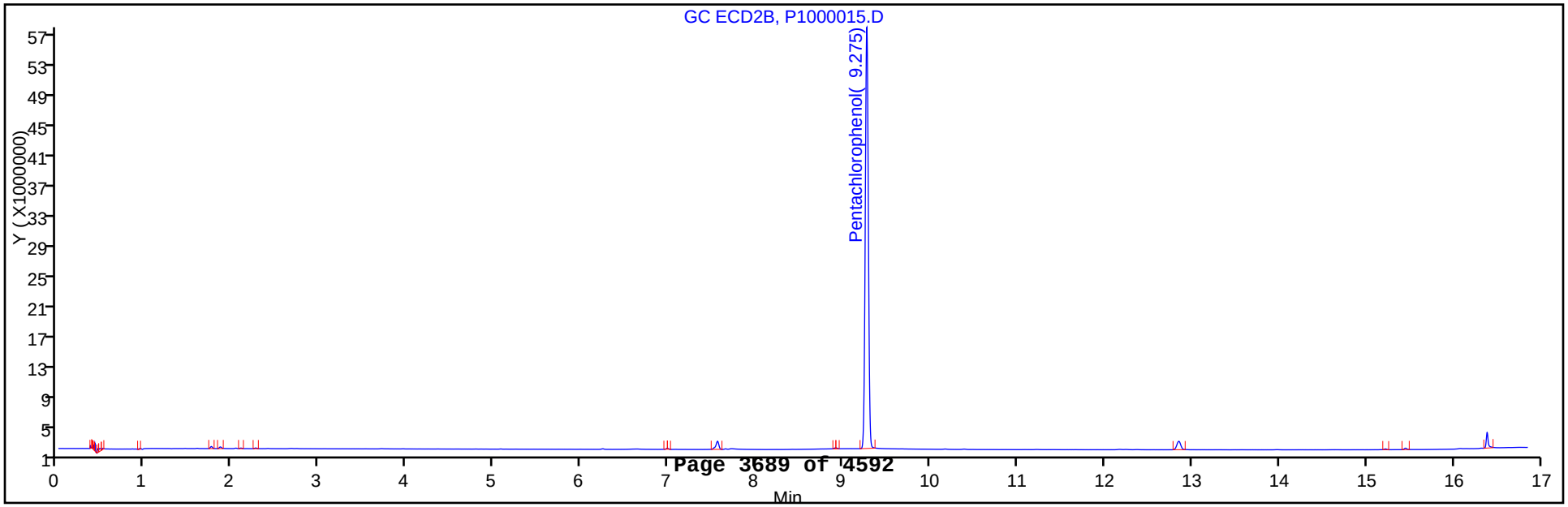
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D

Injection Date:	18-Sep-2012 15:16:51	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	15
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67147

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 17:53 Calibration End Date: 12/03/2012 19:52 Calibration ID: 12573

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67147/6	P1000006.D
Level 2	STD 240-67147/7	P1000007.D
Level 3	STD 240-67147/8	P1000008.D
Level 4	STD 240-67147/9	P1000009.D
Level 5	STD 240-67147/10	P1000010.D
Level 6	STD 240-67147/11	P1000011.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Dalapon	1.248	1.248	1.248	1.247	1.248	1.248					1.227 - 1.267	1.248
Dicamba	7.147	7.144	7.145	7.144	7.146	7.144					7.124 - 7.164	7.145
MCPP	7.431	7.429	7.429	7.429	7.431	7.430					7.408 - 7.448	7.430
MCPA	7.593	7.592	7.593	7.592	7.593	7.592					7.571 - 7.611	7.593
Dichlorprop	7.965	7.964	7.964	7.963	7.962	7.961					7.942 - 7.982	7.963
2,4-D	8.208	8.204	8.202	8.200	8.199	8.197					8.179 - 8.219	8.202
Silvex (2,4,5-TP)	9.083	9.079	9.079	9.078	9.078	9.075					9.057 - 9.097	9.079
2,4,5-T	9.398	9.396	9.394	9.392	9.391	9.387					9.370 - 9.410	9.393
2,4-DB	10.029	10.024	10.024	10.020	10.019	10.014					10.001 - 10.041	10.022
Dinoseb	11.235	11.234	11.231	11.232	11.230	11.229					11.199 - 11.259	11.232
2,4-Dichlorophenylacetic acid	6.981	6.979	6.979	6.979	6.980	6.977					6.957 - 6.997	6.979

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67147

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 17:53 Calibration End Date: 12/03/2012 19:52 Calibration ID: 12573

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67147/6	P1000006.D
Level 2	STD 240-67147/7	P1000007.D
Level 3	STD 240-67147/8	P1000008.D
Level 4	STD 240-67147/9	P1000009.D
Level 5	STD 240-67147/10	P1000010.D
Level 6	STD 240-67147/11	P1000011.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								
Dalapon	551507600 402903031	503534450 379025088	471768525	435733513	Ave		457412034				14.0		20.0			
Dicamba	714015800 557606444	682442500 518453384	640497675	594144038	Ave		617859973				12.0		20.0			
MCPP	861638 497772	840381 434111	737903	605271	Qua	1228039.70	534037.963	-1881.4713						0.9980		0.9900
MCPA	1315060 629725	1147675 546511	962182	766358	Qua	1981824.59	652678.717	-2164.9456						0.9980		0.9900
Dichlorprop	163145150 119660147	159229600 110630689	145164950	132790381	Ave		138436820				15.0		20.0			
2,4-D	165772300 138838872	158626300 131934363	158911513	149145781	Ave		150538188				8.7		20.0			
Silvex (2,4,5-TP)	799153200 731277713	786139000 721755906	778529750	763810300	Ave		763444311				4.1		20.0			
2,4,5-T	601240200 620254688	620375400 619353063	608261000	613258200	Ave		613790425				1.3		20.0			
2,4-DB	65756600 59773497	67626925 60979647	65490575	63429494	Ave		63842789.6				4.7		20.0			
Dinoseb	581582000 454856646	557822000 442825271	516867750	481228875	Ave		505863757				11.0		20.0			
2,4-Dichlorophenylacetic acid	177523500 129357034	168272800 120052263	157149838	142057950	Ave		149068897				15.0		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67147

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 17:53 Calibration End Date: 12/03/2012 19:52 Calibration ID: 12573

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67147/6	P1000006.D
Level 2	STD 240-67147/7	P1000007.D
Level 3	STD 240-67147/8	P1000008.D
Level 4	STD 240-67147/9	P1000009.D
Level 5	STD 240-67147/10	P1000010.D
Level 6	STD 240-67147/11	P1000011.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
Dalapon	Ave	5515076 121288028	10070689	18870741	34858681	64464485	0.0100 0.320	0.0200	0.0400	0.0800	0.160
Dicamba	Ave	7140158 165905083	13648850	25619907	47531523	89217031	0.0100 0.320	0.0200	0.0400	0.0800	0.160
MCPP	Qua	1723275 27783128	3361524	5903220	9684337	15928704	2.00 64.0	4.00	8.00	16.0	32.0
MCPA	Qua	2630120 34976673	4590699	7697459	12261728	20151184	2.00 64.0	4.00	8.00	16.0	32.0
Dichlorprop	Ave	3262903 70803641	6369184	11613196	21246461	38291247	0.0200 0.640	0.0400	0.0800	0.160	0.320
2,4-D	Ave	3315446 84437992	6345052	12712921	23863325	44428439	0.0200 0.640	0.0400	0.0800	0.160	0.320
Silvex (2,4,5-TP)	Ave	3995766 115480945	7861390	15570595	30552412	58502217	0.00500 0.160	0.0100	0.0200	0.0400	0.0800
2,4,5-T	Ave	3006201 99096490	6203754	12165220	24530328	49620375	0.00500 0.160	0.0100	0.0200	0.0400	0.0800
2,4-DB	Ave	1315132 39026974	2705077	5239246	10148719	19127519	0.0200 0.640	0.0400	0.0800	0.160	0.320
Dinoseb	Ave	1744746 42511226	3346932	6202413	11549493	21833119	0.00300 0.0960	0.00600	0.0120	0.0240	0.0480
2,4-Dichlorophenylacetic acid	Ave	3550470 76833448	6730912	12571987	22729272	41394251	0.0200 0.640	0.0400	0.0800	0.160	0.320

Curve Type Legend:

Ave = Average by Height
Qua = Quadratic by Height

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Lims ID:	Std Corp1	Client ID:	
Inject. Date:	03-Dec-2012 17:53:38	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0015481-006		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	67147	Lims Sample ID:	6
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:01	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						M
1	1.248	1.247	0.001	5515076	0.0121	M
2	1.388	1.387	0.001	1656117	0.0114	M
					RPD = 5.61	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.981	6.977	0.004	3550470	0.0238	
2	7.631	7.629	0.002	1425326	0.0230	
					RPD = 3.67	
6 Dicamba						
1	7.147	7.144	0.003	7140158	0.0116	
2	7.798	7.797	0.001	2745368	0.0107	
					RPD = 7.36	
10 MCPP						
1	7.431	7.428	0.003	1723275	0.9304	
2	7.983	7.982	0.001	711202	1.19	
					RPD = 24.76	
9 MCPA						
1	7.593	7.591	0.002	2630120	1.00	
2	8.235	8.233	0.002	1124243	1.35	
					RPD = 30.42	
7 Dichlorprop						M
1	7.965	7.962	0.003	3262903	0.0236	
2	8.597	8.593	0.004	1207535	0.0229	M
					RPD = 2.86	
2 2,4-D						M
1	8.208	8.199	0.009	3315446	0.0220	
2	8.955	8.950	0.005	1344688	0.0217	M
					RPD = 1.54	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						M
1	9.083	9.077	0.006	3995766	0.005234	
2	9.892	9.889	0.003	1480595	0.005215	M
					RPD = 0.36	
1 2,4,5-T						
1	9.398	9.390	0.008	3006201	0.004898	
2	10.371	10.367	0.004	1228064	0.005062	
					RPD = 3.29	
3 2,4-DB						M
1	10.029	10.021	0.008	1315132	0.0206	
2	11.020	11.017	0.003	588019	0.0221	M
					RPD = 7.20	
8 Dinoseb						M
1	11.235	11.229	0.006	1744746	0.003449	
2	11.397	11.396	0.001	660700	0.003417	M
					RPD = 0.94	

QC Flag Legend

Review Flags
M - Manually Integrated

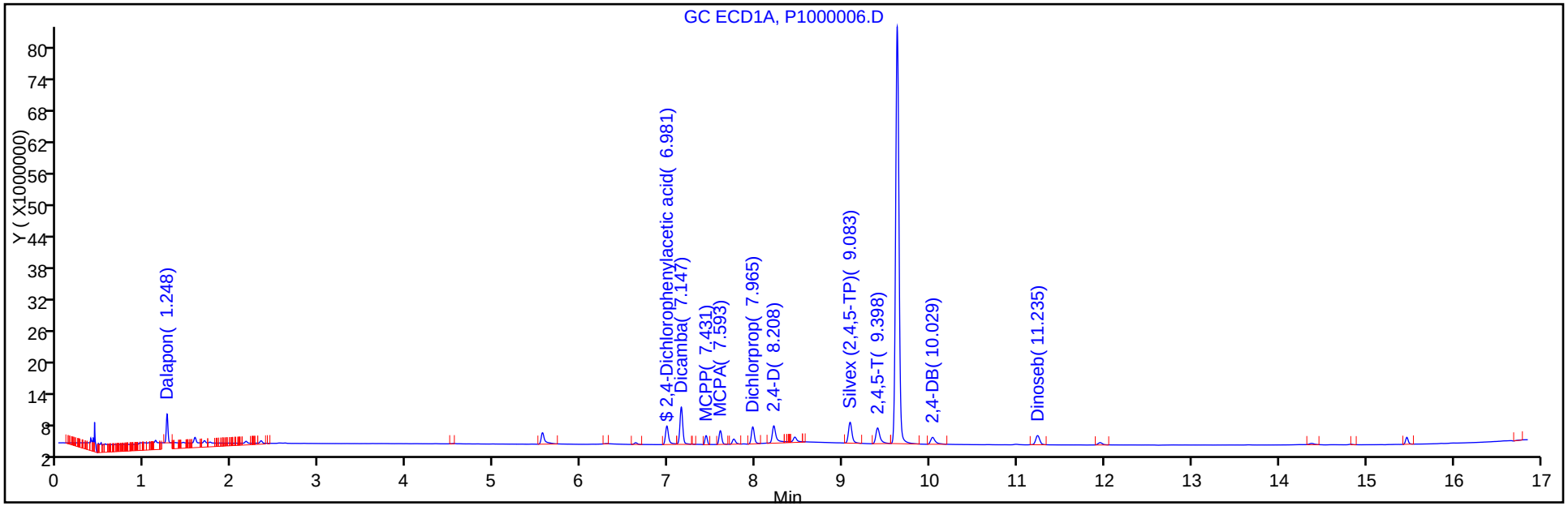
Report Date: 04-Dec-2012 09:15:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

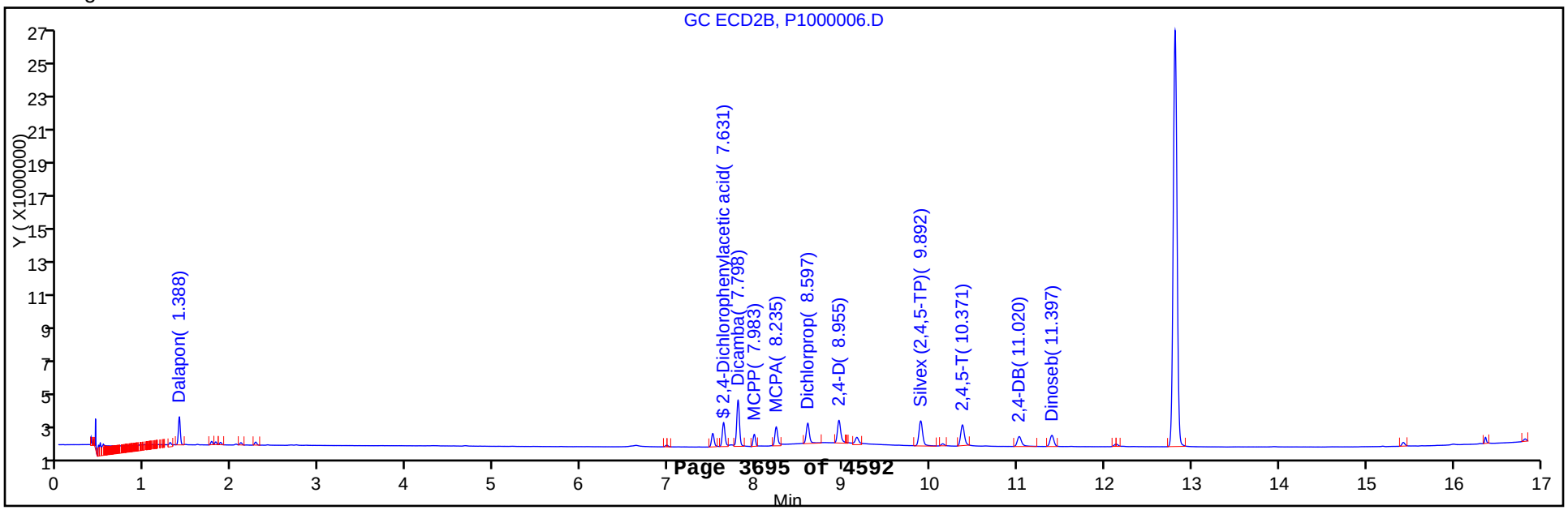
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D

Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

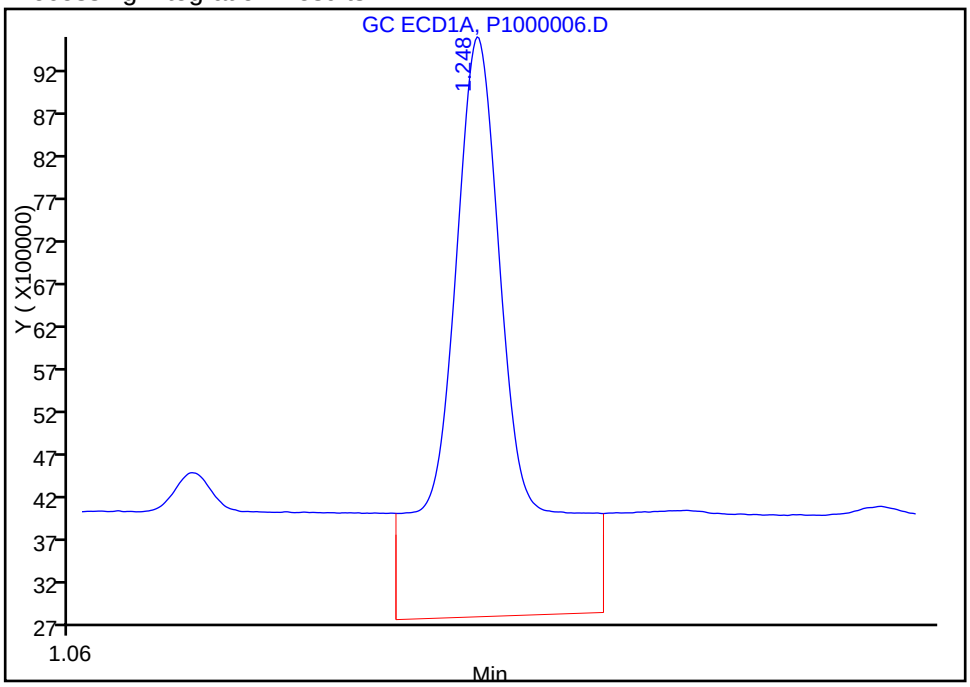
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 Dalapon, Signal: 1, Type: quant, RT: 1.25, Det: GC ECD1A

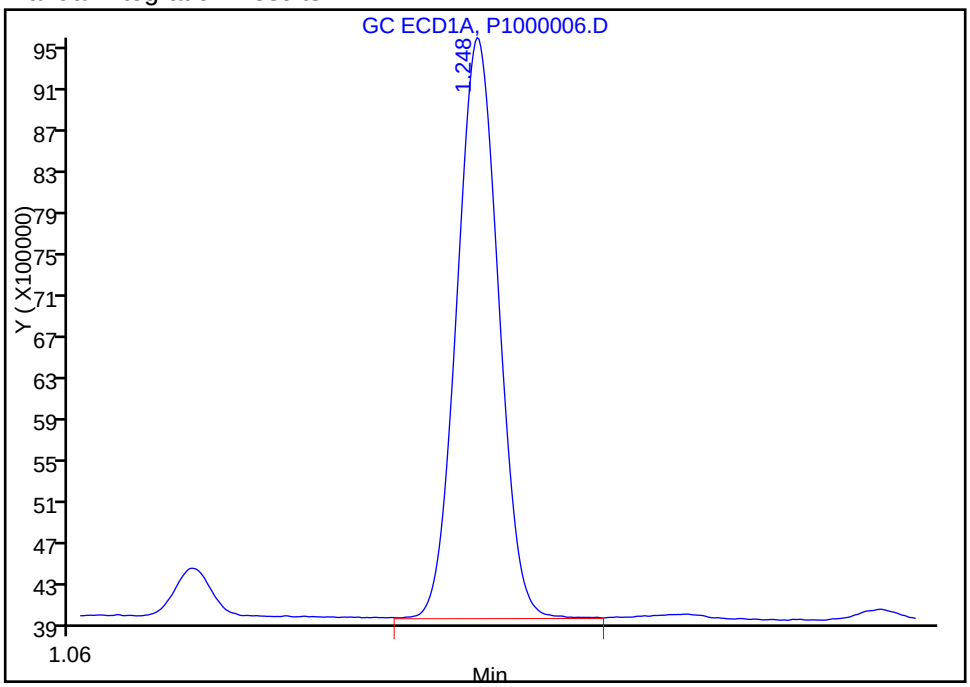
Processing Integration Results

RT: 1.25
Response: 6702579
Amount: 0.009730



Manual Integration Results

RT: 1.25
Response: 5515076
Amount: 0.012057



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000007.D		
Lims ID:	Std Corp2	Client ID:	
Inject. Date:	03-Dec-2012 18:17:22	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0015481-007		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	67147	Lims Sample ID:	7
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:16	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:16

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.247	0.001	10070689	0.0220	
2	1.388	1.387	0.001	3068558	0.0211	
					RPD = 4.15	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.977	0.002	6730912	0.0452	
2	7.629	7.629	0.000	2643576	0.0426	
					RPD = 5.85	
6 Dicamba						
1	7.144	7.144	0.000	13648850	0.0221	
2	7.796	7.797	-0.001	5254637	0.0205	
					RPD = 7.23	
10 MCPP						
1	7.429	7.428	0.001	3361524	4.05	
2	7.981	7.982	-0.001	1330598	3.97	
					RPD = 2.01	
9 MCPA						
1	7.592	7.591	0.001	4590699	4.05	
2	8.234	8.233	0.001	1871817	4.22	
					RPD = 4.16	
7 Dichlorprop						
1	7.964	7.962	0.002	6369184	0.0460	
2	8.594	8.593	0.001	2219646	0.0421	
					RPD = 8.86	
2 2,4-D						
1	8.204	8.199	0.005	6345052	0.0421	
2	8.953	8.950	0.003	2548293	0.0411	
					RPD = 2.53	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.079	9.077	0.002	7861390	0.0103	
2	9.892	9.889	0.003	2857261	0.0101	
					RPD = 2.29	
1 2,4,5-T						
1	9.396	9.390	0.006	6203754	0.0101	
2	10.369	10.367	0.002	2363743	0.009743	
					RPD = 3.67	
3 2,4-DB						
1	10.024	10.021	0.003	2705077	0.0424	
2	11.022	11.017	0.005	1102745	0.0415	
					RPD = 2.04	
8 Dinoseb						M
1	11.234	11.229	0.005	3346932	0.006616	
2	11.398	11.396	0.002	1258558	0.006509	M
					RPD = 1.64	

QC Flag Legend

Review Flags
M - Manually Integrated

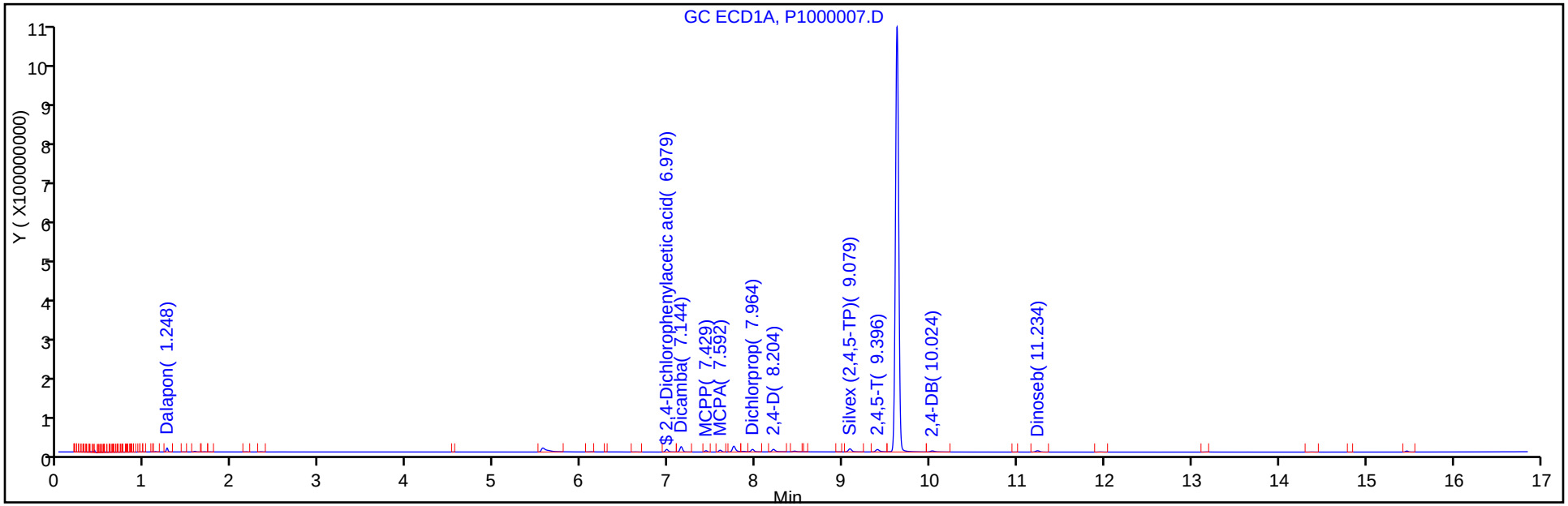
Report Date: 04-Dec-2012 09:15:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

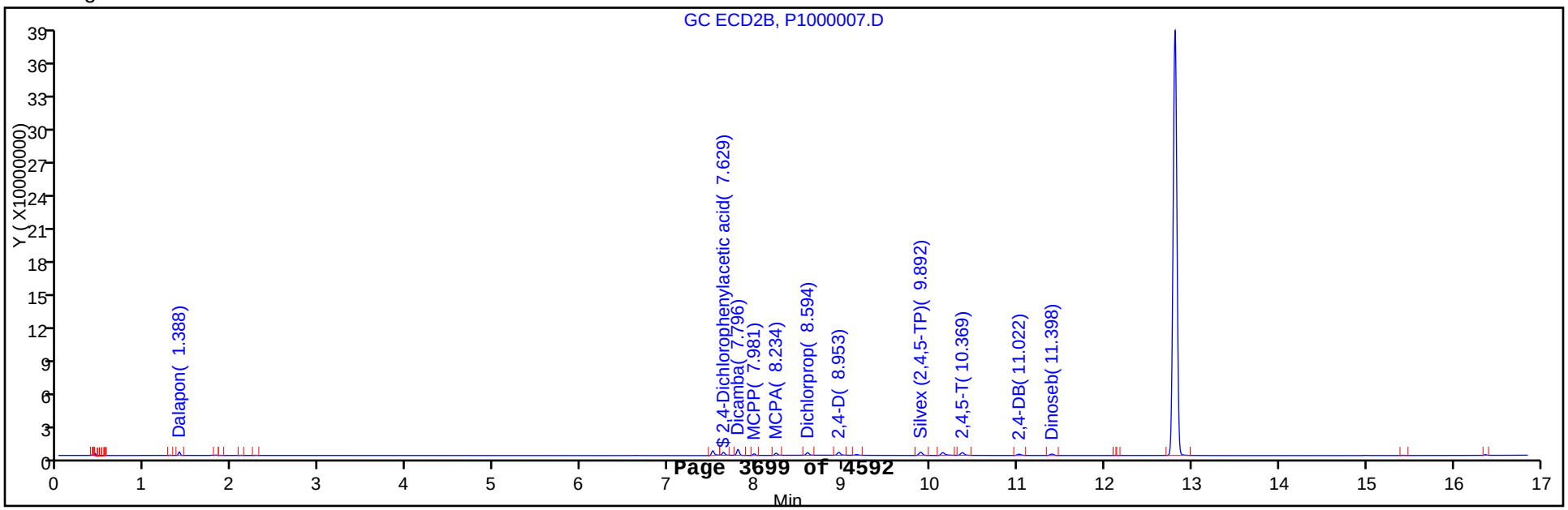
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000007.D

Injection Date:	03-Dec-2012 18:17:22	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	7
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000008.D		
Lims ID:	Std Corp3	Client ID:	
Inject. Date:	03-Dec-2012 18:41:03	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	3
Sample ID:	240-0015481-008		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	67147	Lims Sample ID:	8
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:28	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:28

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.248	0.000	18870741	0.0413	
2	1.388	1.388	0.000	5874679	0.0404	
					RPD = 2.01	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.979	0.000	12571987	0.0843	
2	7.629	7.629	0.000	5098854	0.0821	
					RPD = 2.64	
6 Dicamba						
1	7.145	7.145	0.000	25619907	0.0415	
2	7.797	7.797	0.000	10349643	0.0405	
					RPD = 2.42	
10 MCPP						
1	7.429	7.429	0.000	5903220	9.04	
2	7.982	7.982	0.000	2396223	8.86	
					RPD = 2.01	
9 MCPA						
1	7.593	7.593	0.000	7697459	9.03	
2	8.233	8.233	0.000	3289686	9.67	
					RPD = 6.83	
7 Dichlorprop						M
1	7.964	7.964	0.000	11613196	0.0839	
2	8.594	8.594	0.000	4282046	0.0812	M
					RPD = 3.23	
2 2,4-D						
1	8.202	8.202	0.000	12712921	0.0844	
2	8.950	8.950	0.000	5014235	0.0809	
					RPD = 4.33	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.079	9.079	0.000	15570595	0.0204	
2	9.889	9.889	0.000	5589857	0.0197	
					RPD = 3.52	
1 2,4,5-T						
1	9.394	9.394	0.000	12165220	0.0198	
2	10.369	10.369	0.000	4840695	0.0200	
					RPD = 0.67	
3 2,4-DB						
1	10.024	10.024	0.000	5239246	0.0821	
2	11.019	11.019	0.000	2157722	0.0812	
					RPD = 1.02	
8 Dinoseb						
1	11.231	11.231	0.000	6202413	0.0123	
2	11.395	11.395	0.000	2310831	0.0120	
					RPD = 2.57	

QC Flag Legend

Review Flags
M - Manually Integrated

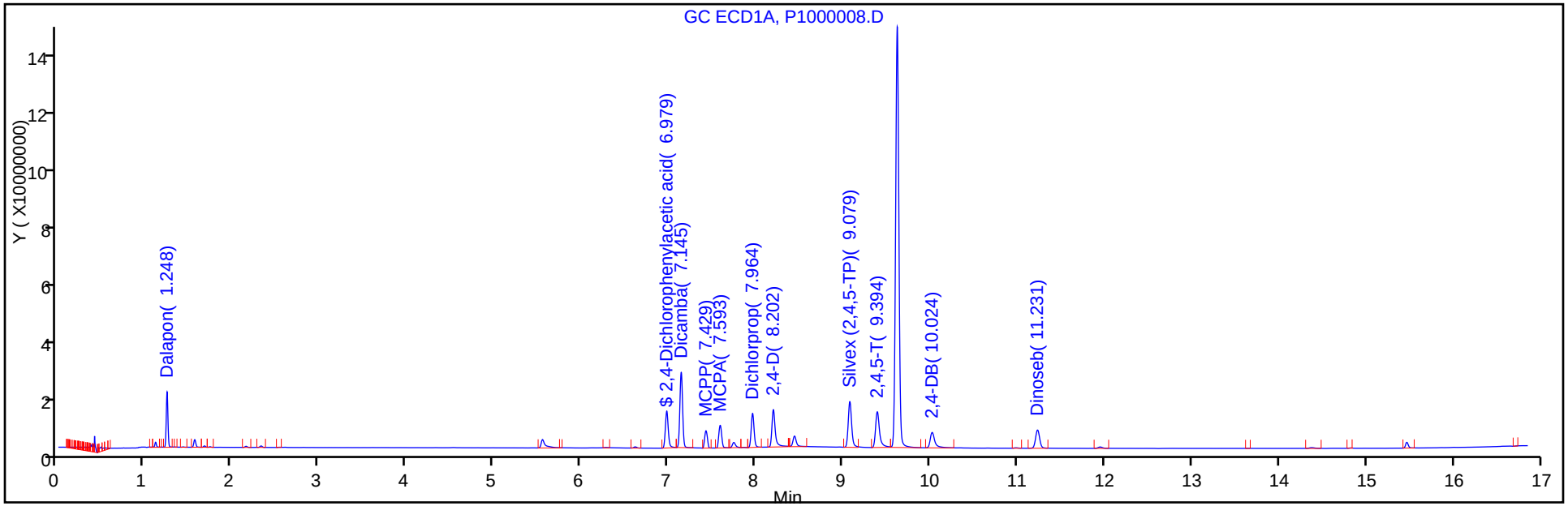
Report Date: 04-Dec-2012 09:15:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

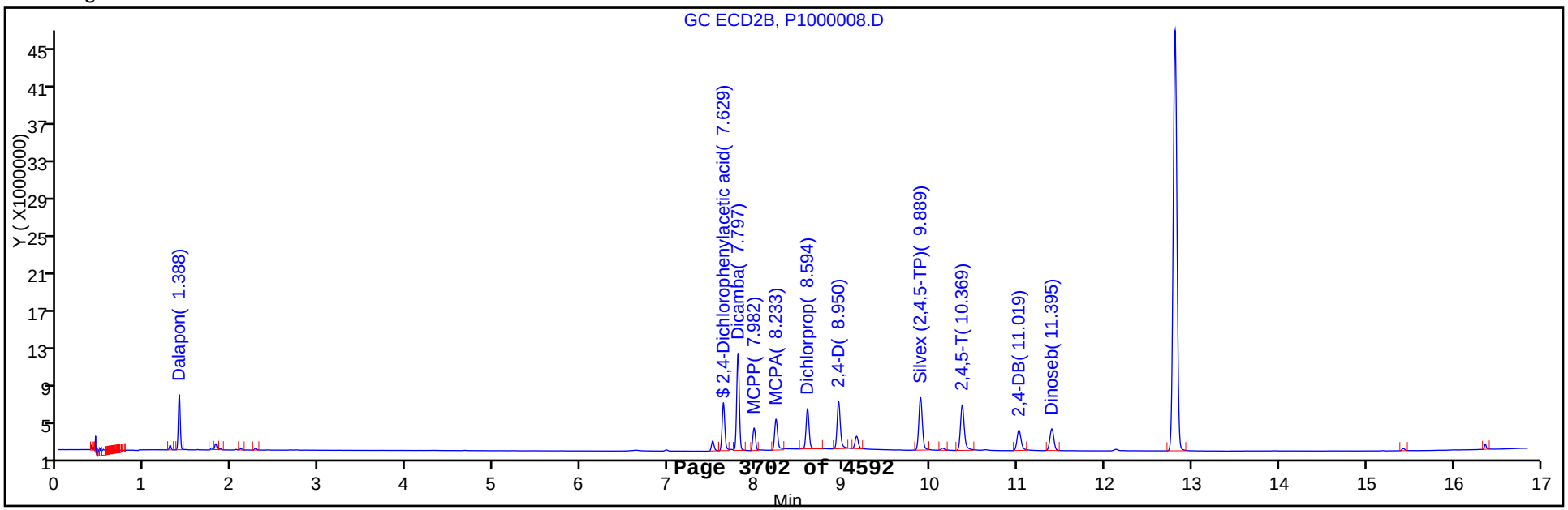
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000008.D

Injection Date:	03-Dec-2012 18:41:03	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	8
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000009.D		
Lims ID:	Std Corp4	Client ID:	
Inject. Date:	03-Dec-2012 19:04:40	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015481-009		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	67147	Lims Sample ID:	9
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:39	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.247	1.248	-0.001	34858681	0.0762	
2	1.388	1.388	0.000	11107906	0.0765	
					RPD = 0.32	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.979	0.000	22729272	0.1525	
2	7.629	7.629	0.000	9412608	0.1516	
					RPD = 0.56	
6 Dicamba						
1	7.144	7.145	-0.001	47531523	0.0769	
2	7.795	7.797	-0.002	20289132	0.0793	
					RPD = 3.09	
10 MCPP						
1	7.429	7.429	0.000	9684337	16.8	
2	7.982	7.982	0.000	4021745	16.6	
					RPD = 1.29	
9 MCPA						
1	7.592	7.593	-0.001	12261728	16.7	
2	8.233	8.233	0.000	5351638	17.6	
					RPD = 5.31	
7 Dichlorprop						
1	7.963	7.964	-0.001	21246461	0.1535	
2	8.594	8.594	0.000	8024771	0.1522	
					RPD = 0.82	
2 2,4-D						
1	8.200	8.202	-0.002	23863325	0.1585	
2	8.950	8.950	0.000	9688389	0.1563	
					RPD = 1.44	

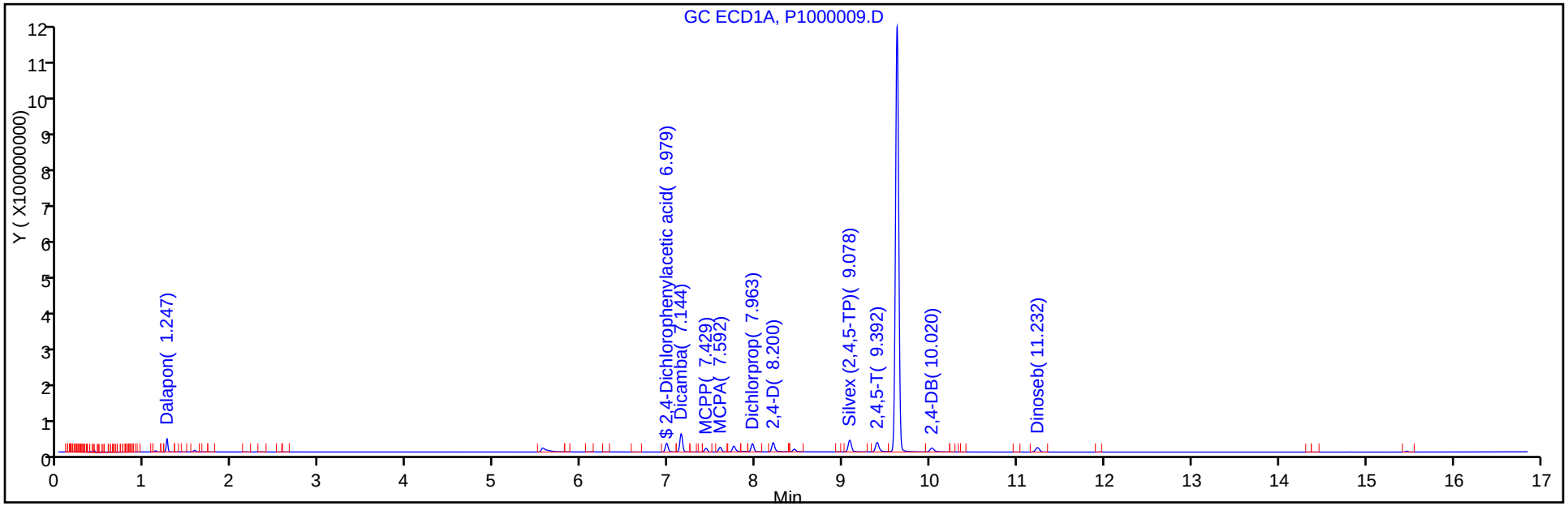
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.078	9.079	-0.001	30552412	0.0400	
2	9.891	9.889	0.002	11206626	0.0395	
					RPD = 1.37	
1 2,4,5-T						
1	9.392	9.394	-0.002	24530328	0.0400	
2	10.368	10.369	-0.001	9639961	0.0397	
					RPD = 0.58	
3 2,4-DB						
1	10.020	10.024	-0.004	10148719	0.1590	
2	11.019	11.019	0.000	4100950	0.1544	
					RPD = 2.92	
8 Dinoseb						
1	11.232	11.231	0.001	11549493	0.0228	
2	11.397	11.395	0.002	4395673	0.0227	
					RPD = 0.44	

Report Date: 04-Dec-2012 09:15:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

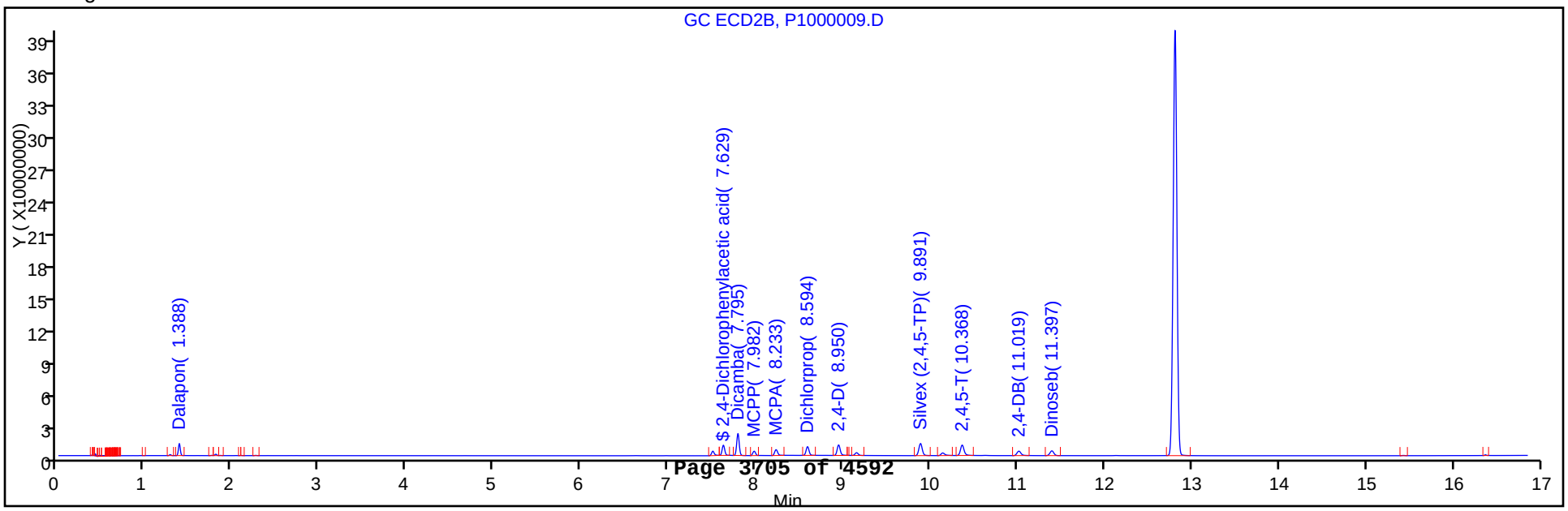
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000009.D		
Injection Date:	03-Dec-2012 19:04:40	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	9
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000010.D		
Lims ID:	Std Corp5	Client ID:	
Inject. Date:	03-Dec-2012 19:28:32	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015481-010		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	67147	Lims Sample ID:	10
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:46	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:46

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.248	0.000	64464485	0.1409	
2	1.388	1.388	0.000	21568381	0.1485	
					RPD = 5.20	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.980	6.979	0.001	41394251	0.2777	
2	7.629	7.629	0.000	18205505	0.2933	
					RPD = 5.46	
6 Dicamba						
1	7.146	7.145	0.001	89217031	0.1444	
2	7.796	7.797	-0.001	39099962	0.1529	
					RPD = 5.73	
10 MCPP						
1	7.431	7.429	0.002	15928704	30.9	
2	7.982	7.982	0.000	6860738	31.2	
					RPD = 0.92	
9 MCPA						
1	7.593	7.593	0.000	20151184	31.0	
2	8.233	8.233	0.000	9176494	32.3	
					RPD = 3.89	
7 Dichlorprop						
1	7.962	7.964	-0.002	38291247	0.2766	
2	8.594	8.594	0.000	15589718	0.2957	
					RPD = 6.68	
2 2,4-D						
1	8.199	8.202	-0.003	44428439	0.2951	
2	8.950	8.950	0.000	18850994	0.3040	
					RPD = 2.97	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.078	9.079	-0.001	58502217	0.0766	
2	9.889	9.889	0.000	22295209	0.0785	
					RPD = 2.45	
1 2,4,5-T						
1	9.391	9.394	-0.003	49620375	0.0808	
2	10.367	10.369	-0.002	19353671	0.0798	
					RPD = 1.33	
3 2,4-DB						
1	10.019	10.024	-0.005	19127519	0.2996	
2	11.017	11.019	-0.002	7833671	0.2949	
					RPD = 1.58	
8 Dinoseb						
1	11.230	11.231	-0.001	21833119	0.0432	
2	11.395	11.395	0.000	8433303	0.0436	
					RPD = 1.04	

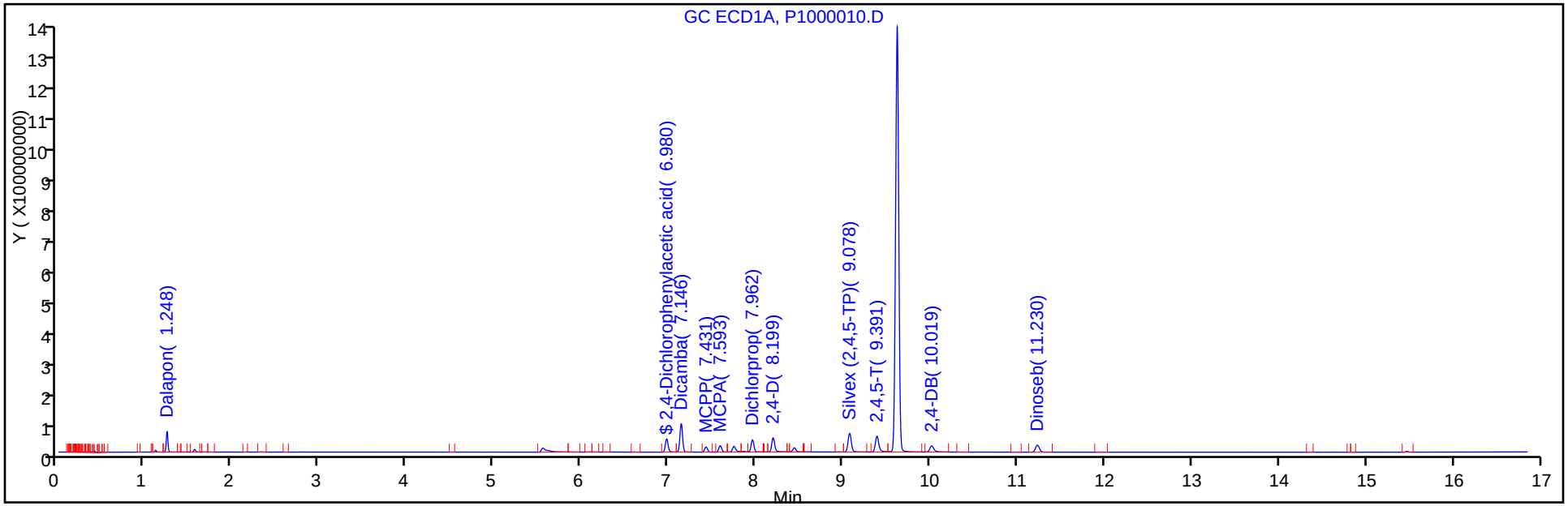
Report Date: 04-Dec-2012 09:15:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

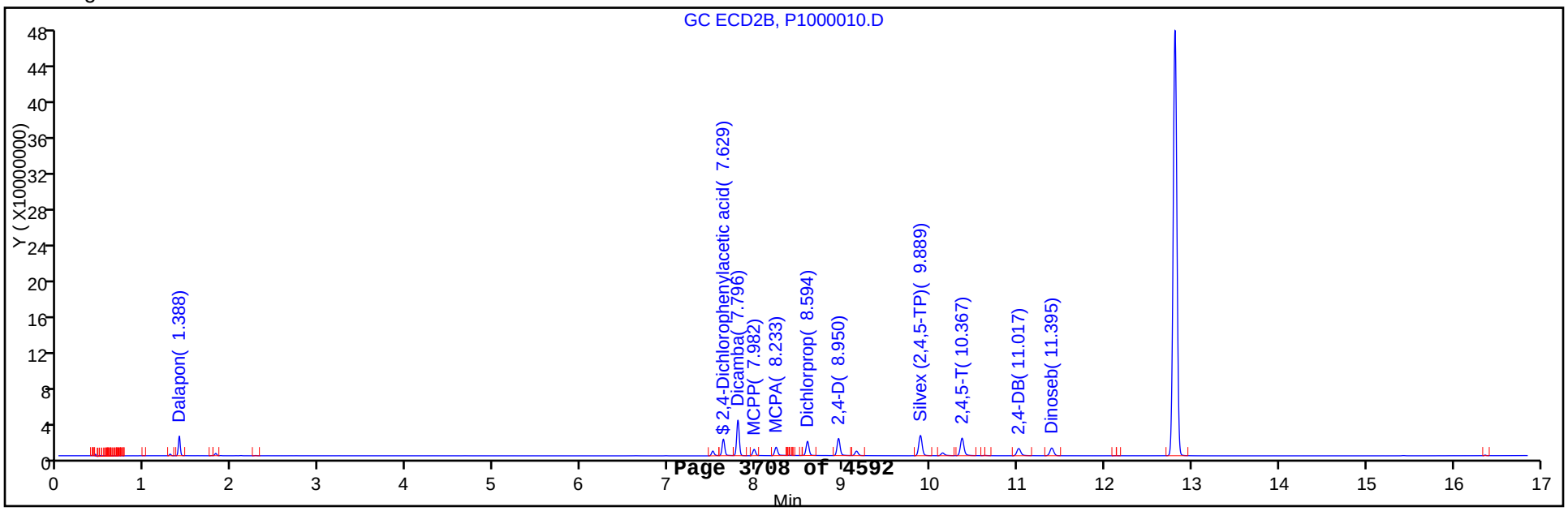
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000010.D

Injection Date:	03-Dec-2012 19:28:32	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Lims ID:	Std Corp6	Client ID:	
Inject. Date:	03-Dec-2012 19:52:08	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0015481-011		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	67147	Lims Sample ID:	11
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:55	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:55

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.248	0.000	121288028	0.2652	
2	1.388	1.388	0.000	42289940	0.2911	
					RPD = 9.32	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.977	6.979	-0.002	76833448	0.5154	
2	7.628	7.629	-0.001	35620172	0.5738	
					RPD = 10.72	
6 Dicamba						
1	7.144	7.145	-0.001	165905083	0.2685	
2	7.795	7.797	-0.002	76879929	0.3007	
					RPD = 11.29	
10 MCPP						
1	7.430	7.429	0.001	27783128	64.3	
2	7.982	7.982	0.000	12273119	64.2	
					RPD = 0.14	
9 MCPA						
1	7.592	7.593	-0.001	34976673	64.2	
2	8.234	8.233	0.001	16640034	60.9	
					RPD = 5.32	
7 Dichlorprop						
1	7.961	7.964	-0.003	70803641	0.5115	
2	8.592	8.594	-0.002	30747337	0.5832	
					RPD = 13.12	
2 2,4-D						
1	8.197	8.202	-0.005	84437992	0.5609	
2	8.949	8.950	-0.001	37727601	0.6085	
					RPD = 8.13	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.075	9.079	-0.004	115480945	0.1513	
2	9.888	9.889	-0.001	45316748	0.1596	
					RPD = 5.38	
1 2,4,5-T						
1	9.387	9.394	-0.007	99096490	0.1615	
2	10.364	10.369	-0.005	39796636	0.1640	
					RPD = 1.59	
3 2,4-DB						
1	10.014	10.024	-0.010	39026974	0.6113	
2	11.014	11.019	-0.005	16205984	0.6101	
					RPD = 0.19	
8 Dinoseb						
1	11.229	11.231	-0.002	42511226	0.0840	
2	11.394	11.395	-0.001	17166642	0.0888	
					RPD = 5.48	

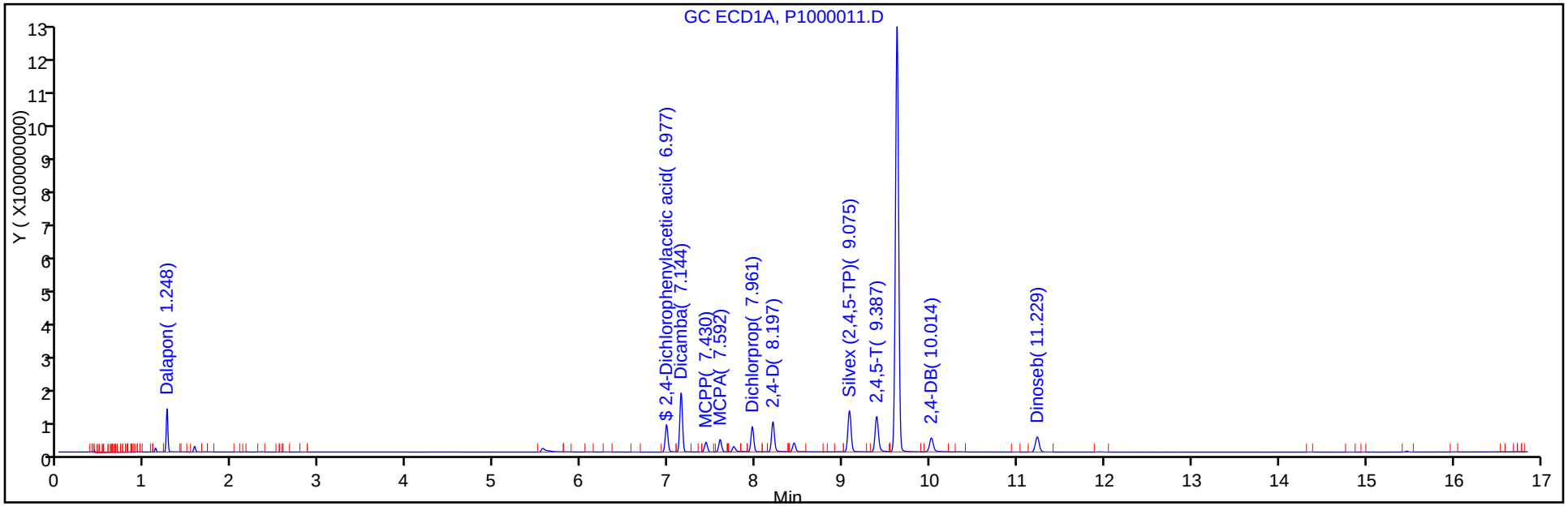
Report Date: 04-Dec-2012 09:15:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

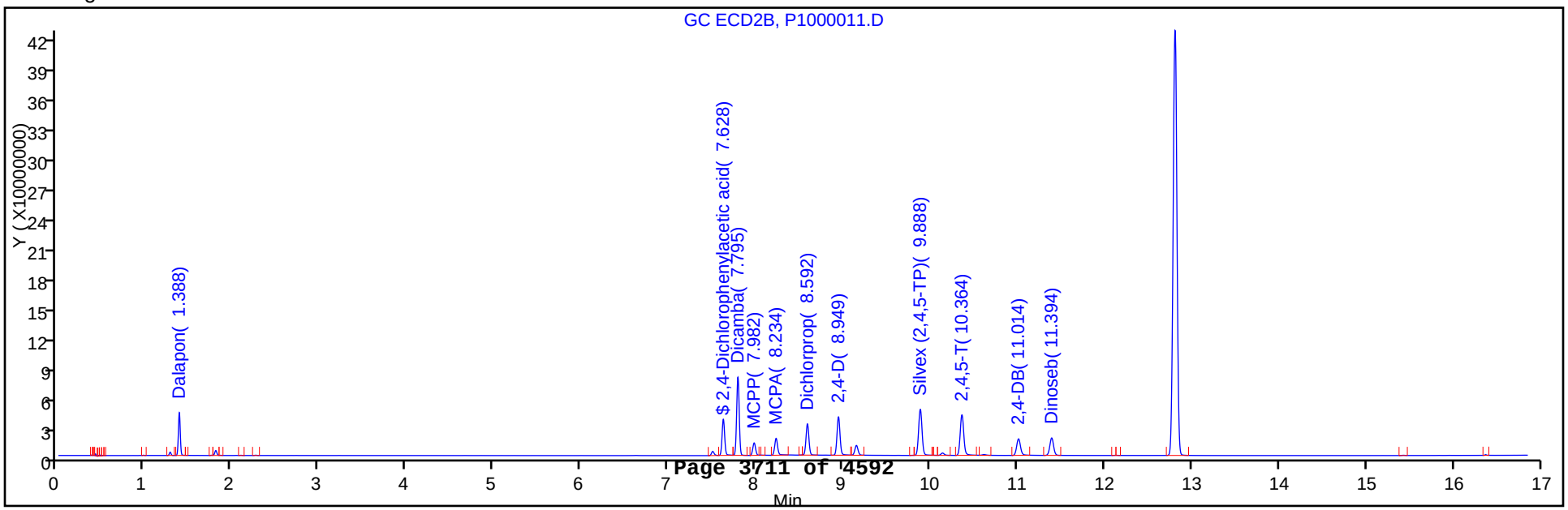
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D

Injection Date:	03-Dec-2012 19:52:08	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	11
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67147

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 17:53 Calibration End Date: 12/03/2012 19:52 Calibration ID: 12574

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67147/6	P1000006.D
Level 2	STD 240-67147/7	P1000007.D
Level 3	STD 240-67147/8	P1000008.D
Level 4	STD 240-67147/9	P1000009.D
Level 5	STD 240-67147/10	P1000010.D
Level 6	STD 240-67147/11	P1000011.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Dalapon	1.388	1.388	1.388	1.388	1.388	1.388					1.367 - 1.407	1.388
Dicamba	7.798	7.796	7.797	7.795	7.796	7.795					7.777 - 7.817	7.796
MCPP	7.983	7.981	7.982	7.982	7.982	7.982					7.962 - 8.002	7.982
MCPA	8.235	8.234	8.233	8.233	8.233	8.234					8.213 - 8.253	8.234
Dichlorprop	8.597	8.594	8.594	8.594	8.594	8.592					8.573 - 8.613	8.594
2,4-D	8.955	8.953	8.950	8.950	8.950	8.949					8.930 - 8.970	8.951
Silvex (2,4,5-TP)	9.892	9.892	9.889	9.891	9.889	9.888					9.869 - 9.909	9.890
2,4,5-T	10.371	10.369	10.369	10.368	10.367	10.364					10.347 - 10.387	10.368
2,4-DB	11.020	11.022	11.019	11.019	11.017	11.014					10.997 - 11.037	11.019
Dinoseb	11.397	11.398	11.395	11.397	11.395	11.394					11.366 - 11.426	11.396
2,4-Dichlorophenylacetic acid	7.631	7.629	7.629	7.629	7.629	7.628					7.609 - 7.649	7.629

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67147

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 17:53 Calibration End Date: 12/03/2012 19:52 Calibration ID: 12574

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67147/6	P1000006.D
Level 2	STD 240-67147/7	P1000007.D
Level 3	STD 240-67147/8	P1000008.D
Level 4	STD 240-67147/9	P1000009.D
Level 5	STD 240-67147/10	P1000010.D
Level 6	STD 240-67147/11	P1000011.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								
Dalapon	165611700 134802381	153427900 132156063	146866975	138848825	Ave		145285641				8.7		20.0			
Dicamba	274536800 244374763	262731850 240249778	258741075	253614150	Ave		255708069				4.9		20.0			
MCPP	355601 214398	332650 191767	299528	251359	Qua	442093.477	226285.452	-654.01149						0.9990		0.9900
MCPA	562122 286765	467954 260001	411211	334477	Lin1	771490.673	260515.619							0.9900		0.9900
Dichlorprop	60376750 48717869	55491150 48042714	53525575	50154819	Ave		52718146.1				9.0		20.0			
2,4-D	67234400 58909356	63707325 58949377	62677938	60552431	Ave		62005137.8				5.2		20.0			
Silvex (2,4,5-TP)	296119000 278690113	285726100 283229675	279492850	280165650	Ave		283903898				2.3		20.0			
2,4,5-T	245612800 241920888	236374300 248728975	242034750	240999025	Ave		242611790				1.7		20.0			
2,4-DB	29400950 24480222	27568625 25321850	26971525	25630938	Ave		26562351.6				6.7		20.0			
Dinoseb	220233333 175693813	209759667 178819188	192569250	183153042	Ave		193371382				9.3		20.0			
2,4-Dichlorophenylacetic acid	71266300 56892203	66089400 55656519	63735675	58828800	Ave		62078149.5				9.7		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18703-1 Analy Batch No.: 67147

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 17:53 Calibration End Date: 12/03/2012 19:52 Calibration ID: 12574

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67147/6	P1000006.D
Level 2	STD 240-67147/7	P1000007.D
Level 3	STD 240-67147/8	P1000008.D
Level 4	STD 240-67147/9	P1000009.D
Level 5	STD 240-67147/10	P1000010.D
Level 6	STD 240-67147/11	P1000011.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
Dalapon	Ave	1656117 42289940	3068558	5874679	11107906	21568381	0.0100 0.320	0.0200	0.0400	0.0800	0.160
Dicamba	Ave	2745368 76879929	5254637	10349643	20289132	39099962	0.0100 0.320	0.0200	0.0400	0.0800	0.160
MCPP	Qua	711202 12273119	1330598	2396223	4021745	6860738	2.00 64.0	4.00	8.00	16.0	32.0
MCPA	Lin1	1124243 16640034	1871817	3289686	5351638	9176494	2.00 64.0	4.00	8.00	16.0	32.0
Dichlorprop	Ave	1207535 30747337	2219646	4282046	8024771	15589718	0.0200 0.640	0.0400	0.0800	0.160	0.320
2,4-D	Ave	1344688 37727601	2548293	5014235	9688389	18850994	0.0200 0.640	0.0400	0.0800	0.160	0.320
Silvex (2,4,5-TP)	Ave	1480595 45316748	2857261	5589857	11206626	22295209	0.00500 0.160	0.0100	0.0200	0.0400	0.0800
2,4,5-T	Ave	1228064 39796636	2363743	4840695	9639961	19353671	0.00500 0.160	0.0100	0.0200	0.0400	0.0800
2,4-DB	Ave	588019 16205984	1102745	2157722	4100950	7833671	0.0200 0.640	0.0400	0.0800	0.160	0.320
Dinoseb	Ave	660700 17166642	1258558	2310831	4395673	8433303	0.00300 0.0960	0.00600	0.0120	0.0240	0.0480
2,4-Dichlorophenylacetic acid	Ave	1425326 35620172	2643576	5098854	9412608	18205505	0.0200 0.640	0.0400	0.0800	0.160	0.320

Curve Type Legend:

Ave = Average by Height
Lin1 = Linear 1/Conc by Height
Qua = Quadratic by Height

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D
Lims ID: Std Corp1 Client ID:
Inject. Date: 03-Dec-2012 17:53:38 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015481-006
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 67147 Lims Sample ID: 6
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m
Last Update: 04-Dec-2012 09:15:01 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: roachc Date: 04-Dec-2012 09:15:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						M
1	1.248	1.247	0.001	5515076	0.0121	M
2	1.388	1.387	0.001	1656117	0.0114	M
					RPD = 5.61	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.981	6.977	0.004	3550470	0.0238	
2	7.631	7.629	0.002	1425326	0.0230	
					RPD = 3.67	
6 Dicamba						
1	7.147	7.144	0.003	7140158	0.0116	
2	7.798	7.797	0.001	2745368	0.0107	
					RPD = 7.36	
10 MCPP						
1	7.431	7.428	0.003	1723275	0.9304	
2	7.983	7.982	0.001	711202	1.19	
					RPD = 24.76	
9 MCPA						
1	7.593	7.591	0.002	2630120	1.00	
2	8.235	8.233	0.002	1124243	1.35	
					RPD = 30.42	
7 Dichlorprop						M
1	7.965	7.962	0.003	3262903	0.0236	
2	8.597	8.593	0.004	1207535	0.0229	M
					RPD = 2.86	
2 2,4-D						M
1	8.208	8.199	0.009	3315446	0.0220	
2	8.955	8.950	0.005	1344688	0.0217	M
					RPD = 1.54	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						M
1	9.083	9.077	0.006	3995766	0.005234	
2	9.892	9.889	0.003	1480595	0.005215	M
					RPD = 0.36	
1 2,4,5-T						
1	9.398	9.390	0.008	3006201	0.004898	
2	10.371	10.367	0.004	1228064	0.005062	
					RPD = 3.29	
3 2,4-DB						M
1	10.029	10.021	0.008	1315132	0.0206	
2	11.020	11.017	0.003	588019	0.0221	M
					RPD = 7.20	
8 Dinoseb						M
1	11.235	11.229	0.006	1744746	0.003449	
2	11.397	11.396	0.001	660700	0.003417	M
					RPD = 0.94	

QC Flag Legend

Review Flags
M - Manually Integrated

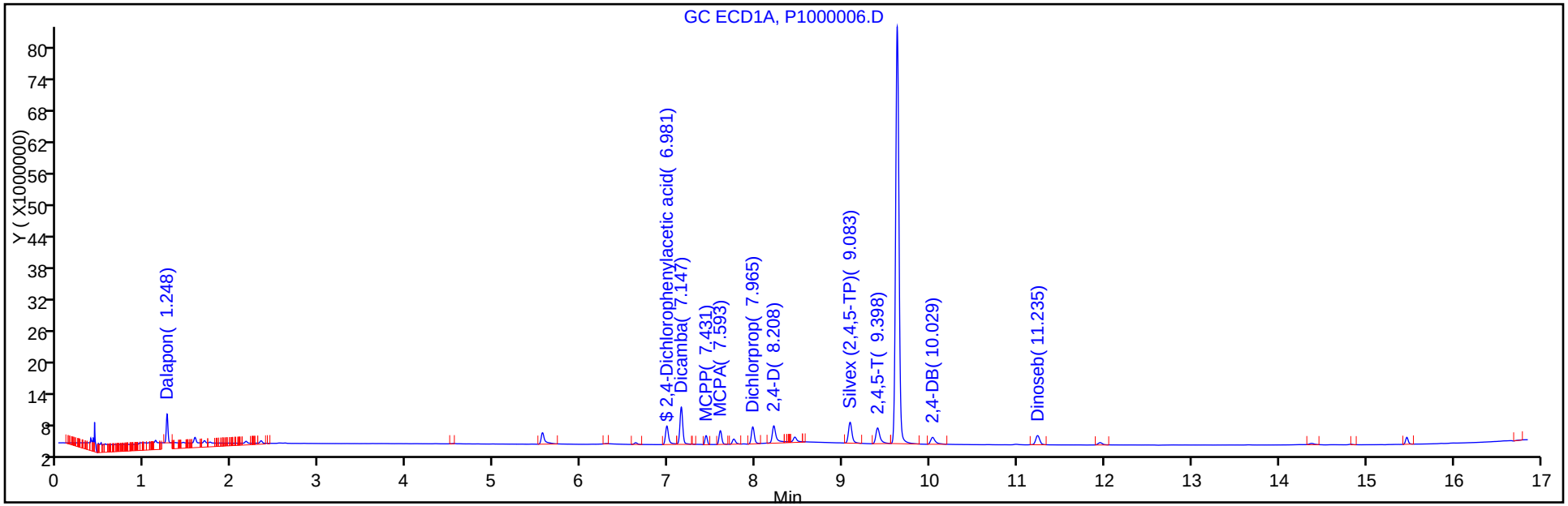
Report Date: 04-Dec-2012 09:15:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

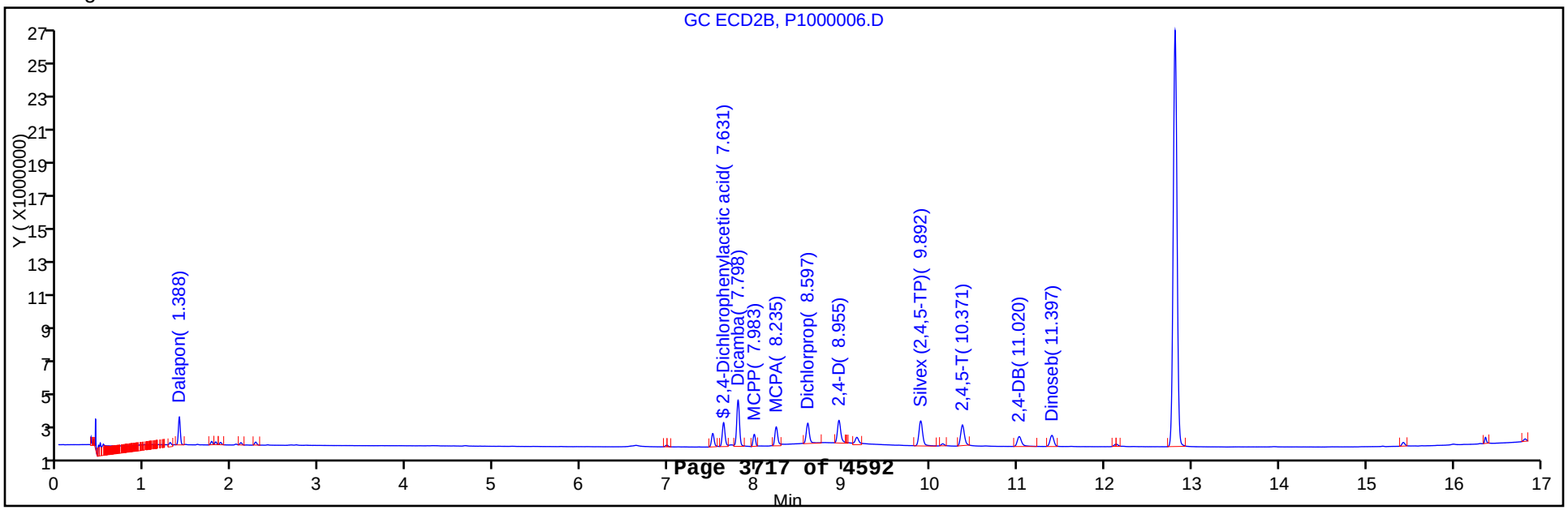
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Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

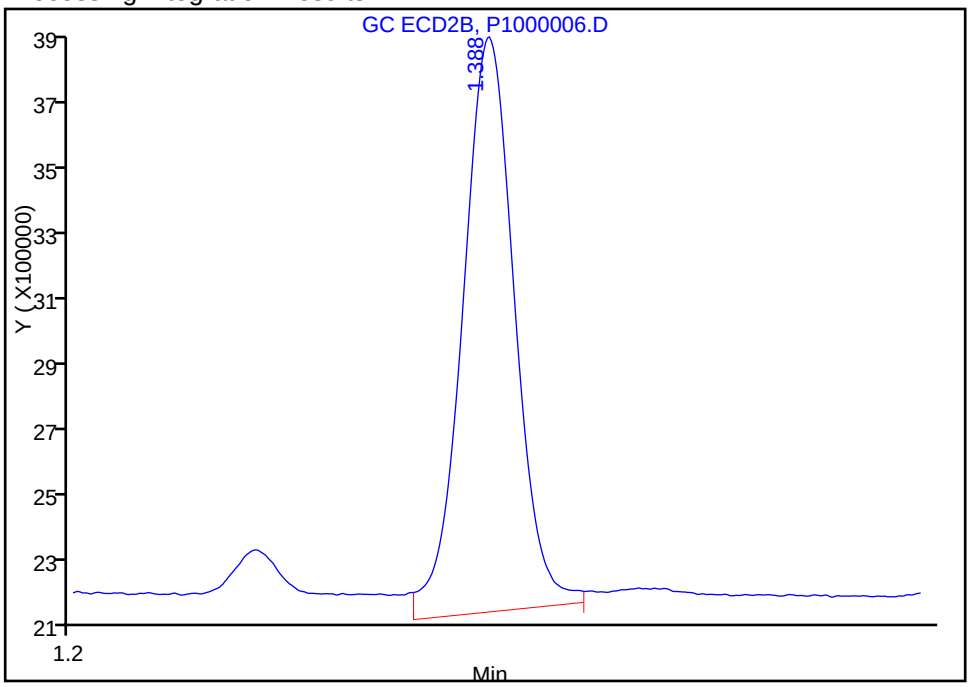
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 Dalapon, Signal: 2, Type: quant, RT: 1.39, Det: GC ecd2b

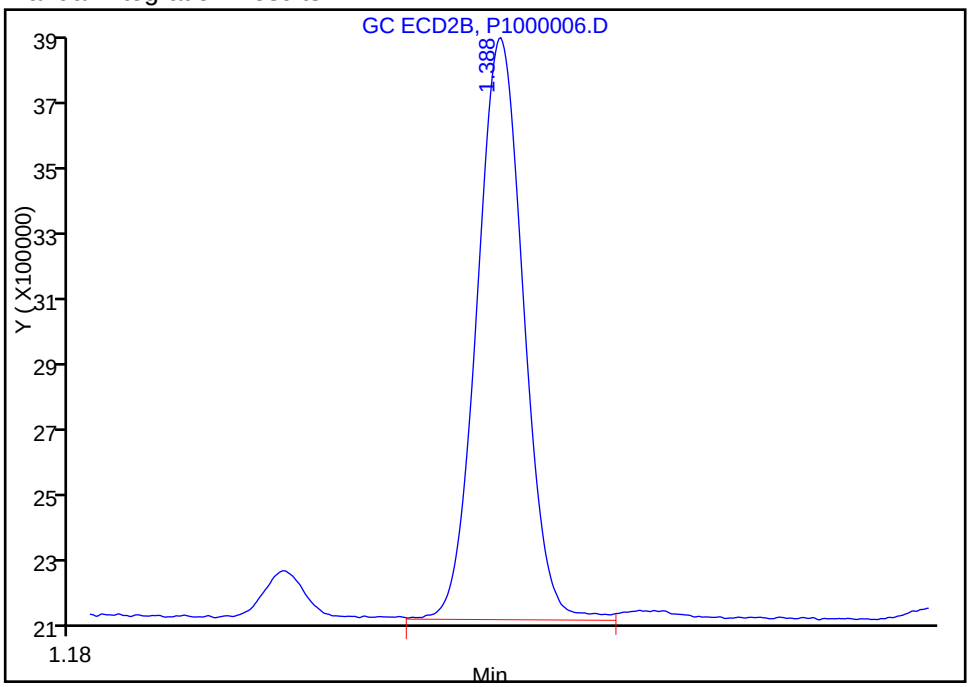
Processing Integration Results

RT: 1.39
Response: 1700362
Amount: 0.011644



Manual Integration Results

RT: 1.39
Response: 1656117
Amount: 0.011399



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

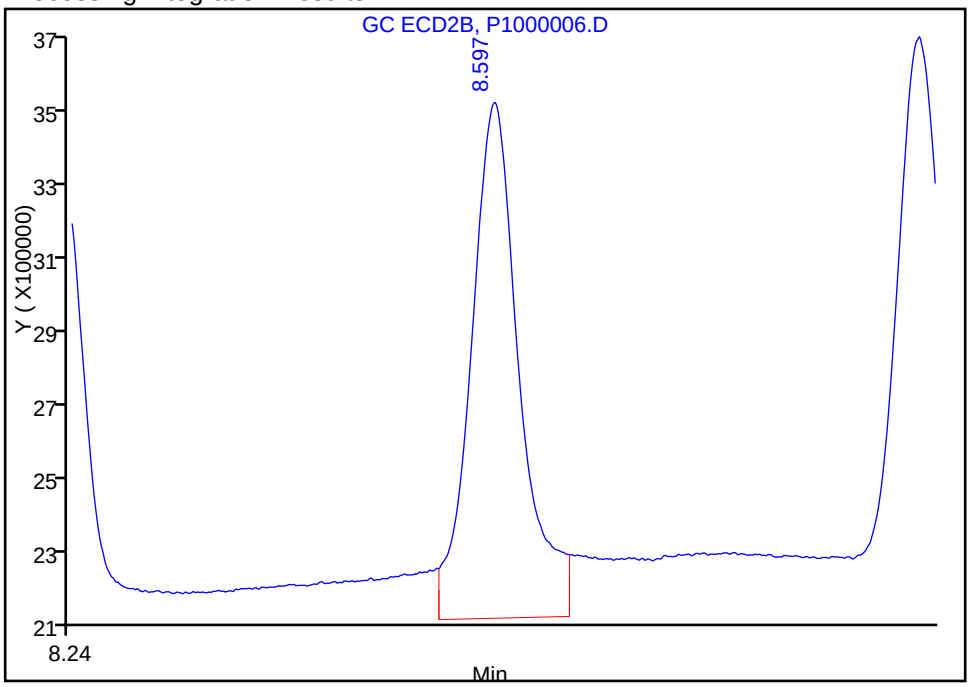
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

7 Dichlorprop, Signal: 2, Type: quant, RT: 8.59, Det: GC ecd2b

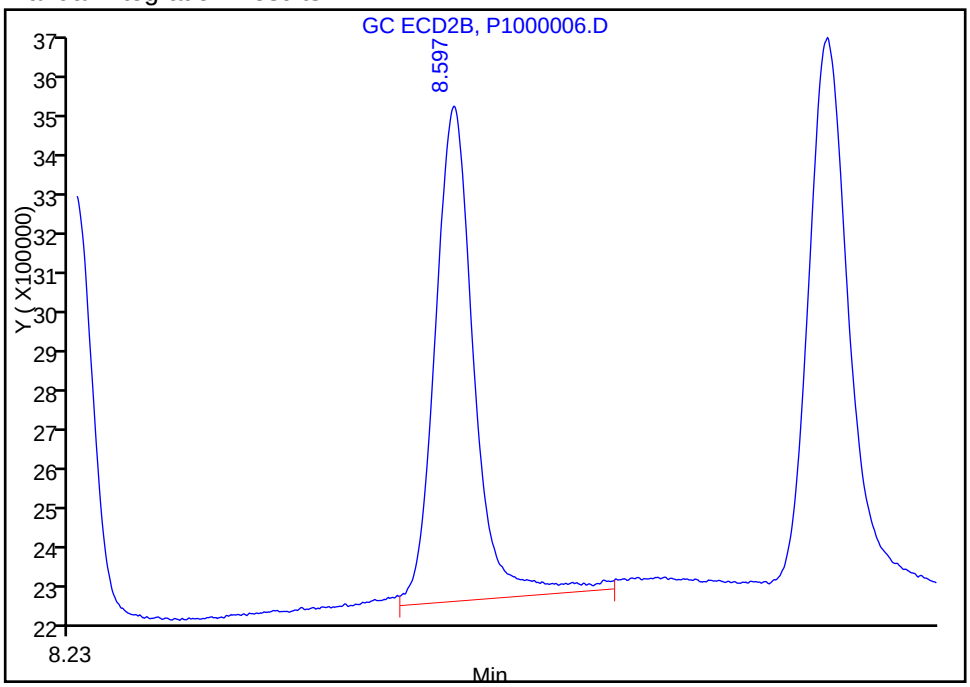
Processing Integration Results

RT: 8.60
Response: 1315950
Amount: 0.024495



Manual Integration Results

RT: 8.60
Response: 1207535
Amount: 0.022905



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

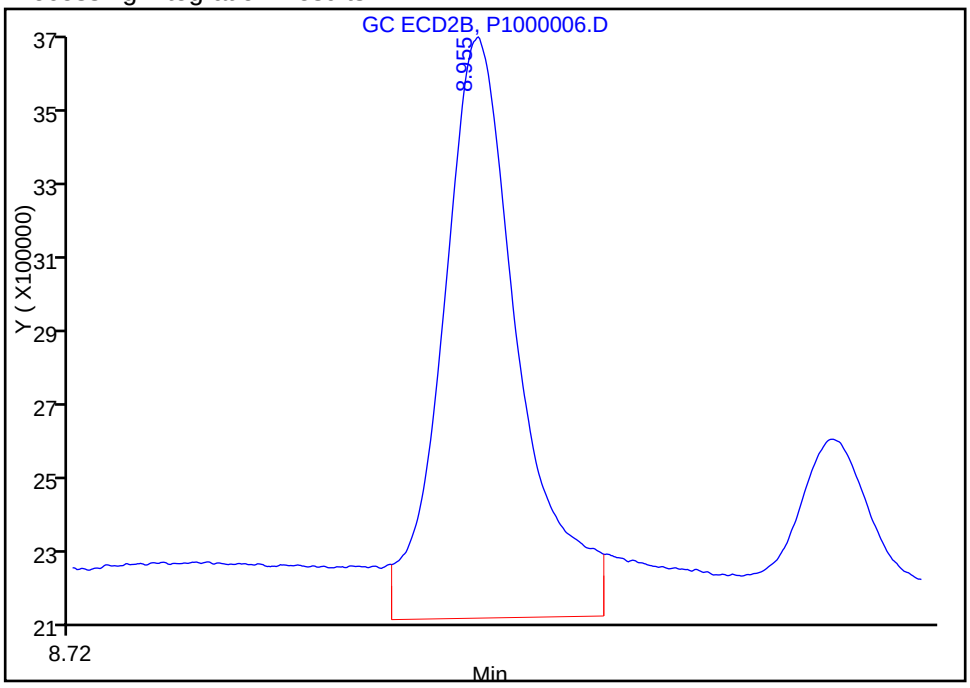
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

2 2,4-D, Signal: 2, Type: quant, RT: 8.95, Det: GC ecd2b

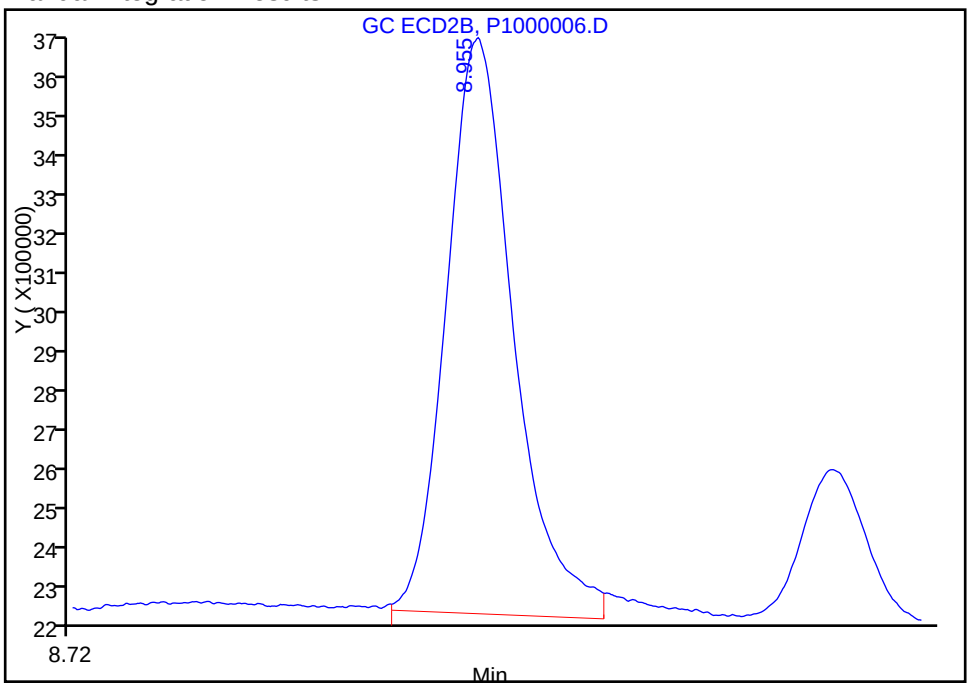
Processing Integration Results

RT: 8.96
Response: 1456896
Amount: 0.023147



Manual Integration Results

RT: 8.96
Response: 1344688
Amount: 0.021687



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

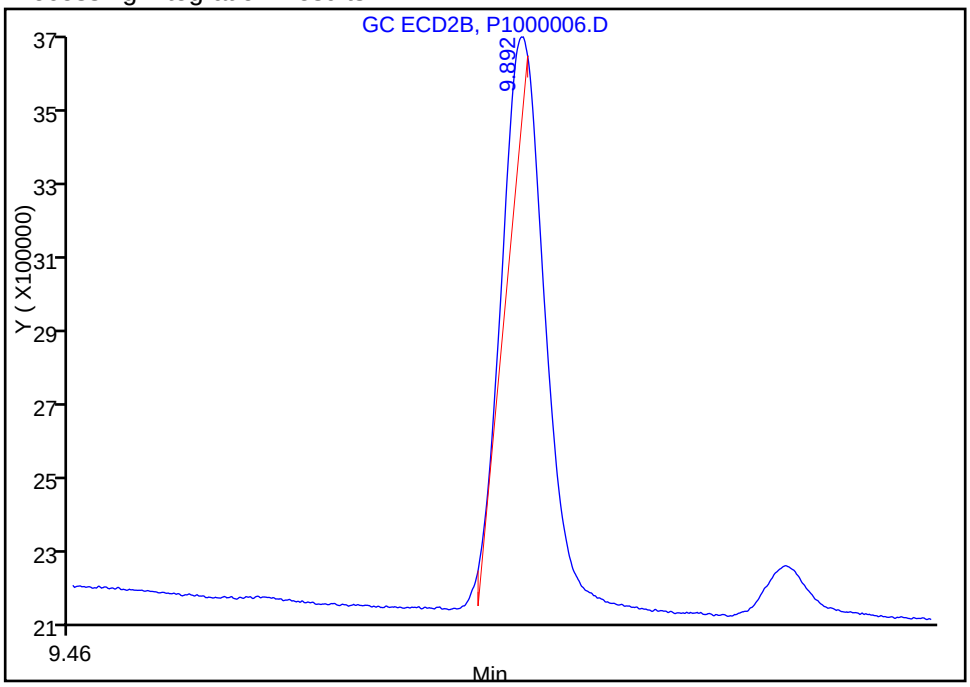
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

12 Silvex (2,4,5-TP), Signal: 2, Type: quant, RT: 9.89, Det: GC ecd2b

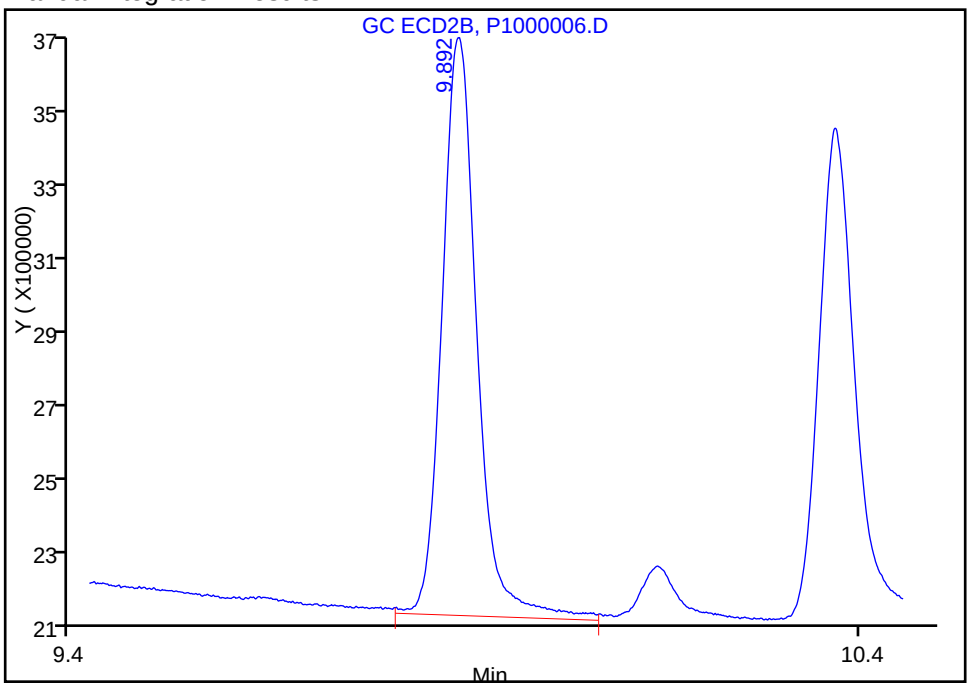
Processing Integration Results

RT: 9.89
Response: 222097
Amount: 0.003387



Manual Integration Results

RT: 9.89
Response: 1480595
Amount: 0.005215



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

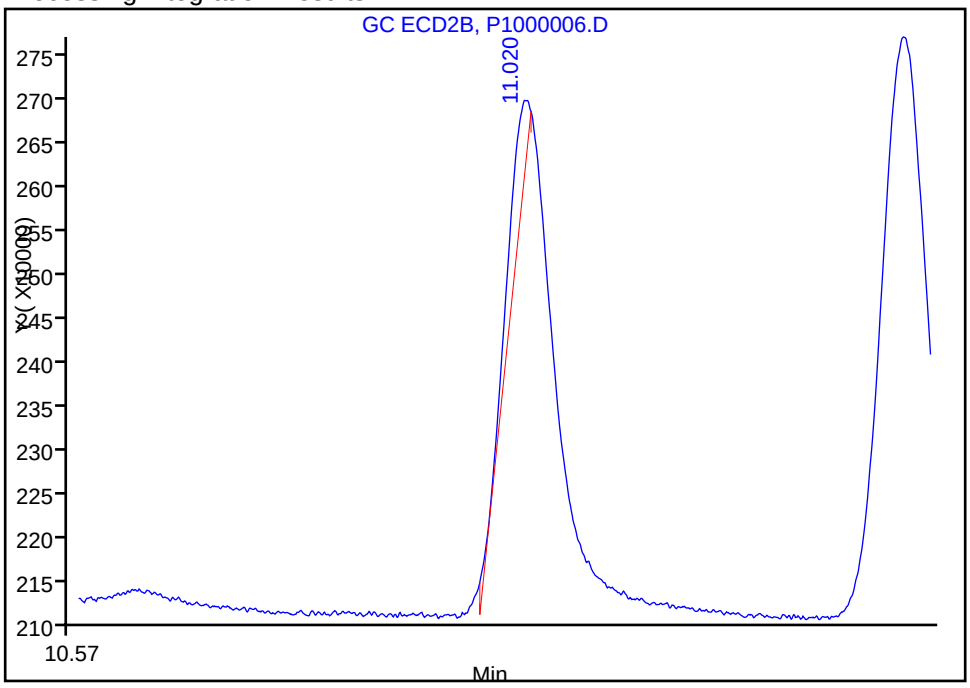
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 2,4-DB, Signal: 2, Type: quant, RT: 11.02, Det: GC ecd2b

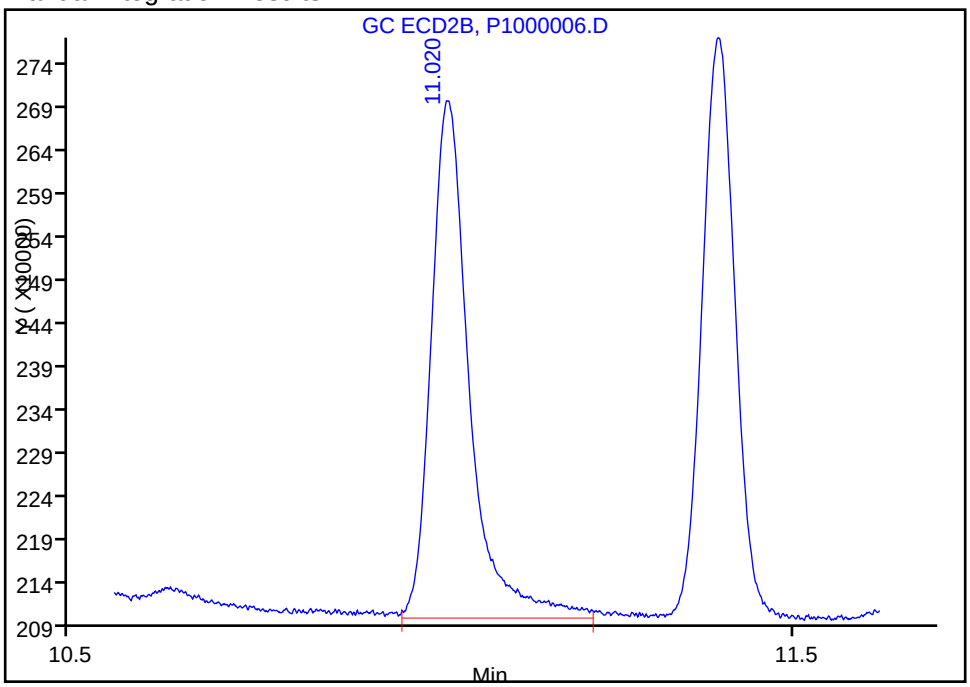
Processing Integration Results

RT: 11.02
Response: 87072
Amount: 0.011921



Manual Integration Results

RT: 11.02
Response: 588019
Amount: 0.022137



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

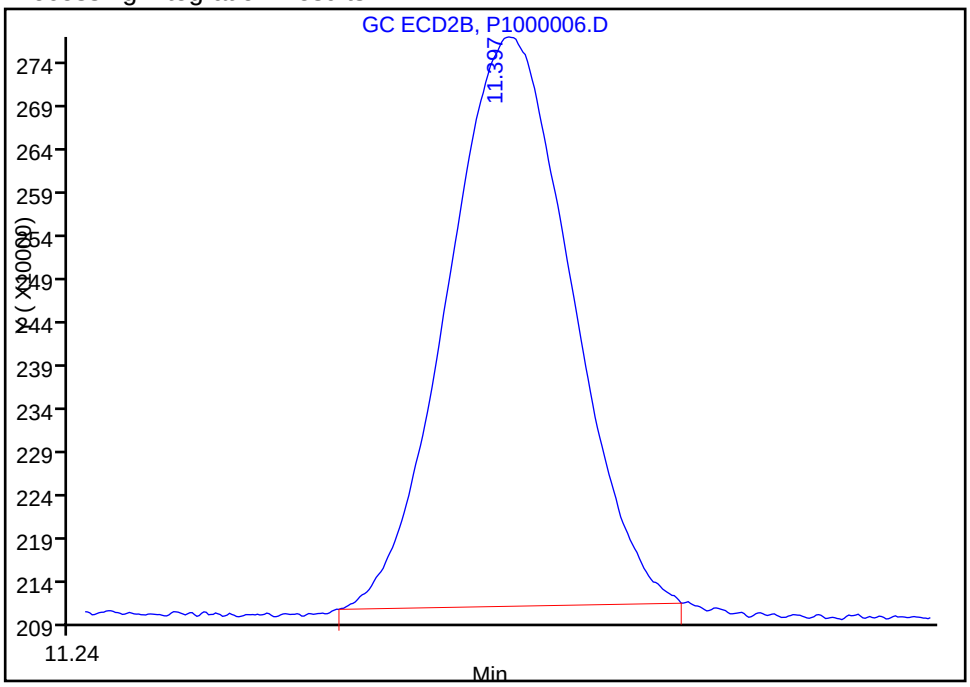
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 Dinoseb, Signal: 2, Type: quant, RT: 11.40, Det: GC ecd2b

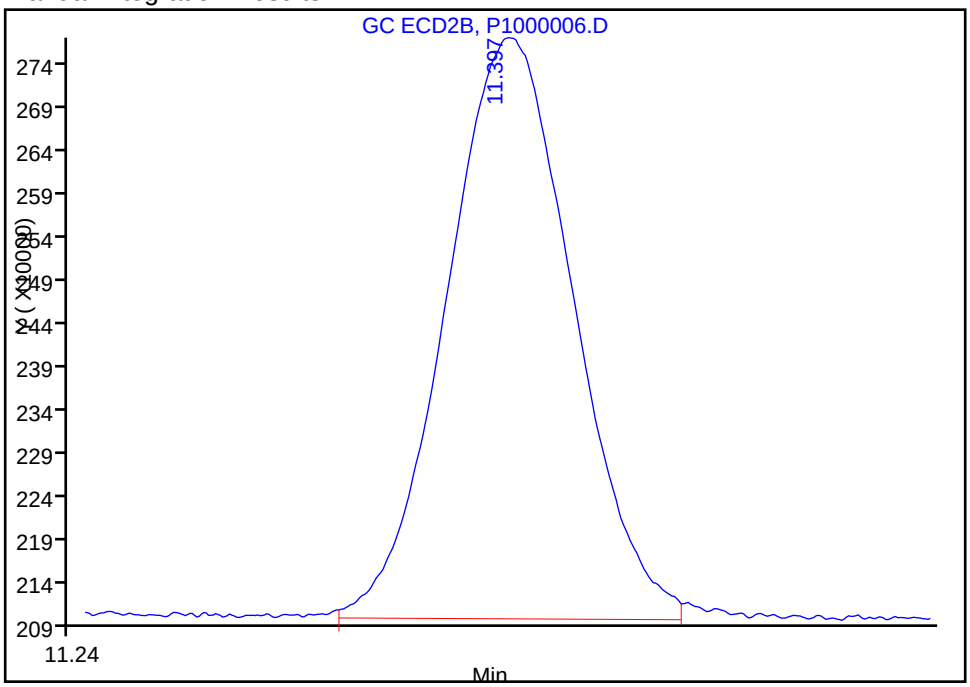
Processing Integration Results

RT: 11.40
Response: 647272
Amount: 0.003371



Manual Integration Results

RT: 11.40
Response: 660700
Amount: 0.003417



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000007.D		
Lims ID:	Std Corp2	Client ID:	
Inject. Date:	03-Dec-2012 18:17:22	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0015481-007		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	67147	Lims Sample ID:	7
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:16	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:16

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.247	0.001	10070689	0.0220	
2	1.388	1.387	0.001	3068558	0.0211	
					RPD = 4.15	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.977	0.002	6730912	0.0452	
2	7.629	7.629	0.000	2643576	0.0426	
					RPD = 5.85	
6 Dicamba						
1	7.144	7.144	0.000	13648850	0.0221	
2	7.796	7.797	-0.001	5254637	0.0205	
					RPD = 7.23	
10 MCPP						
1	7.429	7.428	0.001	3361524	4.05	
2	7.981	7.982	-0.001	1330598	3.97	
					RPD = 2.01	
9 MCPA						
1	7.592	7.591	0.001	4590699	4.05	
2	8.234	8.233	0.001	1871817	4.22	
					RPD = 4.16	
7 Dichlorprop						
1	7.964	7.962	0.002	6369184	0.0460	
2	8.594	8.593	0.001	2219646	0.0421	
					RPD = 8.86	
2 2,4-D						
1	8.204	8.199	0.005	6345052	0.0421	
2	8.953	8.950	0.003	2548293	0.0411	
					RPD = 2.53	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.079	9.077	0.002	7861390	0.0103	
2	9.892	9.889	0.003	2857261	0.0101	
					RPD = 2.29	
1 2,4,5-T						
1	9.396	9.390	0.006	6203754	0.0101	
2	10.369	10.367	0.002	2363743	0.009743	
					RPD = 3.67	
3 2,4-DB						
1	10.024	10.021	0.003	2705077	0.0424	
2	11.022	11.017	0.005	1102745	0.0415	
					RPD = 2.04	
8 Dinoseb						M
1	11.234	11.229	0.005	3346932	0.006616	
2	11.398	11.396	0.002	1258558	0.006509	M
					RPD = 1.64	

QC Flag Legend

Review Flags
M - Manually Integrated

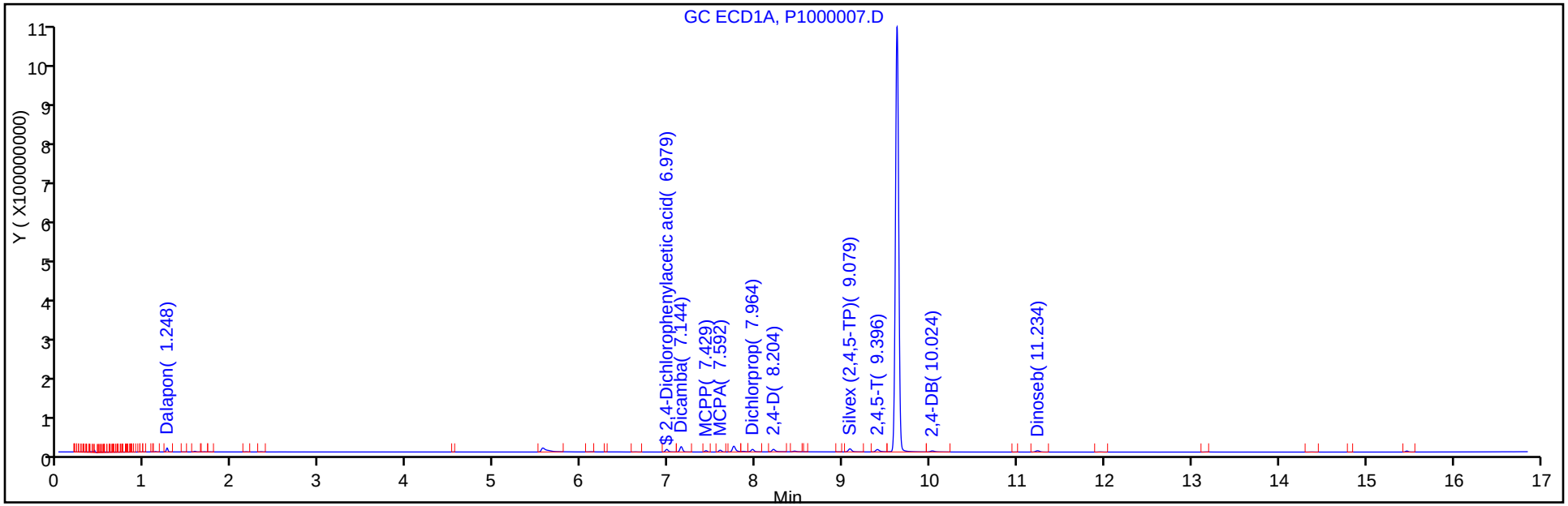
Report Date: 04-Dec-2012 09:15:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

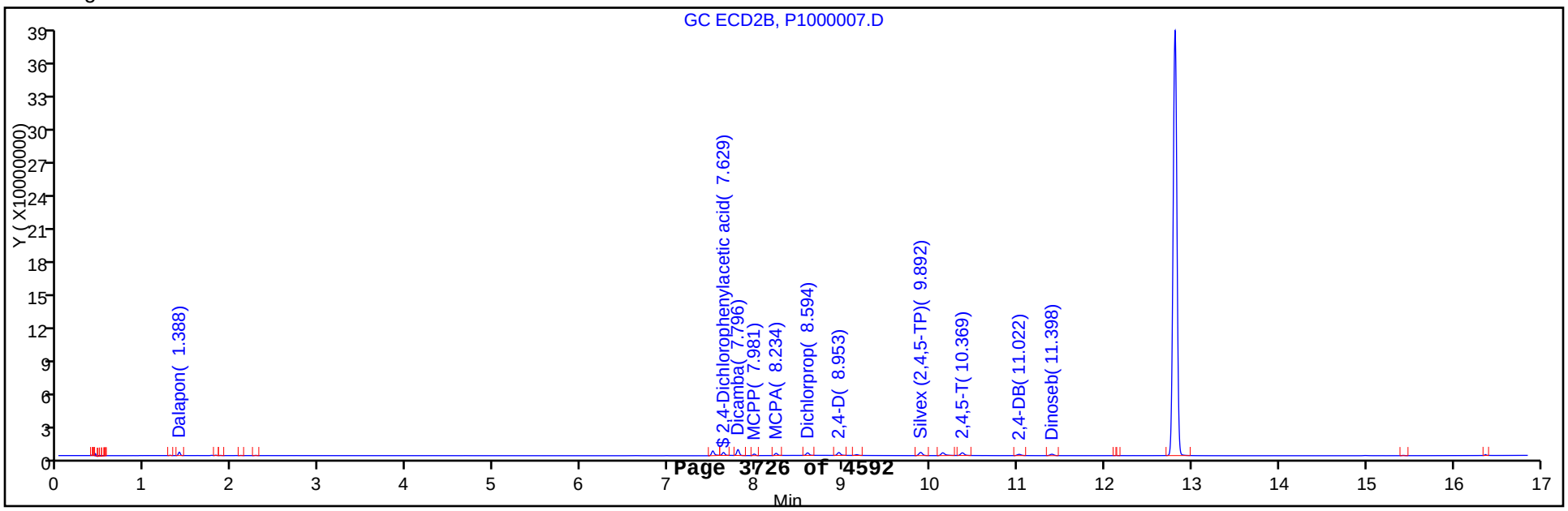
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000007.D

Injection Date:	03-Dec-2012 18:17:22	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	7
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

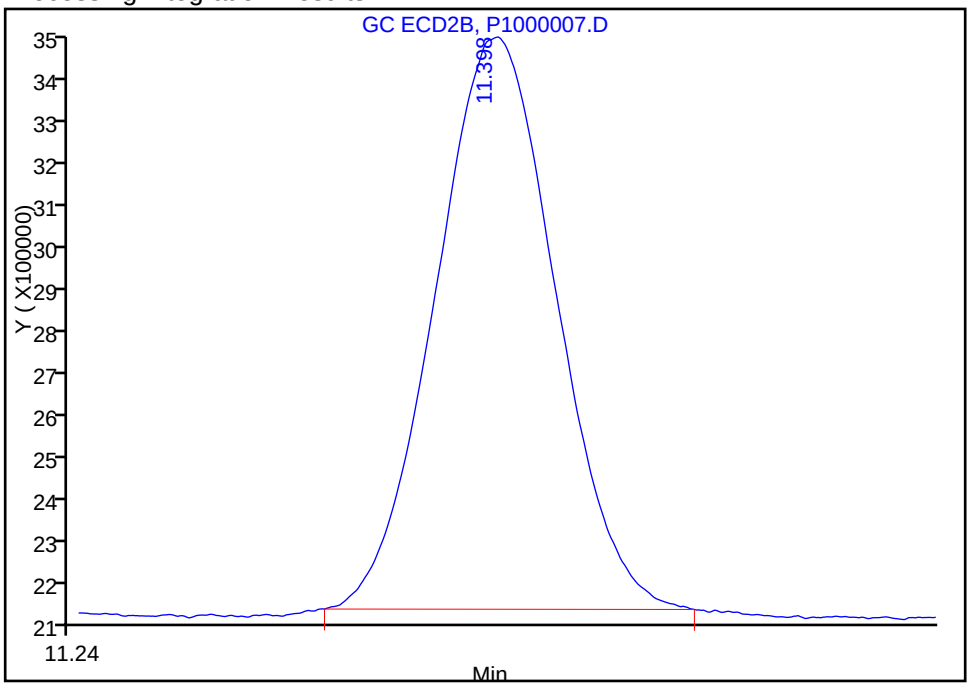
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000007.D		
Injection Date:	03-Dec-2012 18:17:22	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	7
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 Dinoseb, Signal: 2, Type: quant, RT: 11.40, Det: GC ecd2b

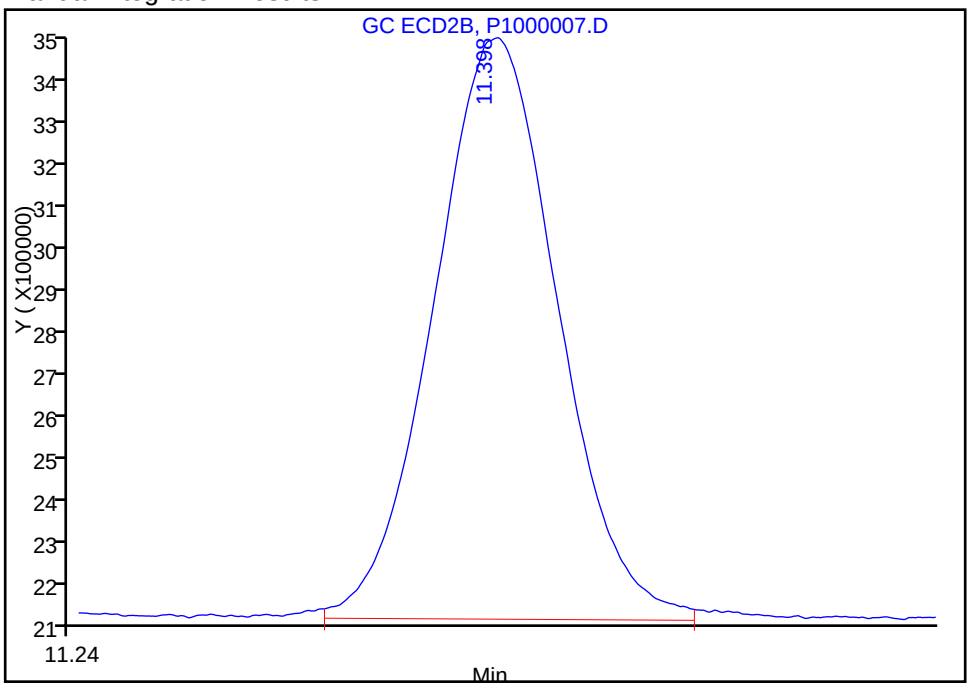
Processing Integration Results

RT: 11.40
Response: 1236931
Amount: 0.006417



Manual Integration Results

RT: 11.40
Response: 1258558
Amount: 0.006509



Reviewer: roachc, 04-Dec-2012 07:59:01
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000008.D		
Lims ID:	Std Corp3	Client ID:	
Inject. Date:	03-Dec-2012 18:41:03	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	3
Sample ID:	240-0015481-008		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	67147	Lims Sample ID:	8
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:28	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:28

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.248	0.000	18870741	0.0413	
2	1.388	1.388	0.000	5874679	0.0404	
					RPD = 2.01	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.979	0.000	12571987	0.0843	
2	7.629	7.629	0.000	5098854	0.0821	
					RPD = 2.64	
6 Dicamba						
1	7.145	7.145	0.000	25619907	0.0415	
2	7.797	7.797	0.000	10349643	0.0405	
					RPD = 2.42	
10 MCPP						
1	7.429	7.429	0.000	5903220	9.04	
2	7.982	7.982	0.000	2396223	8.86	
					RPD = 2.01	
9 MCPA						
1	7.593	7.593	0.000	7697459	9.03	
2	8.233	8.233	0.000	3289686	9.67	
					RPD = 6.83	
7 Dichlorprop						M
1	7.964	7.964	0.000	11613196	0.0839	
2	8.594	8.594	0.000	4282046	0.0812	M
					RPD = 3.23	
2 2,4-D						
1	8.202	8.202	0.000	12712921	0.0844	
2	8.950	8.950	0.000	5014235	0.0809	
					RPD = 4.33	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.079	9.079	0.000	15570595	0.0204	
2	9.889	9.889	0.000	5589857	0.0197	
					RPD = 3.52	
1 2,4,5-T						
1	9.394	9.394	0.000	12165220	0.0198	
2	10.369	10.369	0.000	4840695	0.0200	
					RPD = 0.67	
3 2,4-DB						
1	10.024	10.024	0.000	5239246	0.0821	
2	11.019	11.019	0.000	2157722	0.0812	
					RPD = 1.02	
8 Dinoseb						
1	11.231	11.231	0.000	6202413	0.0123	
2	11.395	11.395	0.000	2310831	0.0120	
					RPD = 2.57	

QC Flag Legend

Review Flags
M - Manually Integrated

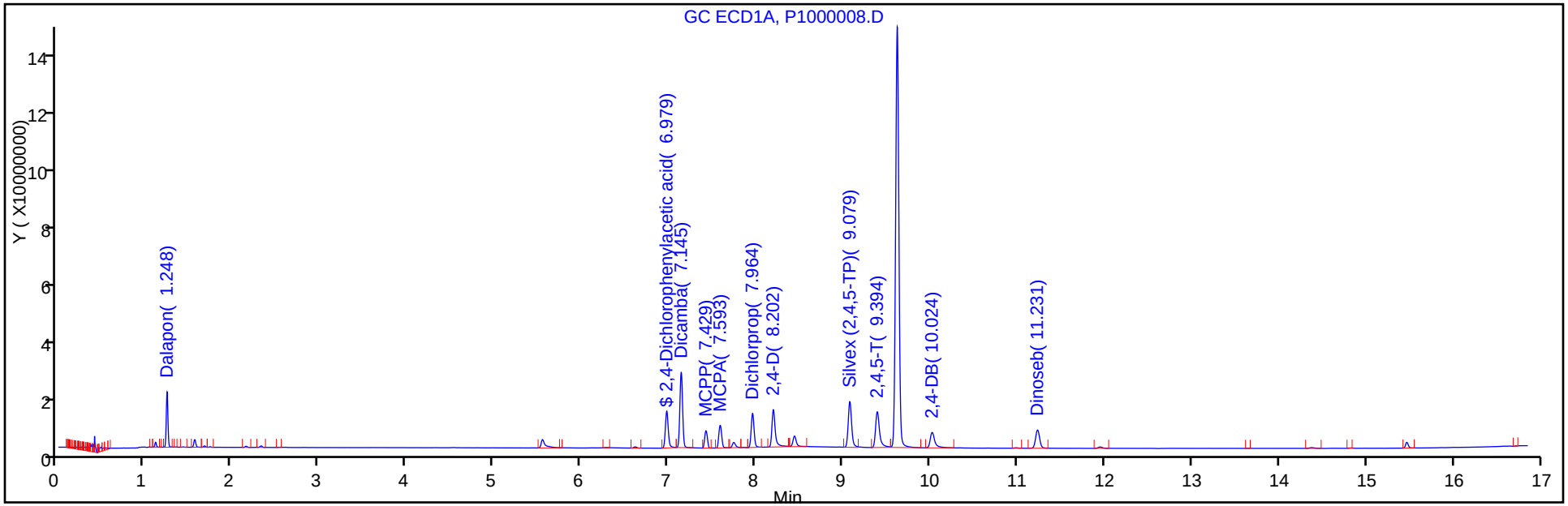
Report Date: 04-Dec-2012 09:15:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

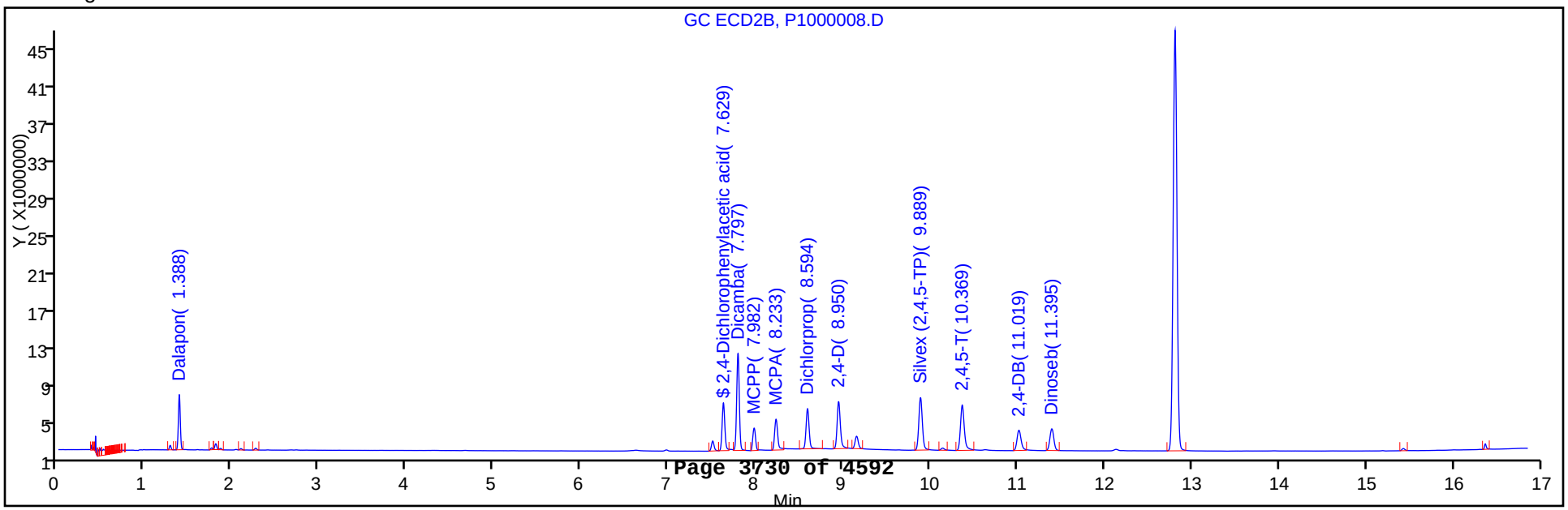
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000008.D

Injection Date:	03-Dec-2012 18:41:03	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	8
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

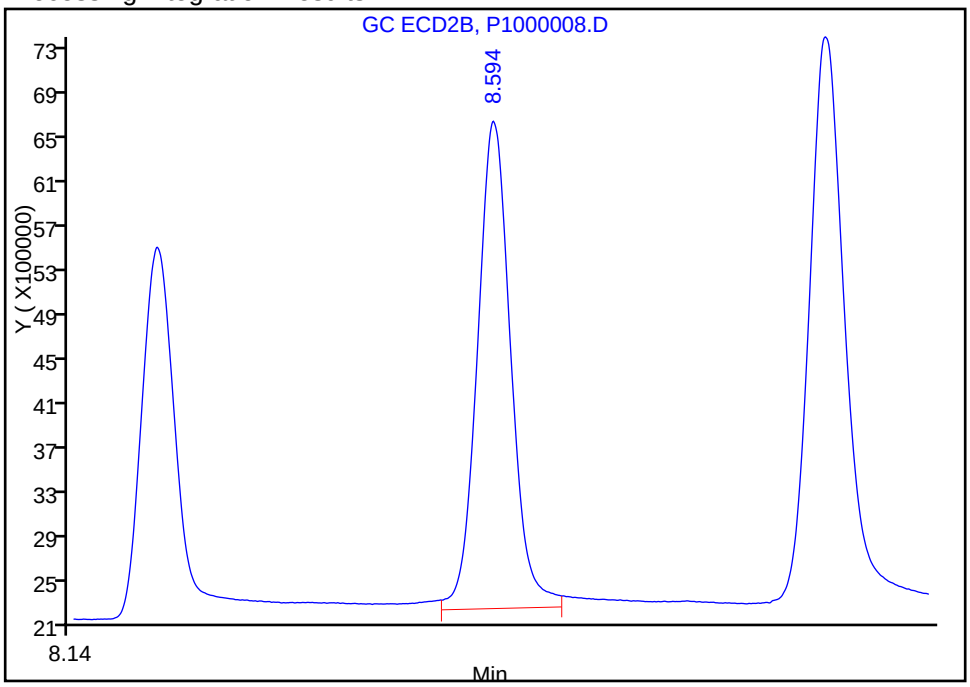
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000008.D		
Injection Date:	03-Dec-2012 18:41:03	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	8
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

7 Dichlorprop, Signal: 2, Type: quant, RT: 8.59, Det: GC ecd2b

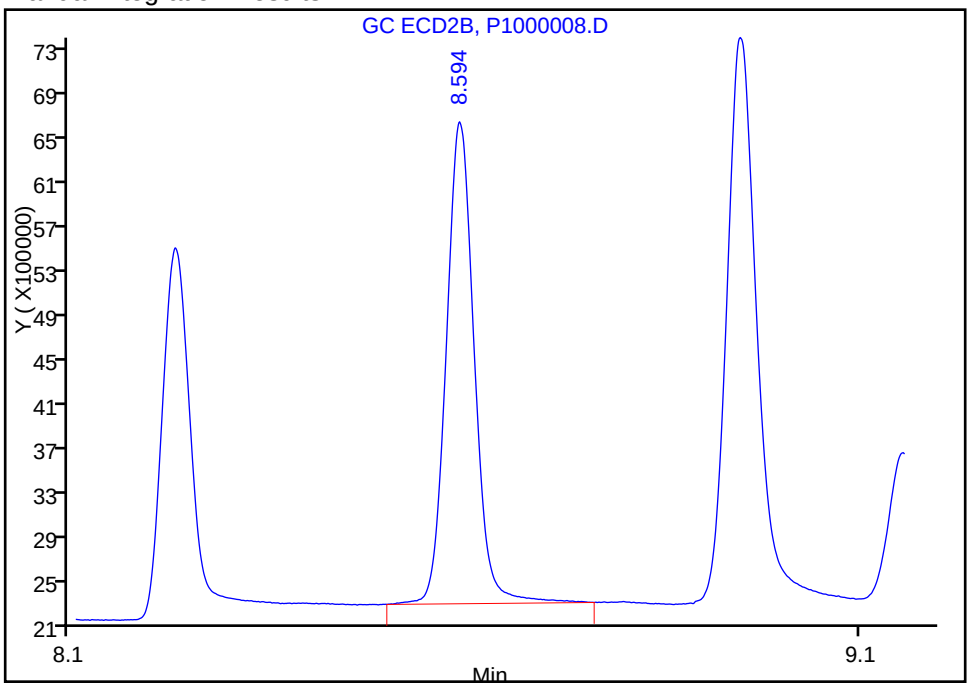
Processing Integration Results

RT: 8.59
Response: 4330919
Amount: 0.081994



Manual Integration Results

RT: 8.59
Response: 4282046
Amount: 0.081225



Reviewer: roachc, 04-Dec-2012 07:59:55
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000009.D		
Lims ID:	Std Corp4	Client ID:	
Inject. Date:	03-Dec-2012 19:04:40	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015481-009		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	67147	Lims Sample ID:	9
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:39	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.247	1.248	-0.001	34858681	0.0762	
2	1.388	1.388	0.000	11107906	0.0765	
					RPD = 0.32	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.979	0.000	22729272	0.1525	
2	7.629	7.629	0.000	9412608	0.1516	
					RPD = 0.56	
6 Dicamba						
1	7.144	7.145	-0.001	47531523	0.0769	
2	7.795	7.797	-0.002	20289132	0.0793	
					RPD = 3.09	
10 MCPP						
1	7.429	7.429	0.000	9684337	16.8	
2	7.982	7.982	0.000	4021745	16.6	
					RPD = 1.29	
9 MCPA						
1	7.592	7.593	-0.001	12261728	16.7	
2	8.233	8.233	0.000	5351638	17.6	
					RPD = 5.31	
7 Dichlorprop						
1	7.963	7.964	-0.001	21246461	0.1535	
2	8.594	8.594	0.000	8024771	0.1522	
					RPD = 0.82	
2 2,4-D						
1	8.200	8.202	-0.002	23863325	0.1585	
2	8.950	8.950	0.000	9688389	0.1563	
					RPD = 1.44	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.078	9.079	-0.001	30552412	0.0400	
2	9.891	9.889	0.002	11206626	0.0395	
					RPD = 1.37	
1 2,4,5-T						
1	9.392	9.394	-0.002	24530328	0.0400	
2	10.368	10.369	-0.001	9639961	0.0397	
					RPD = 0.58	
3 2,4-DB						
1	10.020	10.024	-0.004	10148719	0.1590	
2	11.019	11.019	0.000	4100950	0.1544	
					RPD = 2.92	
8 Dinoseb						
1	11.232	11.231	0.001	11549493	0.0228	
2	11.397	11.395	0.002	4395673	0.0227	
					RPD = 0.44	

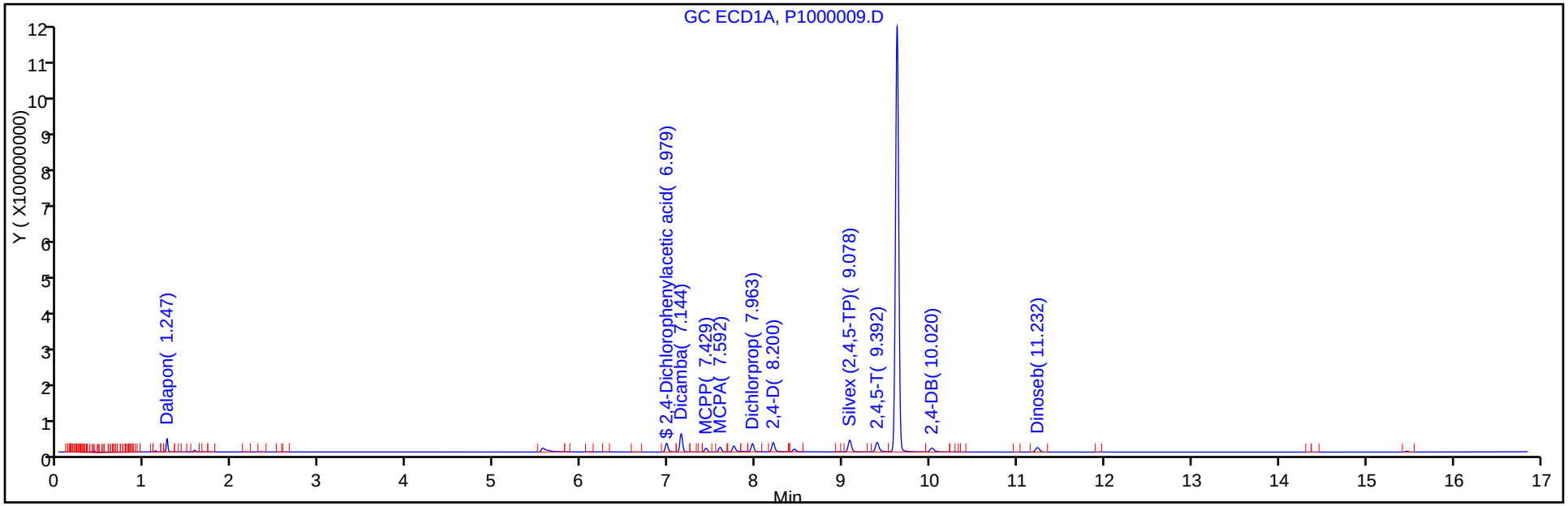
Report Date: 04-Dec-2012 09:15:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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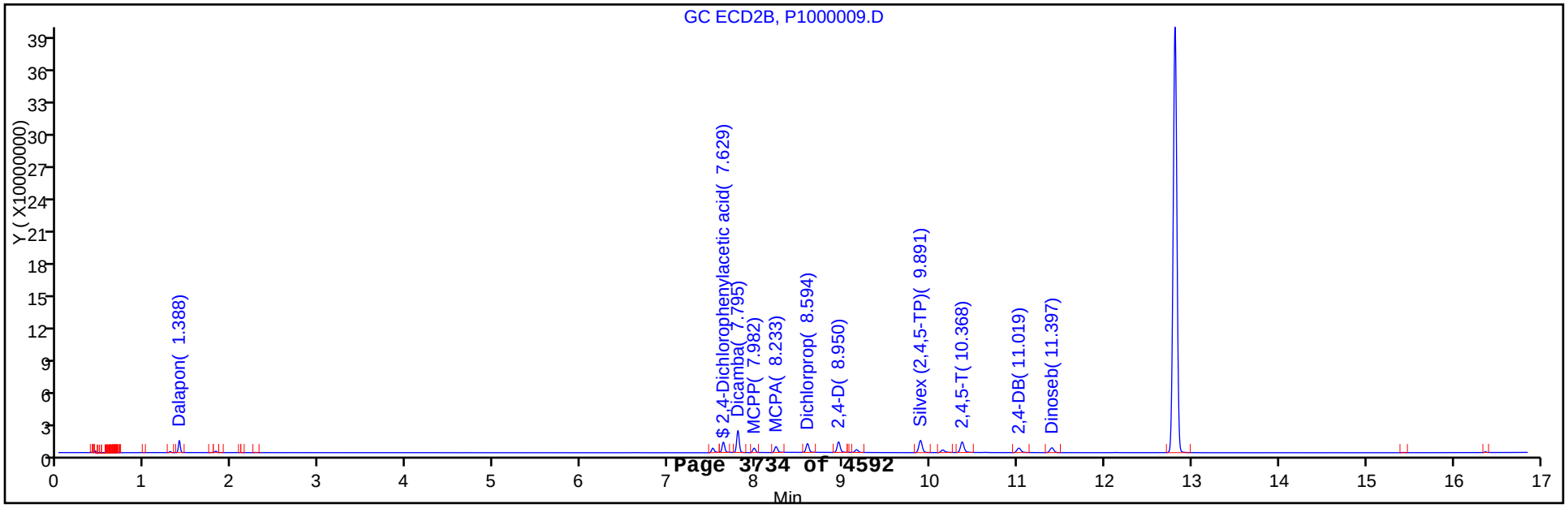
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000009.D

Injection Date:	03-Dec-2012 19:04:40	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	9
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



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Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000010.D		
Lims ID:	Std Corp5	Client ID:	
Inject. Date:	03-Dec-2012 19:28:32	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015481-010		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	67147	Lims Sample ID:	10
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:46	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:46

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.248	0.000	64464485	0.1409	
2	1.388	1.388	0.000	21568381	0.1485	
					RPD = 5.20	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.980	6.979	0.001	41394251	0.2777	
2	7.629	7.629	0.000	18205505	0.2933	
					RPD = 5.46	
6 Dicamba						
1	7.146	7.145	0.001	89217031	0.1444	
2	7.796	7.797	-0.001	39099962	0.1529	
					RPD = 5.73	
10 MCPP						
1	7.431	7.429	0.002	15928704	30.9	
2	7.982	7.982	0.000	6860738	31.2	
					RPD = 0.92	
9 MCPA						
1	7.593	7.593	0.000	20151184	31.0	
2	8.233	8.233	0.000	9176494	32.3	
					RPD = 3.89	
7 Dichlorprop						
1	7.962	7.964	-0.002	38291247	0.2766	
2	8.594	8.594	0.000	15589718	0.2957	
					RPD = 6.68	
2 2,4-D						
1	8.199	8.202	-0.003	44428439	0.2951	
2	8.950	8.950	0.000	18850994	0.3040	
					RPD = 2.97	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.078	9.079	-0.001	58502217	0.0766	
2	9.889	9.889	0.000	22295209	0.0785	
					RPD = 2.45	
1 2,4,5-T						
1	9.391	9.394	-0.003	49620375	0.0808	
2	10.367	10.369	-0.002	19353671	0.0798	
					RPD = 1.33	
3 2,4-DB						
1	10.019	10.024	-0.005	19127519	0.2996	
2	11.017	11.019	-0.002	7833671	0.2949	
					RPD = 1.58	
8 Dinoseb						
1	11.230	11.231	-0.001	21833119	0.0432	
2	11.395	11.395	0.000	8433303	0.0436	
					RPD = 1.04	

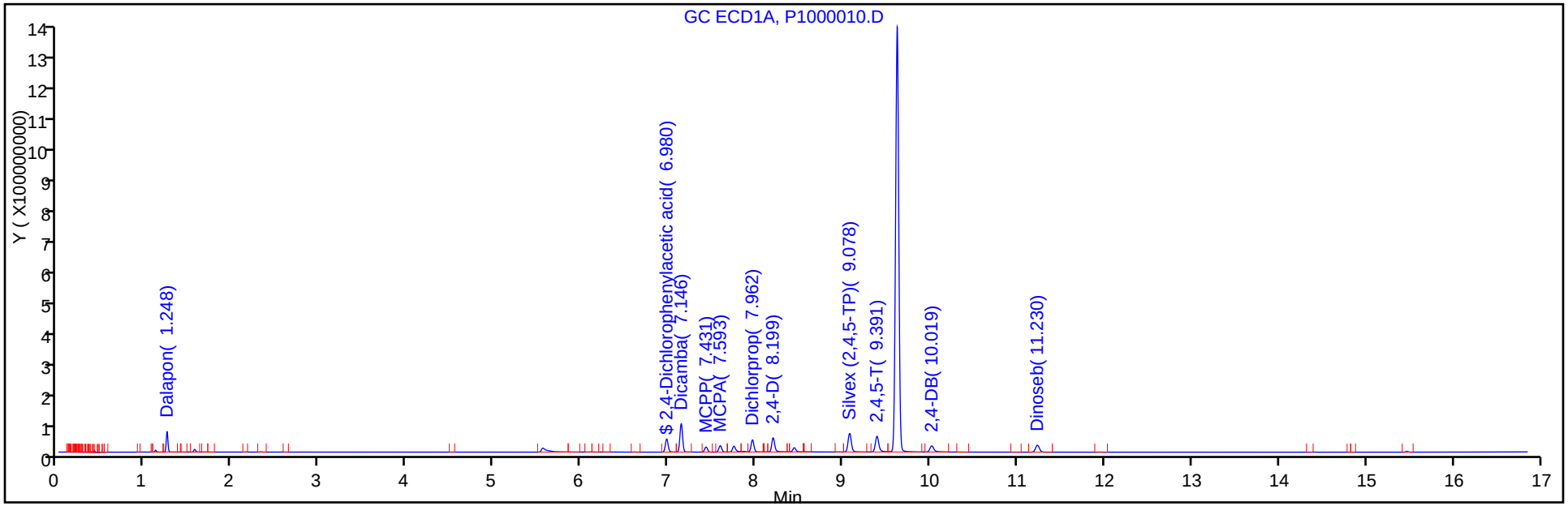
Report Date: 04-Dec-2012 09:15:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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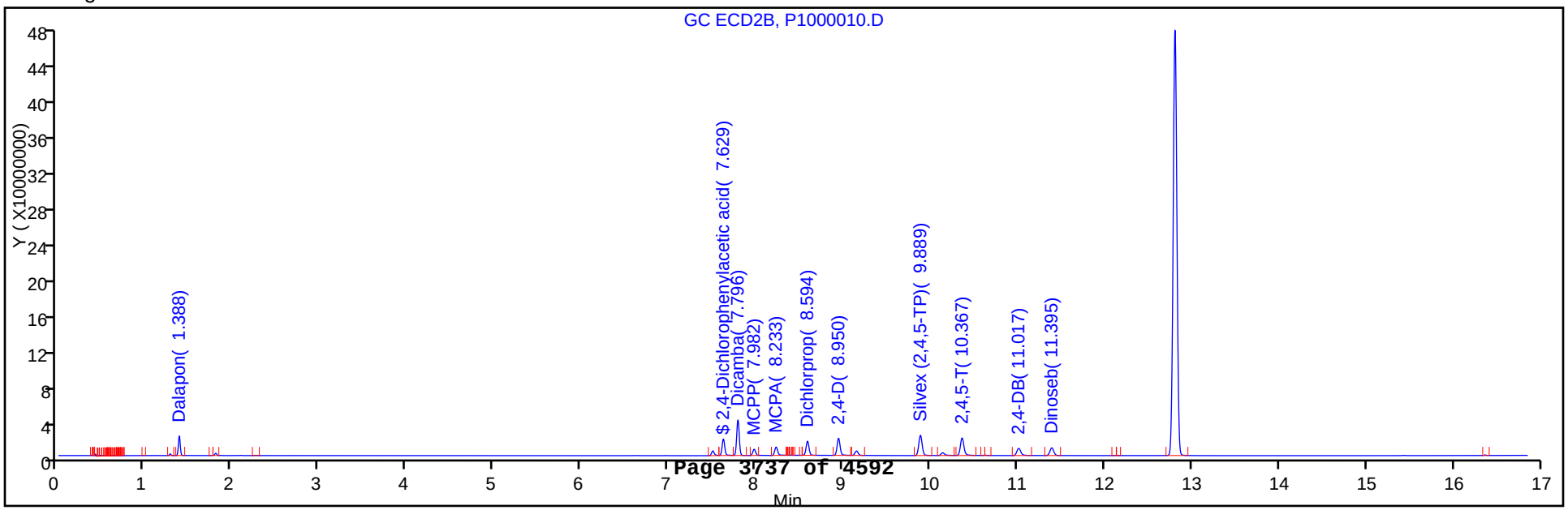
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000010.D

Injection Date:	03-Dec-2012 19:28:32	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



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Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Lims ID:	Std Corp6	Client ID:	
Inject. Date:	03-Dec-2012 19:52:08	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0015481-011		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	67147	Lims Sample ID:	11
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:55	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:55

	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
	5 Dalapon						
	1	1.248	1.248	0.000	121288028	0.2652	
	2	1.388	1.388	0.000	42289940	0.2911	
						RPD = 9.32	
$	4 2,4-Dichlorophenylacetic acid						
	1	6.977	6.979	-0.002	76833448	0.5154	
	2	7.628	7.629	-0.001	35620172	0.5738	
						RPD = 10.72	
	6 Dicamba						
	1	7.144	7.145	-0.001	165905083	0.2685	
	2	7.795	7.797	-0.002	76879929	0.3007	
						RPD = 11.29	
	10 MCPP						
	1	7.430	7.429	0.001	27783128	64.3	
	2	7.982	7.982	0.000	12273119	64.2	
						RPD = 0.14	
	9 MCPA						
	1	7.592	7.593	-0.001	34976673	64.2	
	2	8.234	8.233	0.001	16640034	60.9	
						RPD = 5.32	
	7 Dichlorprop						
	1	7.961	7.964	-0.003	70803641	0.5115	
	2	8.592	8.594	-0.002	30747337	0.5832	
						RPD = 13.12	
	2 2,4-D						
	1	8.197	8.202	-0.005	84437992	0.5609	
	2	8.949	8.950	-0.001	37727601	0.6085	
						RPD = 8.13	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.075	9.079	-0.004	115480945	0.1513	
2	9.888	9.889	-0.001	45316748	0.1596	
					RPD = 5.38	
1 2,4,5-T						
1	9.387	9.394	-0.007	99096490	0.1615	
2	10.364	10.369	-0.005	39796636	0.1640	
					RPD = 1.59	
3 2,4-DB						
1	10.014	10.024	-0.010	39026974	0.6113	
2	11.014	11.019	-0.005	16205984	0.6101	
					RPD = 0.19	
8 Dinoseb						
1	11.229	11.231	-0.002	42511226	0.0840	
2	11.394	11.395	-0.001	17166642	0.0888	
					RPD = 5.48	

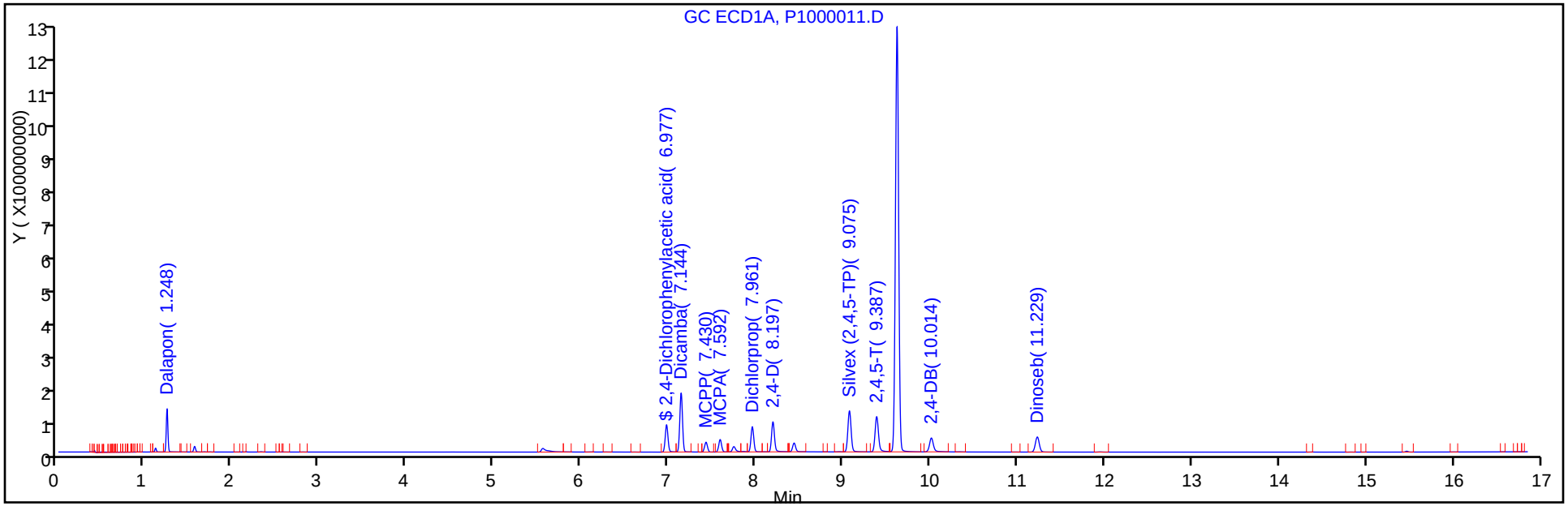
Report Date: 04-Dec-2012 09:15:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D

Injection Date:	03-Dec-2012 19:52:08	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	11
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

