

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

TestAmerica Canton

Data File: \\NCCChrom\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

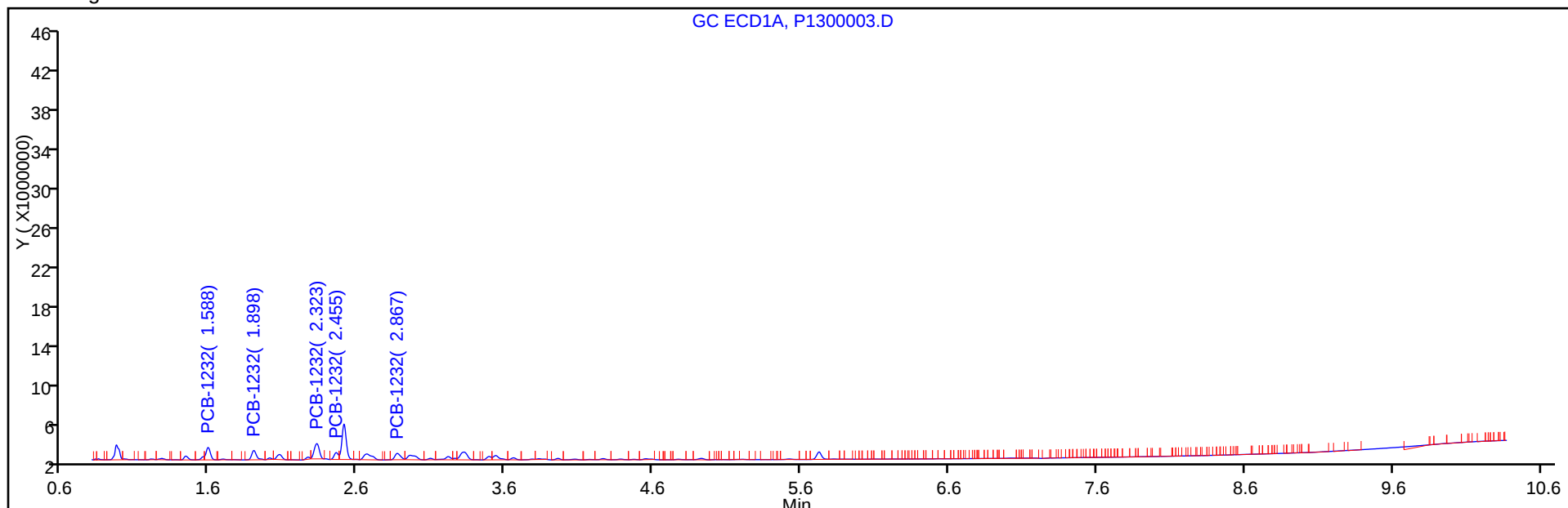
Operator ID:

Injection Vol: 1.0 ul

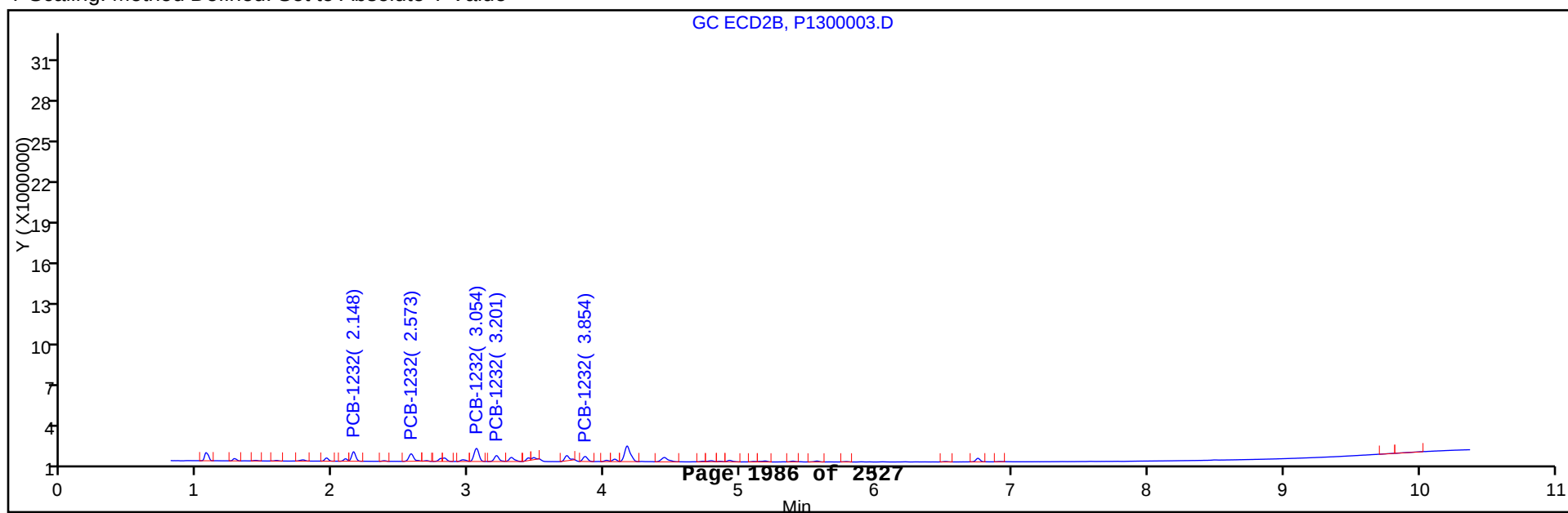
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCChrom\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

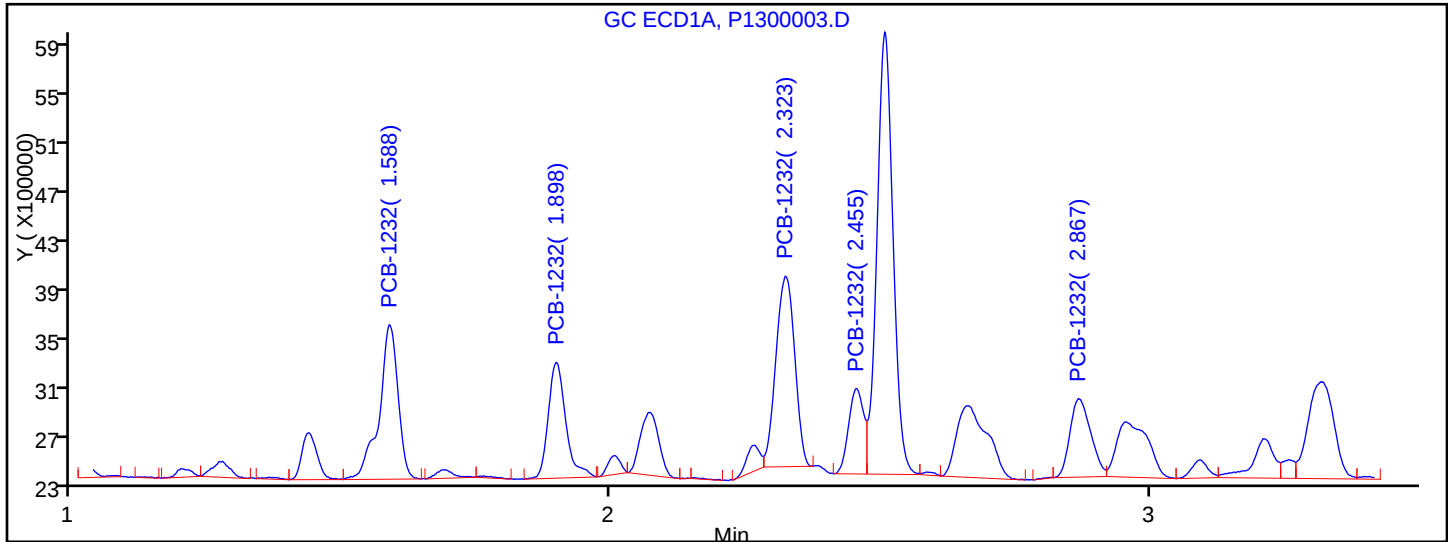
Operator ID:

Injection Vol: 1.0 ul

Column Type:

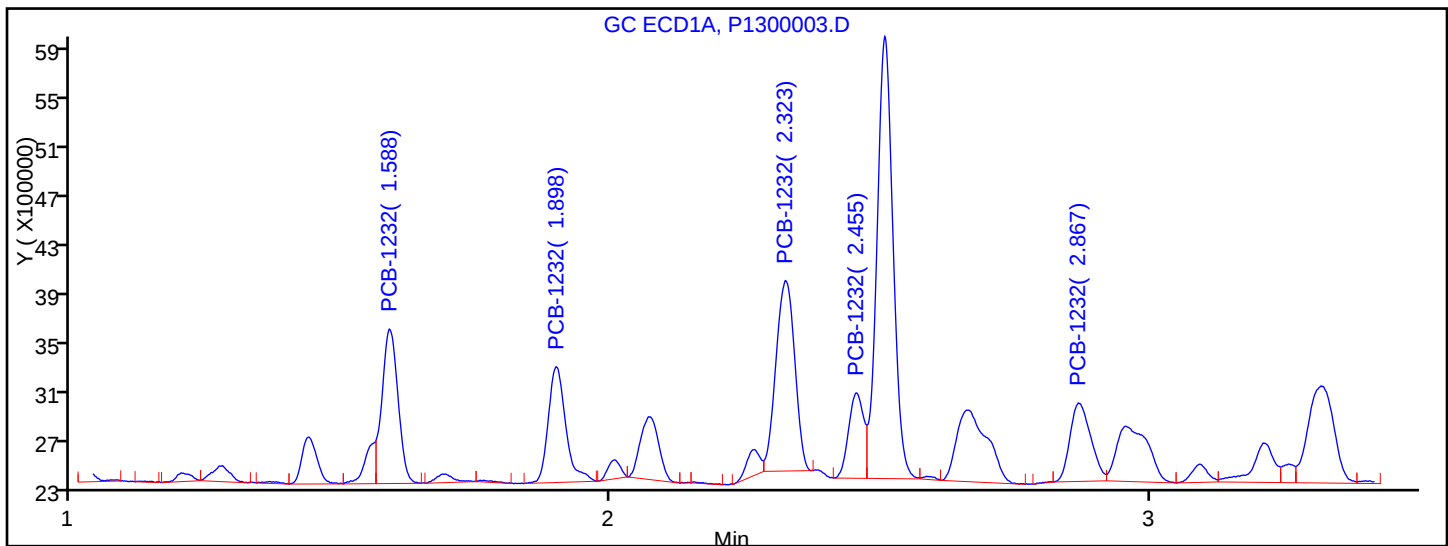
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\ChromData\A2HP13\20121019-14228.b\1300004.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

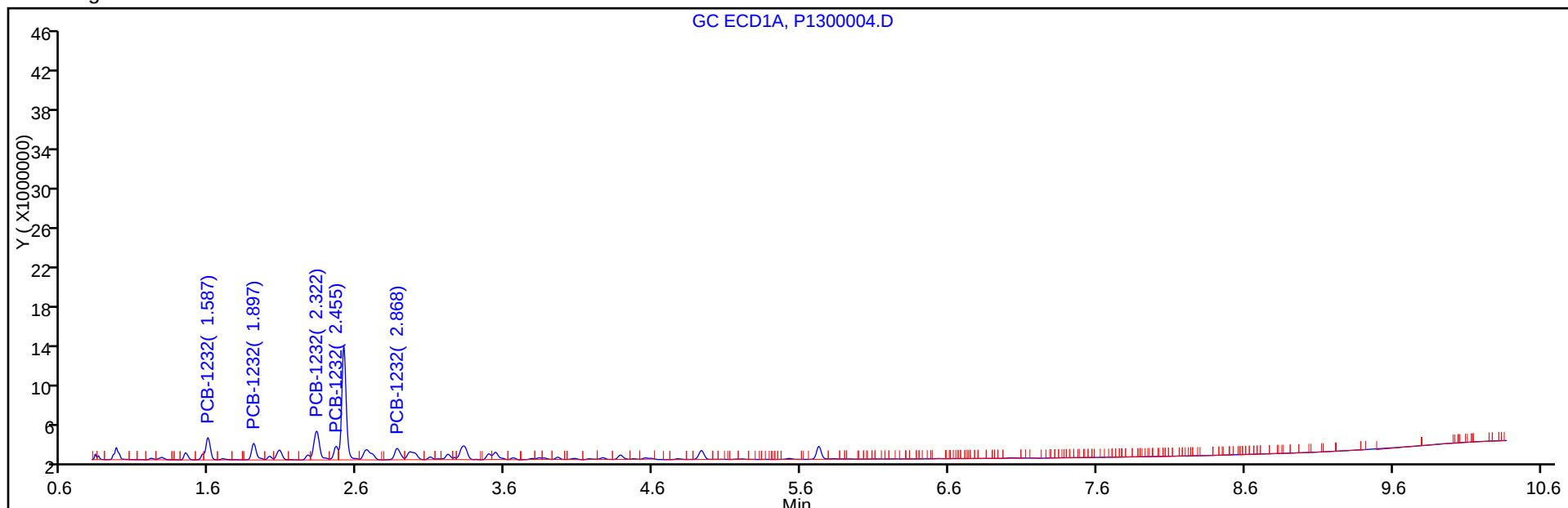
Operator ID:

Injection Vol: 1.0 ul

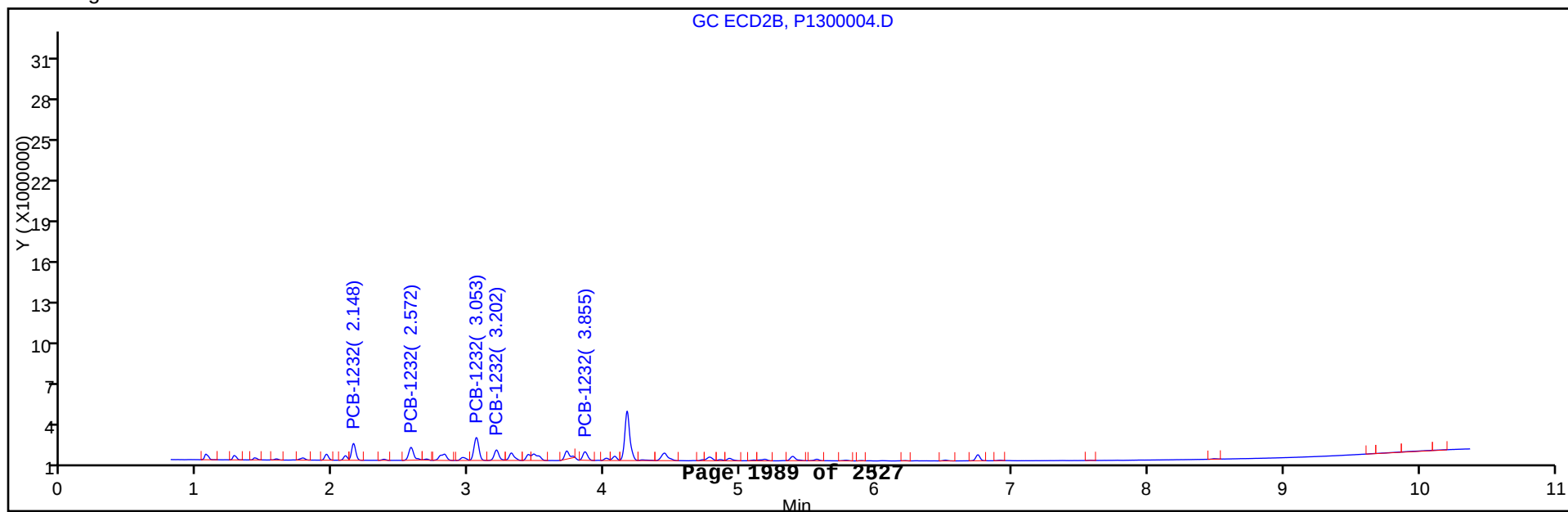
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCChrom\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

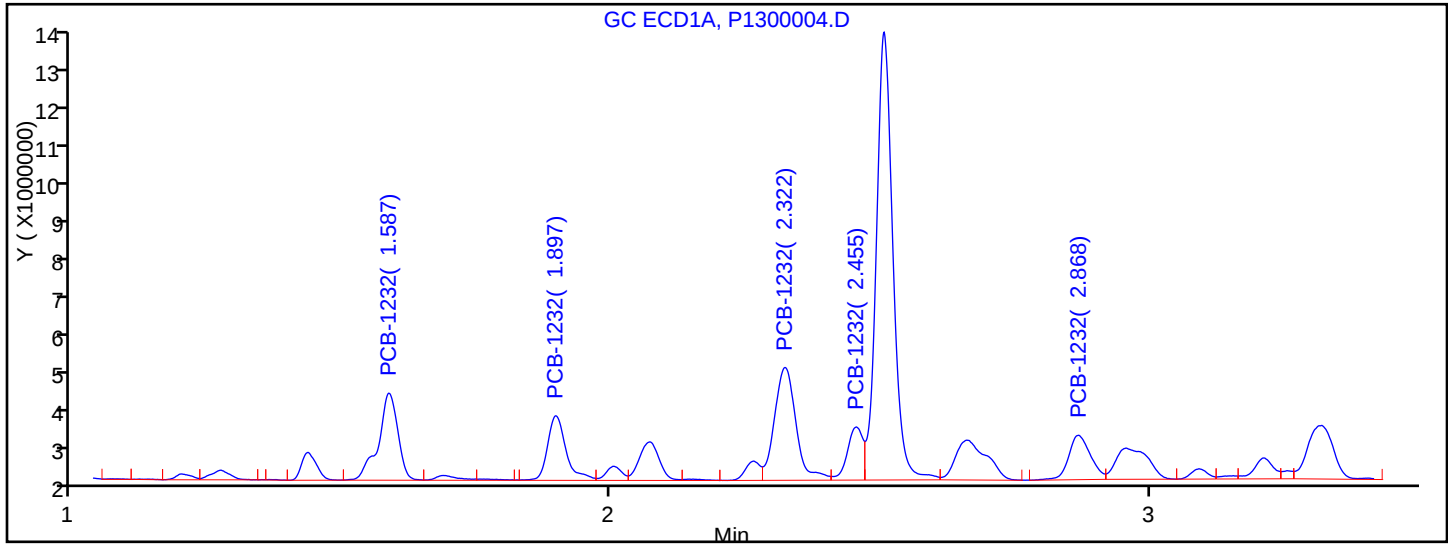
Operator ID:

Injection Vol: 1.0 ul

Column Type:

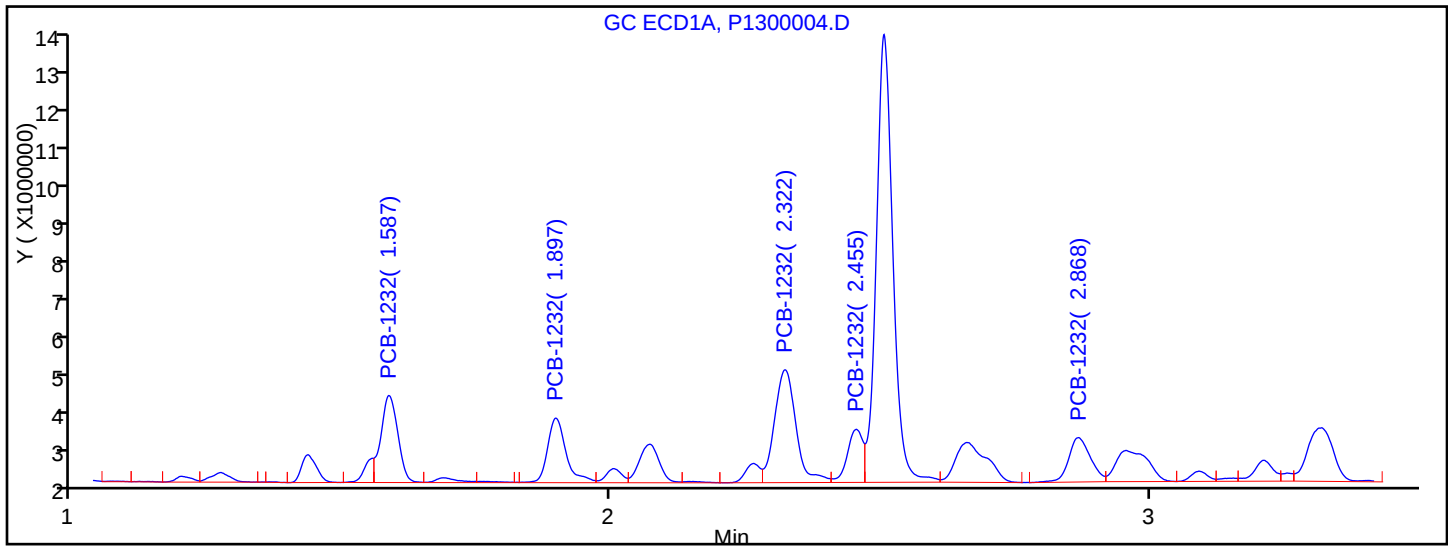
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

TestAmerica Canton

Data File: \\NCCchrom\ChromData\A2HP13\20121019-14228.b\1300005.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

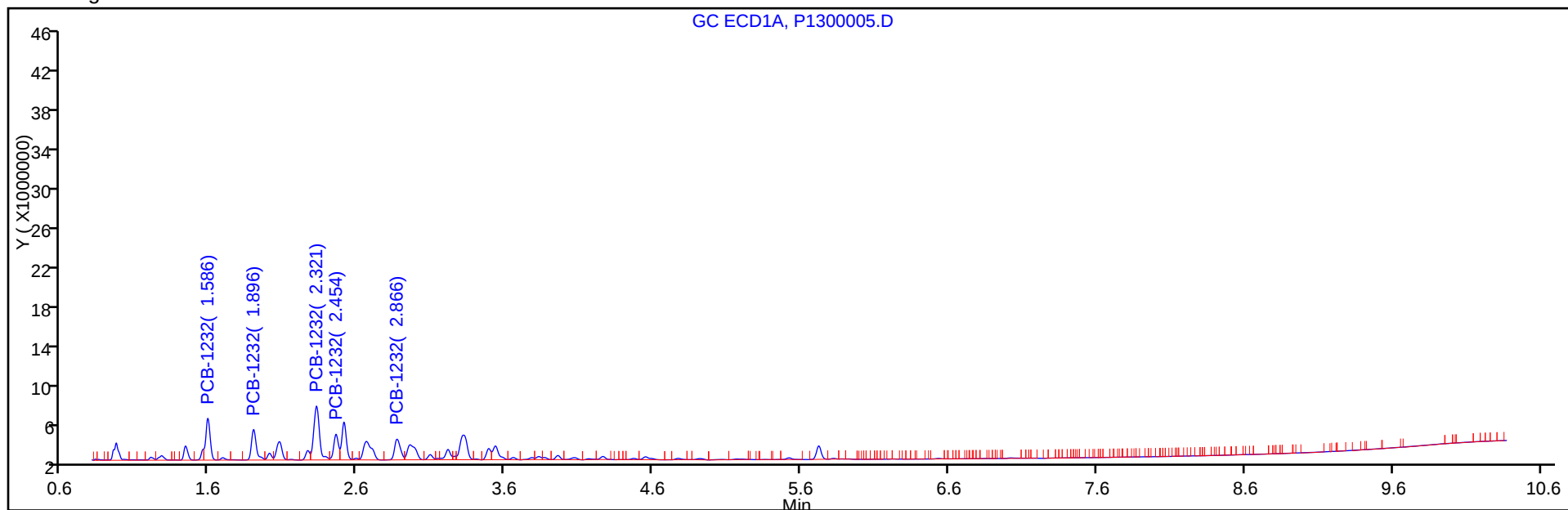
Operator ID:

Injection Vol: 1.0 ul

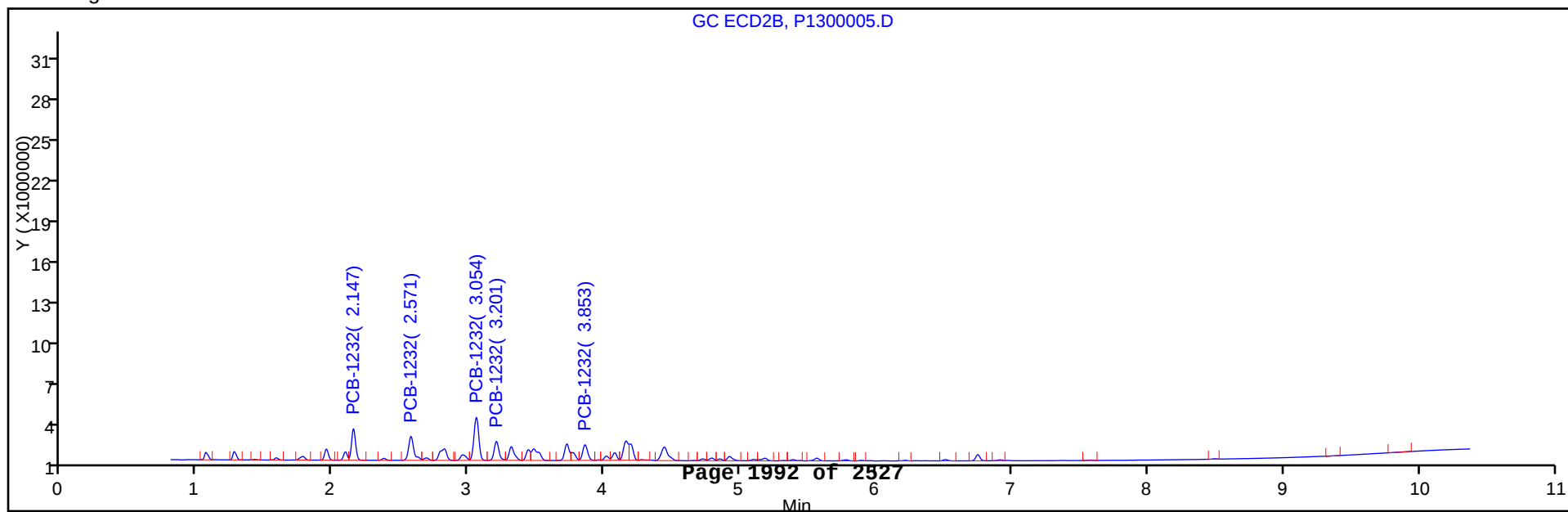
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCchrom\ChromData\A2HP13\20121019-14228.b\1300005.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

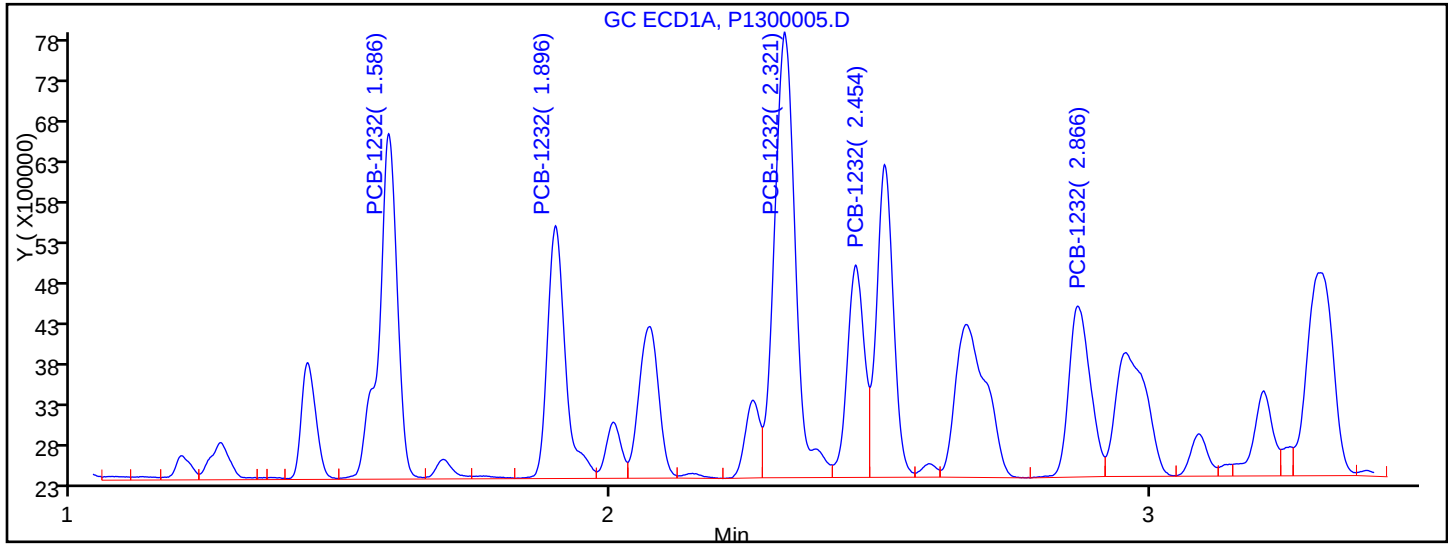
Operator ID:

Injection Vol: 1.0 ul

Column Type:

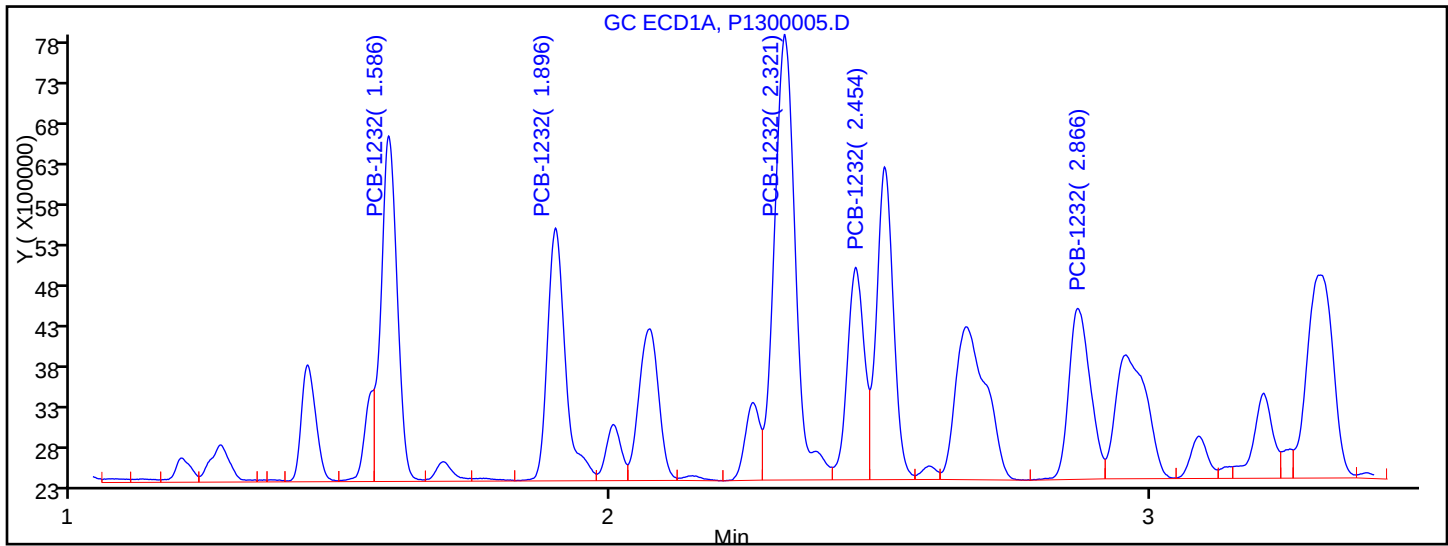
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

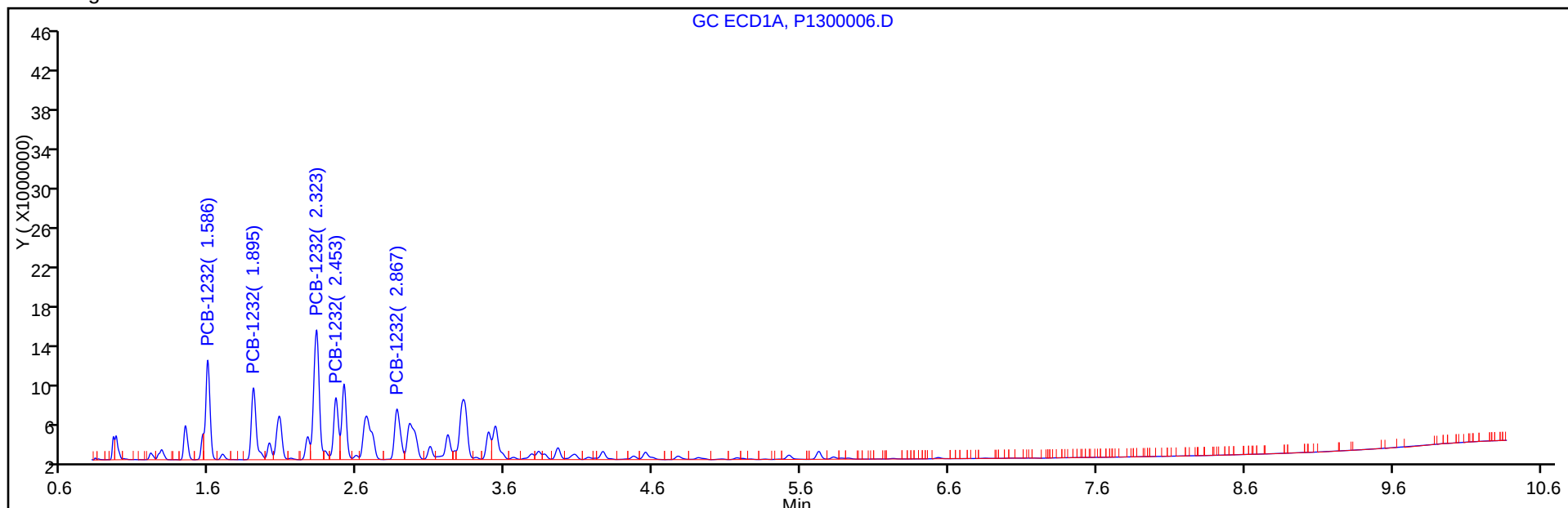
Operator ID:

Injection Vol: 1.0 ul

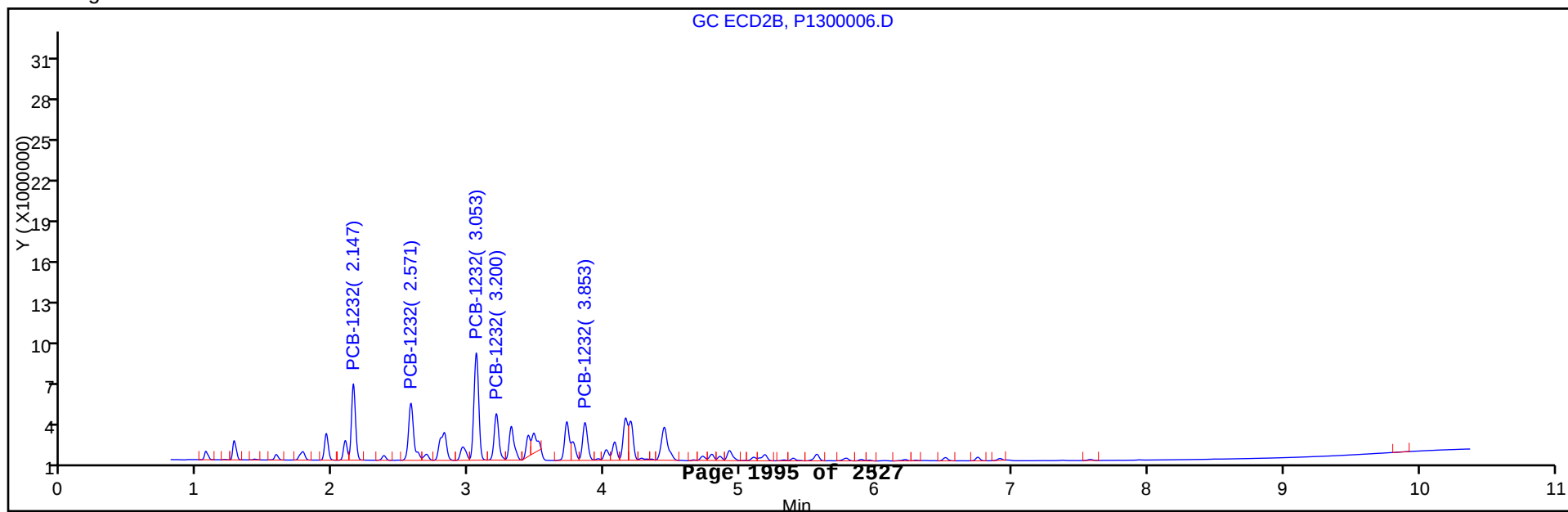
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

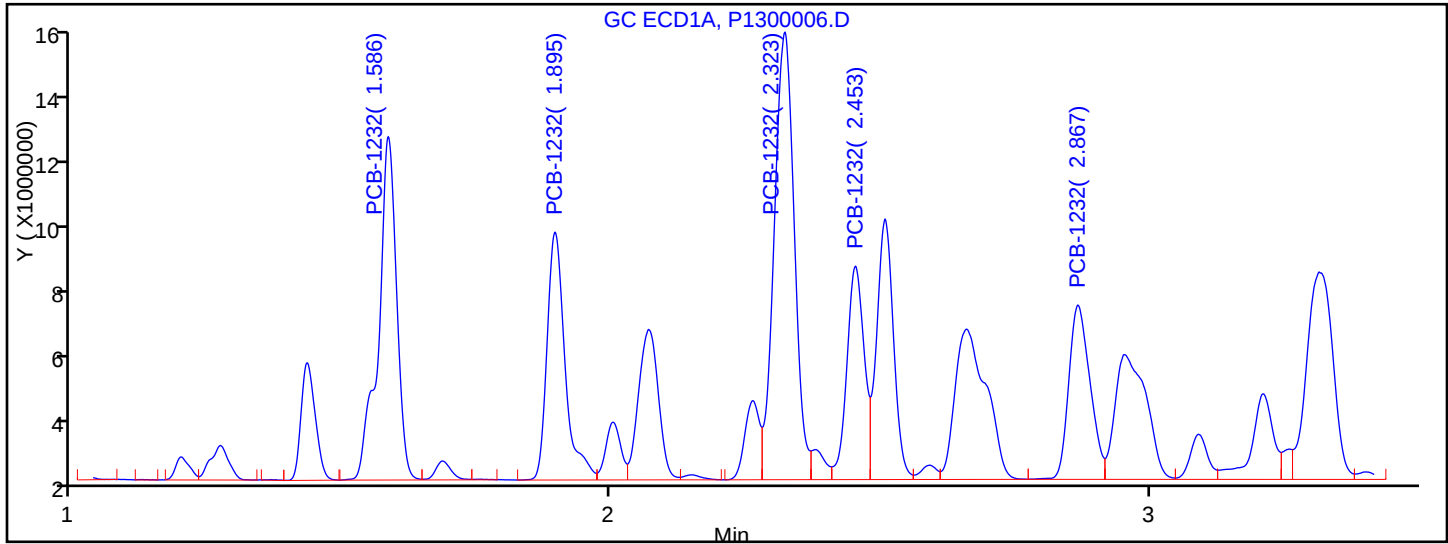
Operator ID:

Injection Vol: 1.0 ul

Column Type:

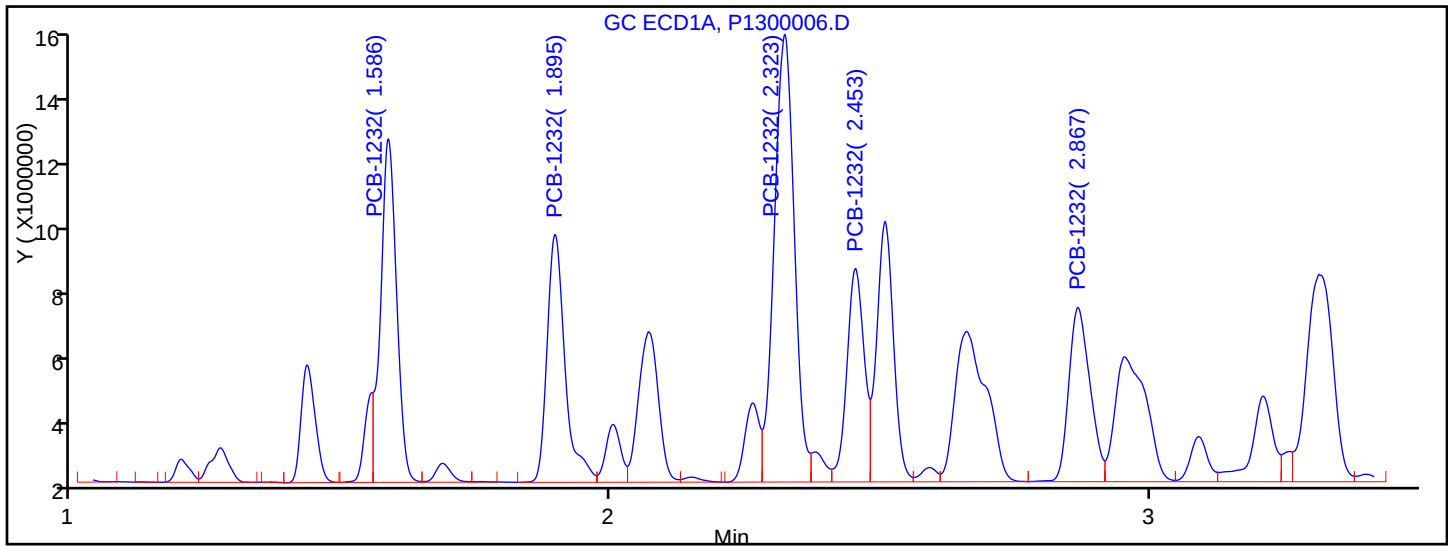
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

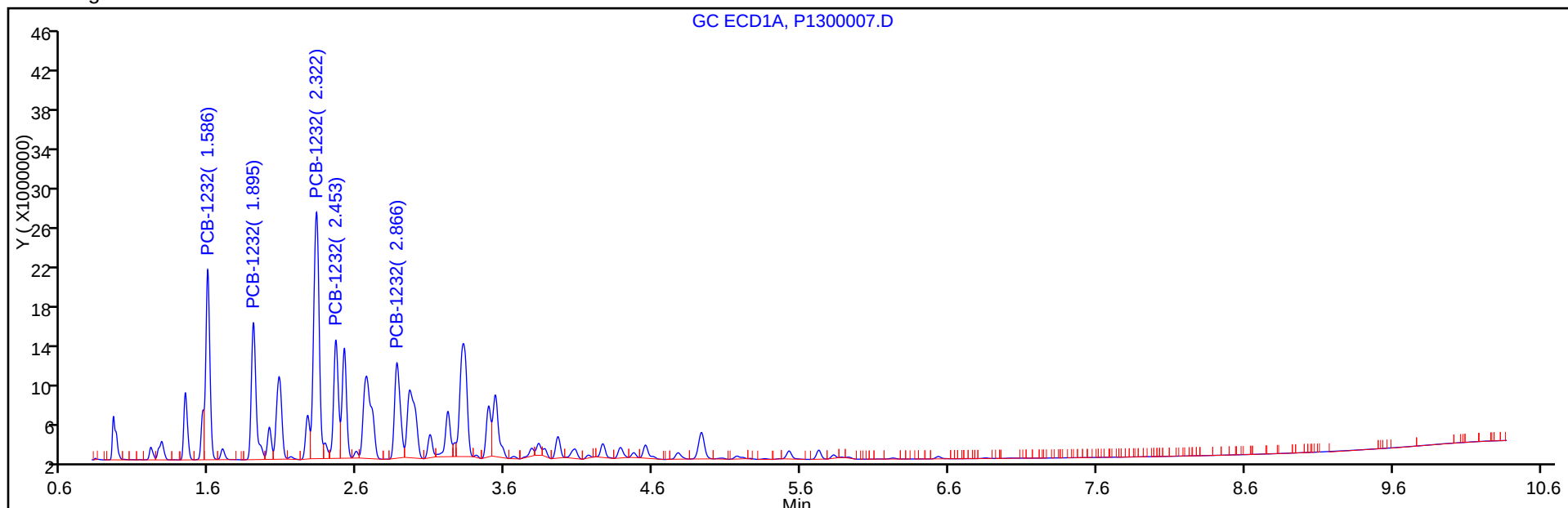
Operator ID:

Injection Vol: 1.0 ul

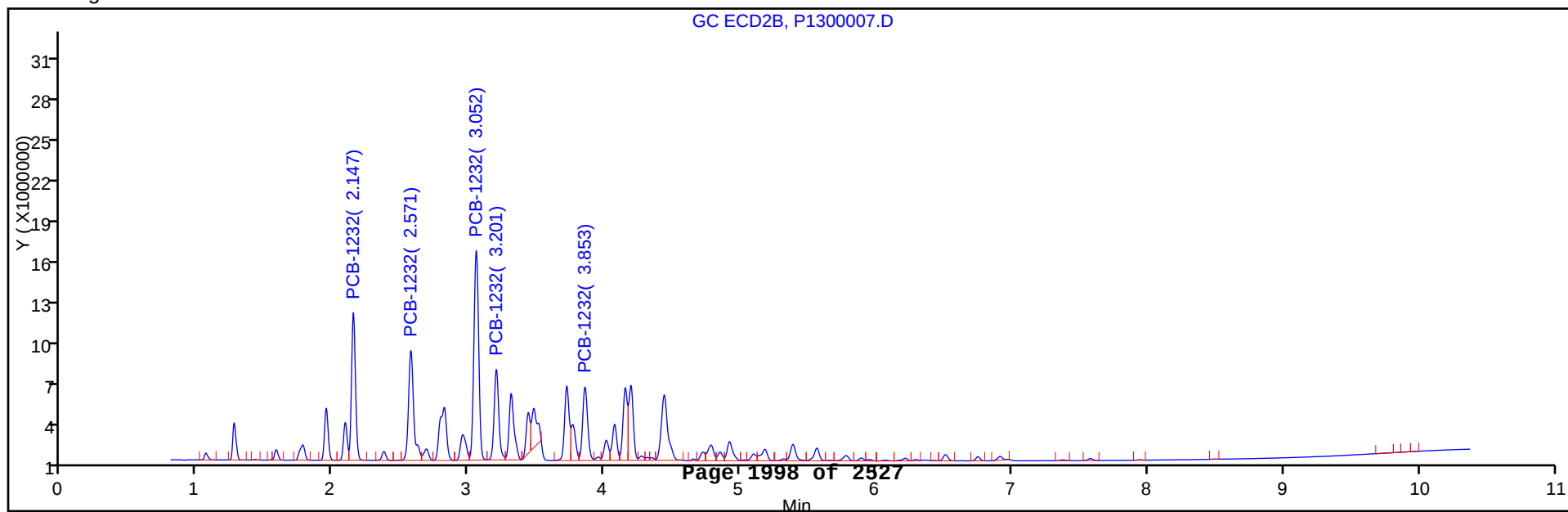
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

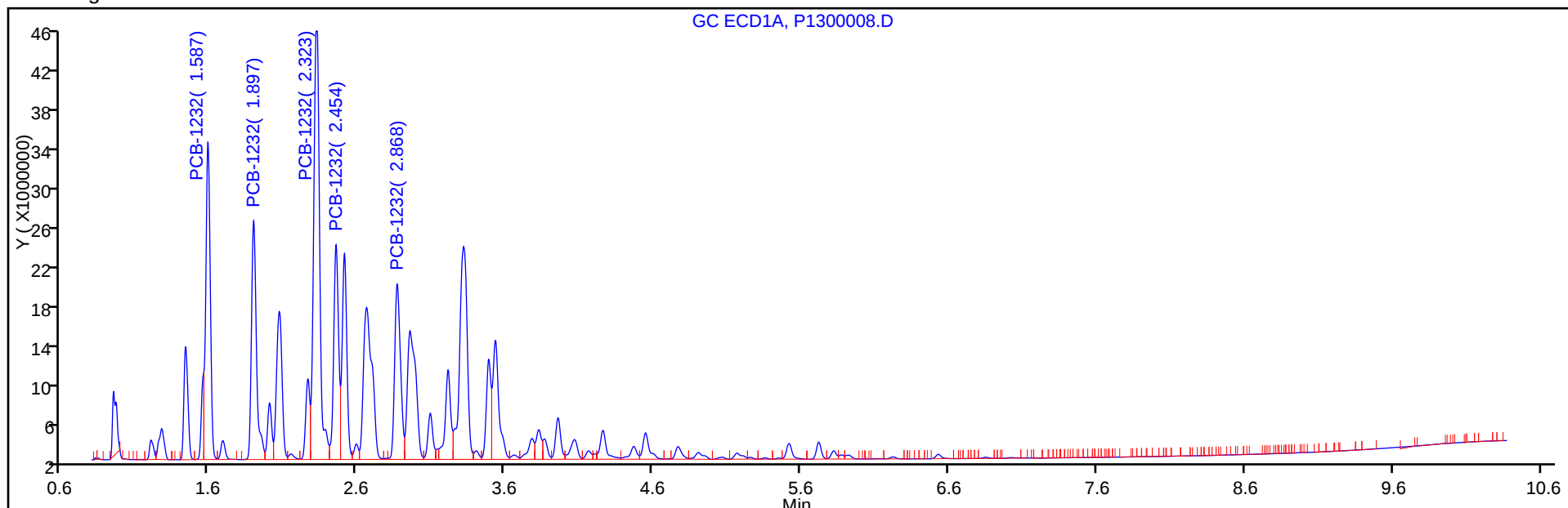
Operator ID:

Injection Vol: 1.0 ul

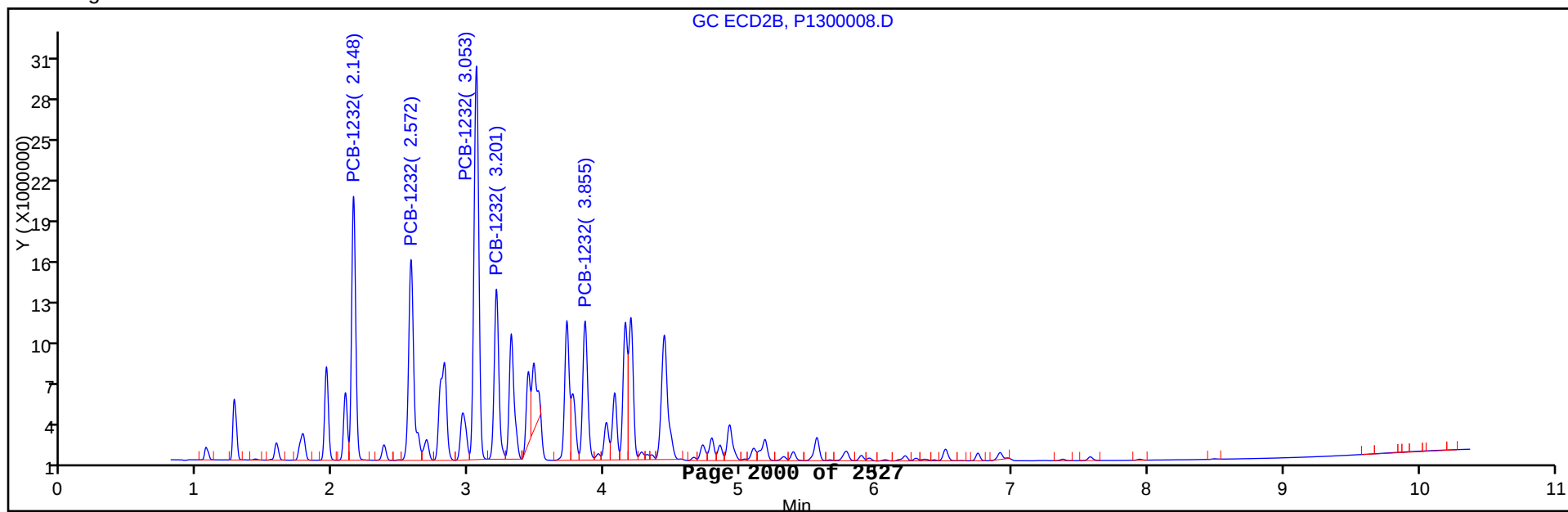
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

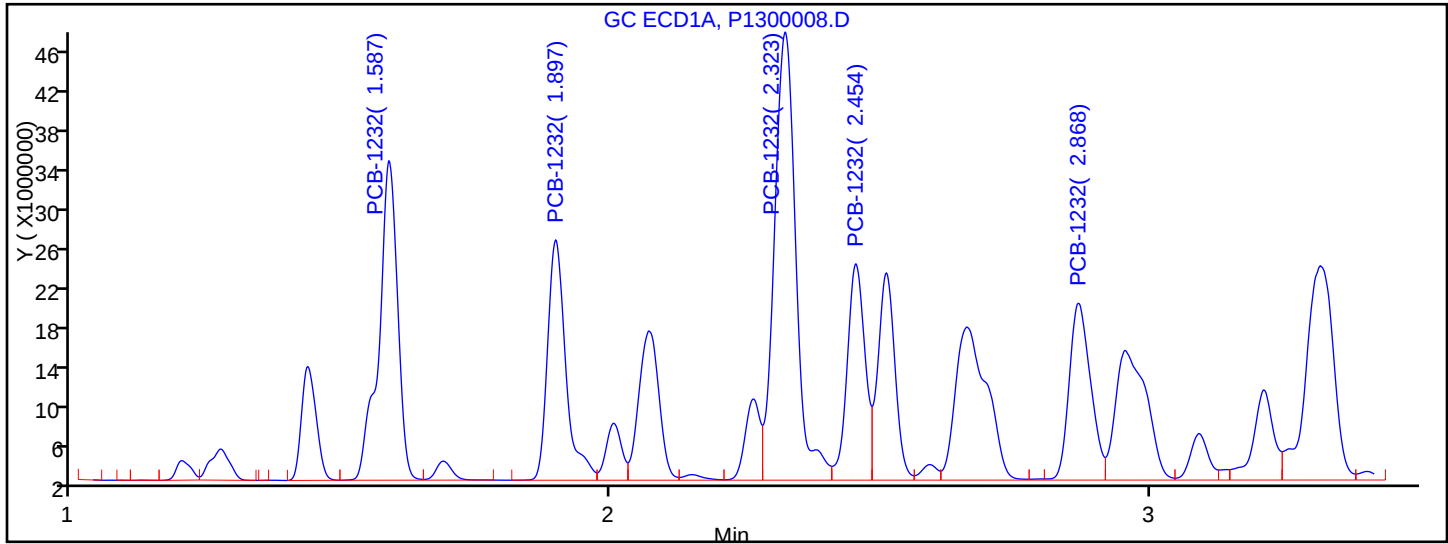
Operator ID:

Injection Vol: 1.0 ul

Column Type:

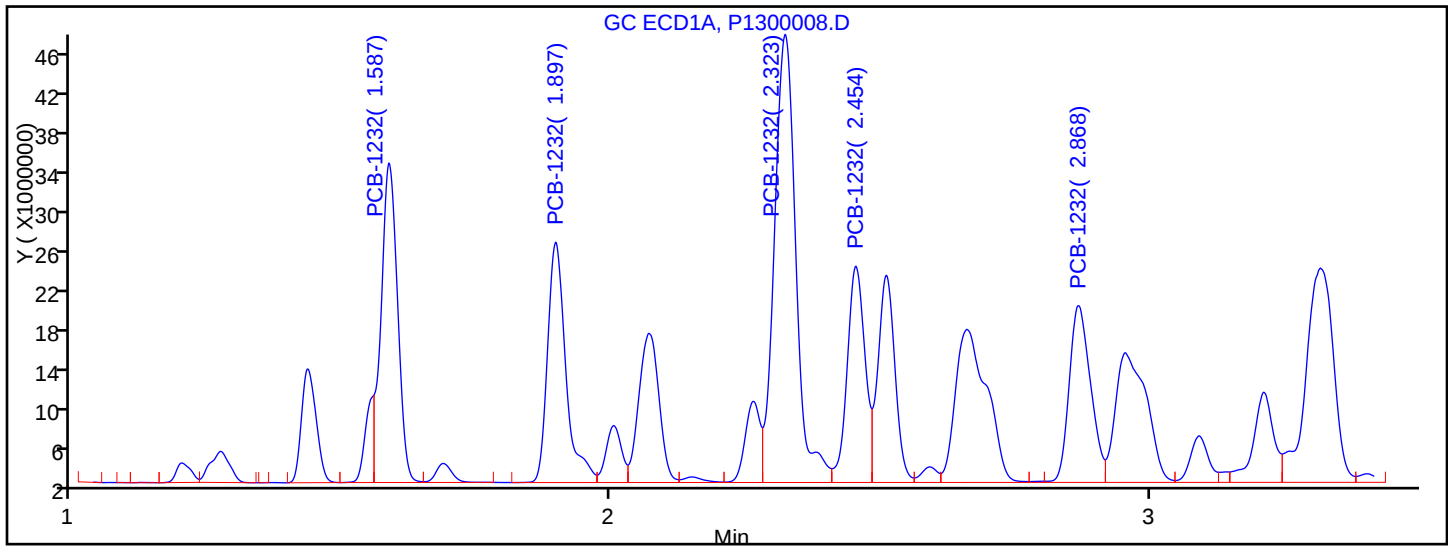
Column Dia:

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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

TestAmerica Canton

Data File: \\NCCChrom\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

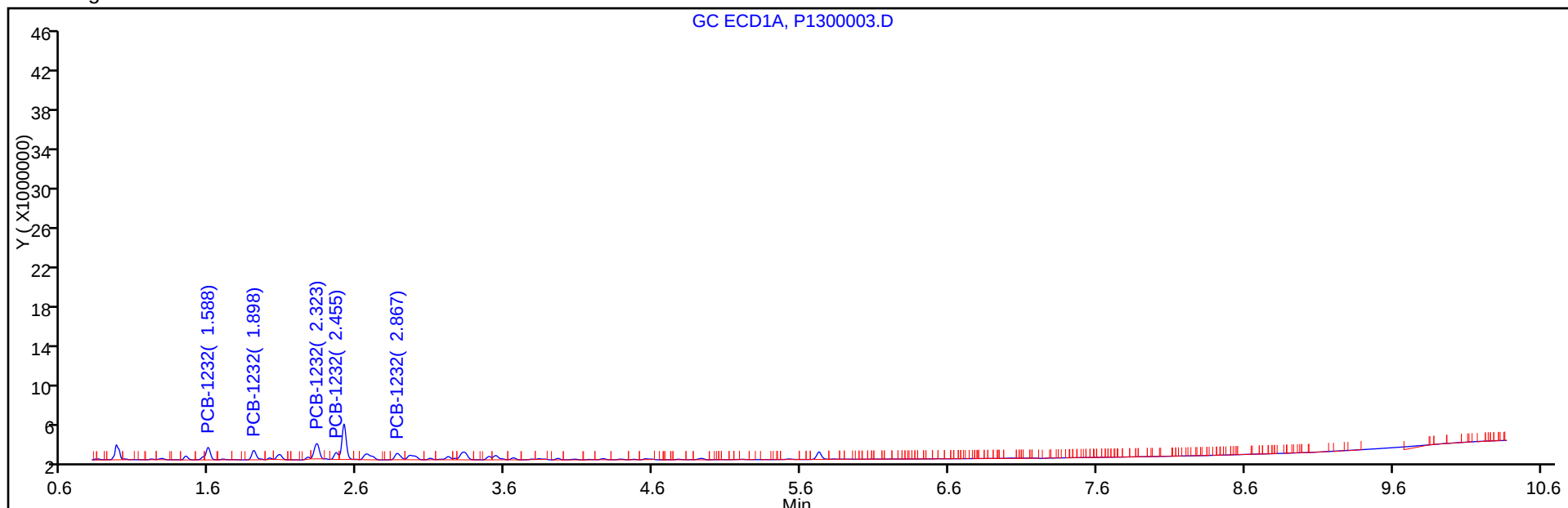
Operator ID:

Injection Vol: 1.0 ul

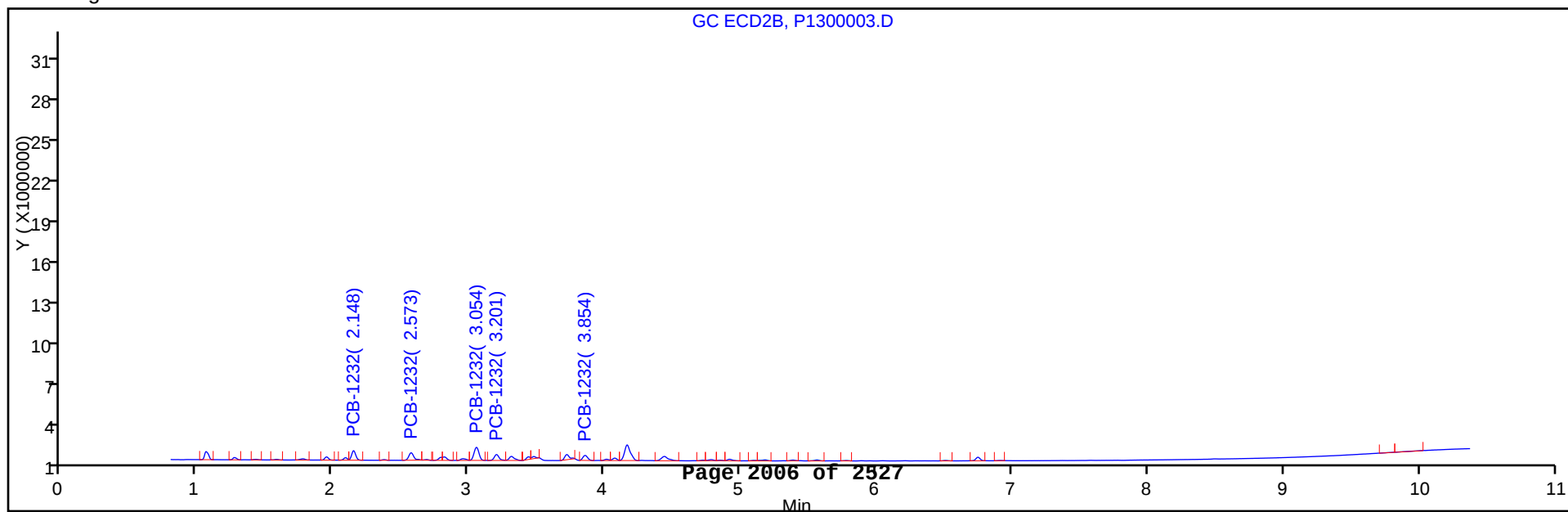
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

TestAmerica Canton

Data File: \\NCCchrom\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

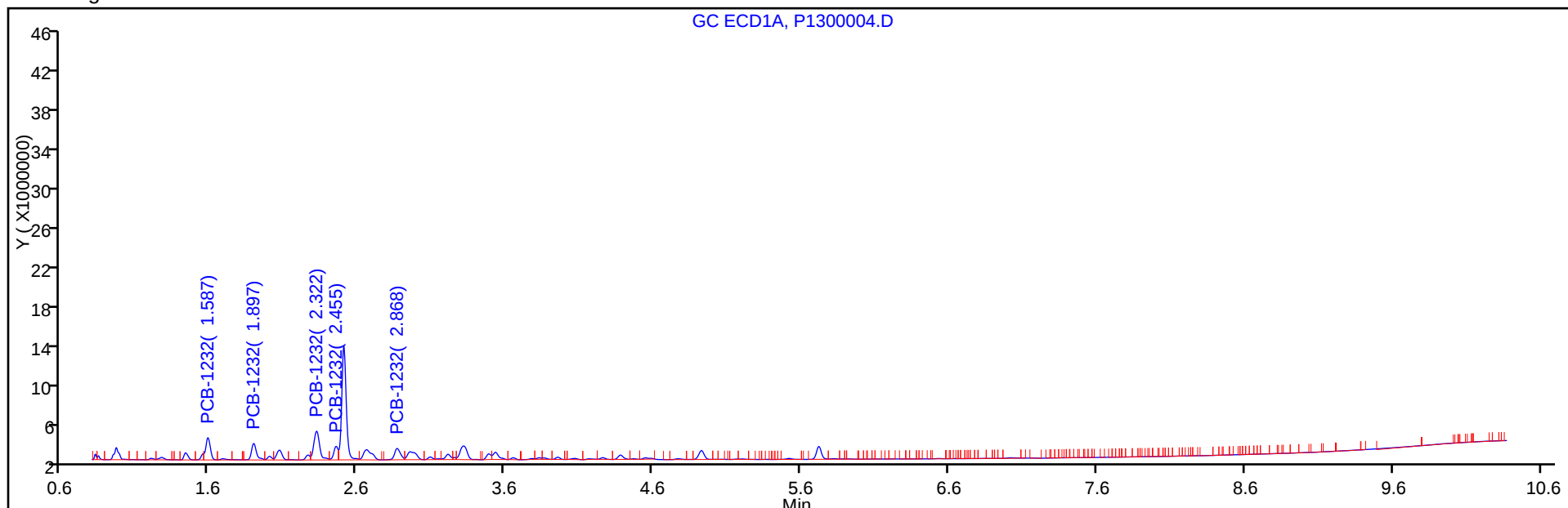
Operator ID:

Injection Vol: 1.0 ul

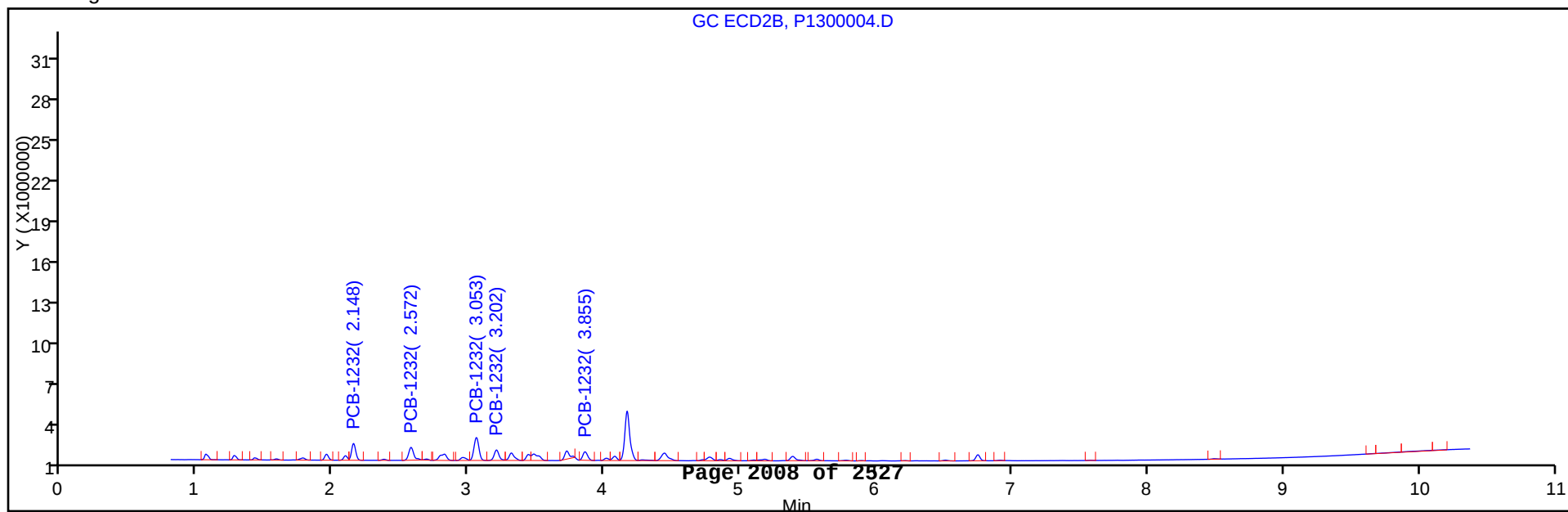
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

TestAmerica Canton

Data File: \\NCCchrom\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

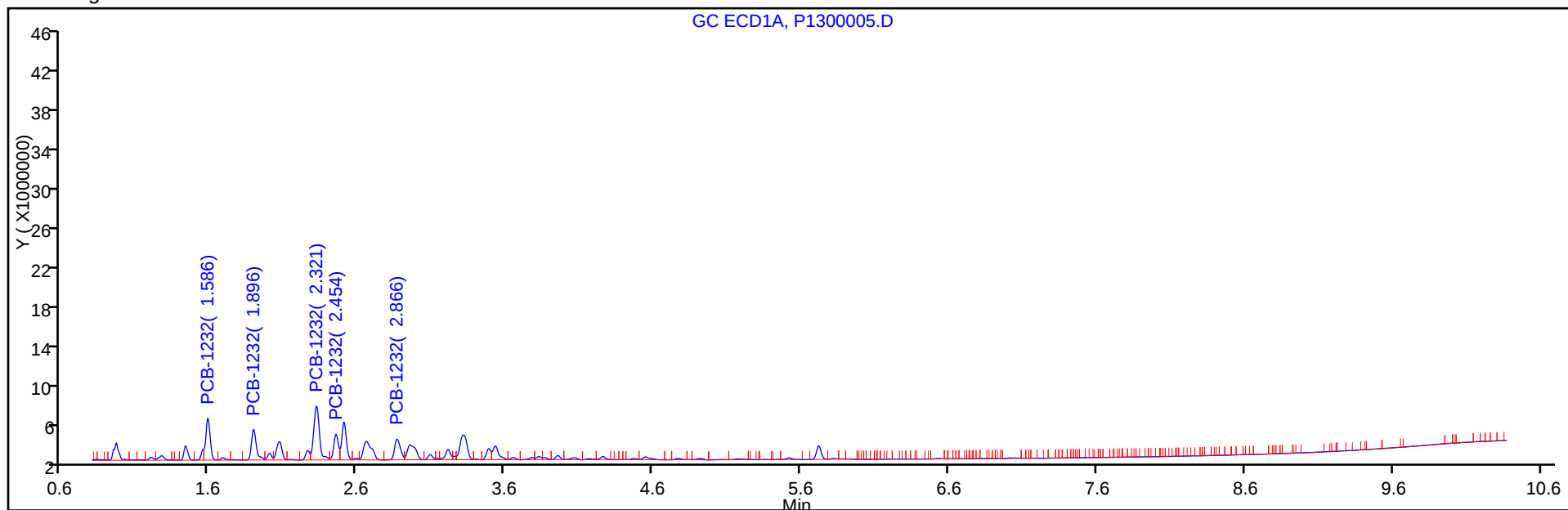
Operator ID:

Injection Vol: 1.0 ul

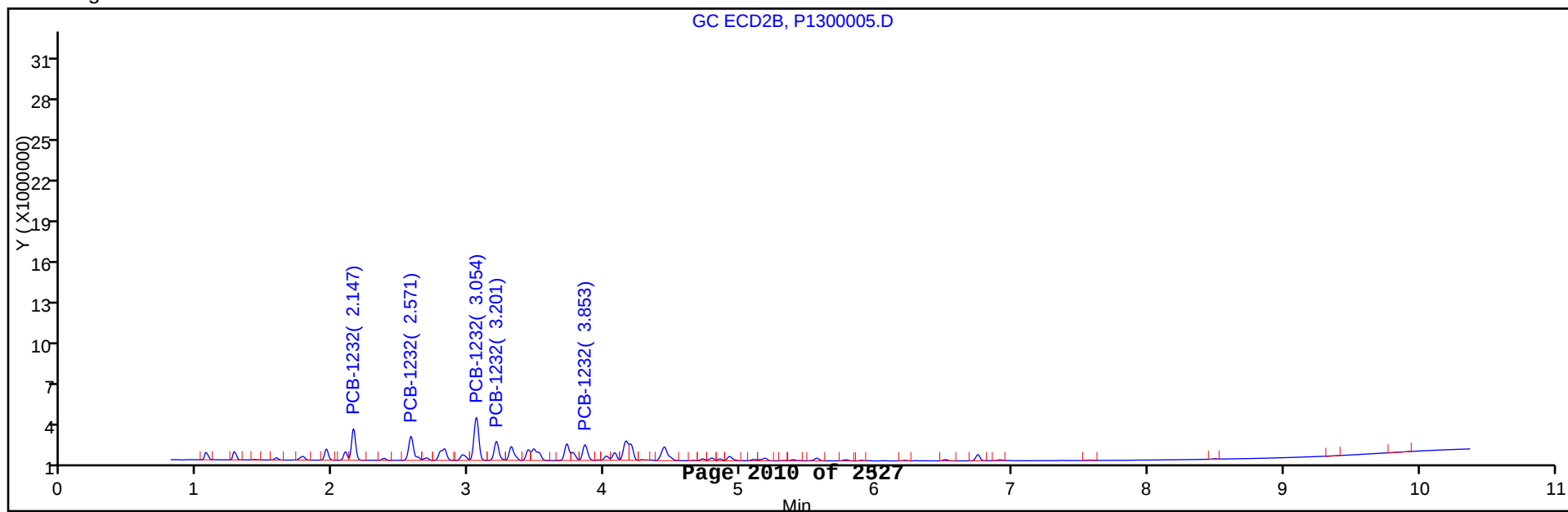
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

TestAmerica Canton

Data File: \\NCCchrom\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

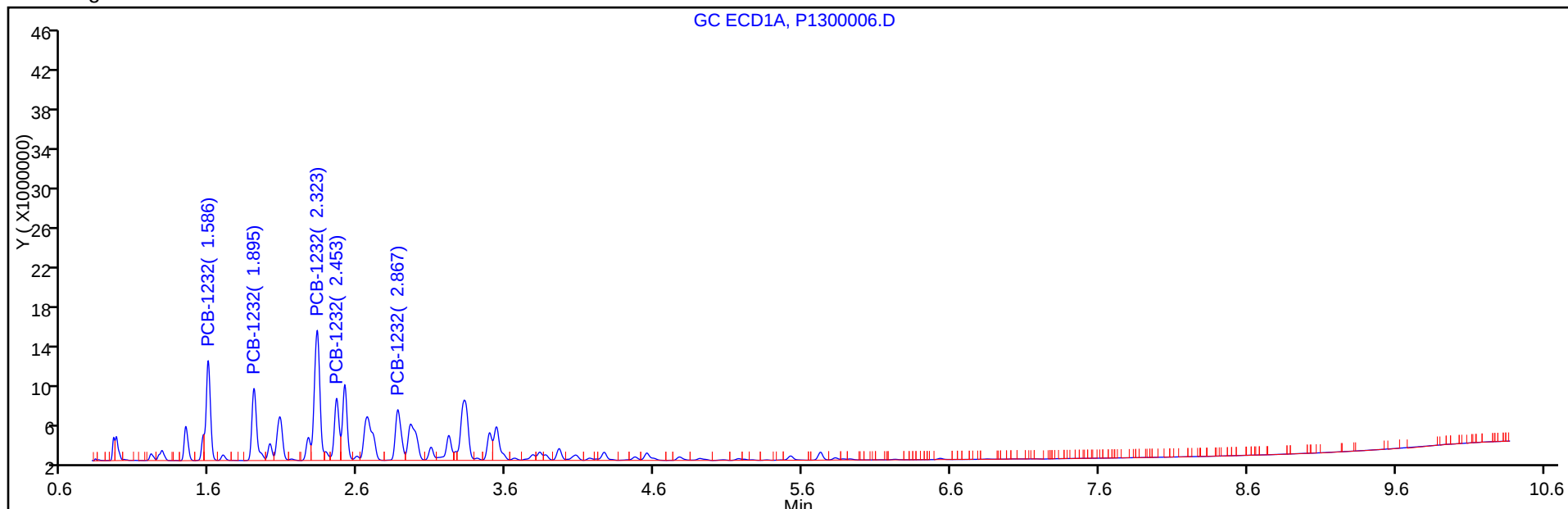
Operator ID:

Injection Vol: 1.0 ul

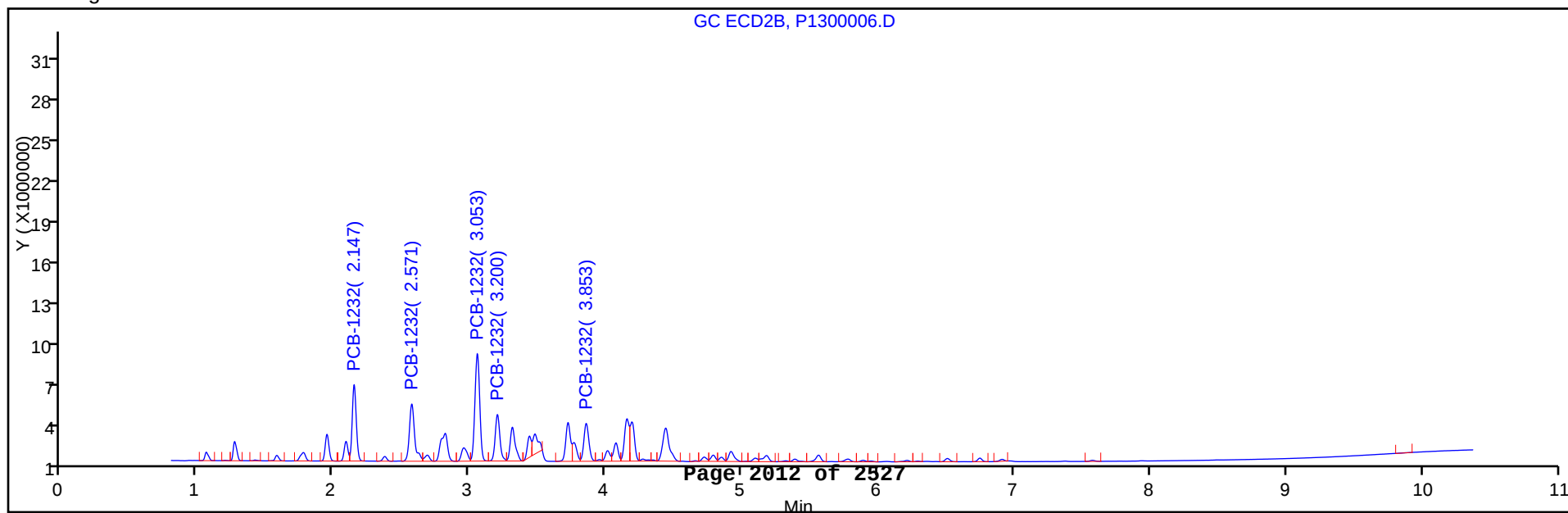
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

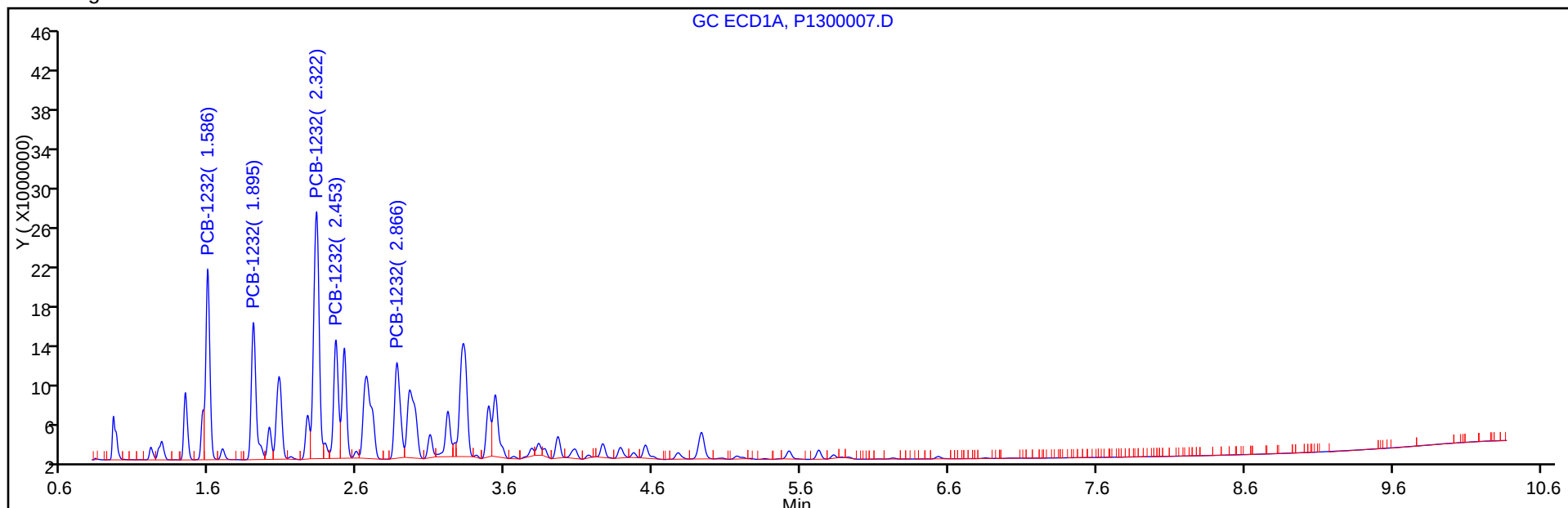
Operator ID:

Injection Vol: 1.0 ul

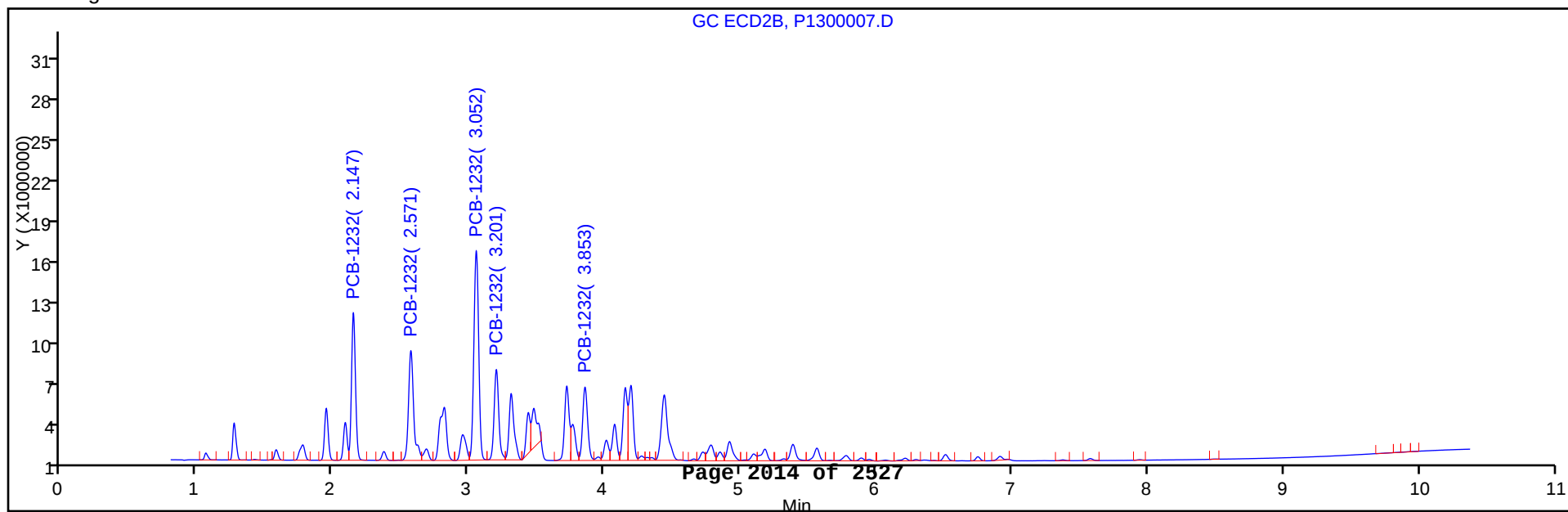
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

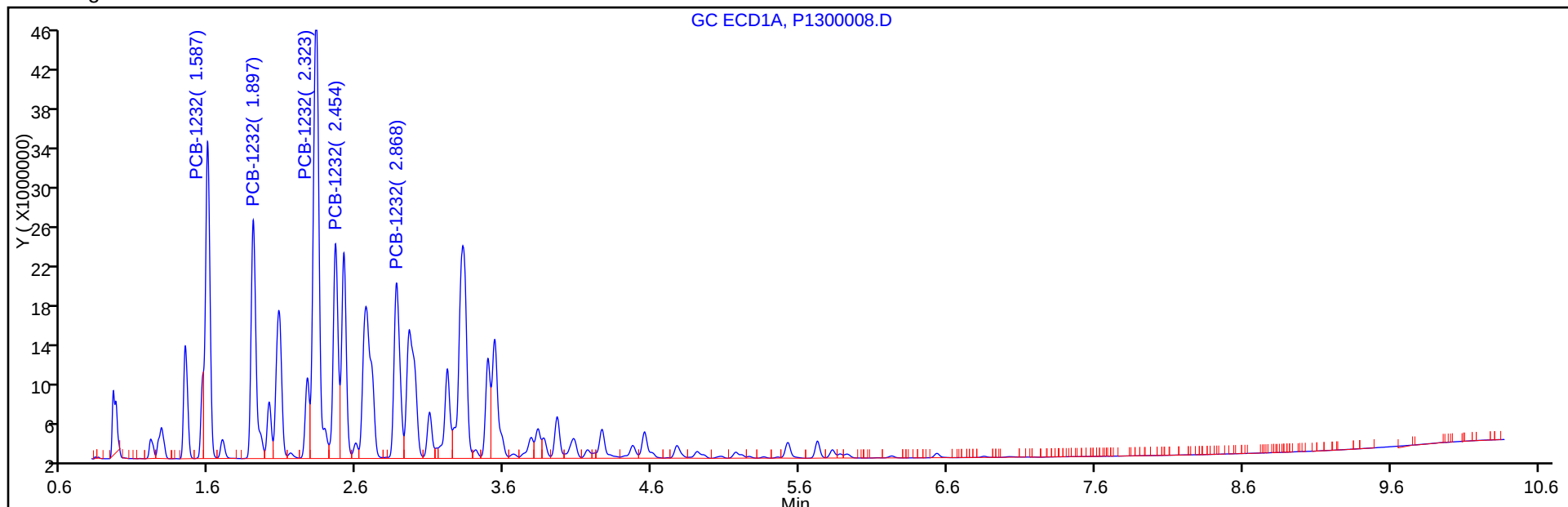
Operator ID:

Injection Vol: 1.0 ul

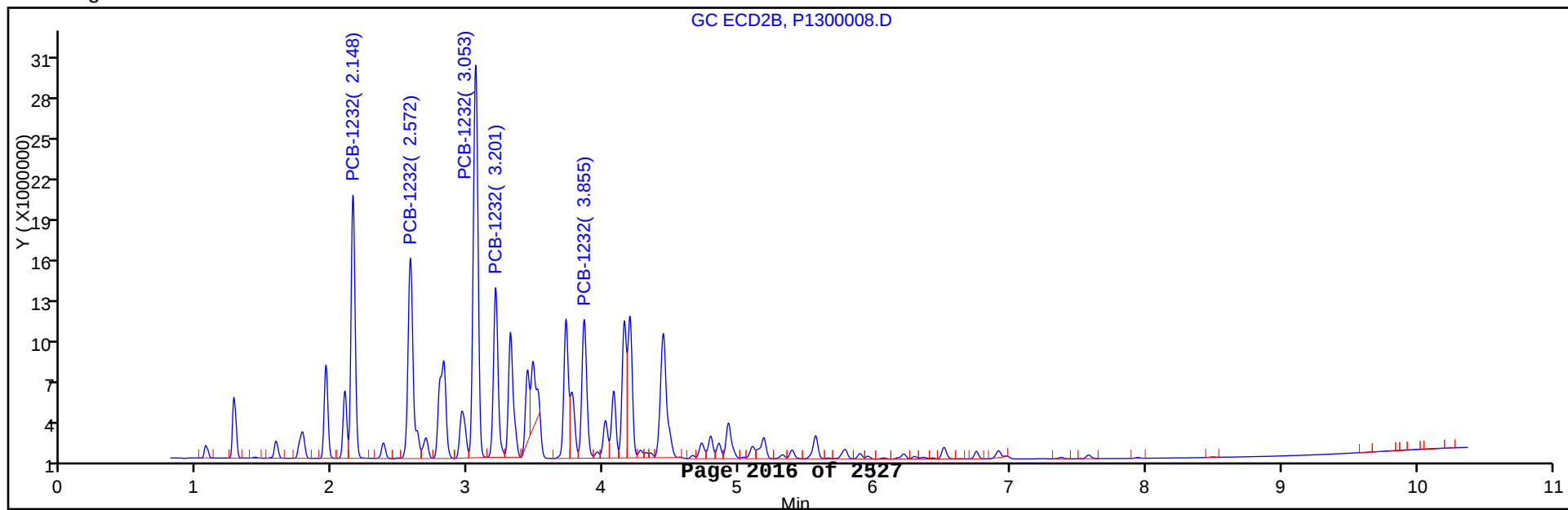
Column Type:

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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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			

TestAmerica Canton

Data File: \\NCCchrom\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

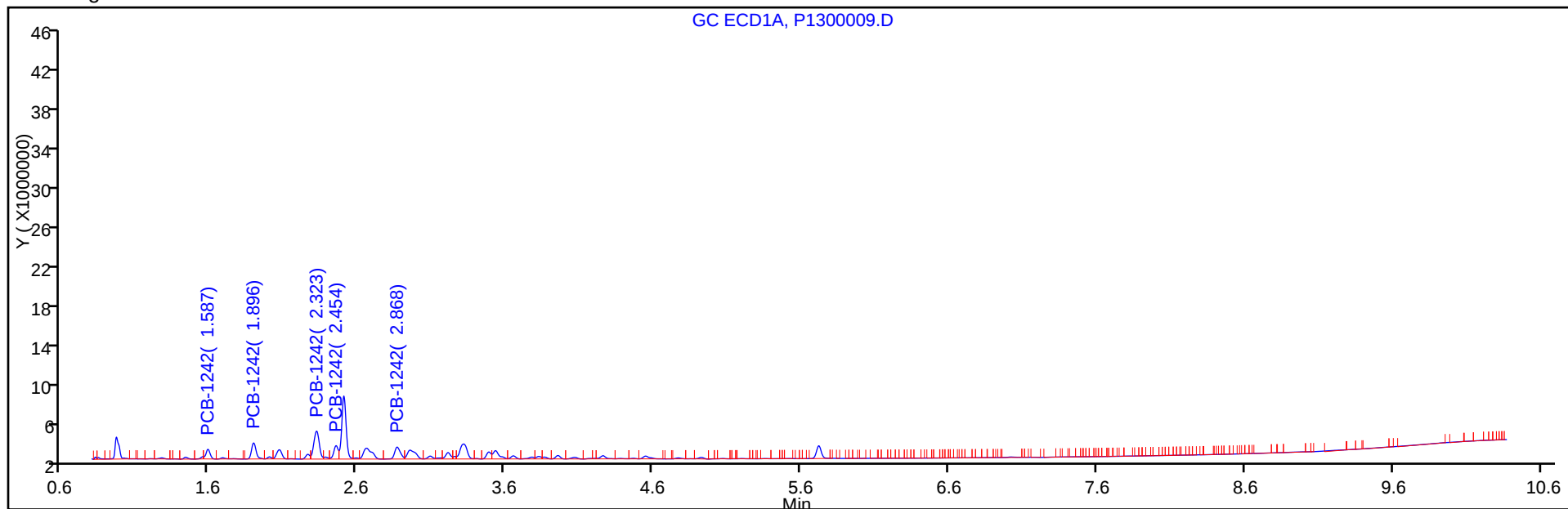
Operator ID:

Injection Vol: 1.0 ul

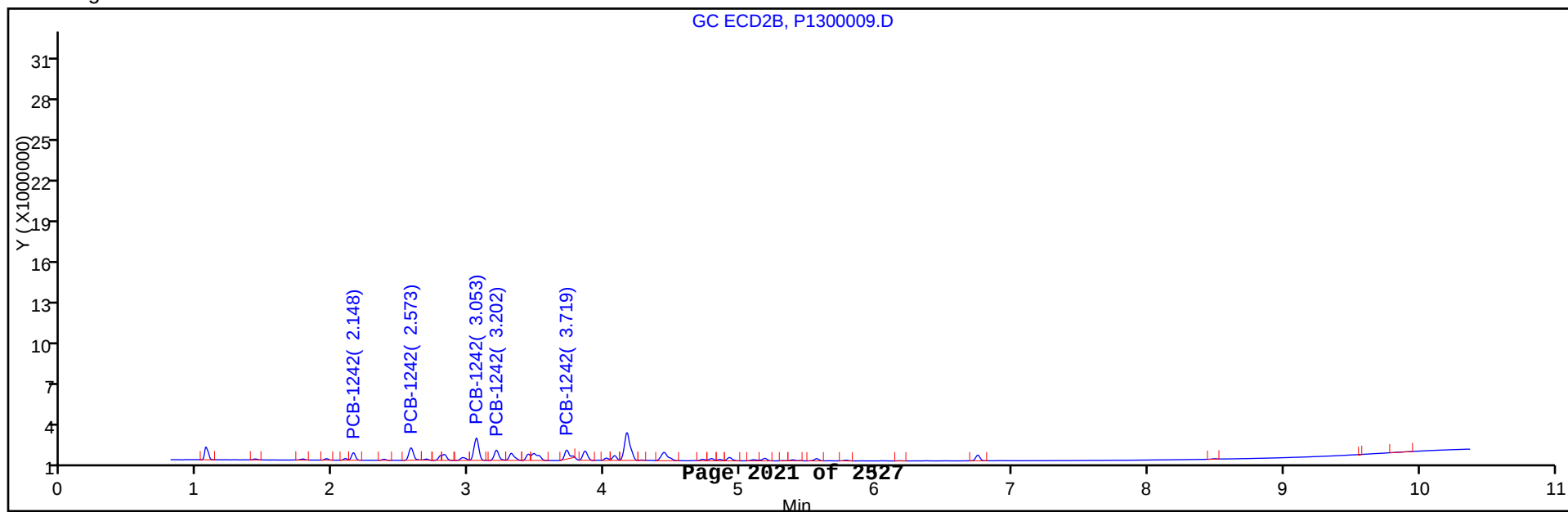
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

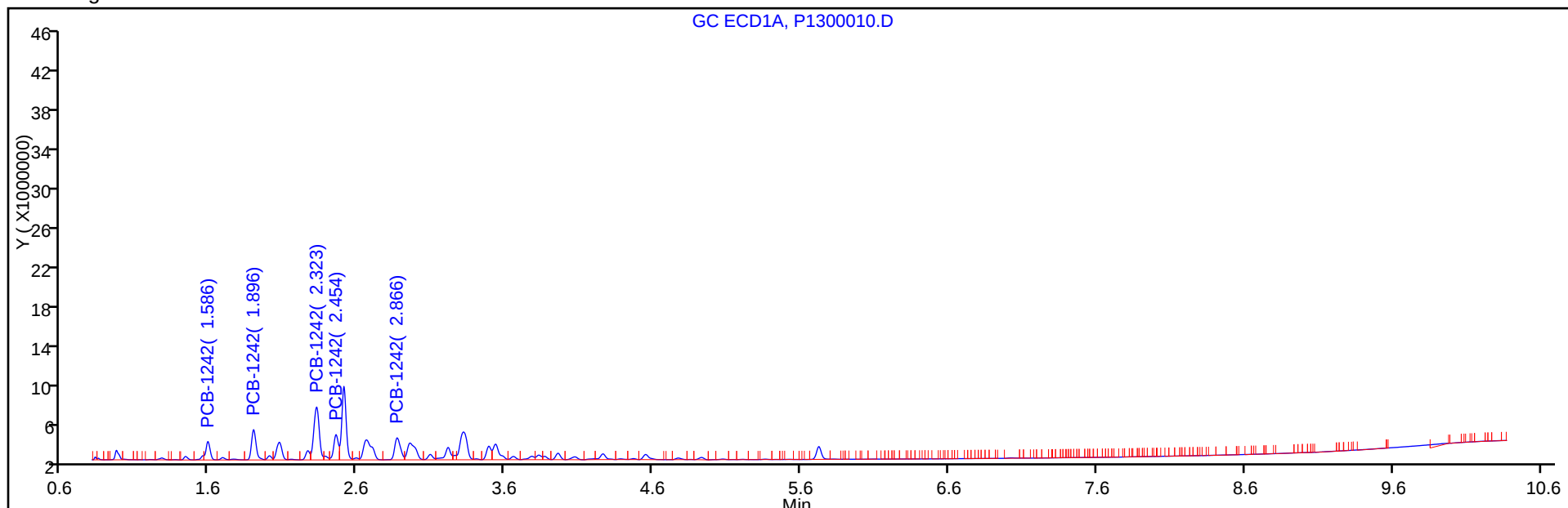
Operator ID:

Injection Vol: 1.0 ul

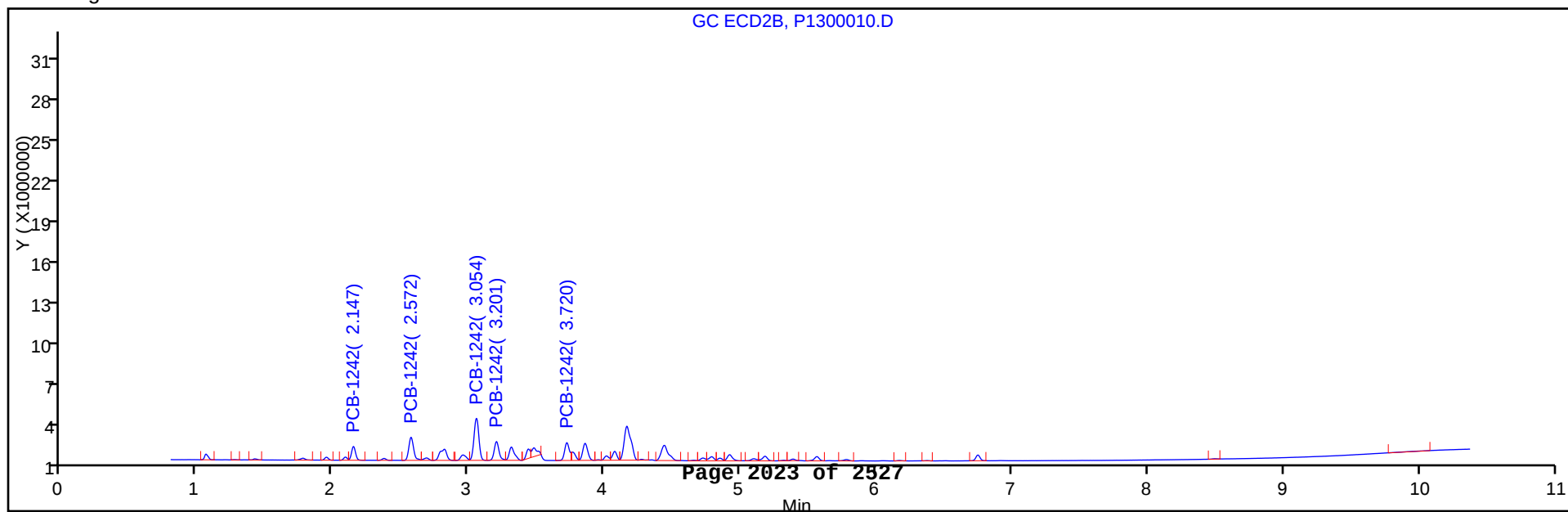
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

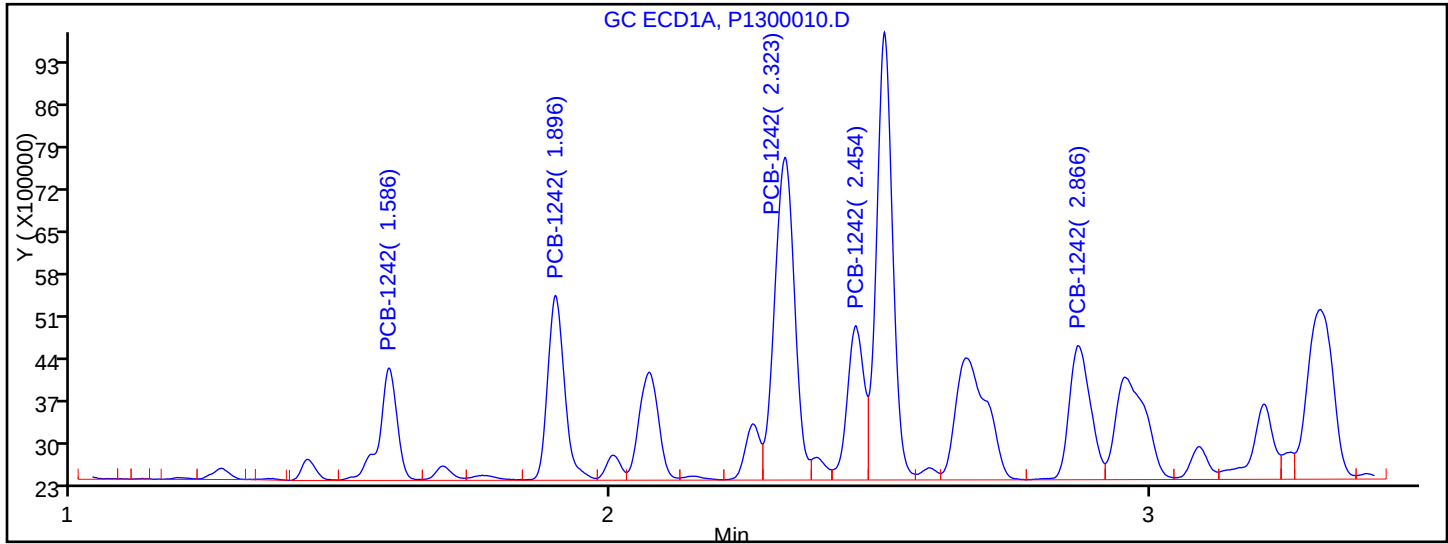
Operator ID:

Injection Vol: 1.0 ul

Column Type:

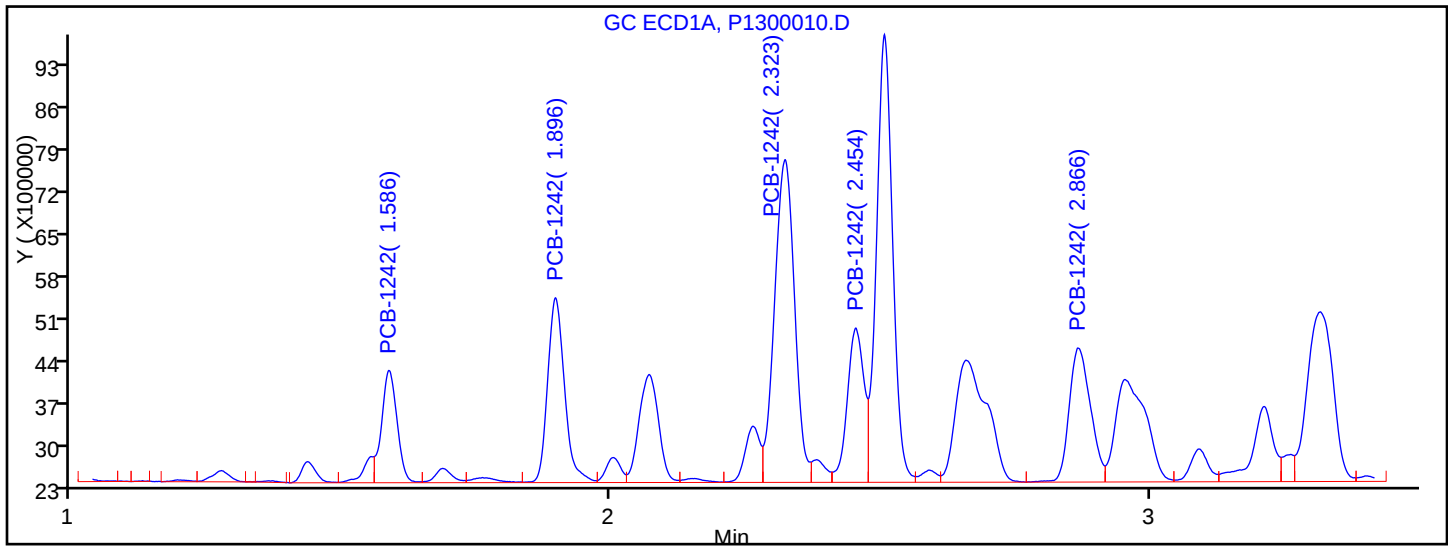
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

TestAmerica Canton

Data File: \\NCCchrom\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

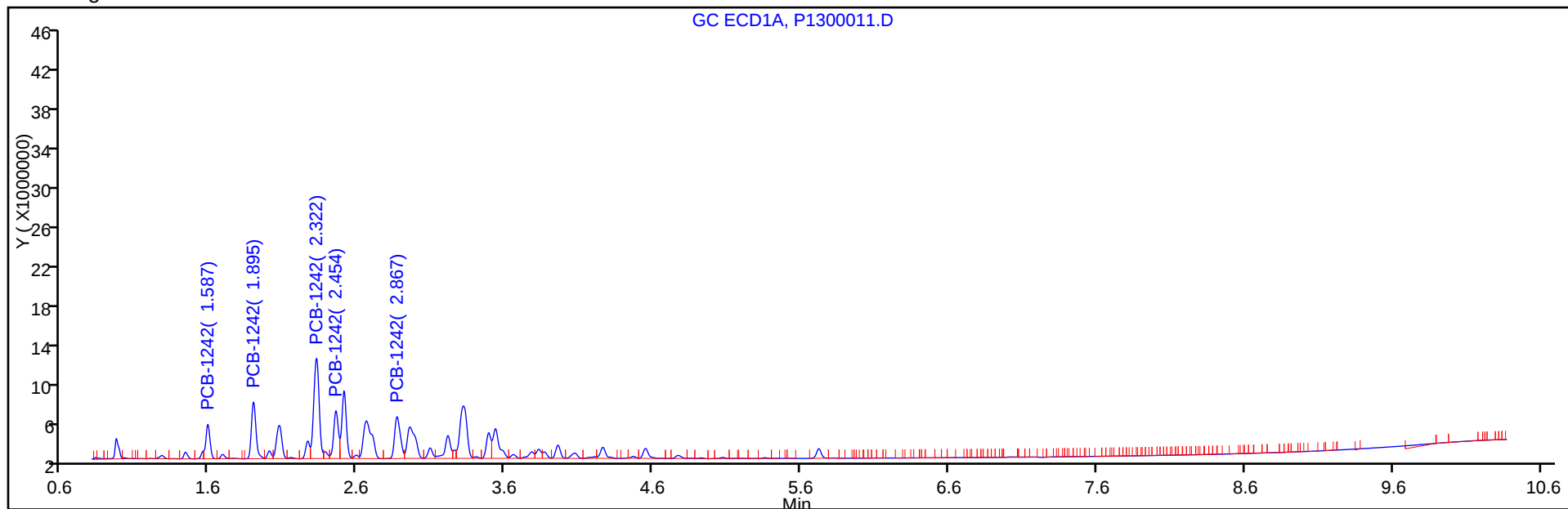
Operator ID:

Injection Vol: 1.0 ul

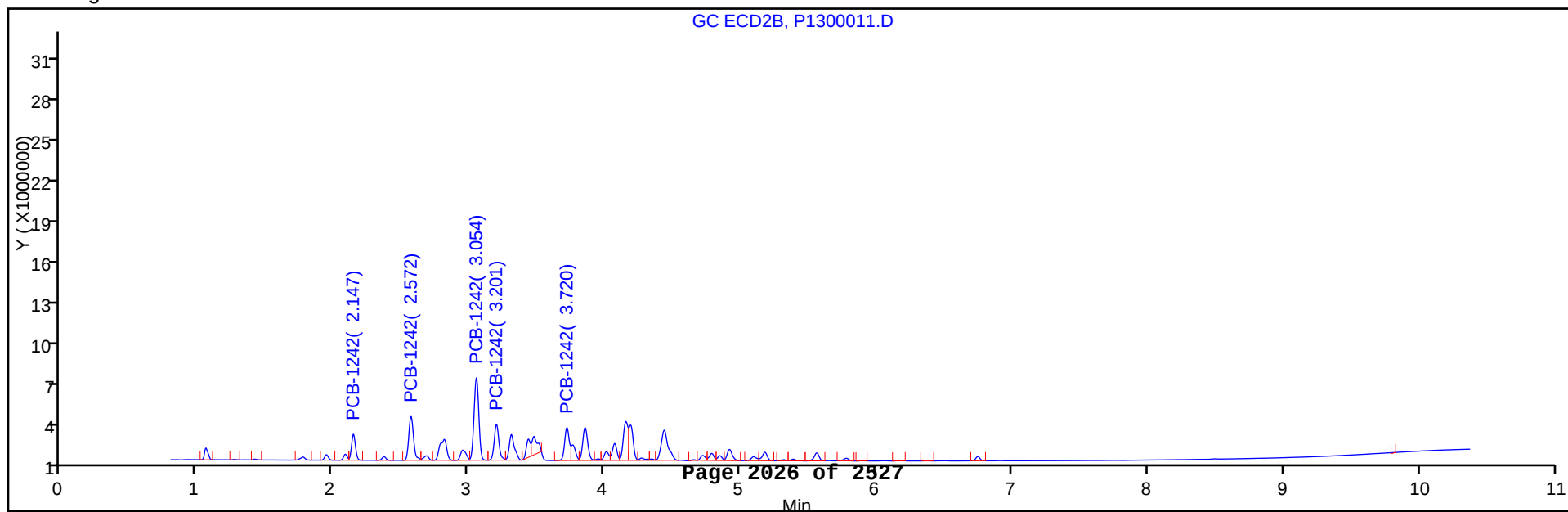
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

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

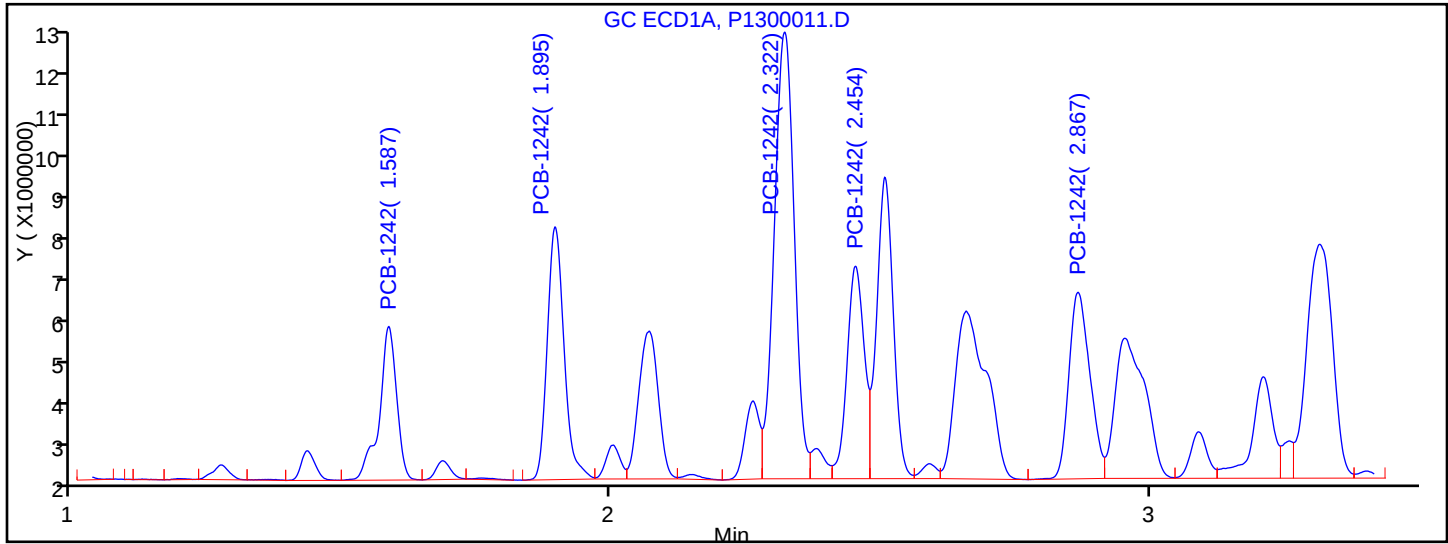
Operator ID:

Injection Vol: 1.0 ul

Column Type:

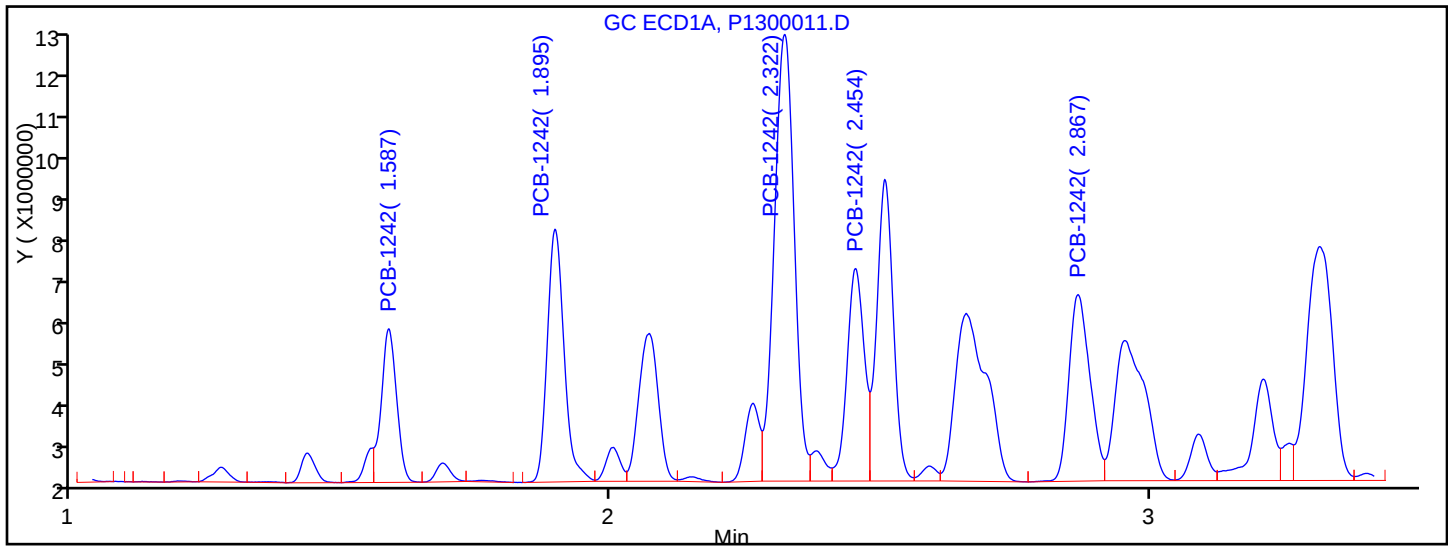
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

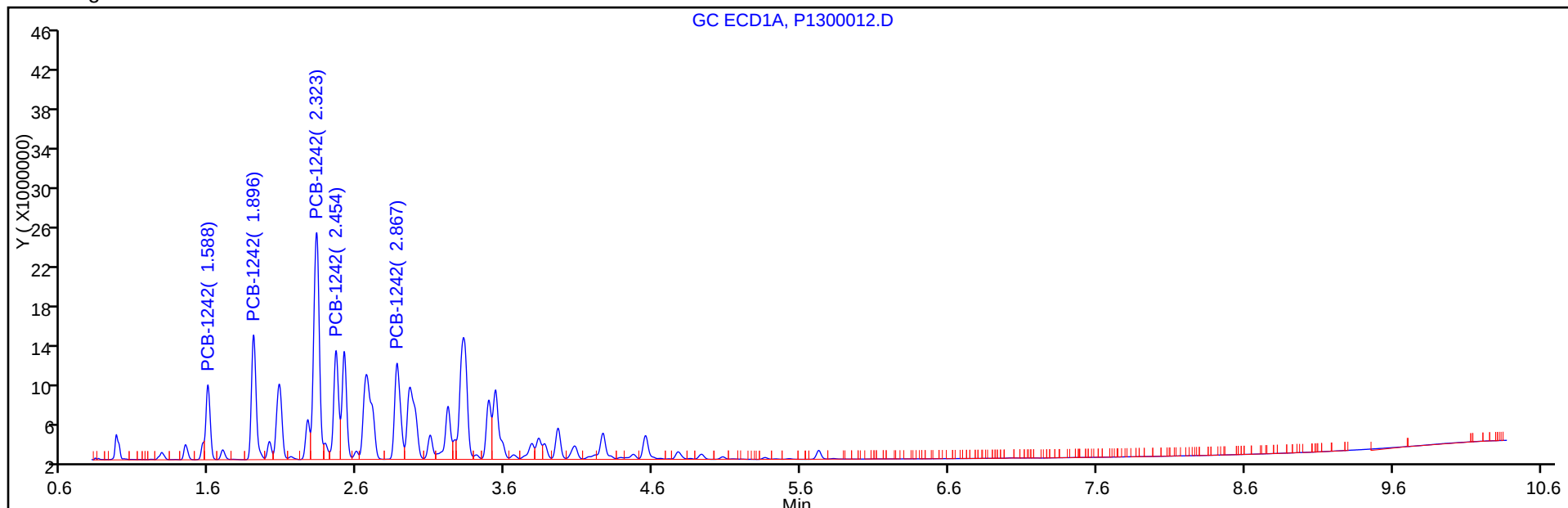
Operator ID:

Injection Vol: 1.0 ul

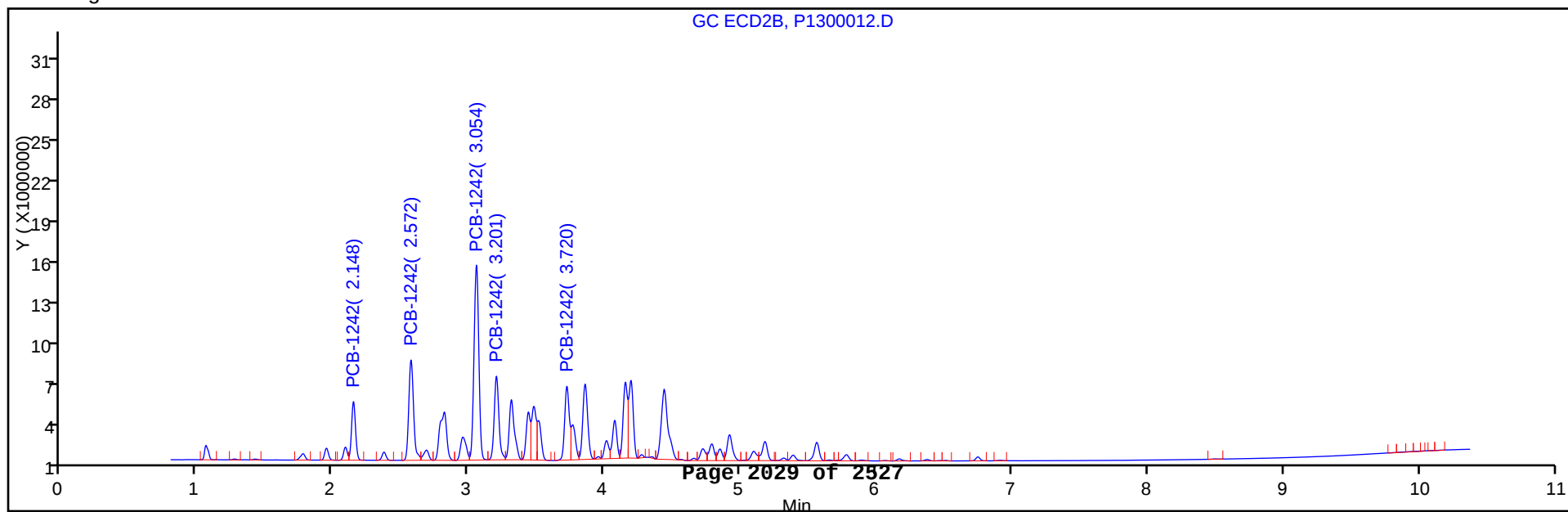
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

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

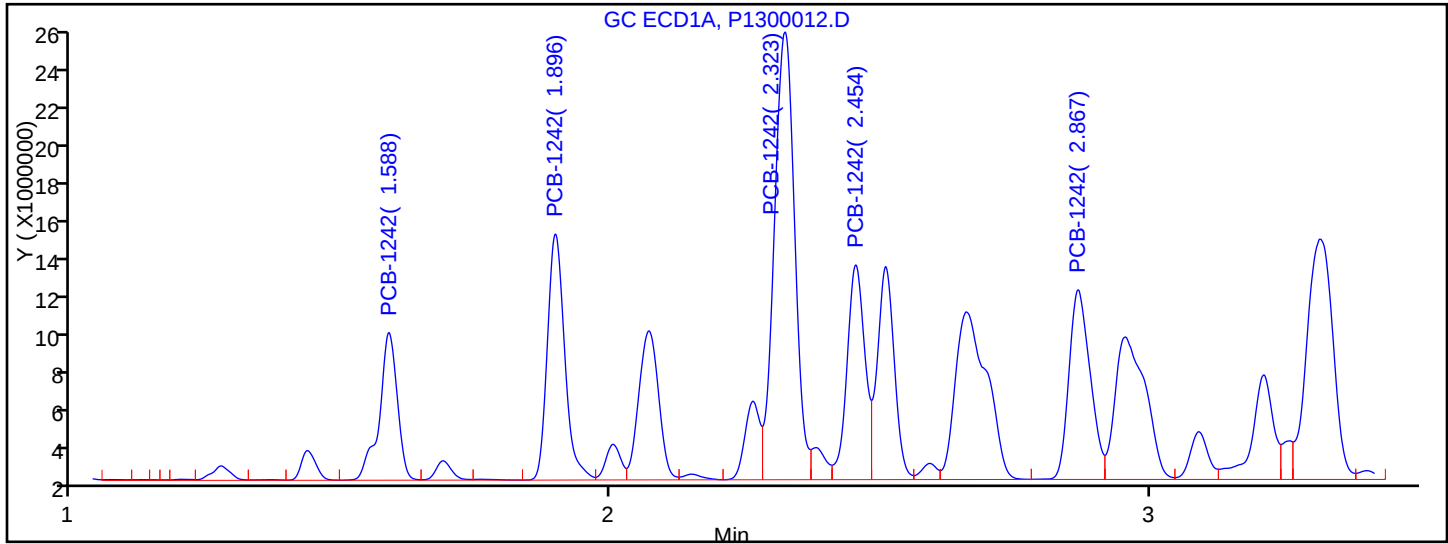
Operator ID:

Injection Vol: 1.0 ul

Column Type:

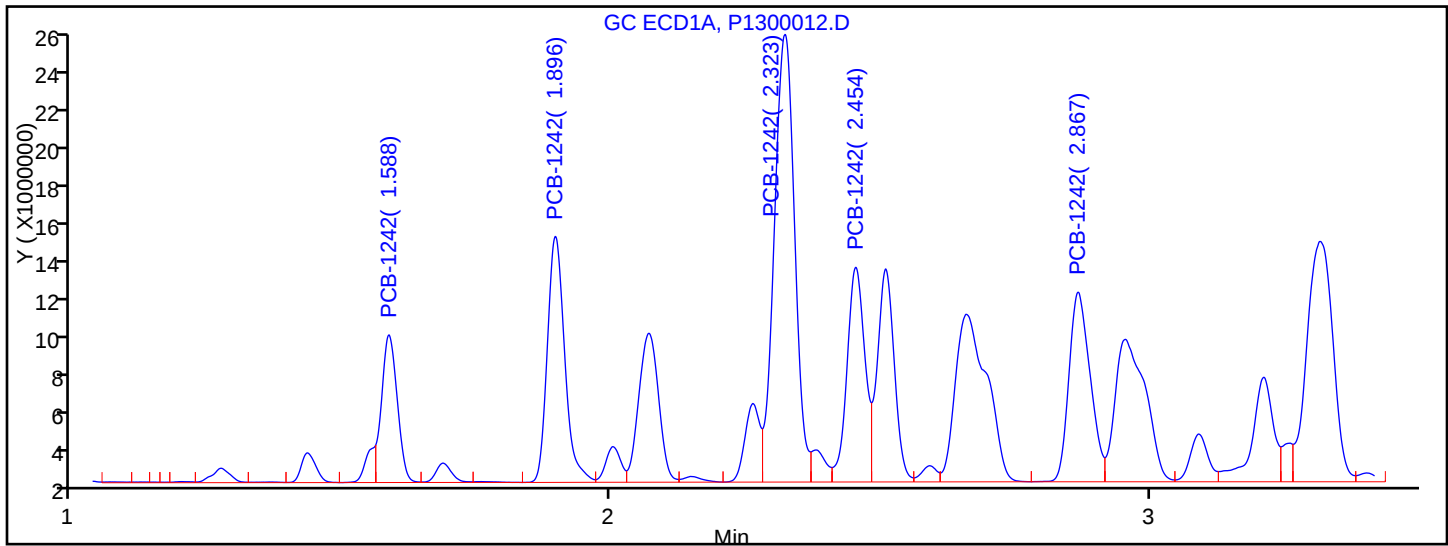
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

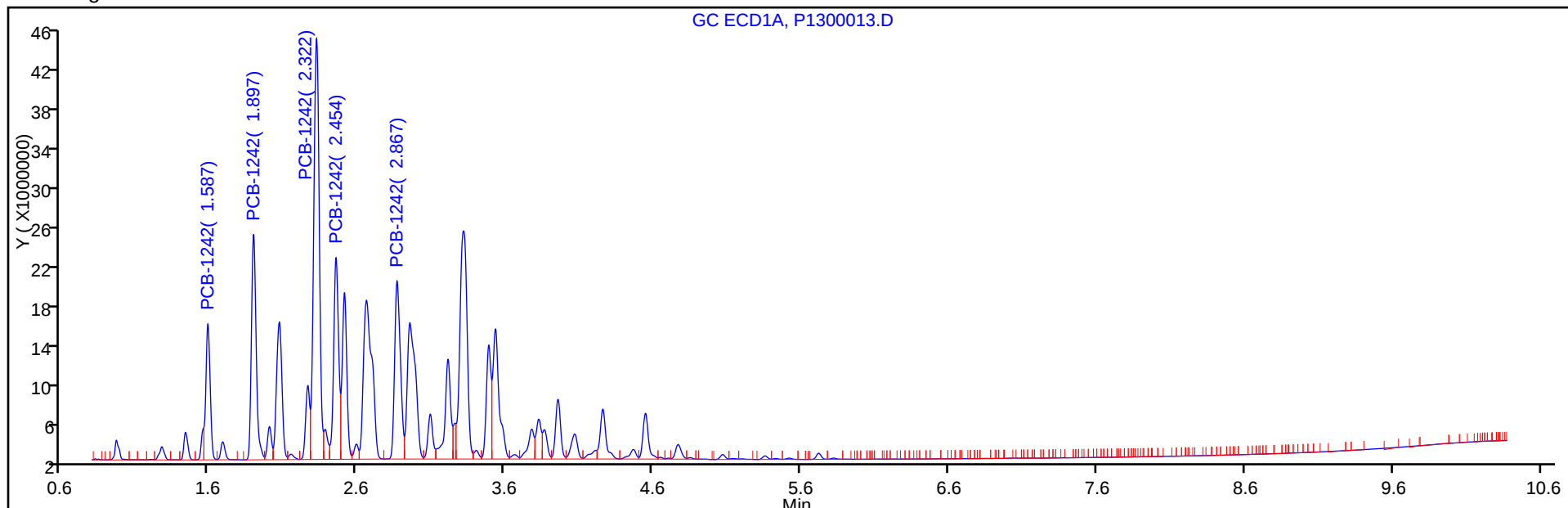
Operator ID:

Injection Vol: 1.0 ul

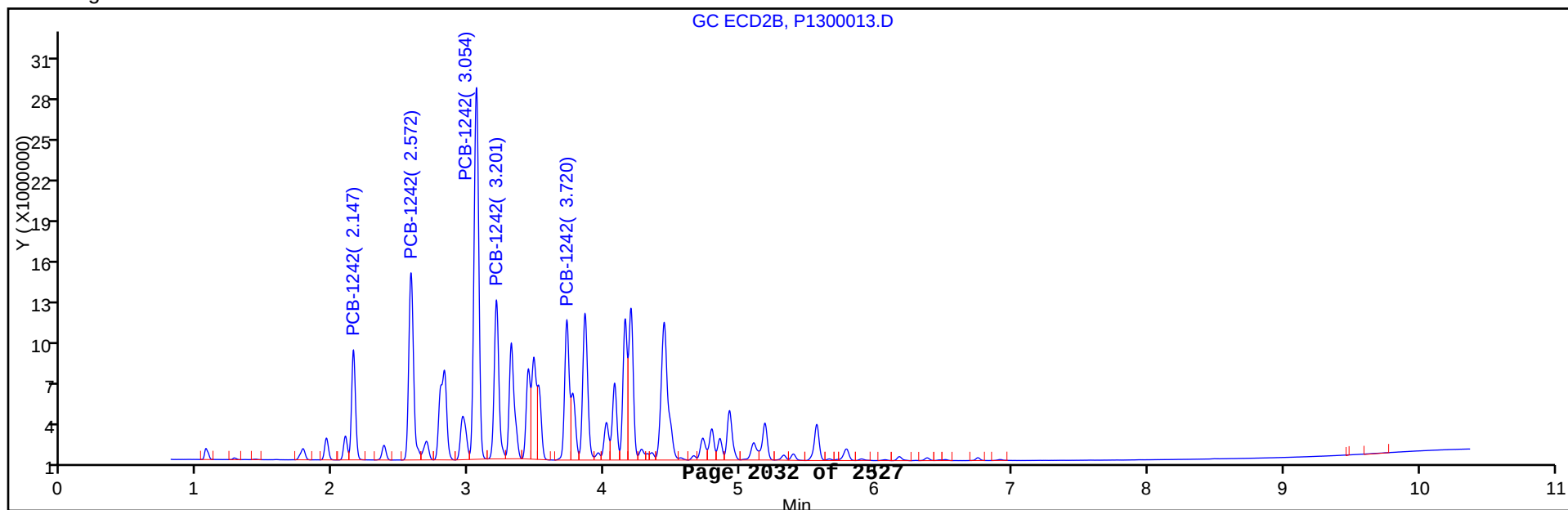
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

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

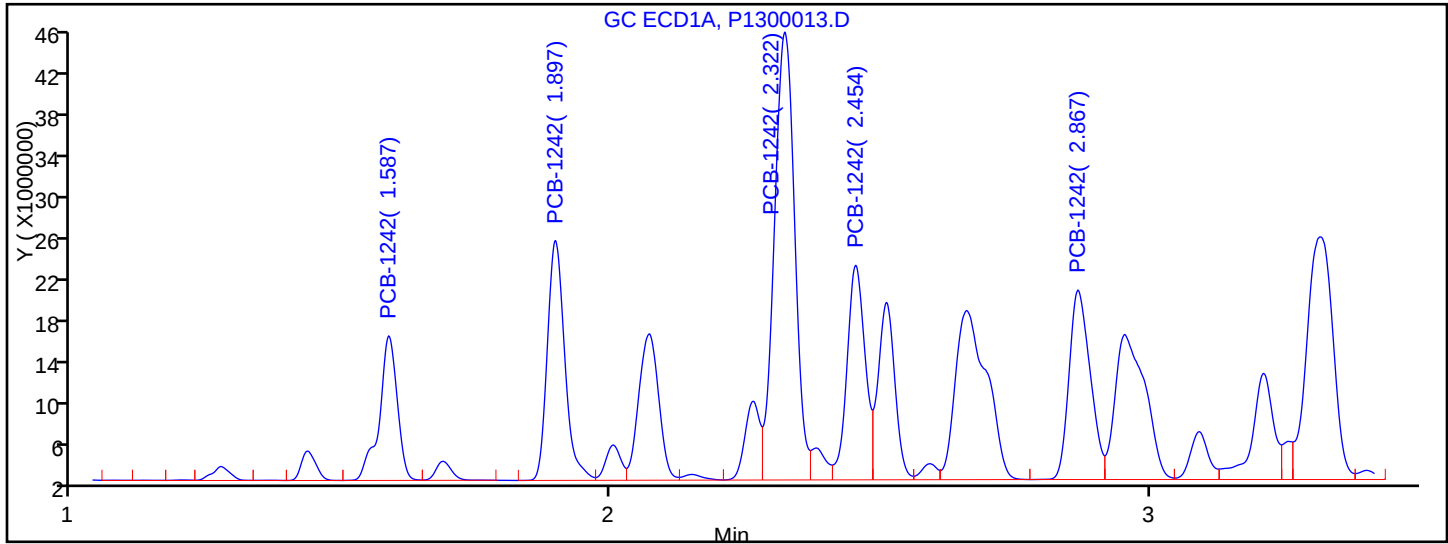
Operator ID:

Injection Vol: 1.0 ul

Column Type:

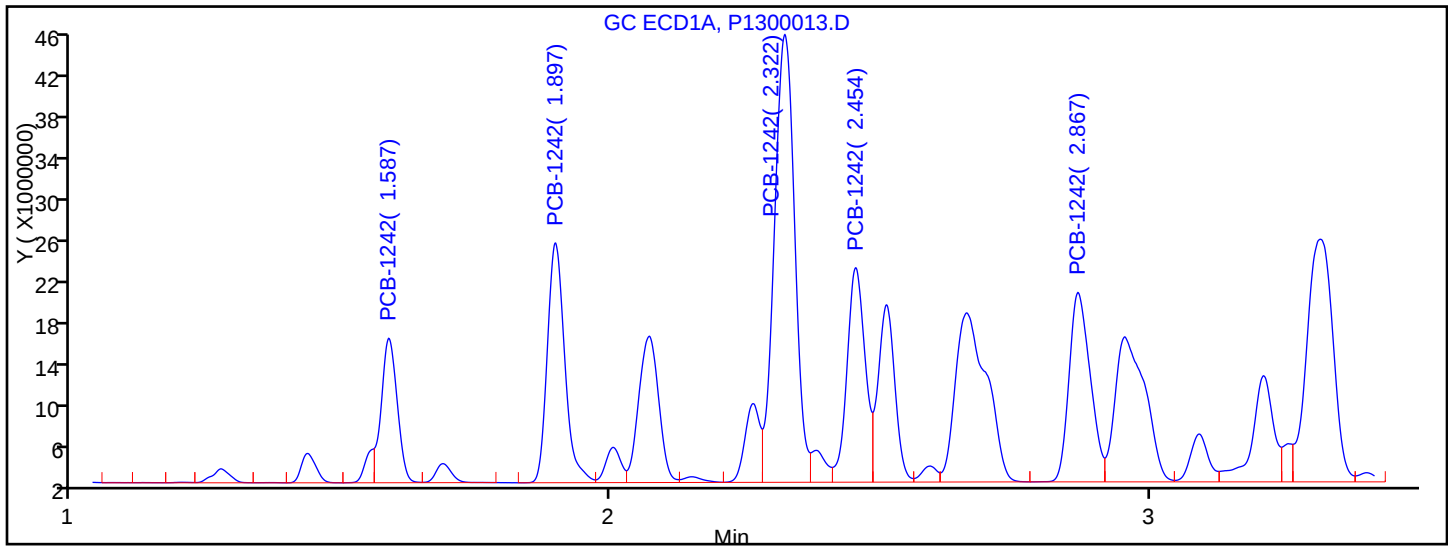
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

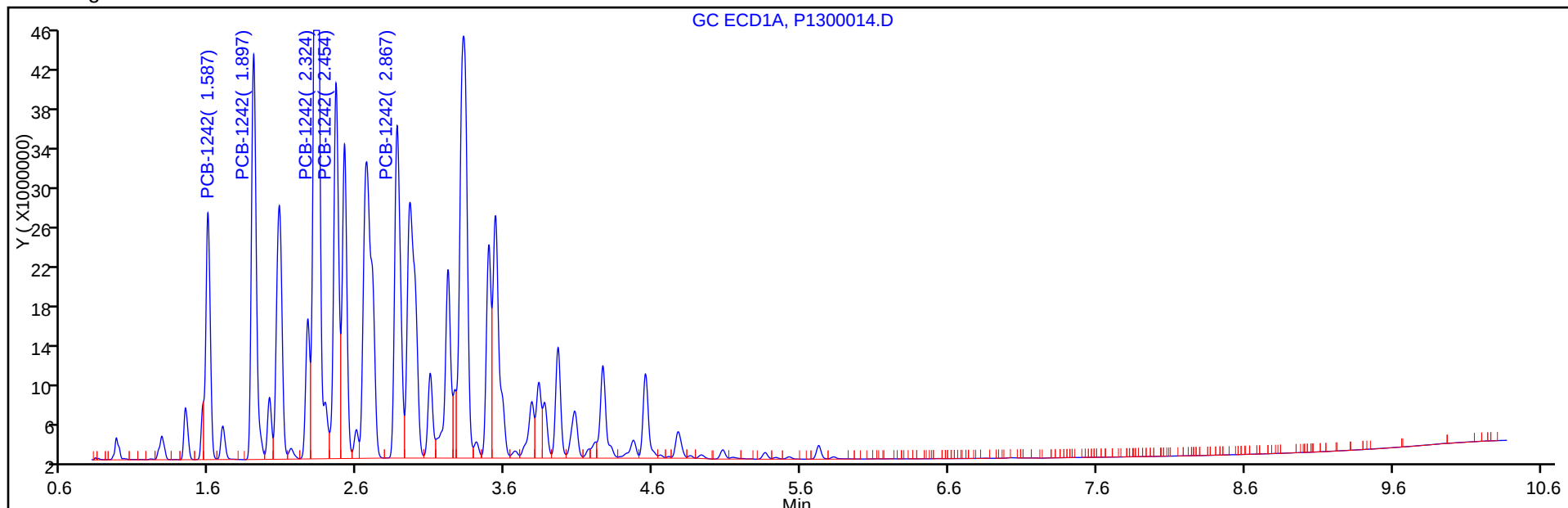
Operator ID:

Injection Vol: 1.0 ul

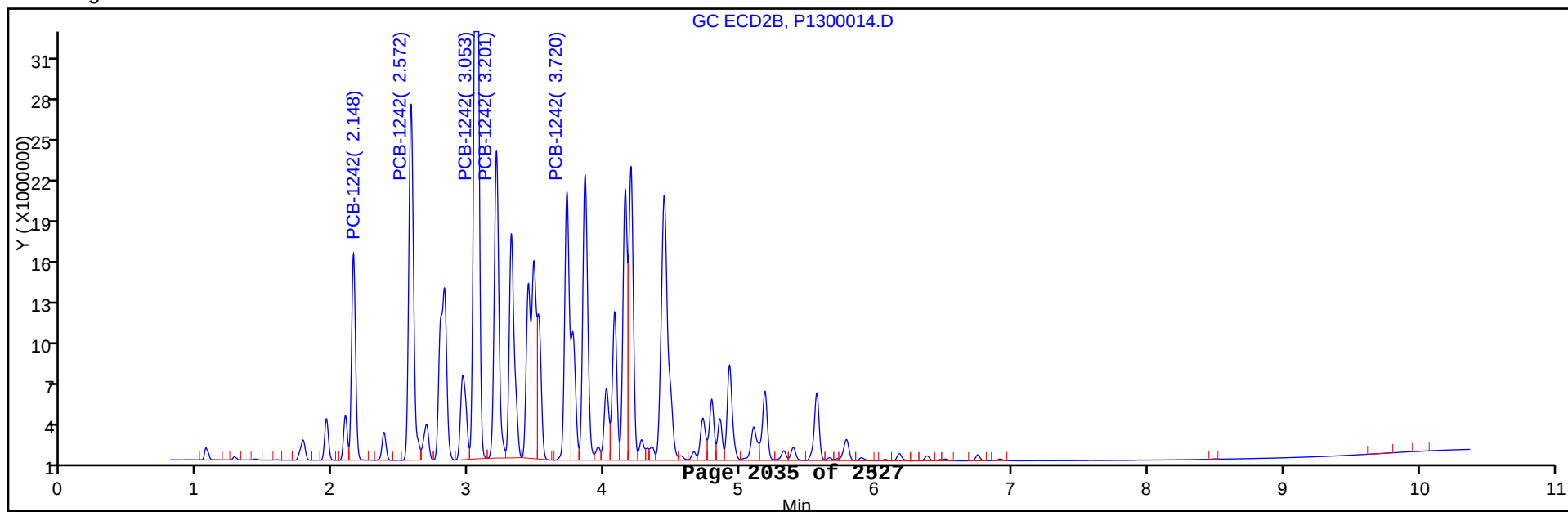
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



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

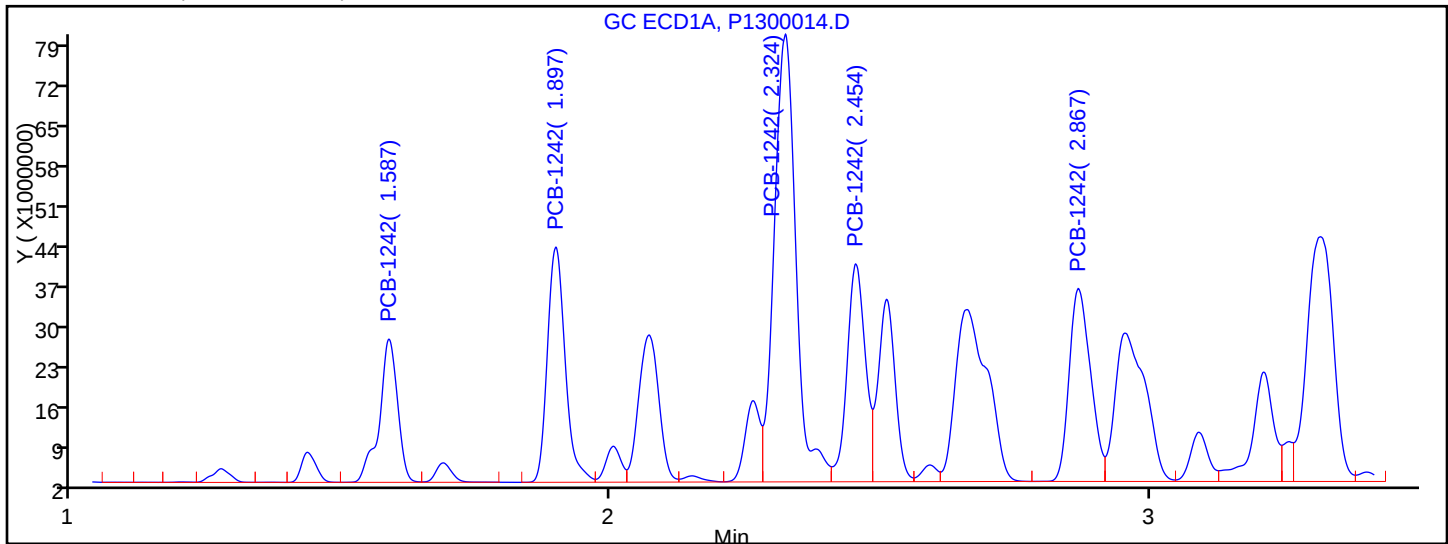
Operator ID:

Injection Vol: 1.0 ul

Column Type:

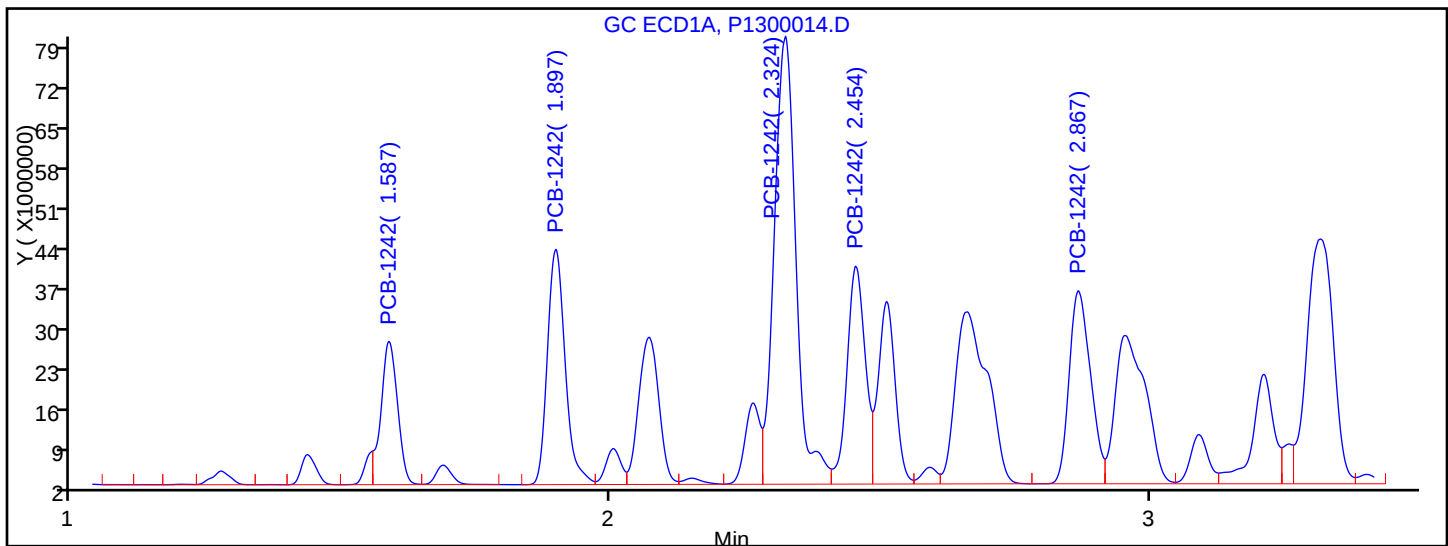
Column Dia:

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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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			

TestAmerica Canton

Data File: \\NCCchrom\ChromData\A2HP13\20121019-14228.b\1300009.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

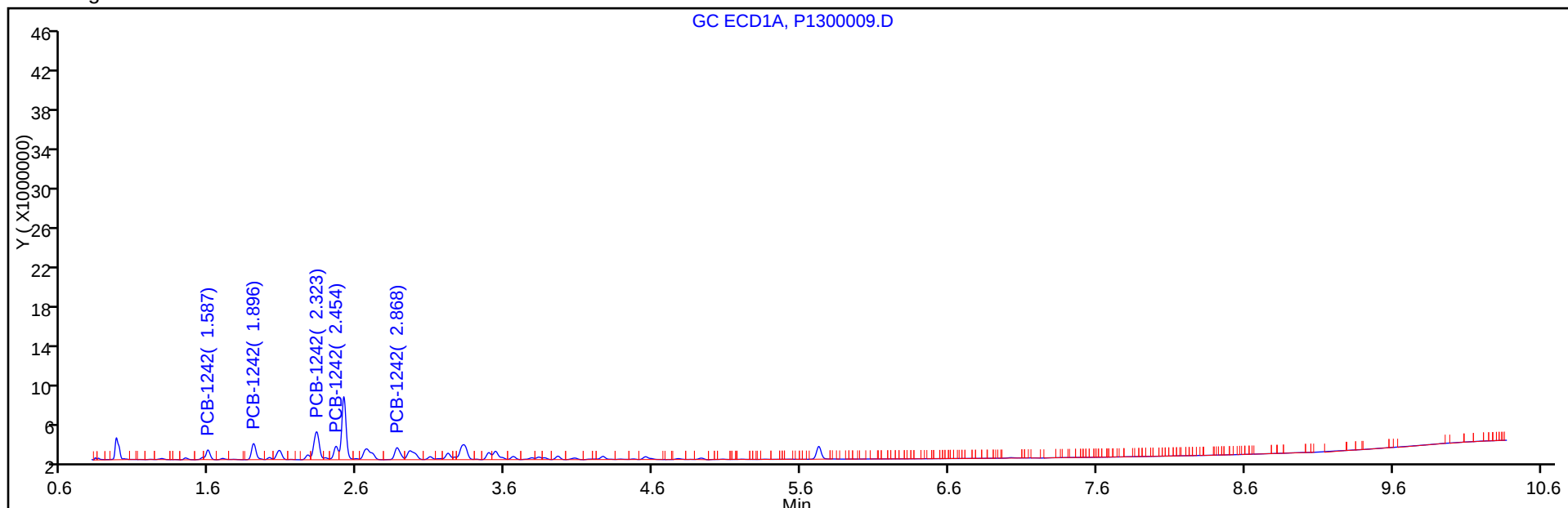
Operator ID:

Injection Vol: 1.0 ul

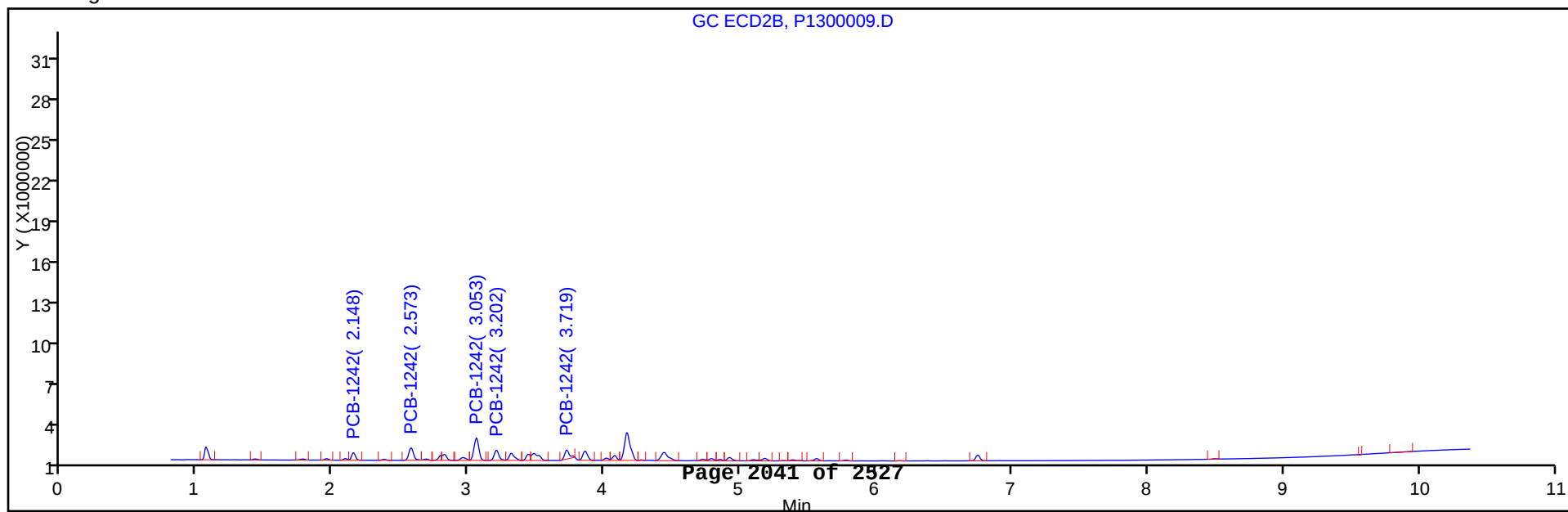
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

TestAmerica Canton

Data File: \\NCCChrom\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

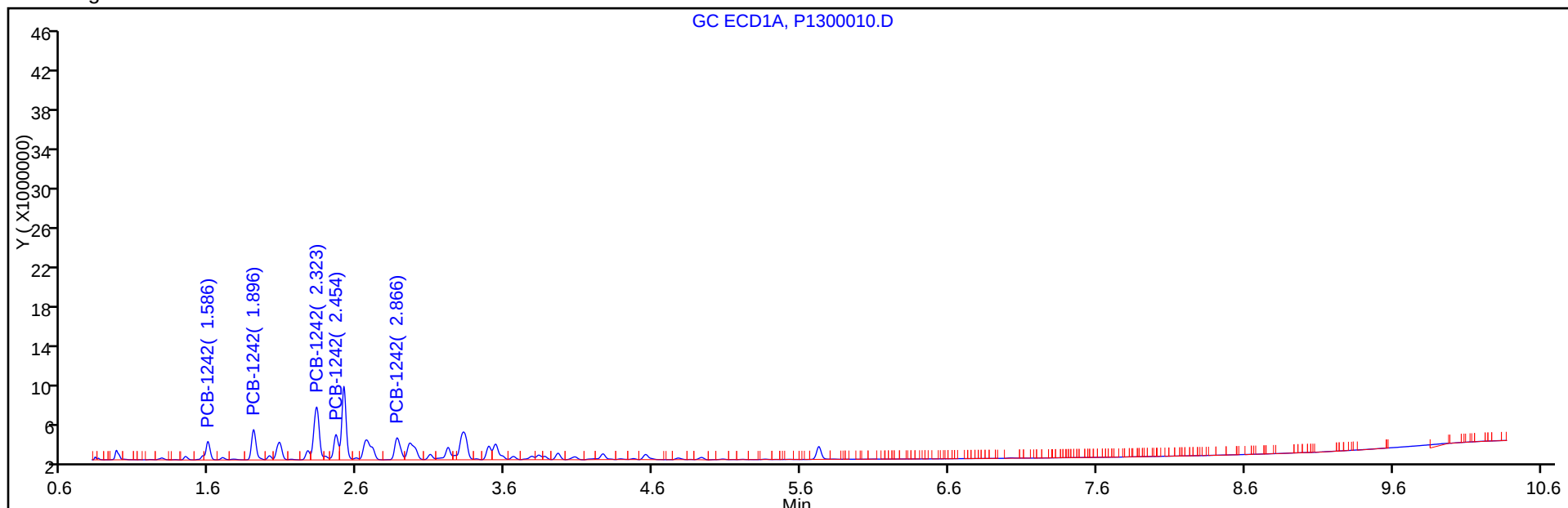
Operator ID:

Injection Vol: 1.0 ul

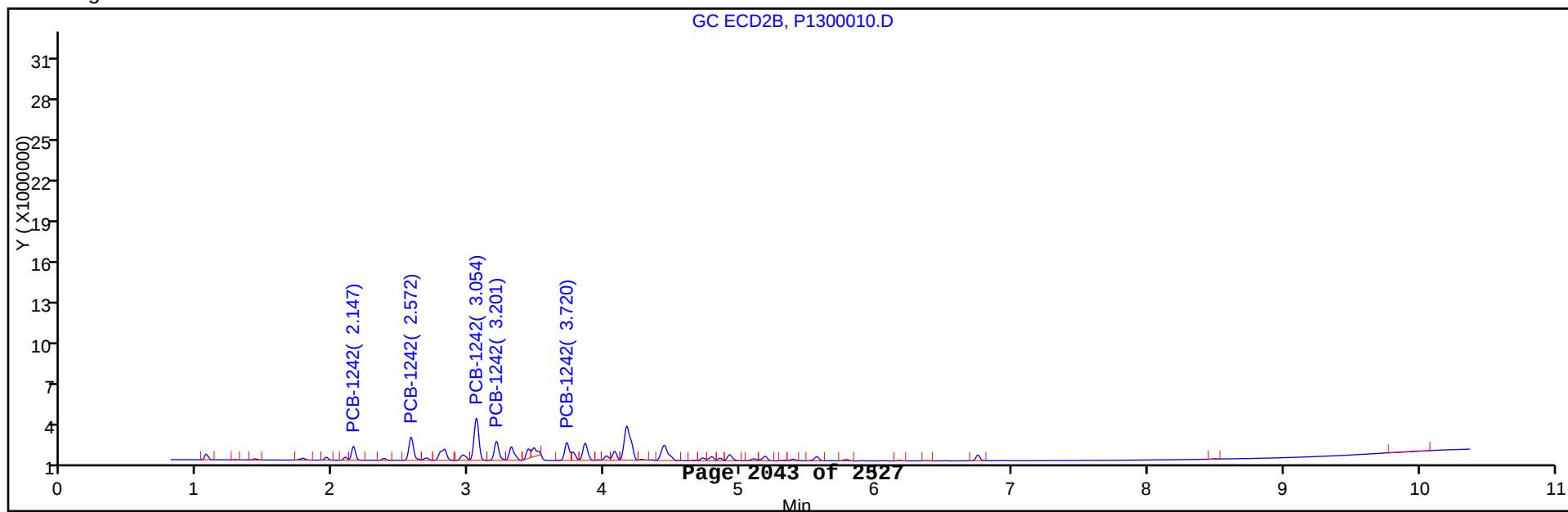
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

TestAmerica Canton

Data File: \\NCCChrom\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

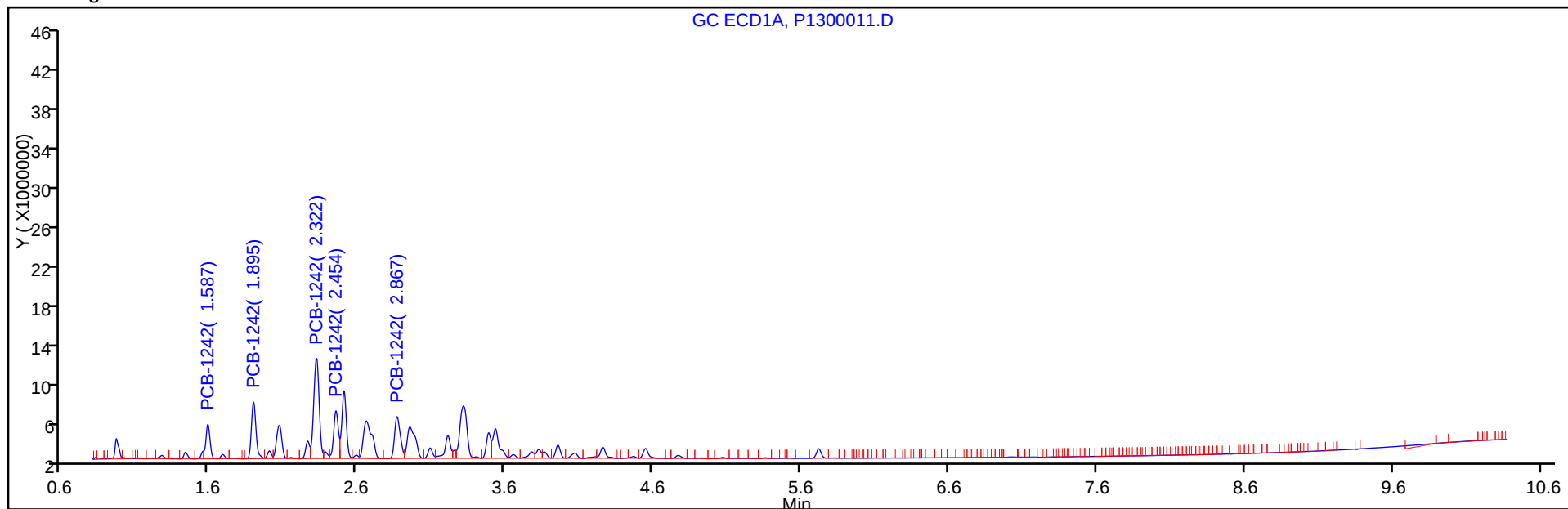
Operator ID:

Injection Vol: 1.0 ul

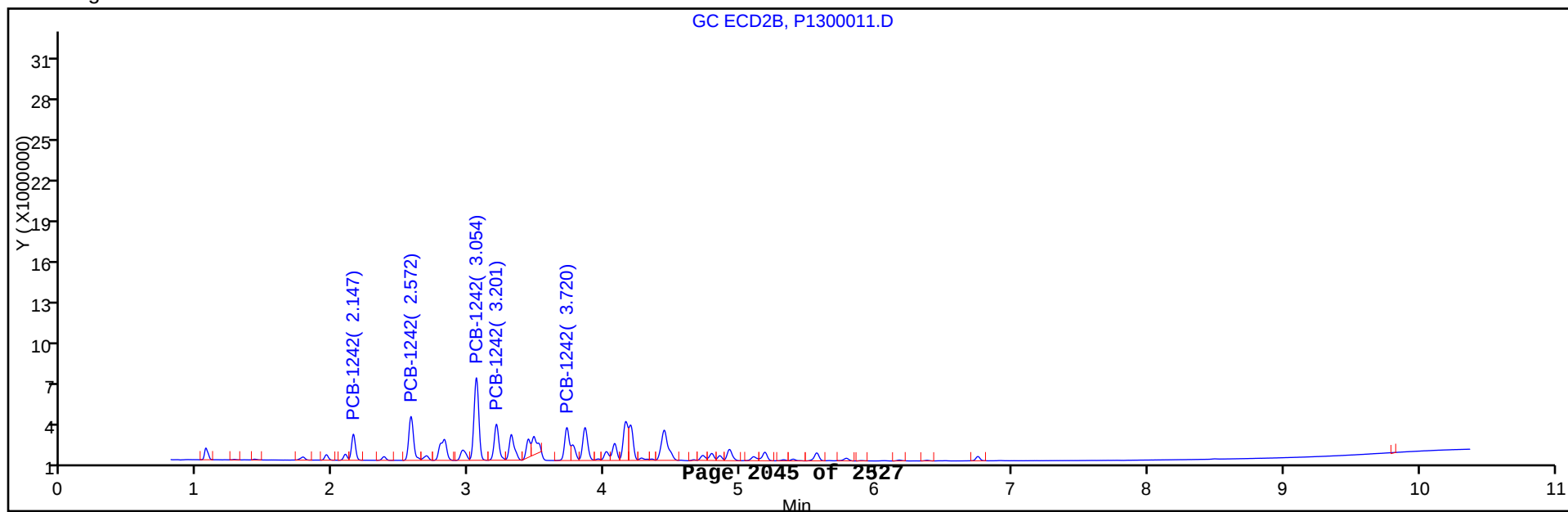
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\ChromData\A2HP13\20121019-14228.b\1300012.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

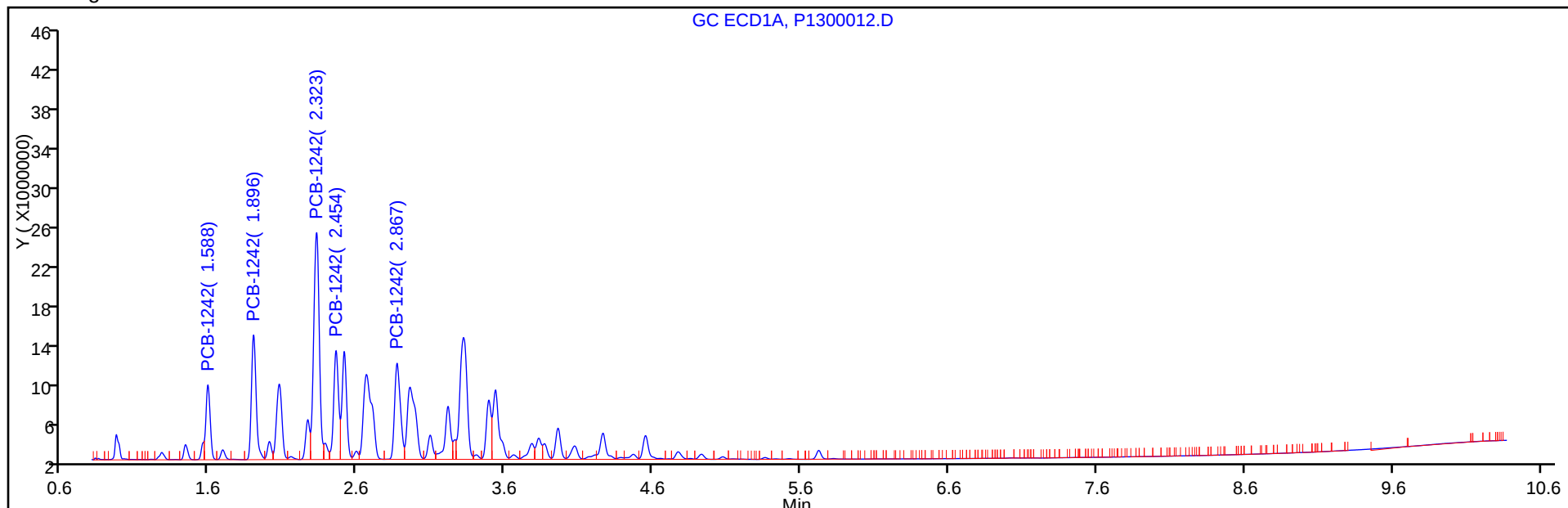
Operator ID:

Injection Vol: 1.0 ul

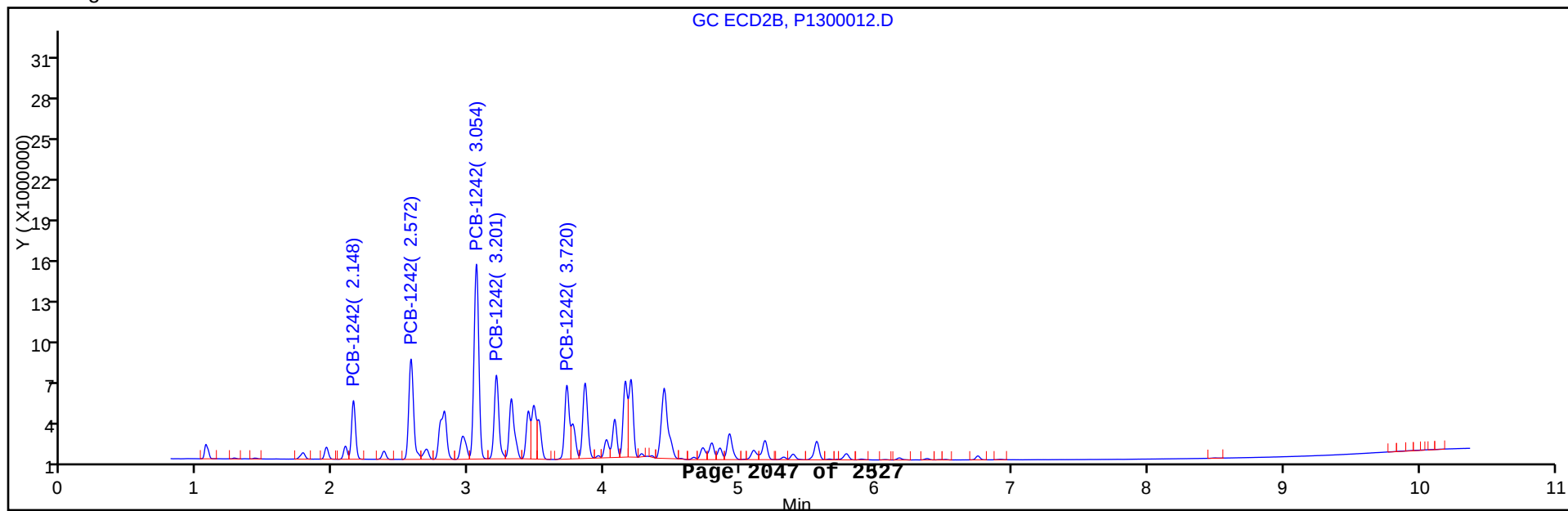
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

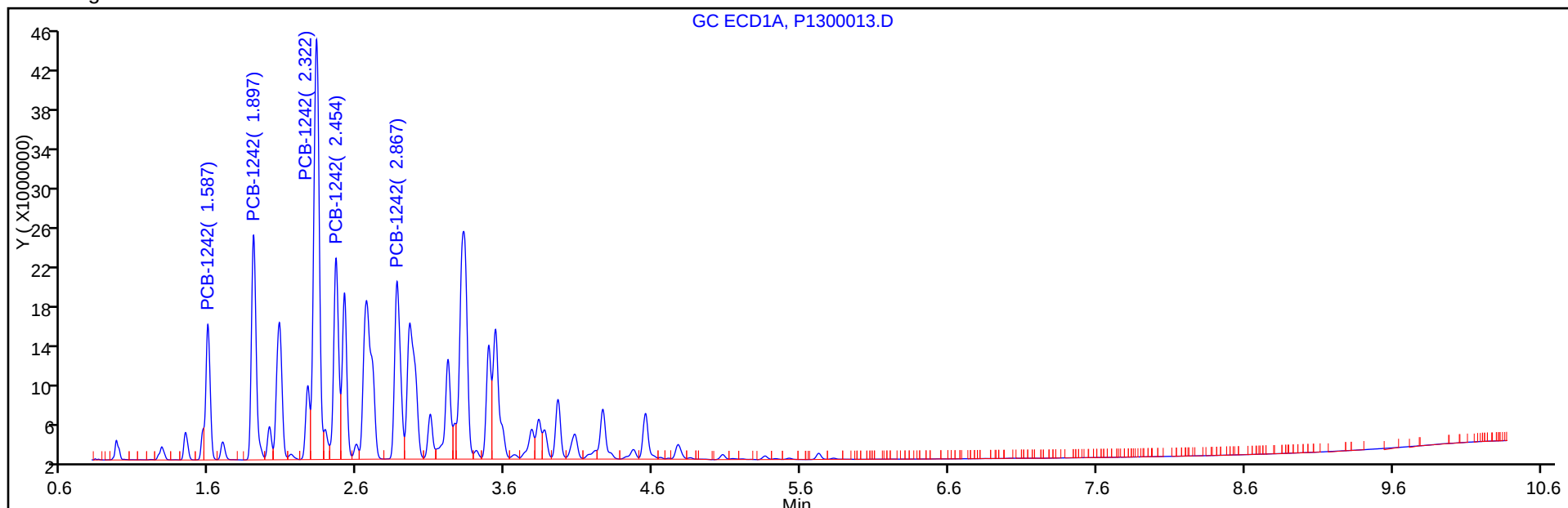
Operator ID:

Injection Vol: 1.0 ul

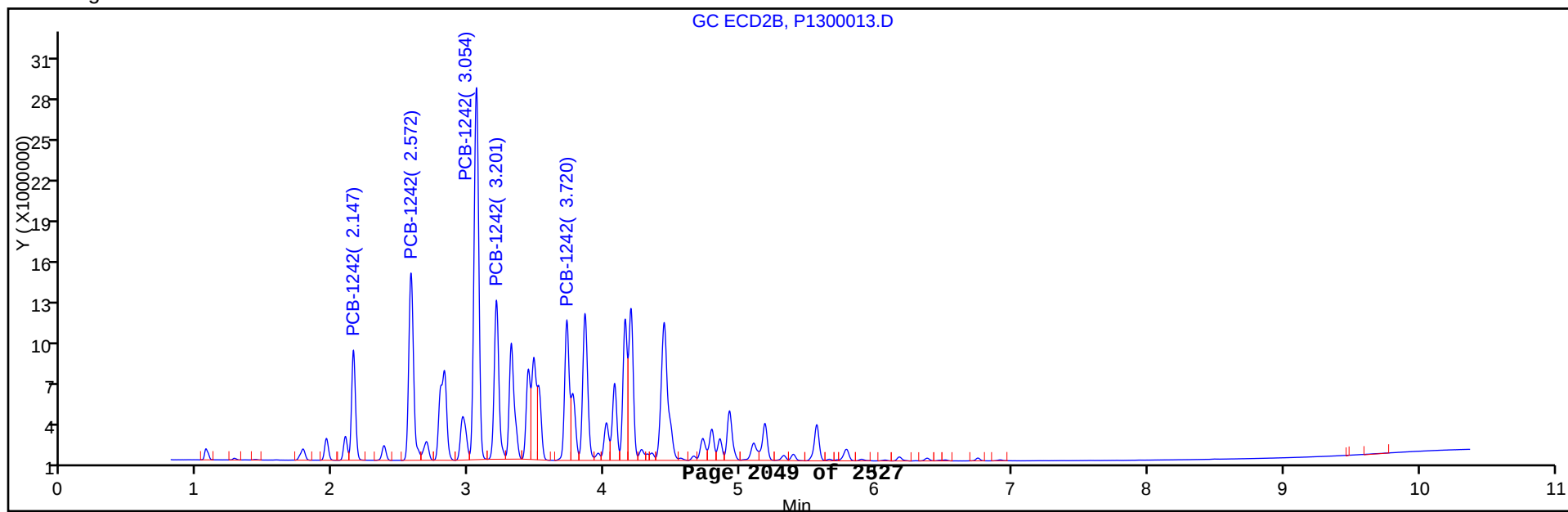
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

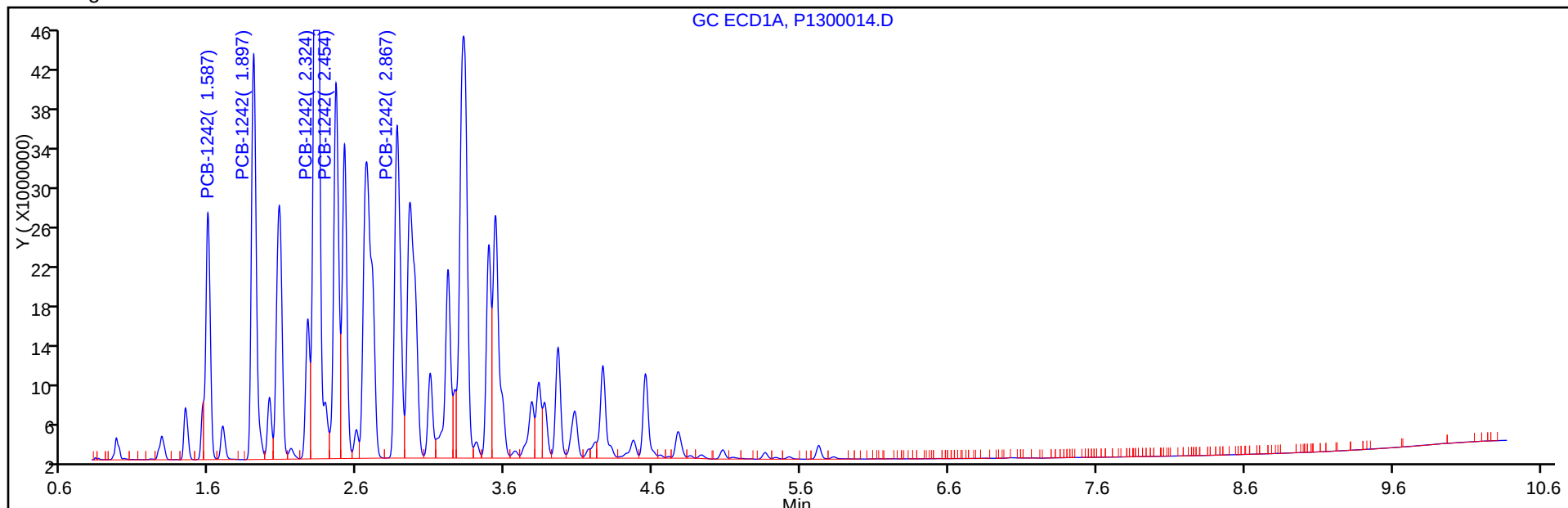
Operator ID:

Injection Vol: 1.0 ul

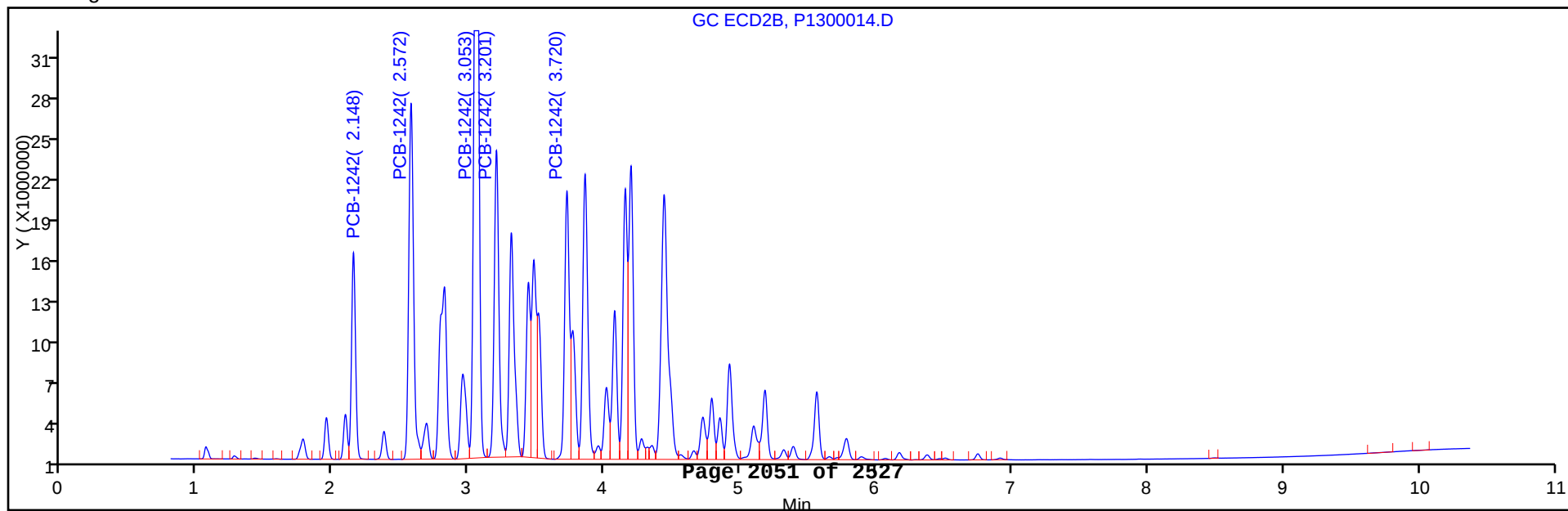
Column Type:

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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\ChromData\A2HP13\20121019-14228.b\1300015.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

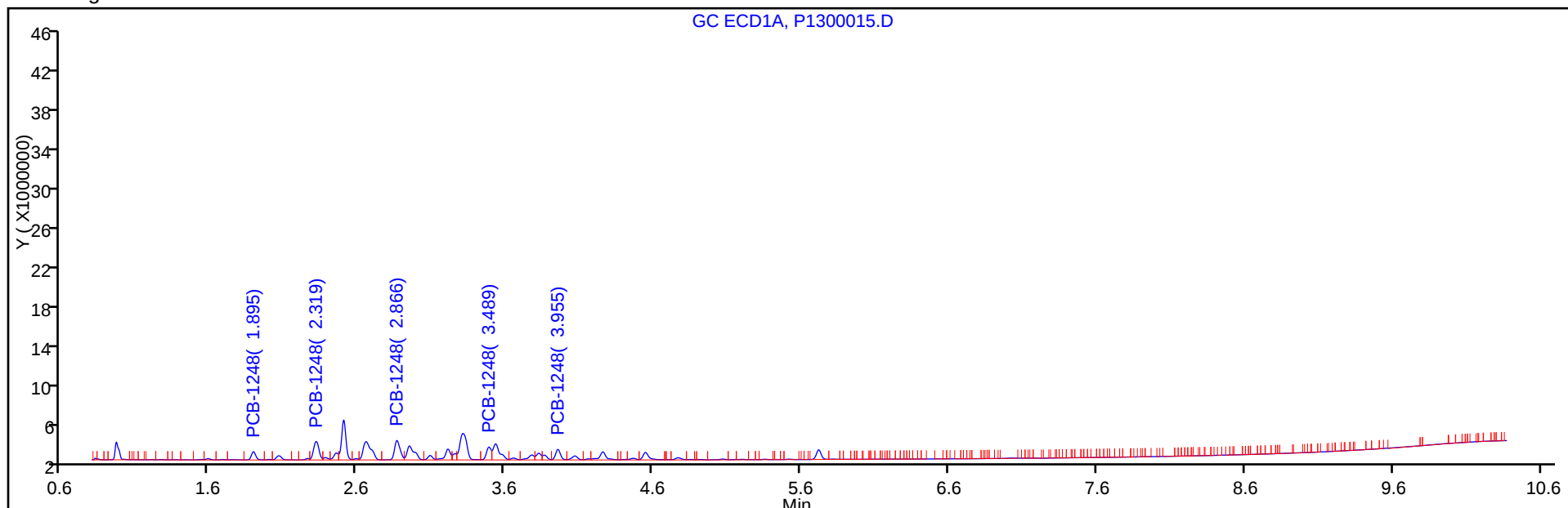
Operator ID:

Injection Vol: 1.0 ul

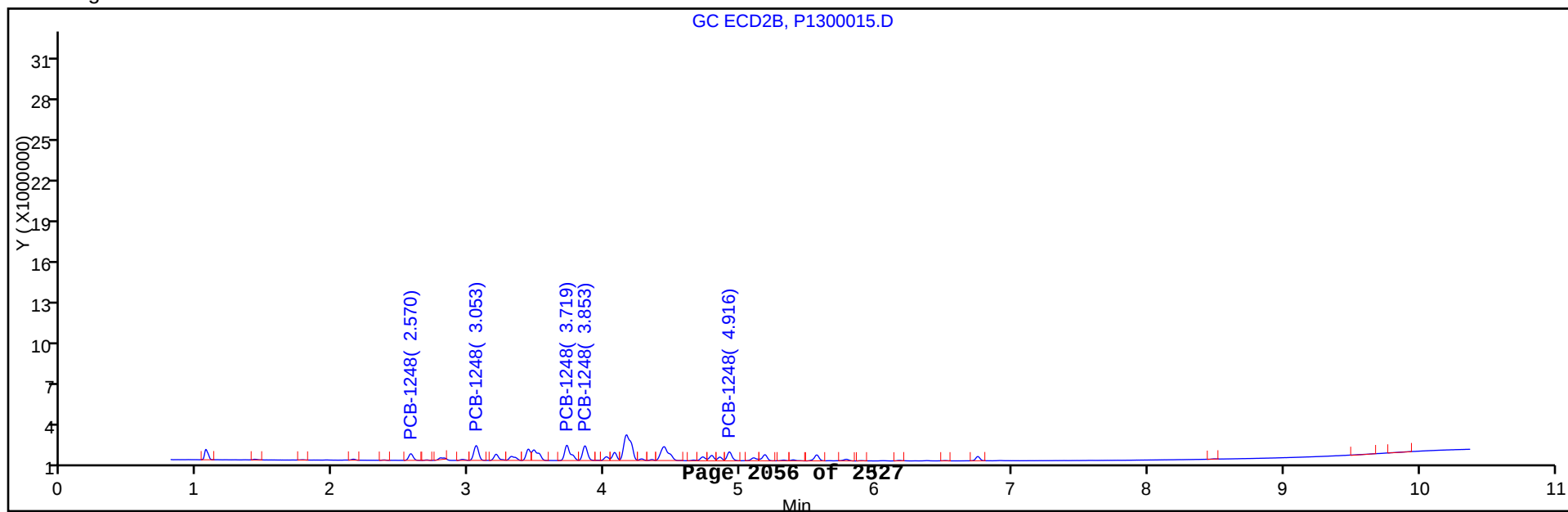
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

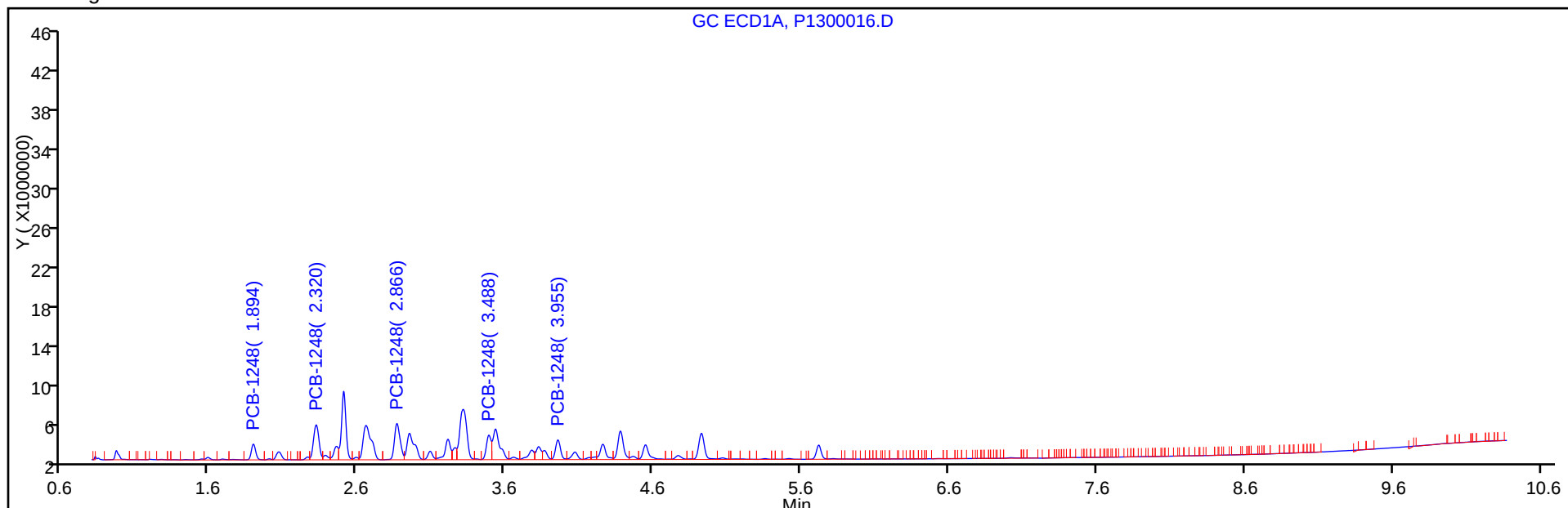
Operator ID:

Injection Vol: 1.0 ul

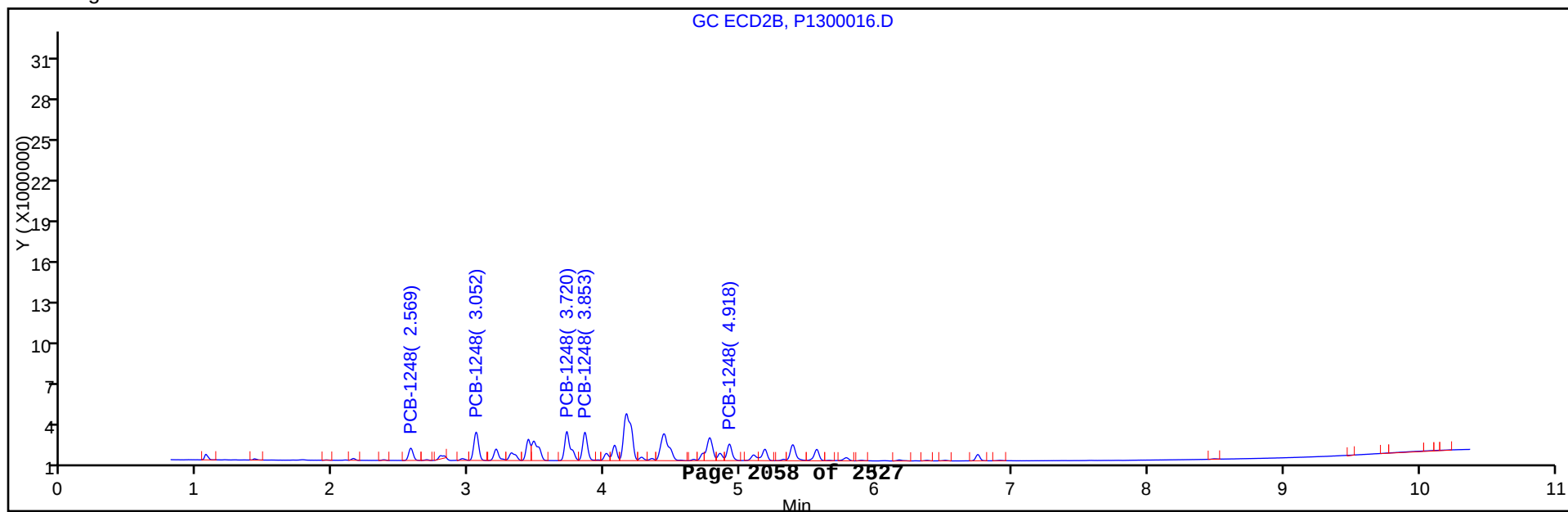
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

TestAmerica Canton

Data File: \\NCCchrom\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

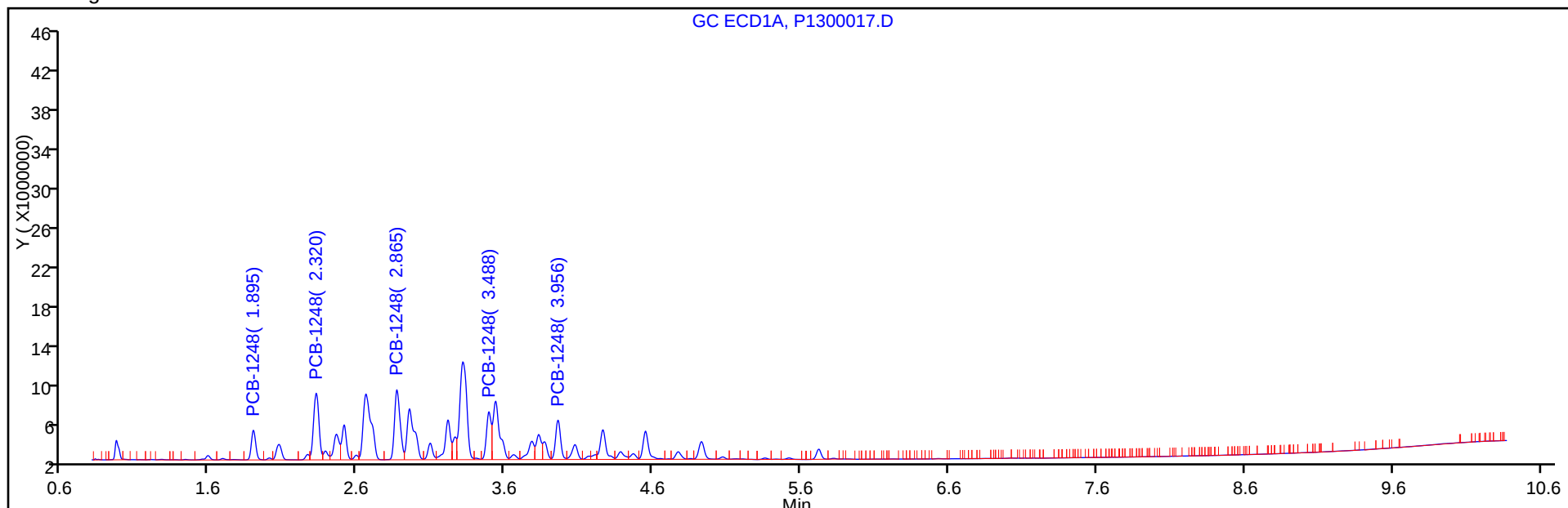
Operator ID:

Injection Vol: 1.0 ul

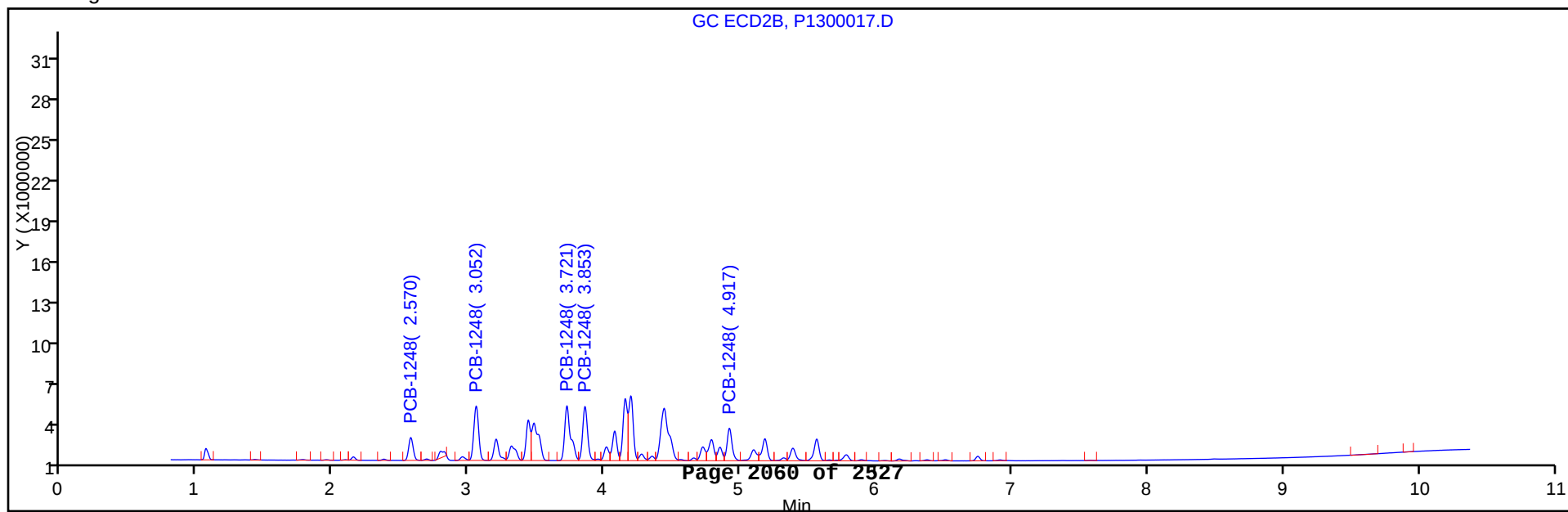
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

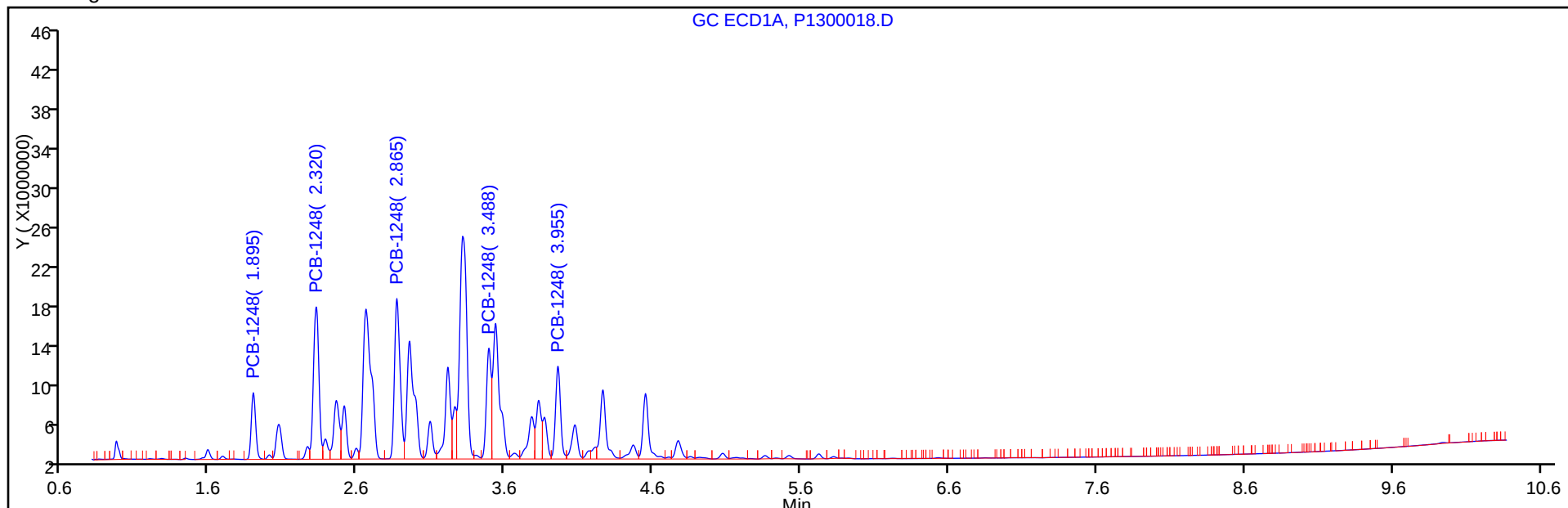
Operator ID:

Injection Vol: 1.0 ul

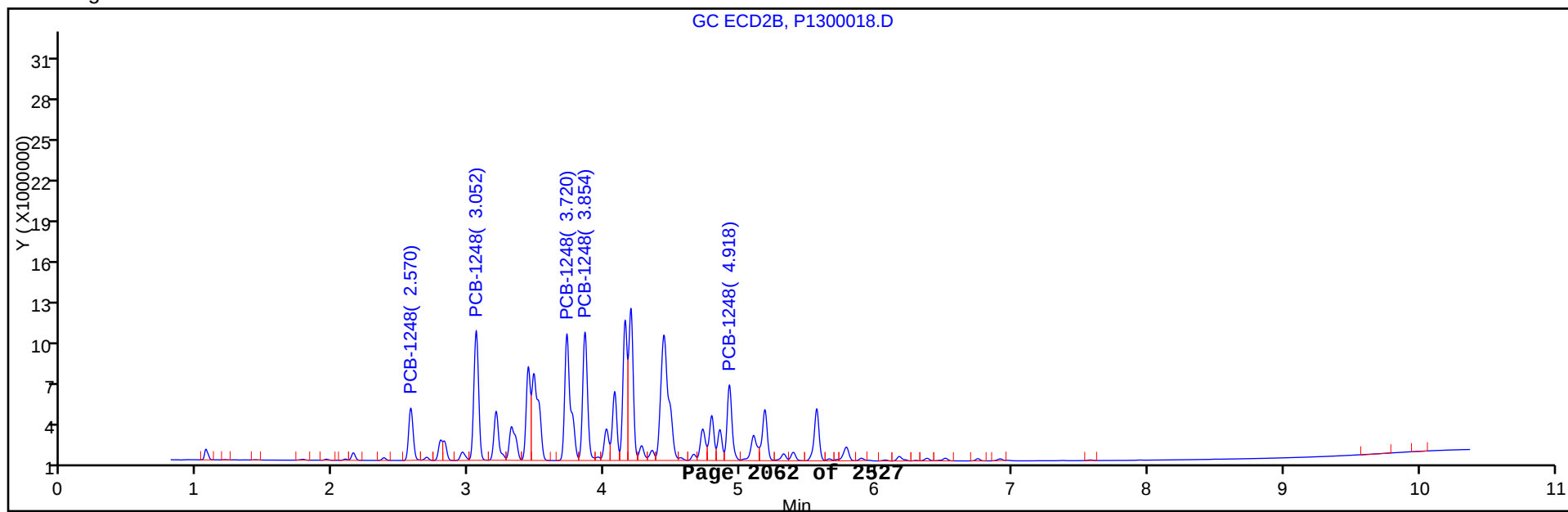
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

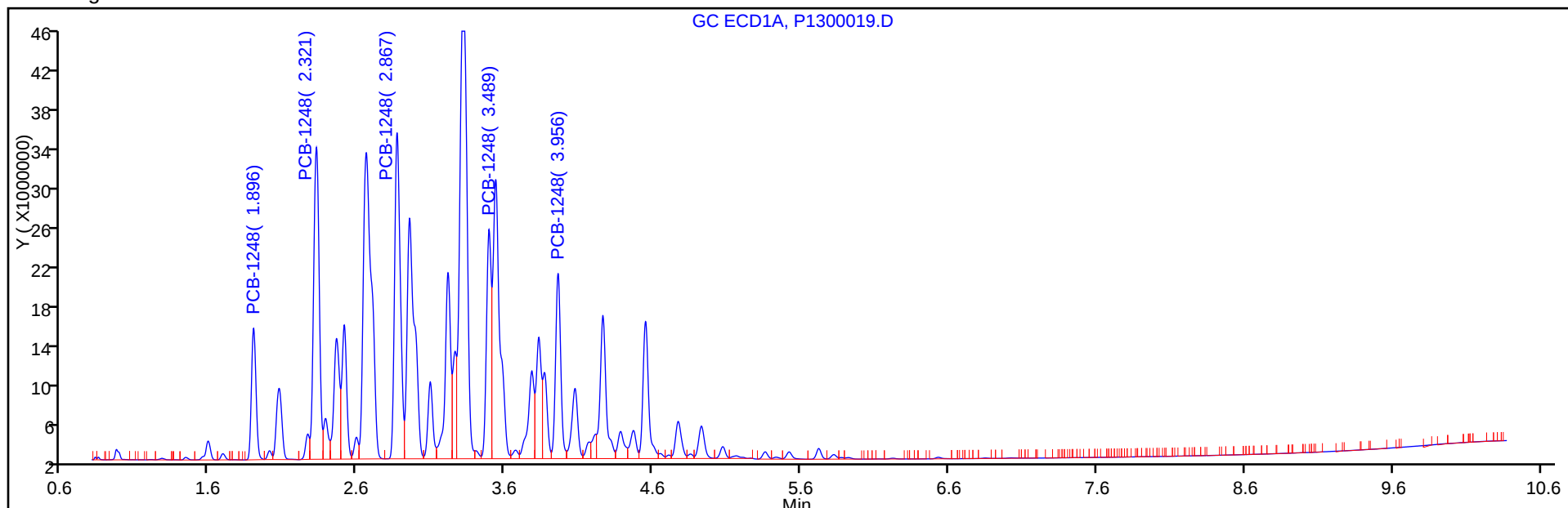
Operator ID:

Injection Vol: 1.0 ul

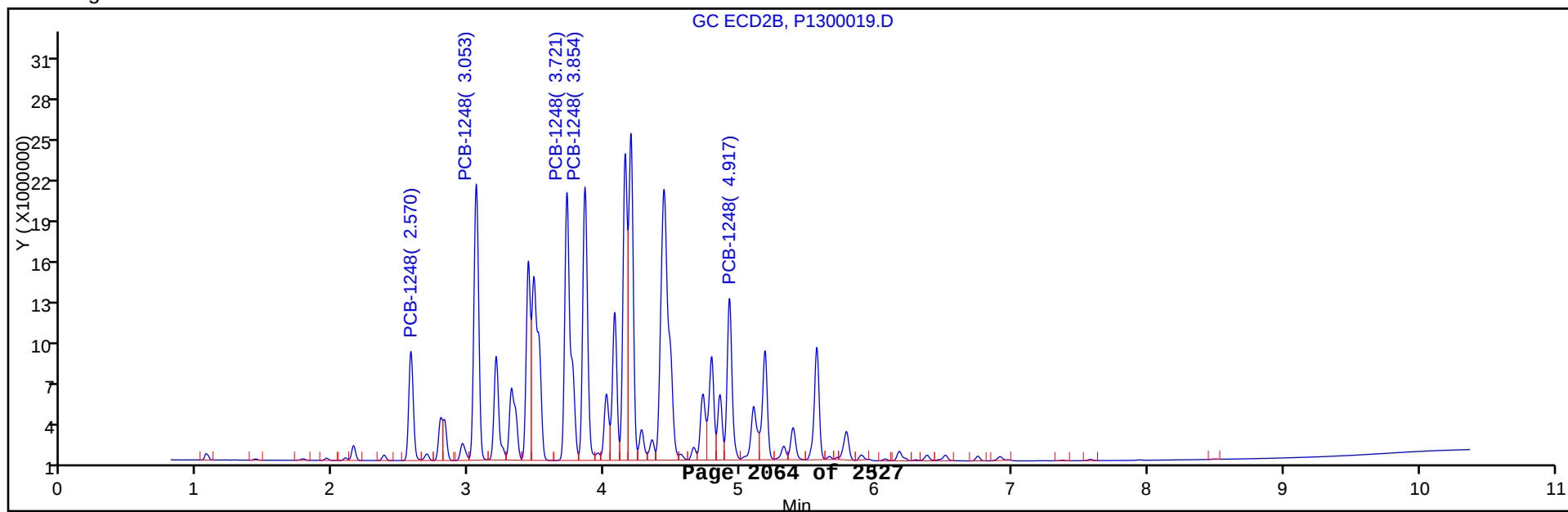
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

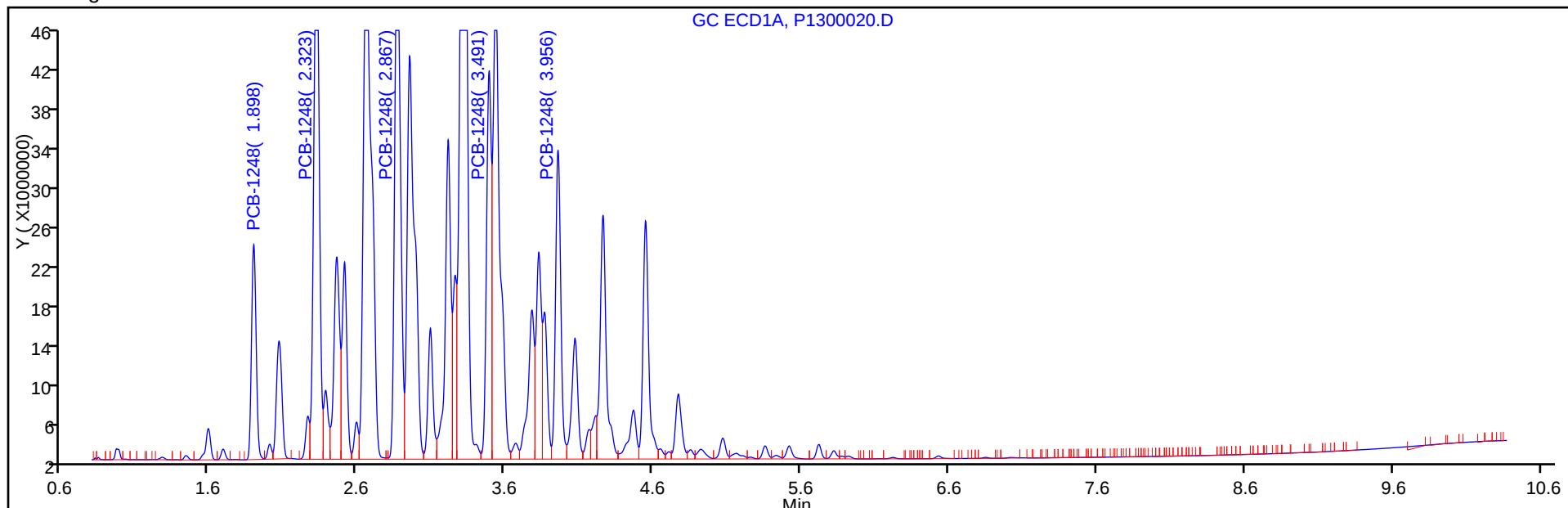
Operator ID:

Injection Vol: 1.0 ul

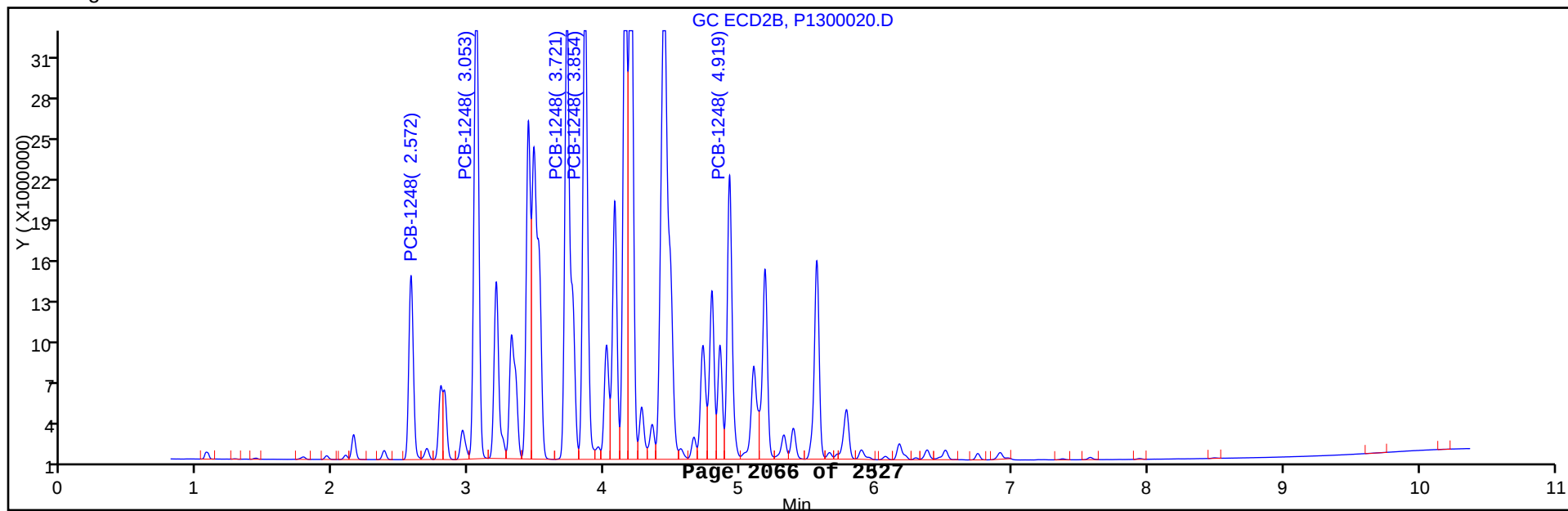
Column Type:

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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\ChromData\A2HP13\20121019-14228.b\1300015.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

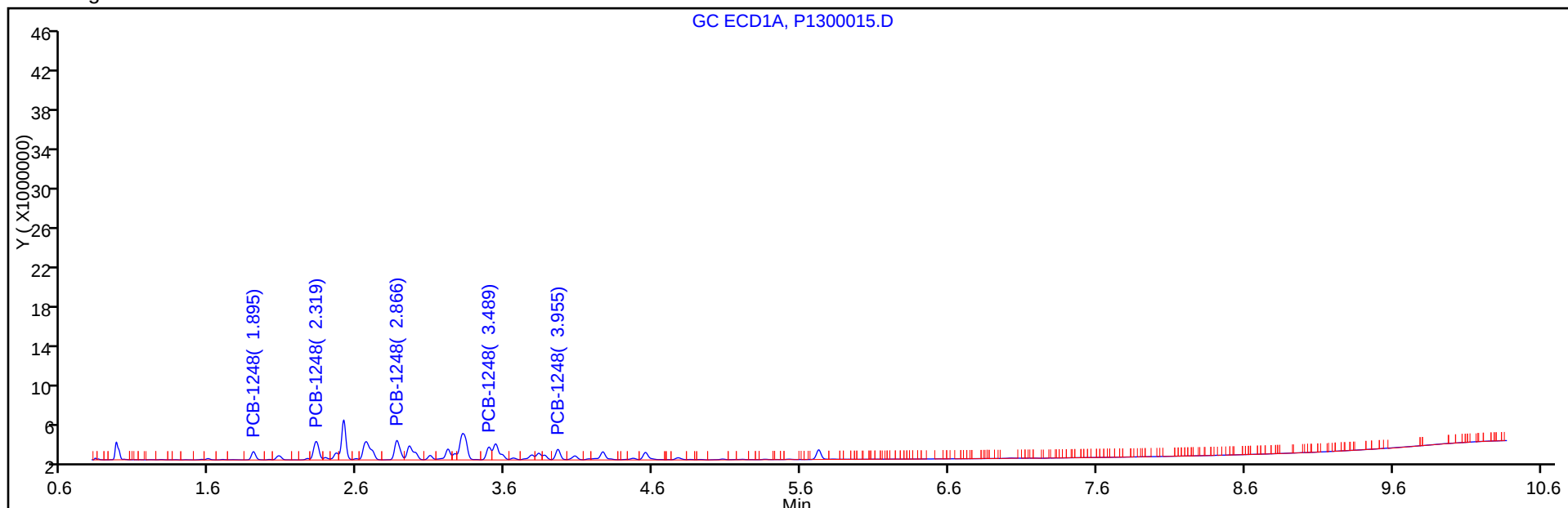
Operator ID:

Injection Vol: 1.0 ul

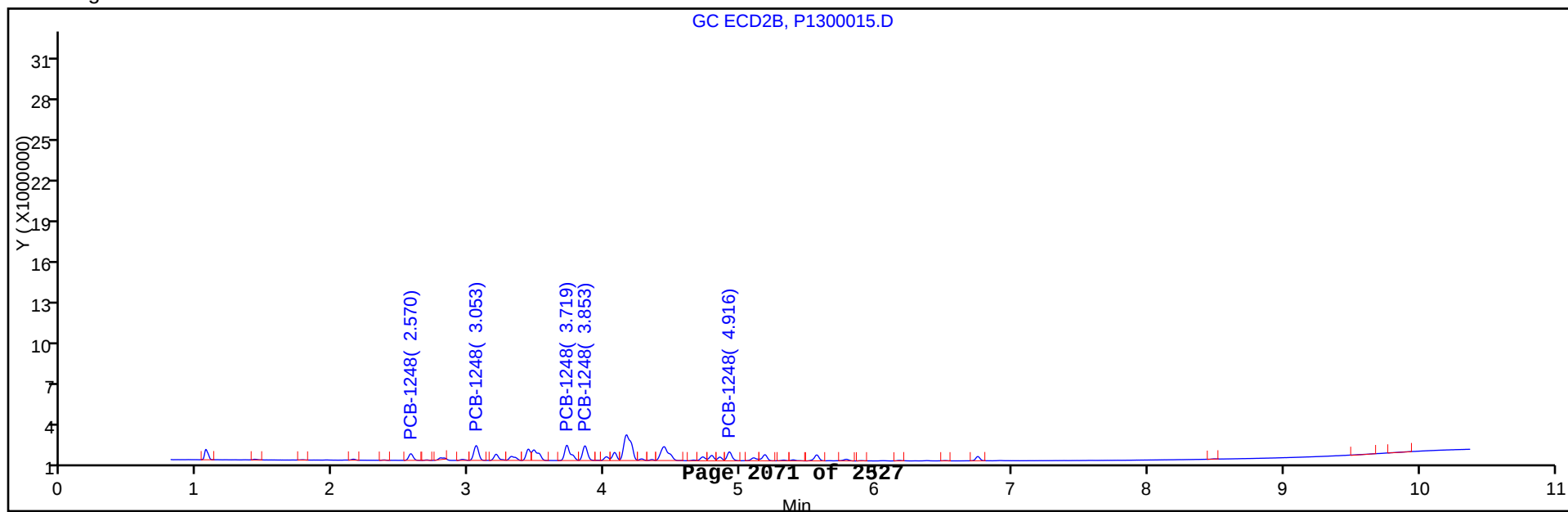
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\ChromData\A2HP13\20121019-14228.b\1300016.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

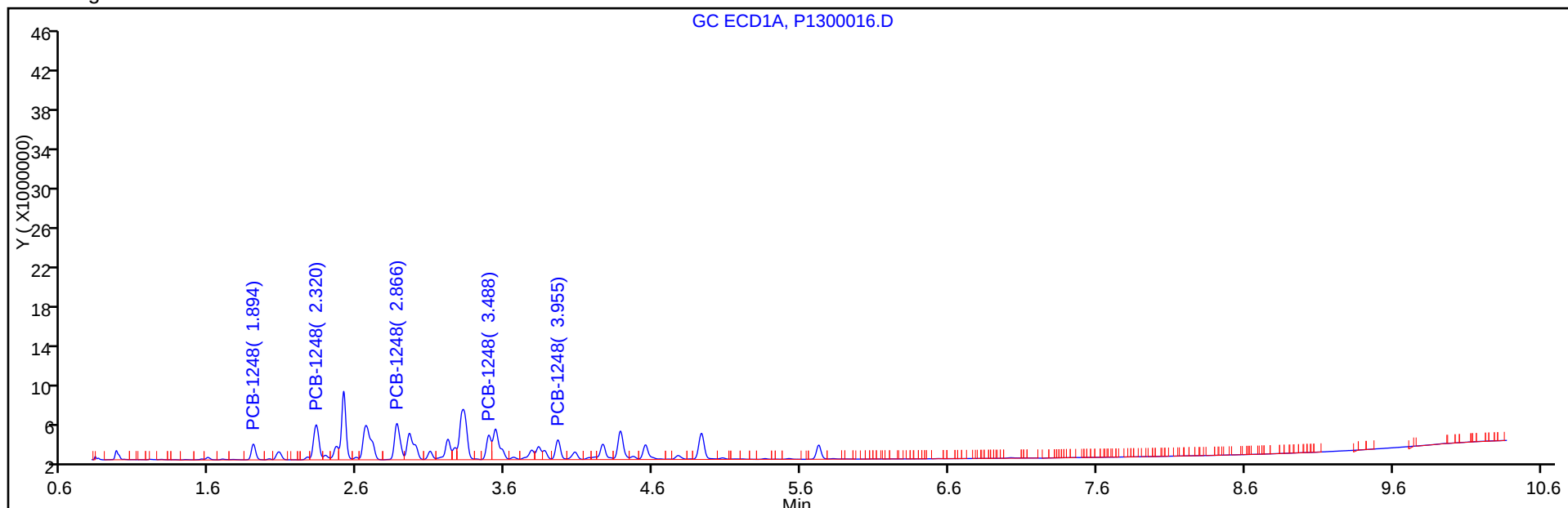
Operator ID:

Injection Vol: 1.0 ul

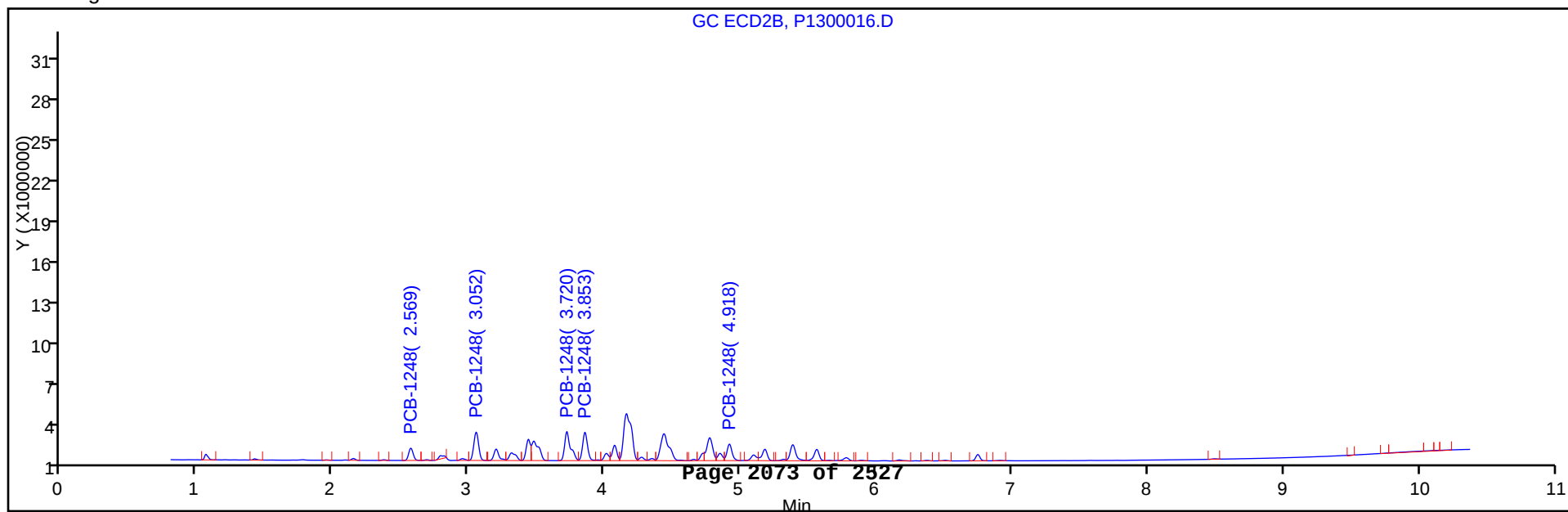
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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									

TestAmerica Canton

Data File: \\NCCchrom\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

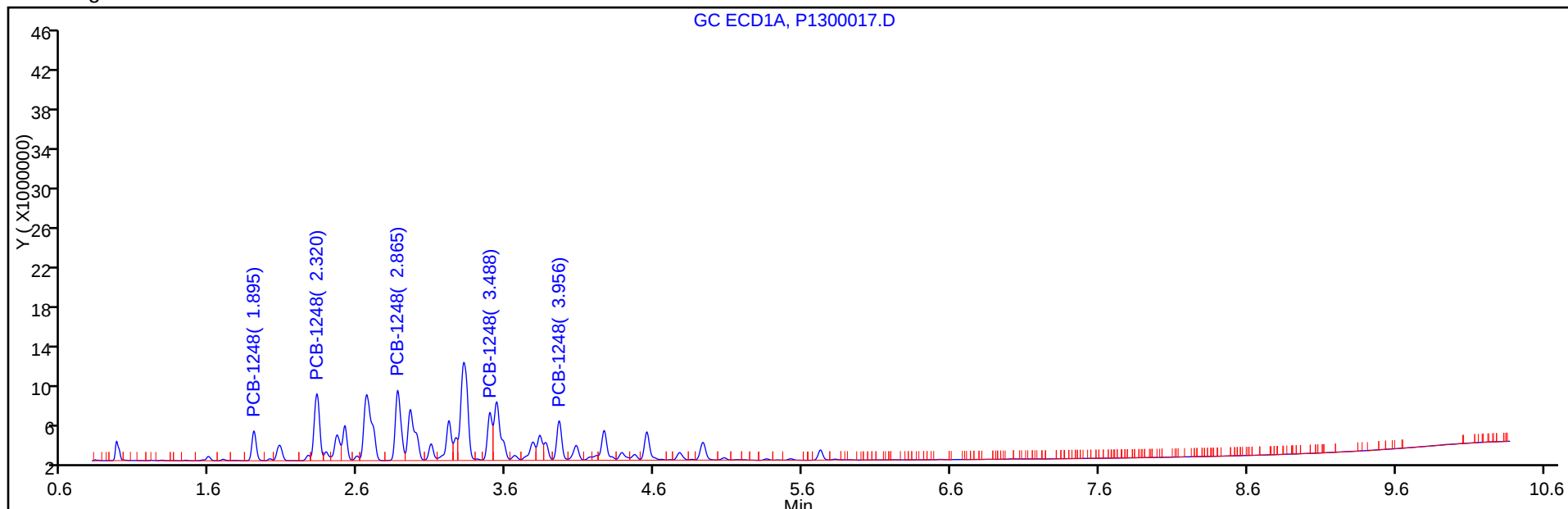
Operator ID:

Injection Vol: 1.0 ul

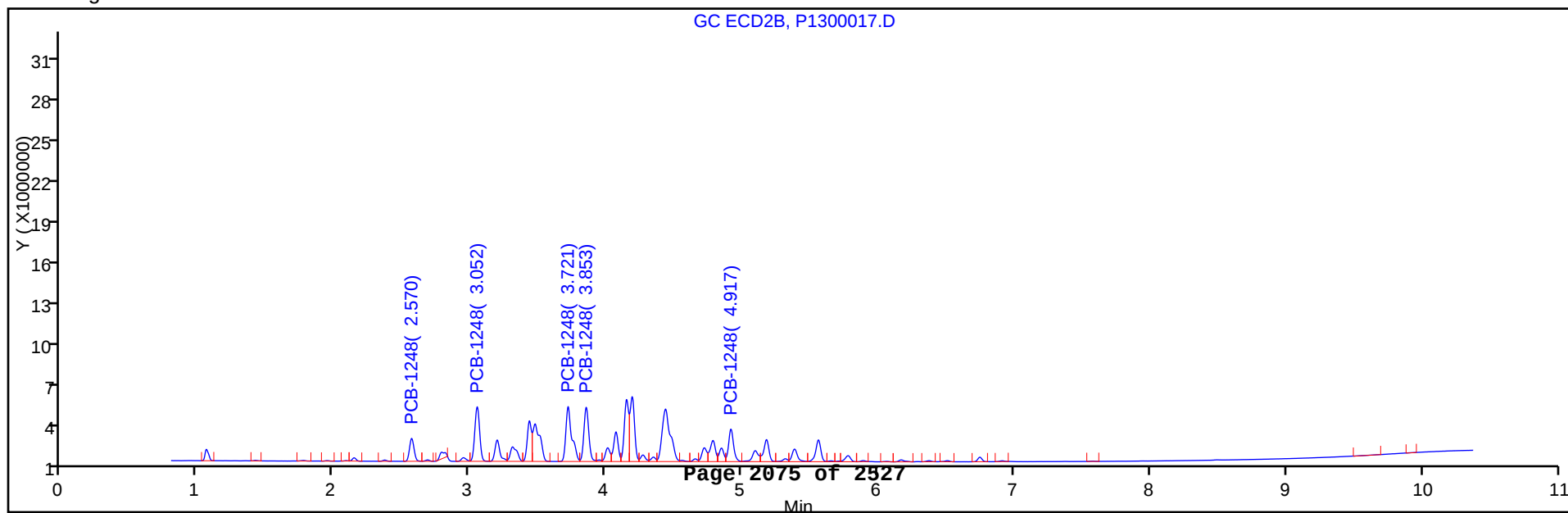
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\ChromData\A2HP13\20121019-14228.b\1300018.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

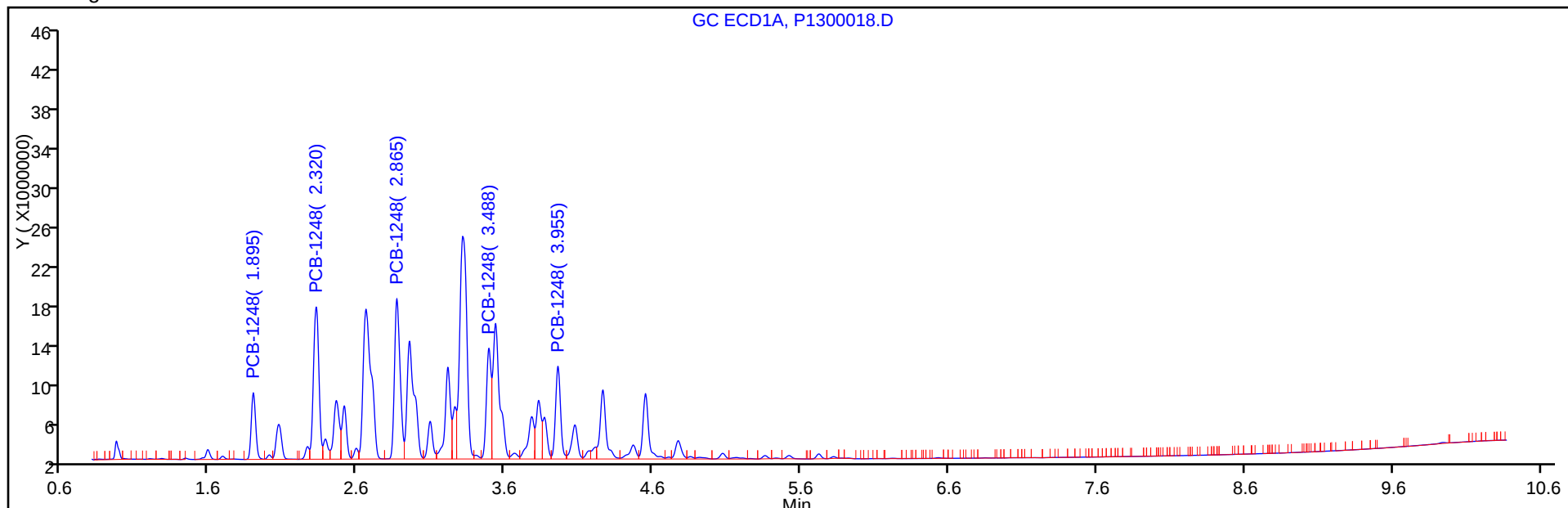
Operator ID:

Injection Vol: 1.0 ul

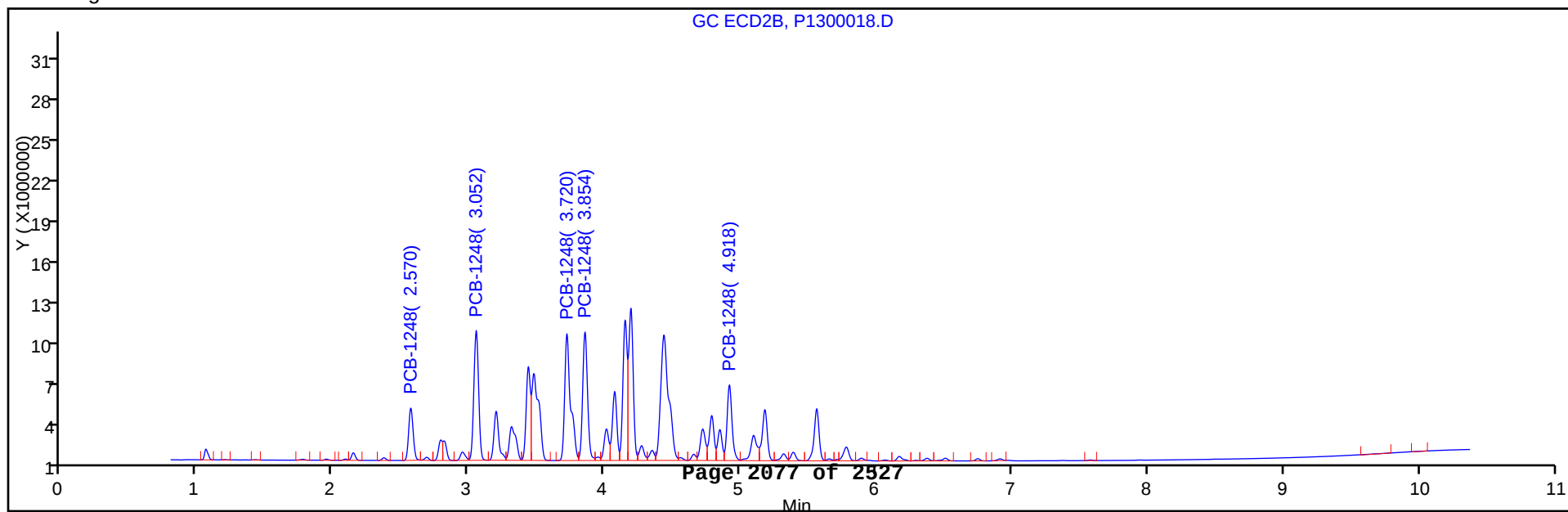
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

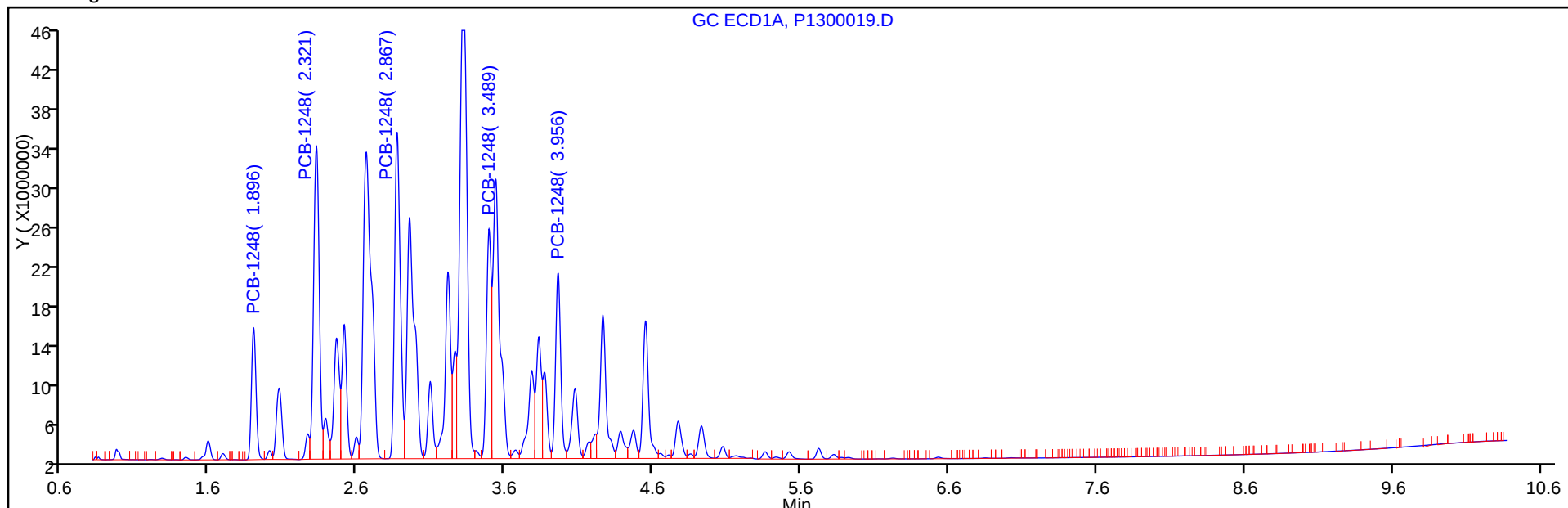
Operator ID:

Injection Vol: 1.0 ul

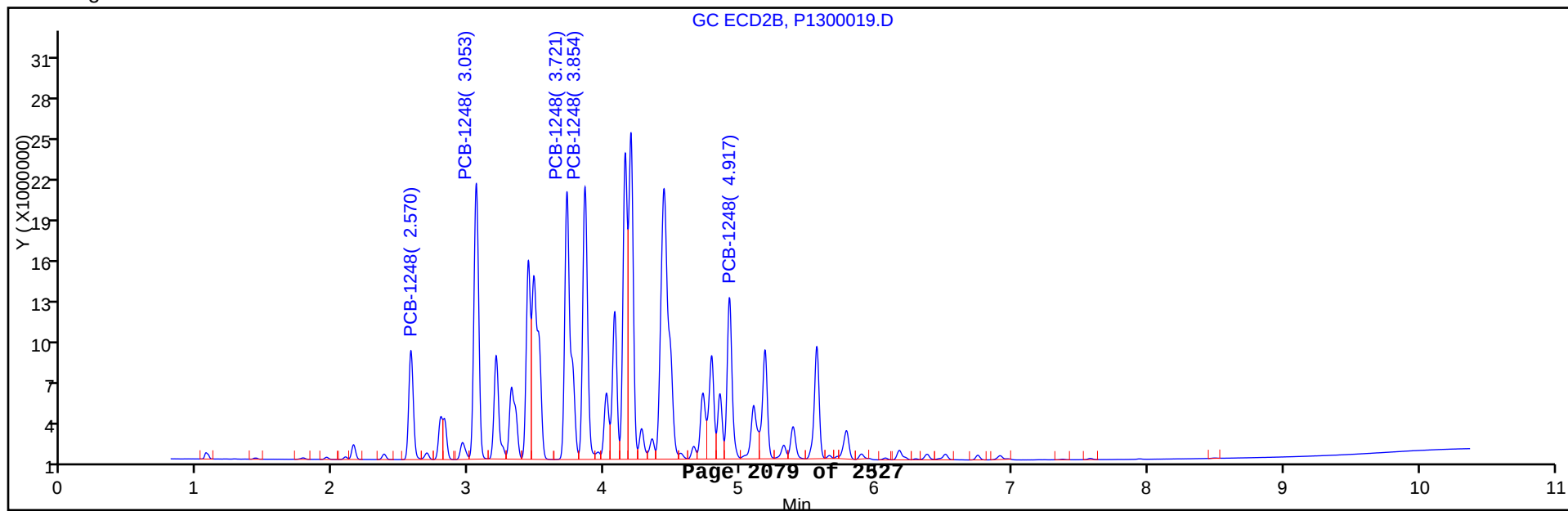
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

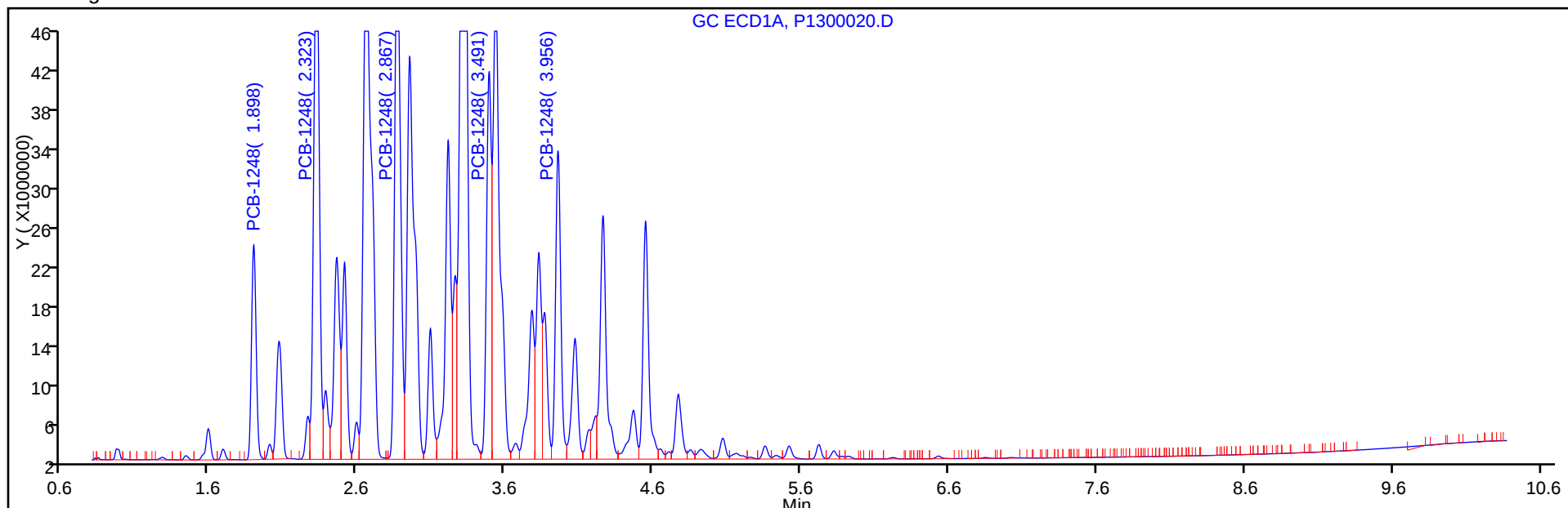
Operator ID:

Injection Vol: 1.0 ul

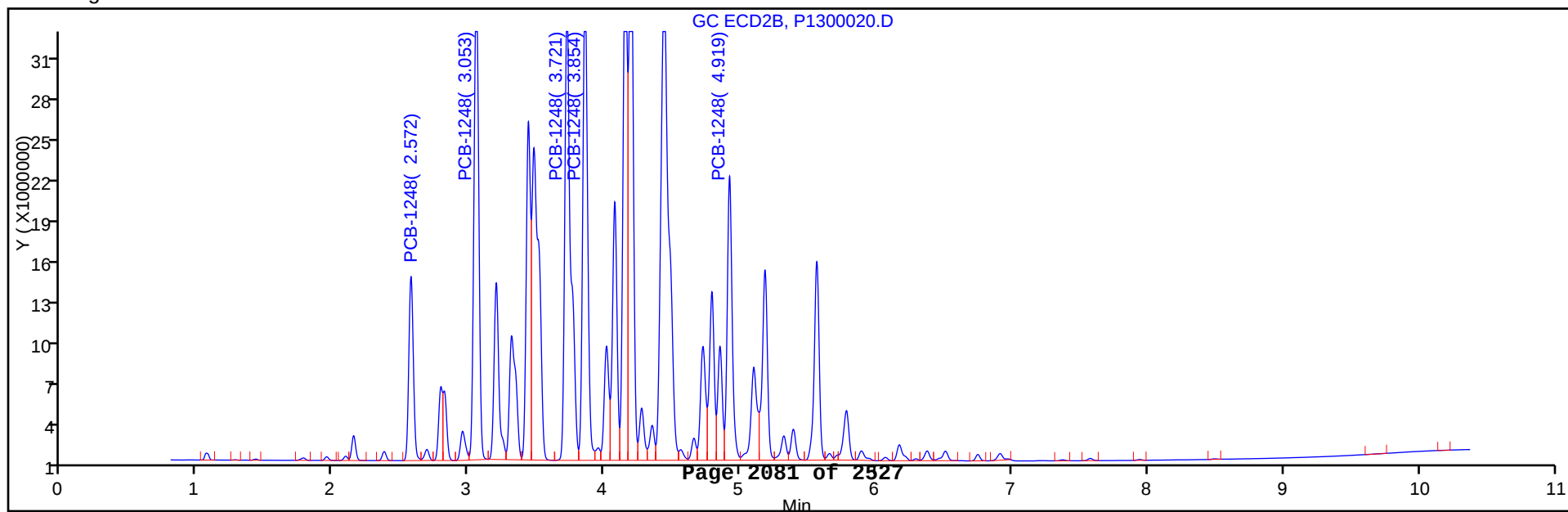
Column Type:

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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

TestAmerica Canton

Data File: \\NCCchrom\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

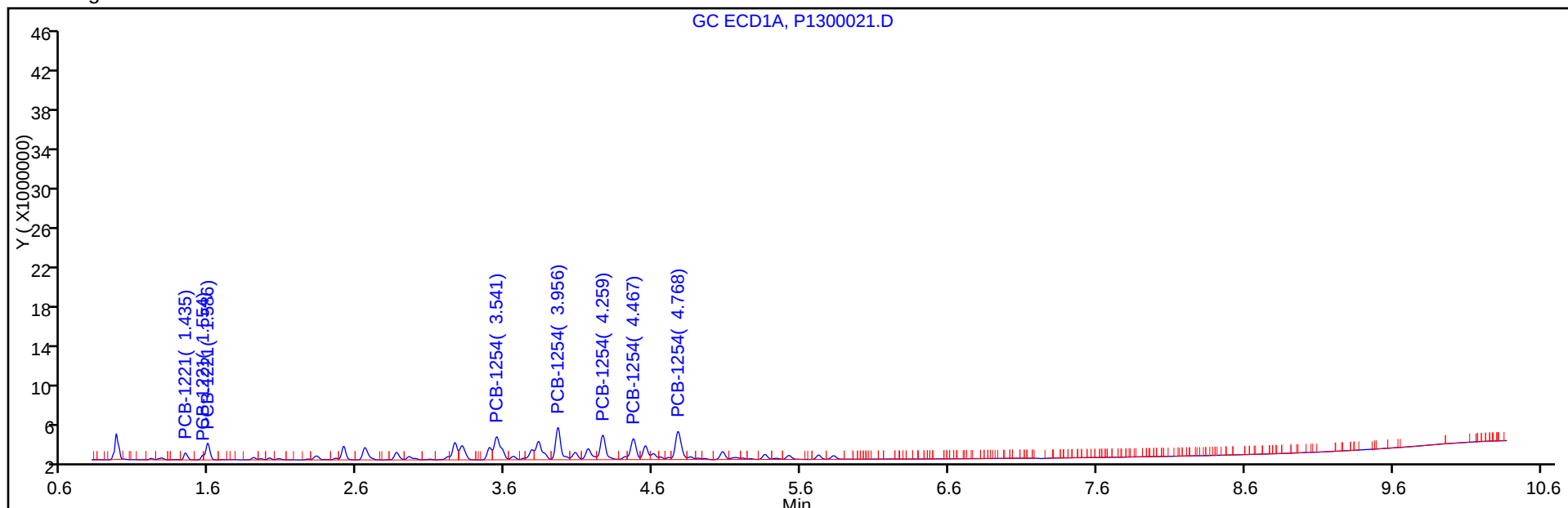
Operator ID:

Injection Vol: 1.0 ul

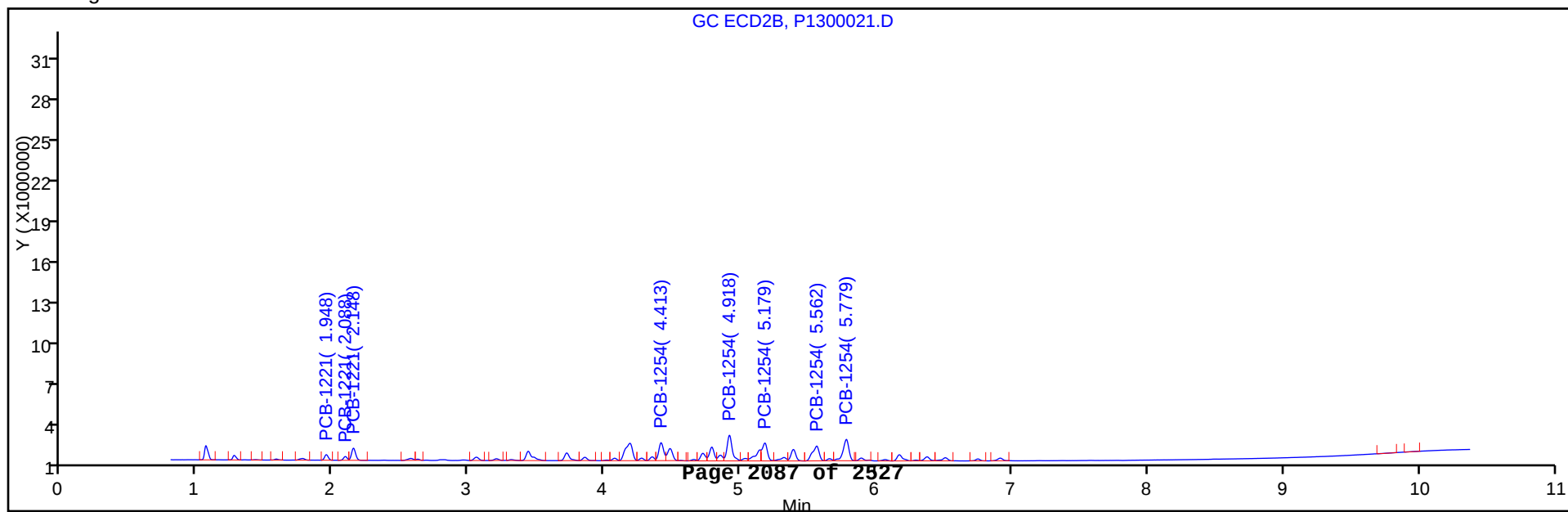
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

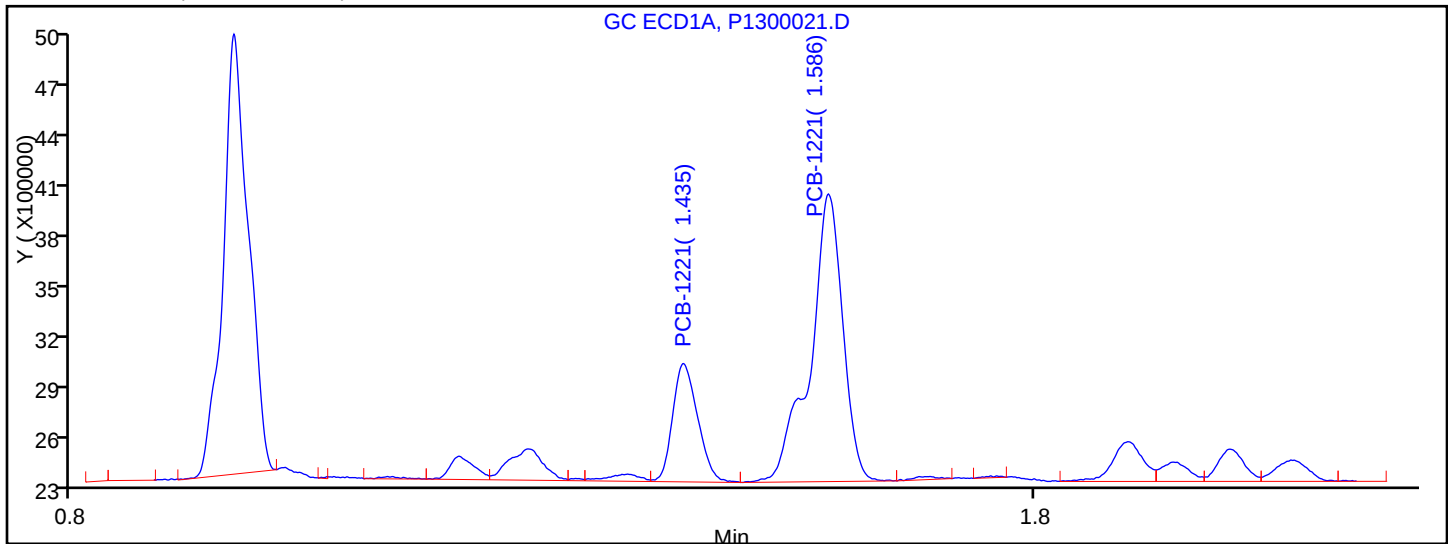
Operator ID:

Injection Vol: 1.0 ul

Column Type:

Column Dia:

3 PCB-1221, Detector: 1, GC ECD1A

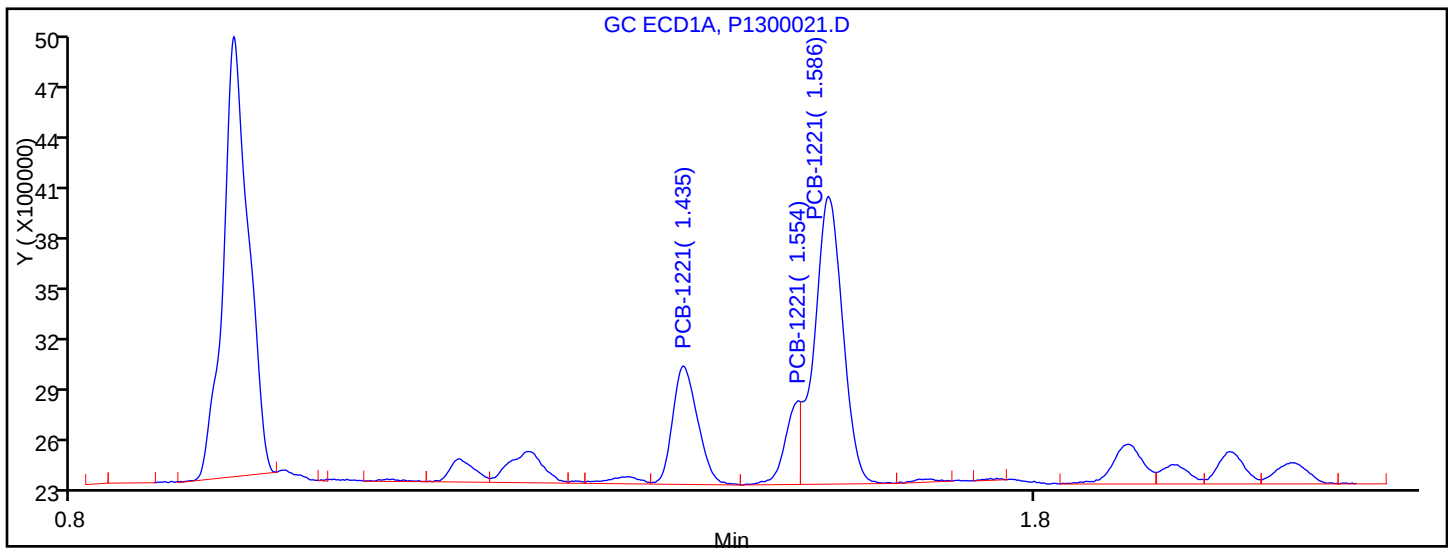


Processing Integration Results

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

TestAmerica Canton

Data File: \\NCCchrom\ChromData\A2HP13\20121019-14228.b\1300022.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

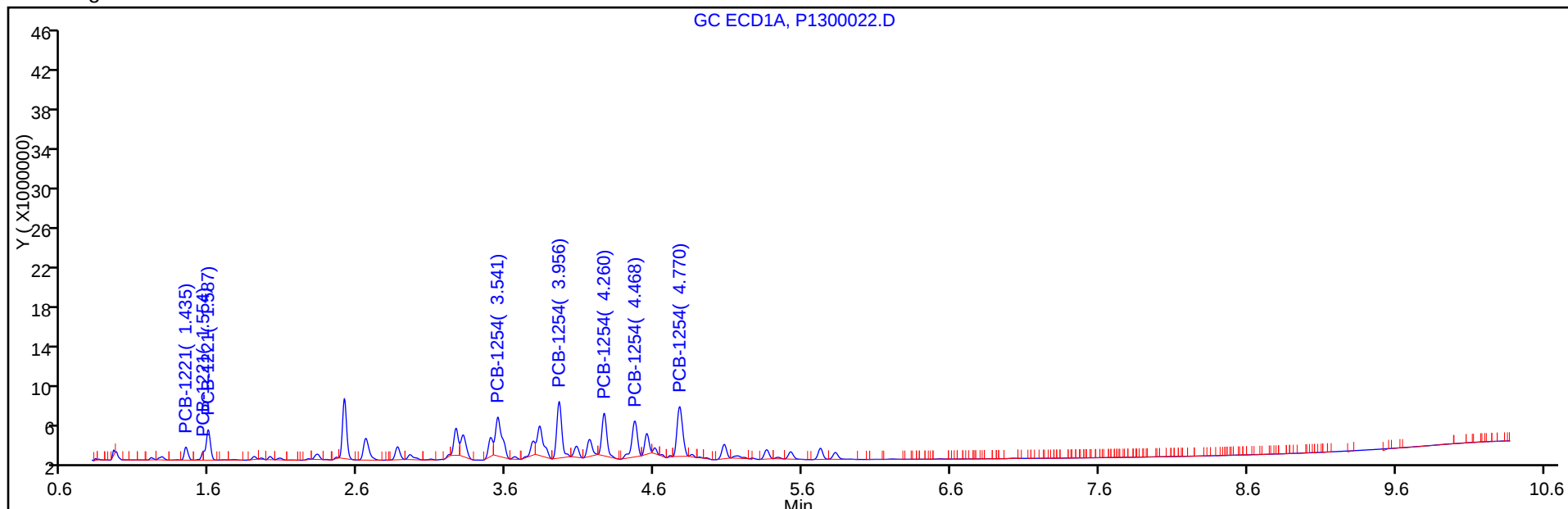
Operator ID:

Injection Vol: 1.0 ul

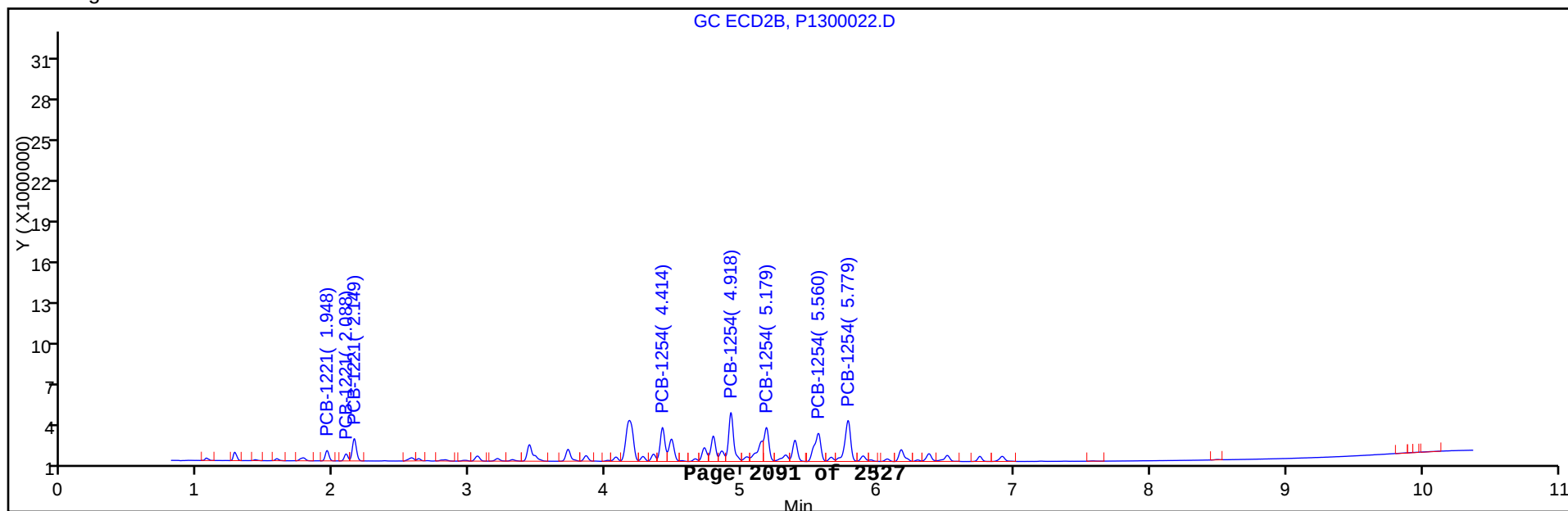
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

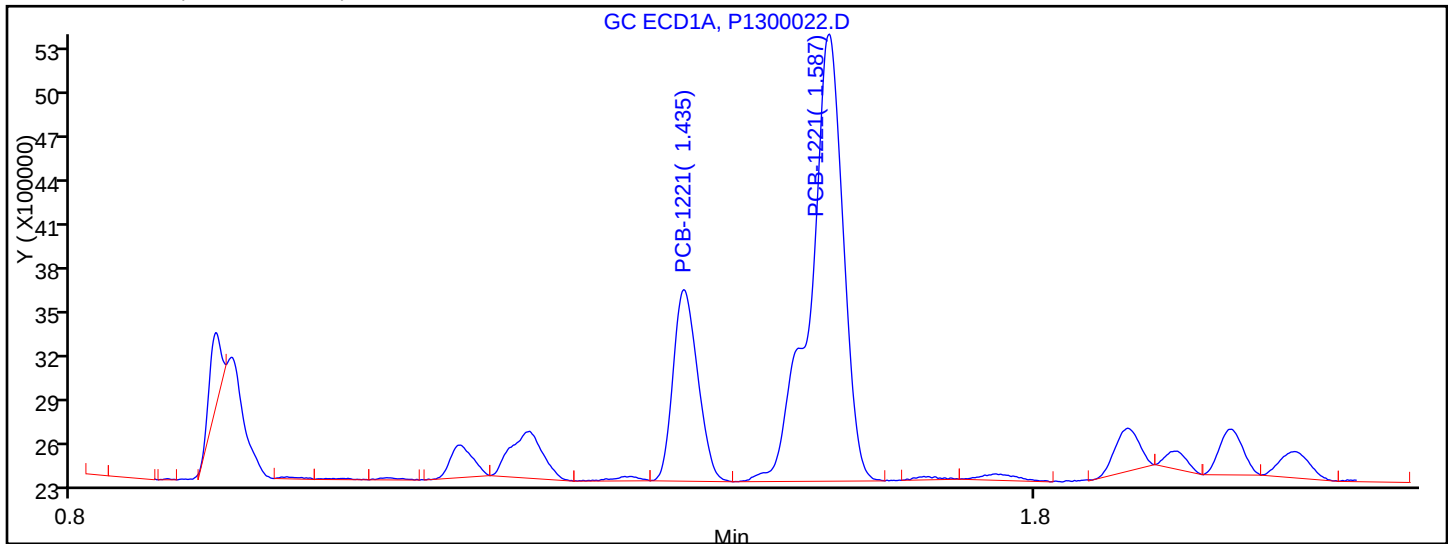
Operator ID:

Injection Vol: 1.0 ul

Column Type:

Column Dia:

3 PCB-1221, Detector: 1, GC ECD1A

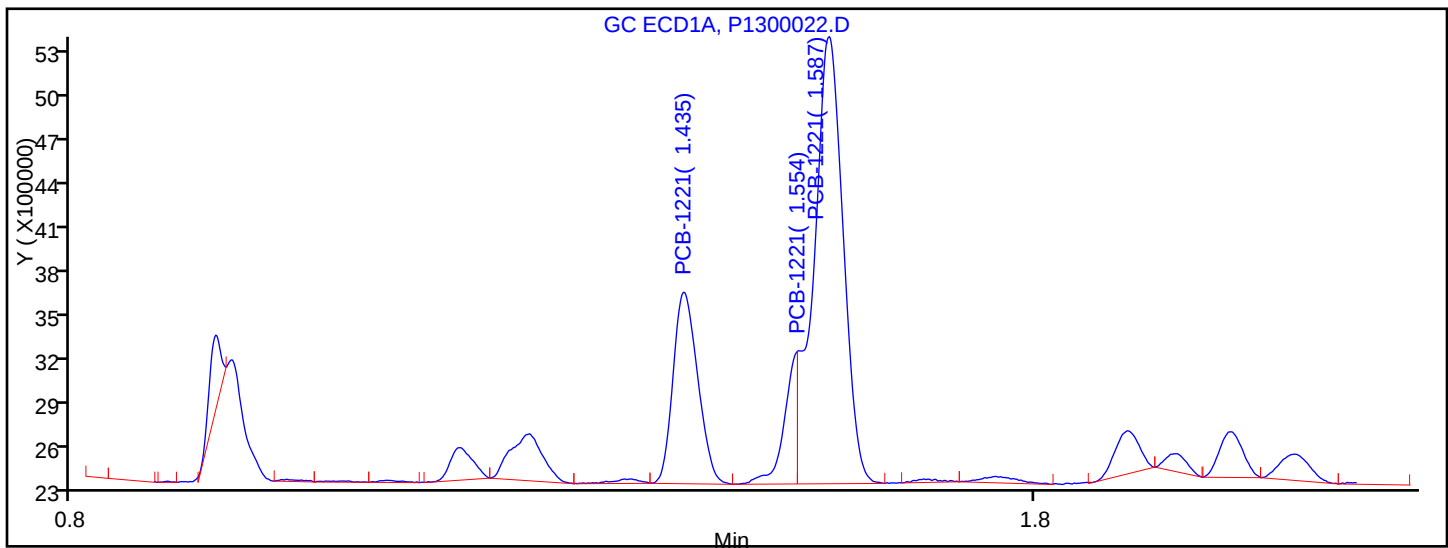


Processing Integration Results

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

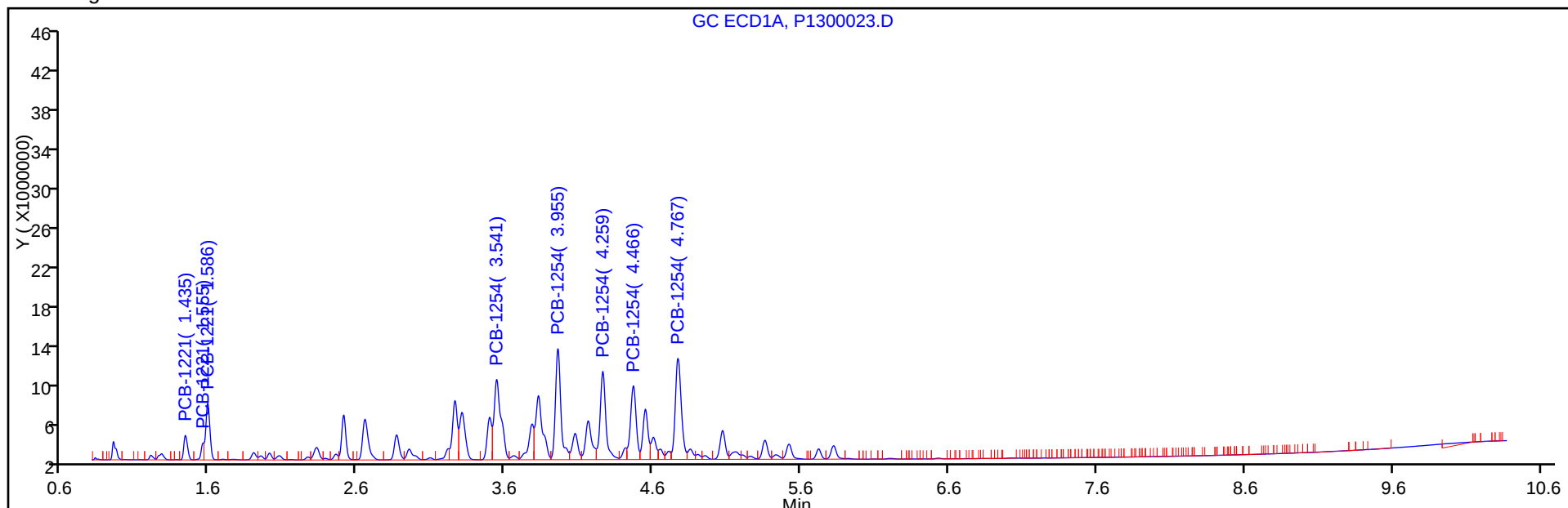
Operator ID:

Injection Vol: 1.0 ul

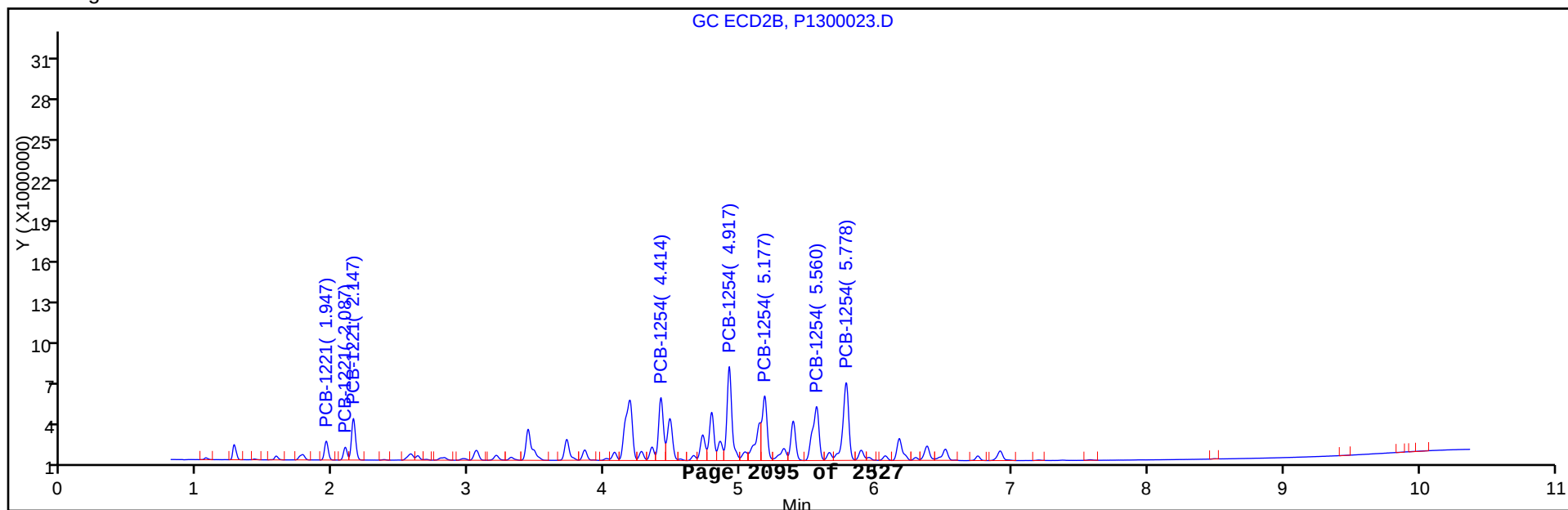
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

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

Injection Date: 21-Oct-2012 21:51:47

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 62068

Lims Sample ID: 23

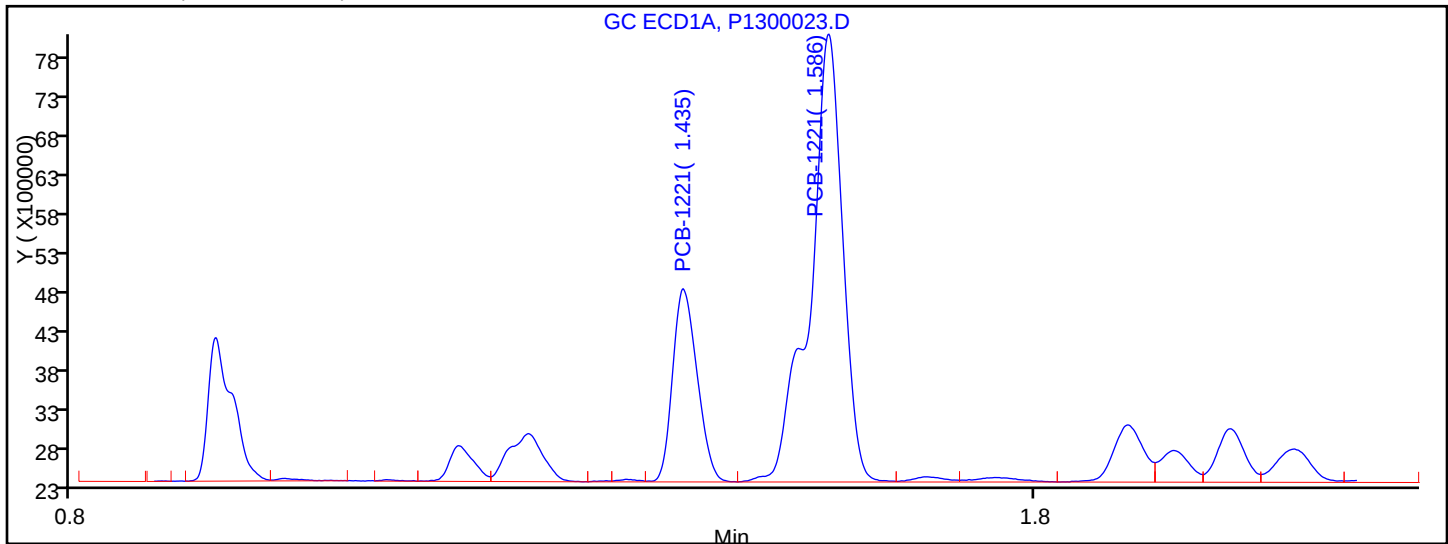
Operator ID:

Injection Vol: 1.0 ul

Column Type:

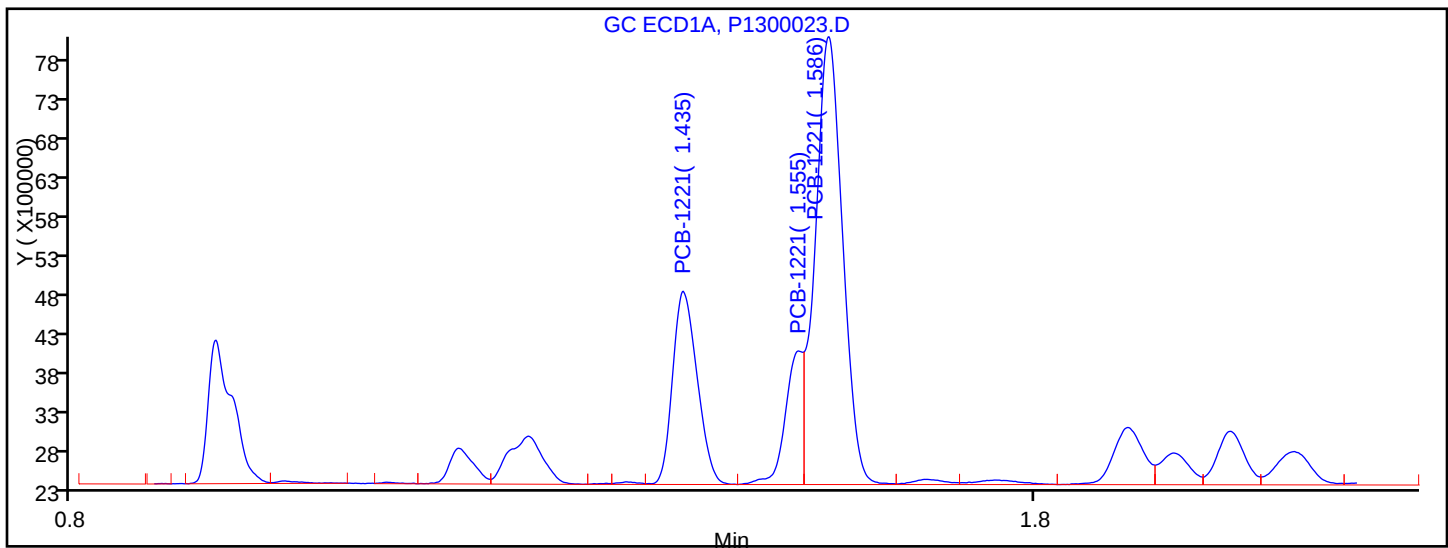
Column Dia:

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

Injection Date: 21-Oct-2012 22:06:41

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 62068

Lims Sample ID: 24

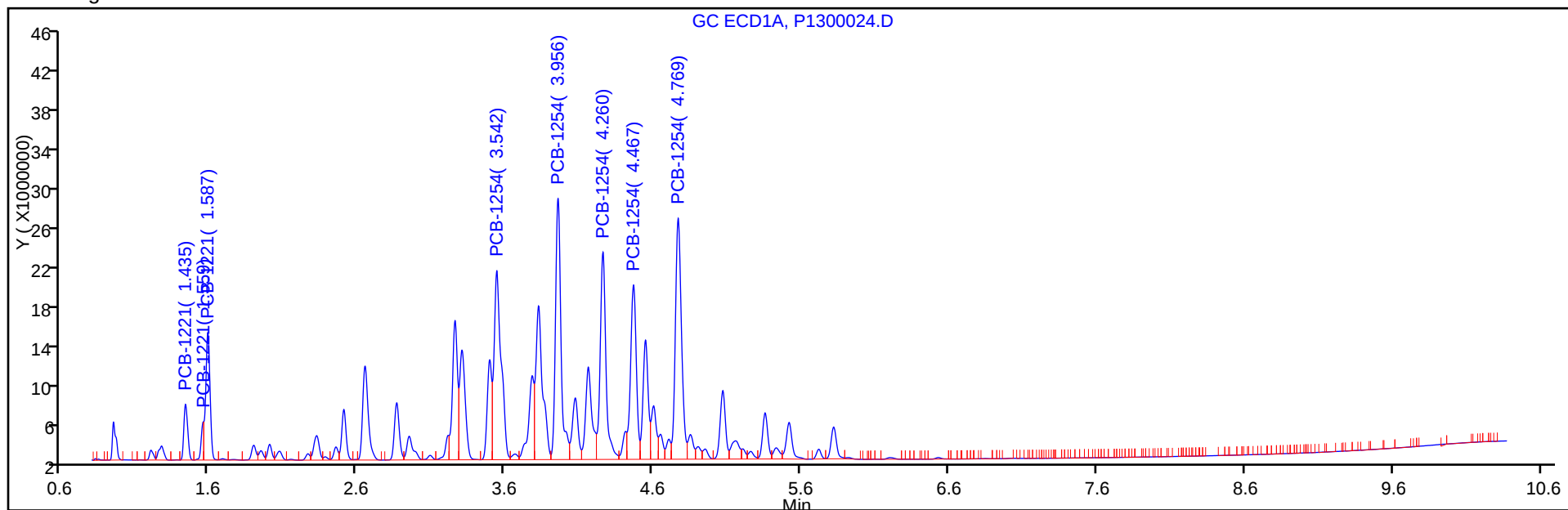
Operator ID:

Injection Vol: 1.0 ul

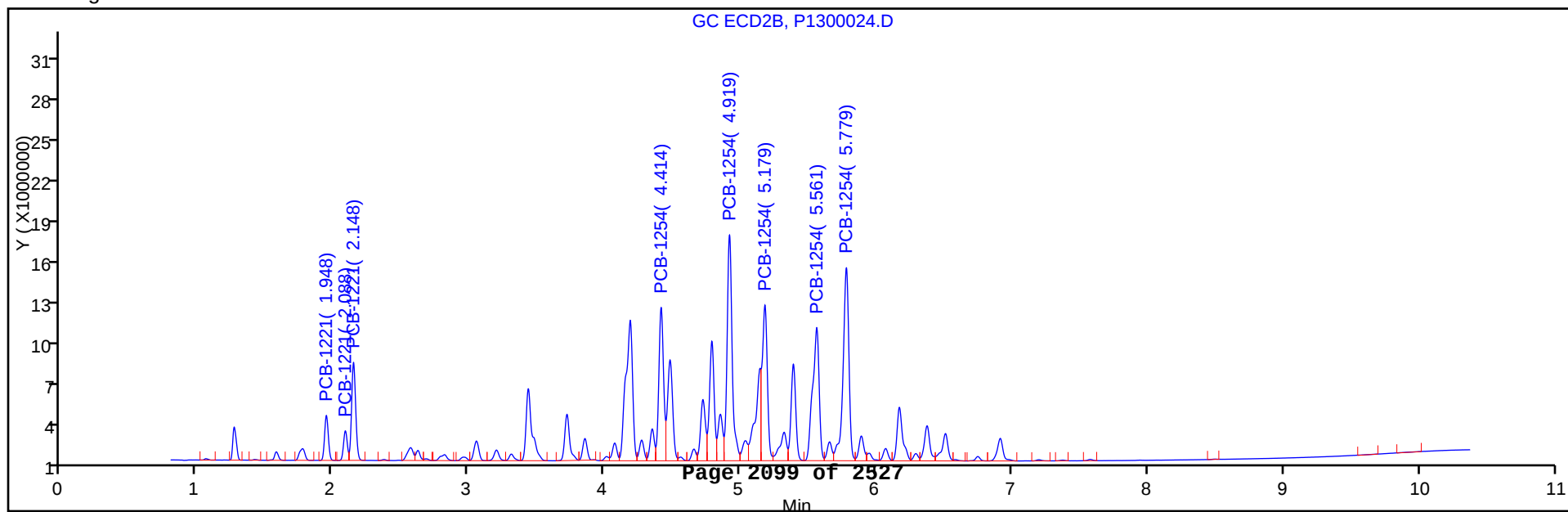
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

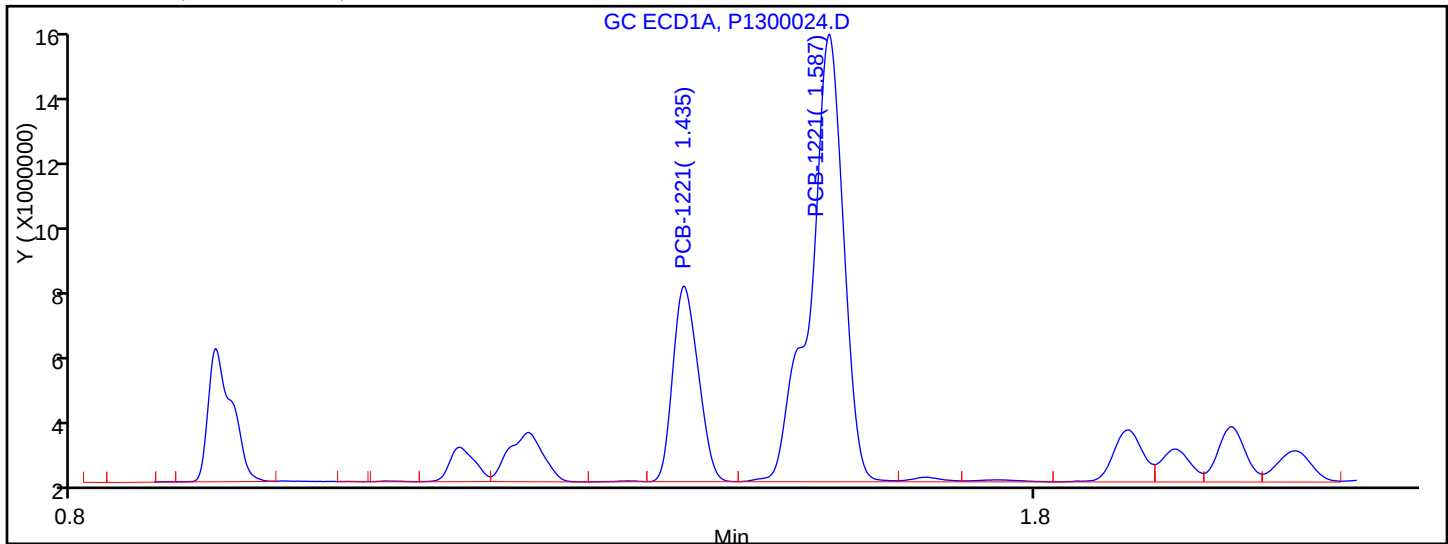
Operator ID:

Injection Vol: 1.0 ul

Column Type:

Column Dia:

3 PCB-1221, Detector: 1, GC ECD1A

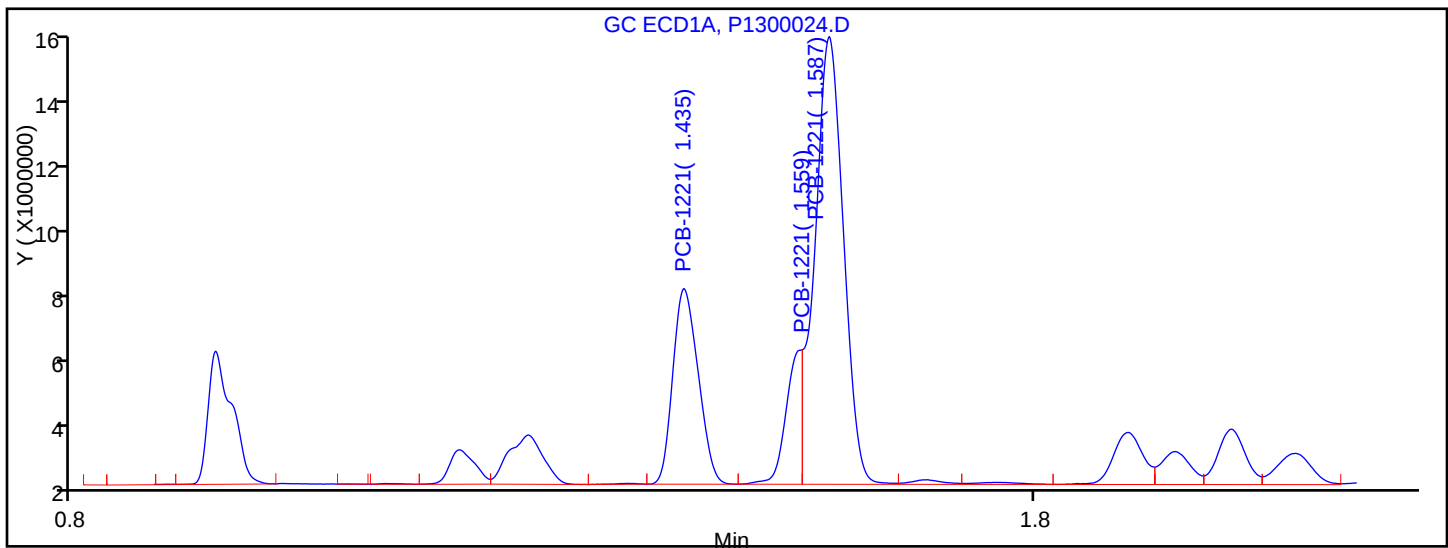


Processing Integration Results

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\ChromData\A2HP13\20121019-14228.b\1300025.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

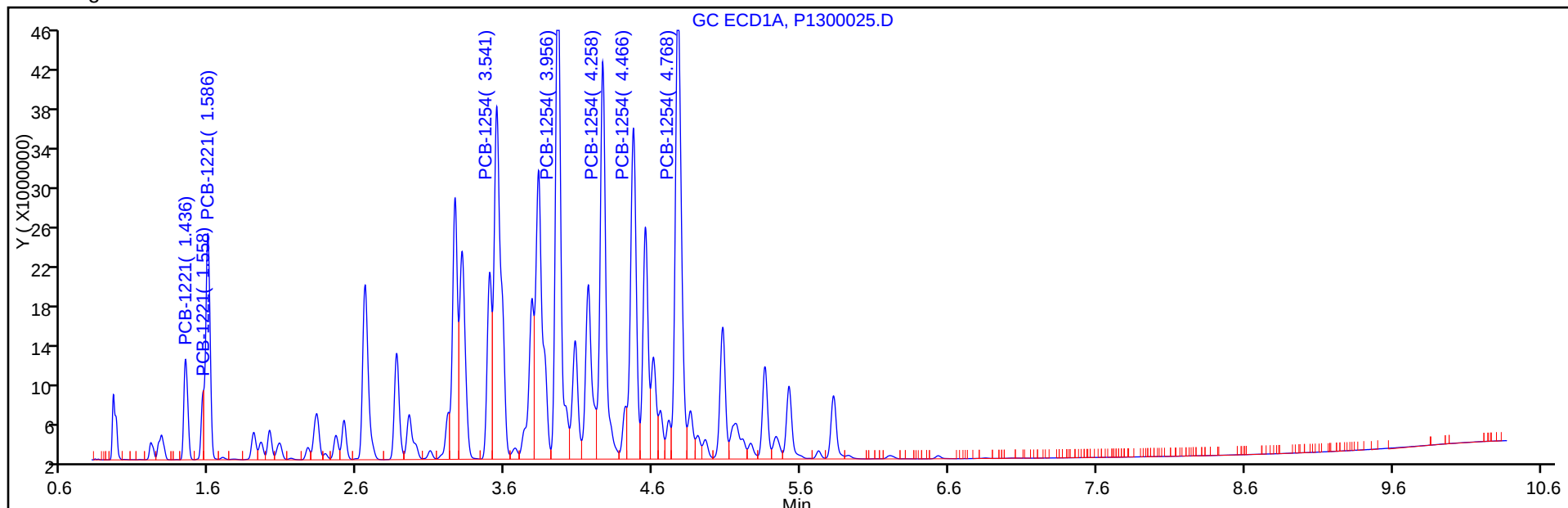
Operator ID:

Injection Vol: 1.0 ul

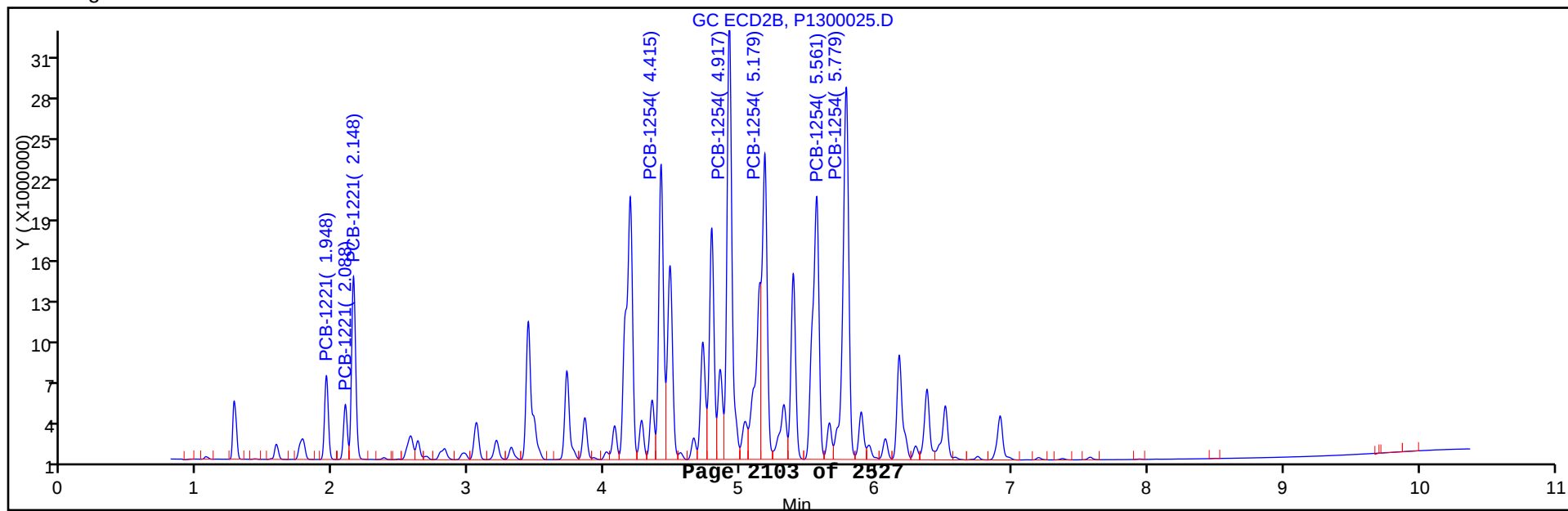
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

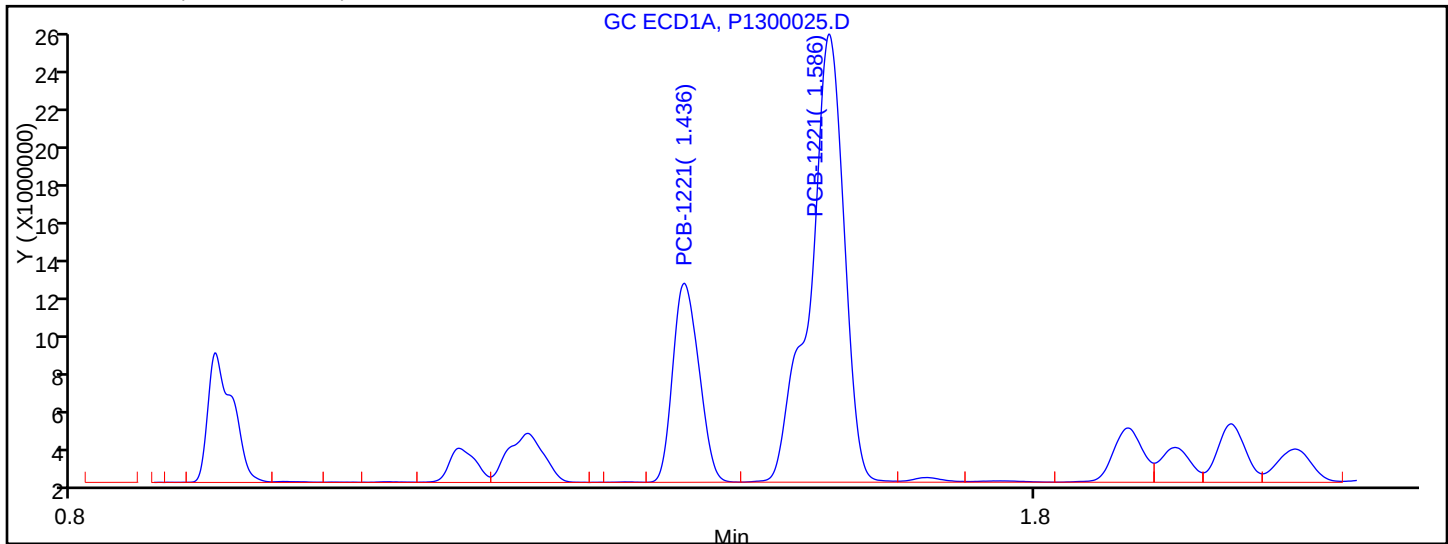
Operator ID:

Injection Vol: 1.0 ul

Column Type:

Column Dia:

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

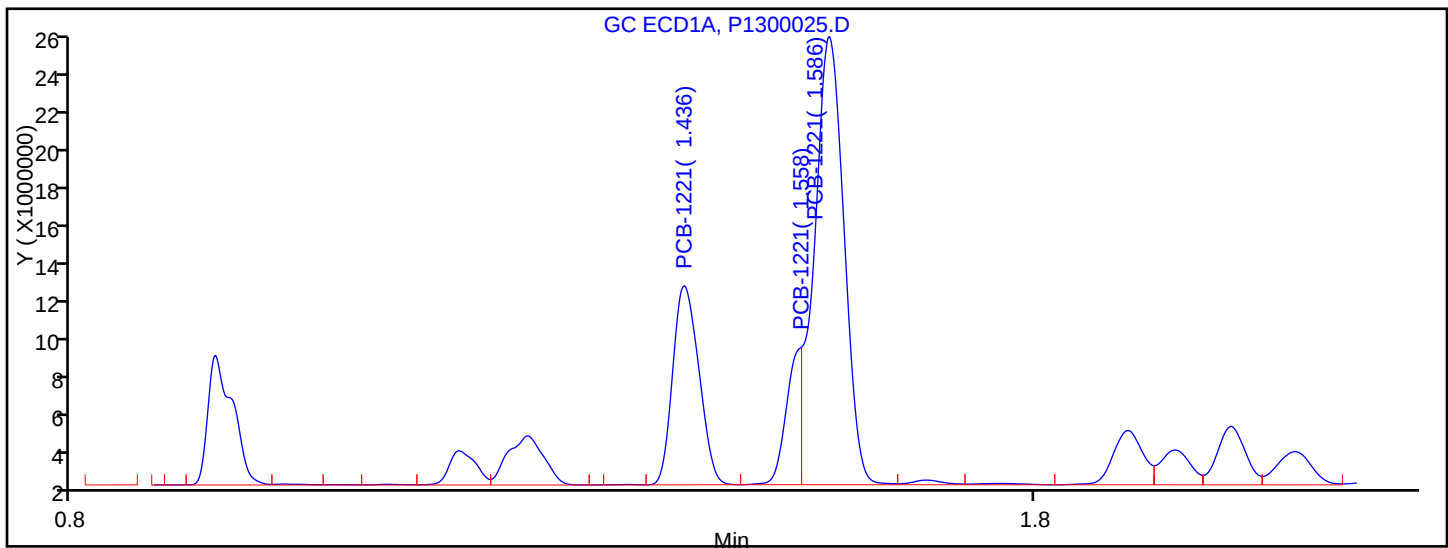
RT = 1.436 Response = 19416966

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

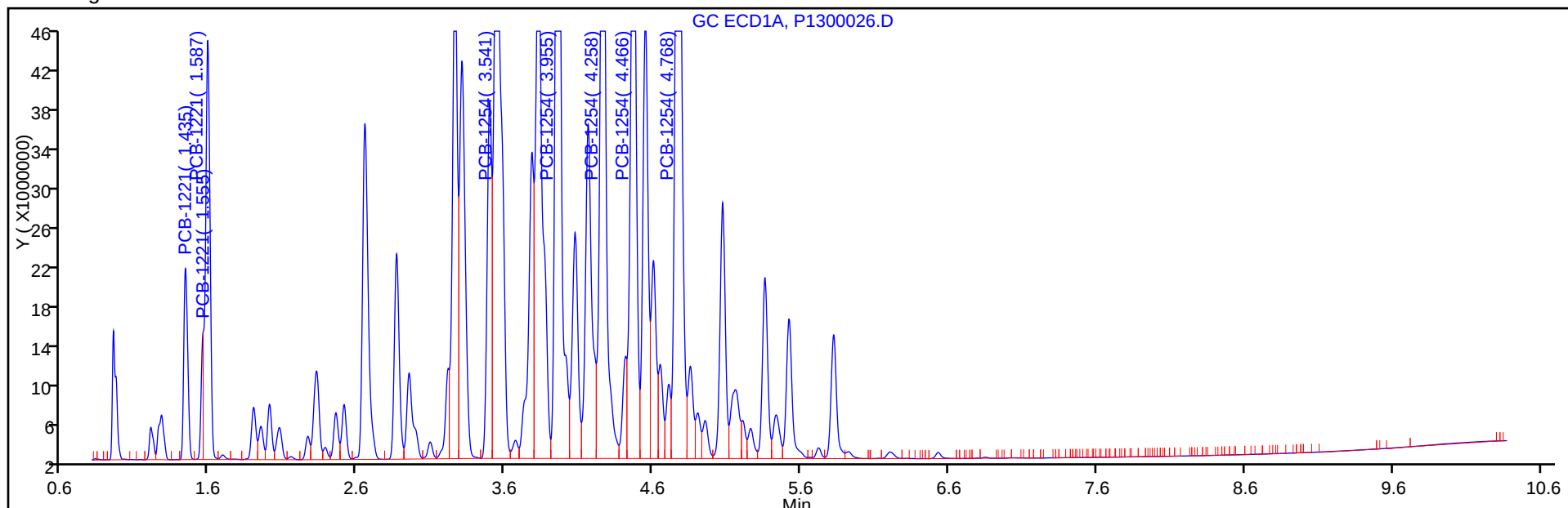
Operator ID:

Injection Vol: 1.0 ul

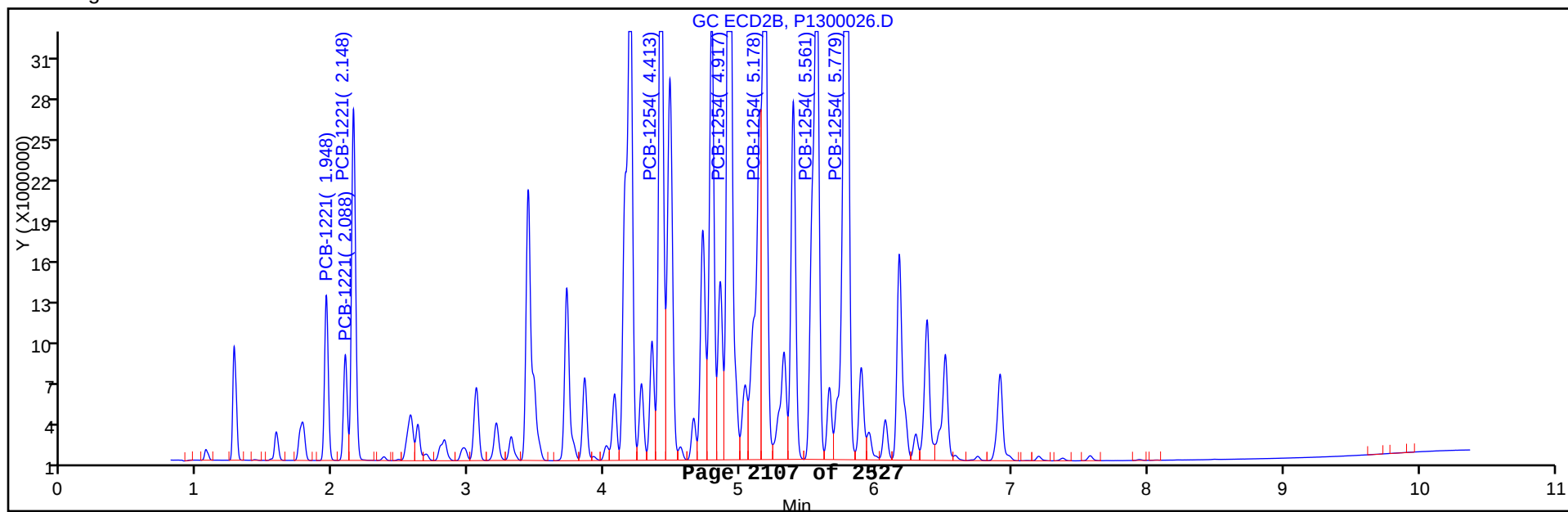
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

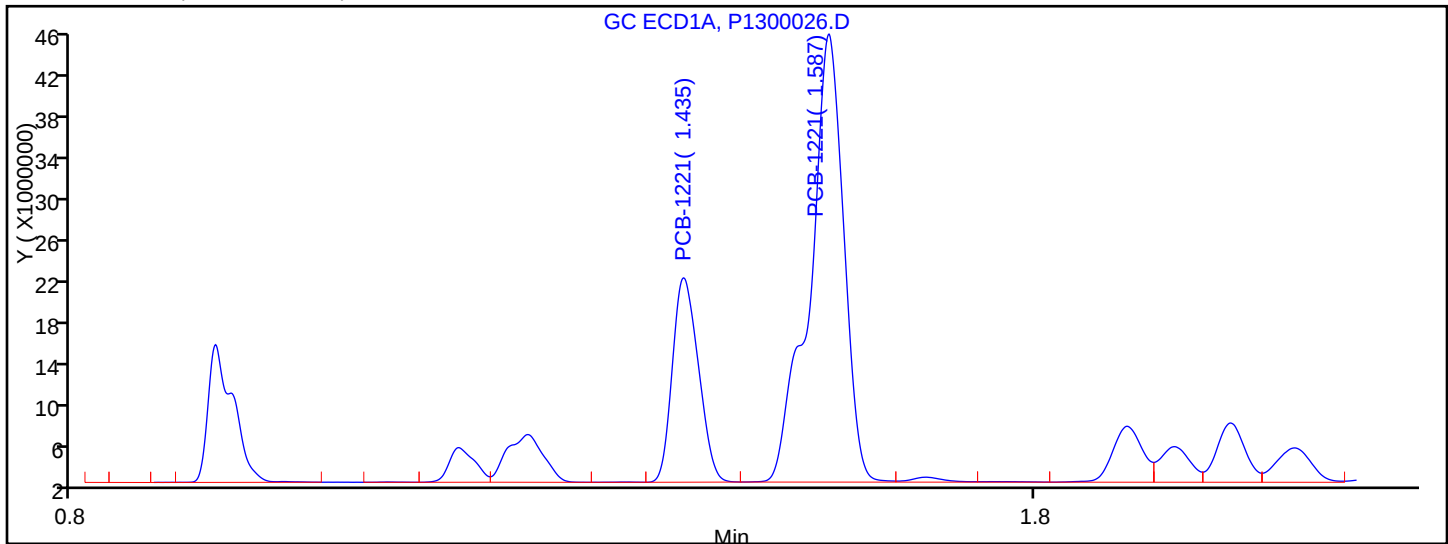
Operator ID:

Injection Vol: 1.0 ul

Column Type:

Column Dia:

3 PCB-1221, Detector: 1, GC ECD1A

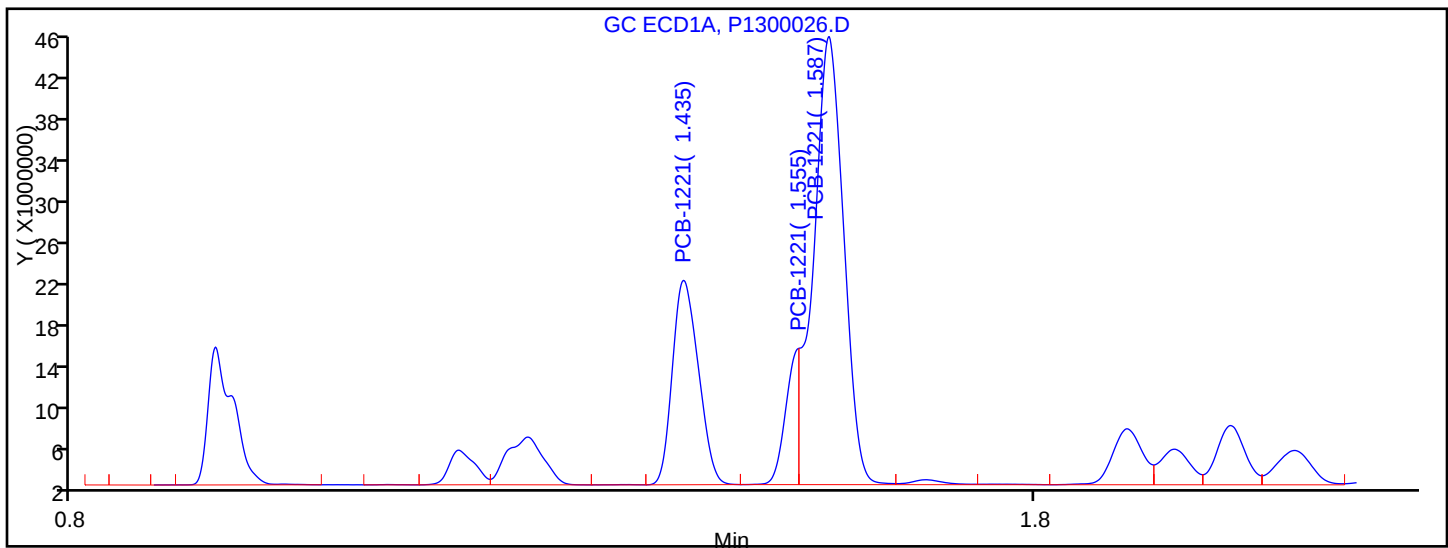


Processing Integration Results

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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

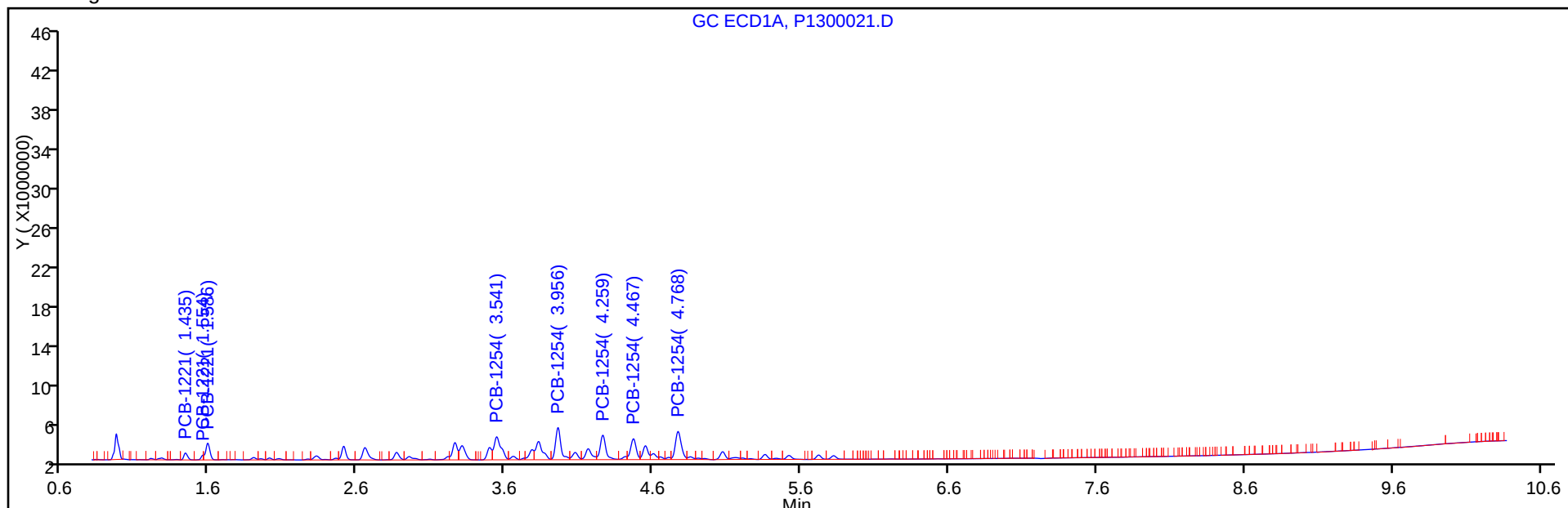
Operator ID:

Injection Vol: 1.0 ul

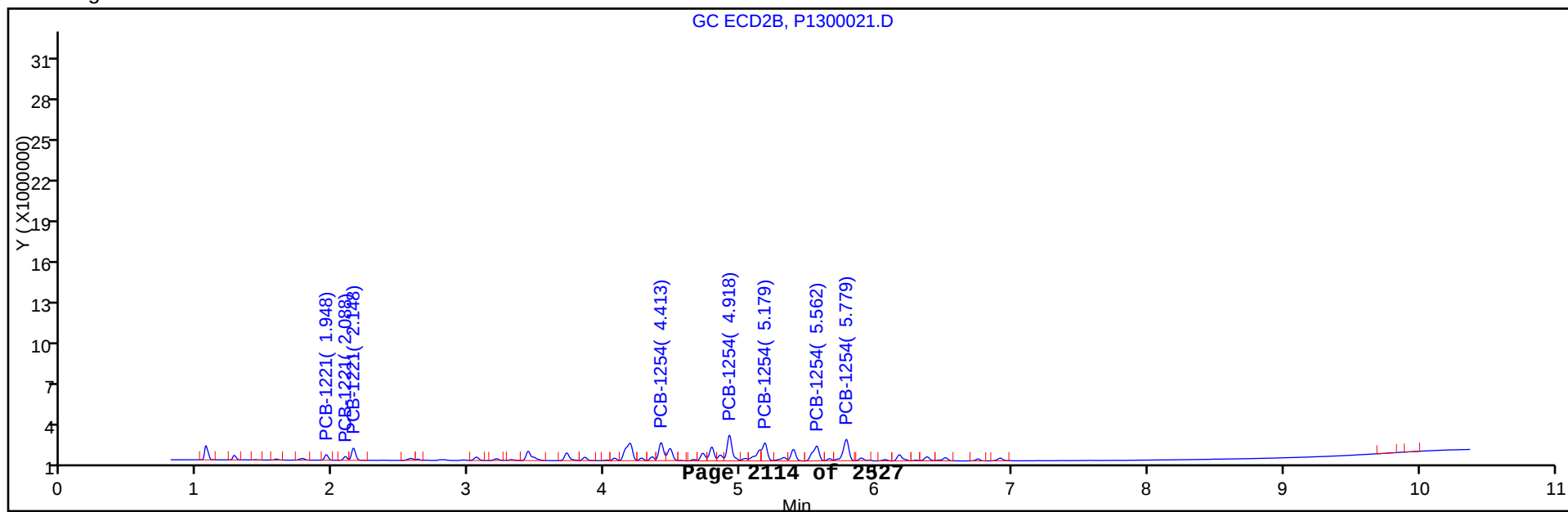
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

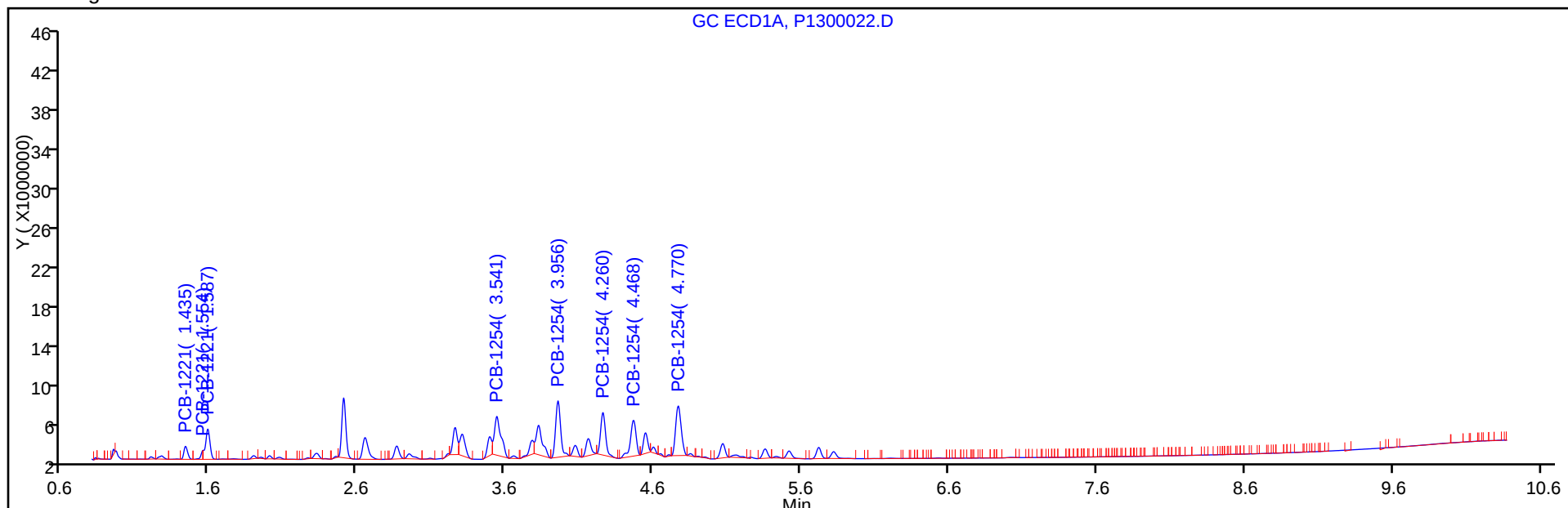
Operator ID:

Injection Vol: 1.0 ul

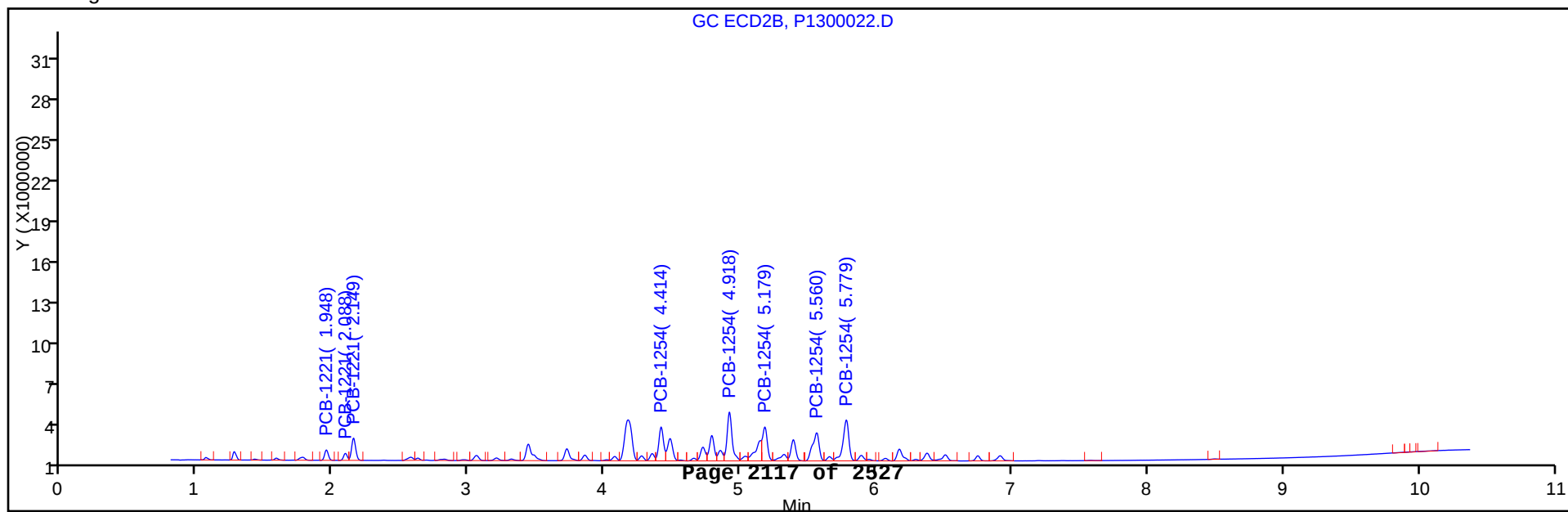
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

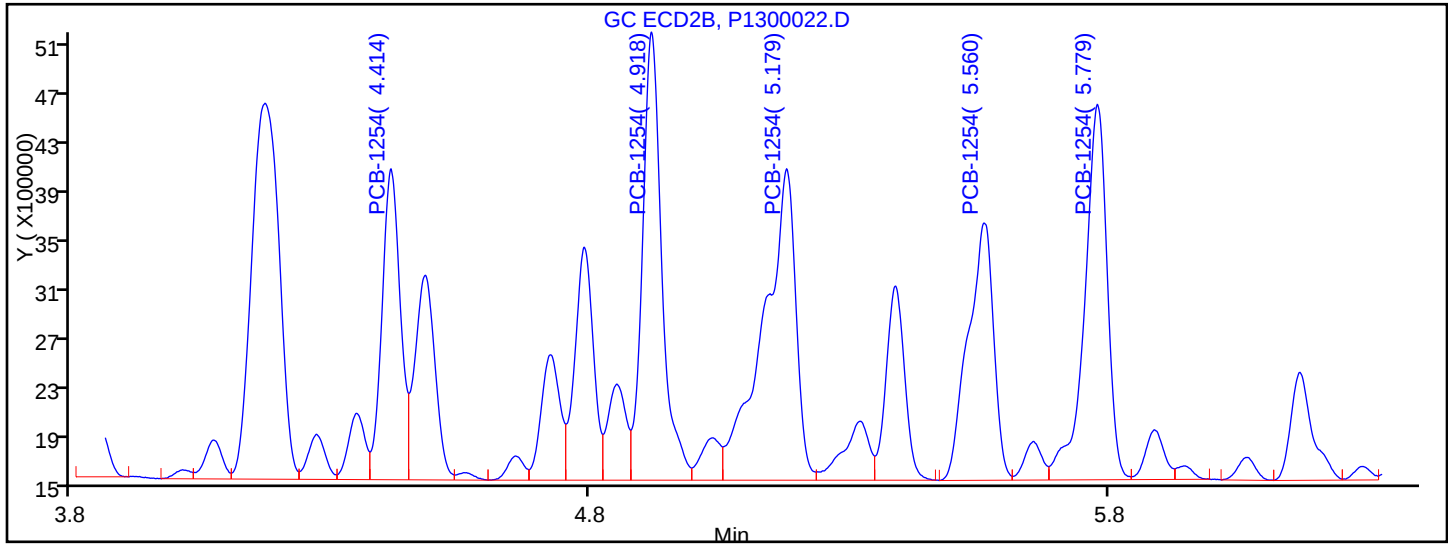
Operator ID:

Injection Vol: 1.0 ul

Column Type:

Column Dia:

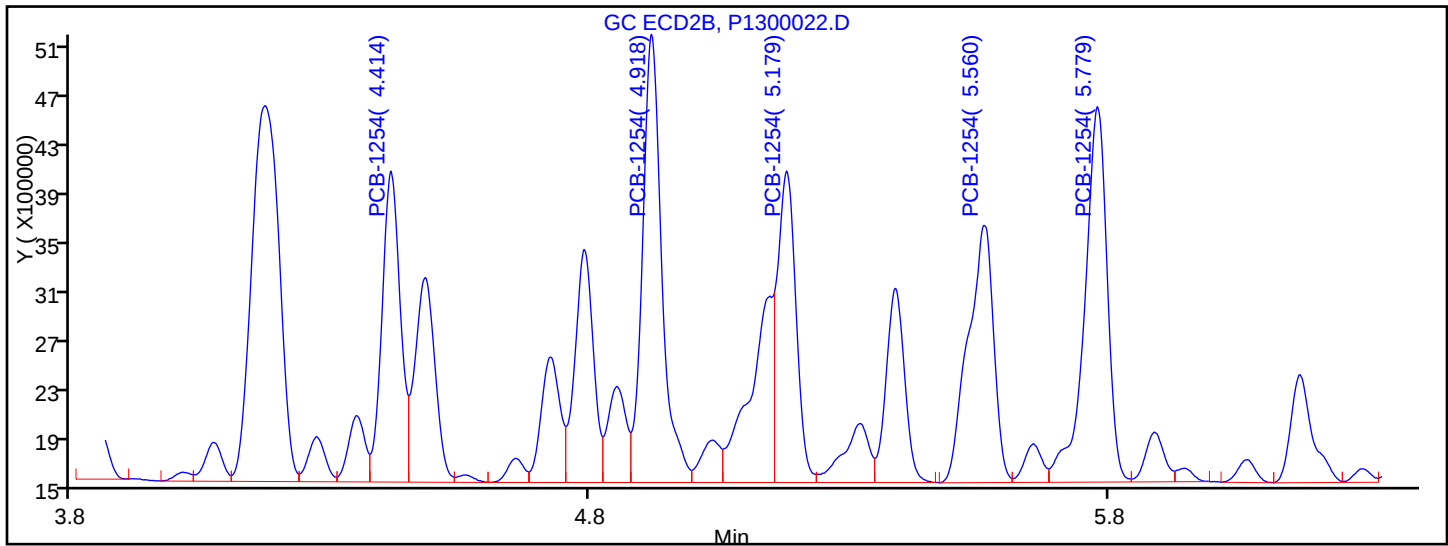
8 PCB-1254, Detector: 2, GC ecd2b



Processing Integration Results

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

M



Manual Integration Results

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

M

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

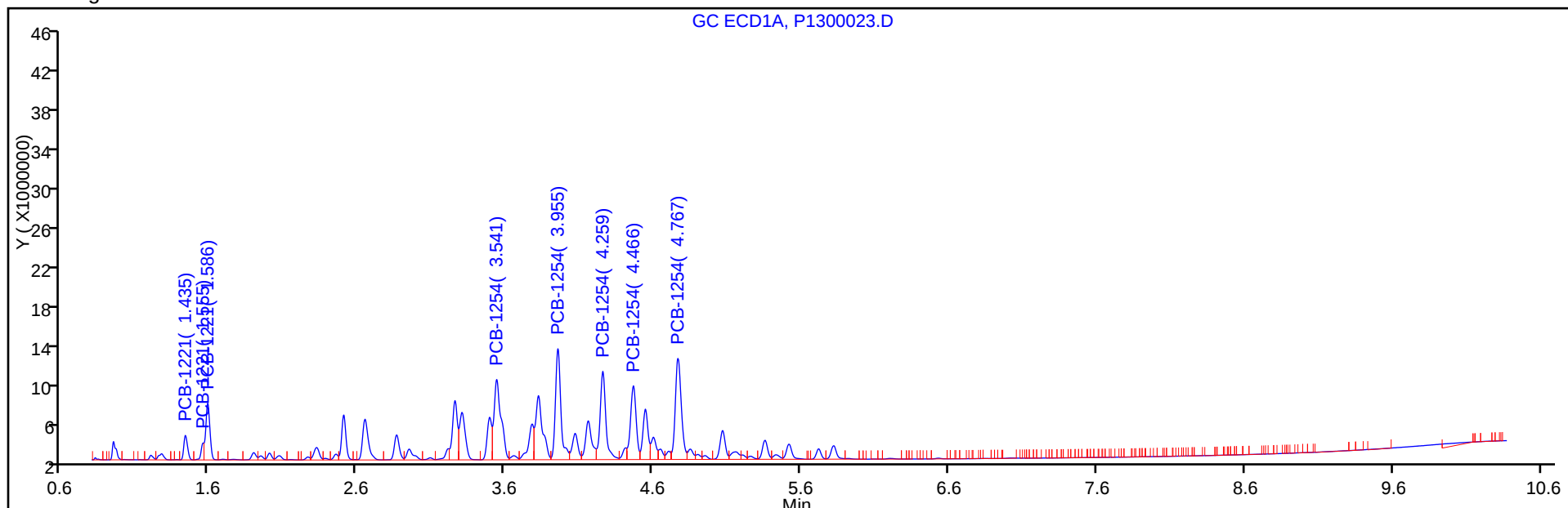
Operator ID:

Injection Vol: 1.0 ul

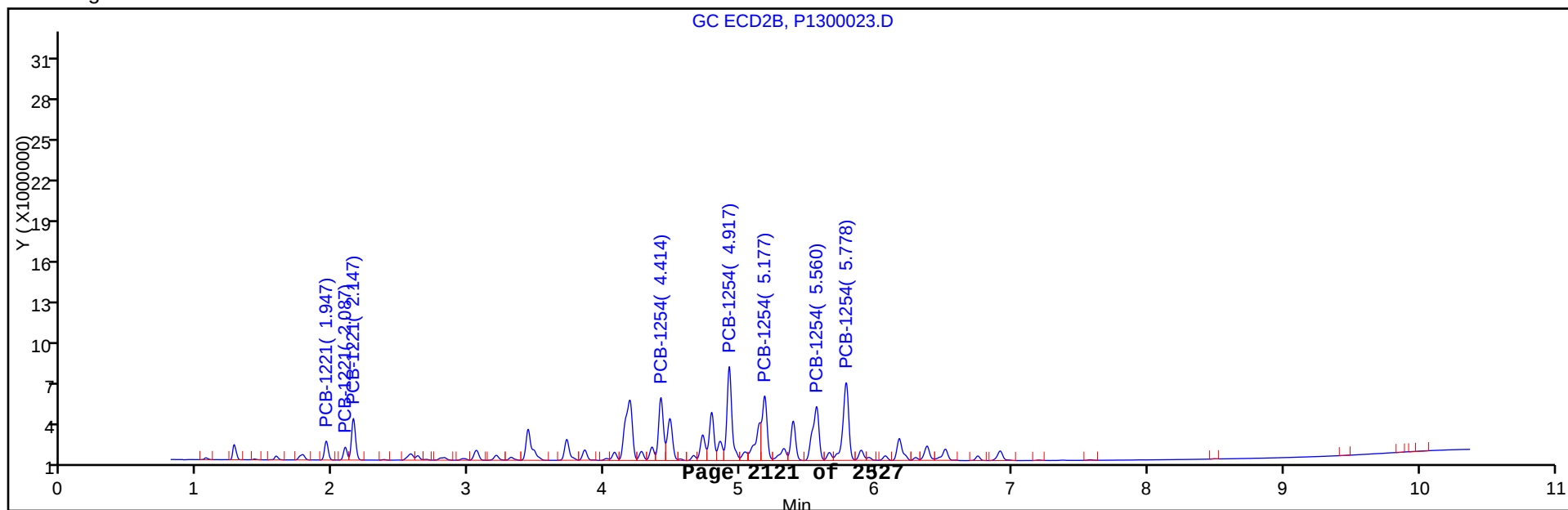
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCChrom\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

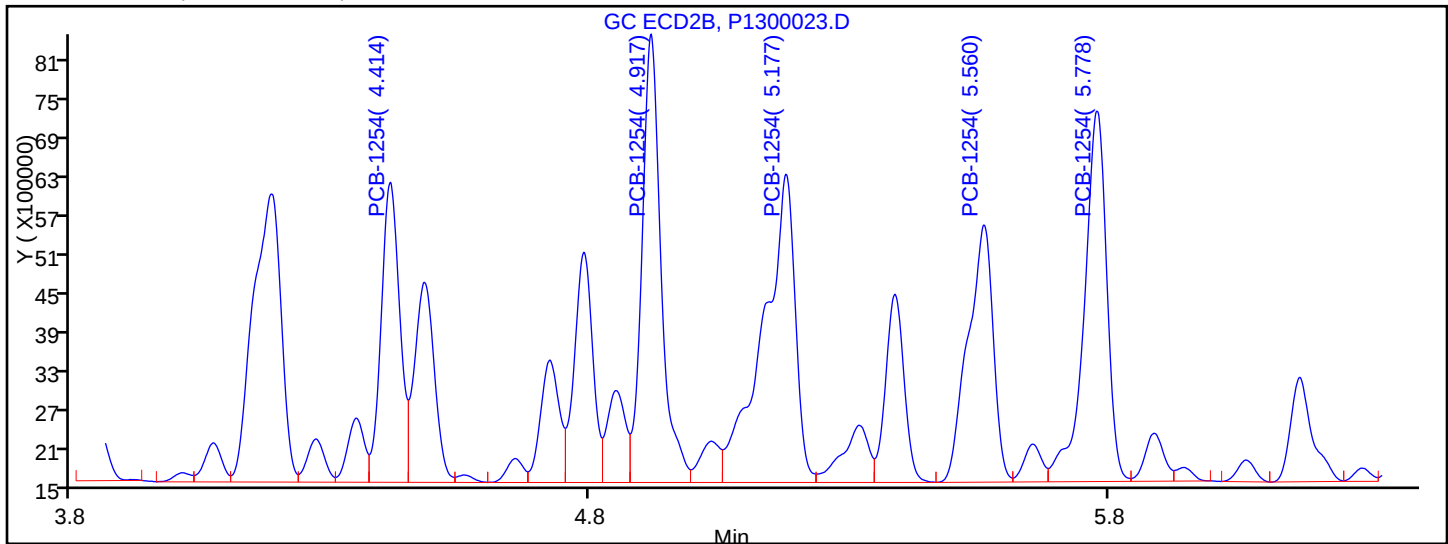
Operator ID:

Injection Vol: 1.0 ul

Column Type:

Column Dia:

8 PCB-1254, Detector: 2, GC ecd2b



Processing Integration Results

RT = 4.414 Response = 11477419

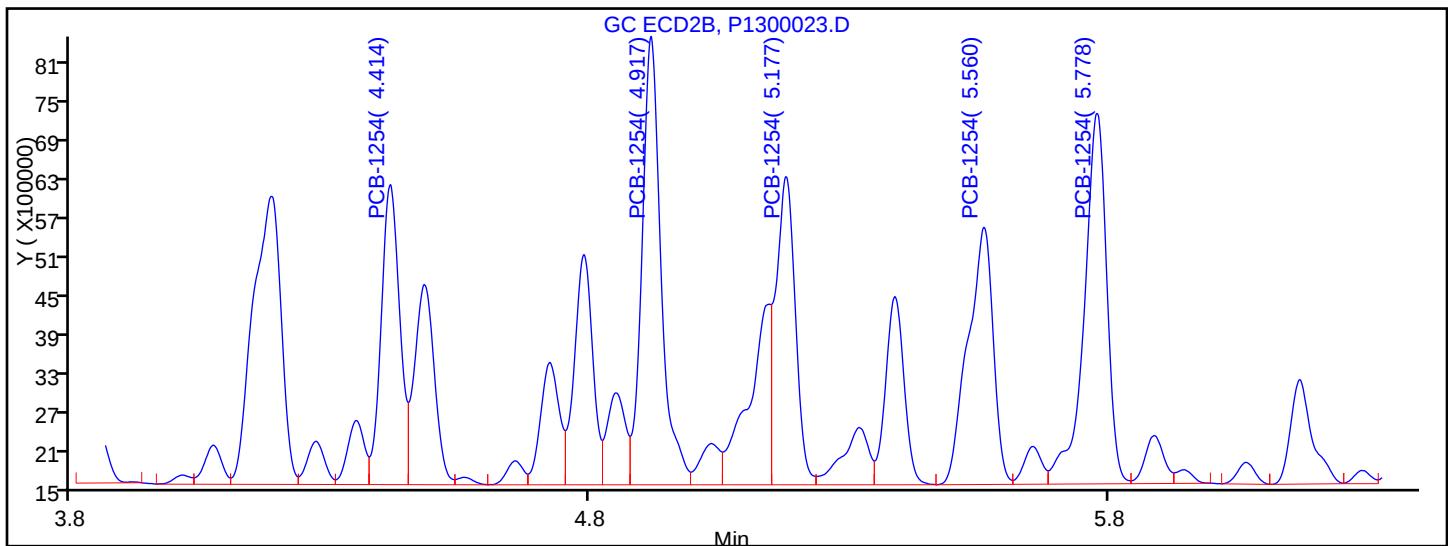
RT = 4.917 Response = 17676021

RT = 5.177 Response = 20475786

RT = 5.560 Response = 13430677

RT = 5.778 Response = 17343772

M



Manual Integration Results

RT = 4.414 Response = 11477419

RT = 4.917 Response = 17676021

RT = 5.177 Response = 12195047

RT = 5.560 Response = 13430677

RT = 5.778 Response = 17343772

M

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D

Injection Date: 21-Oct-2012 22:06:41

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 62068

Lims Sample ID: 24

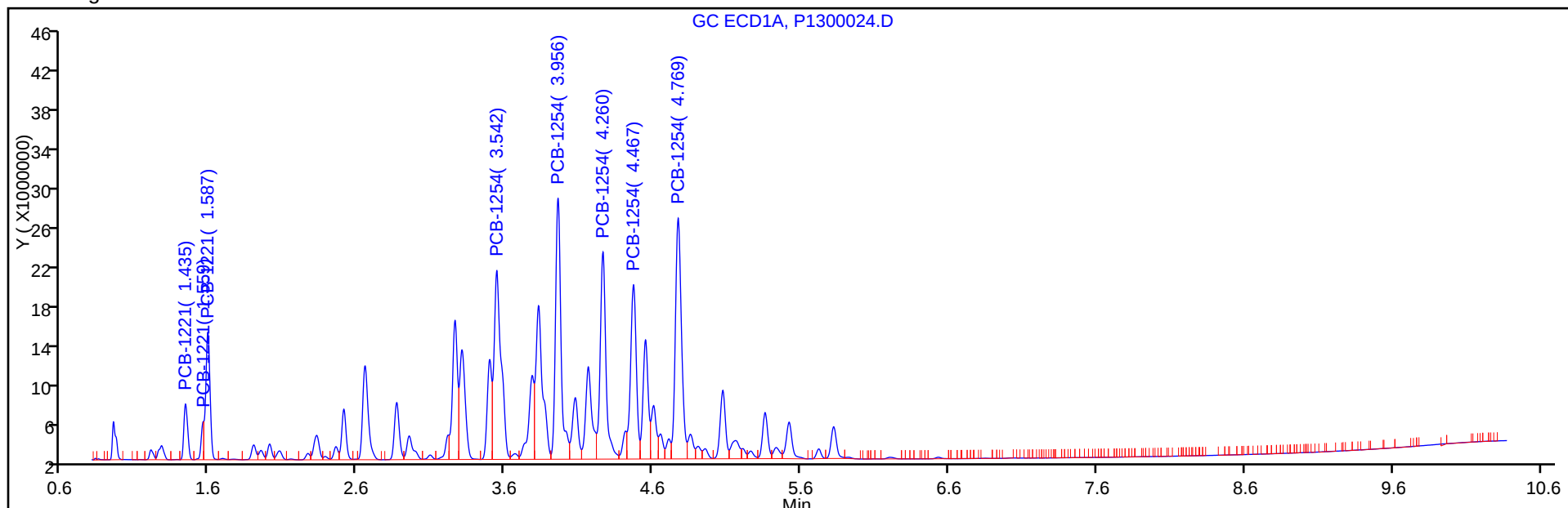
Operator ID:

Injection Vol: 1.0 ul

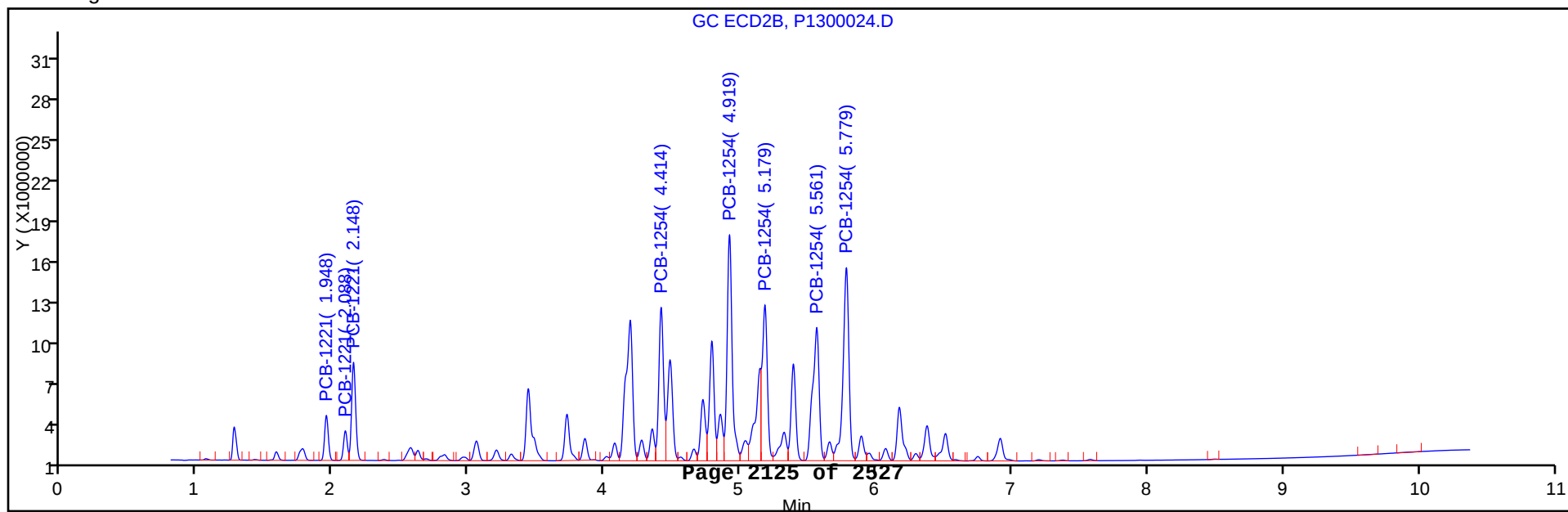
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

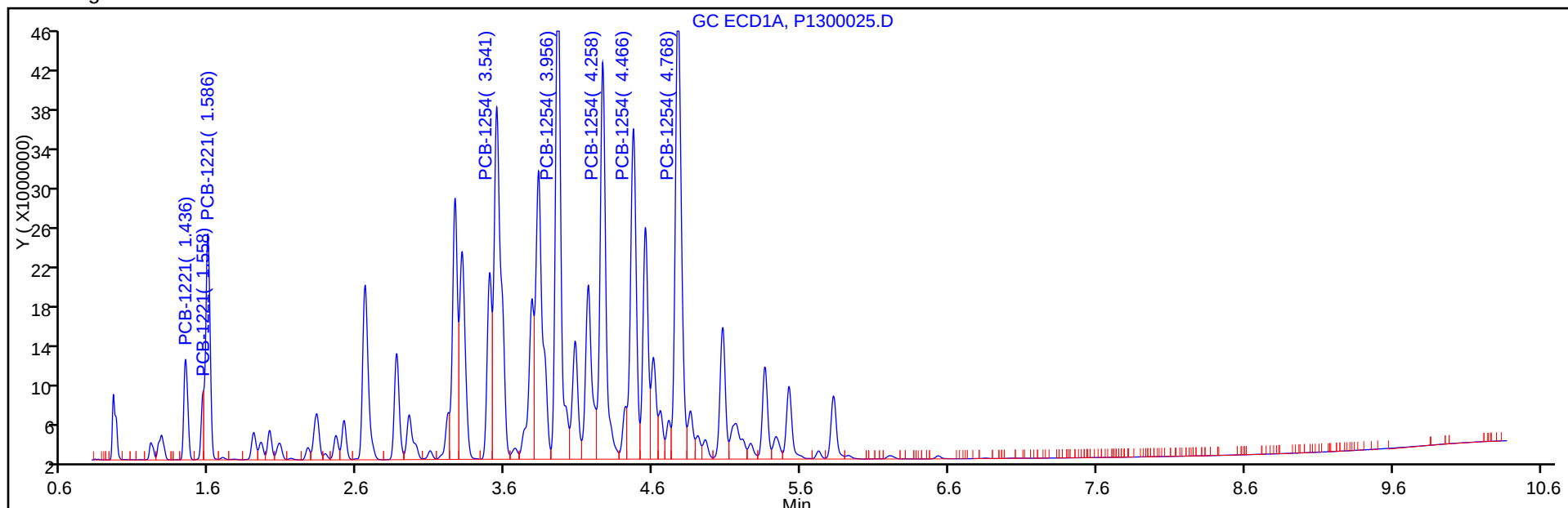
Operator ID:

Injection Vol: 1.0 ul

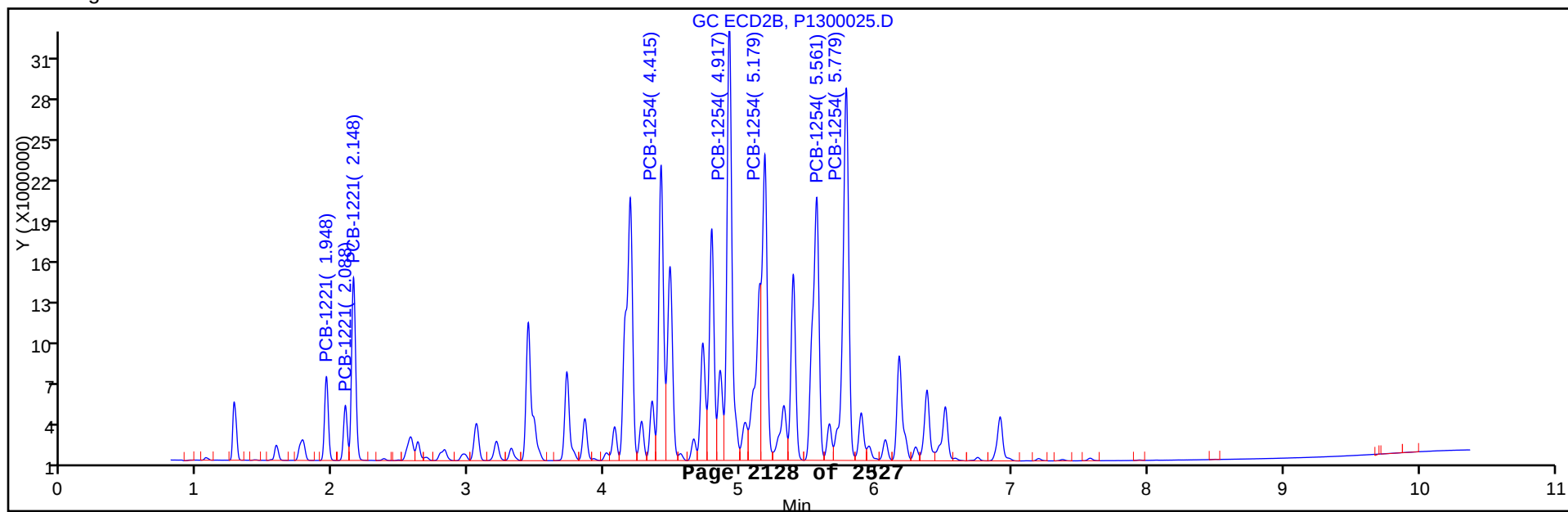
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

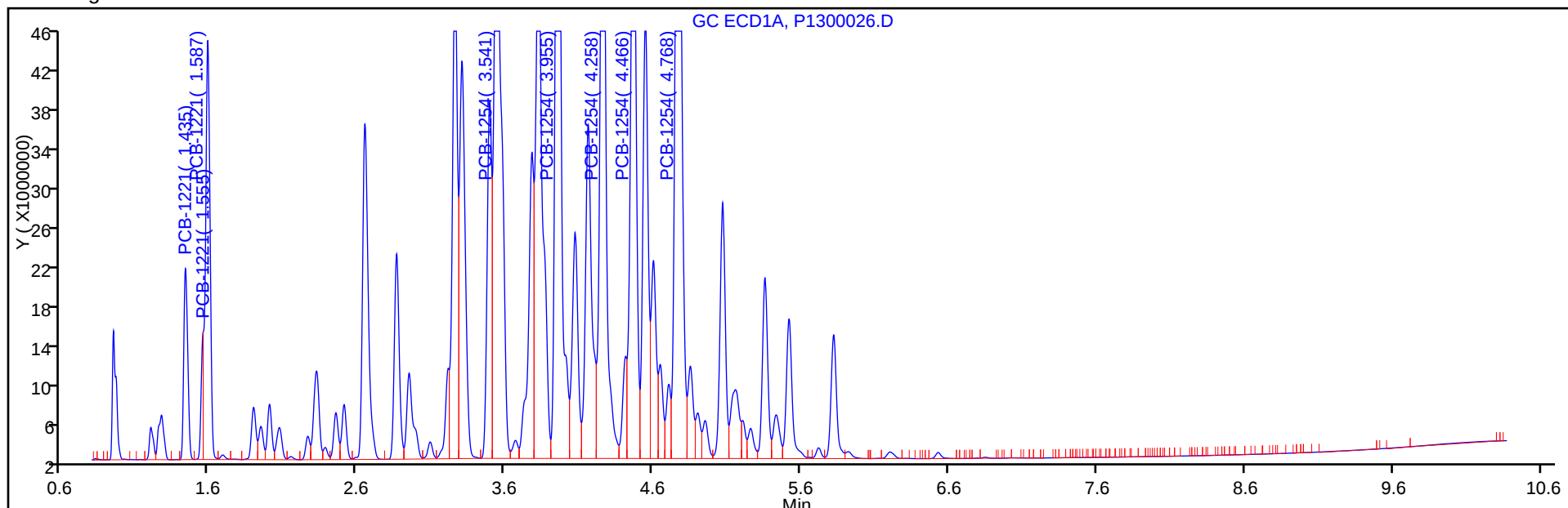
Operator ID:

Injection Vol: 1.0 ul

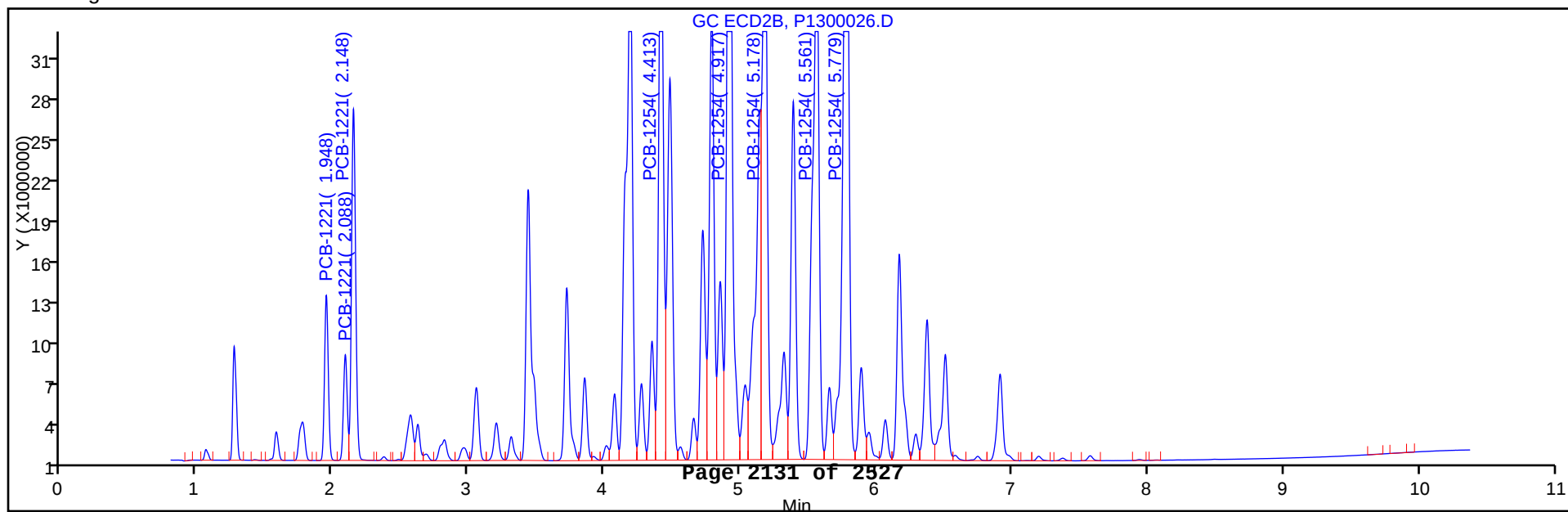
Column Type:

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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

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

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

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

Data File: \\NCCChrom\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

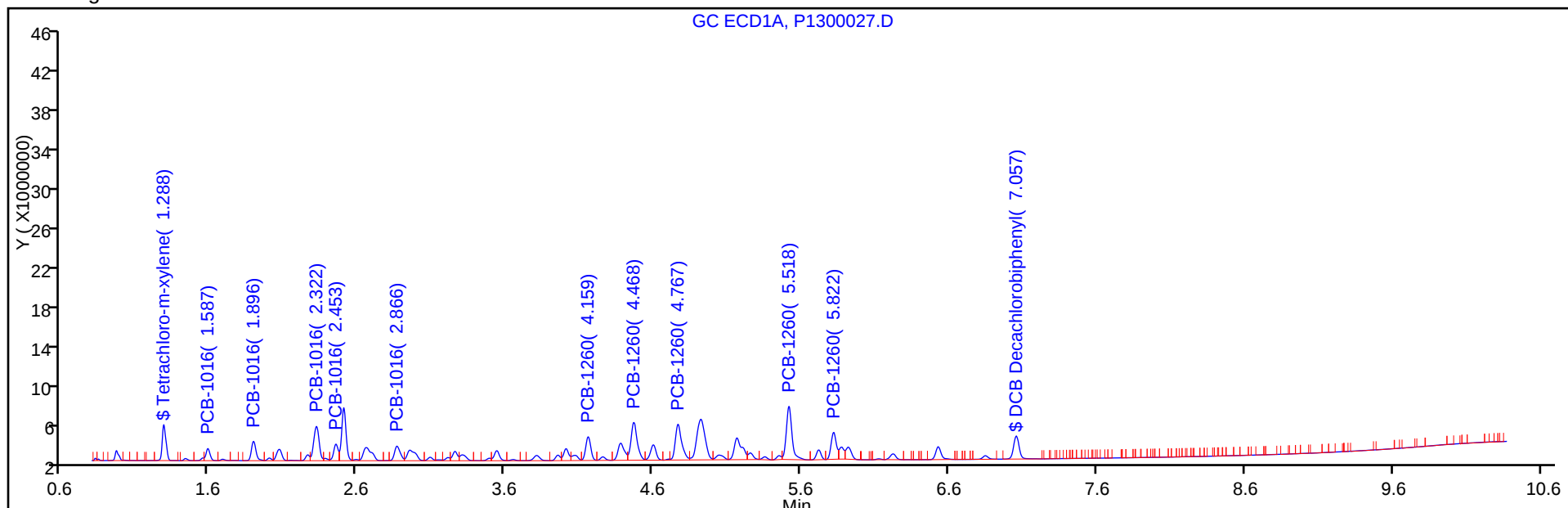
Operator ID:

Injection Vol: 1.0 ul

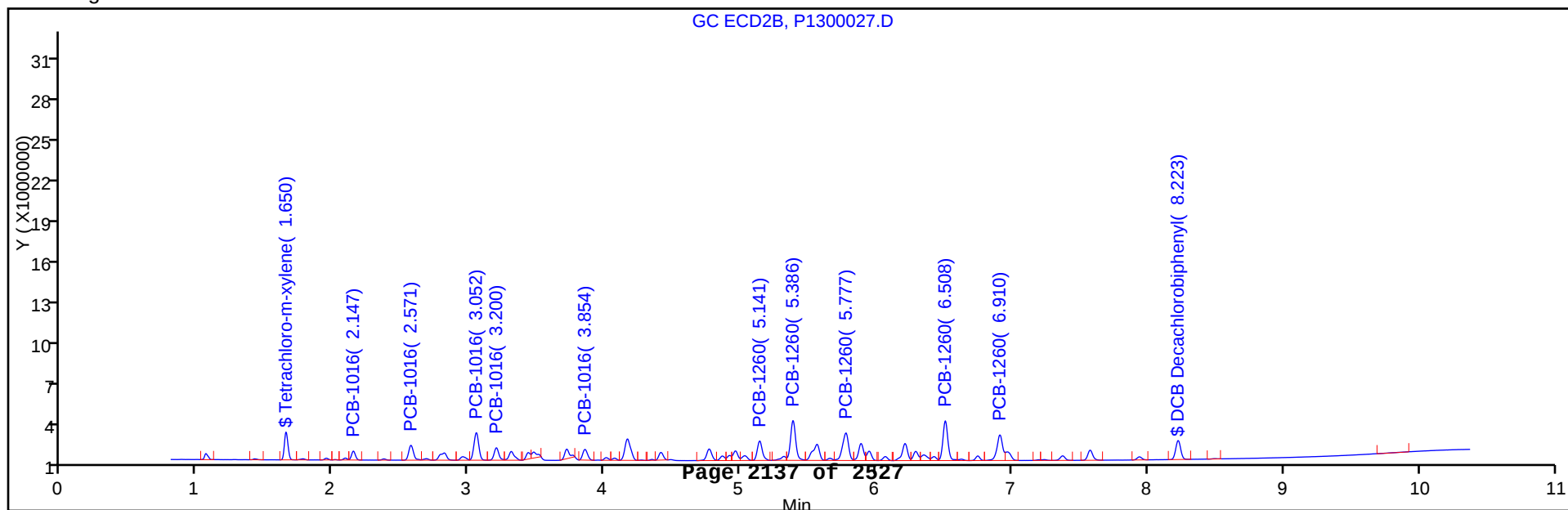
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

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

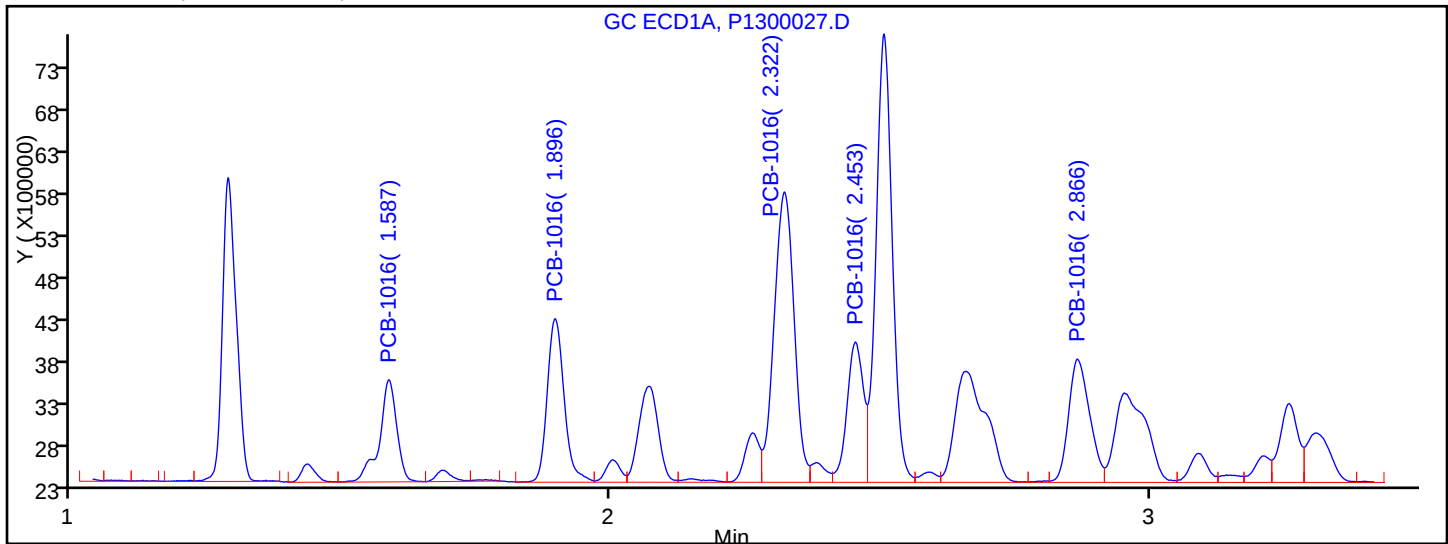
Operator ID:

Injection Vol: 1.0 ul

Column Type:

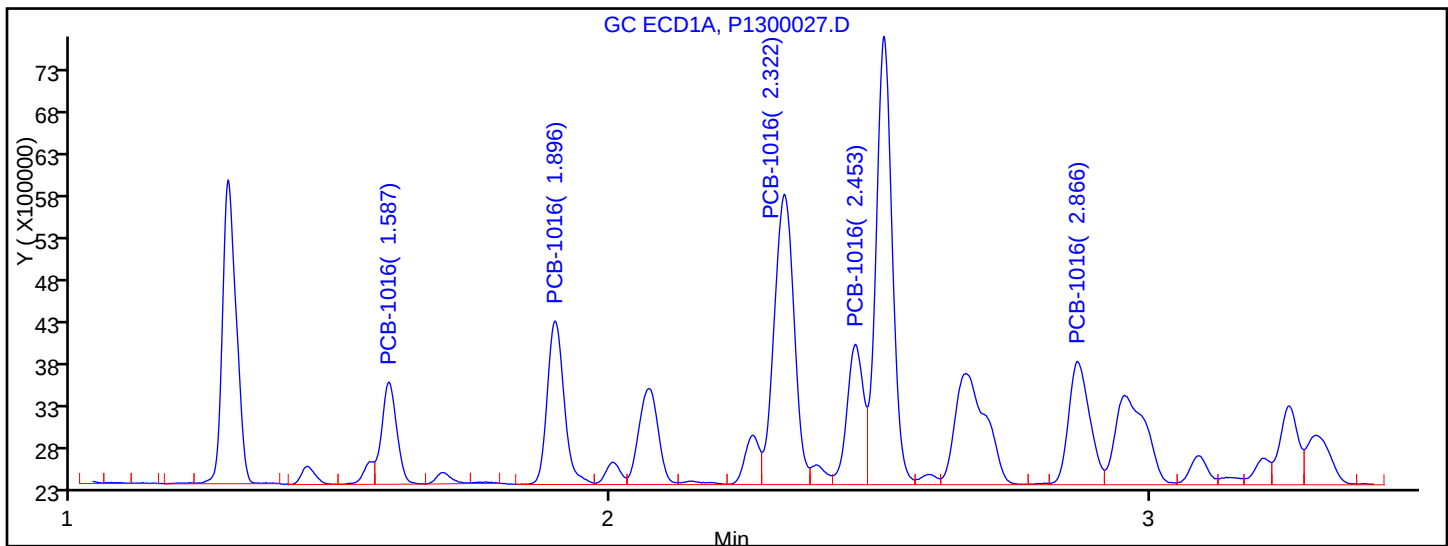
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

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

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

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

Data File: \\NCCChrom\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

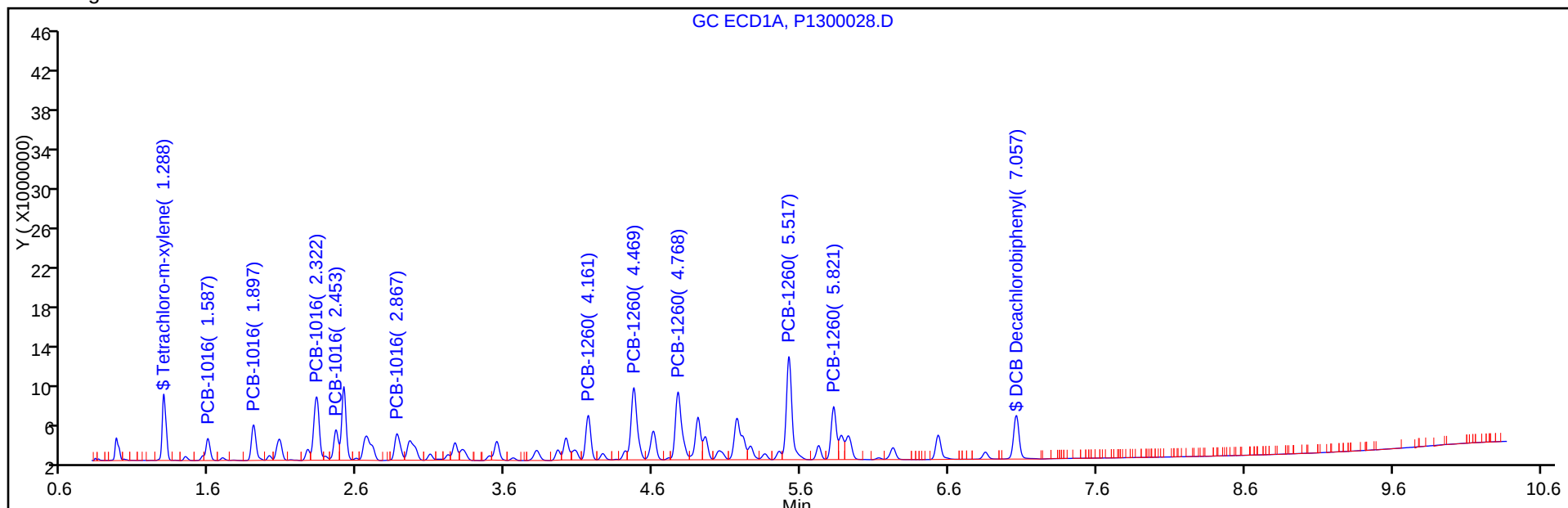
Operator ID:

Injection Vol: 1.0 ul

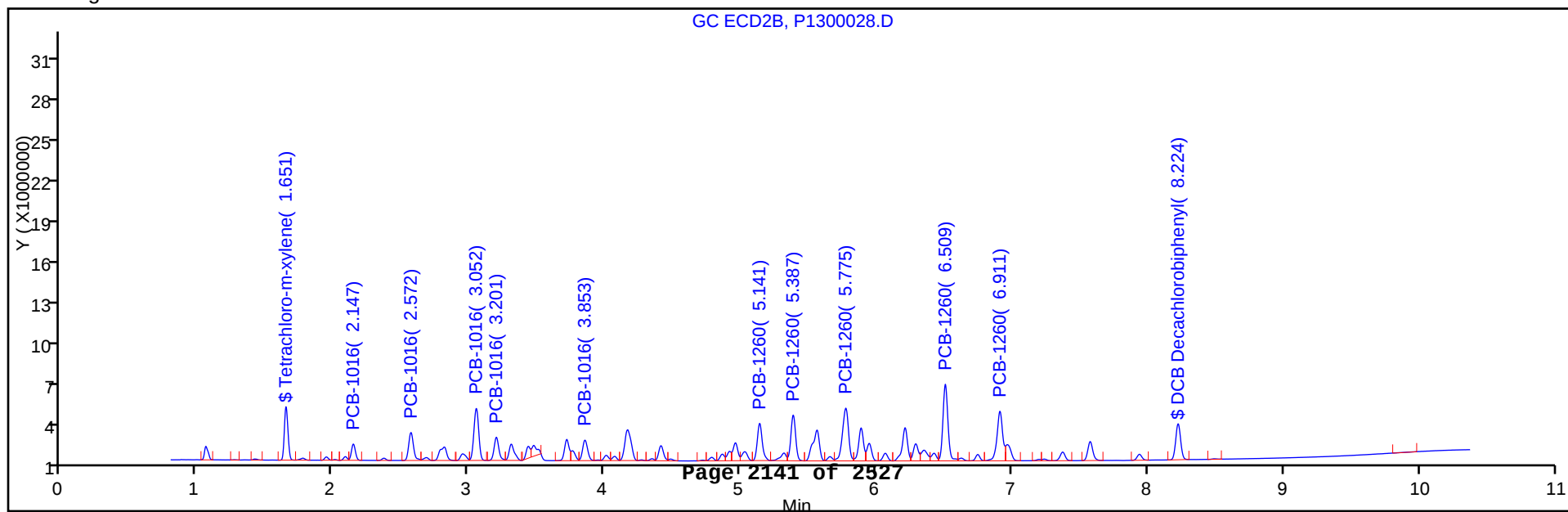
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

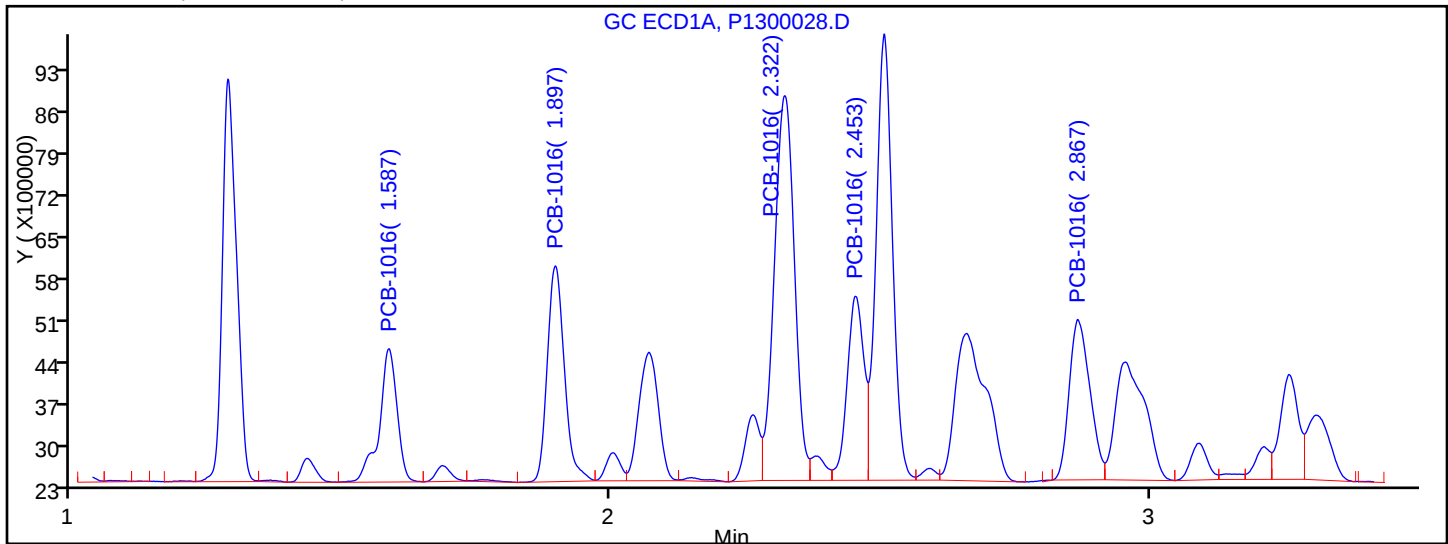
Operator ID:

Injection Vol: 1.0 ul

Column Type:

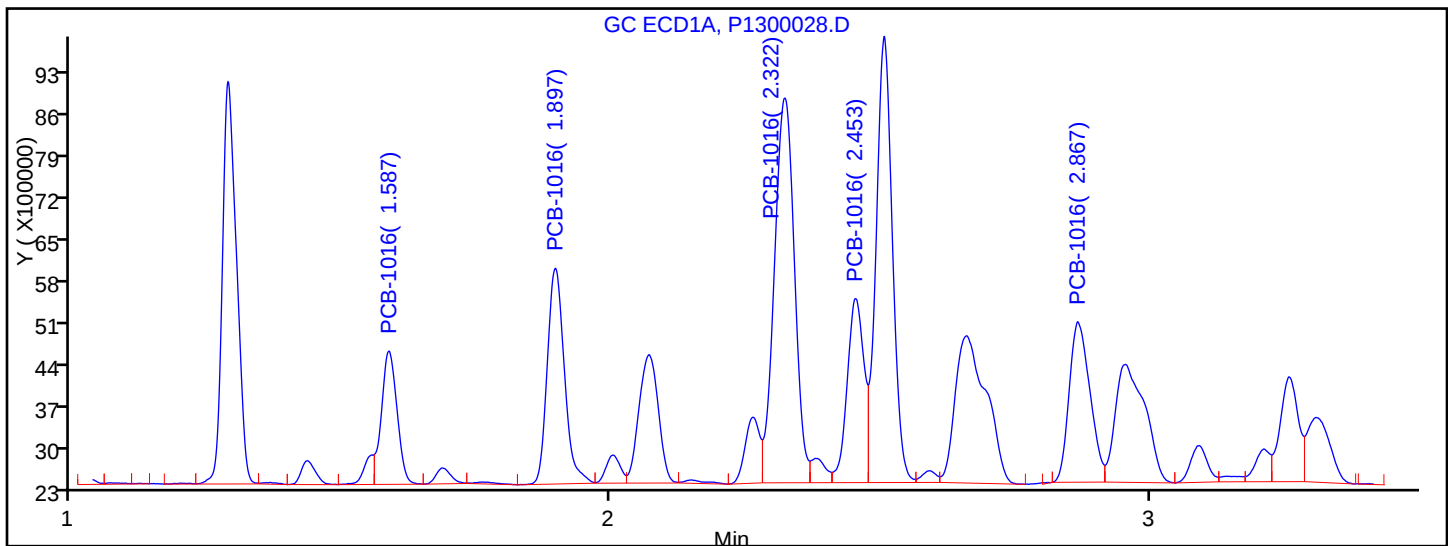
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

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

Data File: \\NCCChrom\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

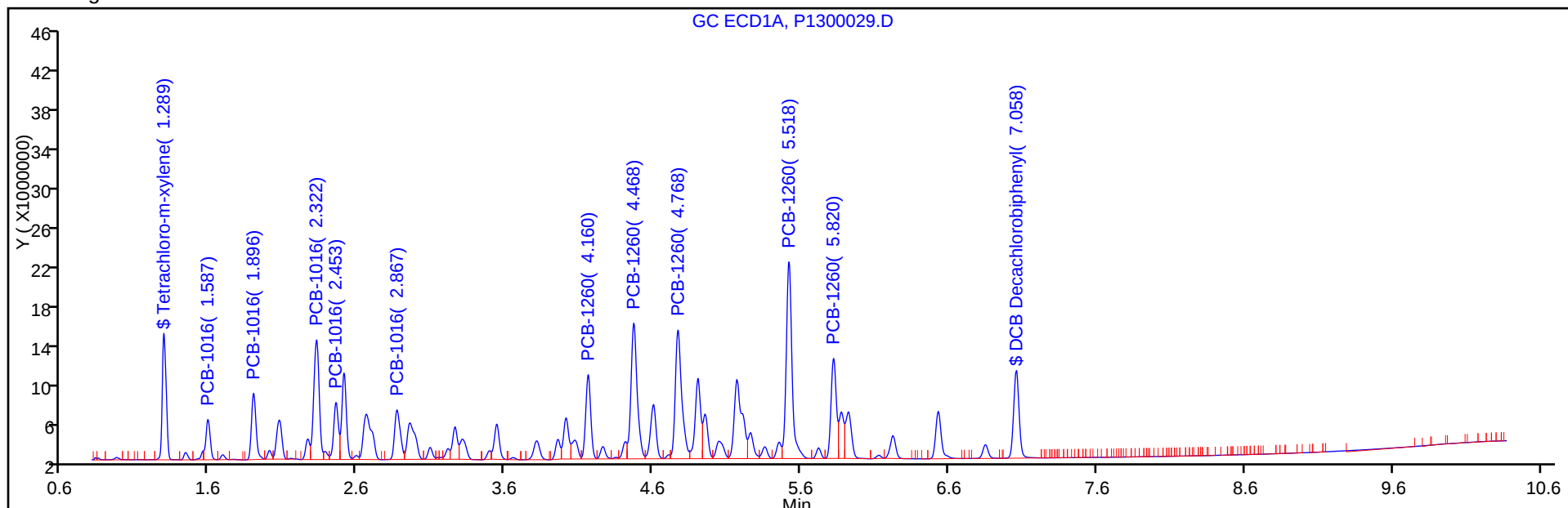
Operator ID:

Injection Vol: 1.0 ul

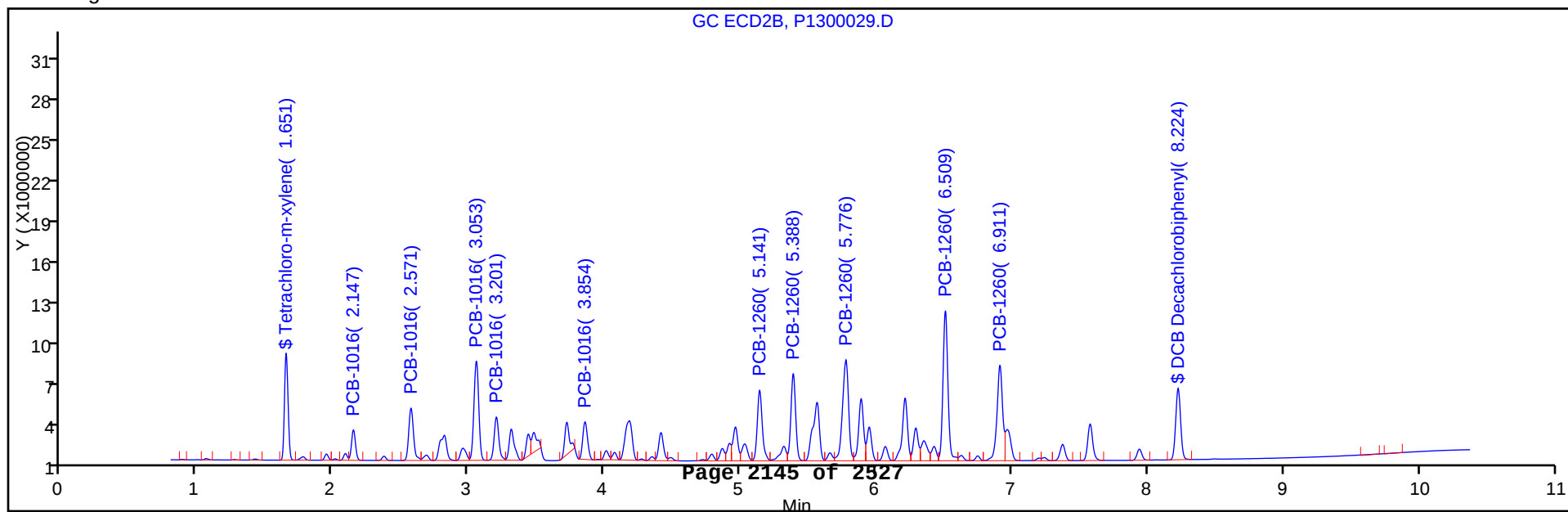
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

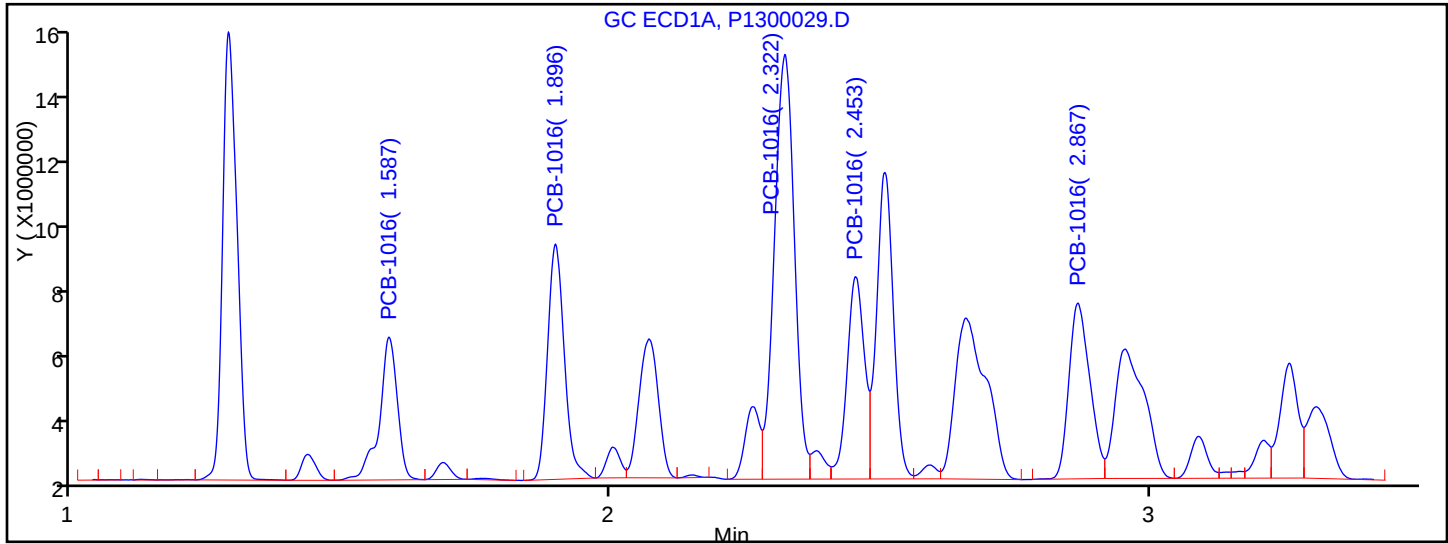
Operator ID:

Injection Vol: 1.0 ul

Column Type:

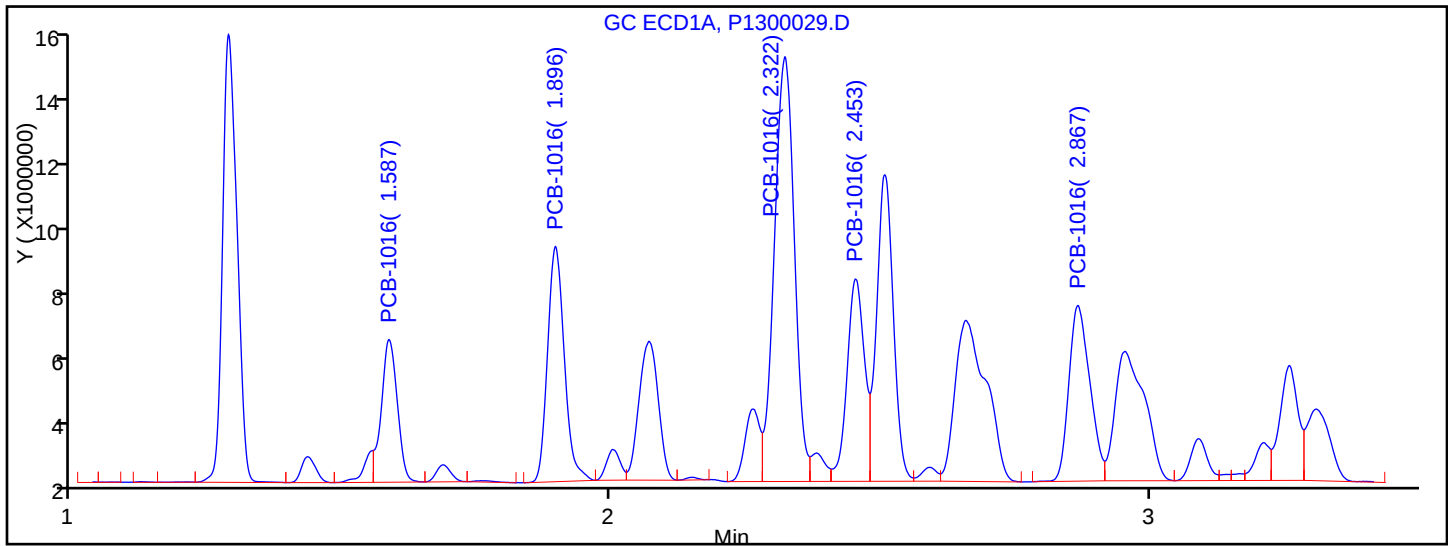
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

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

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

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: \\NCCChrom\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

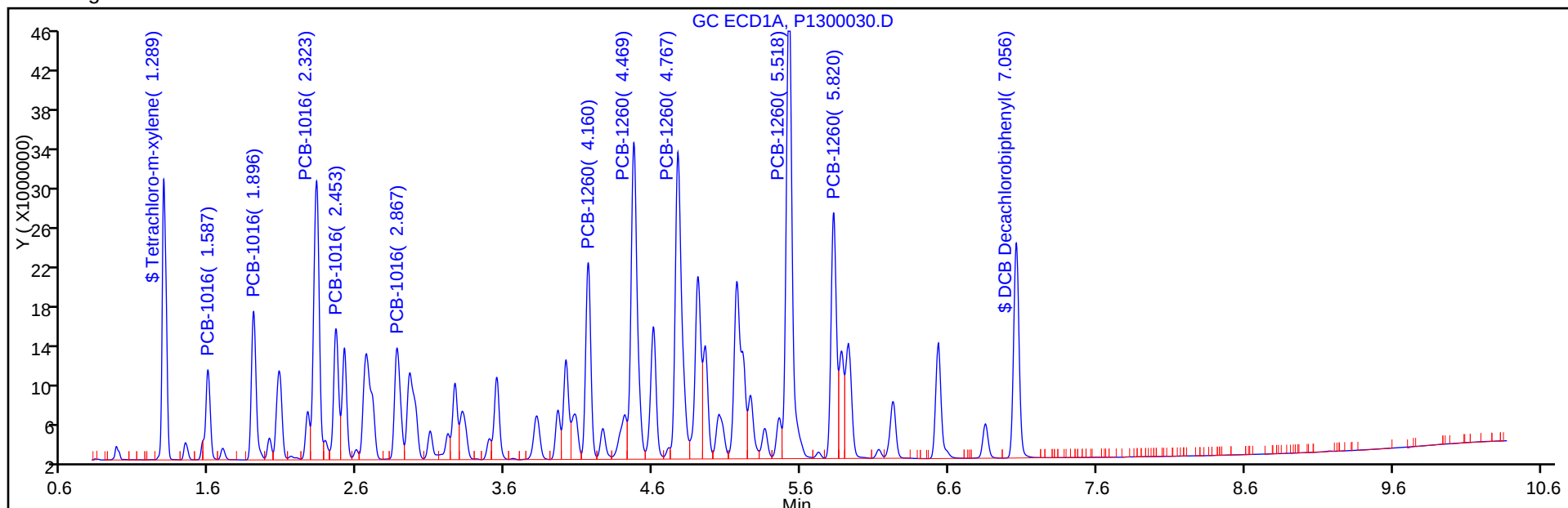
Operator ID:

Injection Vol: 1.0 ul

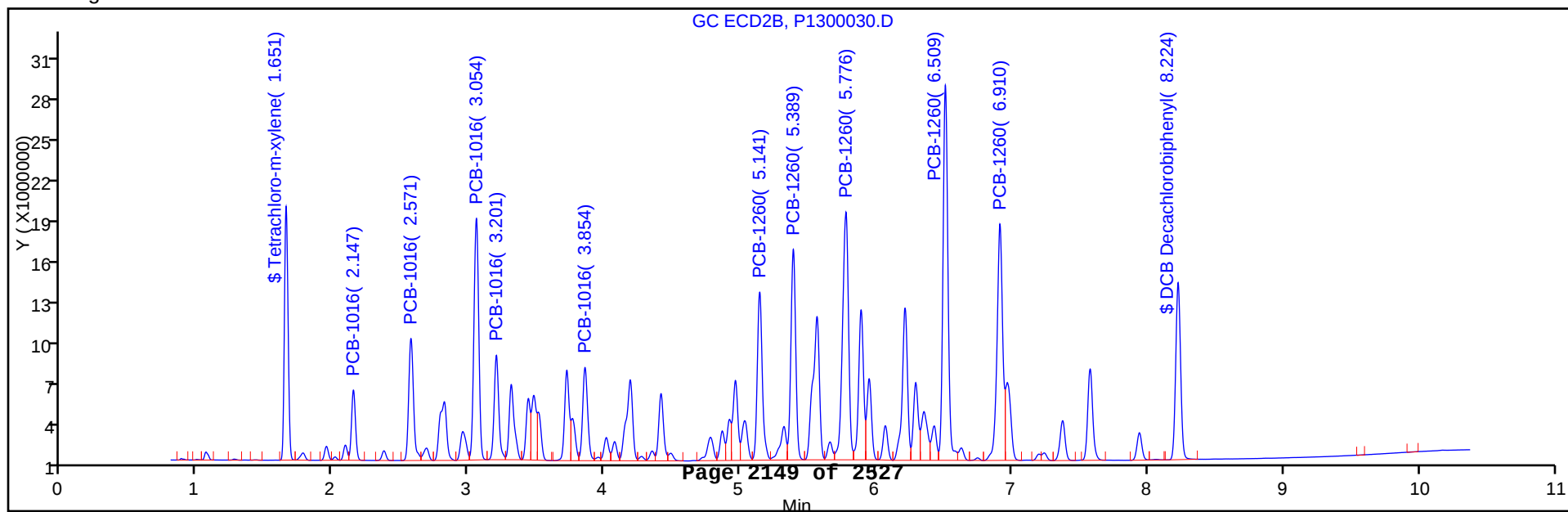
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCchrom\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

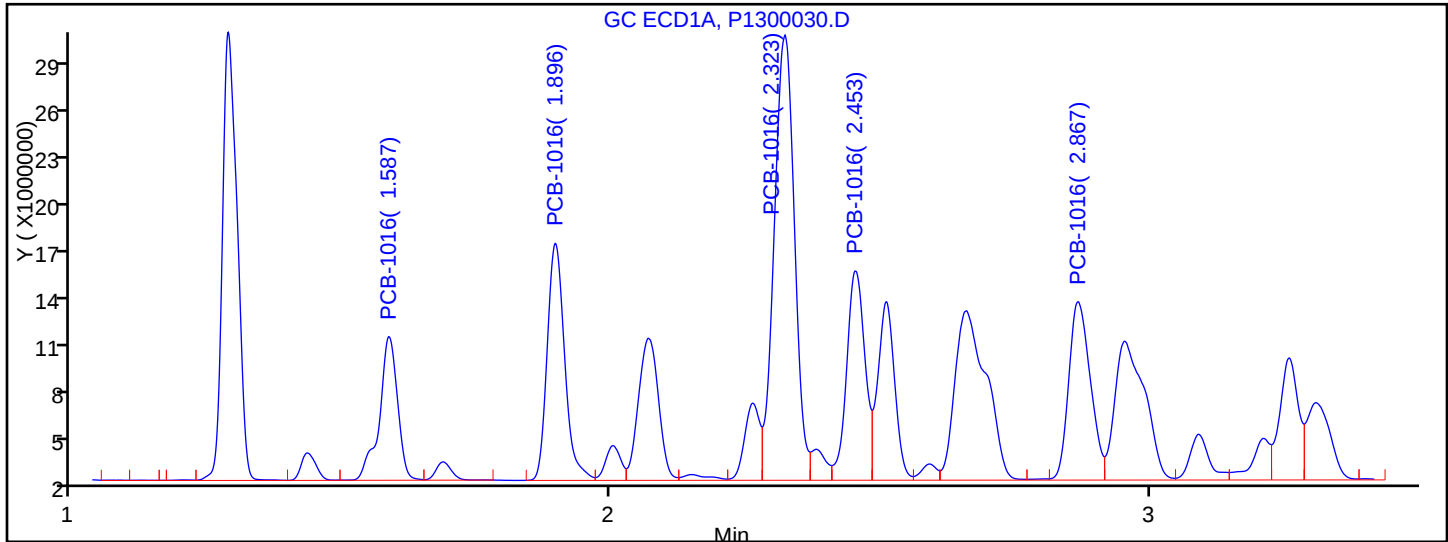
Operator ID:

Injection Vol: 1.0 ul

Column Type:

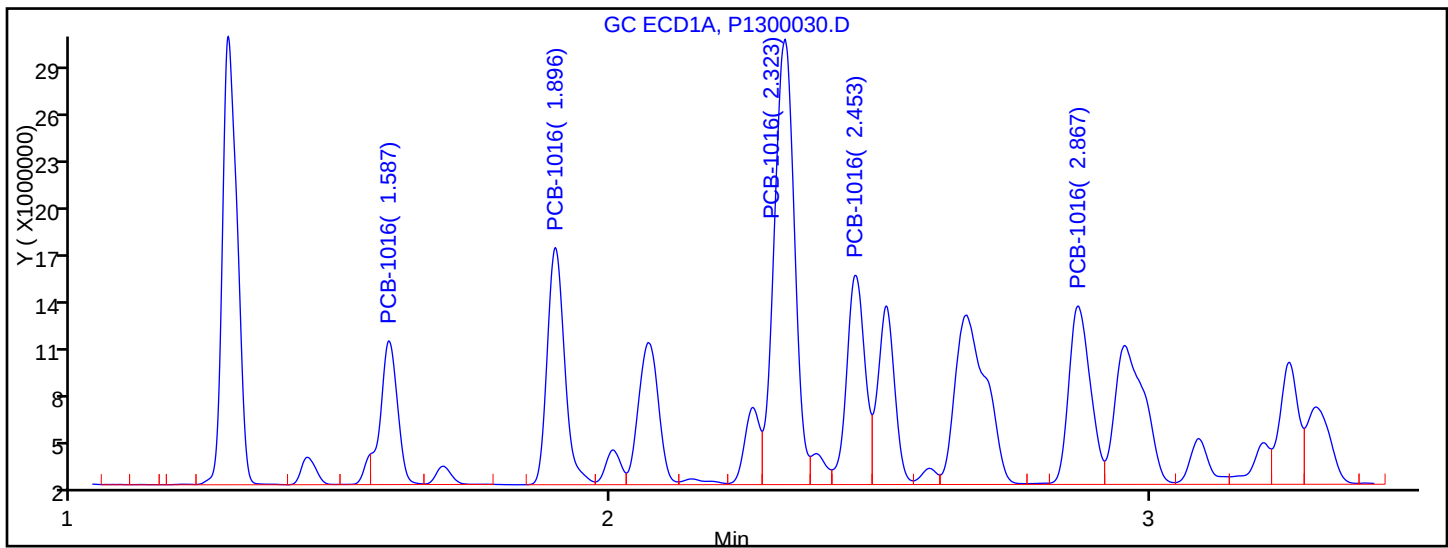
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

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

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

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: \\NCCChrom\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

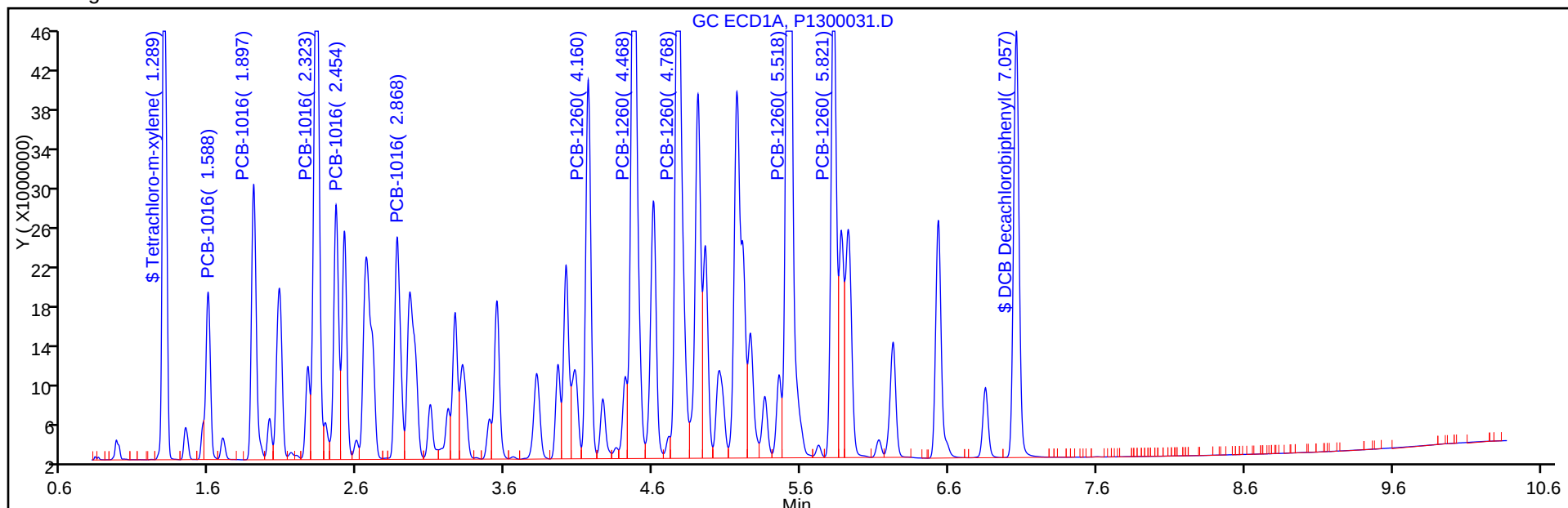
Operator ID:

Injection Vol: 1.0 ul

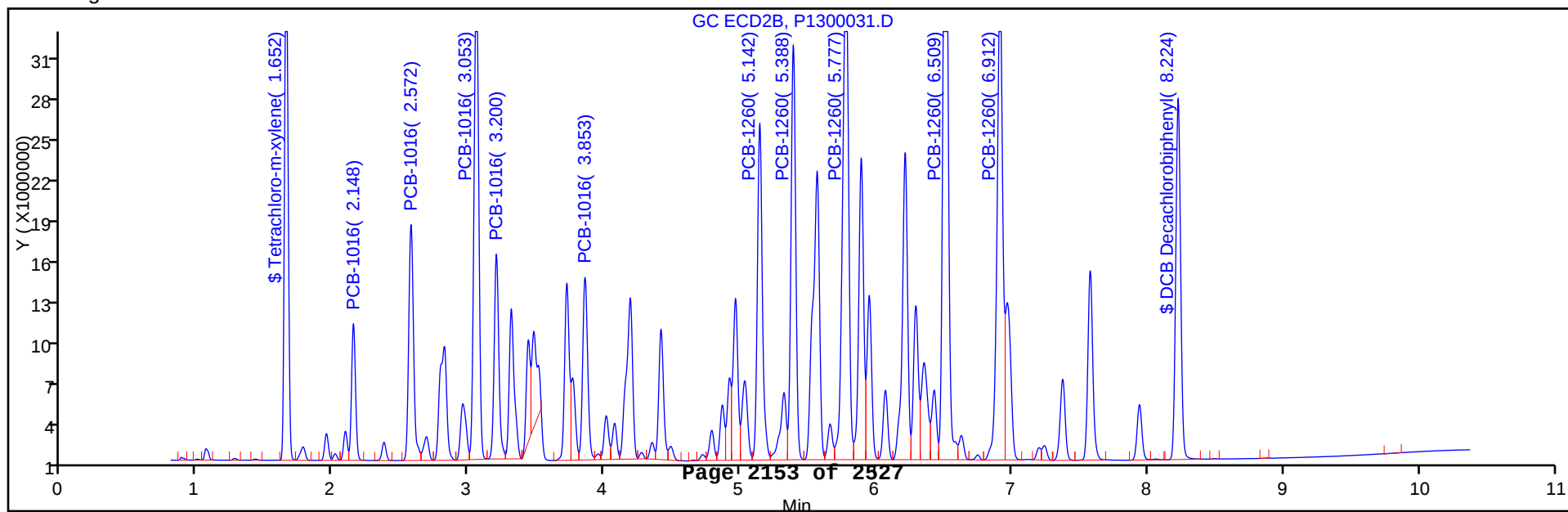
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

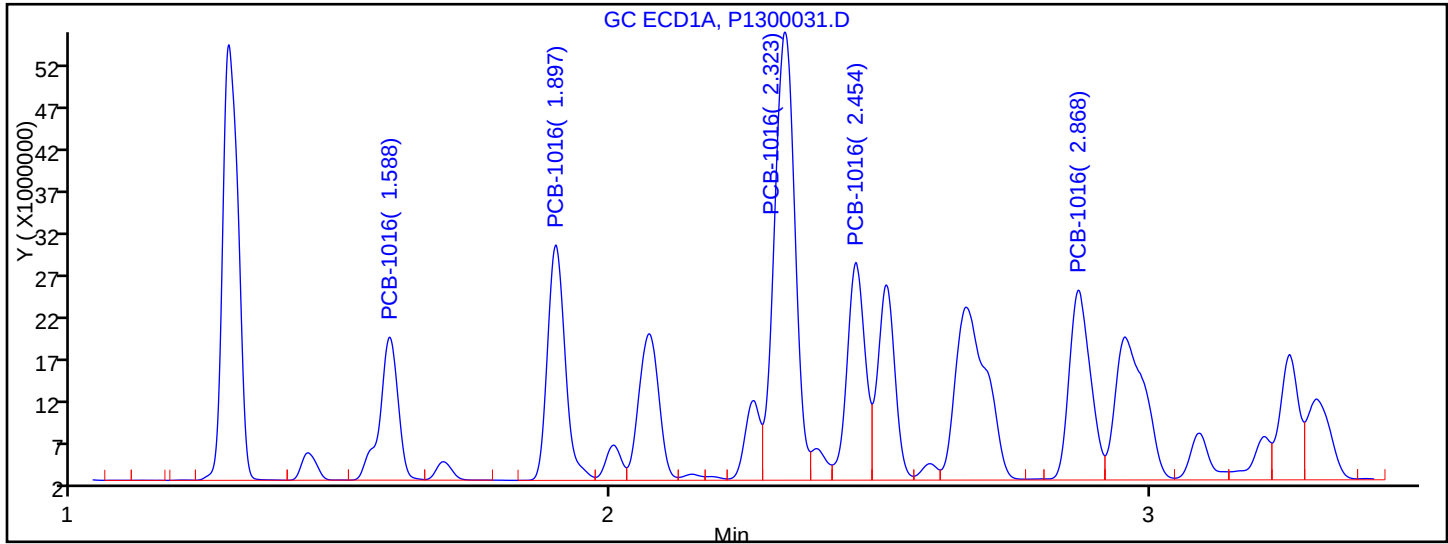
Operator ID:

Injection Vol: 1.0 ul

Column Type:

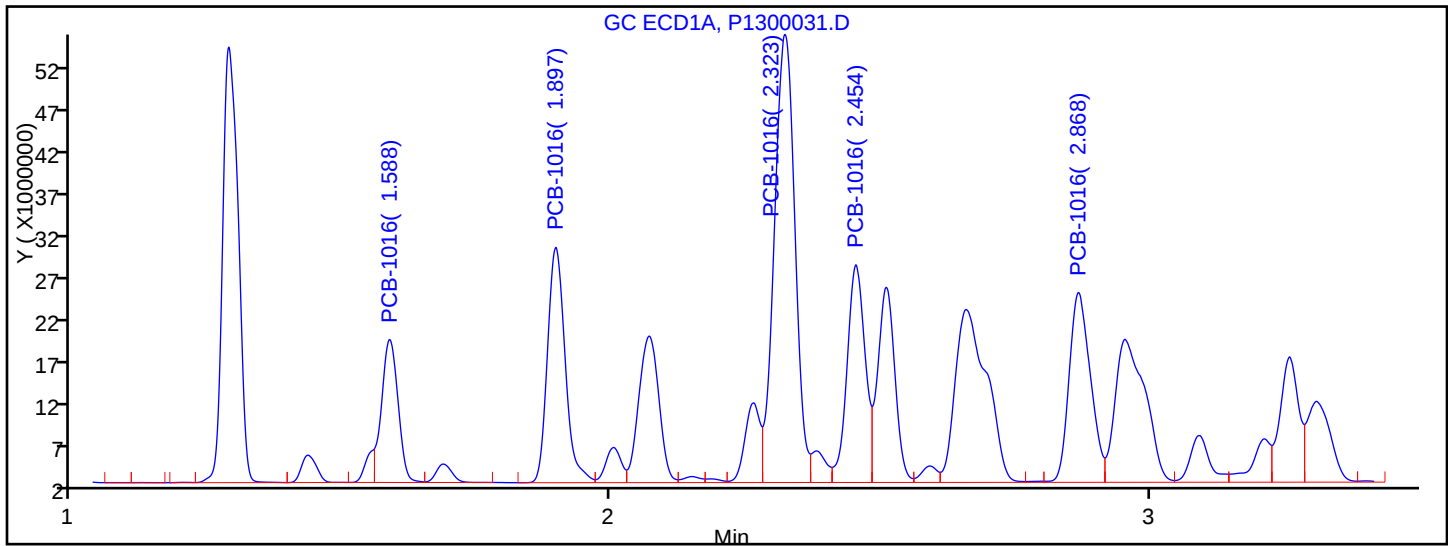
Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

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

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

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: \\NCCChrom\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

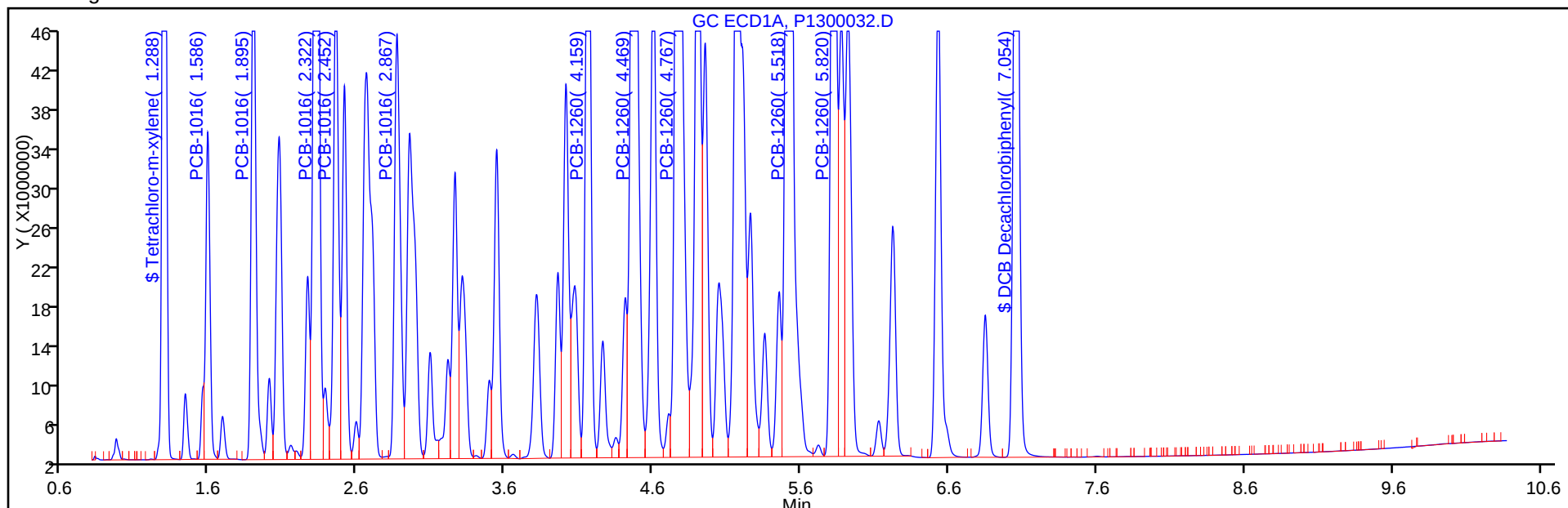
Operator ID:

Injection Vol: 1.0 ul

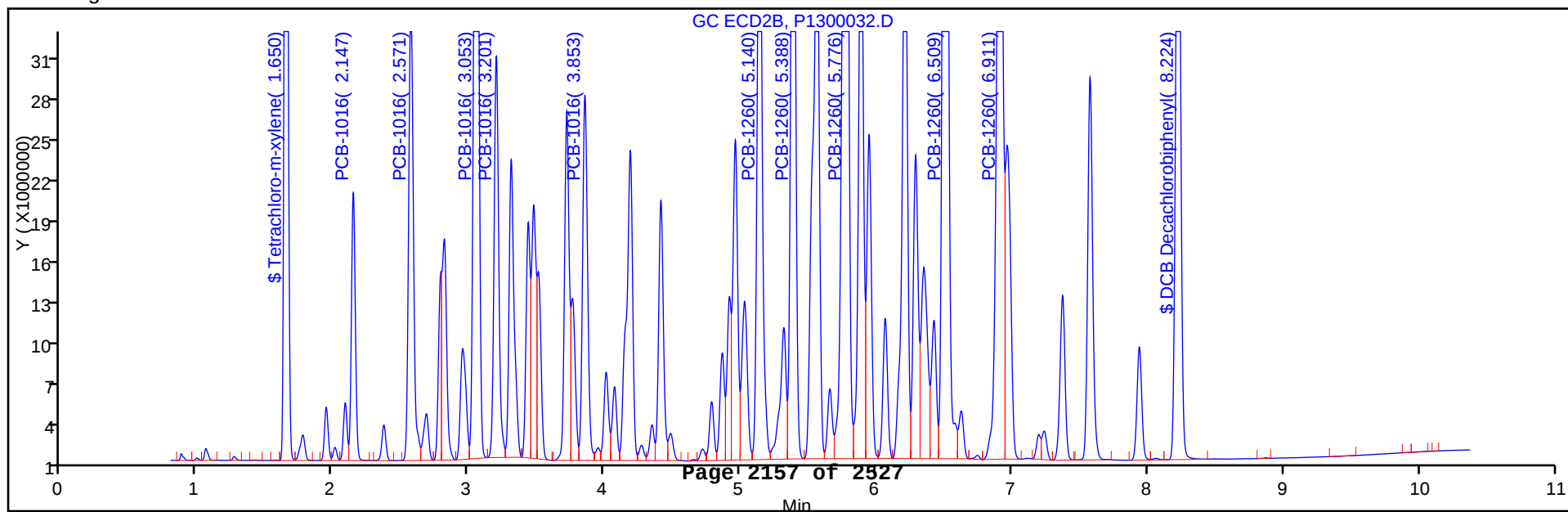
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

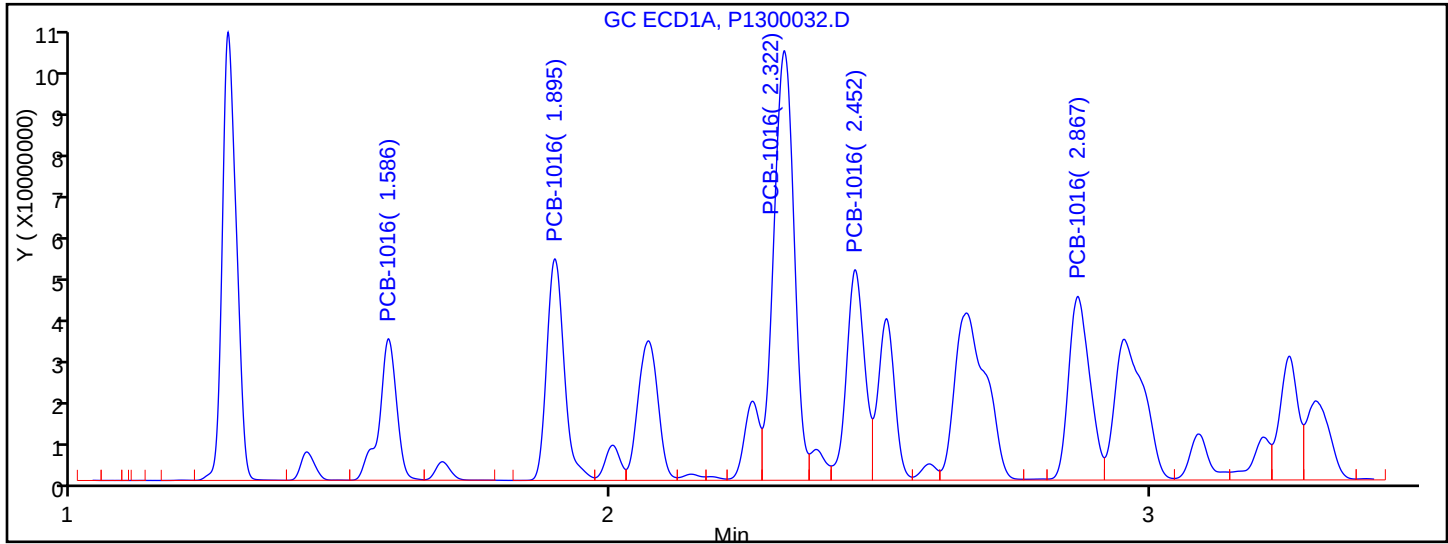
Operator ID:

Injection Vol: 1.0 ul

Column Type:

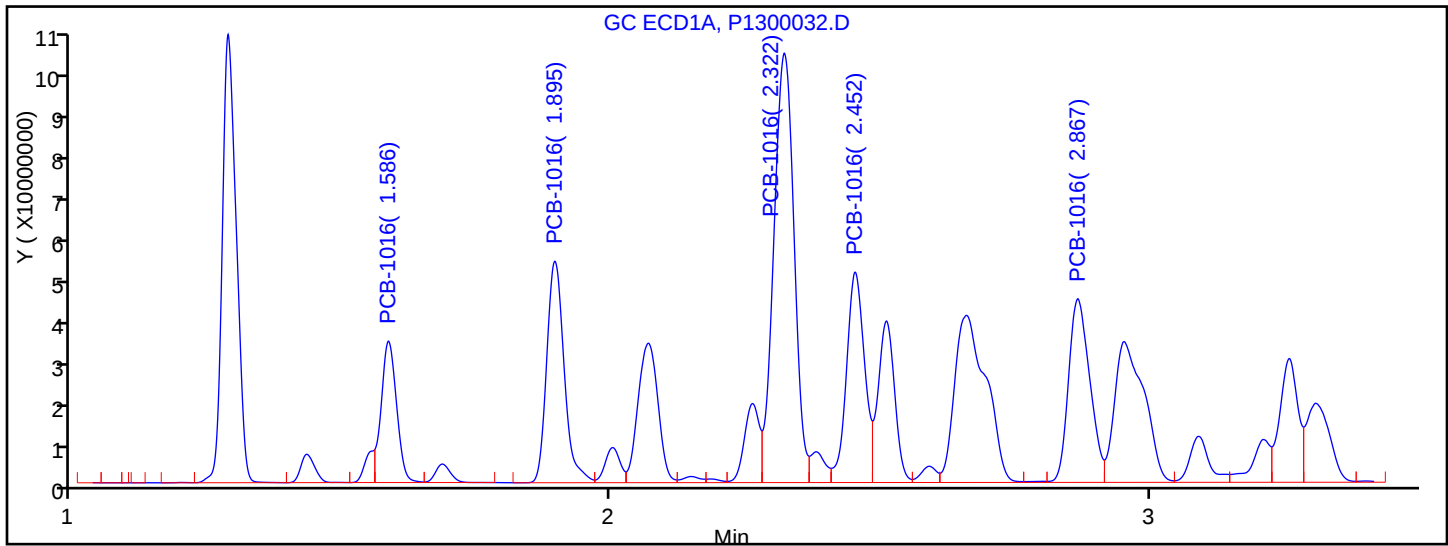
Column Dia:

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.: 240-17768-1 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.: 240-17768-1 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.: 240-17768-1 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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

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

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

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

Data File: \\NCCChrom\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

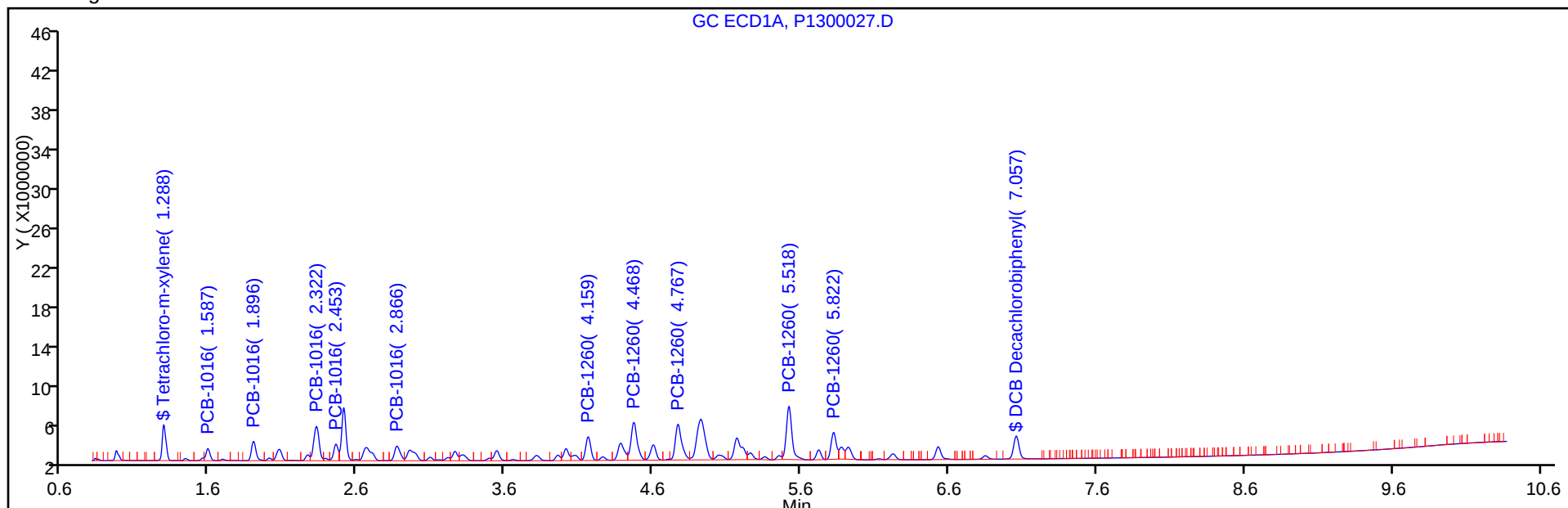
Operator ID:

Injection Vol: 1.0 ul

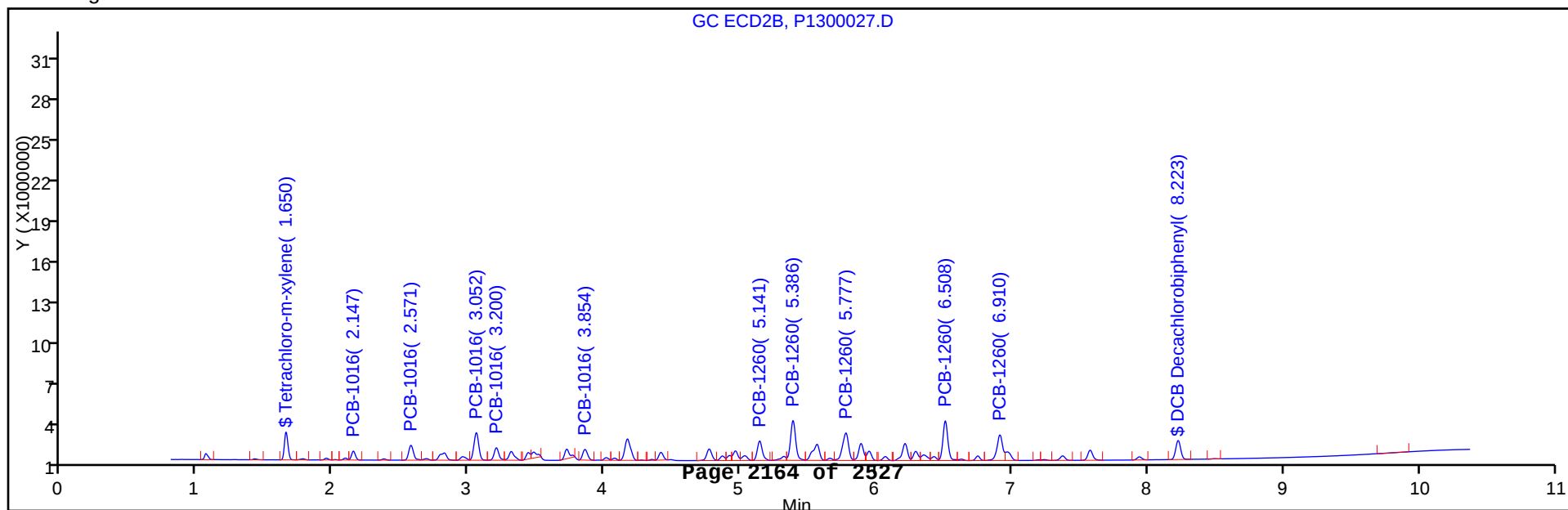
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

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

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

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

Data File: \\NCCChrom\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

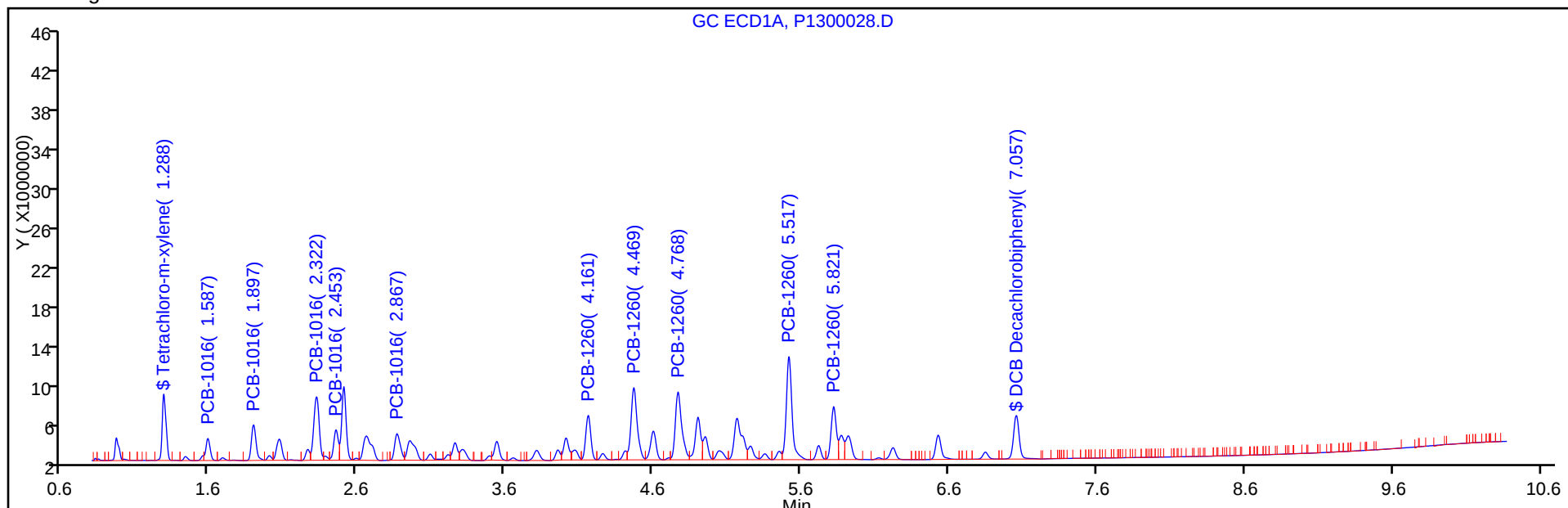
Operator ID:

Injection Vol: 1.0 ul

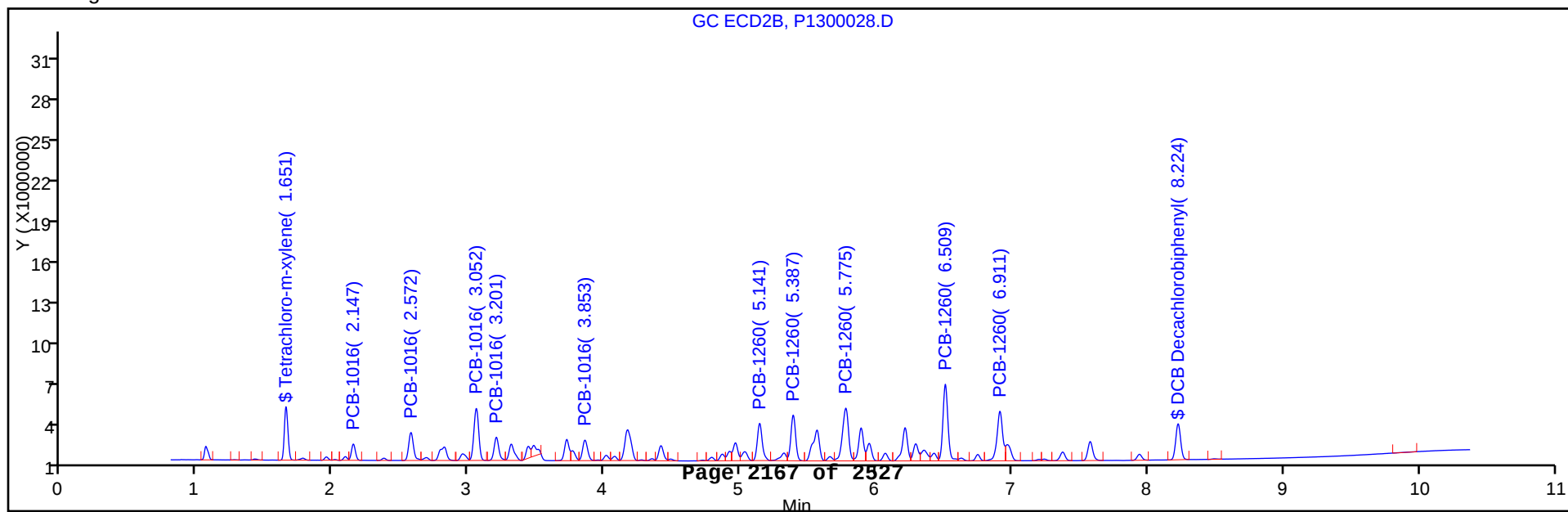
Column Type:

Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

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

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

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

Data File: \\NCCChrom\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

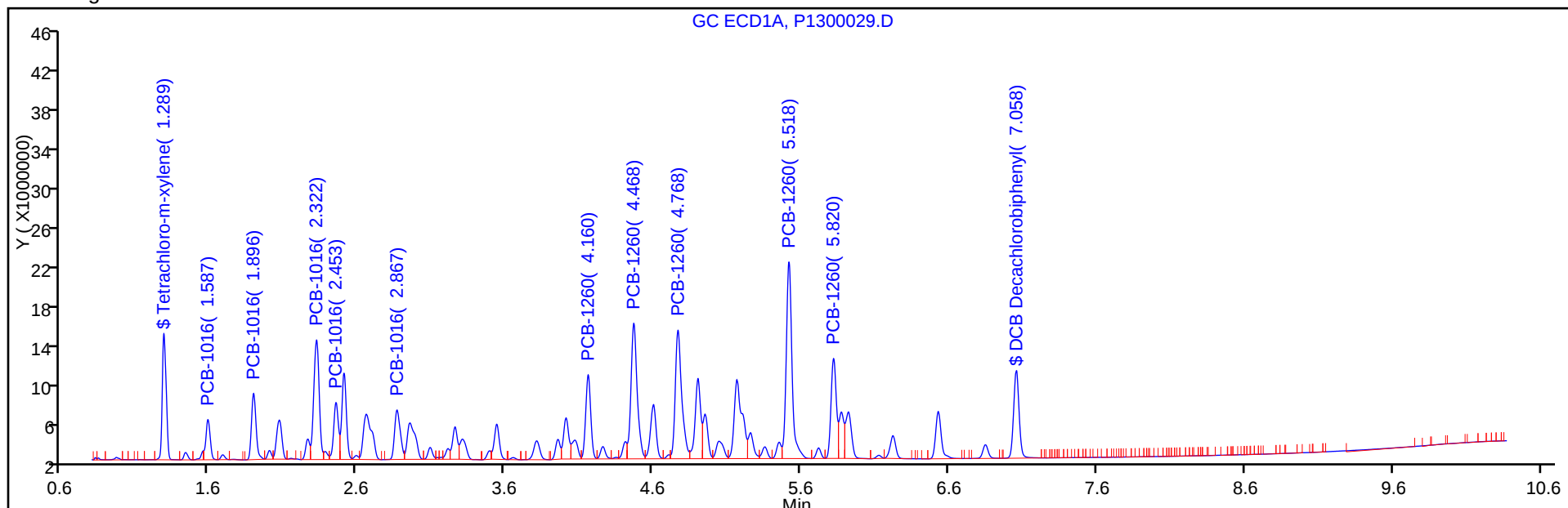
Operator ID:

Injection Vol: 1.0 ul

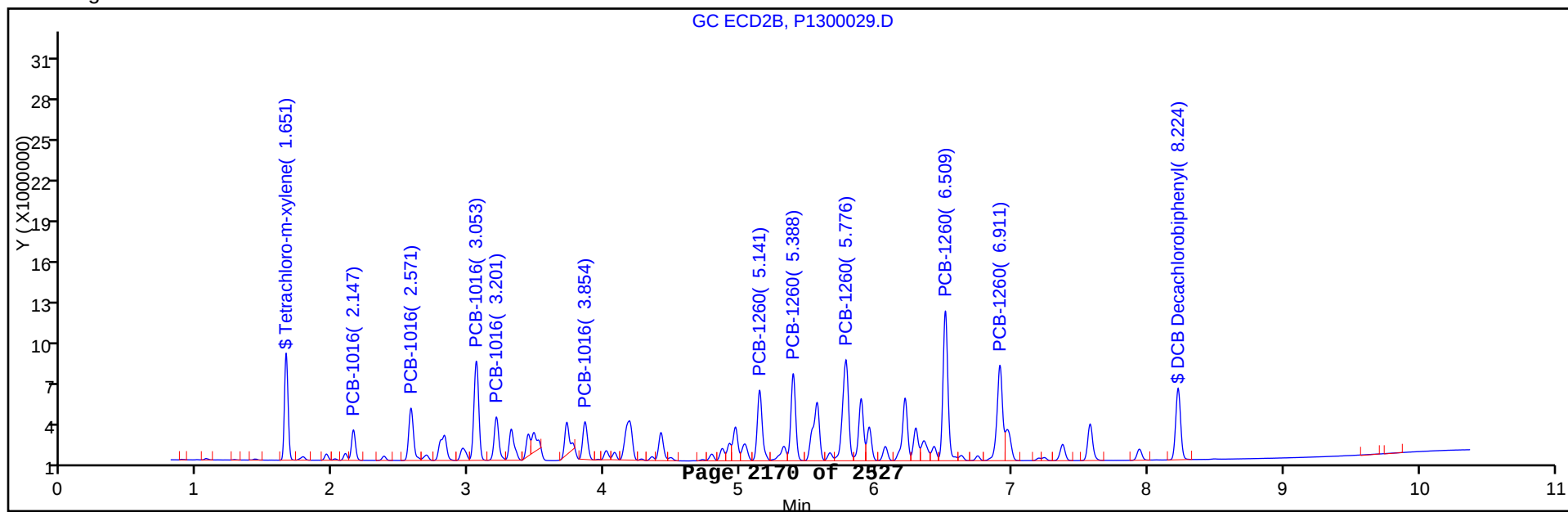
Column Type:

Column Dia:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

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

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

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: \\NCCChrom\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

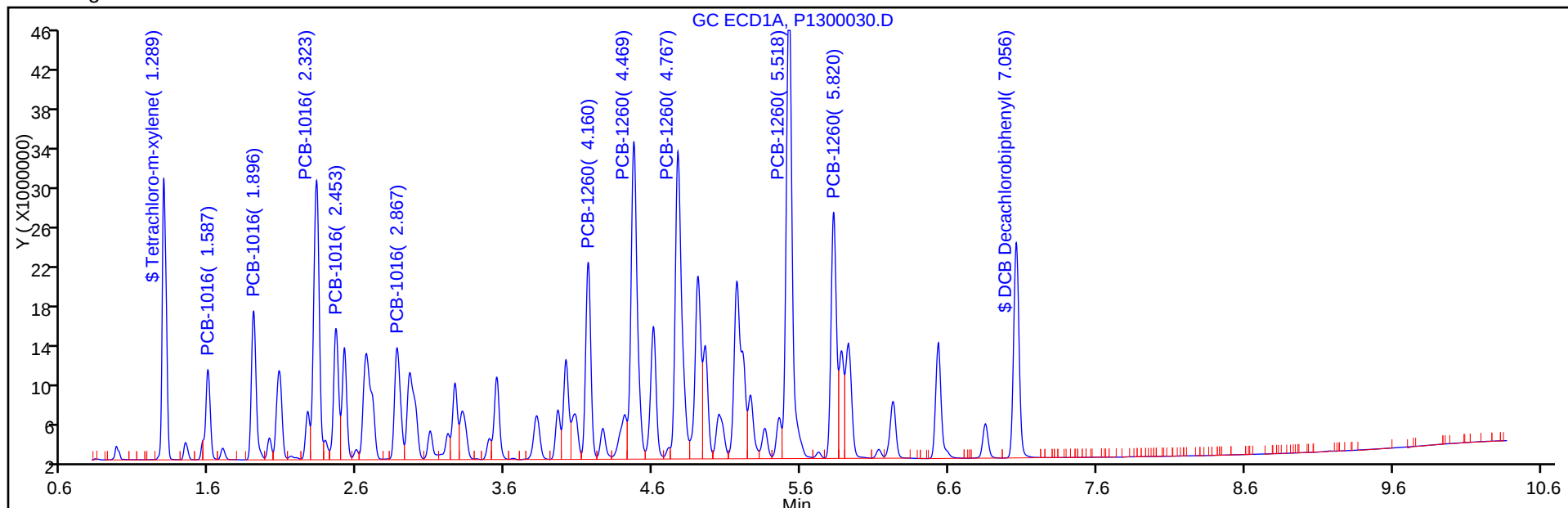
Operator ID:

Injection Vol: 1.0 ul

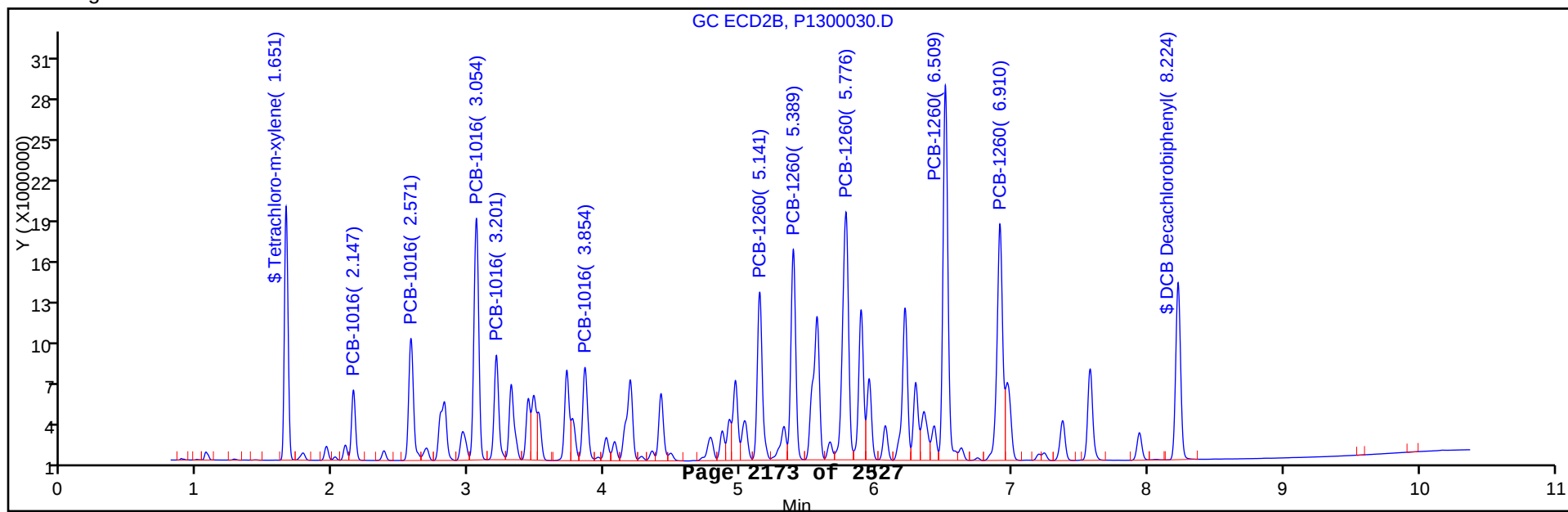
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

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

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

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: \\NCCChrom\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

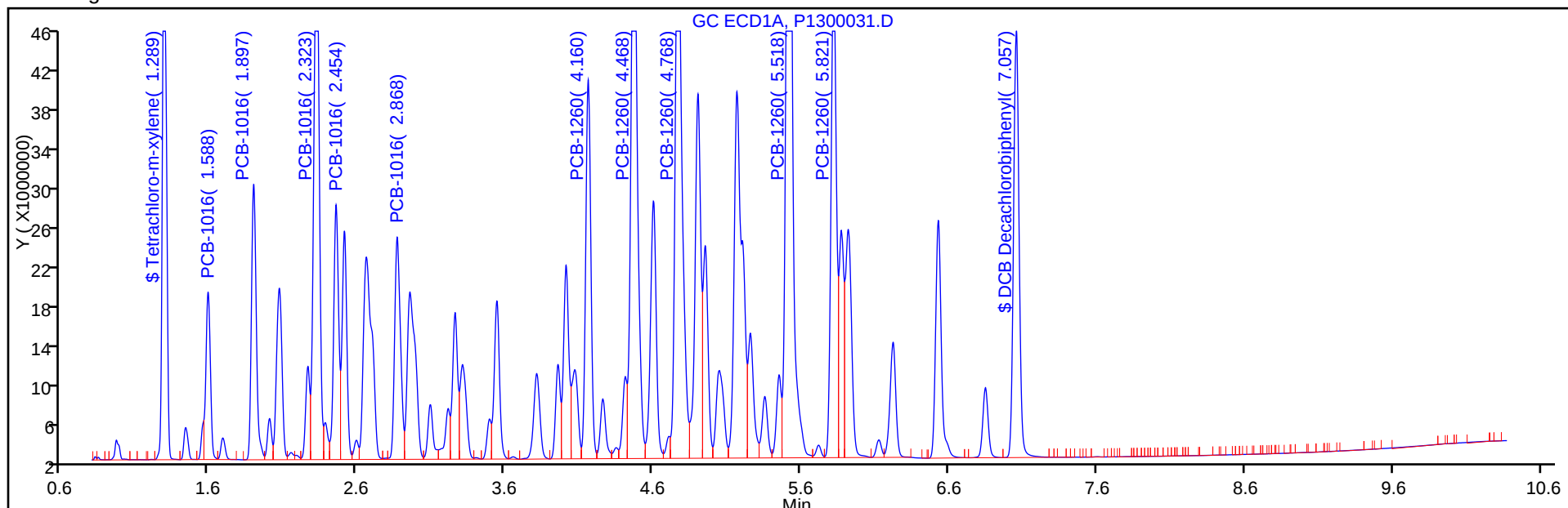
Operator ID:

Injection Vol: 1.0 ul

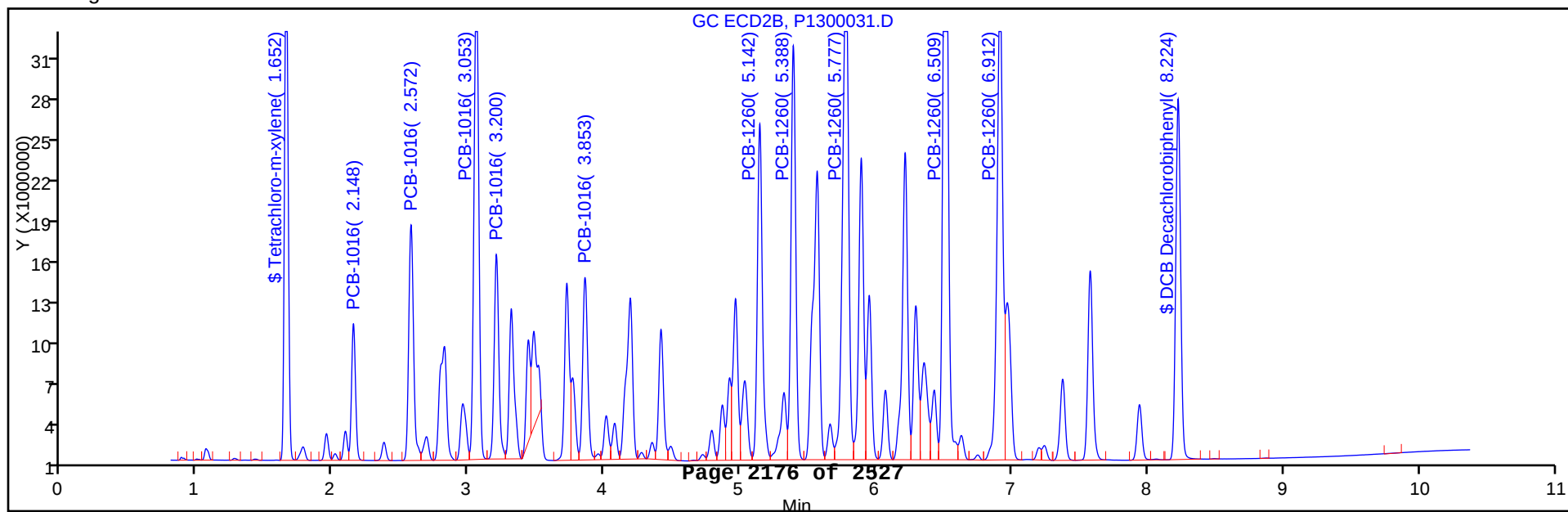
Column Type:

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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

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

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

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: \\NCCChrom\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

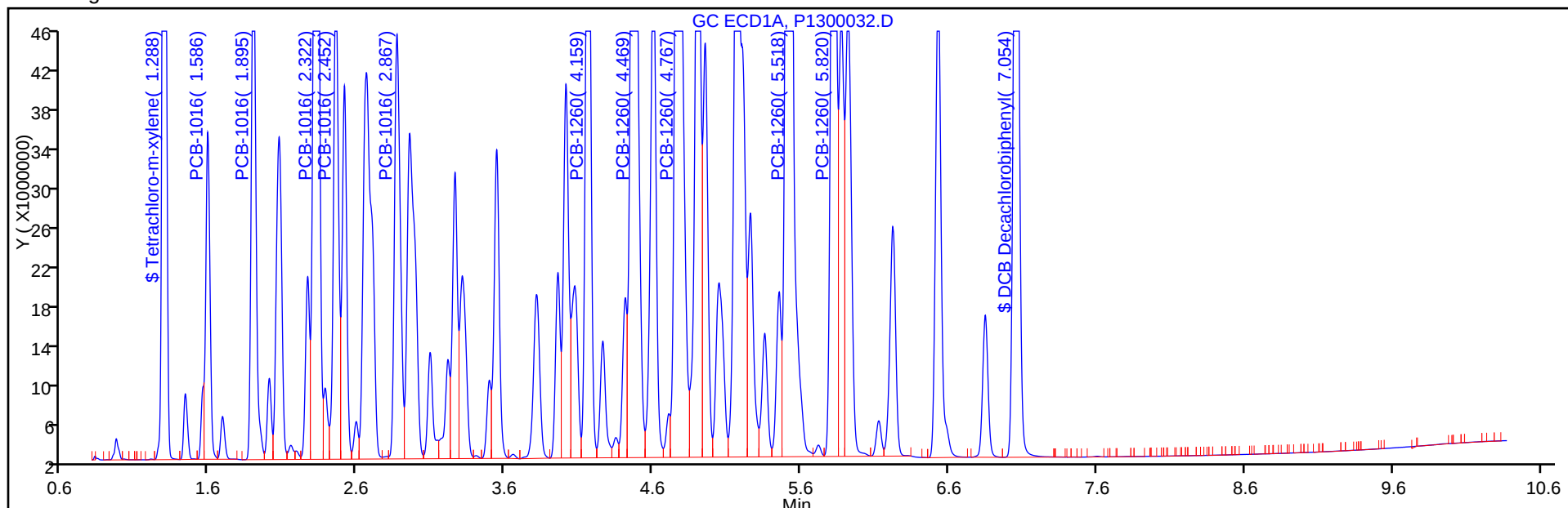
Operator ID:

Injection Vol: 1.0 ul

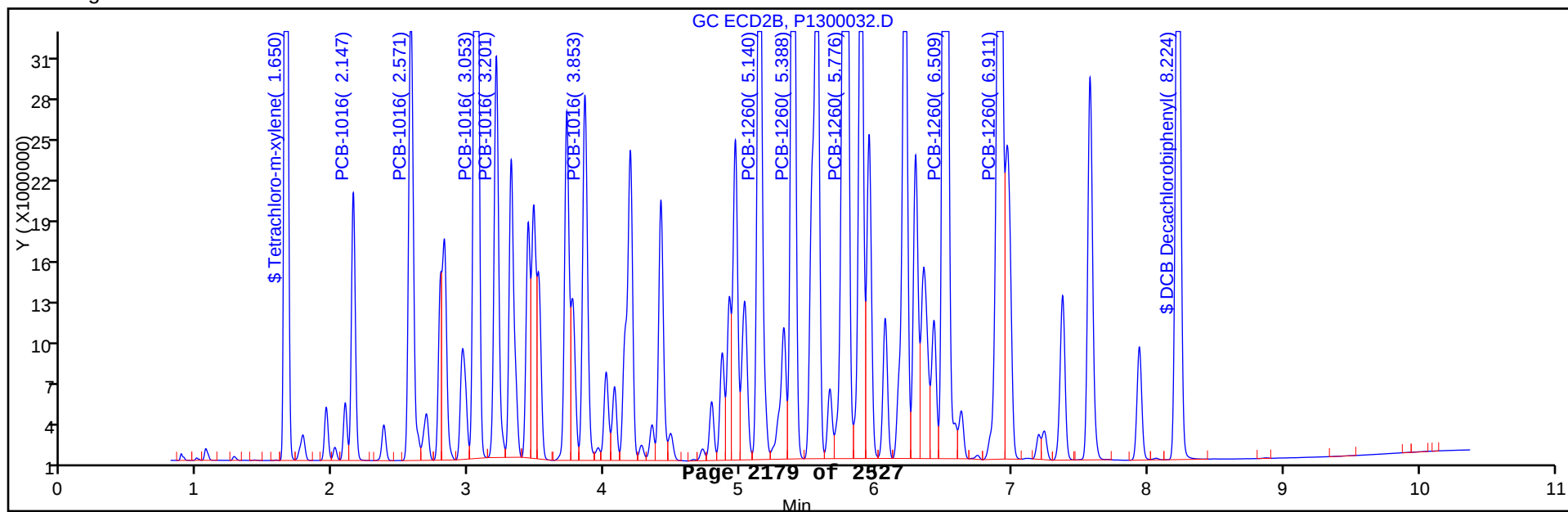
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1
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.: 240-17768-1
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: \\NCCchrom\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

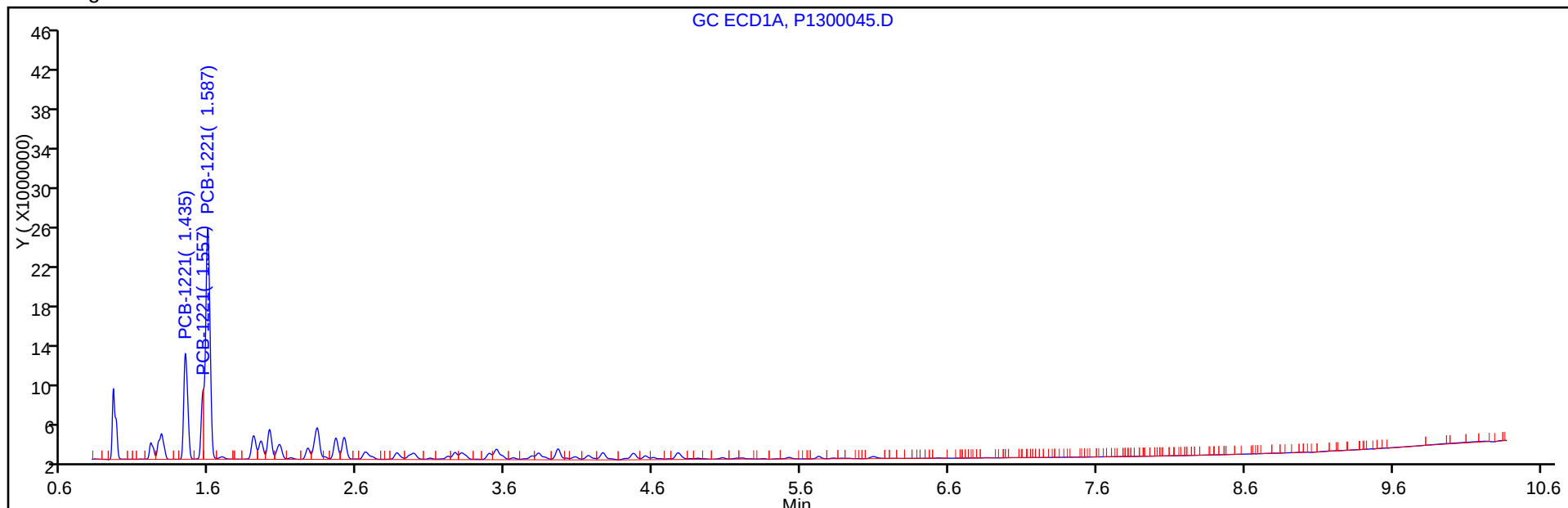
Operator ID:

Injection Vol: 1.0 ul

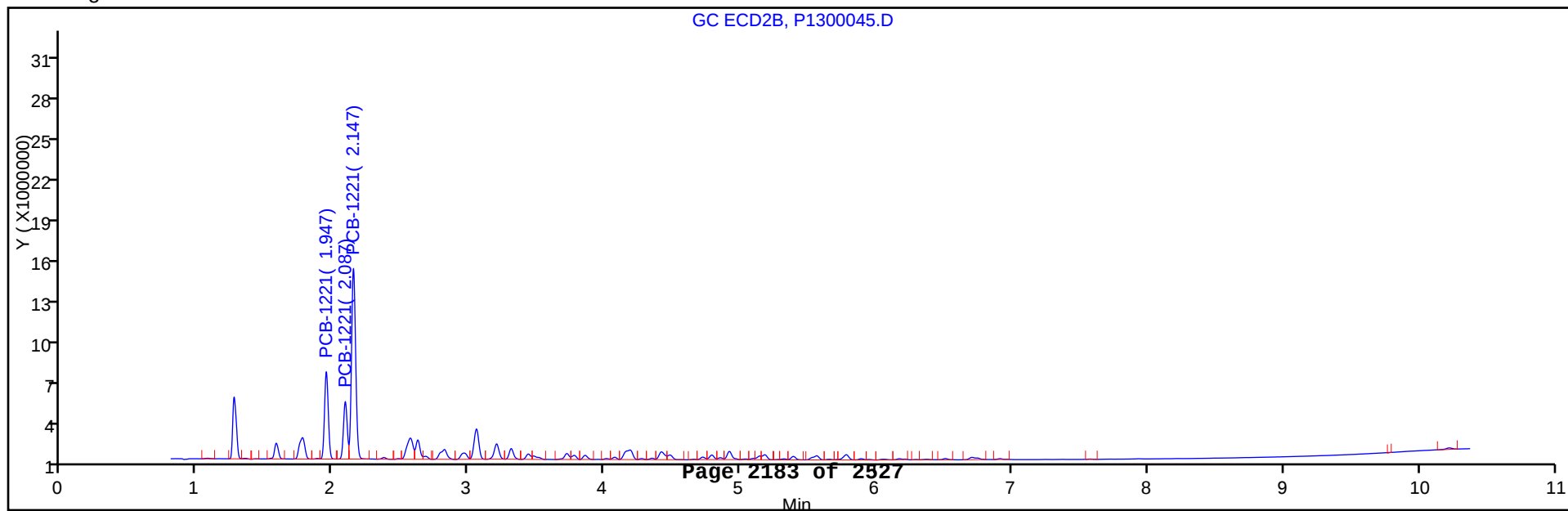
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\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

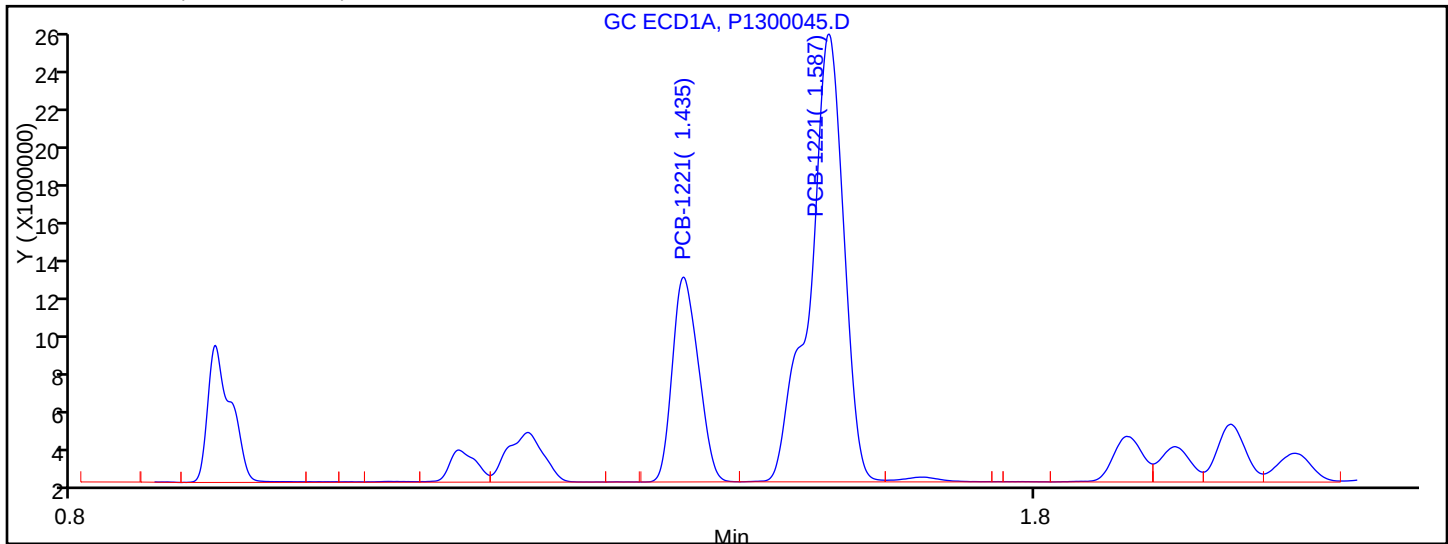
Operator ID:

Injection Vol: 1.0 ul

Column Type:

Column Dia:

3 PCB-1221, Detector: 1, GC ECD1A

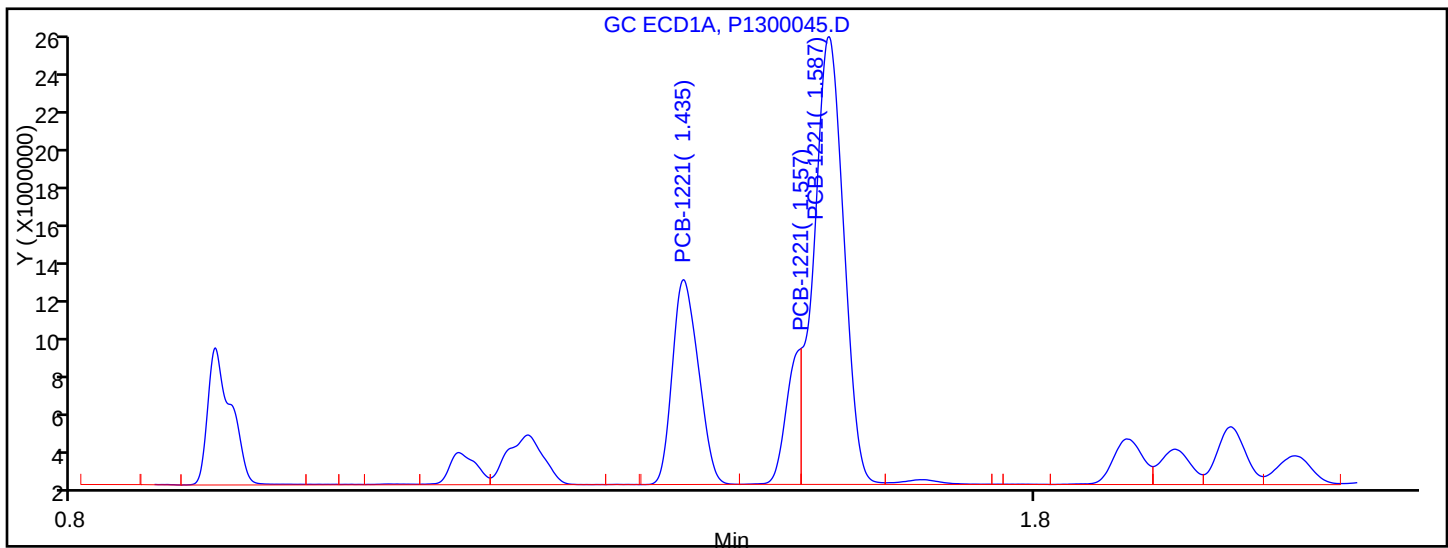


Processing Integration Results

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.: 240-17768-1
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.: 240-17768-1
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: \\NCCChrom\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

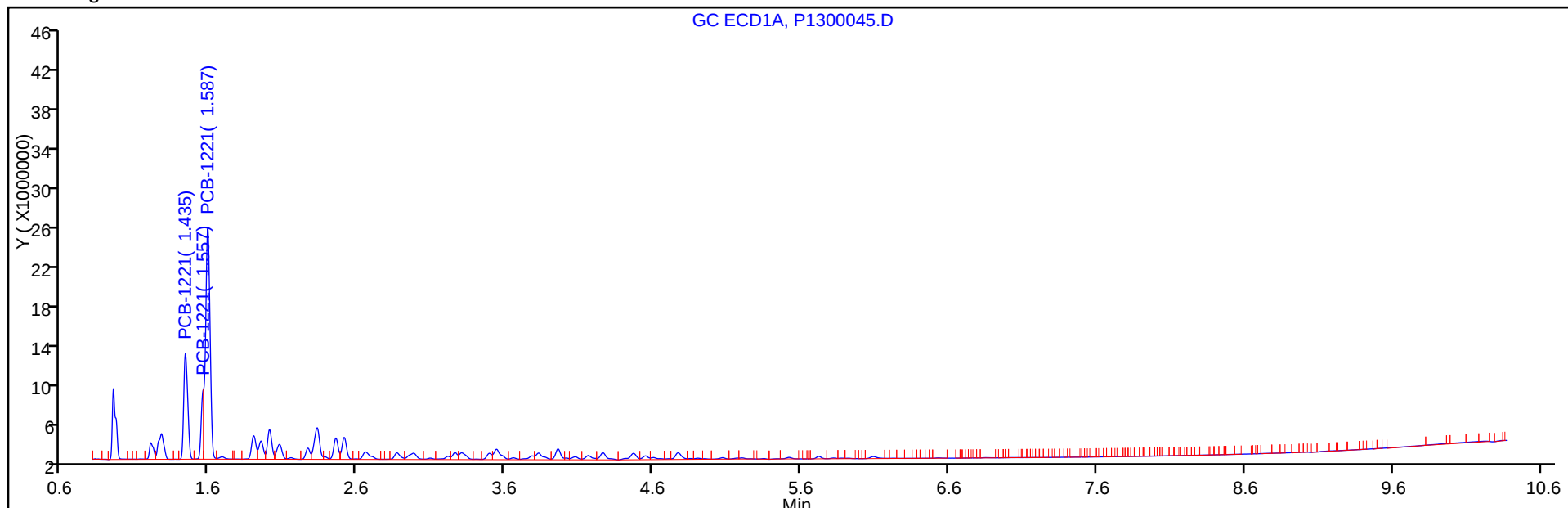
Operator ID:

Injection Vol: 1.0 ul

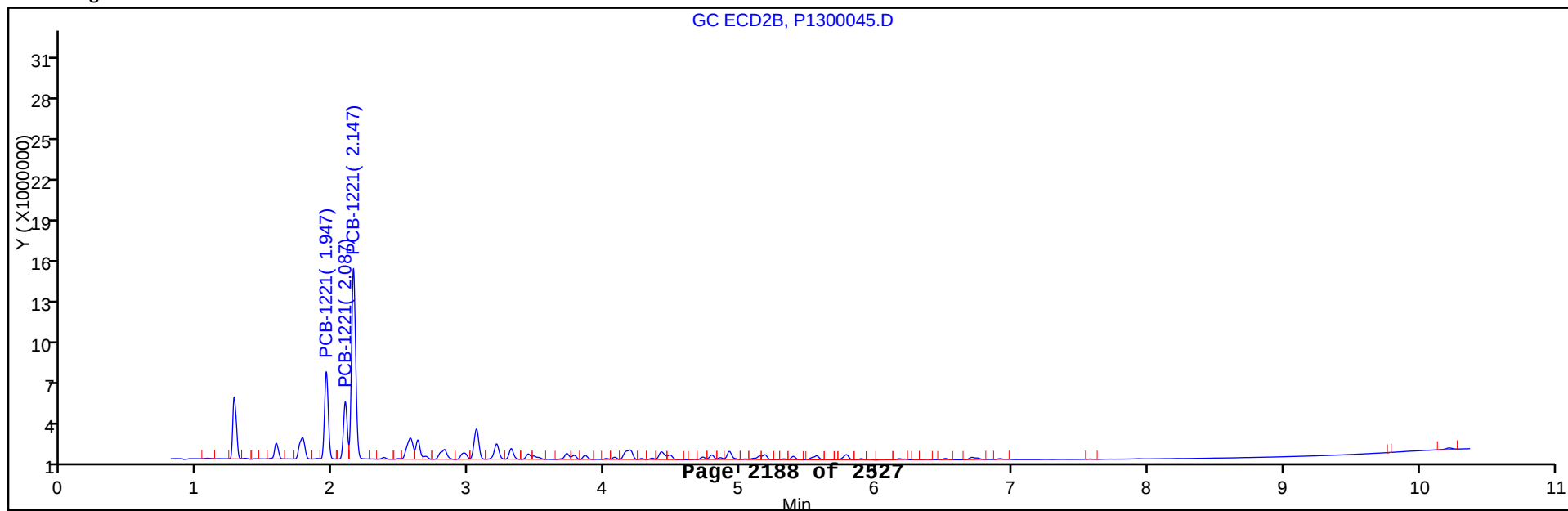
Column Type:

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.: 240-17768-1
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.: 240-17768-1
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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

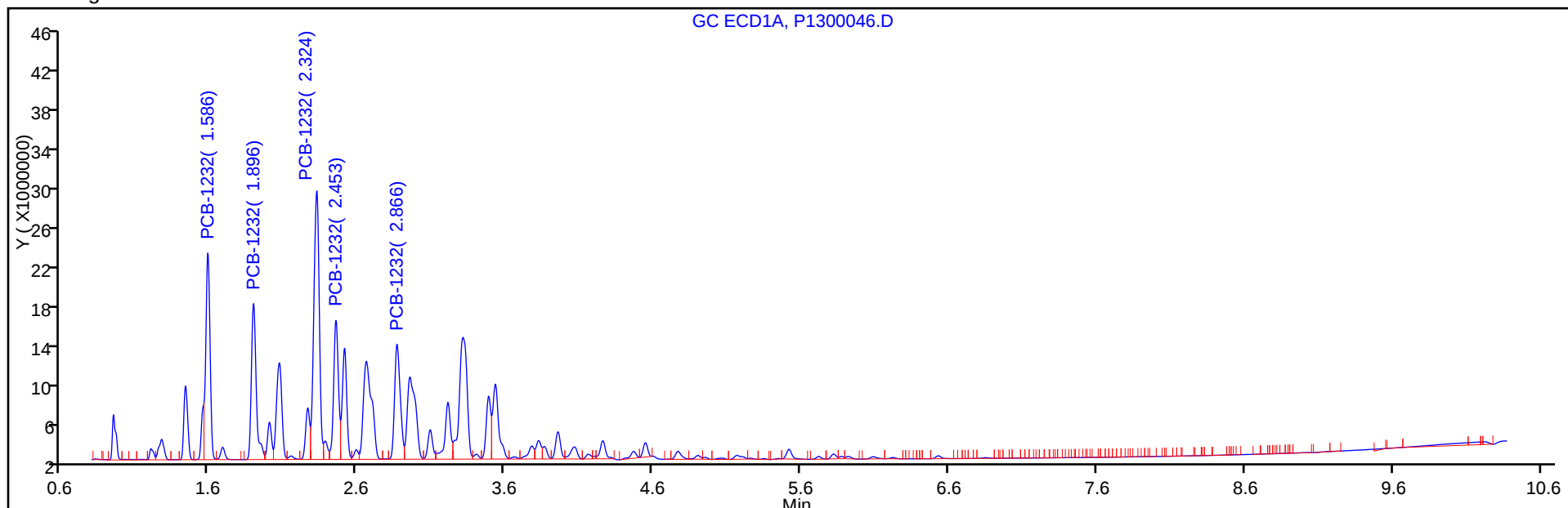
Operator ID:

Injection Vol: 1.0 ul

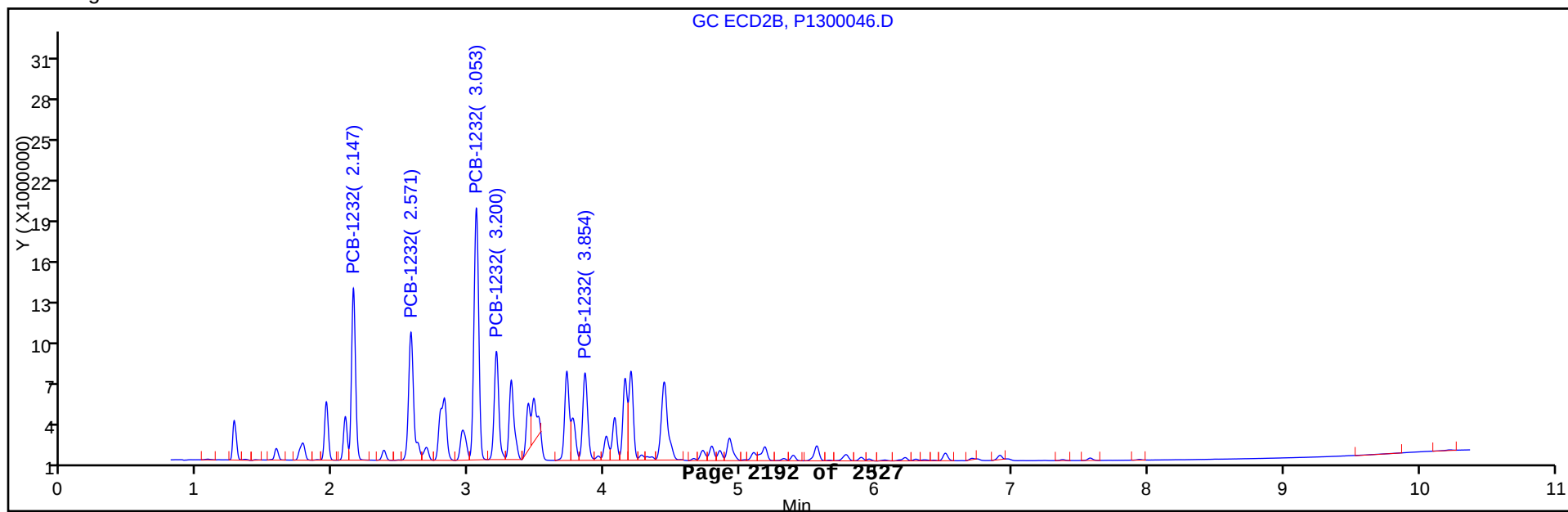
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



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

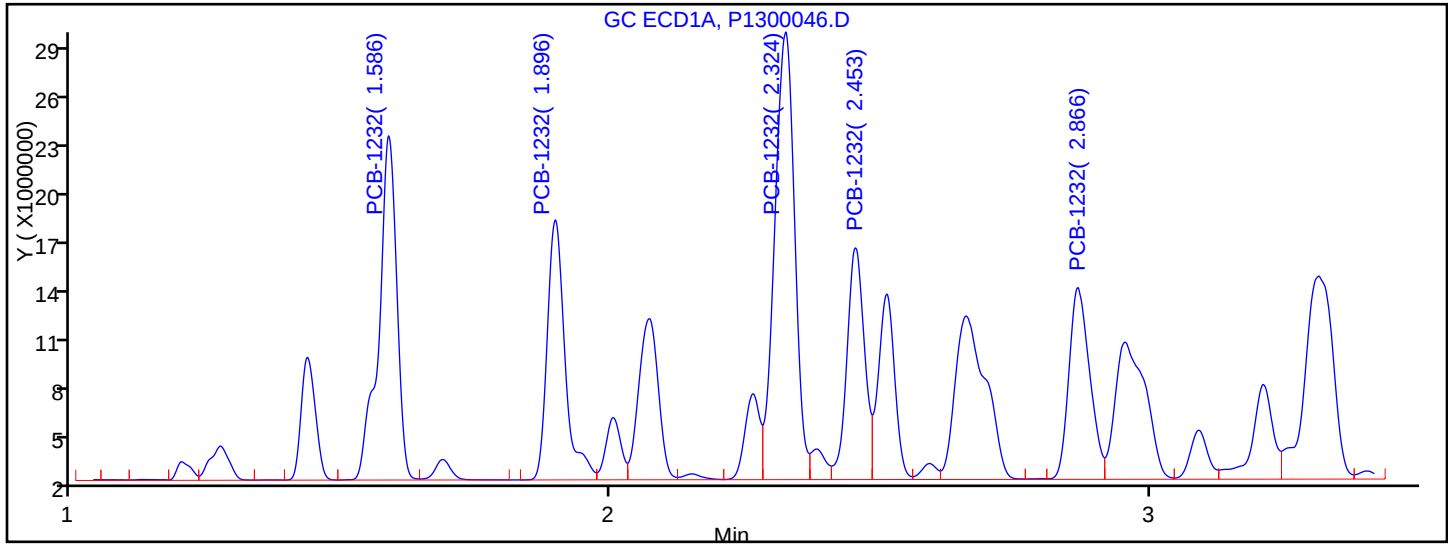
Operator ID:

Injection Vol: 1.0 ul

Column Type:

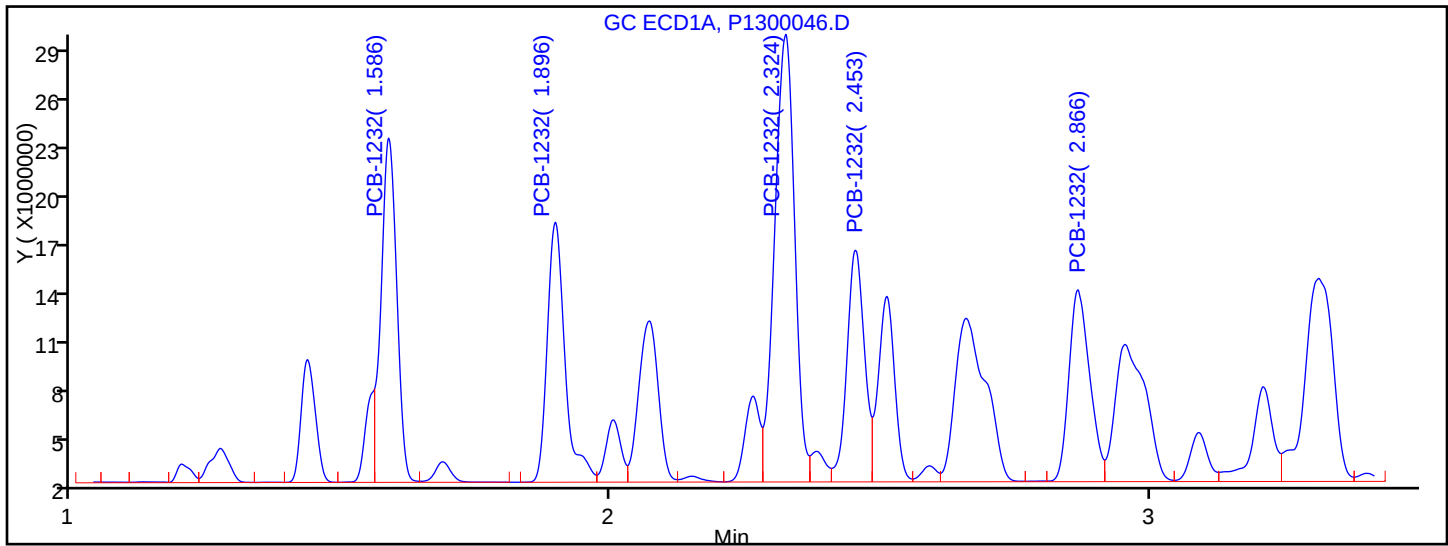
Column Dia:

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.: 240-17768-1
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.: 240-17768-1
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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

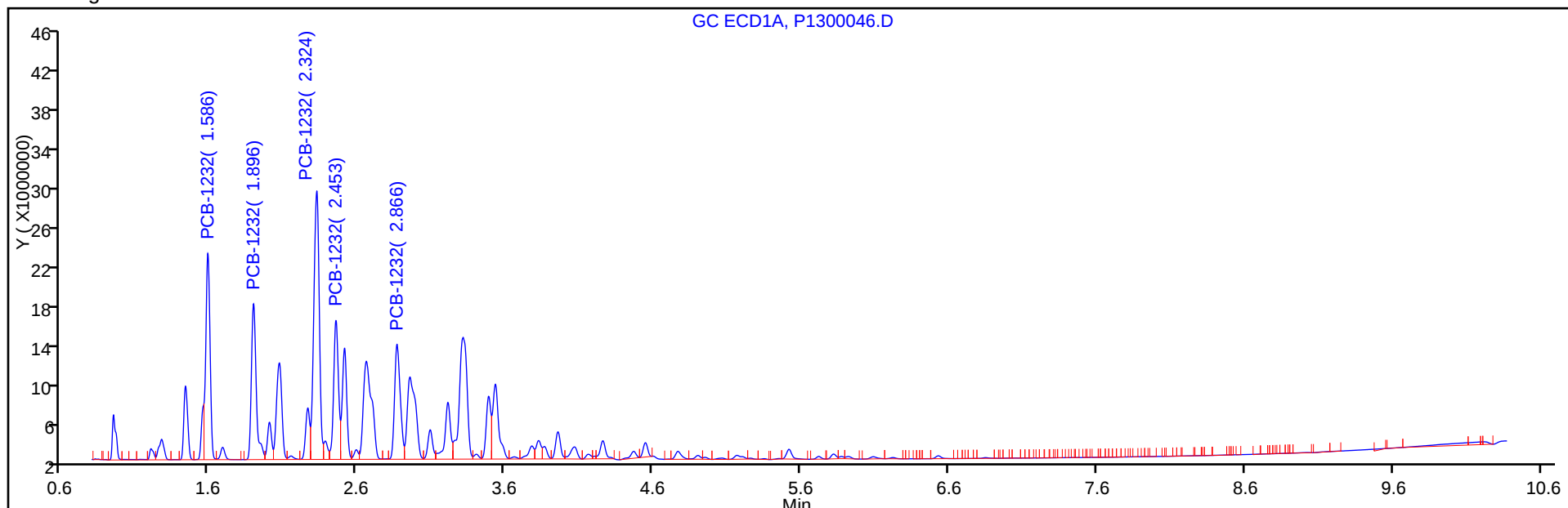
Operator ID:

Injection Vol: 1.0 ul

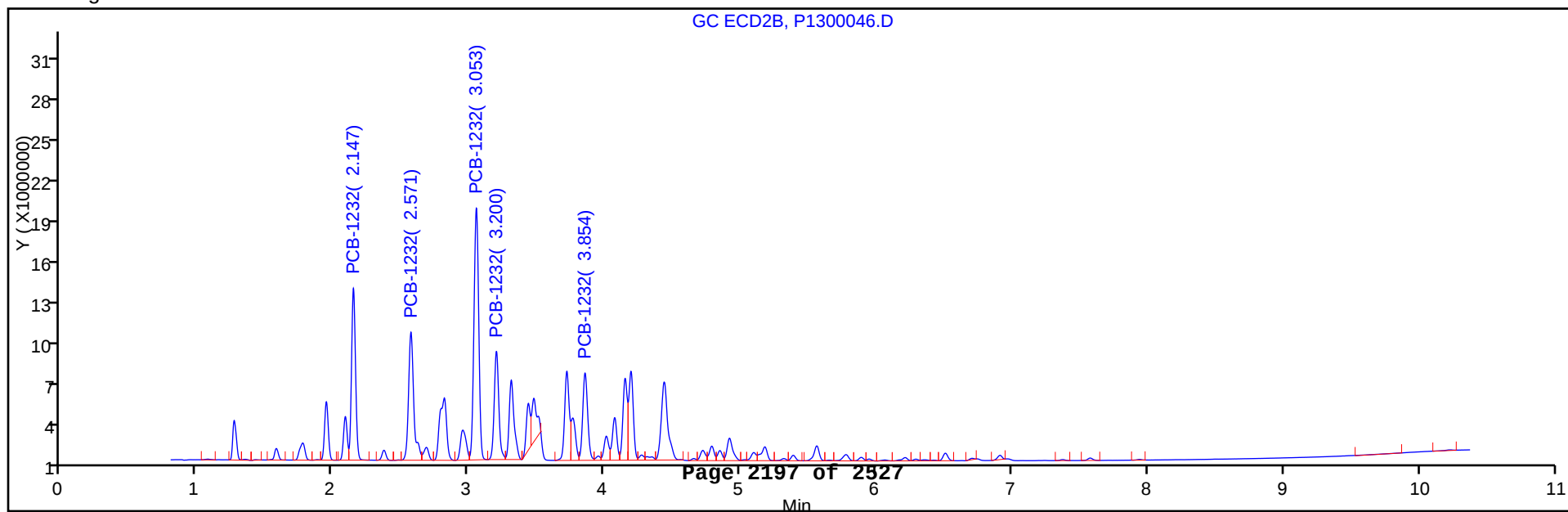
Column Type:

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.: 240-17768-1
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.: 240-17768-1
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: \\NCCChrom\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

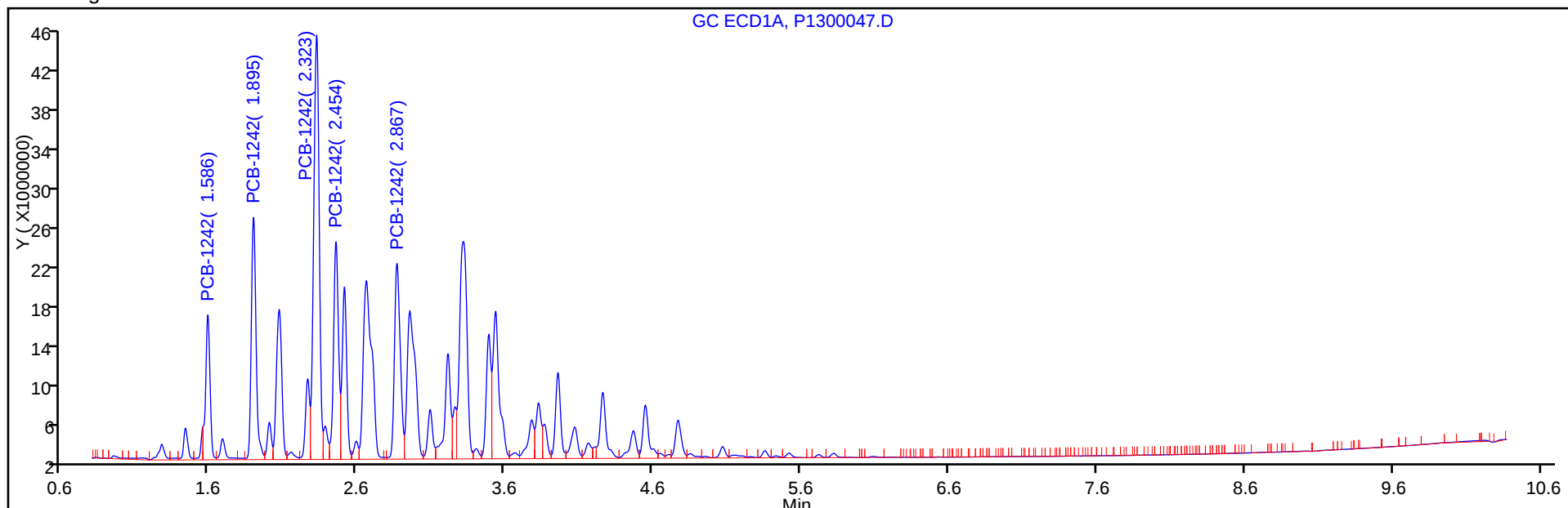
Operator ID:

Injection Vol: 1.0 ul

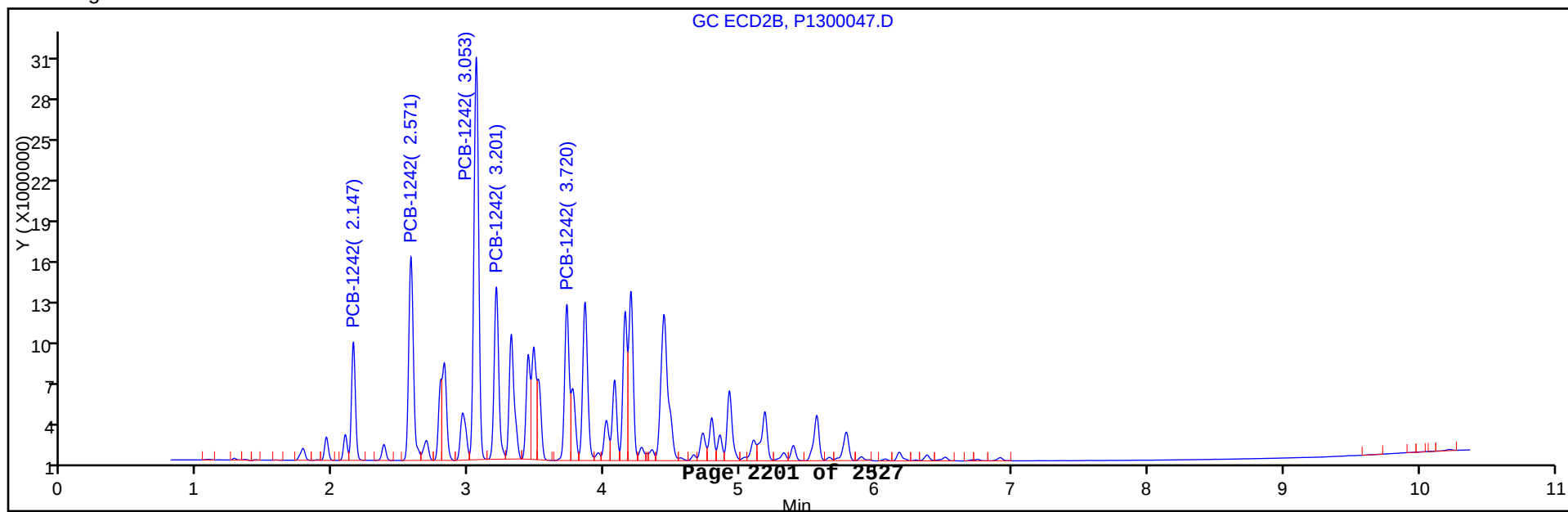
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



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

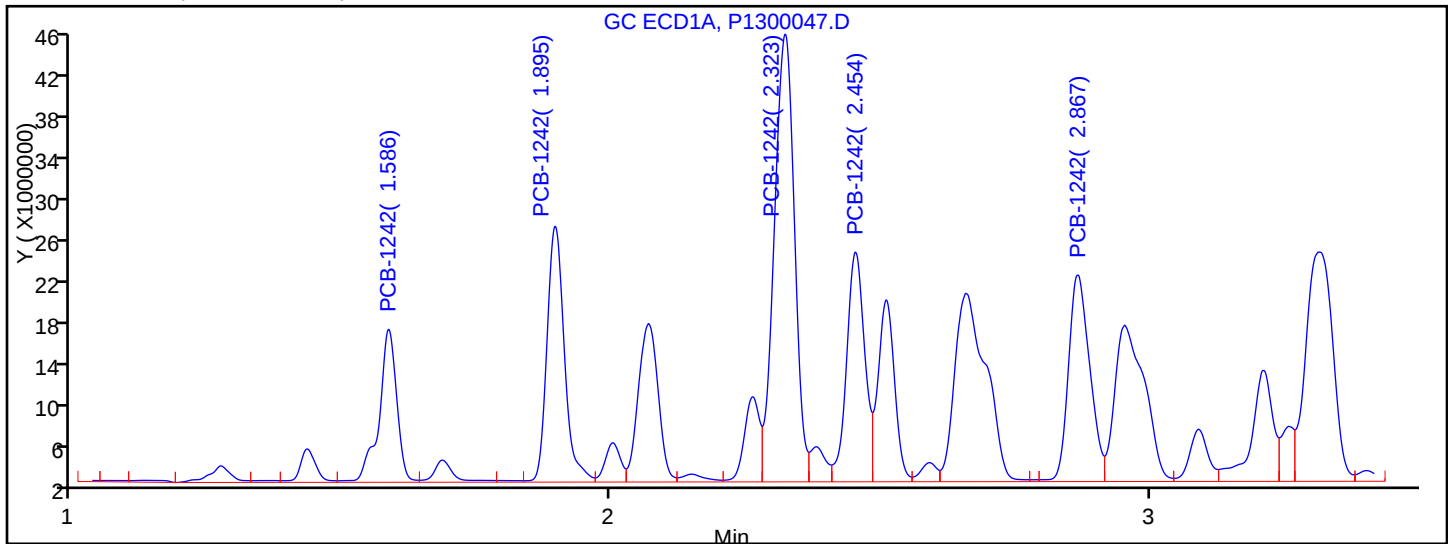
Operator ID:

Injection Vol: 1.0 ul

Column Type:

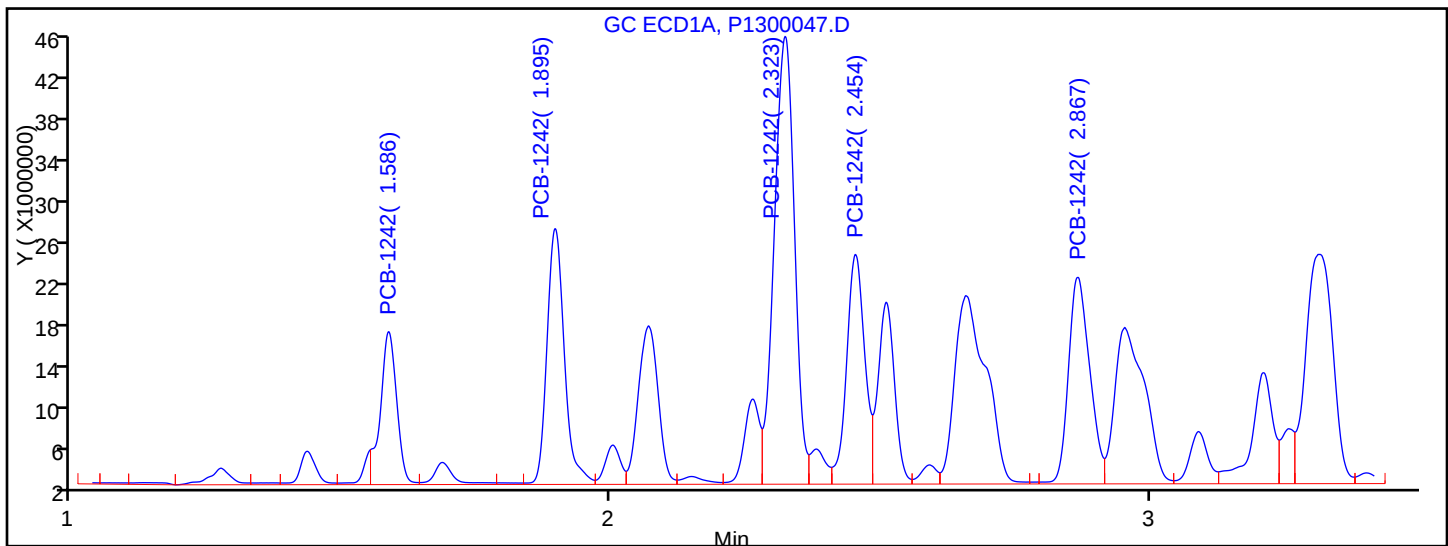
Column Dia:

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.: 240-17768-1
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.: 240-17768-1
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: \\NCCChrom\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

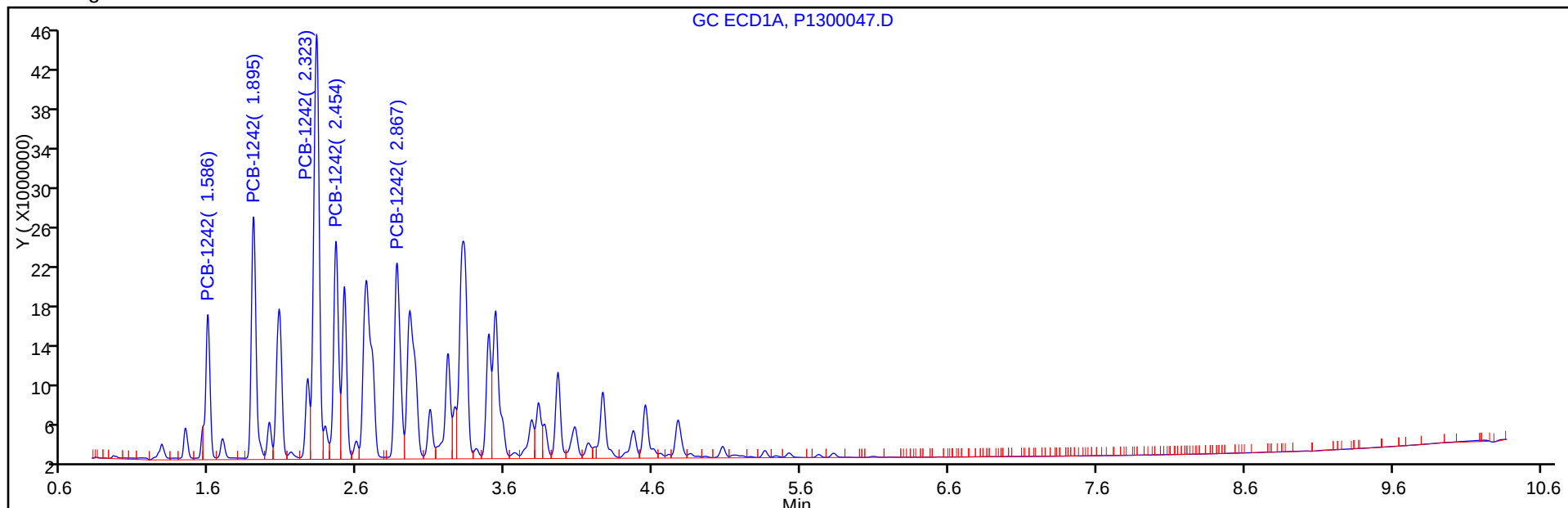
Operator ID:

Injection Vol: 1.0 ul

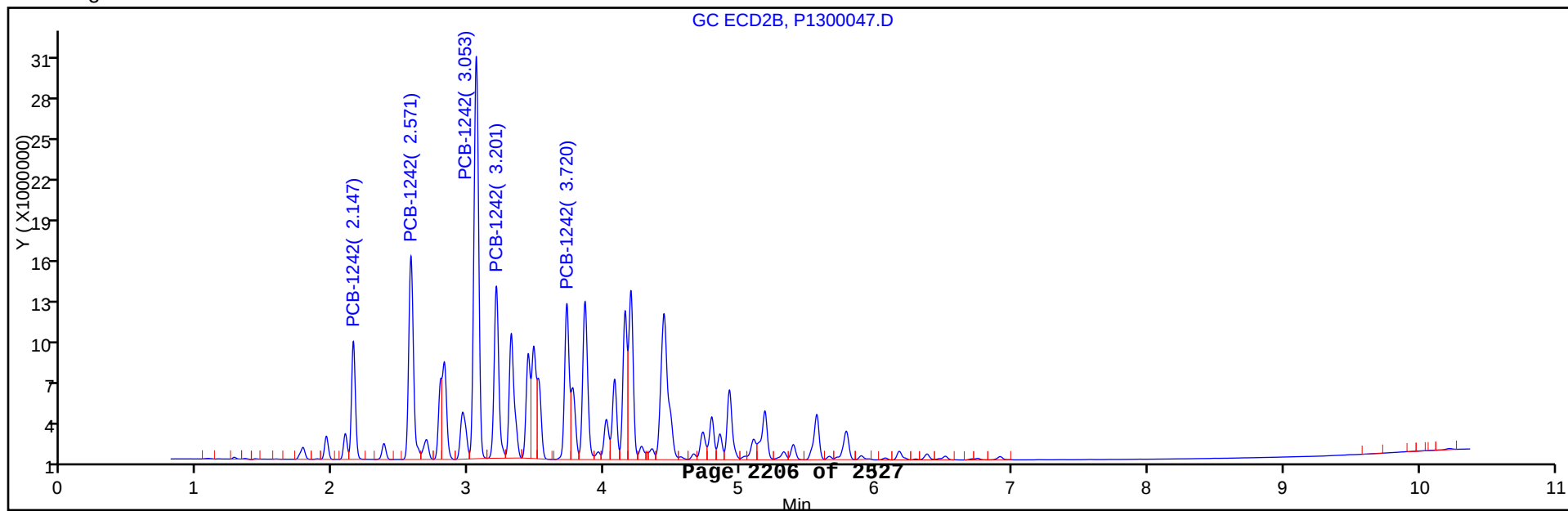
Column Type:

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.: 240-17768-1
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.: 240-17768-1
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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

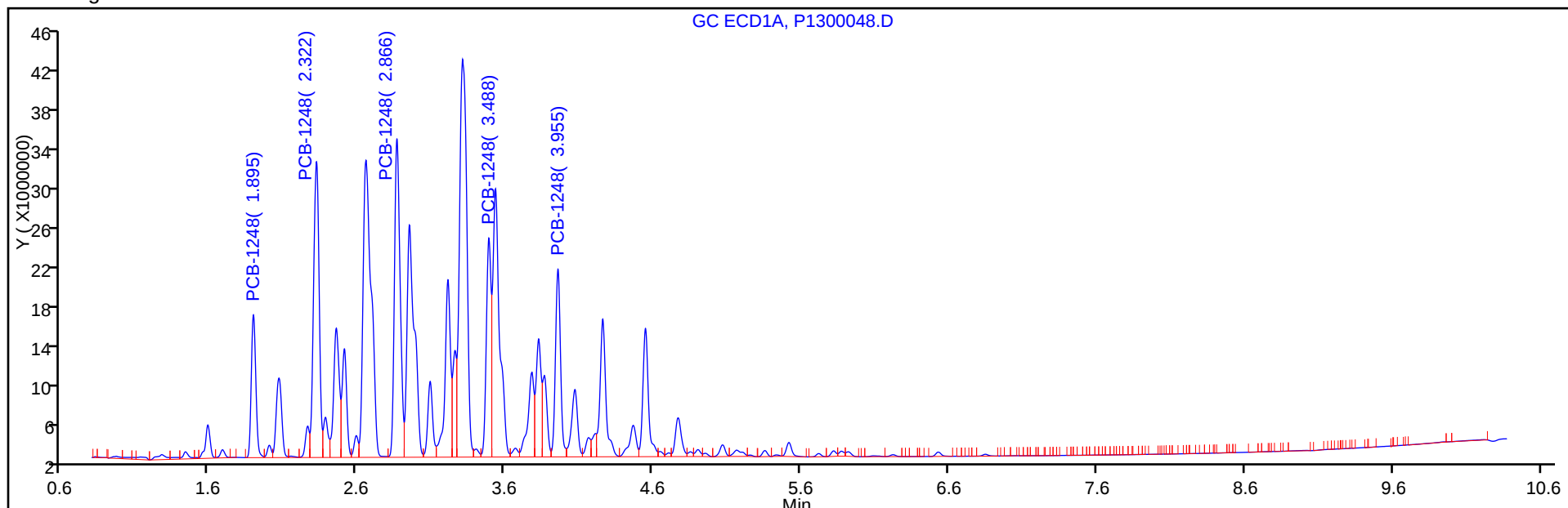
Operator ID:

Injection Vol: 1.0 ul

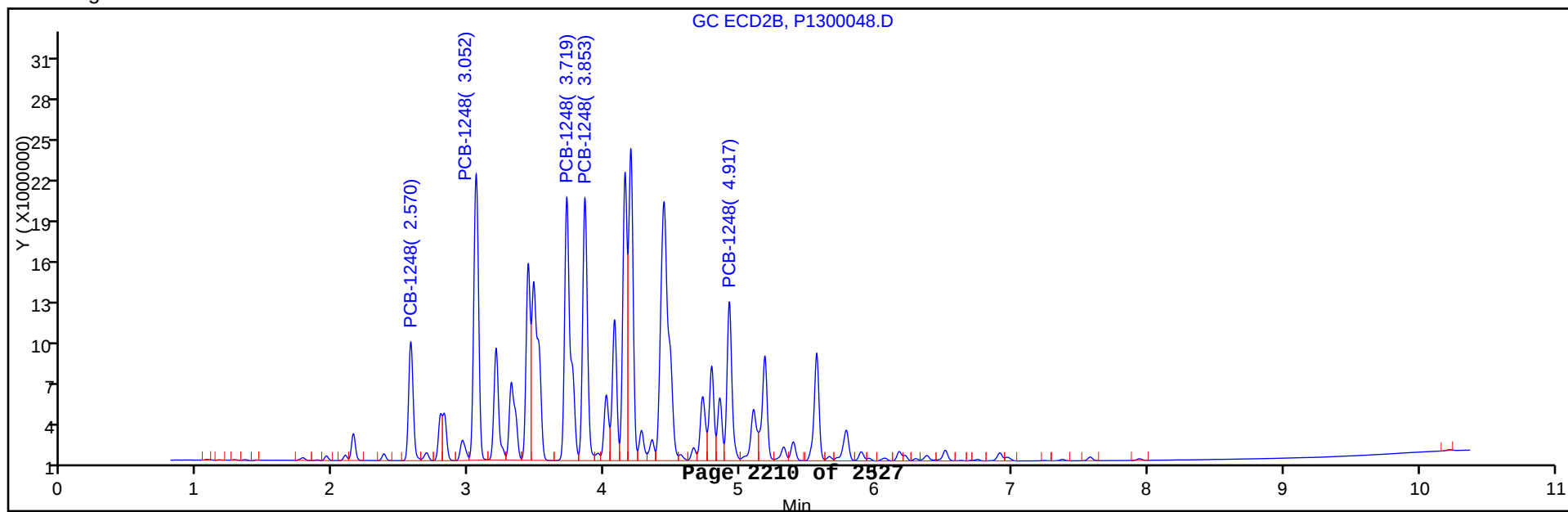
Column Type:

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.: 240-17768-1
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.: 240-17768-1
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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCchrom\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

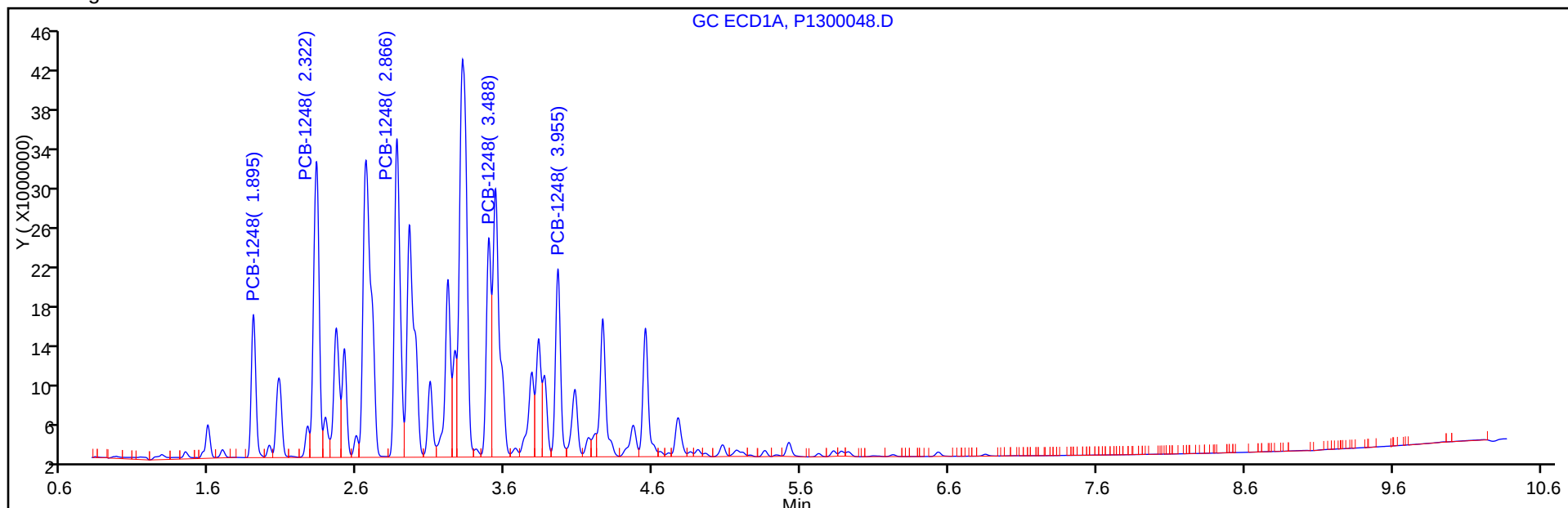
Operator ID:

Injection Vol: 1.0 ul

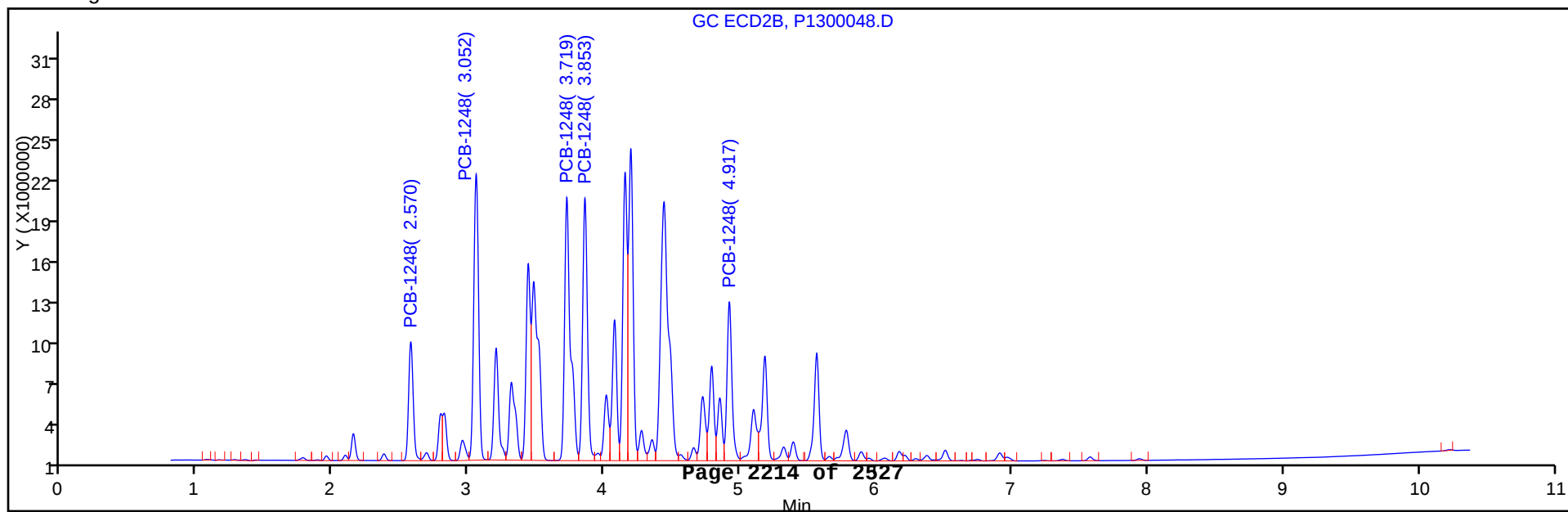
Column Type:

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.: 240-17768-1
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.: 240-17768-1
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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

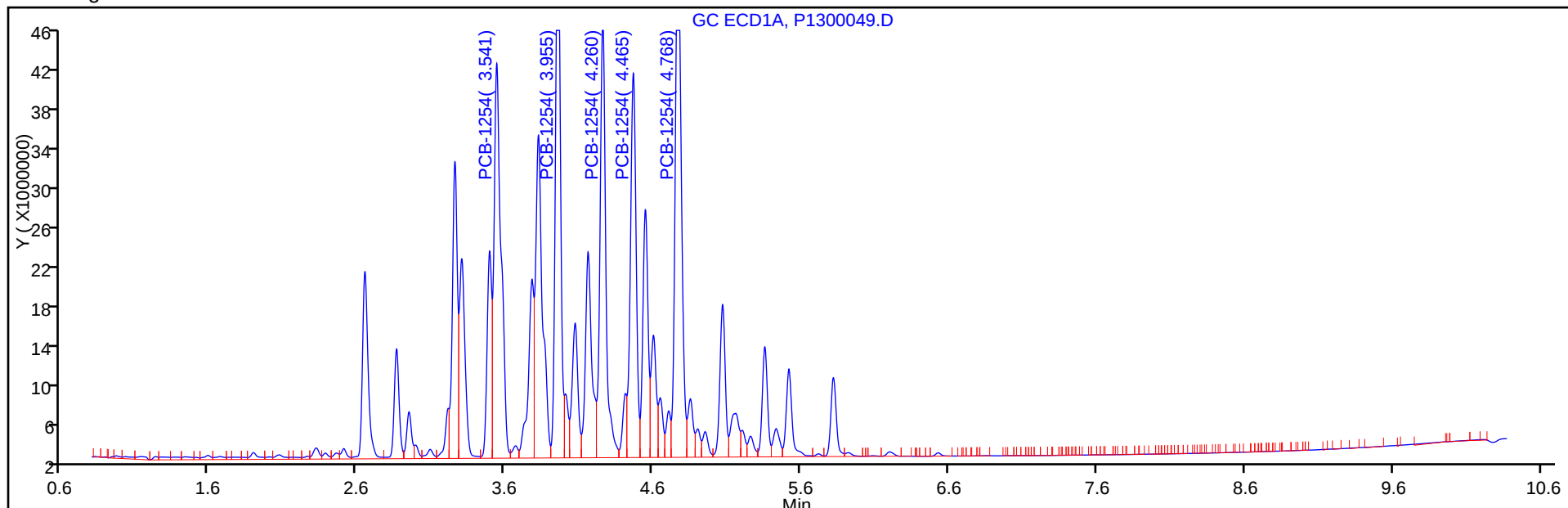
Operator ID:

Injection Vol: 1.0 ul

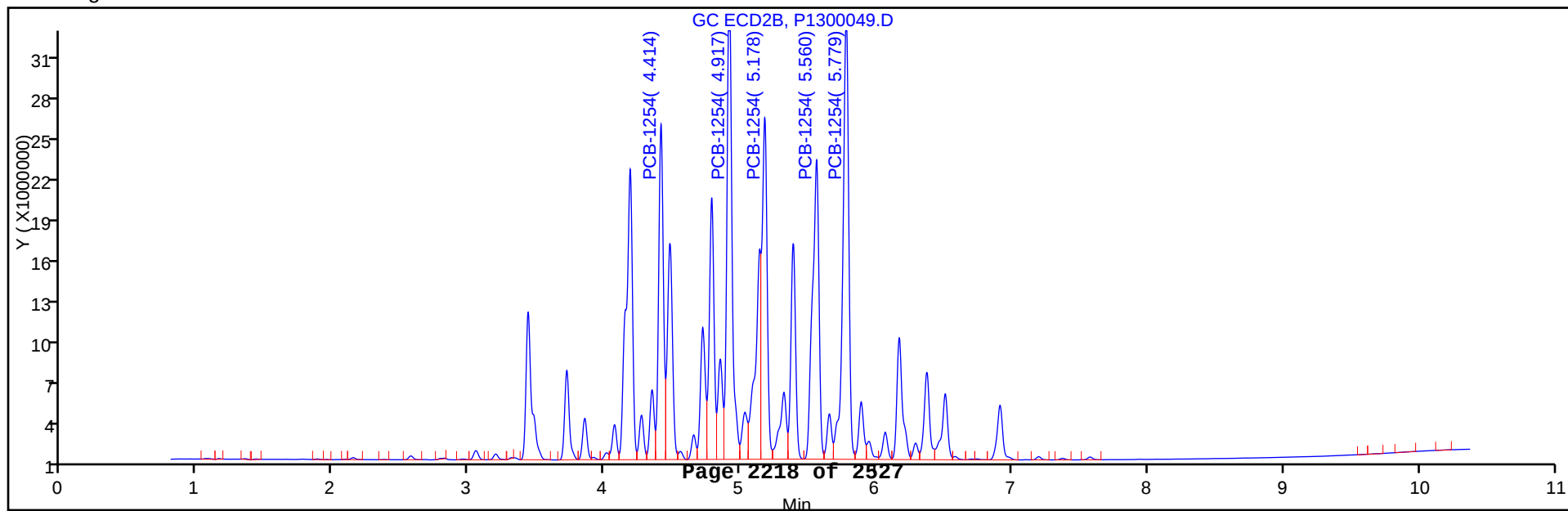
Column Type:

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.: 240-17768-1
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.: 240-17768-1
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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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

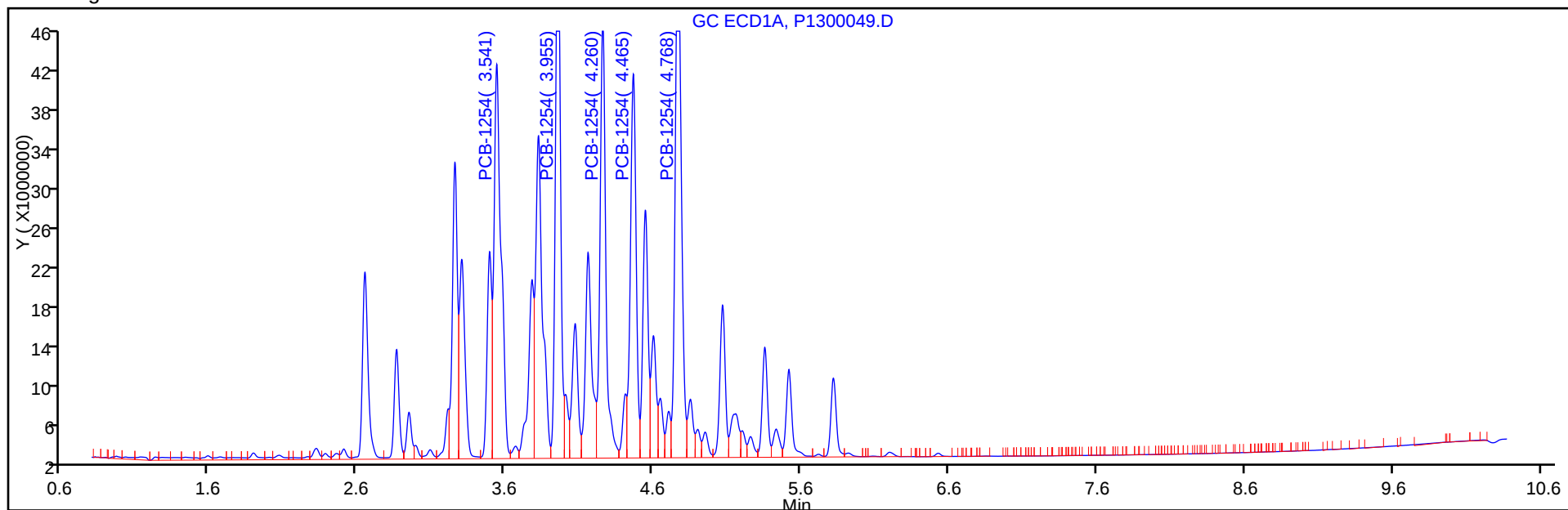
Operator ID:

Injection Vol: 1.0 ul

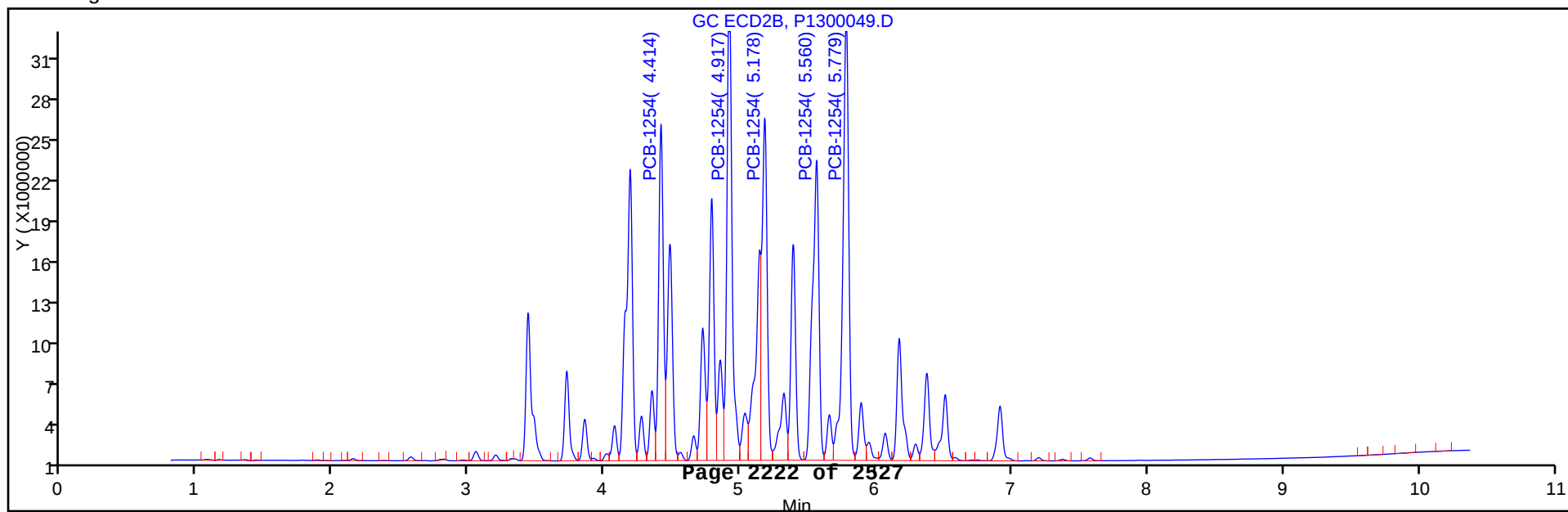
Column Type:

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.: 240-17768-1

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.: 240-17768-1
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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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			

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

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

Data File: \\NCCChrom\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

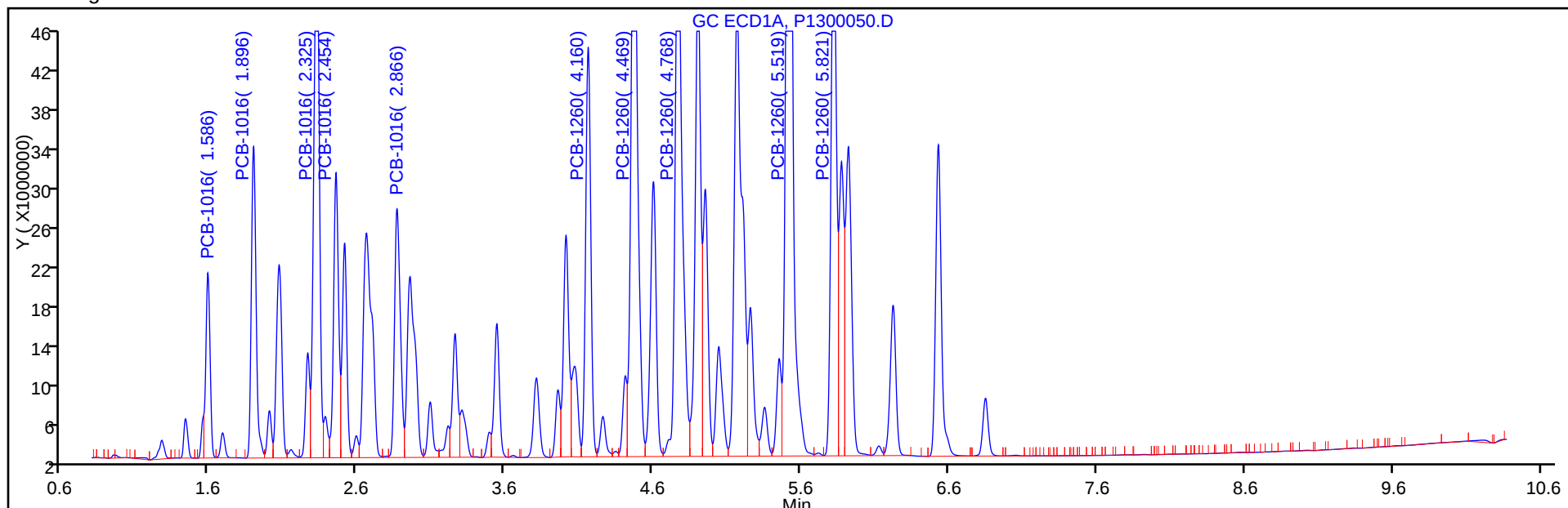
Operator ID:

Injection Vol: 1.0 ul

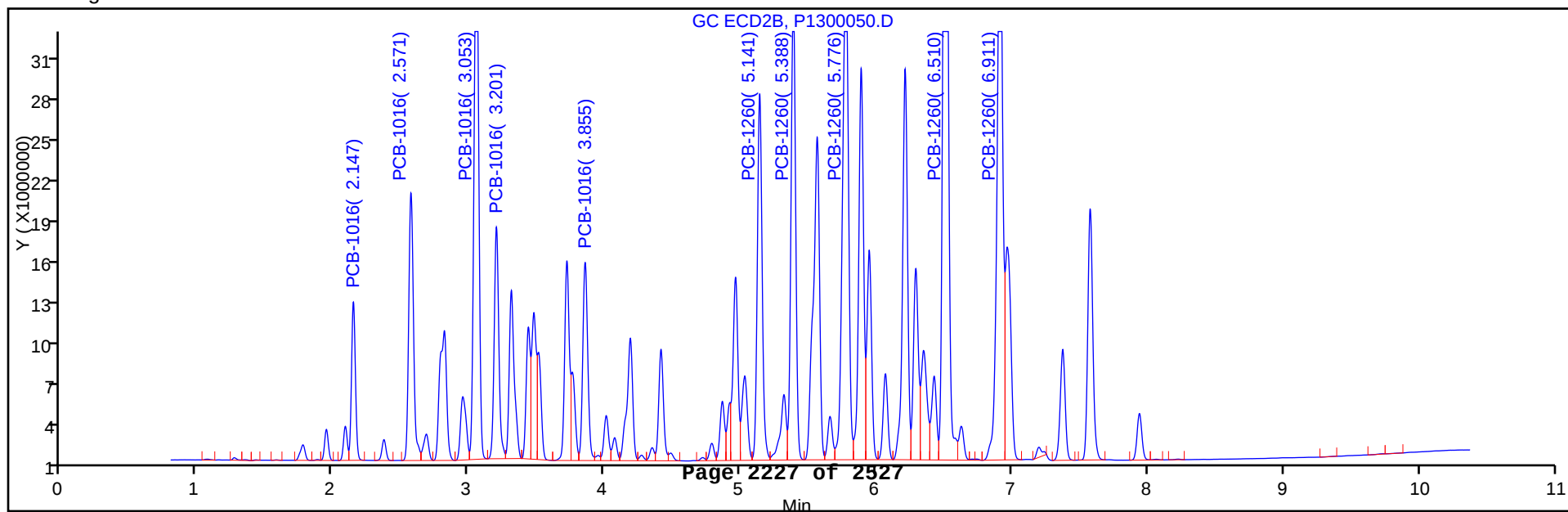
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCchrom\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

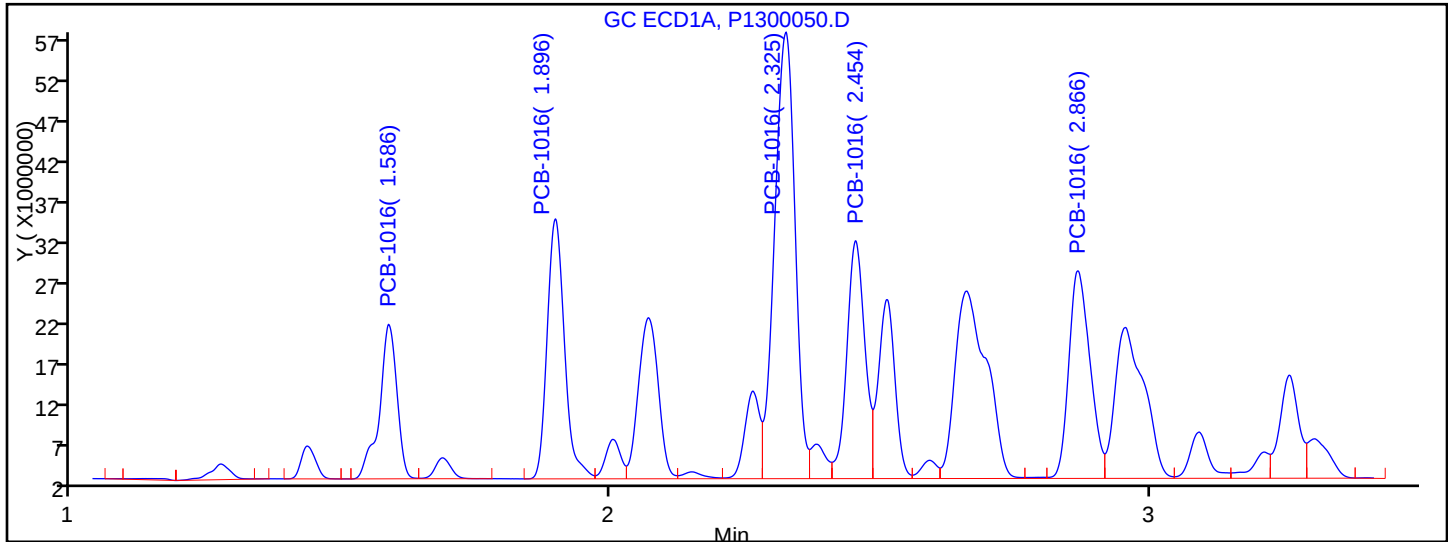
Operator ID:

Injection Vol: 1.0 ul

Column Type:

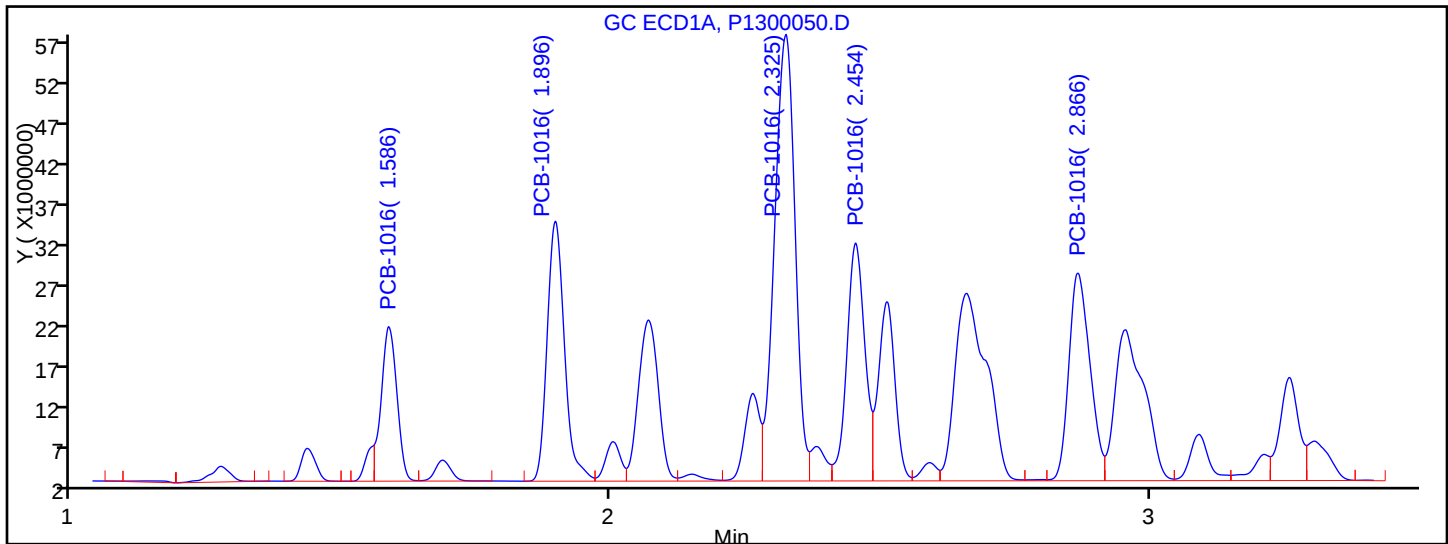
Column Dia:

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.: 240-17768-1
 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.: 240-17768-1
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: \\NCCChrom\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: \\NCCChrom\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: \\NCCChrom\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									

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

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

Data File: \\NCCChrom\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

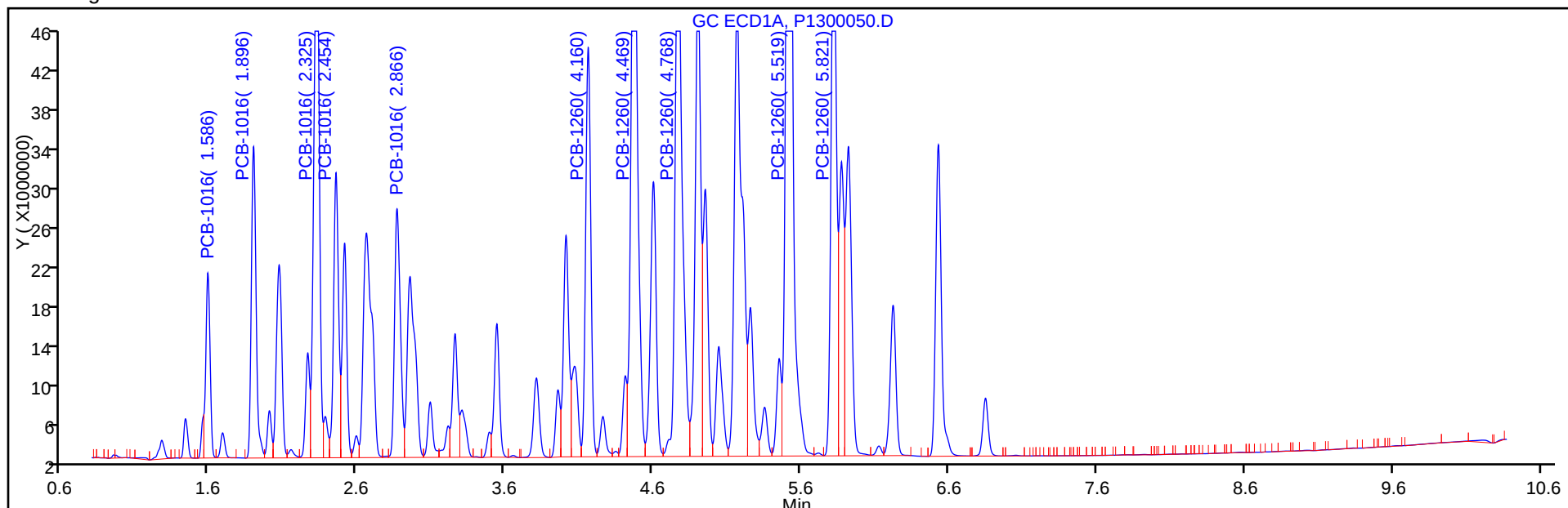
Operator ID:

Injection Vol: 1.0 ul

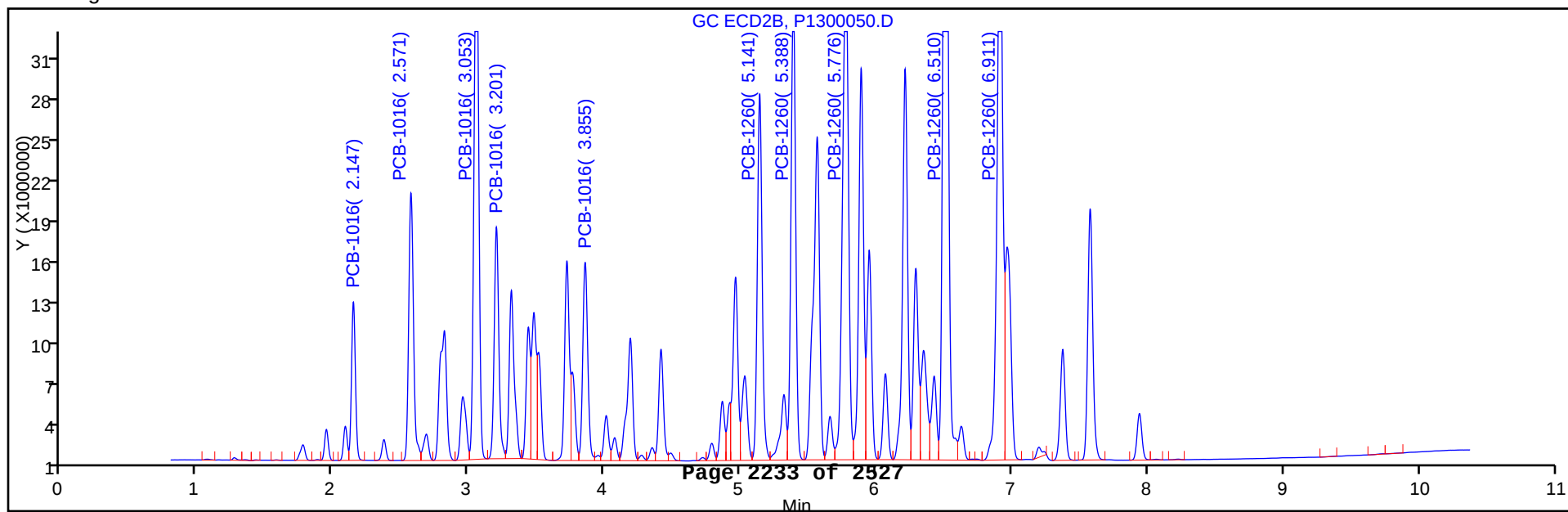
Column Type:

Column Dia:

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.: 240-17768-1

SDG No.: _____

Lab Sample ID: CCV 240-67173/3 Calibration Date: 12/04/2012 01:36

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	43035884		0.529	0.500	5.9	20.0
PCB-1016 Peak 2	Ave	71876982	75166958		0.523	0.500	4.6	20.0
PCB-1016 Peak 3	Ave	155218061	167381606		0.539	0.500	7.8	20.0
PCB-1016 Peak 4	Ave	64472512	68263204		0.529	0.500	5.9	20.0
PCB-1016 Peak 5	Ave	67849134	69272956		0.510	0.500	2.1	20.0
PCB-1260 Peak 1	Ave	101355640	103075118		0.508	0.500	1.7	20.0
PCB-1260 Peak 2	Ave	200632590	208160918		0.519	0.500	3.8	20.0
PCB-1260 Peak 3	Ave	200043209	204396516		0.511	0.500	2.2	20.0
PCB-1260 Peak 4	Ave	271809958	287256502		0.528	0.500	5.7	20.0
PCB-1260 Peak 5	Ave	129152153	127131544		0.492	0.500	-1.6	20.0
Tetrachloro-m-xylene	Ave	2282867563	2499930760		0.0274	0.0250	9.5	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2655502840		0.0284	0.0250	13.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67173/3 Calibration Date: 12/04/2012 01:36
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	1.59	1.54	1.64
PCB-1016 Peak 2	1.90	1.85	1.95
PCB-1016 Peak 3	2.33	2.28	2.38
PCB-1016 Peak 4	2.46	2.41	2.51
PCB-1016 Peak 5	2.87	2.82	2.92
PCB-1260 Peak 1	4.17	4.12	4.22
PCB-1260 Peak 2	4.48	4.43	4.53
PCB-1260 Peak 3	4.78	4.73	4.83
PCB-1260 Peak 4	5.53	5.48	5.58
PCB-1260 Peak 5	5.83	5.78	5.88
Tetrachloro-m-xylene	1.29	1.24	1.34
DCB Decachlorobiphenyl	7.06	7.01	7.11

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300003.D
 Lims ID: CCV AR1660 Client ID:
 Inject. Date: 04-Dec-2012 01:36:14 Dil. Factor: 1.0000
 Sample Type: CCVRT
 Sample ID: 240-0015489-003
 Misc. Info.:
 Operator: Instrument ID: A2HP13
 Injection Vol: 1.0 mL ALS Bottle#: 3
 Lims Batch ID: 67173 Lims Sample ID: 3
 Sublist: chrom-PCB13*sub10
 Detector 1 : GC ECD1A
 Detector 2 : GC ecd2b
 Method: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m
 Last Update: 04-Dec-2012 14:10:39 Calib Date: 22-Oct-2012 03:04:38
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\NCCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
 Limit Group: GC 8082A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK025

First Level Reviewer: hassl

Date: 04-Dec-2012 14:10:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	------------------	-------------	-------	-------

\$ 2 Tetrachloro-m-xylene

1	44	1.292	1.292	0.000	62498269	0.0274			
2	2	1.648	1.648	0.000	40823236	0.0284			

RPD = 3.69

6 PCB-1016

1	100	1.591	1.591	0.000	21517942	0.5293		100.0	M
1	2	1.901	1.901	0.000	37583479	0.5229	149.3- 199.3	174.7	
1	3	2.327	2.327	0.000	83690803	0.5392	350.2- 400.2	388.9	
1	4	2.459	2.459	0.000	34131602	0.5294	130.7- 180.7	158.6	
1	5	2.872	2.872	0.000	34636478	0.5105	137.9- 187.9	161.0	
		Average of Peak Amounts =				0.5262			
2	6	2.144	2.144	0.000	11850822	0.5273		100.0	
2	7	2.567	2.567	0.000	24590712	0.5242	176.5- 236.5	207.5	
2	8	3.050	3.050	0.000	46522536	0.5120	362.5- 422.5	392.6	
2	9	3.197	3.197	0.000	18769983	0.4848	137.9- 197.9	158.4	
2	10	3.849	3.849	0.000	17298998	0.4796	118.8- 178.8	146.0	
		Average of Peak Amounts =				0.5056			

RPD = 4.00

Data File: \\NCC\Chrom\ChromData\A2HP13\20121203-15489.b\P1300003.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1	100	4.166	4.166	0.000	51537559	0.5085		100.0	
1	2	4.475	4.475	0.000	104080459	0.5188	175.1- 225.1	202.0	
1	3	4.777	4.777	0.000	102198258	0.5109	173.2- 223.2	198.3	
1	4	5.526	5.526	0.000	143628251	0.5284	244.1- 294.1	278.7	
1	5	5.831	5.831	0.000	63565772	0.4922	101.5- 151.5	123.3	

Average of Peak Amounts = 0.5117

2	6	5.136	5.136	0.000	35408089	0.5313		100.0	
2	7	5.384	5.384	0.000	41817641	0.5522	86.6- 146.6	118.1	
2	8	5.772	5.772	0.000	61787400	0.5288	142.9- 202.9	174.5	
2	9	6.503	6.503	0.000	76909623	0.5405	179.5- 239.5	217.2	
2	10	6.906	6.906	0.000	52728537	0.5064	121.8- 181.8	148.9	

Average of Peak Amounts = 0.5318

RPD = 3.85

\$ 12 DCB Decachlorobiphenyl

1	100	7.063	7.063	0.000	66387571	0.0284			
2	2	8.217	8.217	0.000	36747273	0.0273			

RPD = 4.14

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 04-Dec-2012 14:10:39

Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300003.D

Injection Date: 04-Dec-2012 01:36:14

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 3

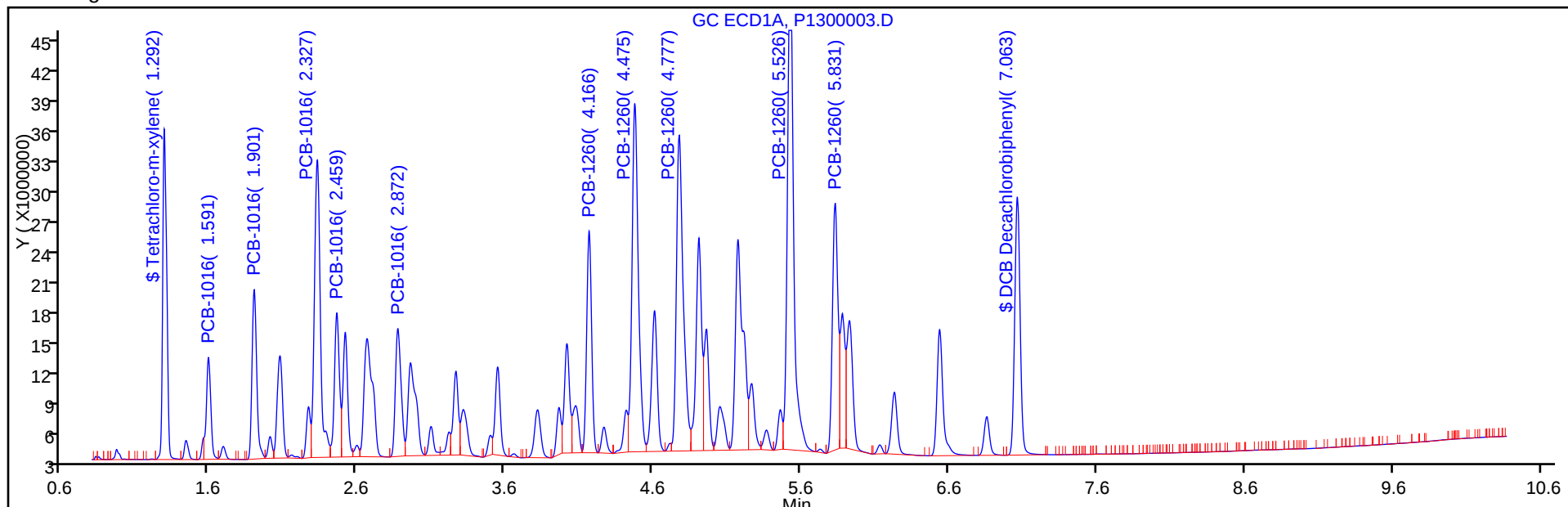
Operator ID:

Injection Vol: 1.0 mL

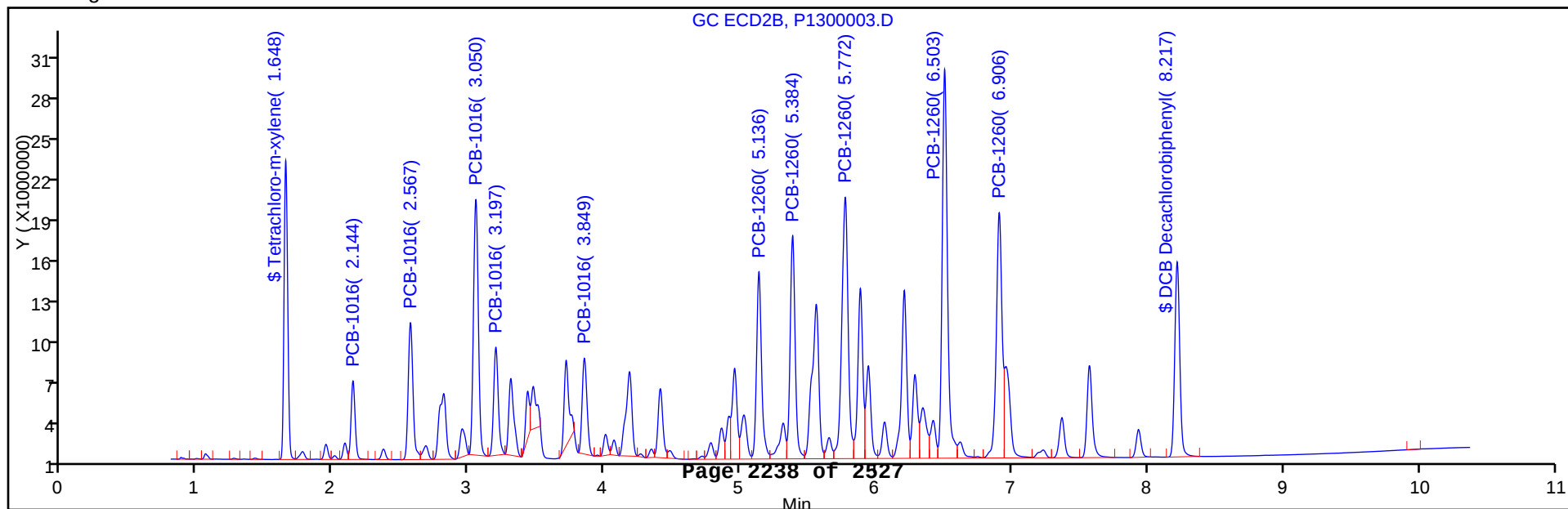
Column Type:

Column Dia:

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton

Data File: \\NCCrom\ChromData\A2HP13\20121203-15489.b\P1300003.D

Injection Date: 04-Dec-2012 01:36:14

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 3

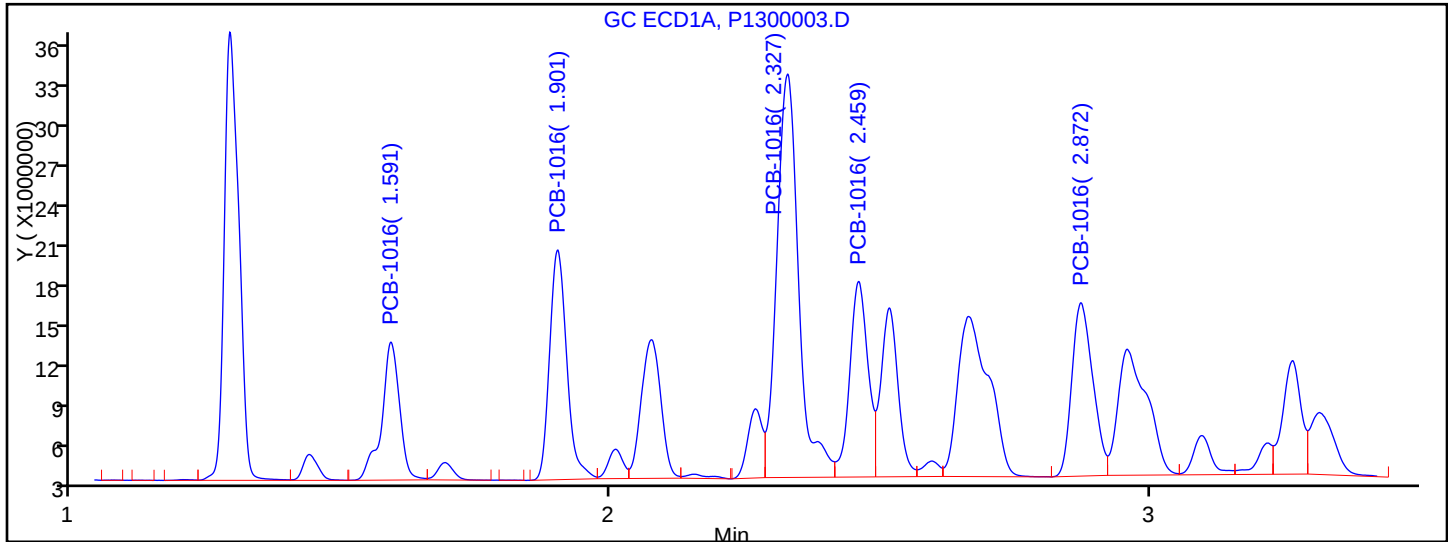
Operator ID:

Injection Vol: 1.0 mL

Column Type:

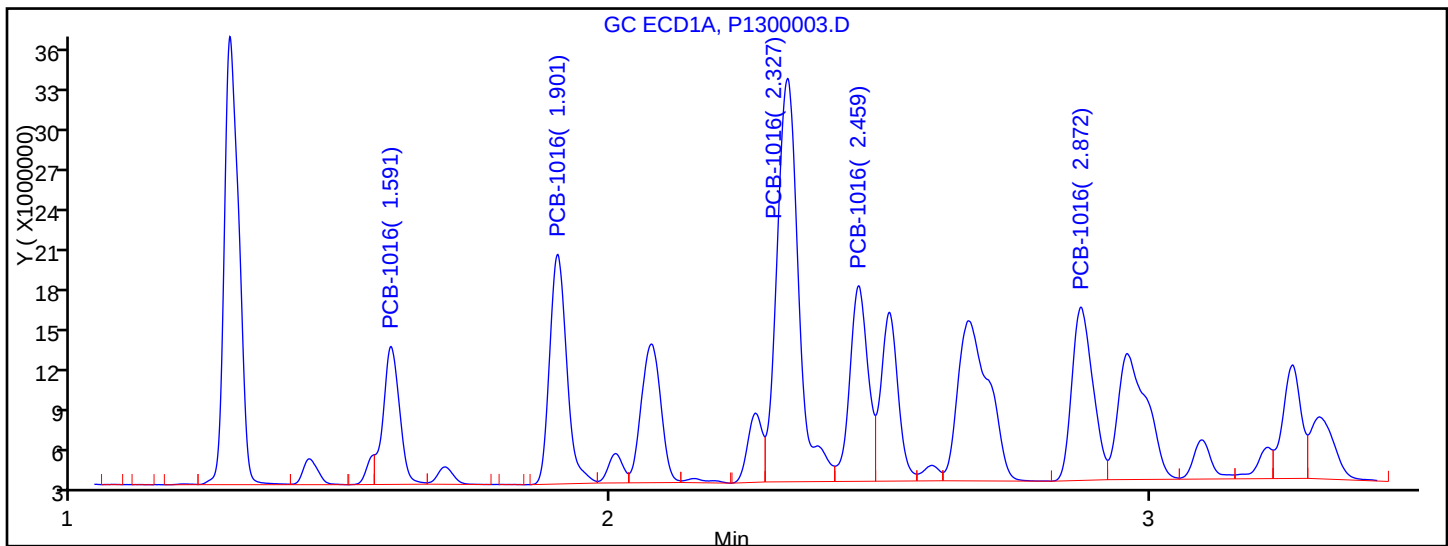
Column Dia:

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.591	Response = 23618278	M
RT = 1.901	Response = 37583479	
RT = 2.327	Response = 83690803	
RT = 2.459	Response = 34131602	
RT = 2.872	Response = 34636478	



Manual Integration Results

RT = 1.591	Response = 21517942	M
RT = 1.901	Response = 37583479	
RT = 2.327	Response = 83690803	
RT = 2.459	Response = 34131602	
RT = 2.872	Response = 34636478	

Reviewer: hassl, 04-Dec-2012 14:10:11

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1
 SDG No.: _____
 Lab Sample ID: CCV 240-67173/3 Calibration Date: 12/04/2012 01:36
 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	23701644		0.527	0.500	5.5	20.0
PCB-1016 Peak 2	Ave	46910344	49181424		0.524	0.500	4.8	20.0
PCB-1016 Peak 3	Ave	90857261	93045072		0.512	0.500	2.4	20.0
PCB-1016 Peak 4	Ave	38716589	37539966		0.485	0.500	-3.0	20.0
PCB-1016 Peak 5	Ave	36067525	34597996		0.480	0.500	-4.1	20.0
PCB-1260 Peak 1	Ave	66648717	70816178		0.531	0.500	6.3	20.0
PCB-1260 Peak 2	Lin1		83635282		0.552	0.500	10.4	20.0
PCB-1260 Peak 3	Ave	116834929	123574800		0.529	0.500	5.8	20.0
PCB-1260 Peak 4	Ave	142290611	153819246		0.541	0.500	8.1	20.0
PCB-1260 Peak 5	Ave	104134113	105457074		0.506	0.500	1.3	20.0
Tetrachloro-m-xylene	Ave	1437051097	1632929440		0.0284	0.0250	13.6	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1469890920		0.0273	0.0250	9.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67173/3 Calibration Date: 12/04/2012 01:36
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	2.14	2.09	2.19
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	3.85	3.80	3.90
PCB-1260 Peak 1	5.14	5.09	5.19
PCB-1260 Peak 2	5.38	5.33	5.43
PCB-1260 Peak 3	5.77	5.72	5.82
PCB-1260 Peak 4	6.50	6.45	6.55
PCB-1260 Peak 5	6.91	6.86	6.96
Tetrachloro-m-xylene	1.65	1.60	1.70
DCB Decachlorobiphenyl	8.22	8.17	8.27

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300003.D
 Lims ID: CCV AR1660 Client ID:
 Inject. Date: 04-Dec-2012 01:36:14 Dil. Factor: 1.0000
 Sample Type: CCVRT
 Sample ID: 240-0015489-003
 Misc. Info.:
 Operator: Instrument ID: A2HP13
 Injection Vol: 1.0 mL ALS Bottle#: 3
 Lims Batch ID: 67173 Lims Sample ID: 3
 Sublist: chrom-PCB13*sub10
 Detector 1 : GC ECD1A
 Detector 2 : GC ecd2b
 Method: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m
 Last Update: 04-Dec-2012 14:10:39 Calib Date: 22-Oct-2012 03:04:38
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\NCCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
 Limit Group: GC 8082A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK025

First Level Reviewer: hassl

Date: 04-Dec-2012 14:10:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	------------------	-------------	-------	-------

\$ 2 Tetrachloro-m-xylene

1	44	1.292	1.292	0.000	62498269	0.0274			
2	2	1.648	1.648	0.000	40823236	0.0284			

RPD = 3.69

6 PCB-1016

1	100	1.591	1.591	0.000	21517942	0.5293		100.0	M
1	2	1.901	1.901	0.000	37583479	0.5229	149.3- 199.3	174.7	
1	3	2.327	2.327	0.000	83690803	0.5392	350.2- 400.2	388.9	
1	4	2.459	2.459	0.000	34131602	0.5294	130.7- 180.7	158.6	
1	5	2.872	2.872	0.000	34636478	0.5105	137.9- 187.9	161.0	
		Average of Peak Amounts =				0.5262			
2	6	2.144	2.144	0.000	11850822	0.5273		100.0	
2	7	2.567	2.567	0.000	24590712	0.5242	176.5- 236.5	207.5	
2	8	3.050	3.050	0.000	46522536	0.5120	362.5- 422.5	392.6	
2	9	3.197	3.197	0.000	18769983	0.4848	137.9- 197.9	158.4	
2	10	3.849	3.849	0.000	17298998	0.4796	118.8- 178.8	146.0	
		Average of Peak Amounts =				0.5056			

RPD = 4.00

Data File: \\NCC\Chrom\ChromData\A2HP13\20121203-15489.b\P1300003.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1	100	4.166	4.166	0.000	51537559	0.5085		100.0	
1	2	4.475	4.475	0.000	104080459	0.5188	175.1- 225.1	202.0	
1	3	4.777	4.777	0.000	102198258	0.5109	173.2- 223.2	198.3	
1	4	5.526	5.526	0.000	143628251	0.5284	244.1- 294.1	278.7	
1	5	5.831	5.831	0.000	63565772	0.4922	101.5- 151.5	123.3	

Average of Peak Amounts = 0.5117

2	6	5.136	5.136	0.000	35408089	0.5313		100.0	
2	7	5.384	5.384	0.000	41817641	0.5522	86.6- 146.6	118.1	
2	8	5.772	5.772	0.000	61787400	0.5288	142.9- 202.9	174.5	
2	9	6.503	6.503	0.000	76909623	0.5405	179.5- 239.5	217.2	
2	10	6.906	6.906	0.000	52728537	0.5064	121.8- 181.8	148.9	

Average of Peak Amounts = 0.5318

RPD = 3.85

\$ 12 DCB Decachlorobiphenyl

1	100	7.063	7.063	0.000	66387571	0.0284			
2	2	8.217	8.217	0.000	36747273	0.0273			

RPD = 4.14

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 04-Dec-2012 14:10:40

Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCC\Chrom\ChromData\A2HP13\20121203-15489.b\P1300003.D

Injection Date: 04-Dec-2012 01:36:14

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 3

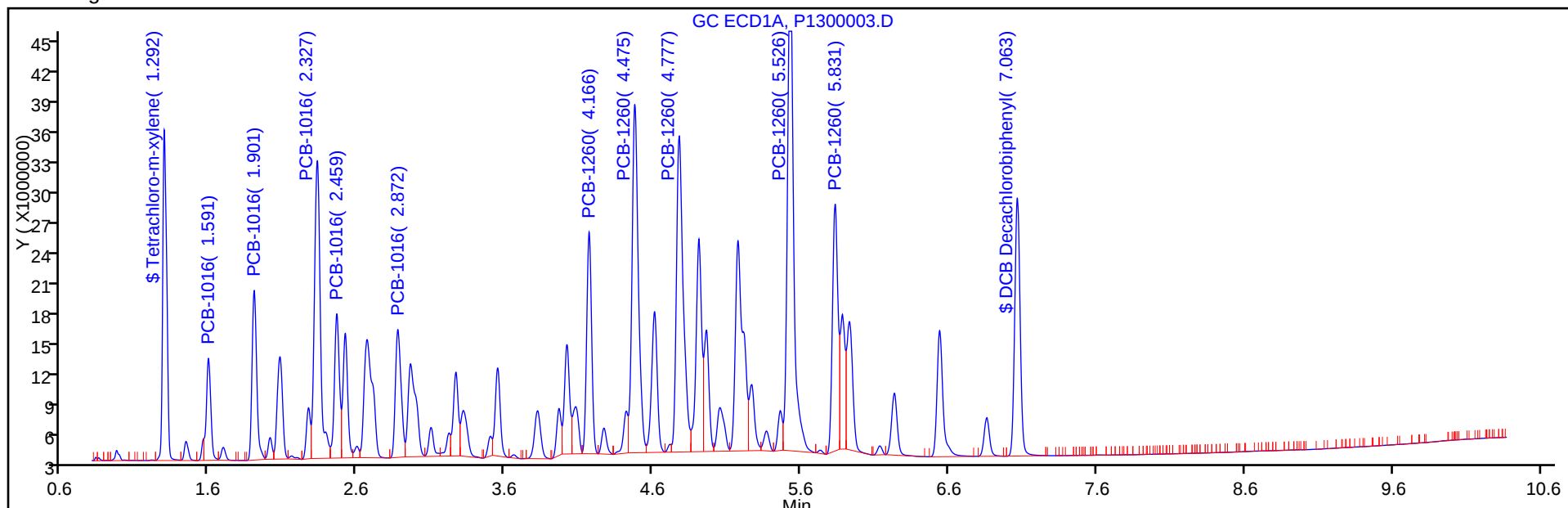
Operator ID:

Injection Vol: 1.0 mL

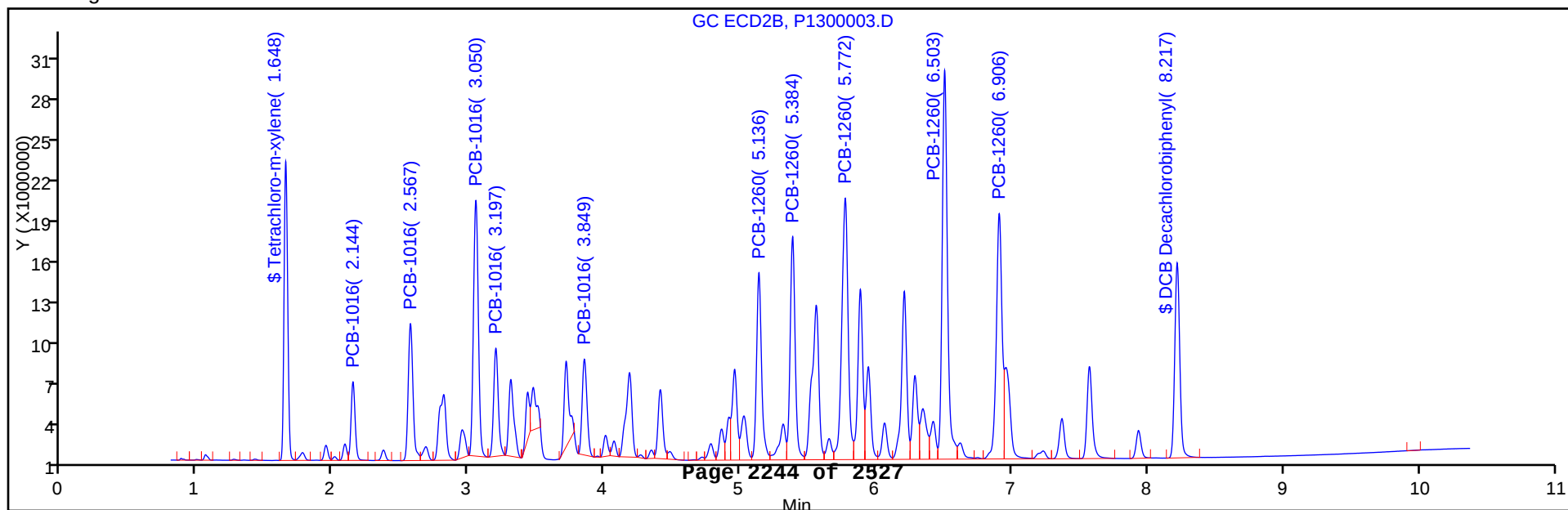
Column Type:

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.: 240-17768-1
 SDG No.: _____
 Lab Sample ID: CCV 240-67173/21 Calibration Date: 12/04/2012 06:12
 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: P1300021.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	40501596		0.498	0.500	-0.4	20.0
PCB-1016 Peak 2	Ave	71876982	72831318		0.507	0.500	1.3	20.0
PCB-1016 Peak 3	Ave	155218061	157349830		0.507	0.500	1.4	20.0
PCB-1016 Peak 4	Ave	64472512	66536738		0.516	0.500	3.2	20.0
PCB-1016 Peak 5	Ave	67849134	69554424		0.513	0.500	2.5	20.0
PCB-1260 Peak 1	Ave	101355640	104065672		0.513	0.500	2.7	20.0
PCB-1260 Peak 2	Ave	200632590	207123500		0.516	0.500	3.2	20.0
PCB-1260 Peak 3	Ave	200043209	204845972		0.512	0.500	2.4	20.0
PCB-1260 Peak 4	Ave	271809958	288188568		0.530	0.500	6.0	20.0
PCB-1260 Peak 5	Ave	129152153	127663230		0.494	0.500	-1.2	20.0
Tetrachloro-m-xylene	Ave	2282867563	2389222440		0.0262	0.0250	4.7	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2563327720		0.0274	0.0250	9.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67173/21 Calibration Date: 12/04/2012 06:12
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: P1300021.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	2.28	2.38
PCB-1016 Peak 4	2.46	2.41	2.51
PCB-1016 Peak 5	2.87	2.82	2.92
PCB-1260 Peak 1	4.17	4.12	4.22
PCB-1260 Peak 2	4.48	4.43	4.53
PCB-1260 Peak 3	4.77	4.72	4.82
PCB-1260 Peak 4	5.53	5.48	5.58
PCB-1260 Peak 5	5.83	5.78	5.88
Tetrachloro-m-xylene	1.29	1.24	1.34
DCB Decachlorobiphenyl	7.06	7.01	7.11

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300021.D
 Lims ID: CCV AR1660 Client ID:
 Inject. Date: 04-Dec-2012 06:12:26 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: 240-0015489-021
 Misc. Info.:
 Operator: Instrument ID: A2HP13
 Injection Vol: 1.0 mL ALS Bottle#: 21
 Lims Batch ID: 67173 Lims Sample ID: 21
 Sublist: chrom-PCB13*sub10
 Detector 1 : GC ECD1A
 Detector 2 : GC ecd2b
 Method: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m
 Last Update: 04-Dec-2012 14:10:36 Calib Date: 22-Oct-2012 03:04:38
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\NCCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
 Limit Group: GC 8082A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK025

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

\$ 2 Tetrachloro-m-xylene

1	44	1.291	1.291	0.000	59730561	0.0262			
2	2	1.647	1.647	0.000	39151222	0.0272			

RPD = 4.04

6 PCB-1016

1	100	1.590	1.590	0.000	20250798	0.4981		100.0	
1	2	1.898	1.898	0.000	36415659	0.5066	149.3- 199.3	179.8	
1	3	2.325	2.325	0.000	78674915	0.5069	350.2- 400.2	388.5	
1	4	2.457	2.457	0.000	33268369	0.5160	130.7- 180.7	164.3	
1	5	2.870	2.870	0.000	34777212	0.5126	137.9- 187.9	171.7	
Average of Peak Amounts =						0.5080			
2	6	2.143	2.143	0.000	11800959	0.5251		100.0	
2	7	2.567	2.567	0.000	22909260	0.4884	176.5- 236.5	194.1	
2	8	3.050	3.050	0.000	47766024	0.5257	362.5- 422.5	404.8	
2	9	3.196	3.196	0.000	19079012	0.4928	137.9- 197.9	161.7	
2	10	3.850	3.850	0.000	19178737	0.5317	118.8- 178.8	162.5	
Average of Peak Amounts =						0.5127			

RPD = 0.92

Data File: \\NCCchrom\ChromData\A2HP13\20121203-15489.b\P1300021.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1	100	4.165	4.165	0.000	52032836	0.5134		100.0	
1	2	4.475	4.475	0.000	103561750	0.5162	175.1- 225.1	199.0	
1	3	4.774	4.774	0.000	102422986	0.5120	173.2- 223.2	196.8	
1	4	5.525	5.525	0.000	144094284	0.5301	244.1- 294.1	276.9	
1	5	5.829	5.829	0.000	63831615	0.4942	101.5- 151.5	122.7	
Average of Peak Amounts =						0.5132			
2	6	5.135	5.135	0.000	34625089	0.5195		100.0	
2	7	5.384	5.384	0.000	43136825	0.5709	86.6- 146.6	124.6	
2	8	5.771	5.771	0.000	62352269	0.5337	142.9- 202.9	180.1	
2	9	6.504	6.504	0.000	79117717	0.5560	179.5- 239.5	228.5	
2	10	6.907	6.907	0.000	55520332	0.5332	121.8- 181.8	160.3	
Average of Peak Amounts =						0.5427			
						RPD = 5.58			

\$ 12 DCB Decachlorobiphenyl

1	100	7.063	7.063	0.000	64083193	0.0274			
2	2	8.217	8.217	0.000	37153873	0.0276			
						RPD = 0.49			

TestAmerica Canton

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300021.D

Injection Date: 04-Dec-2012 06:12:26

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 21

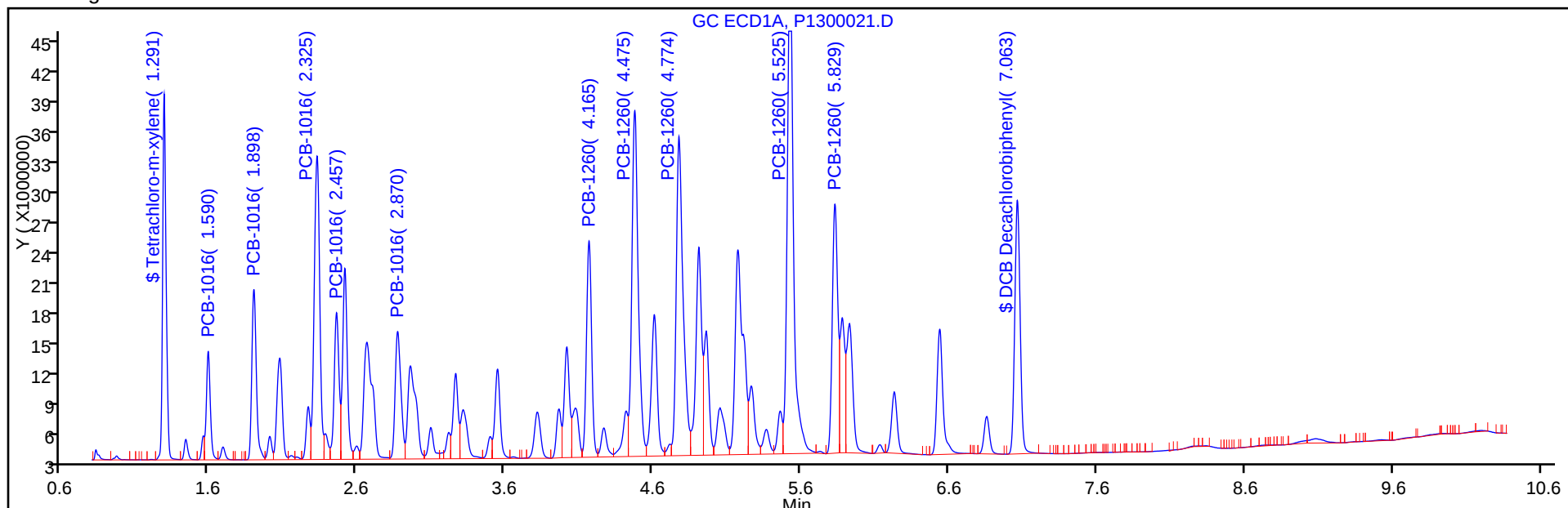
Operator ID:

Injection Vol: 1.0 mL

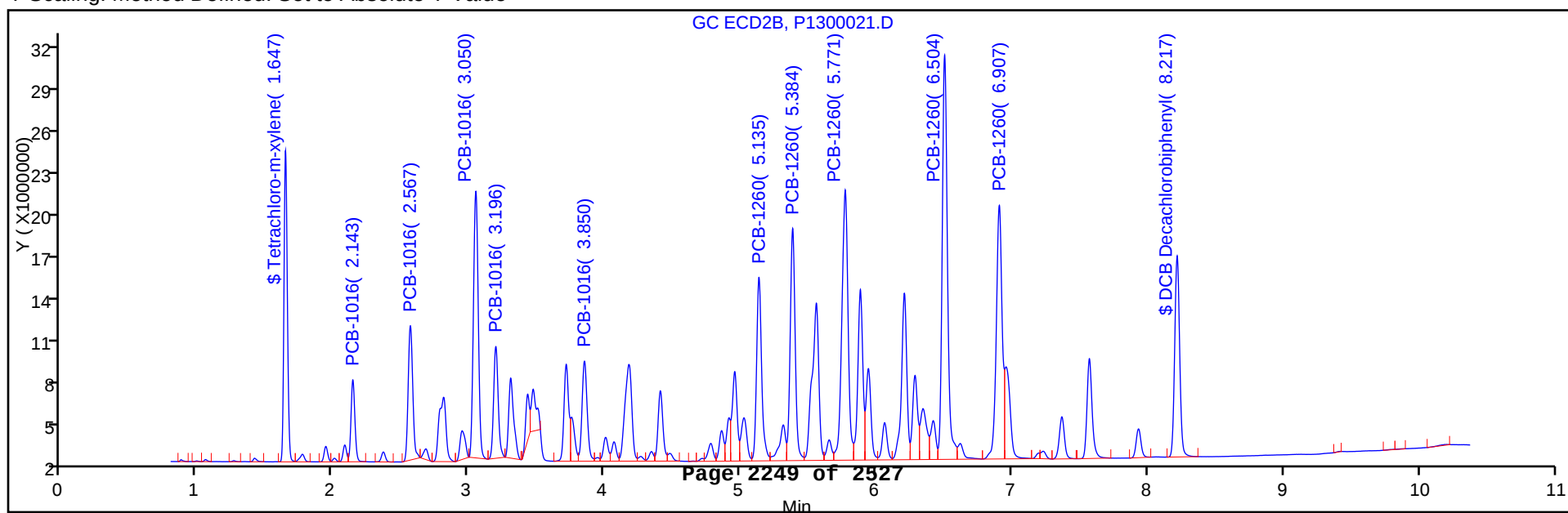
Column Type:

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.: 240-17768-1
 SDG No.: _____
 Lab Sample ID: CCV 240-67173/21 Calibration Date: 12/04/2012 06:12
 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: P1300021.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	23601918		0.525	0.500	5.0	20.0
PCB-1016 Peak 2	Ave	46910344	45818520		0.488	0.500	-2.3	20.0
PCB-1016 Peak 3	Ave	90857261	95532048		0.526	0.500	5.1	20.0
PCB-1016 Peak 4	Ave	38716589	38158024		0.493	0.500	-1.4	20.0
PCB-1016 Peak 5	Ave	36067525	38357474		0.532	0.500	6.3	20.0
PCB-1260 Peak 1	Ave	66648717	69250178		0.520	0.500	3.9	20.0
PCB-1260 Peak 2	Lin1		86273650		0.571	0.500	14.2	20.0
PCB-1260 Peak 3	Ave	116834929	124704538		0.534	0.500	6.7	20.0
PCB-1260 Peak 4	Ave	142290611	158235434		0.556	0.500	11.2	20.0
PCB-1260 Peak 5	Ave	104134113	111040664		0.533	0.500	6.6	20.0
Tetrachloro-m-xylene	Ave	1437051097	1566048880		0.0272	0.0250	9.0	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1486154920		0.0276	0.0250	10.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67173/21 Calibration Date: 12/04/2012 06:12
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: P1300021.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
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	3.85	3.80	3.90
PCB-1260 Peak 1	5.14	5.09	5.19
PCB-1260 Peak 2	5.38	5.33	5.43
PCB-1260 Peak 3	5.77	5.72	5.82
PCB-1260 Peak 4	6.50	6.45	6.55
PCB-1260 Peak 5	6.91	6.86	6.96
Tetrachloro-m-xylene	1.65	1.60	1.70
DCB Decachlorobiphenyl	8.22	8.17	8.27

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300021.D
 Lims ID: CCV AR1660 Client ID:
 Inject. Date: 04-Dec-2012 06:12:26 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: 240-0015489-021
 Misc. Info.:
 Operator: Instrument ID: A2HP13
 Injection Vol: 1.0 mL ALS Bottle#: 21
 Lims Batch ID: 67173 Lims Sample ID: 21
 Sublist: chrom-PCB13*sub10
 Detector 1 : GC ECD1A
 Detector 2 : GC ecd2b
 Method: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m
 Last Update: 04-Dec-2012 14:10:36 Calib Date: 22-Oct-2012 03:04:38
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\NCCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
 Limit Group: GC 8082A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK025

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

\$ 2 Tetrachloro-m-xylene

1	44	1.291	1.291	0.000	59730561	0.0262			
2	2	1.647	1.647	0.000	39151222	0.0272			

RPD = 4.04

6 PCB-1016

1	100	1.590	1.590	0.000	20250798	0.4981		100.0	
1	2	1.898	1.898	0.000	36415659	0.5066	149.3- 199.3	179.8	
1	3	2.325	2.325	0.000	78674915	0.5069	350.2- 400.2	388.5	
1	4	2.457	2.457	0.000	33268369	0.5160	130.7- 180.7	164.3	
1	5	2.870	2.870	0.000	34777212	0.5126	137.9- 187.9	171.7	
Average of Peak Amounts =						0.5080			
2	6	2.143	2.143	0.000	11800959	0.5251		100.0	
2	7	2.567	2.567	0.000	22909260	0.4884	176.5- 236.5	194.1	
2	8	3.050	3.050	0.000	47766024	0.5257	362.5- 422.5	404.8	
2	9	3.196	3.196	0.000	19079012	0.4928	137.9- 197.9	161.7	
2	10	3.850	3.850	0.000	19178737	0.5317	118.8- 178.8	162.5	
Average of Peak Amounts =						0.5127			

RPD = 0.92

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300021.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1	100	4.165	4.165	0.000	52032836	0.5134		100.0	
1	2	4.475	4.475	0.000	103561750	0.5162	175.1- 225.1	199.0	
1	3	4.774	4.774	0.000	102422986	0.5120	173.2- 223.2	196.8	
1	4	5.525	5.525	0.000	144094284	0.5301	244.1- 294.1	276.9	
1	5	5.829	5.829	0.000	63831615	0.4942	101.5- 151.5	122.7	

Average of Peak Amounts = 0.5132

2	6	5.135	5.135	0.000	34625089	0.5195		100.0	
2	7	5.384	5.384	0.000	43136825	0.5709	86.6- 146.6	124.6	
2	8	5.771	5.771	0.000	62352269	0.5337	142.9- 202.9	180.1	
2	9	6.504	6.504	0.000	79117717	0.5560	179.5- 239.5	228.5	
2	10	6.907	6.907	0.000	55520332	0.5332	121.8- 181.8	160.3	

Average of Peak Amounts = 0.5427

RPD = 5.58

\$ 12 DCB Decachlorobiphenyl

1	100	7.063	7.063	0.000	64083193	0.0274			
2	2	8.217	8.217	0.000	37153873	0.0276			

RPD = 0.49

Report Date: 04-Dec-2012 14:10:37

Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300021.D

Injection Date: 04-Dec-2012 06:12:26

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 21

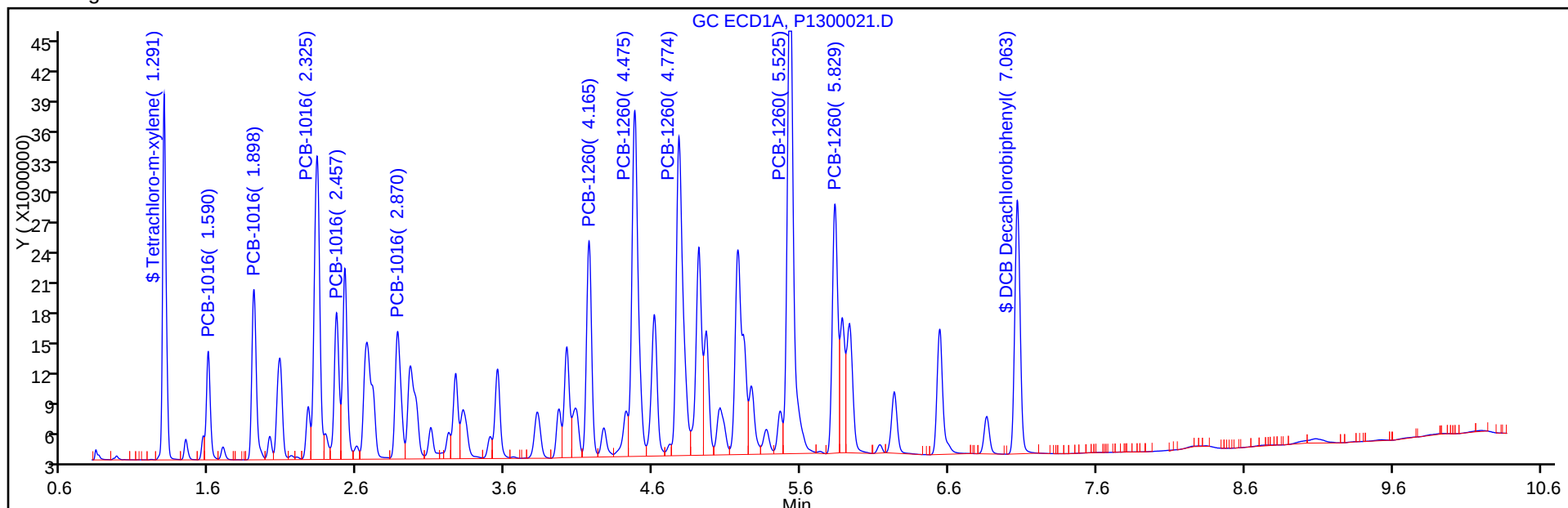
Operator ID:

Injection Vol: 1.0 mL

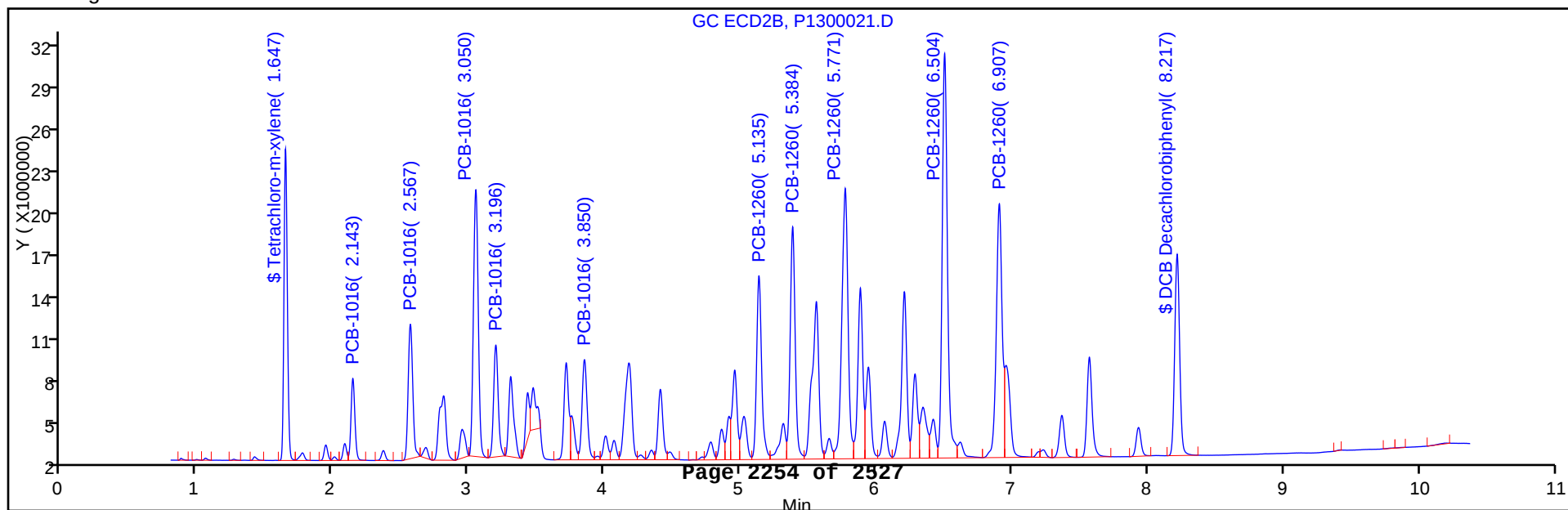
Column Type:

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.: 240-17768-1
 SDG No.: _____
 Lab Sample ID: CCV 240-67173/31 Calibration Date: 12/04/2012 08:41
 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: P1300031.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	41682272		0.513	0.500	2.5	20.0
PCB-1016 Peak 2	Ave	71876982	74913688		0.521	0.500	4.2	20.0
PCB-1016 Peak 3	Ave	155218061	163902238		0.528	0.500	5.6	20.0
PCB-1016 Peak 4	Ave	64472512	67637164		0.525	0.500	4.9	20.0
PCB-1016 Peak 5	Ave	67849134	71618210		0.528	0.500	5.6	20.0
PCB-1260 Peak 1	Ave	101355640	108684392		0.536	0.500	7.2	20.0
PCB-1260 Peak 2	Ave	200632590	218162612		0.544	0.500	8.7	20.0
PCB-1260 Peak 3	Ave	200043209	217035080		0.542	0.500	8.5	20.0
PCB-1260 Peak 4	Ave	271809958	306467092		0.564	0.500	12.8	20.0
PCB-1260 Peak 5	Ave	129152153	135859188		0.526	0.500	5.2	20.0
Tetrachloro-m-xylene	Ave	2282867563	2471616000		0.0271	0.0250	8.3	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2678045720		0.0287	0.0250	14.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67173/31 Calibration Date: 12/04/2012 08:41
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: P1300031.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	2.28	2.38
PCB-1016 Peak 4	2.46	2.41	2.51
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	5.53	5.48	5.58
PCB-1260 Peak 5	5.83	5.78	5.88
Tetrachloro-m-xylene	1.29	1.24	1.34
DCB Decachlorobiphenyl	7.06	7.01	7.11

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300031.D
 Lims ID: CCV AR1660 Client ID:
 Inject. Date: 04-Dec-2012 08:41:47 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: 240-0015489-031
 Misc. Info.:
 Operator: Instrument ID: A2HP13
 Injection Vol: 1.0 mL ALS Bottle#: 31
 Lims Batch ID: 67173 Lims Sample ID: 31
 Sublist: chrom-PCB13*sub10
 Detector 1 : GC ECD1A
 Detector 2 : GC ecd2b
 Method: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m
 Last Update: 04-Dec-2012 13:27:07 Calib Date: 22-Oct-2012 03:04:38
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\NCCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
 Limit Group: GC 8082A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK025

First Level Reviewer: hassl

Date: 04-Dec-2012 13:23:28

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	---------------------	-------------	-------	-------

\$ 2 Tetrachloro-m-xylene

1	44	1.291	1.291	0.000	61790400	0.0271			
2	2	1.647	1.647	0.000	40660636	0.0283			

RPD = 4.43

6 PCB-1016

1	100	1.589	1.589	0.000	20841136	0.5126		100.0	
1	2	1.899	1.899	0.000	37456844	0.5211	149.3- 199.3	179.7	
1	3	2.326	2.326	0.000	81951119	0.5280	350.2- 400.2	393.2	
1	4	2.458	2.458	0.000	33818582	0.5245	130.7- 180.7	162.3	
1	5	2.870	2.870	0.000	35809105	0.5278	137.9- 187.9	171.8	
		Average of Peak Amounts =				0.5228			
2	6	2.144	2.144	0.000	12403868	0.5519		100.0	
2	7	2.567	2.567	0.000	25131775	0.5357	176.5- 236.5	202.6	
2	8	3.049	3.049	0.000	52702140	0.5801	362.5- 422.5	424.9	
2	9	3.197	3.197	0.000	21967261	0.5674	137.9- 197.9	177.1	
2	10	3.849	3.849	0.000	20202806	0.5601	118.8- 178.8	162.9	
		Average of Peak Amounts =				0.5591			

RPD = 6.70

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300031.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1	100	4.164	4.164	0.000	54342196	0.5362		100.0	
1	2	4.474	4.474	0.000	109081306	0.5437	175.1- 225.1	200.7	
1	3	4.774	4.774	0.000	108517540	0.5425	173.2- 223.2	199.7	
1	4	5.525	5.525	0.000	153233546	0.5638	244.1- 294.1	282.0	
1	5	5.828	5.828	0.000	67929594	0.5260	101.5- 151.5	125.0	

Average of Peak Amounts = 0.5424

2	6	5.135	5.135	0.000	36472129	0.5472		100.0	
2	7	5.382	5.382	0.000	44537634	0.5909	86.6- 146.6	122.1	
2	8	5.770	5.770	0.000	66212797	0.5667	142.9- 202.9	181.5	
2	9	6.504	6.504	0.000	84264058	0.5922	179.5- 239.5	231.0	
2	10	6.905	6.905	0.000	58652247	0.5632	121.8- 181.8	160.8	

Average of Peak Amounts = 0.5721

RPD = 5.32

\$ 12 DCB Decachlorobiphenyl

1	100	7.064	7.064	0.000	66951143	0.0287			
2	2	8.216	8.216	0.000	39077845	0.0290			

RPD = 1.16

Report Date: 04-Dec-2012 13:27:07

Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300031.D

Injection Date: 04-Dec-2012 08:41:47

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 31

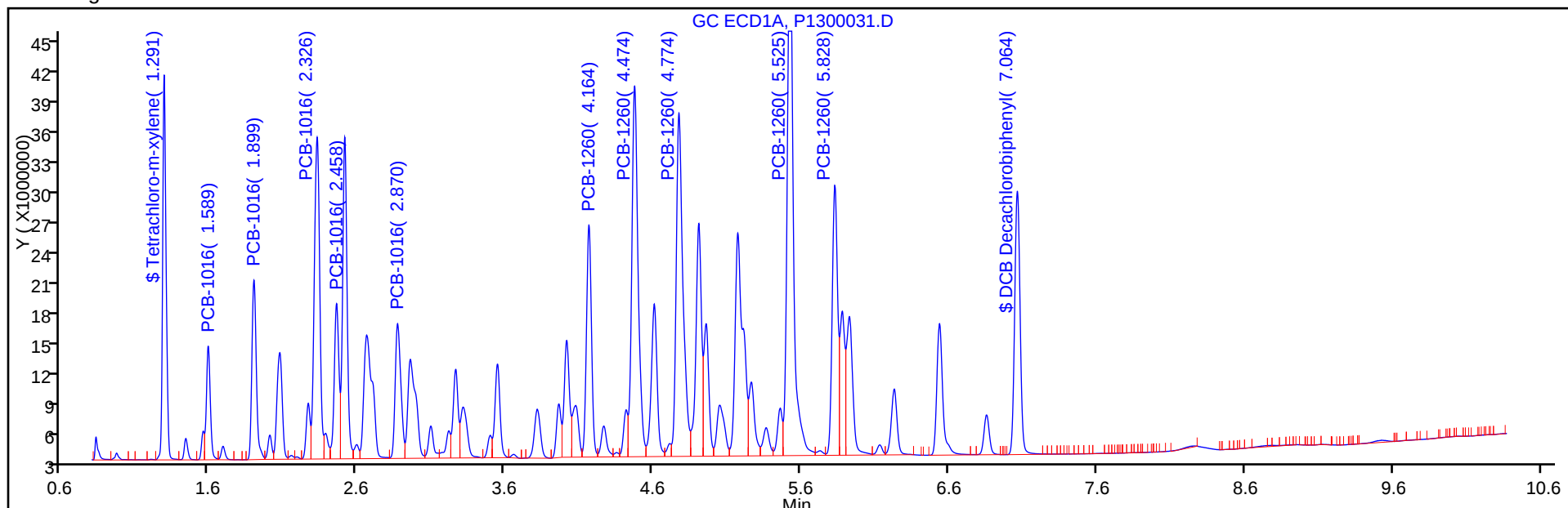
Operator ID:

Injection Vol: 1.0 mL

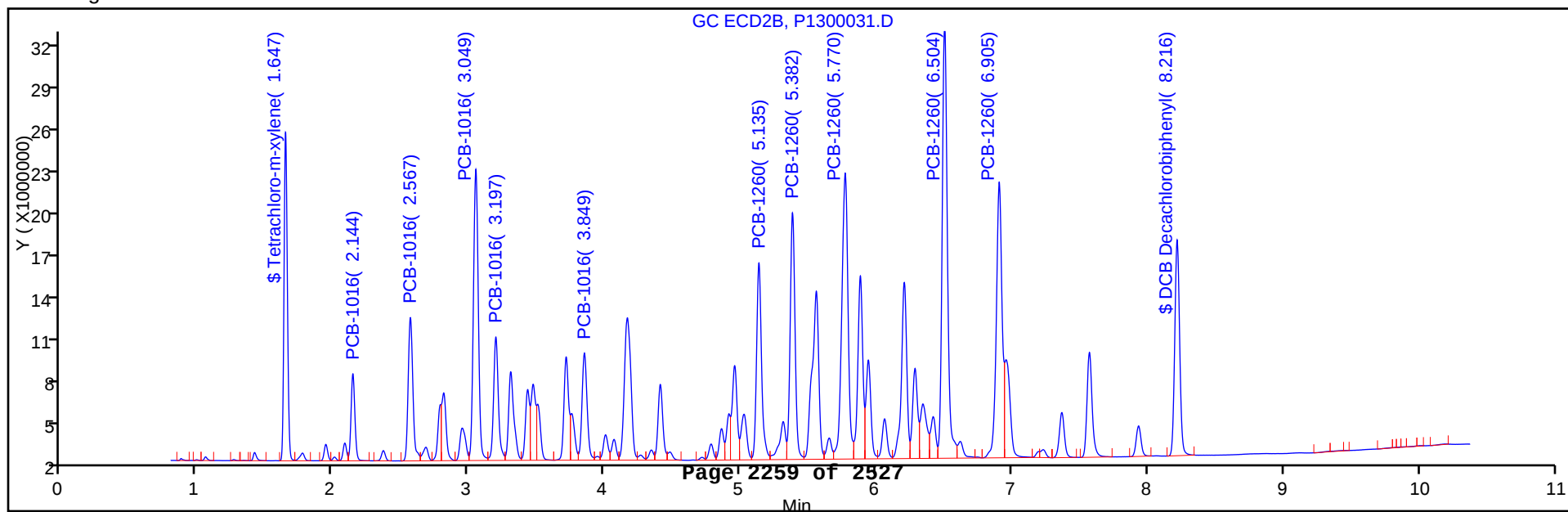
Column Type:

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.: 240-17768-1
 SDG No.: _____
 Lab Sample ID: CCV 240-67173/31 Calibration Date: 12/04/2012 08:41
 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: P1300031.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	24807736		0.552	0.500	10.4	20.0
PCB-1016 Peak 2	Ave	46910344	50263550		0.536	0.500	7.1	20.0
PCB-1016 Peak 3	Ave	90857261	105404280		0.580	0.500	16.0	20.0
PCB-1016 Peak 4	Ave	38716589	43934522		0.567	0.500	13.5	20.0
PCB-1016 Peak 5	Ave	36067525	40405612		0.560	0.500	12.0	20.0
PCB-1260 Peak 1	Ave	66648717	72944258		0.547	0.500	9.4	20.0
PCB-1260 Peak 2	Lin1		89075268		0.591	0.500	18.2	20.0
PCB-1260 Peak 3	Ave	116834929	132425594		0.567	0.500	13.3	20.0
PCB-1260 Peak 4	Ave	142290611	168528116		0.592	0.500	18.4	20.0
PCB-1260 Peak 5	Ave	104134113	117304494		0.563	0.500	12.6	20.0
Tetrachloro-m-xylene	Ave	1437051097	1626425440		0.0283	0.0250	13.2	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1563113800		0.0290	0.0250	16.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67173/31 Calibration Date: 12/04/2012 08:41
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: P1300031.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.14	2.09	2.19
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	3.85	3.80	3.90
PCB-1260 Peak 1	5.14	5.09	5.19
PCB-1260 Peak 2	5.38	5.33	5.43
PCB-1260 Peak 3	5.77	5.72	5.82
PCB-1260 Peak 4	6.50	6.45	6.55
PCB-1260 Peak 5	6.91	6.86	6.96
Tetrachloro-m-xylene	1.65	1.60	1.70
DCB Decachlorobiphenyl	8.22	8.17	8.27

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300031.D
 Lims ID: CCV AR1660 Client ID:
 Inject. Date: 04-Dec-2012 08:41:47 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: 240-0015489-031
 Misc. Info.:
 Operator: Instrument ID: A2HP13
 Injection Vol: 1.0 mL ALS Bottle#: 31
 Lims Batch ID: 67173 Lims Sample ID: 31
 Sublist: chrom-PCB13*sub10
 Detector 1 : GC ECD1A
 Detector 2 : GC ecd2b
 Method: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m
 Last Update: 04-Dec-2012 13:27:07 Calib Date: 22-Oct-2012 03:04:38
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\NCCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
 Limit Group: GC 8082A ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK025

First Level Reviewer: hassl

Date: 04-Dec-2012 13:23:28

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	--------	--------	----------	---------------------	-------------	-------	-------

\$ 2 Tetrachloro-m-xylene

1	44	1.291	1.291	0.000	61790400	0.0271			
2	2	1.647	1.647	0.000	40660636	0.0283			

RPD = 4.43

6 PCB-1016

1	100	1.589	1.589	0.000	20841136	0.5126		100.0	
1	2	1.899	1.899	0.000	37456844	0.5211	149.3- 199.3	179.7	
1	3	2.326	2.326	0.000	81951119	0.5280	350.2- 400.2	393.2	
1	4	2.458	2.458	0.000	33818582	0.5245	130.7- 180.7	162.3	
1	5	2.870	2.870	0.000	35809105	0.5278	137.9- 187.9	171.8	
		Average of Peak Amounts =				0.5228			
2	6	2.144	2.144	0.000	12403868	0.5519		100.0	
2	7	2.567	2.567	0.000	25131775	0.5357	176.5- 236.5	202.6	
2	8	3.049	3.049	0.000	52702140	0.5801	362.5- 422.5	424.9	
2	9	3.197	3.197	0.000	21967261	0.5674	137.9- 197.9	177.1	
2	10	3.849	3.849	0.000	20202806	0.5601	118.8- 178.8	162.9	
		Average of Peak Amounts =				0.5591			

RPD = 6.70

Data File: \\NCCchrom\ChromData\A2HP13\20121203-15489.b\P1300031.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1	100	4.164	4.164	0.000	54342196	0.5362		100.0	
1	2	4.474	4.474	0.000	109081306	0.5437	175.1- 225.1	200.7	
1	3	4.774	4.774	0.000	108517540	0.5425	173.2- 223.2	199.7	
1	4	5.525	5.525	0.000	153233546	0.5638	244.1- 294.1	282.0	
1	5	5.828	5.828	0.000	67929594	0.5260	101.5- 151.5	125.0	

Average of Peak Amounts = 0.5424

2	6	5.135	5.135	0.000	36472129	0.5472		100.0	
2	7	5.382	5.382	0.000	44537634	0.5909	86.6- 146.6	122.1	
2	8	5.770	5.770	0.000	66212797	0.5667	142.9- 202.9	181.5	
2	9	6.504	6.504	0.000	84264058	0.5922	179.5- 239.5	231.0	
2	10	6.905	6.905	0.000	58652247	0.5632	121.8- 181.8	160.8	

Average of Peak Amounts = 0.5721

RPD = 5.32

\$ 12 DCB Decachlorobiphenyl

1	100	7.064	7.064	0.000	66951143	0.0287			
2	2	8.216	8.216	0.000	39077845	0.0290			

RPD = 1.16

Report Date: 04-Dec-2012 13:27:08

Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCC\Chrom\ChromData\A2HP13\20121203-15489.b\P1300031.D

Injection Date: 04-Dec-2012 08:41:47

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 31

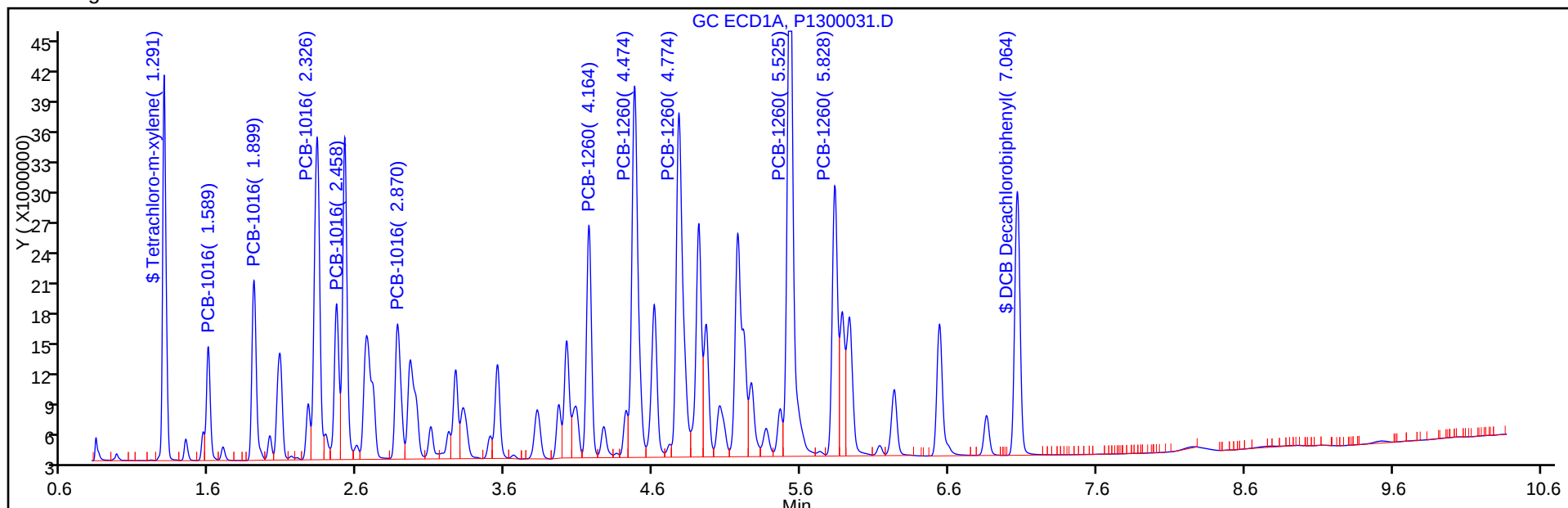
Operator ID:

Injection Vol: 1.0 mL

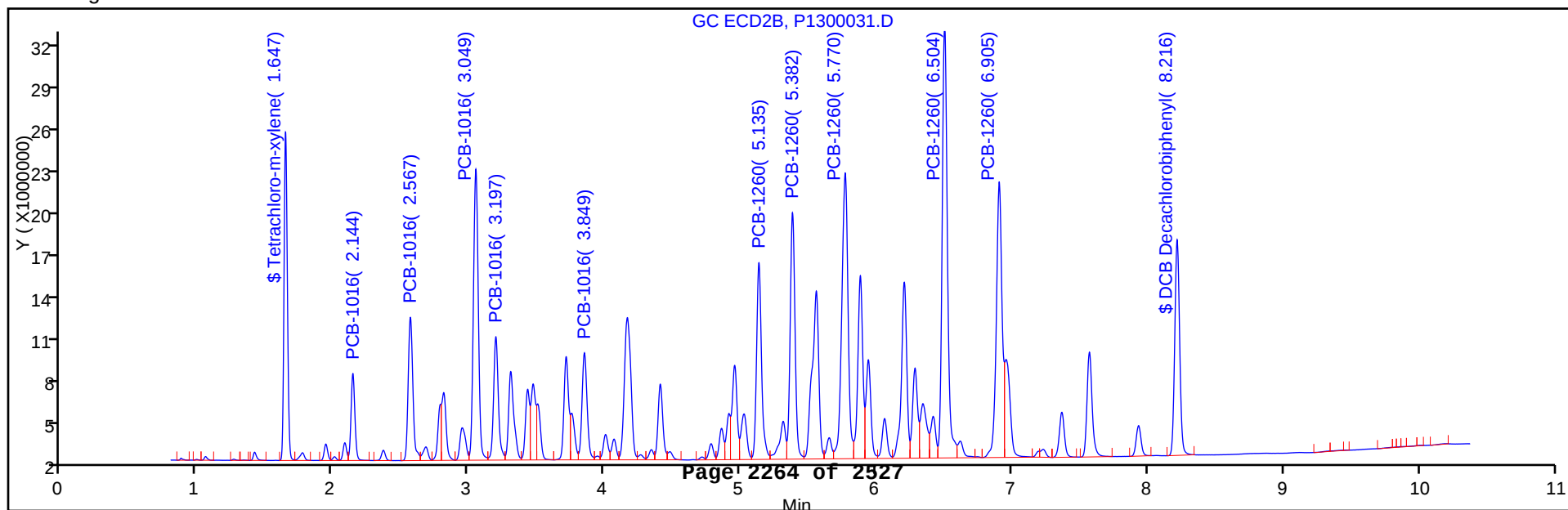
Column Type:

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.: 240-17768-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 240-66777/20-A
Matrix: Solid Lab File ID: P1300020.D
Analysis Method: 8082/DOD Date Collected: _____
Extraction Method: 3540C Date Extracted: 11/29/2012 11:28
Sample wt/vol: 30.00(g) Date Analyzed: 12/04/2012 05:57
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(mL) GC Column: CLP-1 ID: 0.53(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	83		40-140
2051-24-3	DCB Decachlorobiphenyl	90		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300020.D
 Lims ID: MB 240-66777/20-A Client ID:
 Inject. Date: 04-Dec-2012 05:57:31 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: 240-0015489-020
 Misc. Info.:
 Operator: Instrument ID: A2HP13
 Injection Vol: 1.0 mL ALS Bottle#: 20
 Lims Batch ID: 67173 Lims Sample ID: 20
 Detector 1 : GC ECD1A
 Detector 2 : GC ecd2b
 Method: \\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m
 Last Update: 04-Dec-2012 14:14:37 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: XAWRK025

First Level Reviewer: hassl

Date: 04-Dec-2012 14:14:37

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 1.291 1.291 0.000 37777976 0.0165

2 2 1.647 1.648 -0.001 25371541 0.0177

RPD = 6.47

3 PCB-1221

1

1 2 1.439

1 3 1.590

1 4 1.559

2 4 1.944

2 5 2.085

2 6 2.144

5 PCB-1242

1 100 1.557

1 2 1.900

1 3 2.326

1 4 2.459

1 5 2.872

2 6 2.144

2 7 2.567

2 8 3.050

2 9 3.197

2 10 3.716

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

4 PCB-1232

1	100	1.557
1	2	1.900
1	3	2.326
1	4	2.458
1	5	2.872
2	6	2.144
2	7	2.567
2	8	3.050
2	9	3.197
2	10	3.850

6 PCB-1016

1	100	1.557
1	2	1.900
1	3	2.326
1	4	2.459
1	5	2.872
2	6	2.144
2	7	2.567
2	8	3.050
2	9	3.197
2	10	3.850

7 PCB-1248

1	86	1.900
1	2	2.326
1	3	2.872
1	4	3.500
1	5	3.961
2	6	2.567
2	7	3.050
2	8	3.716
2	9	3.850
2	10	4.914

8 PCB-1254

1	100	3.548
1	2	3.963
1	3	4.267
1	4	4.473
1	5	4.775
2	6	4.409
2	7	4.913
2	8	5.174
2	9	5.558
2	10	5.774

1

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1

1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						

9 PCB-1262

1

1	100		4.475						
1	2		4.908						
1	3		5.174						
1	4		5.527						
1	5		5.927						
2	6		5.384						
2	7		5.882						
2	8		6.206						
2	9		6.504						
2	10		6.906						

11 PCB-1268

1	100		5.882						
1	2		5.919						
1	3		6.133						
1	4		6.537						
1	5		6.855						
2	6		6.903						
2	7		6.952						
2	8		7.232						
2	9		7.570						
2	10		7.932						

\$ 12 DCB Decachlorobiphenyl

1	100	7.062	7.063	-0.001	41868764	0.0179
2	2	8.217	8.216	0.001	25133263	0.0187

RPD = 3.97

QC Flag Legend

Processing Flags

1 - Missing Peaks

7 - Failed Limit of Detection

Report Date: 04-Dec-2012 14:14:38

Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300020.D

Injection Date: 04-Dec-2012 05:57:31

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 20

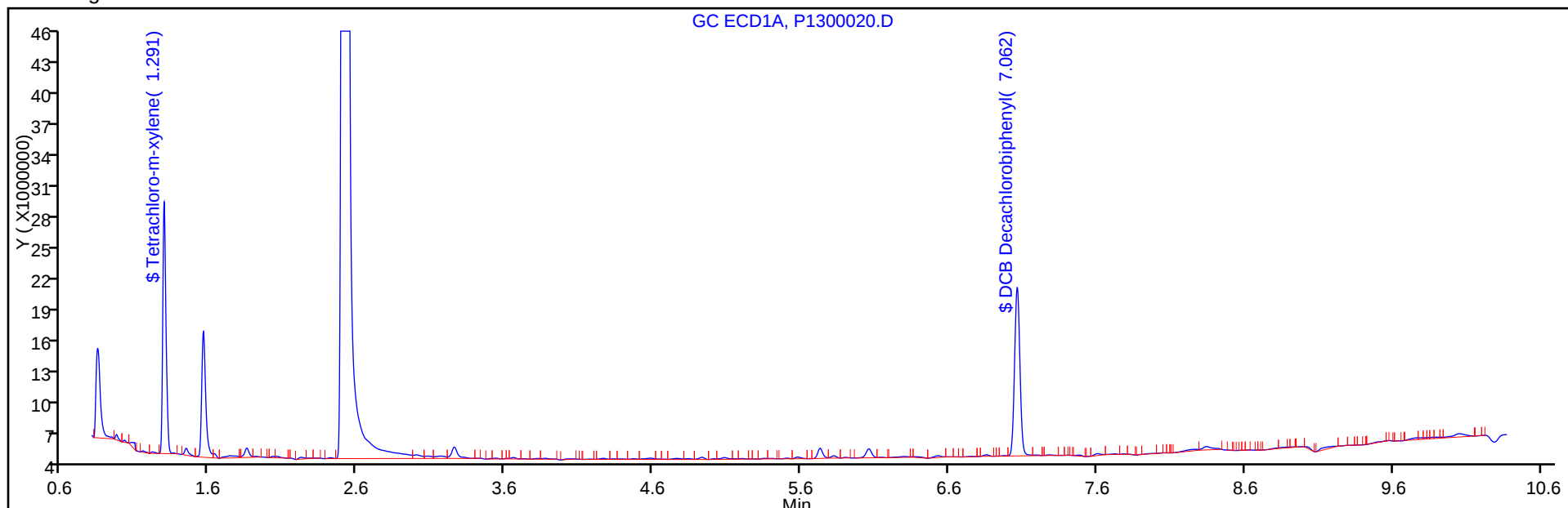
Operator ID:

Injection Vol: 1.0 mL

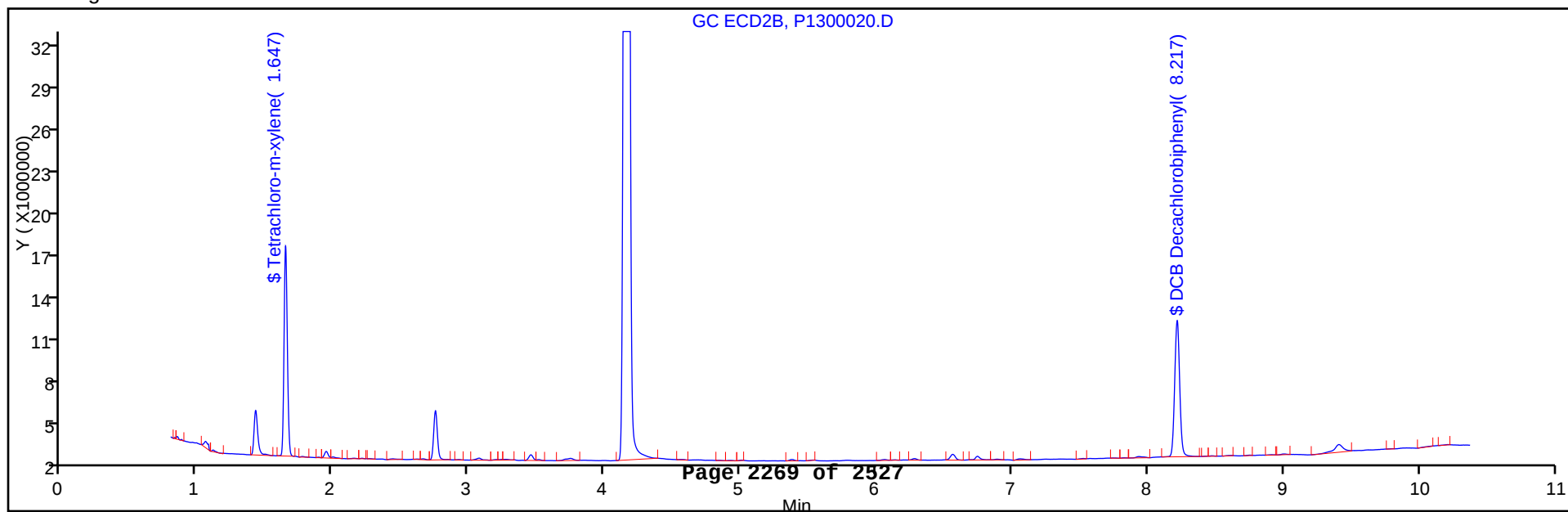
Column Type:

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.: 240-17768-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 240-66777/20-A
 Matrix: Solid Lab File ID: P1300020.D
 Analysis Method: 8082/DOD Date Collected: _____
 Extraction Method: 3540C Date Extracted: 11/29/2012 11:28
 Sample wt/vol: 30.00(g) Date Analyzed: 12/04/2012 05:57
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(mL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 67173 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	88		40-140
2051-24-3	DCB Decachlorobiphenyl	93		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300020.D
 Lims ID: MB 240-66777/20-A Client ID:
 Inject. Date: 04-Dec-2012 05:57:31 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: 240-0015489-020
 Misc. Info.:
 Operator: Instrument ID: A2HP13
 Injection Vol: 1.0 mL ALS Bottle#: 20
 Lims Batch ID: 67173 Lims Sample ID: 20
 Detector 1 : GC ECD1A
 Detector 2 : GC ecd2b
 Method: \\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m
 Last Update: 04-Dec-2012 14:14:37 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: XAWRK025

First Level Reviewer: hassl

Date: 04-Dec-2012 14:14:37

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 1.291 1.291 0.000 37777976 0.0165

2 2 1.647 1.648 -0.001 25371541 0.0177

RPD = 6.47

3 PCB-1221

1

1 2 1.439

1 3 1.590

1 4 1.559

2 4 1.944

2 5 2.085

2 6 2.144

5 PCB-1242

1 100 1.557

1 2 1.900

1 3 2.326

1 4 2.459

1 5 2.872

2 6 2.144

2 7 2.567

2 8 3.050

2 9 3.197

2 10 3.716

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.459						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Data File: \\NCC\Chrom\ChromData\A2HP13\20121203-15489.b\1300020.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1

1	100		4.166						
1	2		4.475						
1	3		4.775						
1	4		5.527						
1	5		5.831						
2	6		5.136						
2	7		5.384						
2	8		5.772						
2	9		6.504						
2	10		6.906						

9 PCB-1262

1

1	100		4.475						
1	2		4.908						
1	3		5.174						
1	4		5.527						
1	5		5.927						
2	6		5.384						
2	7		5.882						
2	8		6.206						
2	9		6.504						
2	10		6.906						

11 PCB-1268

1	100		5.882						
1	2		5.919						
1	3		6.133						
1	4		6.537						
1	5		6.855						
2	6		6.903						
2	7		6.952						
2	8		7.232						
2	9		7.570						
2	10		7.932						

\$ 12 DCB Decachlorobiphenyl

1	100	7.062	7.063	-0.001	41868764	0.0179			
2	2	8.217	8.216	0.001	25133263	0.0187			

RPD = 3.97

QC Flag Legend

Processing Flags

1 - Missing Peaks

7 - Failed Limit of Detection

Report Date: 04-Dec-2012 14:14:38

Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\1300020.D

Injection Date: 04-Dec-2012 05:57:31

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 20

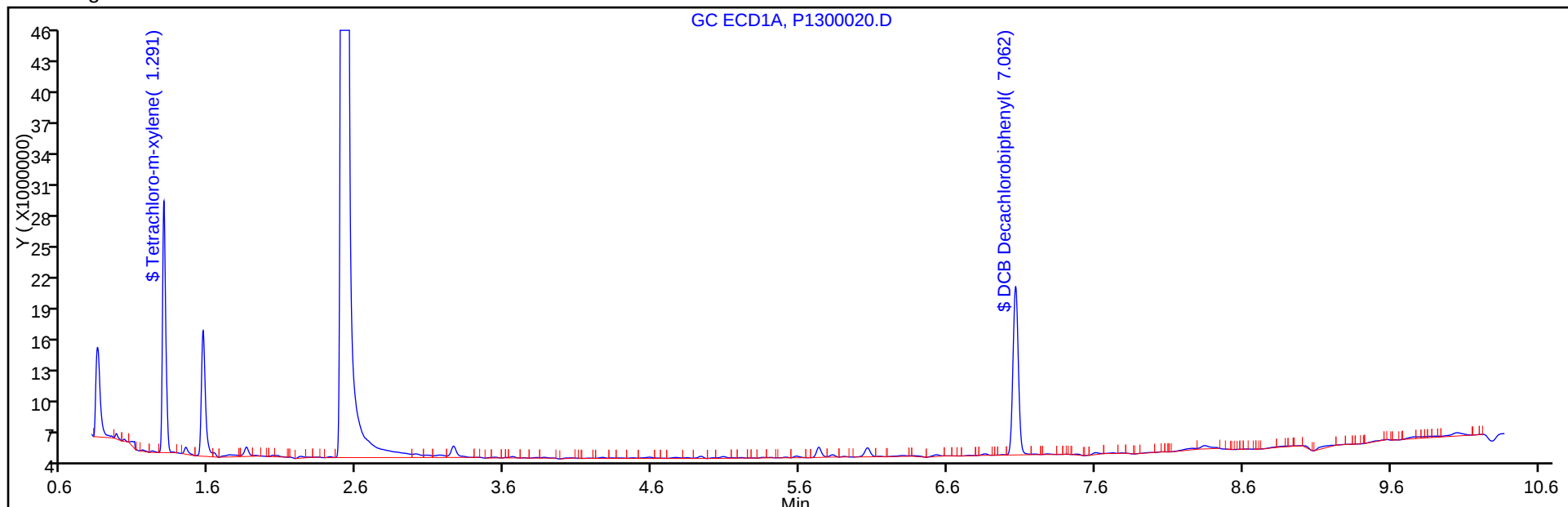
Operator ID:

Injection Vol: 1.0 mL

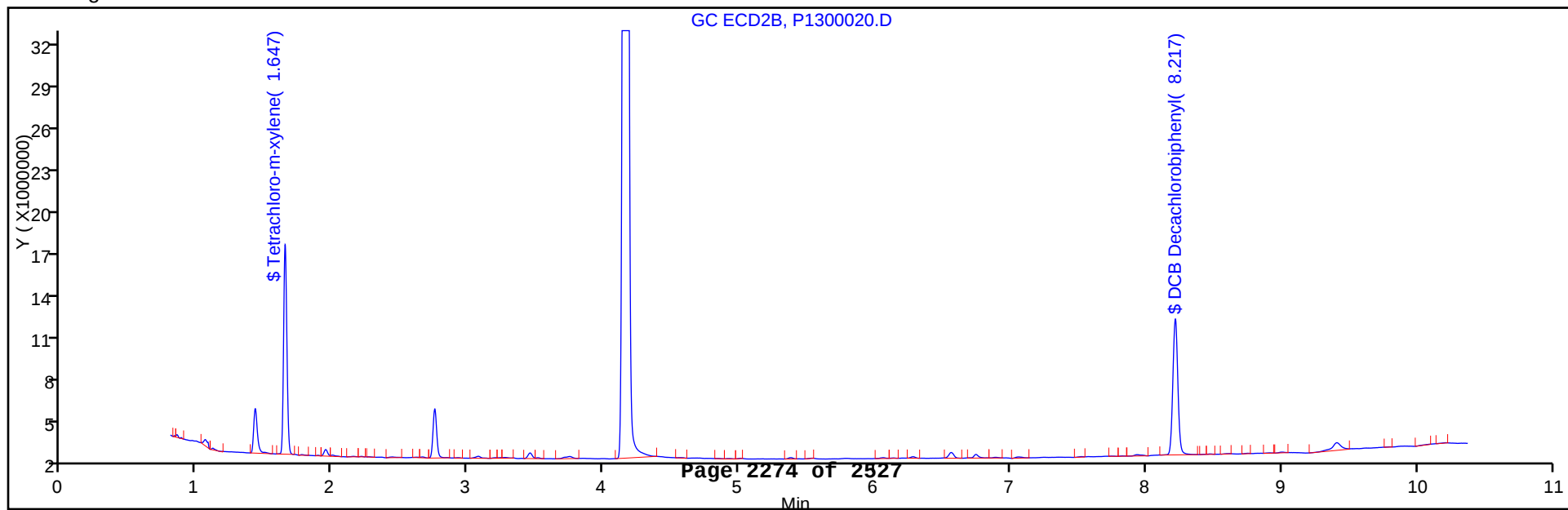
Column Type:

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.: 240-17768-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 240-66777/21-A
Matrix: Solid Lab File ID: P1300030.D
Analysis Method: 8082/DOD Date Collected: _____
Extraction Method: 3540C Date Extracted: 11/29/2012 11:28
Sample wt/vol: 30.00(g) Date Analyzed: 12/04/2012 08:26
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(mL) GC Column: CLP-1 ID: 0.53(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-140
2051-24-3	DCB Decachlorobiphenyl	75		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300030.D

Lims ID: LCS 240-66777/21-A

Client ID:

Inject. Date: 04-Dec-2012 08:26:50

Dil. Factor: 1.0000

Sample Type: LCS

Sample ID: 240-0015489-030

Misc. Info.:

Operator:

Instrument ID: A2HP13

Injection Vol: 1.0 mL

ALS Bottle#: 30

Lims Batch ID: 67173

Lims Sample ID: 30

Detector 1 : GC ECD1A

Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m

Last Update: 04-Dec-2012 13:26:56

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: XAWRK025

First Level Reviewer: hassl

Date: 04-Dec-2012 13:22:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

\$ 2 Tetrachloro-m-xylene

1 44 1.291 1.291 0.000 34133882 0.0150

2 2 1.648 1.647 0.001 21430284 0.0149

RPD = 0.26

6 PCB-1016

1 100 0.0 1.590 -1.590 0 0 100.0

1 2 1.899 1.898 0.001 50669533 0.7049 149.3- 199.3

1 3 2.326 2.325 0.001 107751275 0.6942 350.2- 400.2

1 4 2.458 2.457 0.001 33567982 0.5207 130.7- 180.7

1 5 2.871 2.870 0.001 53009130 0.7813 137.9- 187.9

Average of Peak Amounts = 0.6753

2 6 2.144 2.143 0.001 15398203 0.6852 100.0

2 7 2.567 2.567 0.000 33847776 0.7215 176.5- 236.5 219.8

2 8 3.050 3.050 0.000 73148027 0.8051 362.5- 422.5 475.0

2 9 3.197 3.196 0.001 29509665 0.7622 137.9- 197.9 191.6

2 10 3.849 3.850 -0.001 25399416 0.7042 118.8- 178.8 165.0

Average of Peak Amounts = 0.7356

RPD = 8.56

Data File: \\NCCchrom\ChromData\A2HP13\20121203-15489.b\P1300030.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1	100	4.166	4.165	0.001	71969382	0.7101		100.0	
1	2	4.474	4.475	-0.001	146201738	0.7287	175.1- 225.1	203.1	
1	3	4.772	4.774	-0.002	136842542	0.6841	173.2- 223.2	190.1	
1	4	5.524	5.525	-0.001	182327299	0.6708	244.1- 294.1	253.3	
1	5	5.827	5.829	-0.002	98047082	0.7592	101.5- 151.5	136.2	

Average of Peak Amounts = 0.7106

2	6	5.135	5.135	0.000	49253820	0.7390		100.0	
2	7	5.382	5.384	-0.002	60318958	0.8157	86.6- 146.6	122.5	
2	8	5.770	5.771	-0.001	91342649	0.7818	142.9- 202.9	185.5	
2	9	6.503	6.504	-0.001	118210968	0.8308	179.5- 239.5	240.0	
2	10	6.905	6.907	-0.002	84082220	0.8074	121.8- 181.8	170.7	

Average of Peak Amounts = 0.7950

RPD = 11.21

\$ 12 DCB Decachlorobiphenyl

1	100	7.063	7.063	0.000	34855511	0.0149			
2	2	8.216	8.217	-0.001	21314700	0.0158			

RPD = 5.82

Report Date: 04-Dec-2012 13:27:05

Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300030.D

Injection Date: 04-Dec-2012 08:26:50

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 30

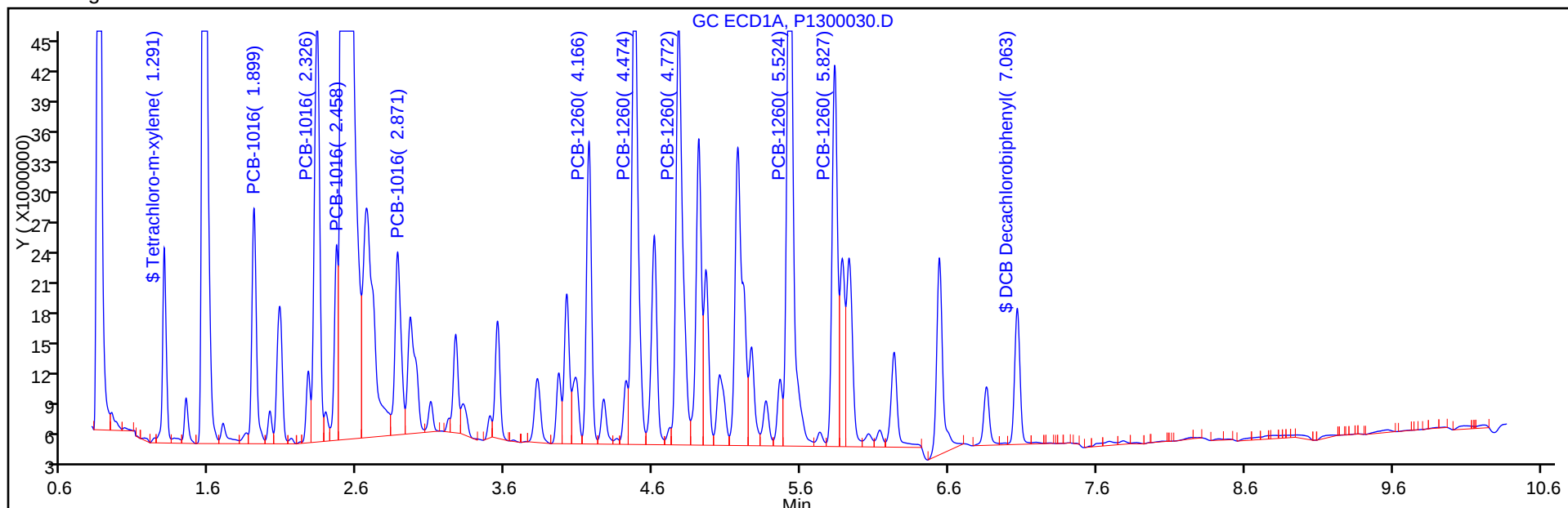
Operator ID:

Injection Vol: 1.0 mL

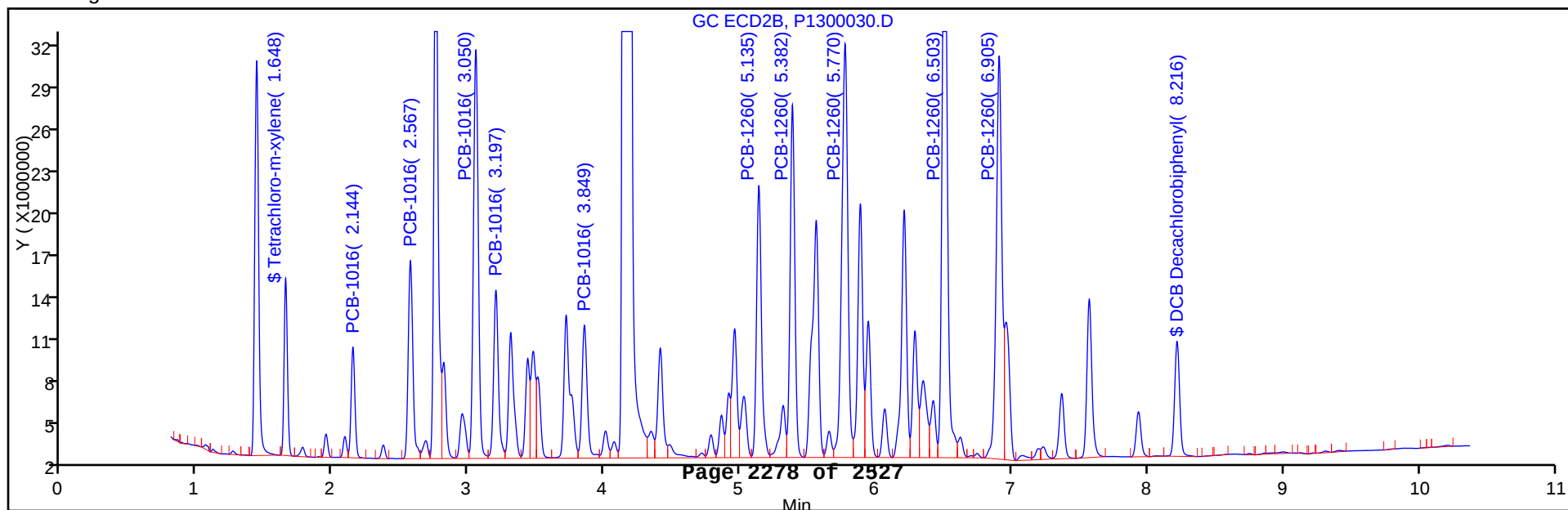
Column Type:

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.: 240-17768-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 240-66777/21-A

Matrix: Solid Lab File ID: P1300030.D

Analysis Method: 8082/DOD Date Collected: _____

Extraction Method: 3540C Date Extracted: 11/29/2012 11:28

Sample wt/vol: 30.00(g) Date Analyzed: 12/04/2012 08:26

Con. Extract Vol.: 10(mL) Dilution Factor: 1

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

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 67173 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	Aroclor-1016	245		65	25	21
11096-82-5	Aroclor-1260	265		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-140
2051-24-3	DCB Decachlorobiphenyl	79		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300030.D

Lims ID: LCS 240-66777/21-A

Client ID:

Inject. Date: 04-Dec-2012 08:26:50

Dil. Factor: 1.0000

Sample Type: LCS

Sample ID: 240-0015489-030

Misc. Info.:

Operator:

Instrument ID: A2HP13

Injection Vol: 1.0 mL

ALS Bottle#: 30

Lims Batch ID: 67173

Lims Sample ID: 30

Detector 1 : GC ECD1A

Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m

Last Update: 04-Dec-2012 13:26:56

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: XAWRK025

First Level Reviewer: hassl

Date: 04-Dec-2012 13:22:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

\$ 2 Tetrachloro-m-xylene

1 44 1.291 1.291 0.000 34133882 0.0150

2 2 1.648 1.647 0.001 21430284 0.0149

RPD = 0.26

6 PCB-1016

1 100 0.0 1.590 -1.590 0 0 100.0

1 2 1.899 1.898 0.001 50669533 0.7049 149.3- 199.3

1 3 2.326 2.325 0.001 107751275 0.6942 350.2- 400.2

1 4 2.458 2.457 0.001 33567982 0.5207 130.7- 180.7

1 5 2.871 2.870 0.001 53009130 0.7813 137.9- 187.9

Average of Peak Amounts = 0.6753

2 6 2.144 2.143 0.001 15398203 0.6852 100.0

2 7 2.567 2.567 0.000 33847776 0.7215 176.5- 236.5 219.8

2 8 3.050 3.050 0.000 73148027 0.8051 362.5- 422.5 475.0

2 9 3.197 3.196 0.001 29509665 0.7622 137.9- 197.9 191.6

2 10 3.849 3.850 -0.001 25399416 0.7042 118.8- 178.8 165.0

Average of Peak Amounts = 0.7356

RPD = 8.56

Data File: \\NCCchrom\ChromData\A2HP13\20121203-15489.b\P1300030.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1	100	4.166	4.165	0.001	71969382	0.7101		100.0	
1	2	4.474	4.475	-0.001	146201738	0.7287	175.1- 225.1	203.1	
1	3	4.772	4.774	-0.002	136842542	0.6841	173.2- 223.2	190.1	
1	4	5.524	5.525	-0.001	182327299	0.6708	244.1- 294.1	253.3	
1	5	5.827	5.829	-0.002	98047082	0.7592	101.5- 151.5	136.2	

Average of Peak Amounts = 0.7106

2	6	5.135	5.135	0.000	49253820	0.7390		100.0	
2	7	5.382	5.384	-0.002	60318958	0.8157	86.6- 146.6	122.5	
2	8	5.770	5.771	-0.001	91342649	0.7818	142.9- 202.9	185.5	
2	9	6.503	6.504	-0.001	118210968	0.8308	179.5- 239.5	240.0	
2	10	6.905	6.907	-0.002	84082220	0.8074	121.8- 181.8	170.7	

Average of Peak Amounts = 0.7950

RPD = 11.21

\$ 12 DCB Decachlorobiphenyl

1	100	7.063	7.063	0.000	34855511	0.0149			
2	2	8.216	8.217	-0.001	21314700	0.0158			

RPD = 5.82

Report Date: 04-Dec-2012 13:27:06

Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCC\Chrom\ChromData\A2HP13\20121203-15489.b\P1300030.D

Injection Date: 04-Dec-2012 08:26:50

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 30

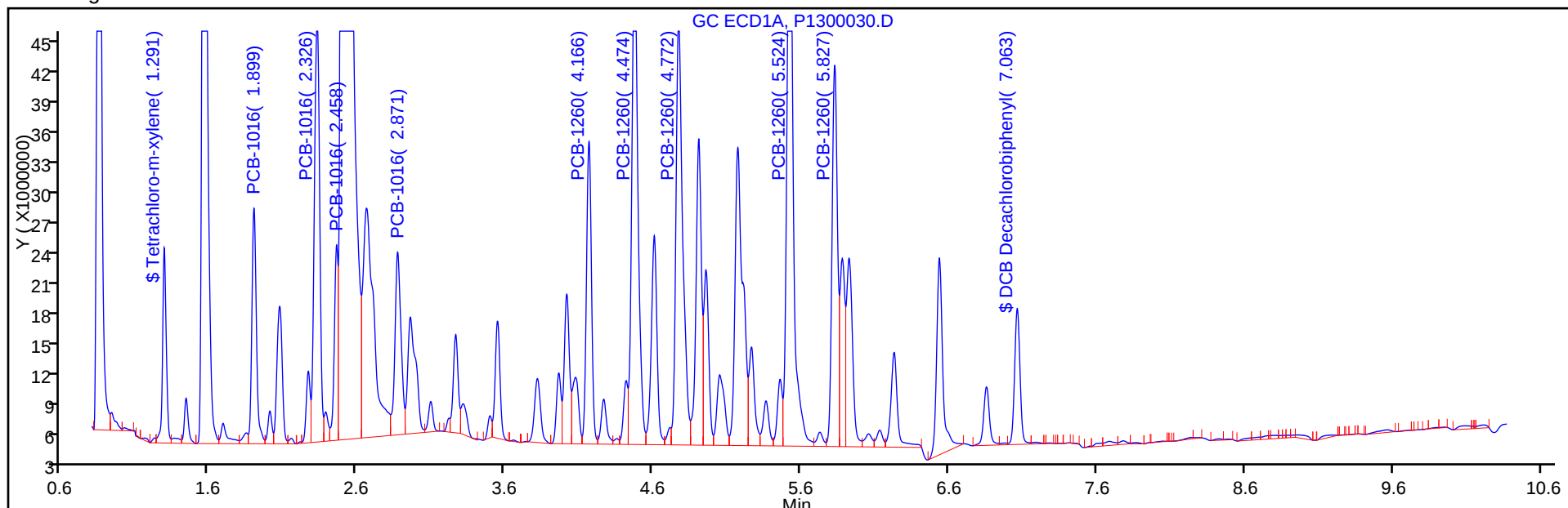
Operator ID:

Injection Vol: 1.0 mL

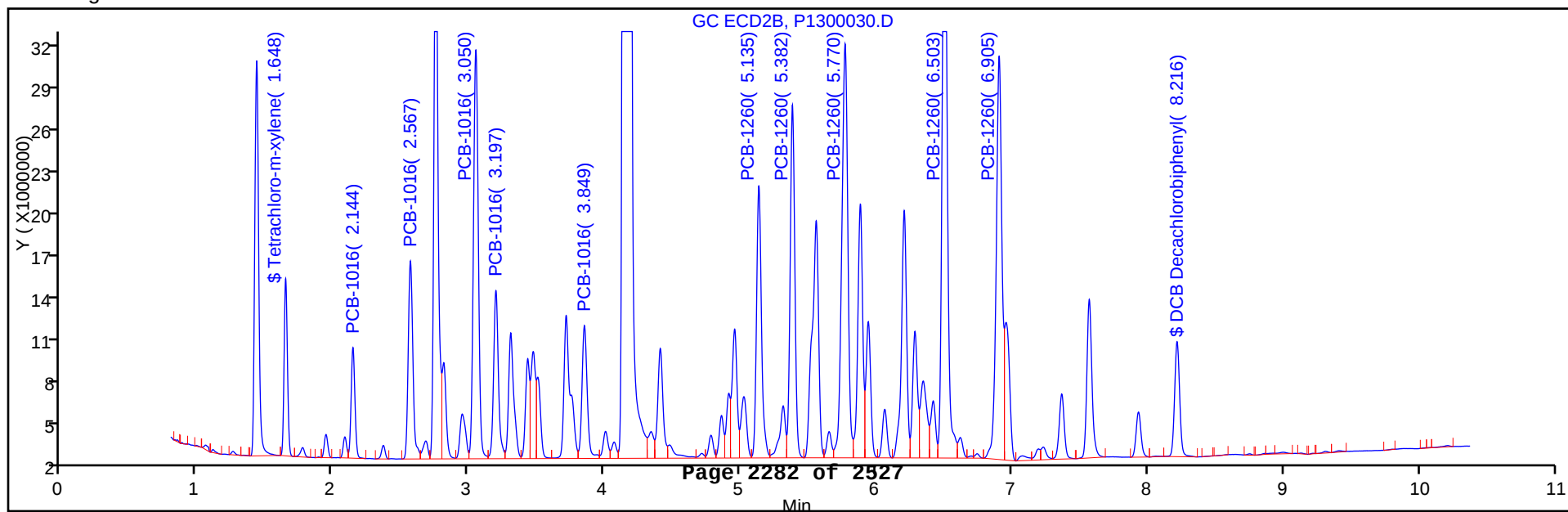
Column Type:

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.: 240-17768-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MRL 240-67173/10

Matrix: Solid Lab File ID: P1300010.D

Analysis Method: 8082/DOD Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: 1(mL) Date Analyzed: 12/04/2012 03:20

Con. Extract Vol.: 1.0(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 67173 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	0.0819	^	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	0.0551		0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	114		50-150
2051-24-3	DCB Decachlorobiphenyl	115		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300010.D

Lims ID: MRL

Client ID:

Inject. Date: 04-Dec-2012 03:20:50

Dil. Factor: 1.0000

Sample Type: MRL

Sample ID: 240-0015489-010

Misc. Info.:

Operator:

Instrument ID: A2HP13

Injection Vol: 1.0 mL

ALS Bottle#: 10

Lims Batch ID: 67173

Lims Sample ID: 10

Detector 1 : GC ECD1A

Detector 2 : GC ecd2b

Method: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m

Last Update: 04-Dec-2012 13:26:47

Calib Date: 22-Oct-2012 03:04:38

Quant Method: External Standard

Quant By: Initial Calibration

Last ICal File: \\NCCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D

Limit Group: GC 8082A ICAL

Integrator: Falcon

Column Type:

Column Dia:

Process Host: XAWRK025

First Level Reviewer: hassl

Date: 04-Dec-2012 13:18:25

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 1.291 1.291 0.000 6529751 0.002860

2 2 1.648 1.648 0.000 4138896 0.002880

RPD = 0.69

3 PCB-1221

1 2 1.439

1 3 1.590

1 4 1.559

2 4 1.944

2 5 2.085

2 6 2.144

5 PCB-1242

1 100 1.557

1 2 1.900

1 3 2.326

1 4 2.459

1 5 2.872

2 6 2.144

2 7 2.567

2 8 3.050

2 9 3.197

2 10 3.716

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100	0.0	1.557	-1.557	0	0		100.0	
1	2	1.900	1.900	0.000	4223427	0.0588	149.3- 199.3		
1	3	2.326	2.326	0.000	9476809	0.0611	350.2- 400.2		
1	4	0.0	2.459	-2.459	0	0	130.7- 180.7		
1	5	2.872	2.872	0.000	8545784	0.1260	137.9- 187.9		
Average of Peak Amounts =						0.0819			
2	6	2.144	2.144	0.000	1330735	0.0592		100.0	
2	7	2.567	2.567	0.000	2553689	0.0544	176.5- 236.5	191.9	
2	8	3.050	3.050	0.000	4799774	0.0528	362.5- 422.5	360.7	
2	9	3.197	3.197	0.000	2012979	0.0520	137.9- 197.9	151.3	
2	10	3.850	3.850	0.000	1958418	0.0543	118.8- 178.8	147.2	
Average of Peak Amounts =						0.0546			
						RPD = 40.11			
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\P1300010.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1	100	4.166	4.166	0.000	5658137	0.0558		100.0	
1	2	4.475	4.475	0.000	11317692	0.0564	175.1- 225.1	200.0	
1	3	4.775	4.775	0.000	10967062	0.0548	173.2- 223.2	193.8	
1	4	5.527	5.527	0.000	15294201	0.0563	244.1- 294.1	270.3	
1	5	5.831	5.831	0.000	6763328	0.0524	101.5- 151.5	119.5	
Average of Peak Amounts =						0.0551			
2	6	5.136	5.136	0.000	3516496	0.0528		100.0	
2	7	5.384	5.384	0.000	4191261	0.0161	86.6- 146.6	119.2	
2	8	5.772	5.772	0.000	5978188	0.0512	142.9- 202.9	170.0	
2	9	6.504	6.504	0.000	7639636	0.0537	179.5- 239.5	217.3	
2	10	6.906	6.906	0.000	4237926	0.0407	121.8- 181.8	120.5	
Average of Peak Amounts =						0.0429			

RPD = 25.00

9 PCB-1262

1	100		4.475						
1	2		4.908						
1	3		5.174						
1	4		5.527						
1	5		5.927						
2	6		5.384						
2	7		5.882						
2	8		6.206						
2	9		6.504						
2	10		6.906						

11 PCB-1268

1	100		5.882						
1	2		5.919						
1	3		6.133						
1	4		6.537						
1	5		6.855						
2	6		6.903						
2	7		6.952						
2	8		7.232						
2	9		7.570						
2	10		7.932						

\$ 12 DCB Decachlorobiphenyl

1	100	7.063	7.063	0.000	6724403	0.002880			
2	2	8.216	8.216	0.000	3636484	0.002700			

RPD = 6.47

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

TestAmerica Canton

Data File: \\NCC\Chrom\ChromData\A2HP13\20121203-15489.b\P1300010.D

Injection Date: 04-Dec-2012 03:20:50

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 10

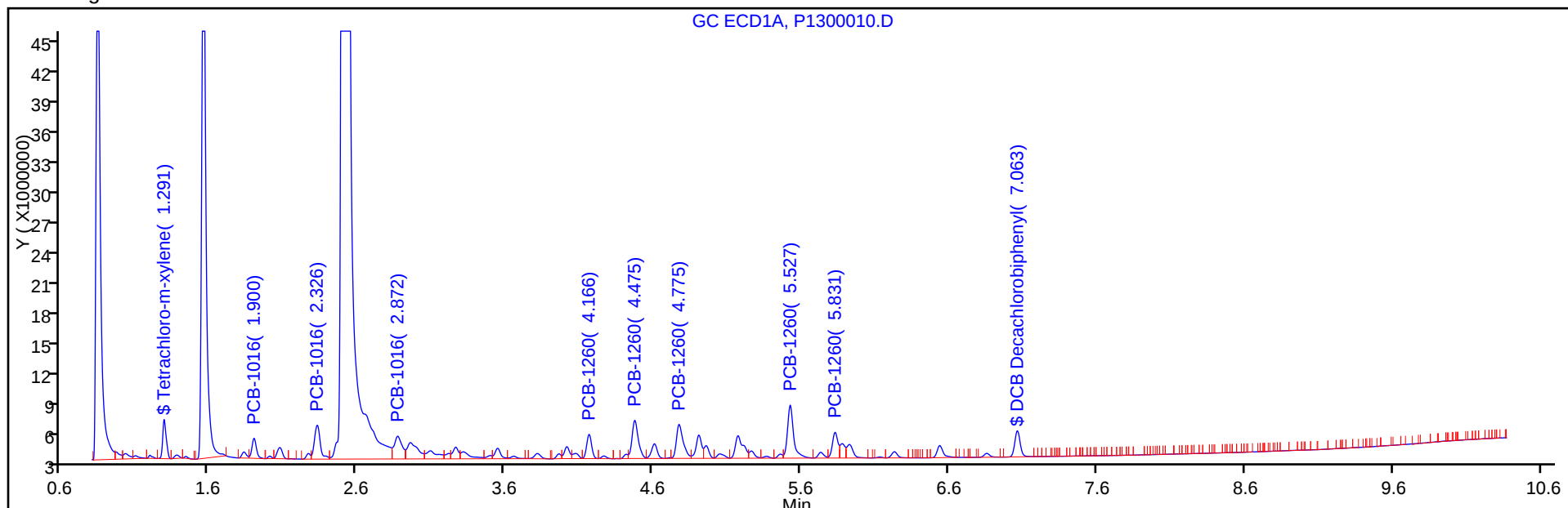
Operator ID:

Injection Vol: 1.0 mL

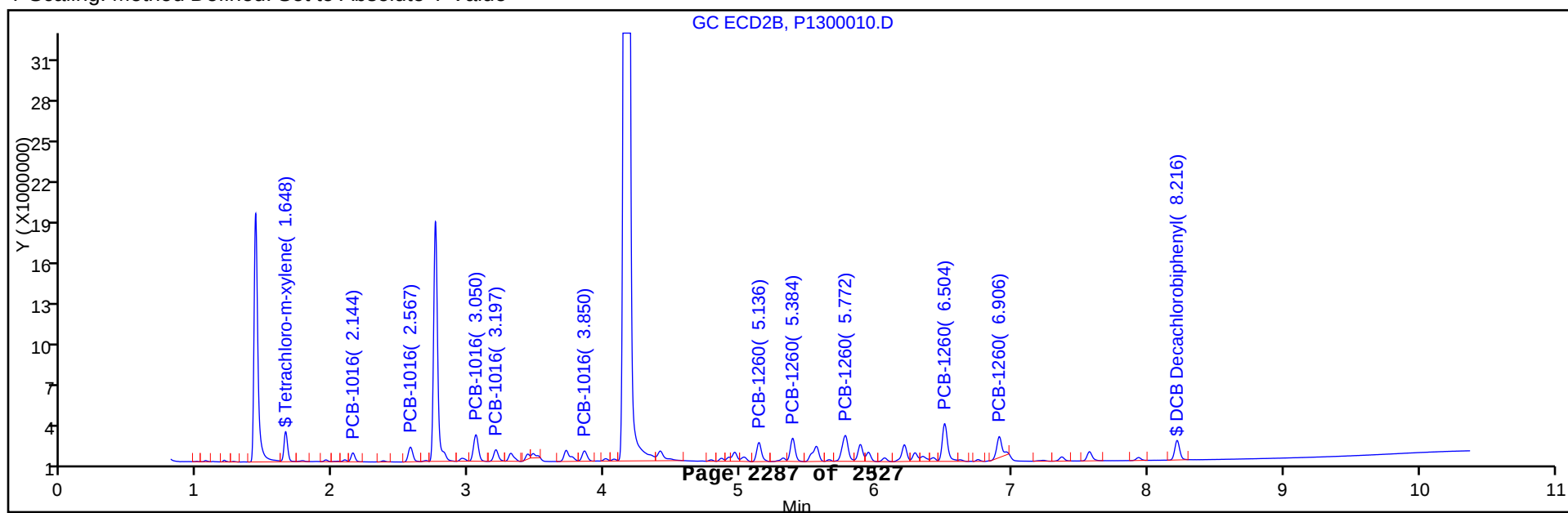
Column Type:

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.: 240-17768-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MRL 240-67173/10
 Matrix: Solid Lab File ID: P1300010.D
 Analysis Method: 8082/DOD Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 12/04/2012 03:20
 Con. Extract Vol.: 1.0(mL) Dilution Factor: 1
 Injection Volume: 1(mL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 67173 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	0.0546		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	0.0429	J	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	108		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300010.D
 Lims ID: MRL Client ID:
 Inject. Date: 04-Dec-2012 03:20:50 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0015489-010
 Misc. Info.:
 Operator: Instrument ID: A2HP13
 Injection Vol: 1.0 mL ALS Bottle#: 10
 Lims Batch ID: 67173 Lims Sample ID: 10
 Detector 1 : GC ECD1A
 Detector 2 : GC ecd2b
 Method: \\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m
 Last Update: 04-Dec-2012 13:26:47 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: XAWRK025

First Level Reviewer: hassl

Date: 04-Dec-2012 13:18:25

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 1.291 1.291 0.000 6529751 0.002860

2 2 1.648 1.648 0.000 4138896 0.002880

RPD = 0.69

3 PCB-1221

1 2 1.439

1 3 1.590

1 4 1.559

2 4 1.944

2 5 2.085

2 6 2.144

5 PCB-1242

1 100 1.557

1 2 1.900

1 3 2.326

1 4 2.459

1 5 2.872

2 6 2.144

2 7 2.567

2 8 3.050

2 9 3.197

2 10 3.716

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.557						
1	2		1.900						
1	3		2.326						
1	4		2.458						
1	5		2.872						
2	6		2.144						
2	7		2.567						
2	8		3.050						
2	9		3.197						
2	10		3.850						
6 PCB-1016									
1	100	0.0	1.557	-1.557	0	0		100.0	
1	2	1.900	1.900	0.000	4223427	0.0588	149.3- 199.3		
1	3	2.326	2.326	0.000	9476809	0.0611	350.2- 400.2		
1	4	0.0	2.459	-2.459	0	0	130.7- 180.7		
1	5	2.872	2.872	0.000	8545784	0.1260	137.9- 187.9		
			Average of Peak Amounts =			0.0819			
2	6	2.144	2.144	0.000	1330735	0.0592		100.0	
2	7	2.567	2.567	0.000	2553689	0.0544	176.5- 236.5	191.9	
2	8	3.050	3.050	0.000	4799774	0.0528	362.5- 422.5	360.7	
2	9	3.197	3.197	0.000	2012979	0.0520	137.9- 197.9	151.3	
2	10	3.850	3.850	0.000	1958418	0.0543	118.8- 178.8	147.2	
			Average of Peak Amounts =			0.0546			
						RPD = 40.11			
7 PCB-1248									
1	86		1.900						
1	2		2.326						
1	3		2.872						
1	4		3.500						
1	5		3.961						
2	6		2.567						
2	7		3.050						
2	8		3.716						
2	9		3.850						
2	10		4.914						
8 PCB-1254									
1	100		3.548						
1	2		3.963						
1	3		4.267						
1	4		4.473						
1	5		4.775						
2	6		4.409						
2	7		4.913						
2	8		5.174						
2	9		5.558						
2	10		5.774						

Data File: \\NCC\Chrom\ChromData\A2HP13\20121203-15489.b\P1300010.D

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1	100	4.166	4.166	0.000	5658137	0.0558		100.0	
1	2	4.475	4.475	0.000	11317692	0.0564	175.1- 225.1	200.0	
1	3	4.775	4.775	0.000	10967062	0.0548	173.2- 223.2	193.8	
1	4	5.527	5.527	0.000	15294201	0.0563	244.1- 294.1	270.3	
1	5	5.831	5.831	0.000	6763328	0.0524	101.5- 151.5	119.5	
Average of Peak Amounts =						0.0551			
2	6	5.136	5.136	0.000	3516496	0.0528		100.0	
2	7	5.384	5.384	0.000	4191261	0.0161	86.6- 146.6	119.2	
2	8	5.772	5.772	0.000	5978188	0.0512	142.9- 202.9	170.0	
2	9	6.504	6.504	0.000	7639636	0.0537	179.5- 239.5	217.3	
2	10	6.906	6.906	0.000	4237926	0.0407	121.8- 181.8	120.5	
Average of Peak Amounts =						0.0429			

RPD = 25.00

9 PCB-1262

1	100		4.475						
1	2		4.908						
1	3		5.174						
1	4		5.527						
1	5		5.927						
2	6		5.384						
2	7		5.882						
2	8		6.206						
2	9		6.504						
2	10		6.906						

11 PCB-1268

1	100		5.882						
1	2		5.919						
1	3		6.133						
1	4		6.537						
1	5		6.855						
2	6		6.903						
2	7		6.952						
2	8		7.232						
2	9		7.570						
2	10		7.932						

\$ 12 DCB Decachlorobiphenyl

1	100	7.063	7.063	0.000	6724403	0.002880			
2	2	8.216	8.216	0.000	3636484	0.002700			

RPD = 6.47

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

TestAmerica Canton

Data File: \\NCC\Chrom\ChromData\A2HP13\20121203-15489.b\P1300010.D

Injection Date: 04-Dec-2012 03:20:50

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 10

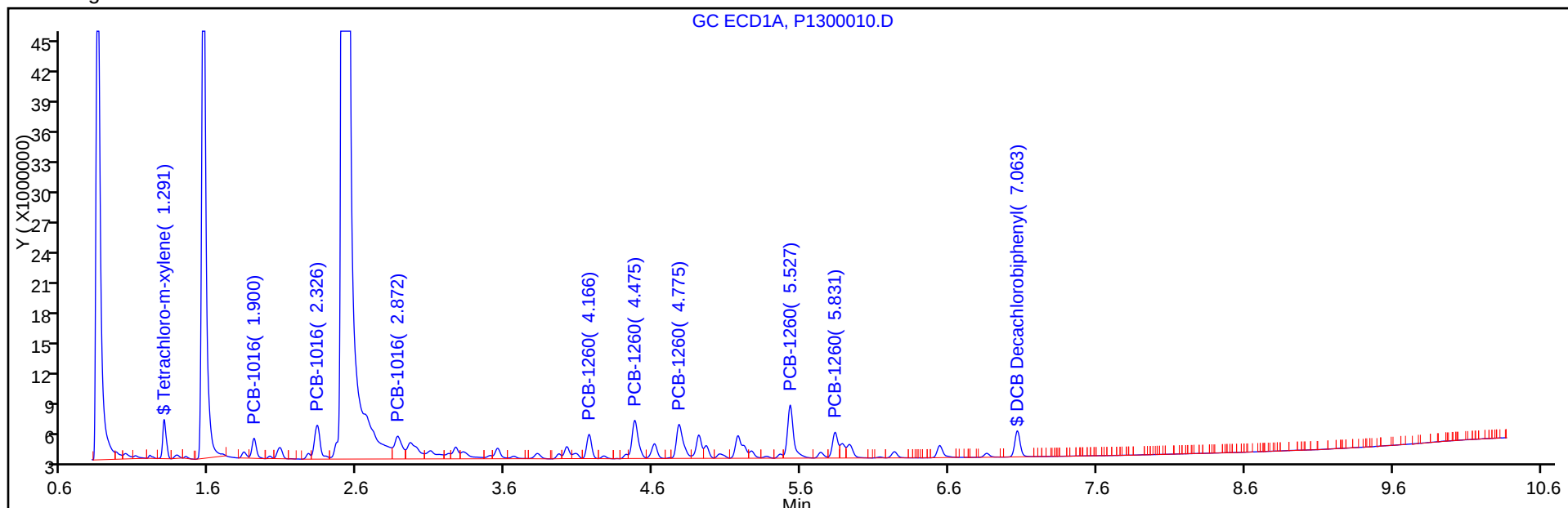
Operator ID:

Injection Vol: 1.0 mL

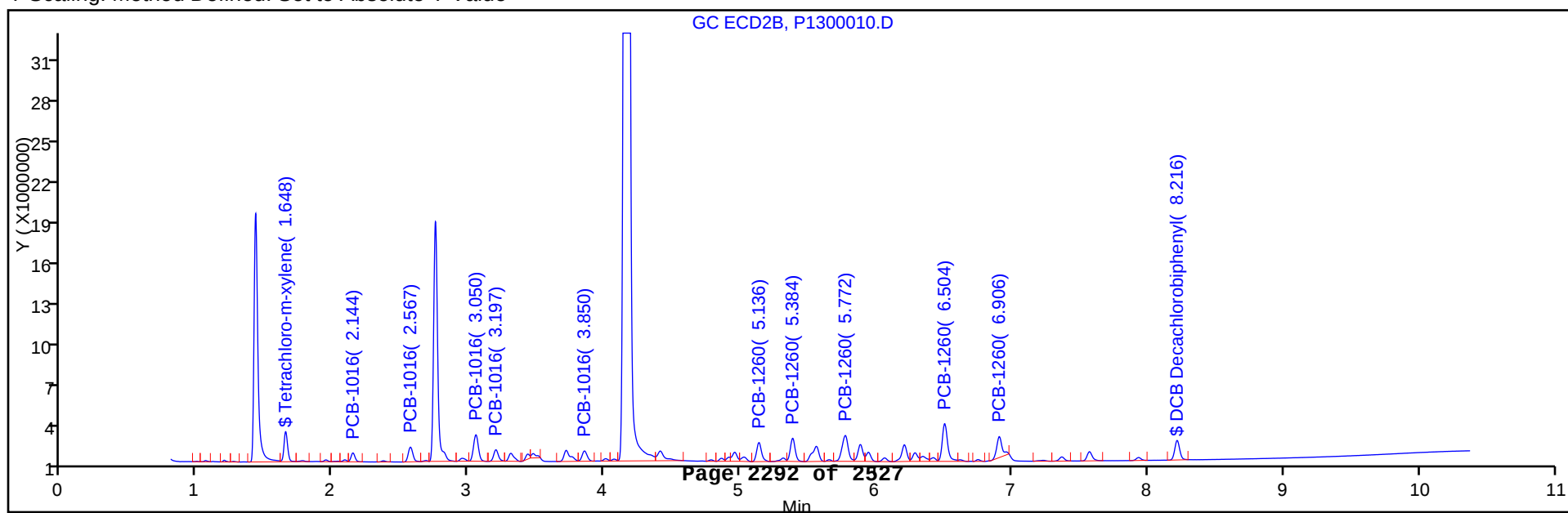
Column Type:

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.: 240-17768-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MRL 240-67173/32

Matrix: Solid Lab File ID: P1300032.D

Analysis Method: 8082/DOD Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: 1(mL) Date Analyzed: 12/04/2012 08:56

Con. Extract Vol.: 1.0(mL) Dilution Factor: 1

Injection Volume: 1(mL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 67173 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0594		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0559		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	114		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300032.D
 Lims ID: MRL Client ID:
 Inject. Date: 04-Dec-2012 08:56:47 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0015489-032
 Misc. Info.:
 Operator: Instrument ID: A2HP13
 Injection Vol: 1.0 mL ALS Bottle#: 32
 Lims Batch ID: 67173 Lims Sample ID: 32
 Detector 1 : GC ECD1A
 Detector 2 : GC ecd2b
 Method: \\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m
 Last Update: 04-Dec-2012 13:27:10 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: XAWRK025

First Level Reviewer: hassl

Date: 04-Dec-2012 13:24:02

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 1.292 1.292 0.000 6570407 0.002878

2 2 1.648 1.648 0.000 3852478 0.002681

RPD = 7.10

3 PCB-1221

1 2 1.439

1 3 1.590

1 4 1.559

2 4 1.944

2 5 2.085

2 6 2.144

5 PCB-1242

1 100 1.558

1 2 1.900

1 3 2.327

1 4 2.459

1 5 2.871

2 6 2.143

2 7 2.568

2 8 3.050

2 9 3.198

2 10 3.715

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

4 PCB-1232

1	100	1.558
1	2	1.900
1	3	2.327
1	4	2.459
1	5	2.871
2	6	2.143
2	7	2.568
2	8	3.050
2	9	3.198
2	10	3.849

6 PCB-1016

1	100	0.0	1.558	-1.558	0	0		100.0
1	2	1.900	1.900	0.000	4259584	0.0593	149.3- 199.3	
1	3	2.327	2.327	0.000	8752024	0.0564	350.2- 400.2	
1	4	2.459	2.459	0.000	2770866	0.0430	130.7- 180.7	
1	5	2.871	2.871	0.000	5357715	0.0790	137.9- 187.9	
Average of Peak Amounts =						0.0594		
2	6	2.143	2.143	0.000	1315751	0.0585		100.0
2	7	2.568	2.568	0.000	2635086	0.0562	176.5- 236.5	200.3
2	8	3.050	3.050	0.000	5089344	0.0560	362.5- 422.5	386.8
2	9	3.198	3.198	0.000	2077145	0.0537	137.9- 197.9	157.9
2	10	3.849	3.849	0.000	1834313	0.0509	118.8- 178.8	139.4

Average of Peak Amounts = 0.0550

RPD = 7.60

7 PCB-1248

1	86	1.900
1	2	2.327
1	3	2.871
1	4	3.496
1	5	3.961
2	6	2.568
2	7	3.050
2	8	3.715
2	9	3.849
2	10	4.917

8 PCB-1254

1	100	3.548
1	2	3.963
1	3	4.267
1	4	4.473
1	5	4.775
2	6	4.409
2	7	4.913
2	8	5.174
2	9	5.558
2	10	5.774

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1	100	4.166	4.166	0.000	5597524	0.0552		100.0	
1	2	4.475	4.475	0.000	11398713	0.0568	175.1- 225.1	203.6	
1	3	4.776	4.776	0.000	11230393	0.0561	173.2- 223.2	200.6	
1	4	5.524	5.524	0.000	15422300	0.0567	244.1- 294.1	275.5	
1	5	5.831	5.831	0.000	7039591	0.0545	101.5- 151.5	125.8	
Average of Peak Amounts =						0.0559			
2	6	5.136	5.136	0.000	3561188	0.0534		100.0	
2	7	5.383	5.383	0.000	4562953	0.0214	86.6- 146.6	128.1	
2	8	5.771	5.771	0.000	5811915	0.0497	142.9- 202.9	163.2	
2	9	6.504	6.504	0.000	7486821	0.0526	179.5- 239.5	210.2	
2	10	6.907	6.907	0.000	4342683	0.0417	121.8- 181.8	121.9	
Average of Peak Amounts =						0.0438			

RPD = 24.29

9 PCB-1262

1	100		4.475						
1	2		4.912						
1	3		5.173						
1	4		5.524						
1	5		5.928						
2	6		5.383						
2	7		5.883						
2	8		6.208						
2	9		6.504						
2	10		6.907						

11 PCB-1268

1	100		5.882						
1	2		5.919						
1	3		6.133						
1	4		6.537						
1	5		6.855						
2	6		6.903						
2	7		6.952						
2	8		7.232						
2	9		7.570						
2	10		7.932						

\$ 12 DCB Decachlorobiphenyl

1	100	7.064	7.064	0.000	6665335	0.002855			
2	2	8.216	8.216	0.000	3754965	0.002788			

RPD = 2.38

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

TestAmerica Canton

Data File: \\NCCChrom\ChromData\A2HP13\20121203-15489.b\1300032.D

Injection Date: 04-Dec-2012 08:56:47

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 32

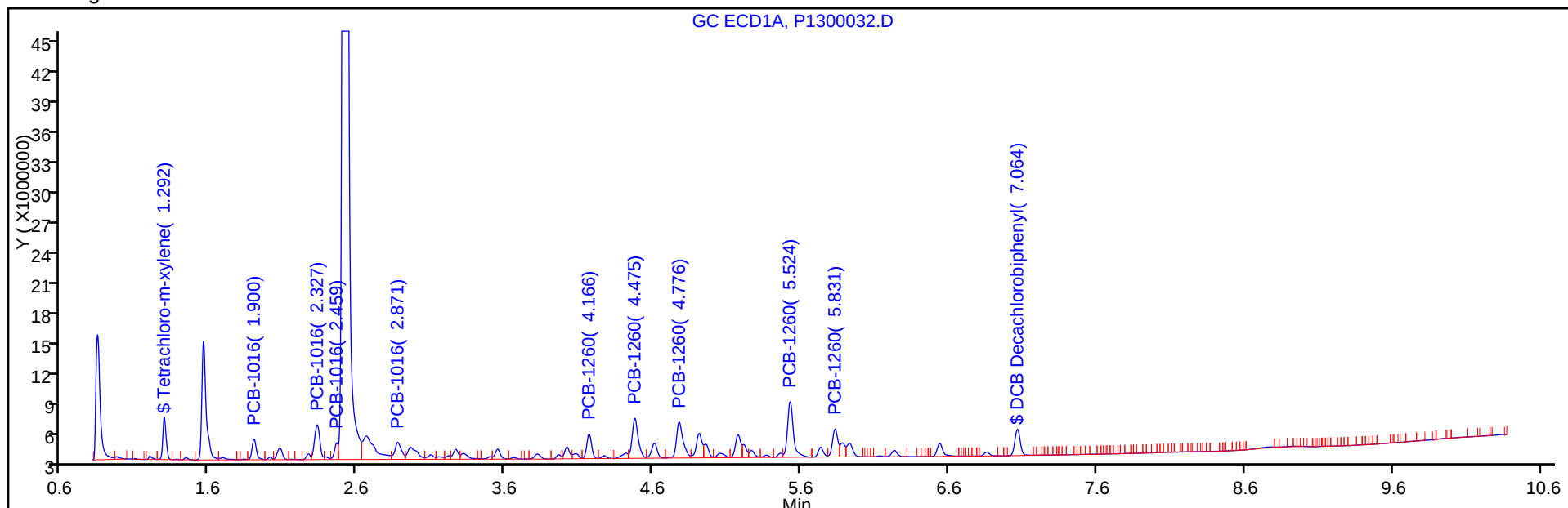
Operator ID:

Injection Vol: 1.0 mL

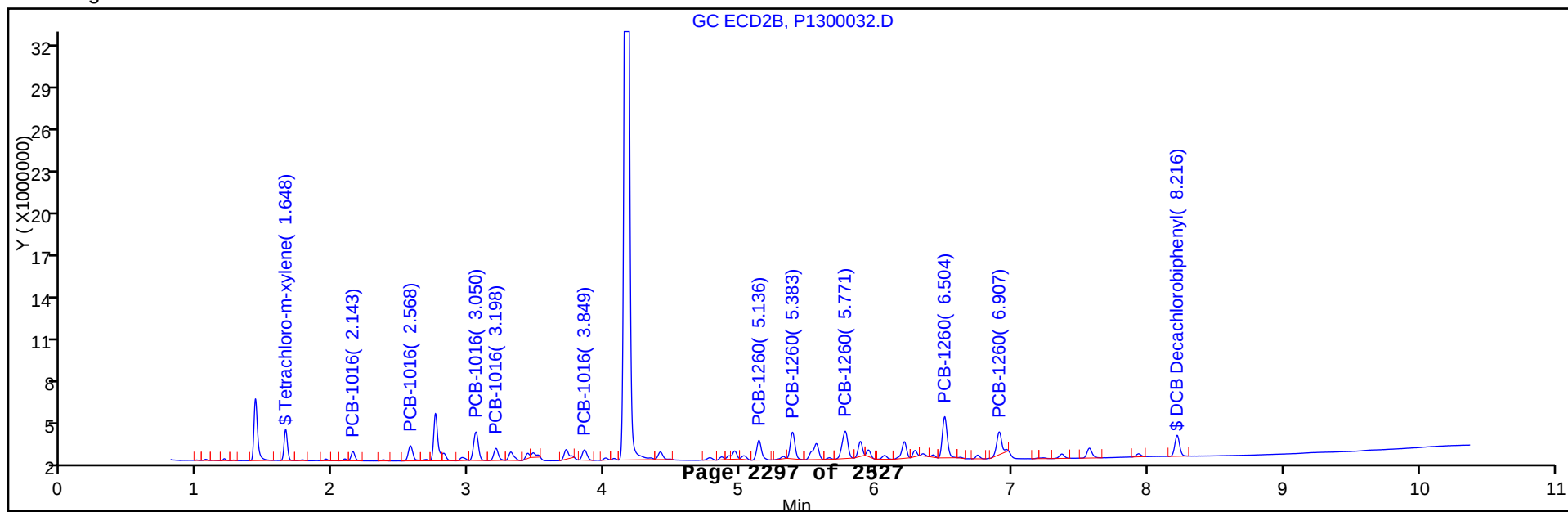
Column Type:

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.: 240-17768-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MRL 240-67173/32
 Matrix: Solid Lab File ID: P1300032.D
 Analysis Method: 8082/DOD Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1(mL) Date Analyzed: 12/04/2012 08:56
 Con. Extract Vol.: 1.0(mL) Dilution Factor: 1
 Injection Volume: 1(mL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 67173 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	0.0550		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	0.0438	J	0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	107		50-150
2051-24-3	DCB Decachlorobiphenyl	112		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121203-15489.b\P1300032.D
 Lims ID: MRL Client ID:
 Inject. Date: 04-Dec-2012 08:56:47 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0015489-032
 Misc. Info.:
 Operator: Instrument ID: A2HP13
 Injection Vol: 1.0 mL ALS Bottle#: 32
 Lims Batch ID: 67173 Lims Sample ID: 32
 Detector 1 : GC ECD1A
 Detector 2 : GC ecd2b
 Method: \\NCChrom\ChromData\A2HP13\20121203-15489.b\PCB13.m
 Last Update: 04-Dec-2012 13:27:10 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: XAWRK025

First Level Reviewer: hassl

Date: 04-Dec-2012 13:24:02

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 1.292 1.292 0.000 6570407 0.002878

2 2 1.648 1.648 0.000 3852478 0.002681

RPD = 7.10

3 PCB-1221

1 2 1.439

1 3 1.590

1 4 1.559

2 4 1.944

2 5 2.085

2 6 2.144

5 PCB-1242

1 100 1.558

1 2 1.900

1 3 2.327

1 4 2.459

1 5 2.871

2 6 2.143

2 7 2.568

2 8 3.050

2 9 3.198

2 10 3.715

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

4 PCB-1232

1	100	1.558
1	2	1.900
1	3	2.327
1	4	2.459
1	5	2.871
2	6	2.143
2	7	2.568
2	8	3.050
2	9	3.198
2	10	3.849

6 PCB-1016

1	100	0.0	1.558	-1.558	0	0		100.0
1	2	1.900	1.900	0.000	4259584	0.0593	149.3- 199.3	
1	3	2.327	2.327	0.000	8752024	0.0564	350.2- 400.2	
1	4	2.459	2.459	0.000	2770866	0.0430	130.7- 180.7	
1	5	2.871	2.871	0.000	5357715	0.0790	137.9- 187.9	
Average of Peak Amounts =						0.0594		
2	6	2.143	2.143	0.000	1315751	0.0585		100.0
2	7	2.568	2.568	0.000	2635086	0.0562	176.5- 236.5	200.3
2	8	3.050	3.050	0.000	5089344	0.0560	362.5- 422.5	386.8
2	9	3.198	3.198	0.000	2077145	0.0537	137.9- 197.9	157.9
2	10	3.849	3.849	0.000	1834313	0.0509	118.8- 178.8	139.4
Average of Peak Amounts =						0.0550		

RPD = 7.60

7 PCB-1248

1	86	1.900
1	2	2.327
1	3	2.871
1	4	3.496
1	5	3.961
2	6	2.568
2	7	3.050
2	8	3.715
2	9	3.849
2	10	4.917

8 PCB-1254

1	100	3.548
1	2	3.963
1	3	4.267
1	4	4.473
1	5	4.775
2	6	4.409
2	7	4.913
2	8	5.174
2	9	5.558
2	10	5.774

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
-----	-----	----	-----------	-----------	----------	---------------------	-------------	-------	-------

10 PCB-1260

1	100	4.166	4.166	0.000	5597524	0.0552		100.0	
1	2	4.475	4.475	0.000	11398713	0.0568	175.1- 225.1	203.6	
1	3	4.776	4.776	0.000	11230393	0.0561	173.2- 223.2	200.6	
1	4	5.524	5.524	0.000	15422300	0.0567	244.1- 294.1	275.5	
1	5	5.831	5.831	0.000	7039591	0.0545	101.5- 151.5	125.8	
Average of Peak Amounts =						0.0559			
2	6	5.136	5.136	0.000	3561188	0.0534		100.0	
2	7	5.383	5.383	0.000	4562953	0.0214	86.6- 146.6	128.1	
2	8	5.771	5.771	0.000	5811915	0.0497	142.9- 202.9	163.2	
2	9	6.504	6.504	0.000	7486821	0.0526	179.5- 239.5	210.2	
2	10	6.907	6.907	0.000	4342683	0.0417	121.8- 181.8	121.9	
Average of Peak Amounts =						0.0438			

RPD = 24.29

9 PCB-1262

1	100		4.475						
1	2		4.912						
1	3		5.173						
1	4		5.524						
1	5		5.928						
2	6		5.383						
2	7		5.883						
2	8		6.208						
2	9		6.504						
2	10		6.907						

11 PCB-1268

1	100		5.882						
1	2		5.919						
1	3		6.133						
1	4		6.537						
1	5		6.855						
2	6		6.903						
2	7		6.952						
2	8		7.232						
2	9		7.570						
2	10		7.932						

\$ 12 DCB Decachlorobiphenyl

1	100	7.064	7.064	0.000	6665335	0.002855			
2	2	8.216	8.216	0.000	3754965	0.002788			

RPD = 2.38

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 04-Dec-2012 13:27:10

Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCCchrom\ChromData\A2HP13\20121203-15489.b\1300032.D

Injection Date: 04-Dec-2012 08:56:47

Limit Group: GC 8082A ICAL

Client ID:

Instrument ID: A2HP13

Lims Batch ID: 67173

Lims Sample ID: 32

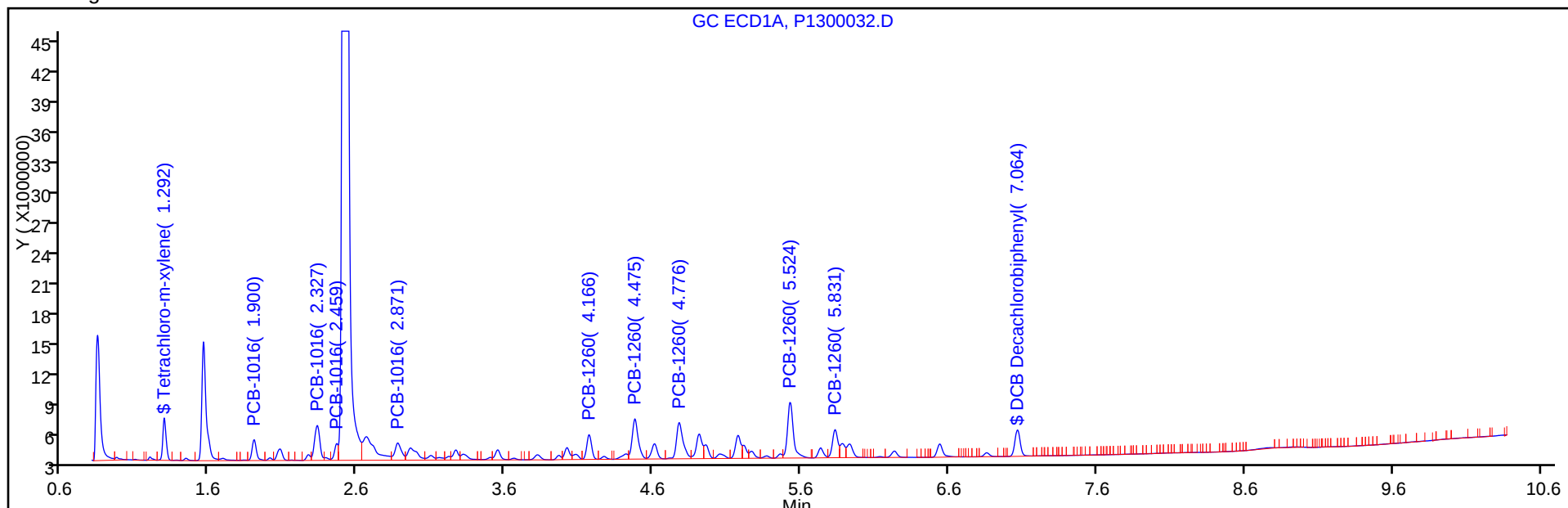
Operator ID:

Injection Vol: 1.0 mL

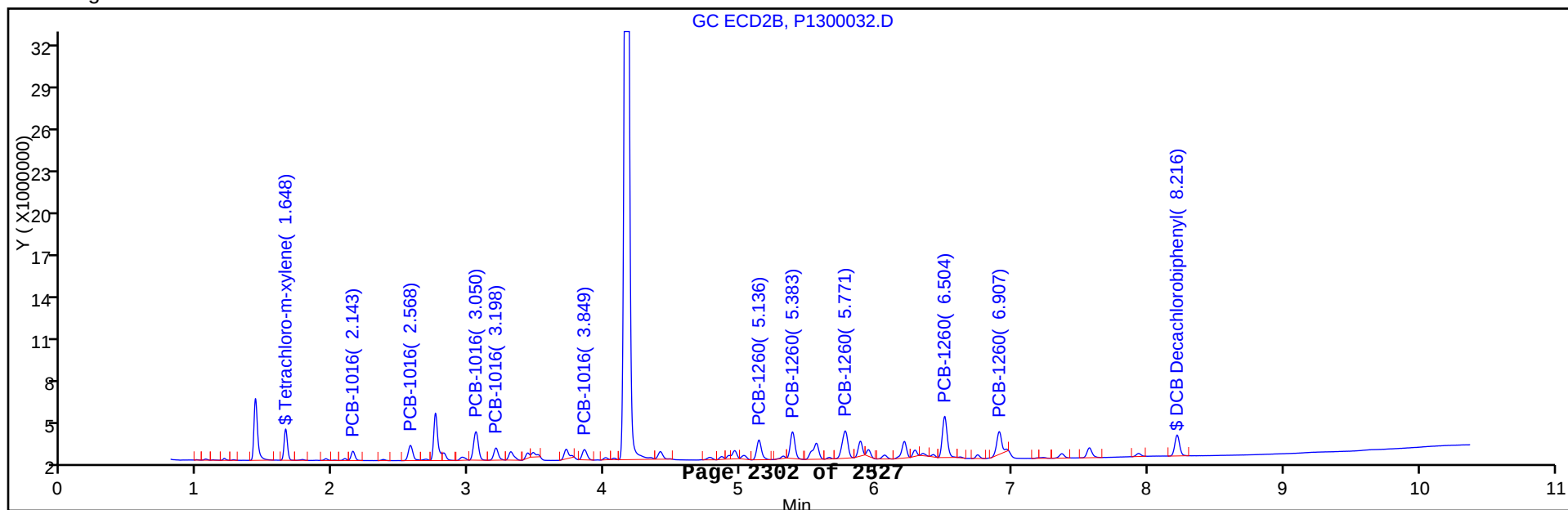
Column Type:

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 CantonJob No.: 240-17768-1

SDG No.: _____

Instrument ID: A2HP13Start Date: 10/21/2012 16:53Analysis Batch Number: 62068End 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 CantonJob No.: 240-17768-1

SDG No.: _____

Instrument ID: A2HP13Start Date: 10/21/2012 16:53Analysis Batch Number: 62068End 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.: 240-17768-1

SDG No.: _____

Instrument ID: A2HP13 Start Date: 10/21/2012 16:53Analysis 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 CantonJob No.: 240-17768-1

SDG No.: _____

Instrument ID: A2HP13Start Date: 12/04/2012 01:36Analysis Batch Number: 67173End Date: 12/04/2012 08:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-67173/3 CCVRT		12/04/2012 01:36	1	P1300003.D	CLP-1 0.53 (mm)
CCV 240-67173/3 CCVRT		12/04/2012 01:36	1	P1300003.D	CLP-2 0.53 (mm)
MRL 240-67173/10		12/04/2012 03:20	1	P1300010.D	CLP-1 0.53 (mm)
MRL 240-67173/10		12/04/2012 03:20	1	P1300010.D	CLP-2 0.53 (mm)
240-17768-9	076SB-0037M-0001-SO	12/04/2012 03:43	1	P1300011.D	CLP-1 0.53 (mm)
240-17768-9	076SB-0037M-0001-SO	12/04/2012 03:43	1	P1300011.D	CLP-2 0.53 (mm)
240-17768-10	076SB-0038M-0001-SO	12/04/2012 03:58	1	P1300012.D	CLP-1 0.53 (mm)
240-17768-10	076SB-0038M-0001-SO	12/04/2012 03:58	1	P1300012.D	CLP-2 0.53 (mm)
240-17768-11	076SB-0039M-0001-SO	12/04/2012 04:12	1	P1300013.D	CLP-1 0.53 (mm)
240-17768-11	076SB-0039M-0001-SO	12/04/2012 04:12	1	P1300013.D	CLP-2 0.53 (mm)
240-17768-12	076SB-0040M-0001-SO	12/04/2012 04:28	1	P1300014.D	CLP-1 0.53 (mm)
240-17768-12	076SB-0040M-0001-SO	12/04/2012 04:28	1	P1300014.D	CLP-2 0.53 (mm)
240-17768-13	076SB-0041M-0001-SO	12/04/2012 04:42	1	P1300015.D	CLP-1 0.53 (mm)
240-17768-13	076SB-0041M-0001-SO	12/04/2012 04:42	1	P1300015.D	CLP-2 0.53 (mm)
240-17768-14	076SB-0042M-0001-SO	12/04/2012 04:57	1	P1300016.D	CLP-1 0.53 (mm)
240-17768-14	076SB-0042M-0001-SO	12/04/2012 04:57	1	P1300016.D	CLP-2 0.53 (mm)
240-17768-15	076SB-0043M-0001-SO	12/04/2012 05:12	1	P1300017.D	CLP-1 0.53 (mm)
240-17768-15	076SB-0043M-0001-SO	12/04/2012 05:12	1	P1300017.D	CLP-2 0.53 (mm)
ZZZZZ		12/04/2012 05:27	1		CLP-1 0.53 (mm)
ZZZZZ		12/04/2012 05:27	1		CLP-2 0.53 (mm)
ZZZZZ		12/04/2012 05:42	1		CLP-1 0.53 (mm)
ZZZZZ		12/04/2012 05:42	1		CLP-2 0.53 (mm)
MB 240-66777/20-A		12/04/2012 05:57	1	P1300020.D	CLP-1 0.53 (mm)
MB 240-66777/20-A		12/04/2012 05:57	1	P1300020.D	CLP-2 0.53 (mm)
CCV 240-67173/21		12/04/2012 06:12	1	P1300021.D	CLP-1 0.53 (mm)
CCV 240-67173/21		12/04/2012 06:12	1	P1300021.D	CLP-2 0.53 (mm)
ZZZZZ		12/04/2012 06:27	1		CLP-1 0.53 (mm)
ZZZZZ		12/04/2012 06:27	1		CLP-2 0.53 (mm)
ZZZZZ		12/04/2012 06:42	1		CLP-1 0.53 (mm)
ZZZZZ		12/04/2012 06:42	1		CLP-2 0.53 (mm)
ZZZZZ		12/04/2012 06:57	1		CLP-1 0.53 (mm)
ZZZZZ		12/04/2012 06:57	1		CLP-2 0.53 (mm)
ZZZZZ		12/04/2012 07:12	1		CLP-1 0.53 (mm)
ZZZZZ		12/04/2012 07:12	1		CLP-2 0.53 (mm)
ZZZZZ		12/04/2012 07:27	1		CLP-1 0.53 (mm)
ZZZZZ		12/04/2012 07:27	1		CLP-2 0.53 (mm)
ZZZZZ		12/04/2012 07:42	1		CLP-1 0.53 (mm)
ZZZZZ		12/04/2012 07:42	1		CLP-2 0.53 (mm)
ZZZZZ		12/04/2012 07:56	1		CLP-1 0.53 (mm)
ZZZZZ		12/04/2012 07:56	1		CLP-2 0.53 (mm)
ZZZZZ		12/04/2012 08:11	1		CLP-1 0.53 (mm)
ZZZZZ		12/04/2012 08:11	1		CLP-2 0.53 (mm)
LCS 240-66777/21-A		12/04/2012 08:26	1	P1300030.D	CLP-1 0.53 (mm)
LCS 240-66777/21-A		12/04/2012 08:26	1	P1300030.D	CLP-2 0.53 (mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Instrument ID: A2HP13 Start Date: 12/04/2012 01:36Analysis Batch Number: 67173 End Date: 12/04/2012 08:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-67173/31		12/04/2012 08:41	1	P1300031.D	CLP-1 0.53 (mm)
CCV 240-67173/31		12/04/2012 08:41	1	P1300031.D	CLP-2 0.53 (mm)
MRL 240-67173/32		12/04/2012 08:56	1	P1300032.D	CLP-1 0.53 (mm)
MRL 240-67173/32		12/04/2012 08:56	1	P1300032.D	CLP-2 0.53 (mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Batch Number: 66777 Batch Start Date: 11/29/12 14:10 Batch Analyst: Cerne, AmandaBatch Method: 3540C Batch End Date: 11/30/12 06:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX10PPMSPK 00006	EX2/.2SURRW 00019	AnalysisComment	
240-17768-E-9-A	076SB-0037M-0001 -SO	3540C, 8082/DOD	T	29.75 g	10 mL		1 mL		
240-17768-E-10-A	076SB-0038M-0001 -SO	3540C, 8082/DOD	T	29.62 g	10 mL		1 mL		
240-17768-E-11-A	076SB-0039M-0001 -SO	3540C, 8082/DOD	T	29.78 g	10 mL		1 mL		
240-17768-E-12-A	076SB-0040M-0001 -SO	3540C, 8082/DOD	T	30.27 g	10 mL		1 mL		
240-17768-E-13-A	076SB-0041M-0001 -SO	3540C, 8082/DOD	T	30.37 g	10 mL		1 mL		
240-17768-E-14-A	076SB-0042M-0001 -SO	3540C, 8082/DOD	T	30.48 g	10 mL		1 mL		
240-17768-E-15-A	076SB-0043M-0001 -SO	3540C, 8082/DOD	T	29.96 g	10 mL		1 mL		
MB 240-66777/20		3540C, 8082/DOD		30.00 g	10 mL		1 mL	Associated w/ 66780	
LCS 240-66777/21		3540C, 8082/DOD		30.00 g	10 mL	1 mL	1 mL		

Batch Notes	
Acid used for Clean Up Reagent	724998
Balance ID	b036
Person's name who did the concentration	cc/lm
Exchange Solvent Lot #	671346
Na2SO4 Lot Number	677239
Prep Solvent Lot #	719013

Basis	Basis Description
T	Total/NA

Method 8015B – DRO

Diesel Range Organics (DRO) (GC) by
Method 8015B

FORM II
DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Matrix: Solid Level: Low
GC Column (1): _____ ID: _____

Client Sample ID	Lab Sample ID	C91 #
70SB-0011M-0001-SO	240-17768-1	74
70SB-0012M-0001-SO	240-17768-2	66
70SB-0013M-0001-SO	240-17768-3	54
70SB-0014M-0001-SO	240-17768-4	68
70SB-0015M-0001-SO	240-17768-5	74
70SB-0016M-0001-SO	240-17768-6	64
70SB-0017M-0001-SO	240-17768-7	73
	MB 240-66394/10-A	69
	LCS 240-66394/11-A	66
70SB-0017M-0001-SO MS	240-17768-7 MS	69
70SB-0017M-0001-SO MSD	240-17768-7 MSD	71

C9 = n-Nonane

QC LIMITS
10-110

Column to be used to flag recovery values

FORM II 8015B

FORM II
DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Matrix: Water Level: Low

GC Column (1): _____ ID: _____

Client Sample ID	Lab Sample ID	C91 #
	MRL 240-66605/4	106
	MRL 240-66605/34	105
	MRL 240-67061/4	83
	MRL 240-67061/11	85
	MRL 240-67287/27	103
	MRL 240-67287/31	105

C9 = n-Nonane

QC LIMITS
70-130

Column to be used to flag recovery values

FORM II 8015B

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: P5B28022.D
Lab ID: LCS 240-66394/11-A Client ID: _____

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Diesel	83.3	67.3	81	47-138	

Column to be used to flag recovery and RPD values

FORM III
DIESEL RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: P5B28004.D
Lab ID: MRL 240-66605/4 Client ID: _____

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	116	116	70-130	

Column to be used to flag recovery and RPD values

FORM III
DIESEL RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: P5B28034.D
Lab ID: MRL 240-66605/34 Client ID: _____

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	112	112	70-130	

Column to be used to flag recovery and RPD values

FORM III
DIESEL RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: P5B03004.D
Lab ID: MRL 240-67061/4 Client ID: _____

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	79.5	79	70-130	

Column to be used to flag recovery and RPD values

FORM III
DIESEL RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: P5B03011.D
Lab ID: MRL 240-67061/11 Client ID: _____

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	85.8	86	70-130	

Column to be used to flag recovery and RPD values

FORM III
DIESEL RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: P5B04027.D
Lab ID: MRL 240-67287/27 Client ID: _____

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	102	102	70-130	

Column to be used to flag recovery and RPD values

FORM III
DIESEL RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: P5B04031.D
Lab ID: MRL 240-67287/31 Client ID: _____

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Diesel	100	105	105	70-130	

Column to be used to flag recovery and RPD values

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: P5B28031.D
Lab ID: 240-17768-7 MS Client ID: 70SB-0017M-0001-SO MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Diesel	82.8	55	115	72	10-199	

Column to be used to flag recovery and RPD values

FORM III
DIESEL RANGE ORGANICS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: P5B28032.D
Lab ID: 240-17768-7 MSD Client ID: 70SB-0017M-0001-SO MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Diesel	83.8	118	74	3	30	10-199	

Column to be used to flag recovery and RPD values

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: MB 240-66394/10-A
Matrix: Solid Date Extracted: 11/27/2012 09:12
Lab File ID: (1) P5B28021.D Lab File ID: (2) _____
Date Analyzed: (1) 11/28/2012 22:04 Date Analyzed: (2) _____
Instrument ID: (1) A2HP5R Instrument ID: (2) _____
GC Column: (1) _____ ID: _____ GC Column: (2) _____ ID: _____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-66394/11-A	11/28/2012 22:35	
70SB-0012M-0001-SO	240-17768-2	11/28/2012 23:35	
70SB-0015M-0001-SO	240-17768-5	11/29/2012 01:06	
70SB-0016M-0001-SO	240-17768-6	11/29/2012 01:37	
70SB-0017M-0001-SO	240-17768-7	11/29/2012 02:38	
70SB-0017M-0001-SO MS	240-17768-7 MS	11/29/2012 03:08	
70SB-0017M-0001-SO MSD	240-17768-7 MSD	11/29/2012 03:38	
70SB-0011M-0001-SO	240-17768-1	12/03/2012 13:36	
70SB-0014M-0001-SO	240-17768-4	12/03/2012 14:38	
70SB-0013M-0001-SO	240-17768-3	12/05/2012 03:01	

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17768-1
 SDG No.: _____
 Sample No.: CCV 240-66605/5 Date Analyzed: 11/28/2012 14:00
 Instrument ID: A2HP5R GC Column: _____ ID: ()
 Lab File ID (Standard): P5B28005.D Heated Purge: (Y/N) N
 Calibration ID: 12514

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				C9		
				RT #		
CONTINUING CALIBRATION SURROGATE				3.74		
UPPER LIMIT				3.84		
LOWER LIMIT				3.64		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-66605/5 CCVRT		11/28/2012 14:00	P5B28005.D	3.74		
CCV 240-66605/20		11/28/2012 21:34	P5B28020.D	3.73		
MB 240-66394/10-A		11/28/2012 22:04	P5B28021.D	3.73		
LCS 240-66394/11-A		11/28/2012 22:35	P5B28022.D	3.72		
240-17768-2	70SB-0012M-0001-SO	11/28/2012 23:35	P5B28024.D	3.74		
240-17768-5	70SB-0015M-0001-SO	11/29/2012 01:06	P5B28027.D	3.75		
240-17768-6	70SB-0016M-0001-SO	11/29/2012 01:37	P5B28028.D	3.76		
CCV 240-66605/29		11/29/2012 02:07	P5B28029.D	3.74		
240-17768-7	70SB-0017M-0001-SO	11/29/2012 02:38	P5B28030.D	3.75		
240-17768-7 MS	70SB-0017M-0001-SO MS	11/29/2012 03:08	P5B28031.D	3.75		
240-17768-7 MSD	70SB-0017M-0001-SO MSD	11/29/2012 03:38	P5B28032.D	3.75		
CCV 240-66605/33		11/29/2012 04:09	P5B28033.D	3.74		

C9 = n-Nonane

C9 RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17768-1
 SDG No.: _____
 Sample No.: CCV 240-67061/5 Date Analyzed: 12/03/2012 12:35
 Instrument ID: A2HP5R GC Column: _____ ID: ()
 Lab File ID (Standard): P5B03005.D Heated Purge: (Y/N) N
 Calibration ID: 12514

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				C9		
				RT #		
CONTINUING CALIBRATION SURROGATE				3.74		
UPPER LIMIT				3.84		
LOWER LIMIT				3.64		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-67061/5 CCVRT		12/03/2012 12:35	P5B03005.D	3.74		
240-17768-1	70SB-0011M-0001-SO	12/03/2012 13:36	P5B03006.D	3.75		
240-17768-4	70SB-0014M-0001-SO	12/03/2012 14:38	P5B03008.D	3.74		
CCV 240-67061/10		12/03/2012 15:55	P5B03010.D	3.74		

C9 = n-Nonane

C9 RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17768-1
 SDG No.: _____
 Sample No.: CCV 240-67287/4 Date Analyzed: 12/04/2012 14:24
 Instrument ID: A2HP5R GC Column: _____ ID: ()
 Lab File ID (Standard): P5B04004.D Heated Purge: (Y/N) N
 Calibration ID: 12514

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSS IS GIVEN BELOW:

				C9		
				RT #		
CONTINUING CALIBRATION SURROGATE				3.74		
UPPER LIMIT				3.84		
LOWER LIMIT				3.64		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-67287/4 CCVRT		12/04/2012 14:24	P5B04004.D	3.74		
CCV 240-67287/28		12/05/2012 02:31	P5B04028.D	3.74		
240-17768-3	70SB-0013M-0001-SO	12/05/2012 03:01	P5B04029.D	3.75		
CCV 240-67287/30		12/05/2012 03:31	P5B04030.D	3.74		

C9 = n-Nonane

C9 RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: 70SB-0011M-0001-SO Lab Sample ID: 240-17768-1
Matrix: Solid Lab File ID: P5B03006.D
Analysis Method: 8015B Date Collected: 11/14/2012 12:50
Extraction Method: 3540C Date Extracted: 11/27/2012 09:12
Sample wt/vol: 29.71(g) Date Analyzed: 12/03/2012 13:36
Con. Extract Vol.: 5(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 67061 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	30		17	9.4	9.4
STL00272	C20-C34	120	M	17	9.4	9.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	74		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03006.D
Lims ID: 240-17768-H-1-E Client ID: 70SB-0011M-0001-SO
Inject. Date: 03-Dec-2012 13:36:50 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015465-006
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 56
Lims Batch ID: 67061 Lims Sample ID: 6
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\TPH5R.m
Last Update: 04-Dec-2012 10:35:39 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK023

First Level Reviewer: bolgrind

Date: 03-Dec-2012 14:33:04

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.753 3.740 0.013 11013123 73.7

A 12 C10-C20

7.428 4.870 - 9.985 28176560 179.9

A 15 Diesel

9.110 4.870 - 13.349 69127979 441.3

A 22 C20-C34

12.601 10.024 -15.175 108252539 691.1 M

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03006.D

Injection Date: 03-Dec-2012 13:36:50

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0011M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 67061

Lims Sample ID: 6

Operator ID: 4275

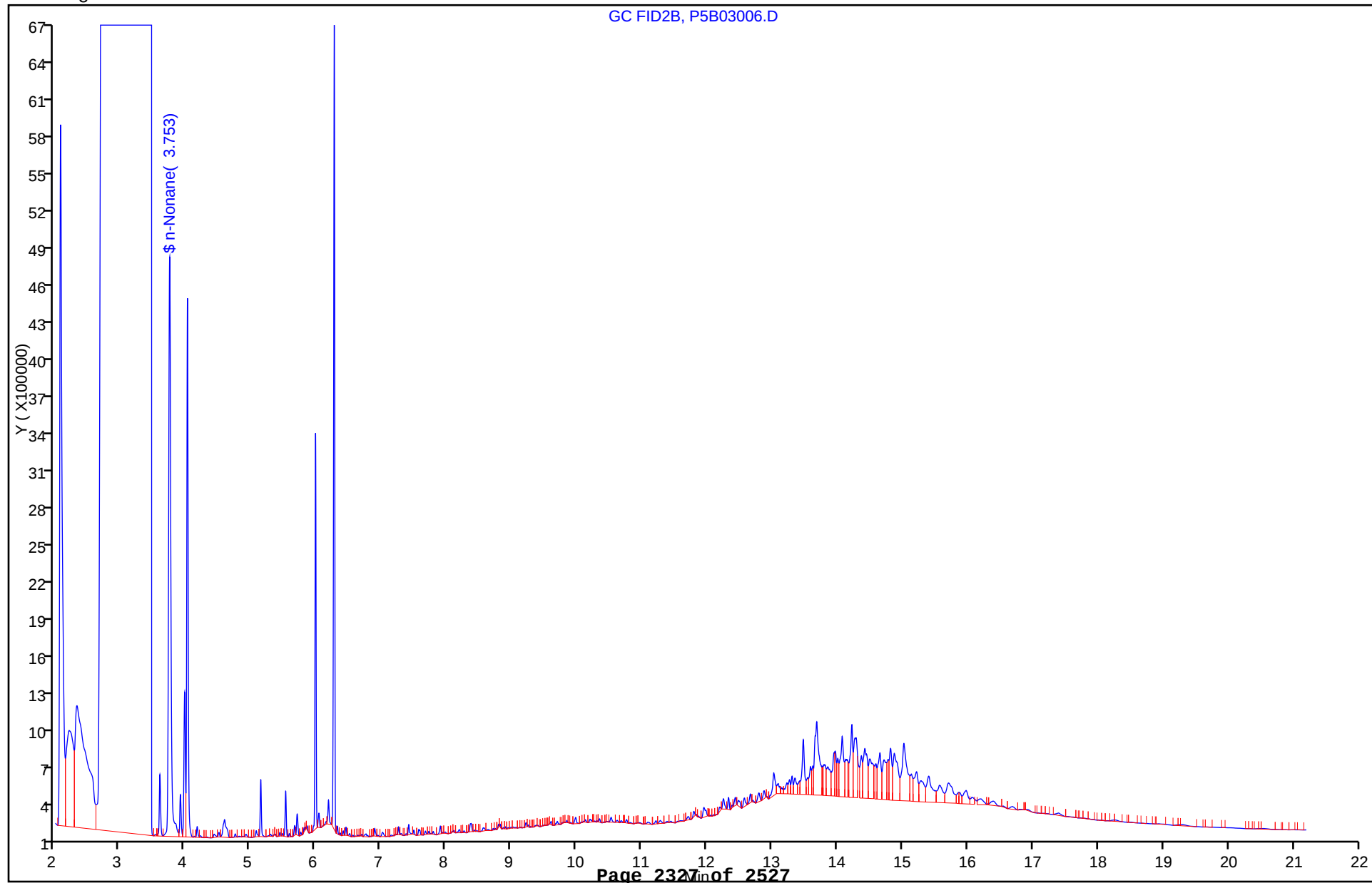
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B03006.D



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03006.D

Injection Date: 03-Dec-2012 13:36:50

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0011M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 67061

Lims Sample ID: 6

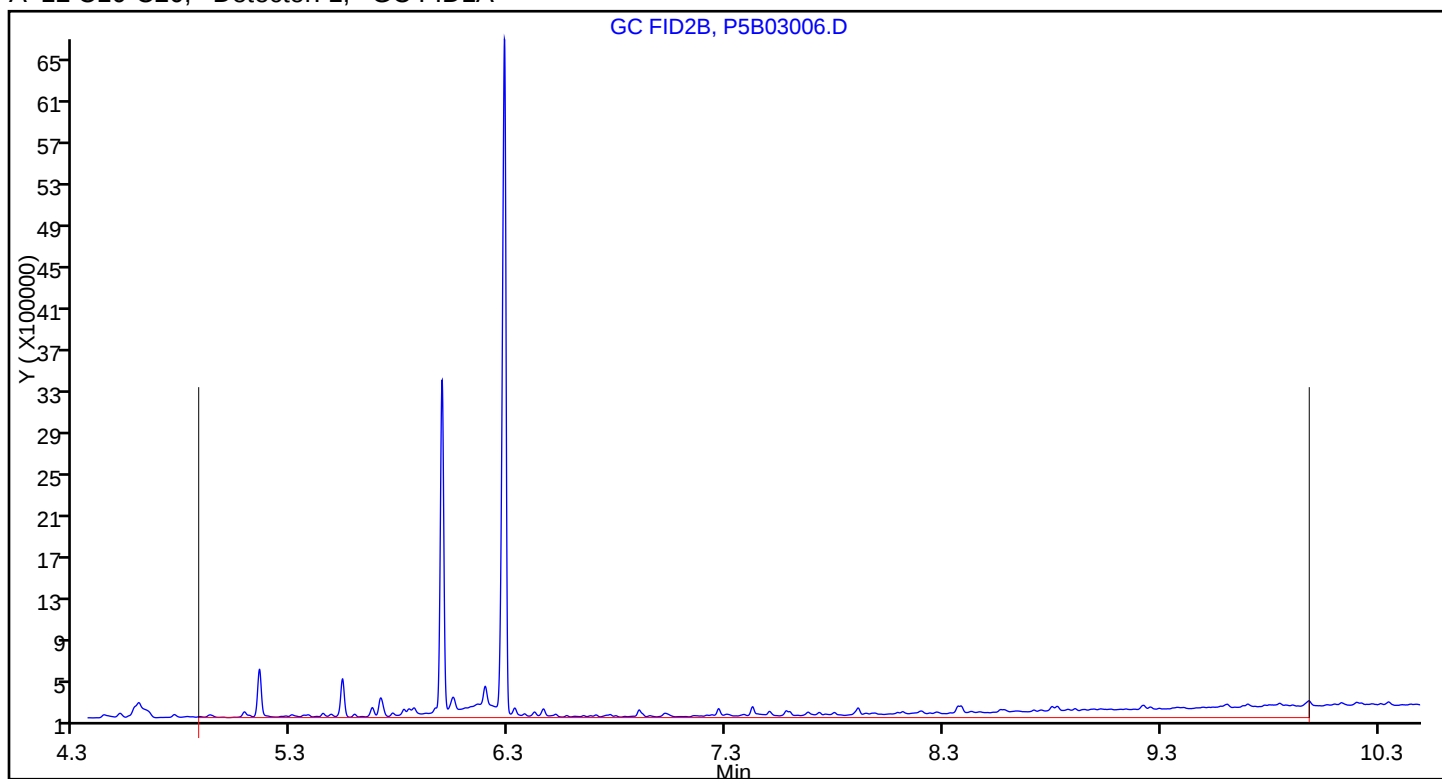
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 12 C10-C20, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03006.D

Injection Date: 03-Dec-2012 13:36:50

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0011M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 67061

Lims Sample ID: 6

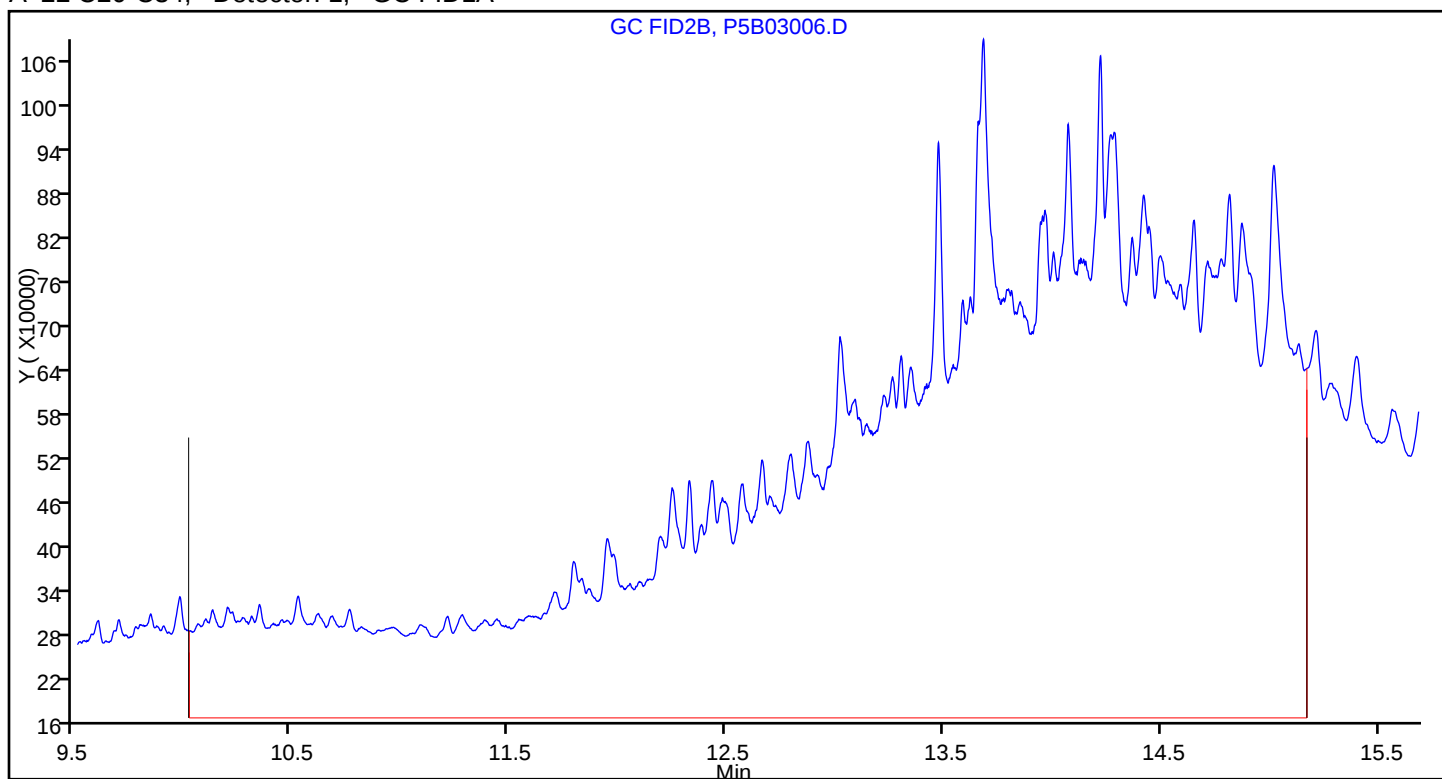
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 22 C20-C34, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03006.D

Injection Date: 03-Dec-2012 13:36:50

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0011M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 67061

Lims Sample ID: 6

Operator ID: 4275

Injection Vol: 1.0 ul

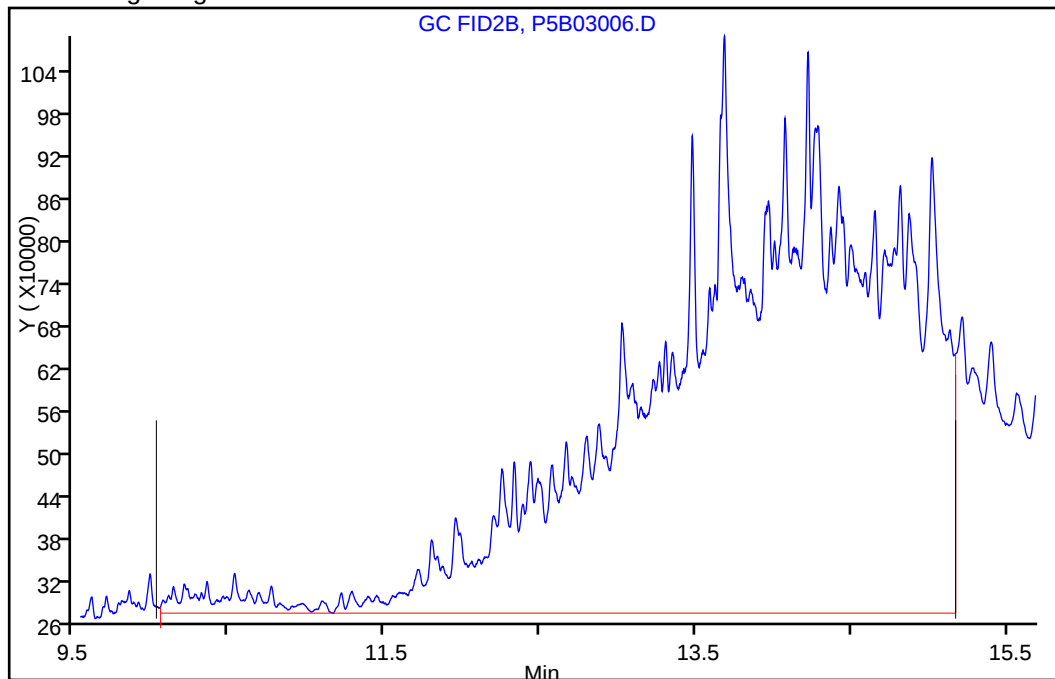
Column Type:

Column Dia:

A 22 C20-C34, Signal: 1, Type: quant, RT: 12.58

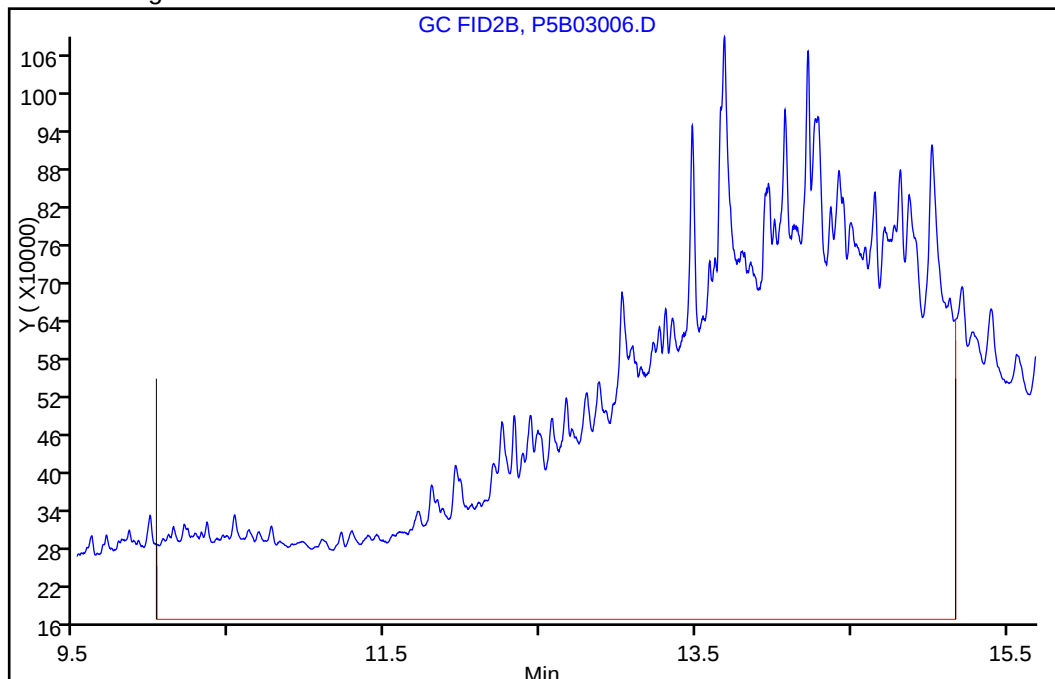
RT: 12.61
Response: 74216156
Amount: 473.7776

Processing Integration Results



RT: 12.60
Response: 108252539
Amount: 691.0575

Manual Integration Results



Reviewer: bolgrind, 03-Dec-2012 14:33:04

Audit Action: Manually Integrated

Audit Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: 70SB-0012M-0001-SO Lab Sample ID: 240-17768-2
Matrix: Solid Lab File ID: P5B28024.D
Analysis Method: 8015B Date Collected: 11/14/2012 12:50
Extraction Method: 3540C Date Extracted: 11/27/2012 09:12
Sample wt/vol: 30.23(g) Date Analyzed: 11/28/2012 23:35
Con. Extract Vol.: 5 (mL) Dilution Factor: 10
Injection Volume: 1 (uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 66605 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	730	D	170	92	92
STL00272	C20-C34	990	D M	170	92	92

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	66		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28024.D
Lims ID: 240-17768-H-2-C Client ID: 70SB-0012M-0001-SO
Inject. Date: 28-Nov-2012 23:35:34 Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 240-0015345-024
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 74
Lims Batch ID: 66605 Lims Sample ID: 24
Detector: GC FID2B

Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
Last Update: 29-Nov-2012 09:30:02 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK022

First Level Reviewer: bolgrind

Date: 29-Nov-2012 08:37:43

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.738 3.736 0.002 984361 6.59

A 12 C10-C20

7.426 4.867 - 9.984 69181423 441.6

A 15 Diesel

9.107 4.867 - 13.348 136331718 870.3

A 22 C20-C34

12.598 9.984 - 15.174 93962421 599.8 M

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28024.D

Injection Date: 28-Nov-2012 23:35:34

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0012M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 24

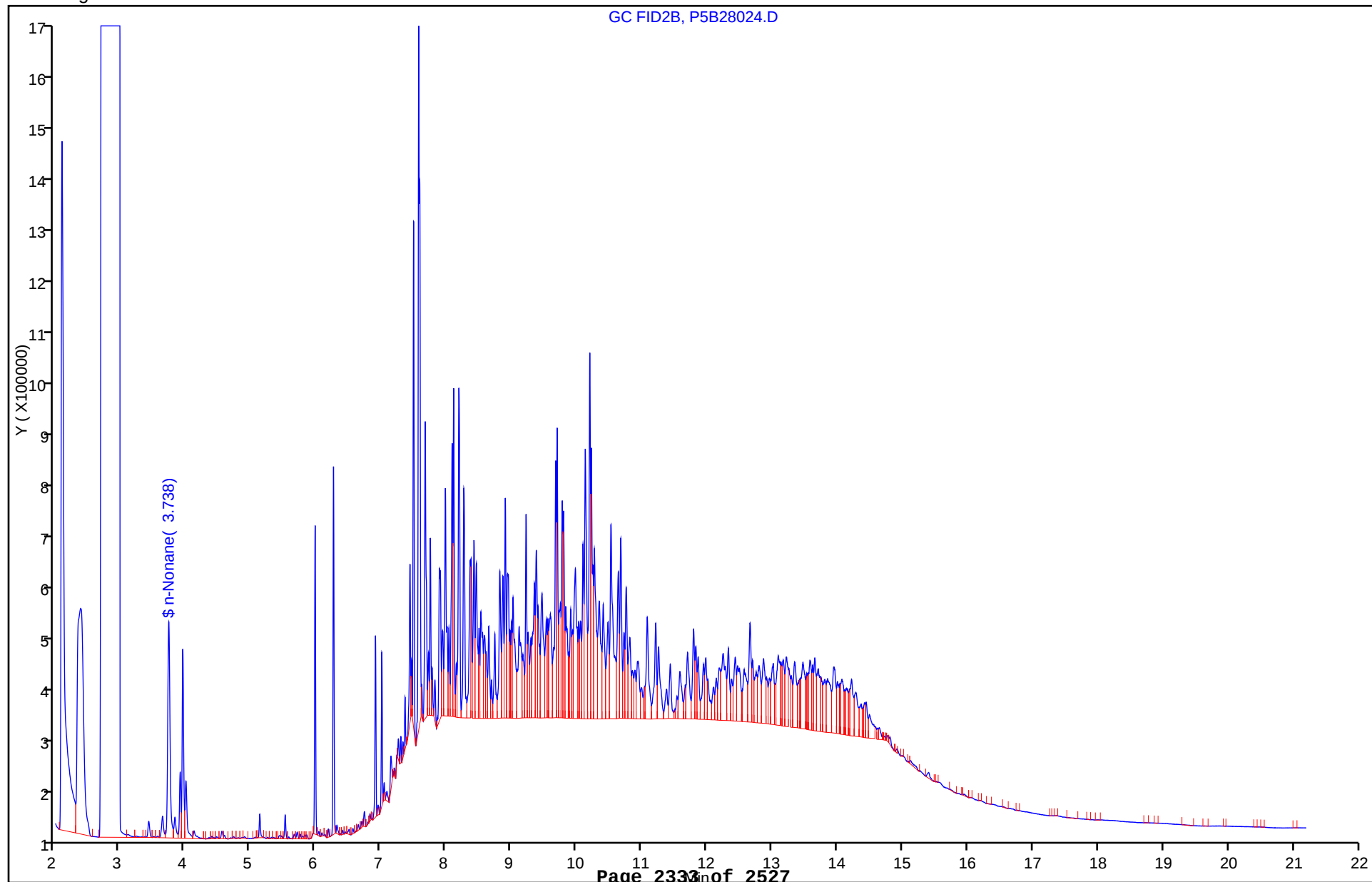
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28024.D

Injection Date: 28-Nov-2012 23:35:34

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0012M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 24

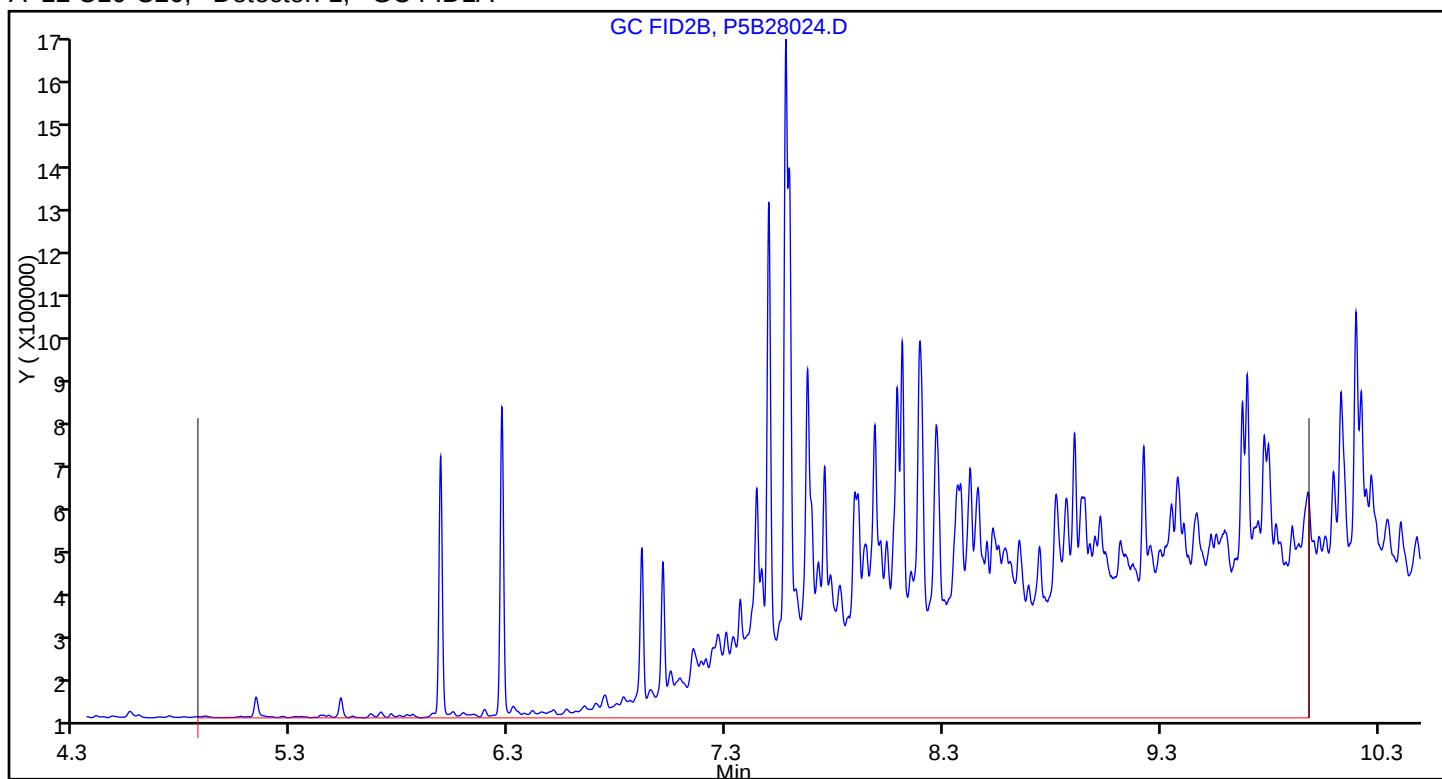
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 12 C10-C20, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28024.D

Injection Date: 28-Nov-2012 23:35:34

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0012M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 24

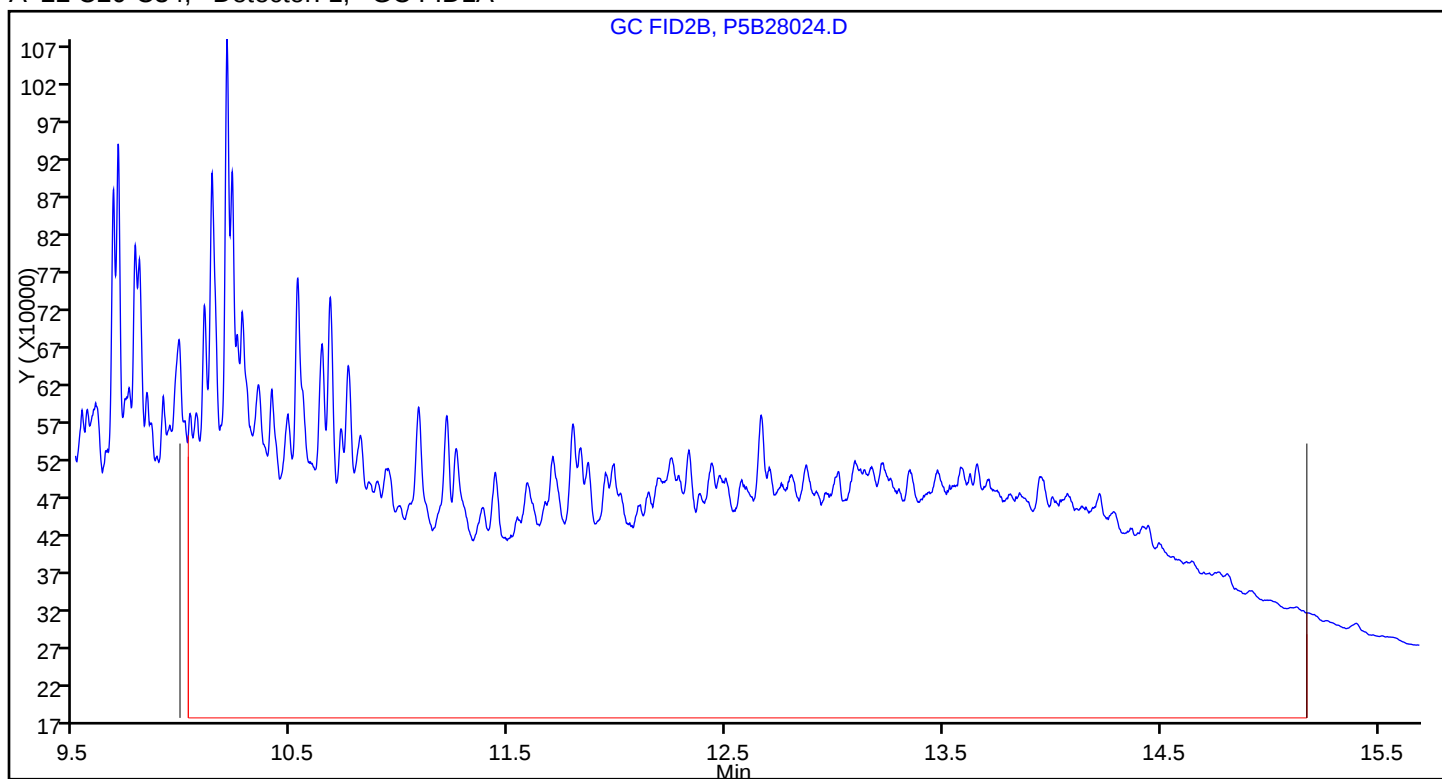
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 22 C20-C34, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28024.D

Injection Date: 28-Nov-2012 23:35:34

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0012M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 24

Operator ID: 4275

Injection Vol: 1.0 ul

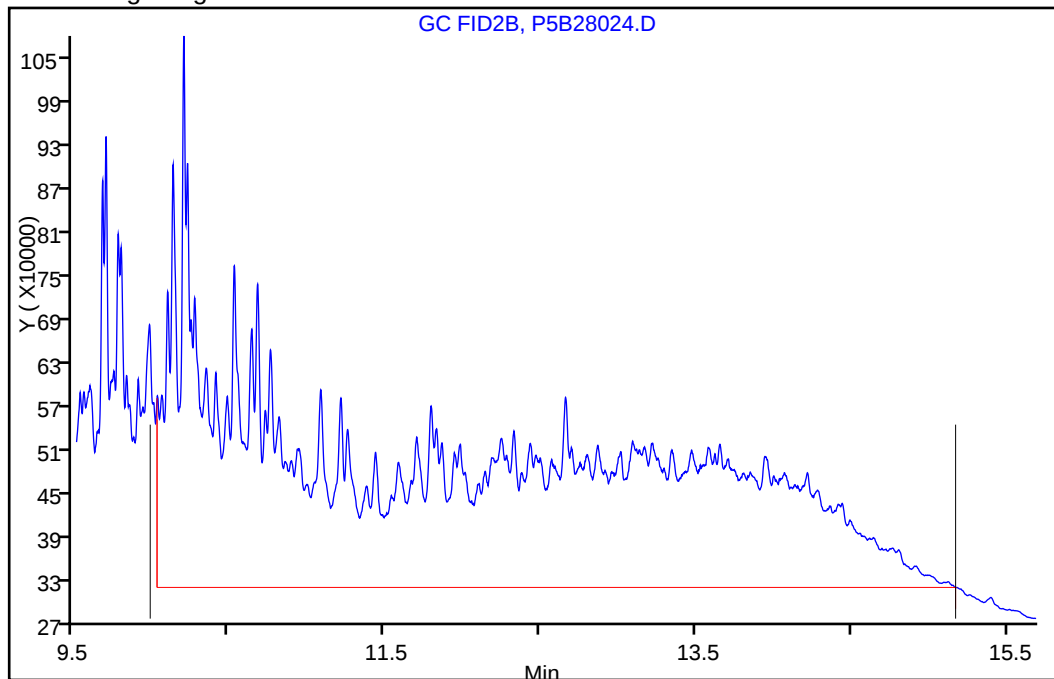
Column Type:

Column Dia:

A 22 C20-C34, Signal: 1, Type: quant, RT: 12.58

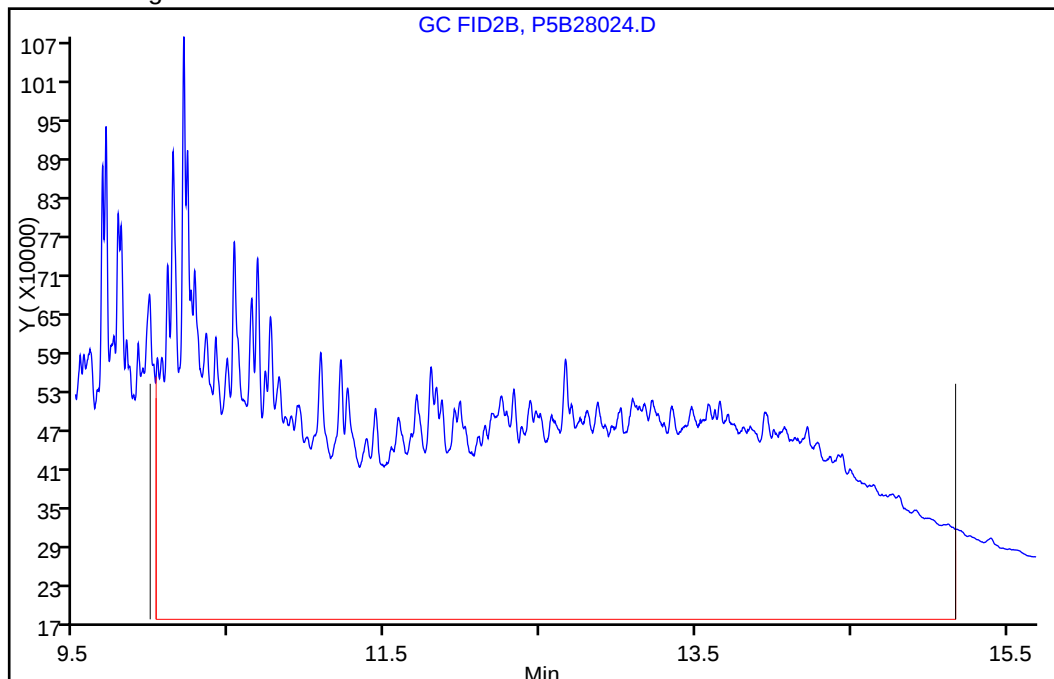
RT: 12.60
Response: 50536081
Amount: 322.6099

Processing Integration Results



RT: 12.60
Response: 93962421
Amount: 599.8329

Manual Integration Results



Reviewer: bolgrind, 29-Nov-2012 09:25:43

Audit Action: Manually Integrated

Audit Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: 70SB-0013M-0001-SO Lab Sample ID: 240-17768-3
Matrix: Solid Lab File ID: P5B04029.D
Analysis Method: 8015B Date Collected: 11/14/2012 11:00
Extraction Method: 3540C Date Extracted: 11/27/2012 09:12
Sample wt/vol: 30.30(g) Date Analyzed: 12/05/2012 03:01
Con. Extract Vol.: 5(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 67287 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	37		17	9.2	9.2
STL00272	C20-C34	160	M	17	9.2	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	54		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04029.D
 Lims ID: 240-17768-H-3-C Client ID: 70SB-0013M-0001-SO
 Inject. Date: 05-Dec-2012 03:01:43 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 240-0015518-029
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 79
 Lims Batch ID: 67287 Lims Sample ID: 29
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\TPH5R.m
 Last Update: 05-Dec-2012 09:17:24 Calib Date: 26-Nov-2012 16:13:35
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
 Limit Group: GC TPH DIESEL ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK021

First Level Reviewer: bolgrind

Date: 05-Dec-2012 09:15:11

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.753 3.742 0.011 8019569 53.7

A 12 C10-C20

7.429 4.872 - 9.986 34653825 221.2

A 15 Diesel

9.112 4.872 - 13.352 106176683 677.8

A 22 C20-C34

12.582 9.986 - 15.178 150336752 959.7 M

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04029.D

Injection Date: 05-Dec-2012 03:01:43

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0013M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 67287

Lims Sample ID: 29

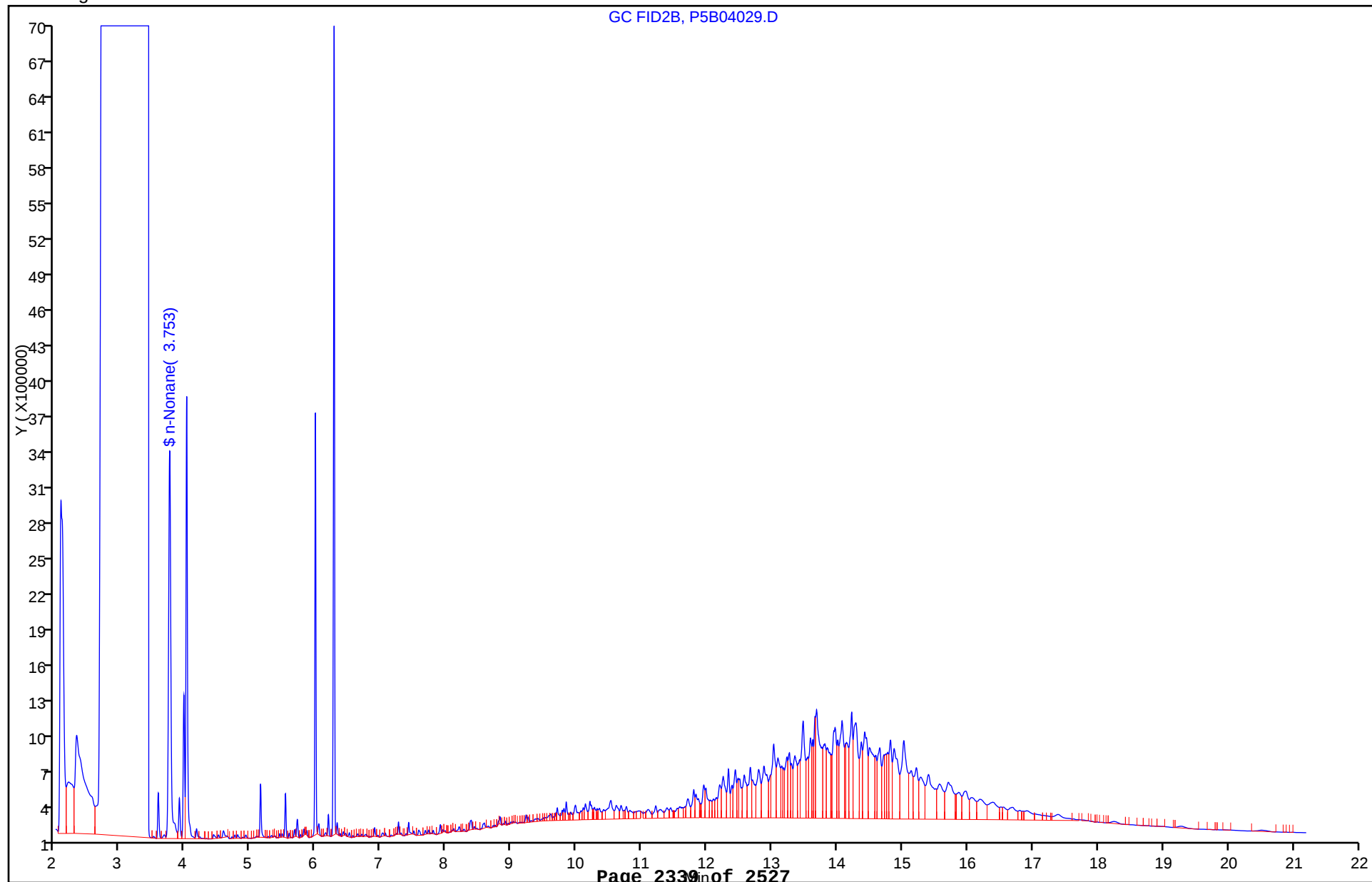
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04029.D

Injection Date: 05-Dec-2012 03:01:43

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0013M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 67287

Lims Sample ID: 29

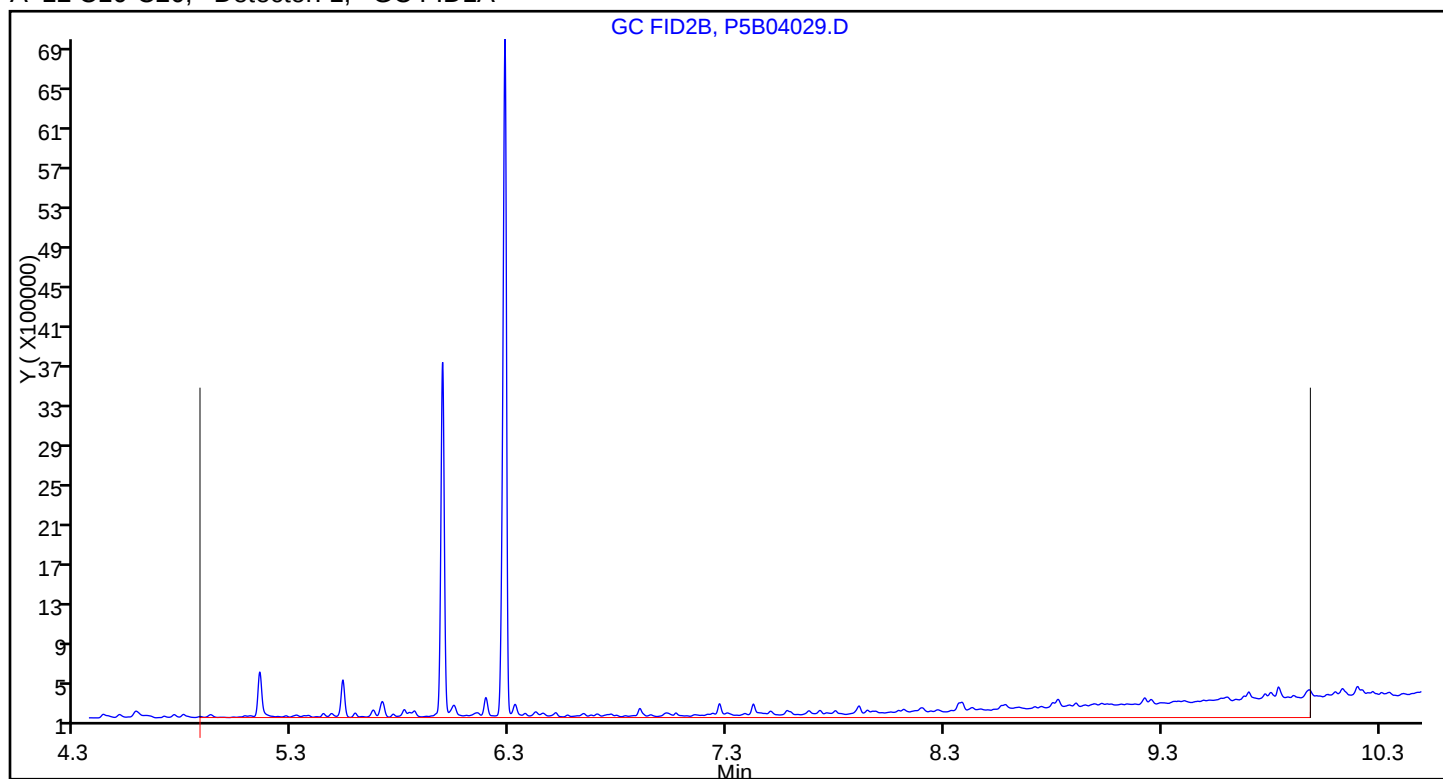
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 12 C10-C20, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04029.D

Injection Date: 05-Dec-2012 03:01:43

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0013M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 67287

Lims Sample ID: 29

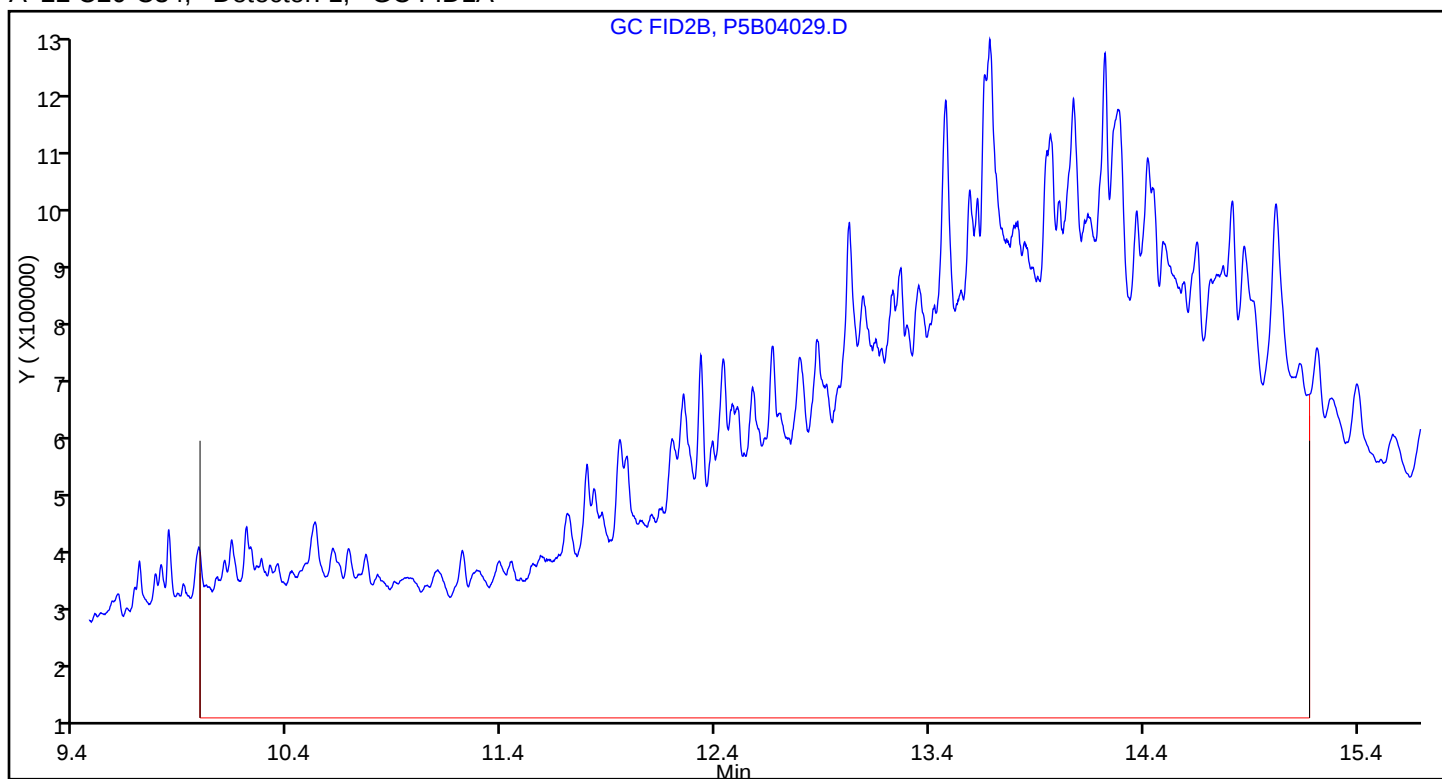
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 22 C20-C34, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04029.D

Injection Date: 05-Dec-2012 03:01:43

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0013M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 67287

Lims Sample ID: 29

Operator ID: 4275

Injection Vol: 1.0 ul

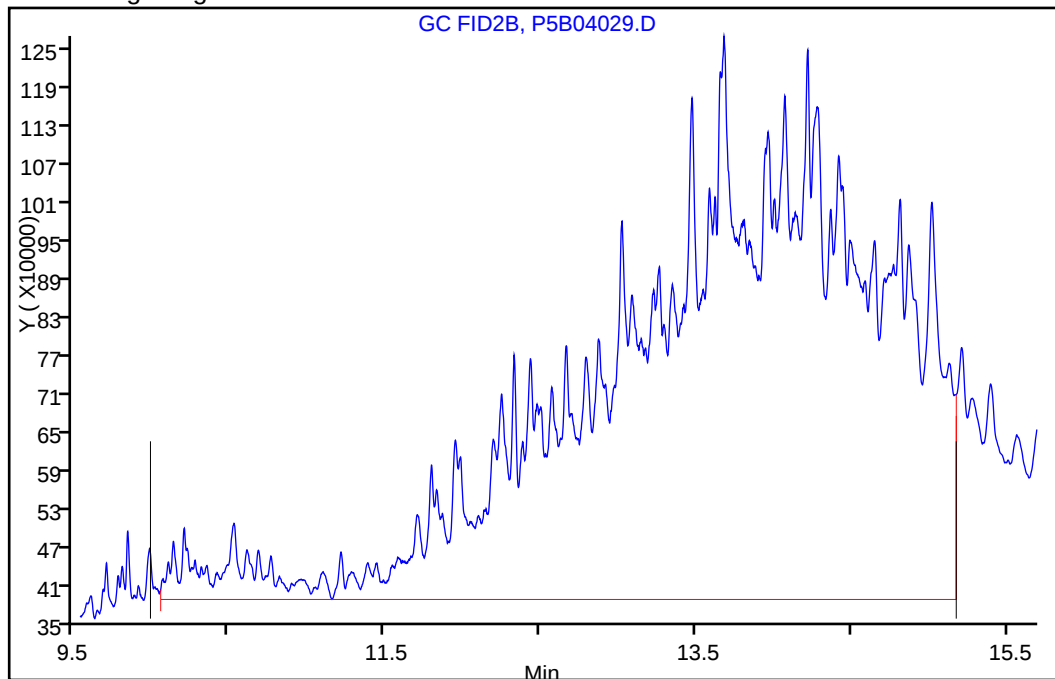
Column Type:

Column Dia:

A 22 C20-C34, Signal: 1, Type: quant, RT: 12.58

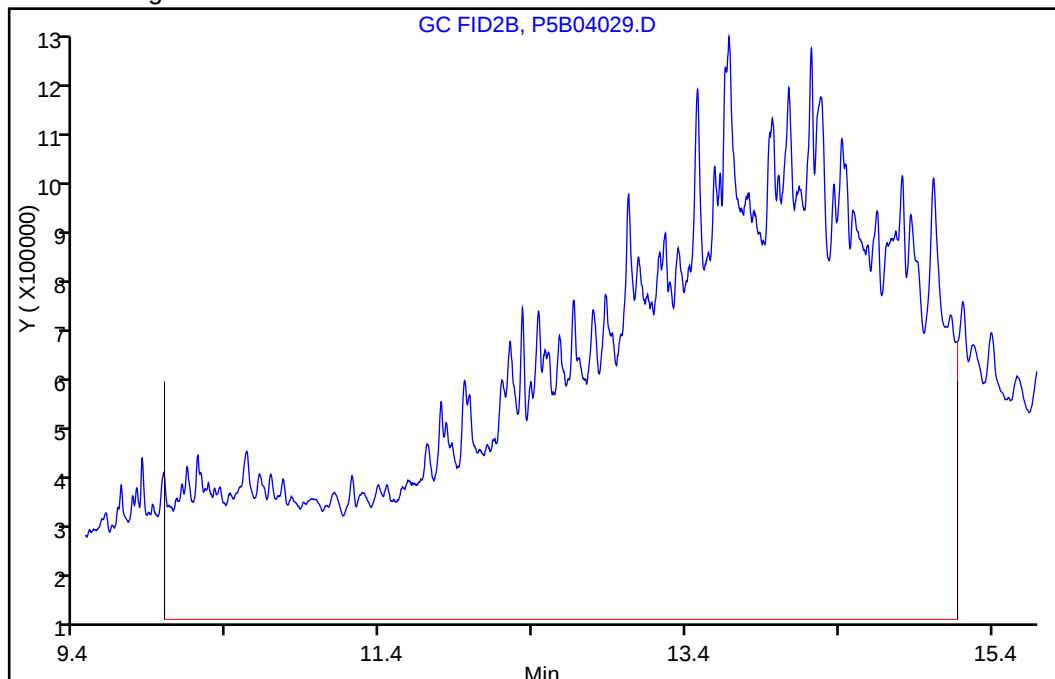
RT: 12.62
Response: 91316995
Amount: 582.9452

Processing Integration Results



RT: 12.58
Response: 150336752
Amount: 959.7127

Manual Integration Results



Reviewer: bolgrind, 05-Dec-2012 09:15:11

Audit Action: Manually Integrated

Audit Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: 70SB-0014M-0001-SO Lab Sample ID: 240-17768-4
Matrix: Solid Lab File ID: P5B03008.D
Analysis Method: 8015B Date Collected: 11/14/2012 09:35
Extraction Method: 3540C Date Extracted: 11/27/2012 09:12
Sample wt/vol: 30.42(g) Date Analyzed: 12/03/2012 14:38
Con. Extract Vol.: 5(mL) Dilution Factor: 100
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 67061 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	3300	D	1600	910	910
STL00272	C20-C34	4700	D M	1600	910	910

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	68		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03008.D
 Lims ID: 240-17768-H-4-C Client ID: 70SB-0014M-0001-SO
 Inject. Date: 03-Dec-2012 14:38:00 Dil. Factor: 100.0000
 Sample Type: Client
 Sample ID: 240-0015465-008
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 58
 Lims Batch ID: 67061 Lims Sample ID: 8
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\TPH5R.m
 Last Update: 04-Dec-2012 10:35:39 Calib Date: 26-Nov-2012 16:13:35
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
 Limit Group: GC TPH DIESEL ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK023

First Level Reviewer: bolgrind

Date: 03-Dec-2012 16:10:40

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	--------	--------	----------	------------------	-------

\$ 8 n-Nonane

3.741 3.740 0.001 101595 0.6803 7

LOD = 3.00

A 12 C10-C20

7.428 4.870 - 9.985 31042968 198.2

A 15 Diesel

9.110 4.870 - 13.349 60674442 387.3

A 22 C20-C34

12.614 10.024 -15.175 44653712 285.1 M

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03008.D

Injection Date: 03-Dec-2012 14:38:00

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0014M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 67061

Lims Sample ID: 8

Operator ID: 4275

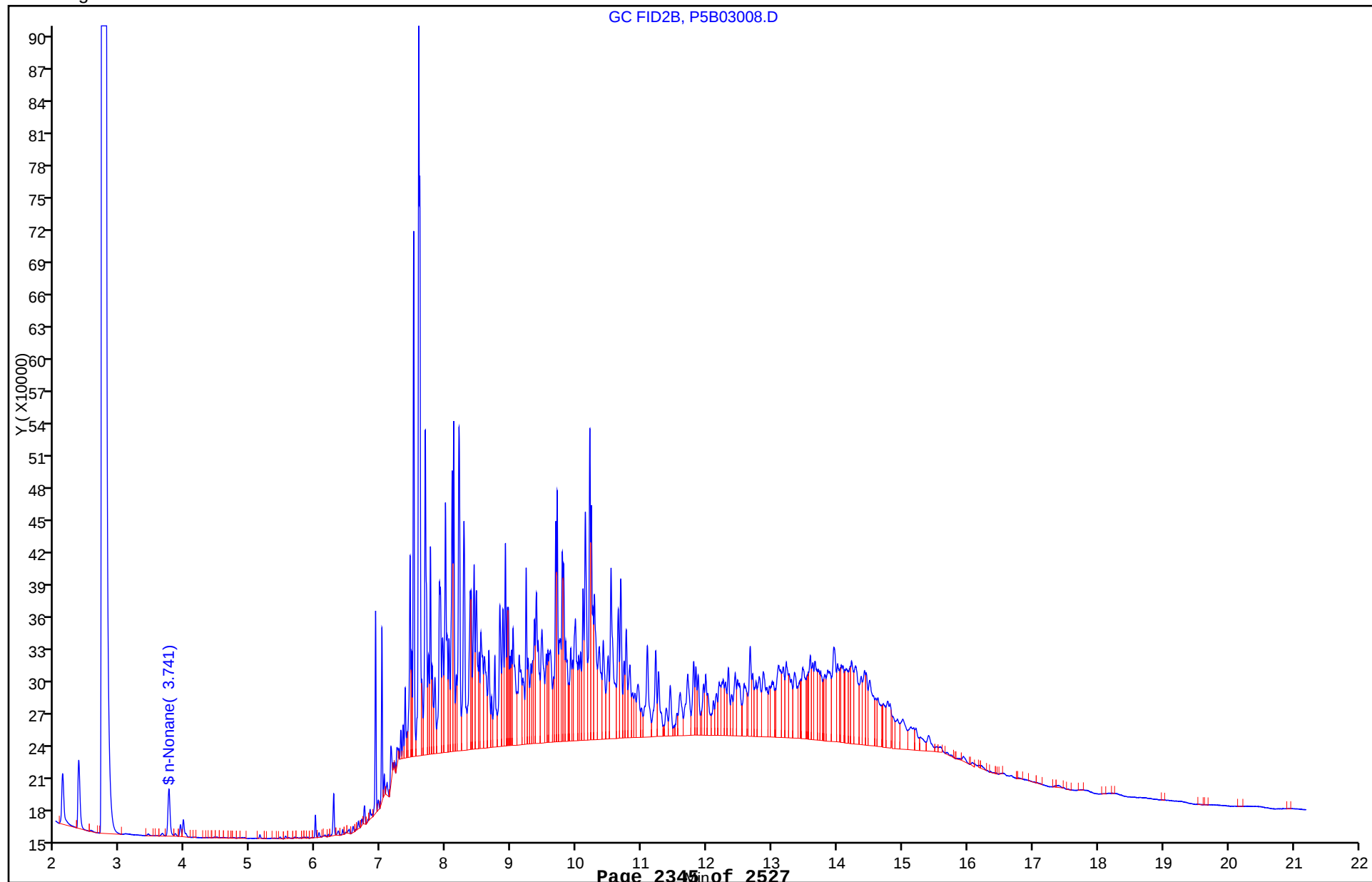
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B03008.D



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03008.D

Injection Date: 03-Dec-2012 14:38:00

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0014M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 67061

Lims Sample ID: 8

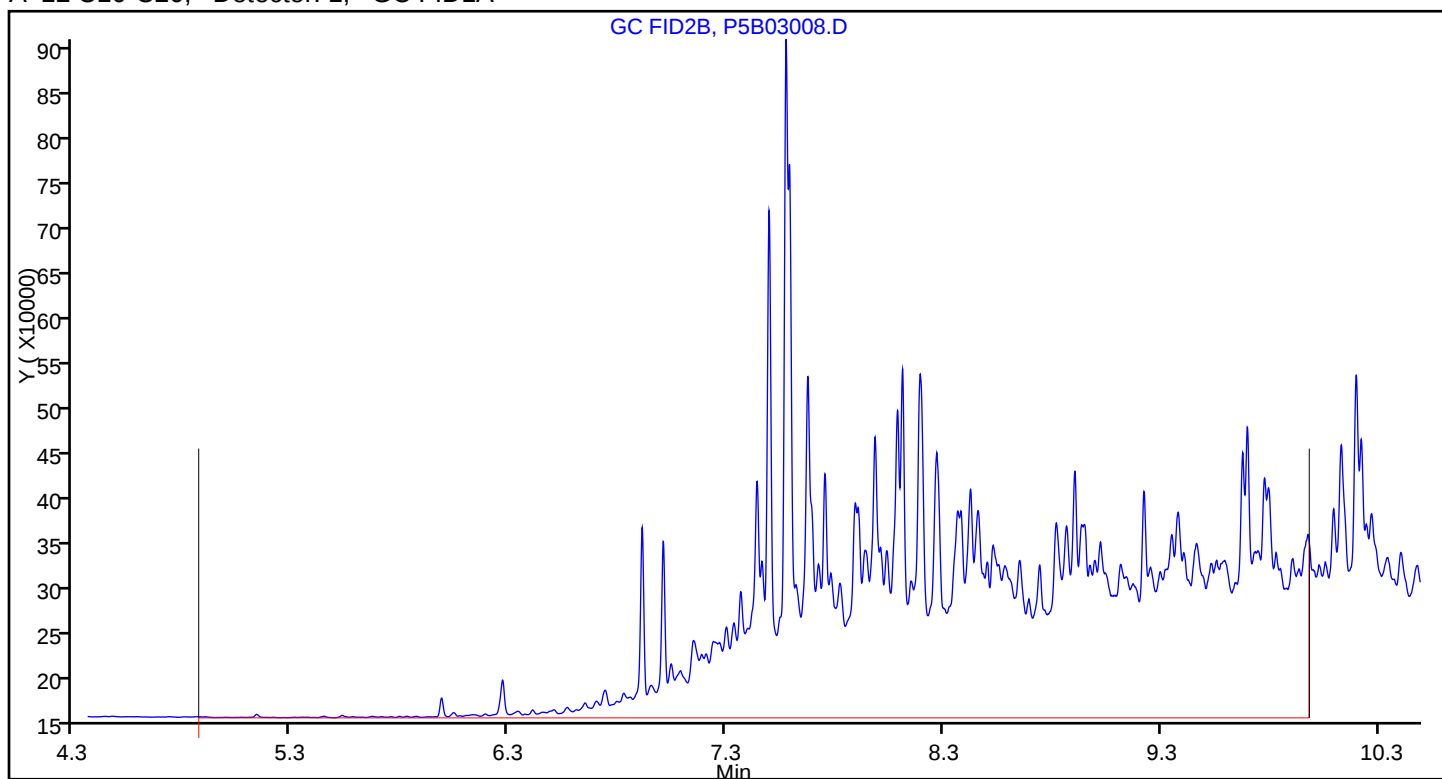
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 12 C10-C20, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03008.D

Injection Date: 03-Dec-2012 14:38:00

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0014M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 67061

Lims Sample ID: 8

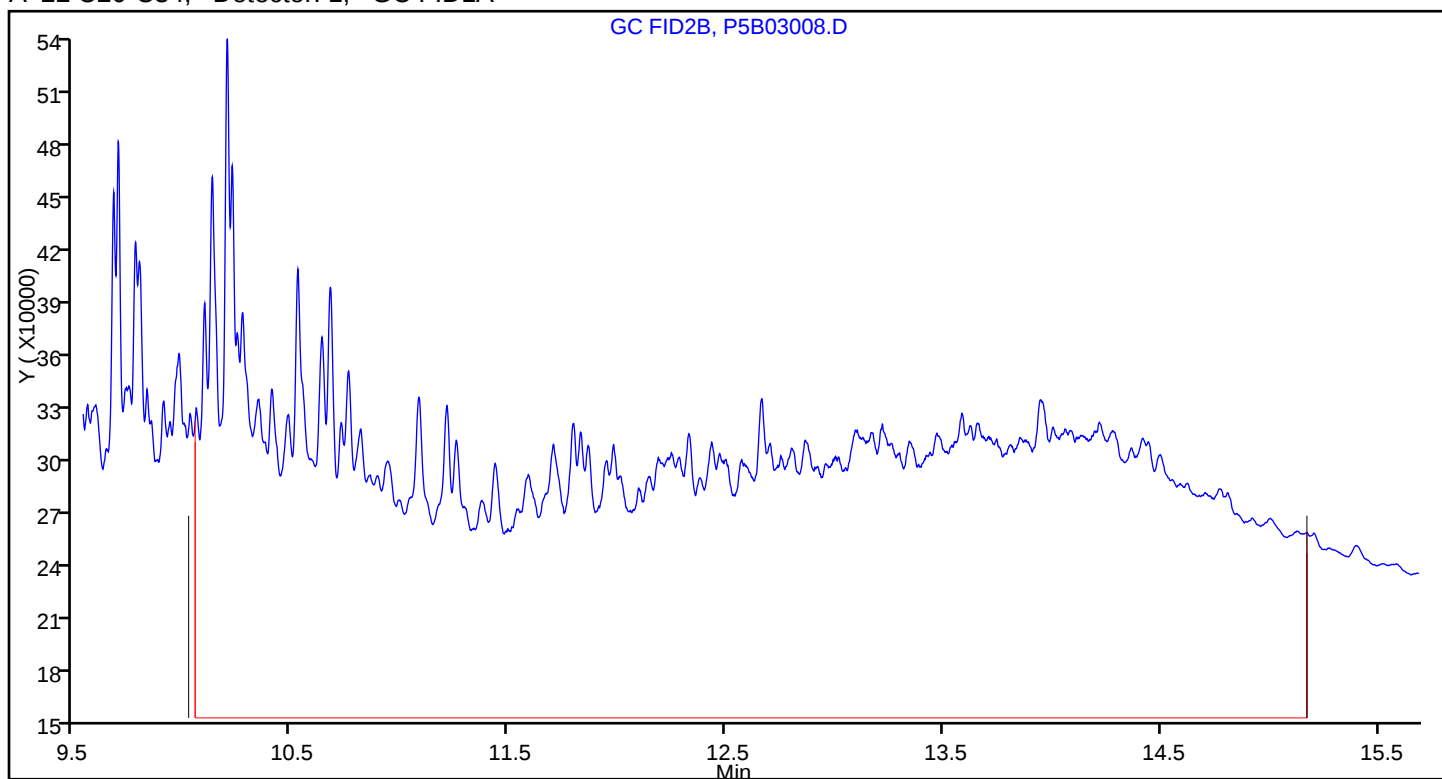
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 22 C20-C34, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03008.D

Injection Date: 03-Dec-2012 14:38:00

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0014M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 67061

Lims Sample ID: 8

Operator ID: 4275

Injection Vol: 1.0 ul

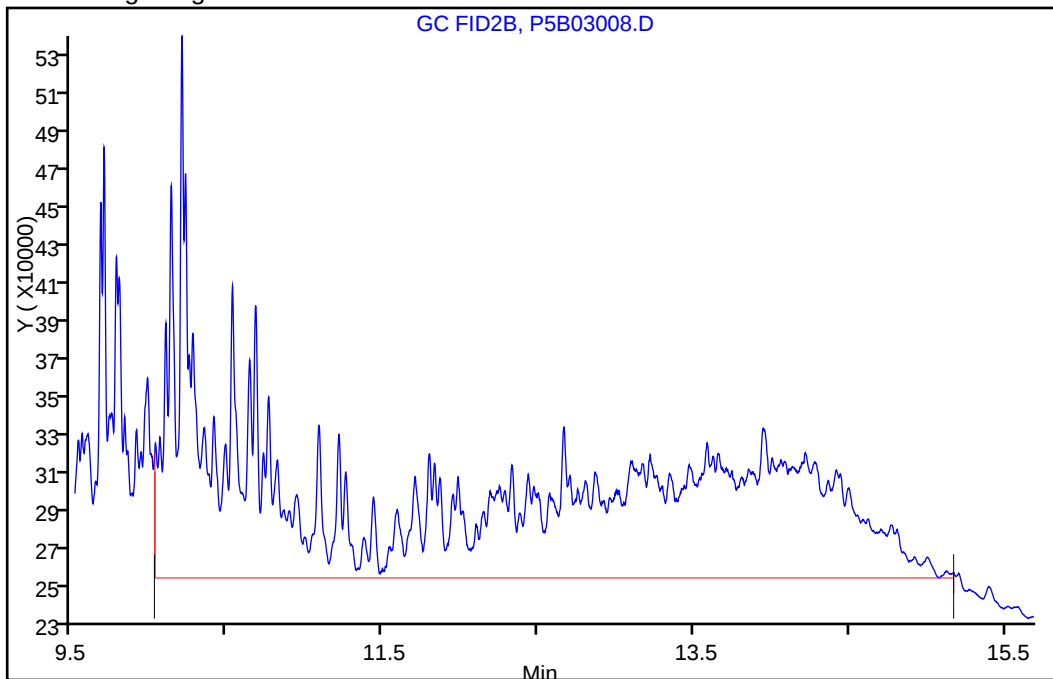
Column Type:

Column Dia:

A 22 C20-C34, Signal: 1, Type: quant, RT: 12.58

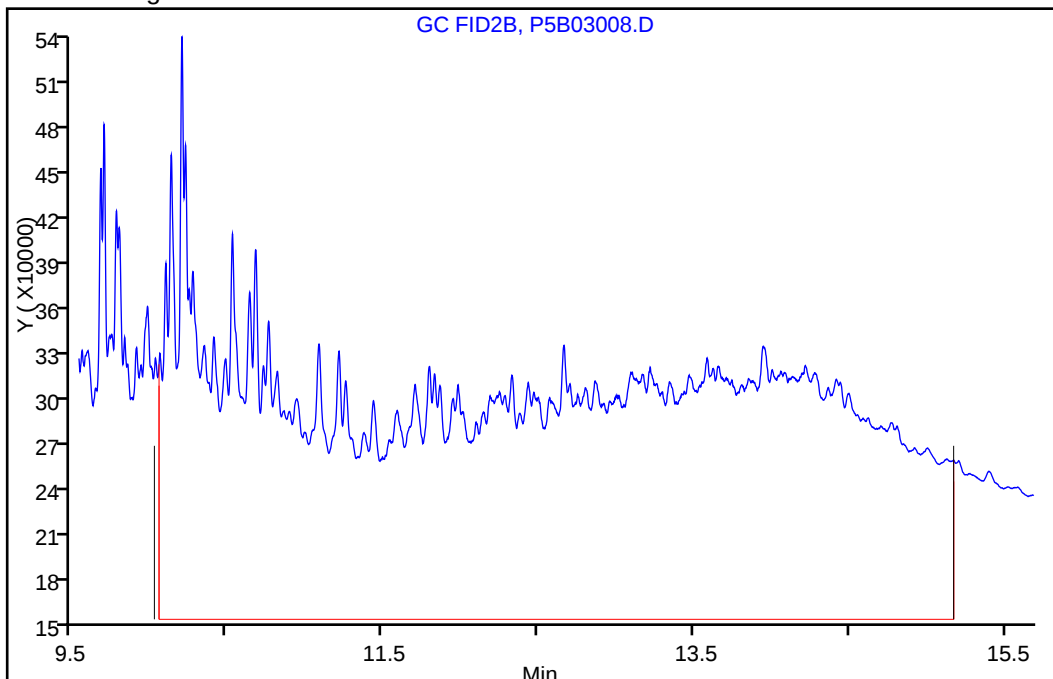
RT: 12.60
Response: 13677069
Amount: 87.311033

Processing Integration Results



RT: 12.61
Response: 44653712
Amount: 285.0583

Manual Integration Results



Reviewer: bolgrind, 03-Dec-2012 16:10:40

Audit Action: Manually Integrated

Audit Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: 70SB-0015M-0001-SO Lab Sample ID: 240-17768-5
Matrix: Solid Lab File ID: P5B28027.D
Analysis Method: 8015B Date Collected: 11/14/2012 13:00
Extraction Method: 3540C Date Extracted: 11/27/2012 09:12
Sample wt/vol: 30.24(g) Date Analyzed: 11/29/2012 01:06
Con. Extract Vol.: 5(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 66605 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	26		17	9.2	9.2
STL00272	C20-C34	16	J	17	9.2	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	74		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28027.D
Lims ID: 240-17768-H-5-C Client ID: 70SB-0015M-0001-SO
Inject. Date: 29-Nov-2012 01:06:48 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015345-027
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 77
Lims Batch ID: 66605 Lims Sample ID: 27
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
Last Update: 29-Nov-2012 09:30:02 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK022

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.752 3.736 0.016 10982295 73.5

A 12 C10-C20

7.426 4.867 - 9.984 24282555 155.0

A 15 Diesel

9.107 4.867 - 13.348 32061415 204.7

A 22 C20-C34

12.617 9.984 - 15.174 15598495 99.6

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28027.D

Injection Date: 29-Nov-2012 01:06:48

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0015M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 27

Operator ID: 4275

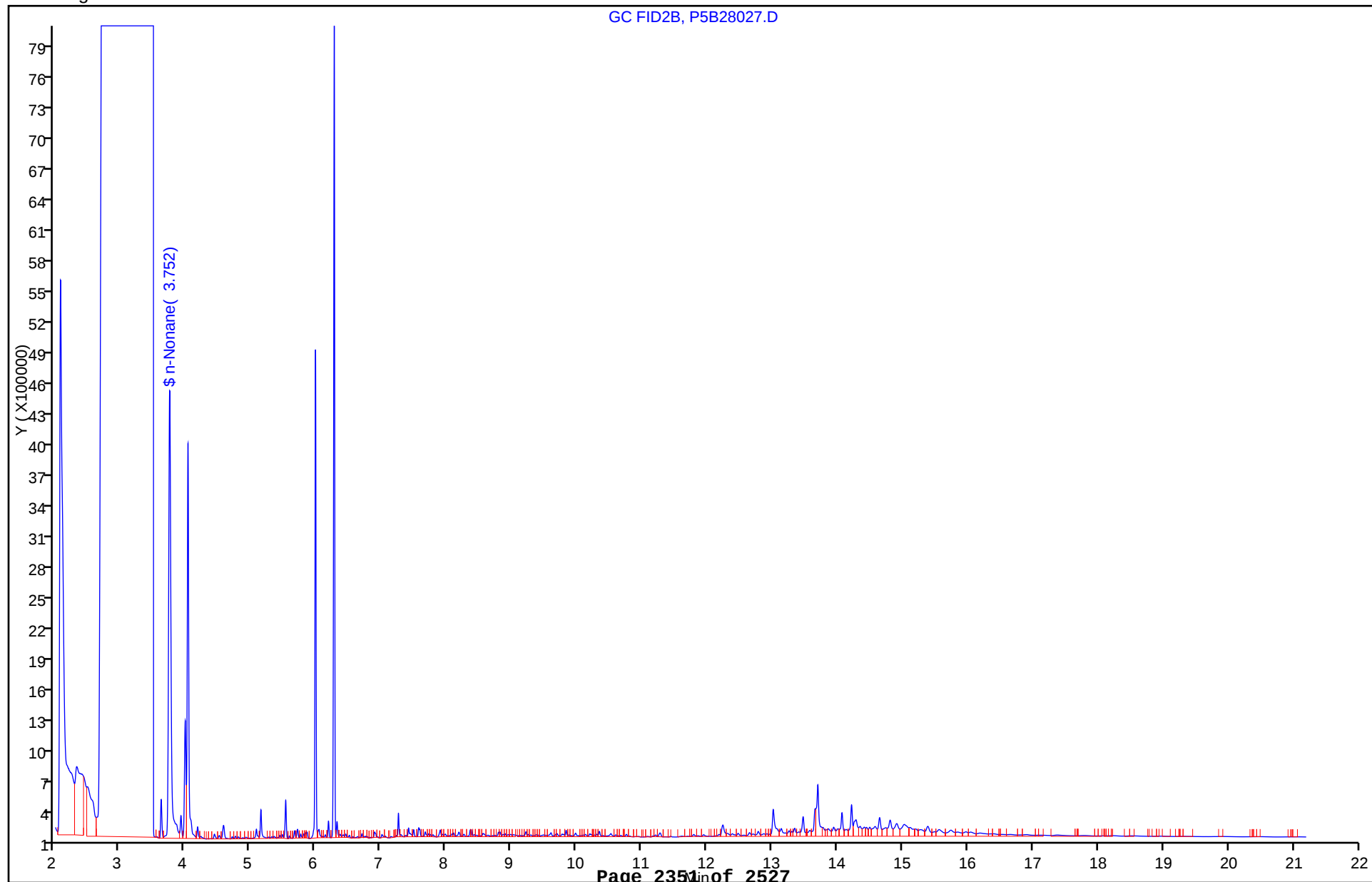
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B28027.D



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28027.D

Injection Date: 29-Nov-2012 01:06:48

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0015M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 27

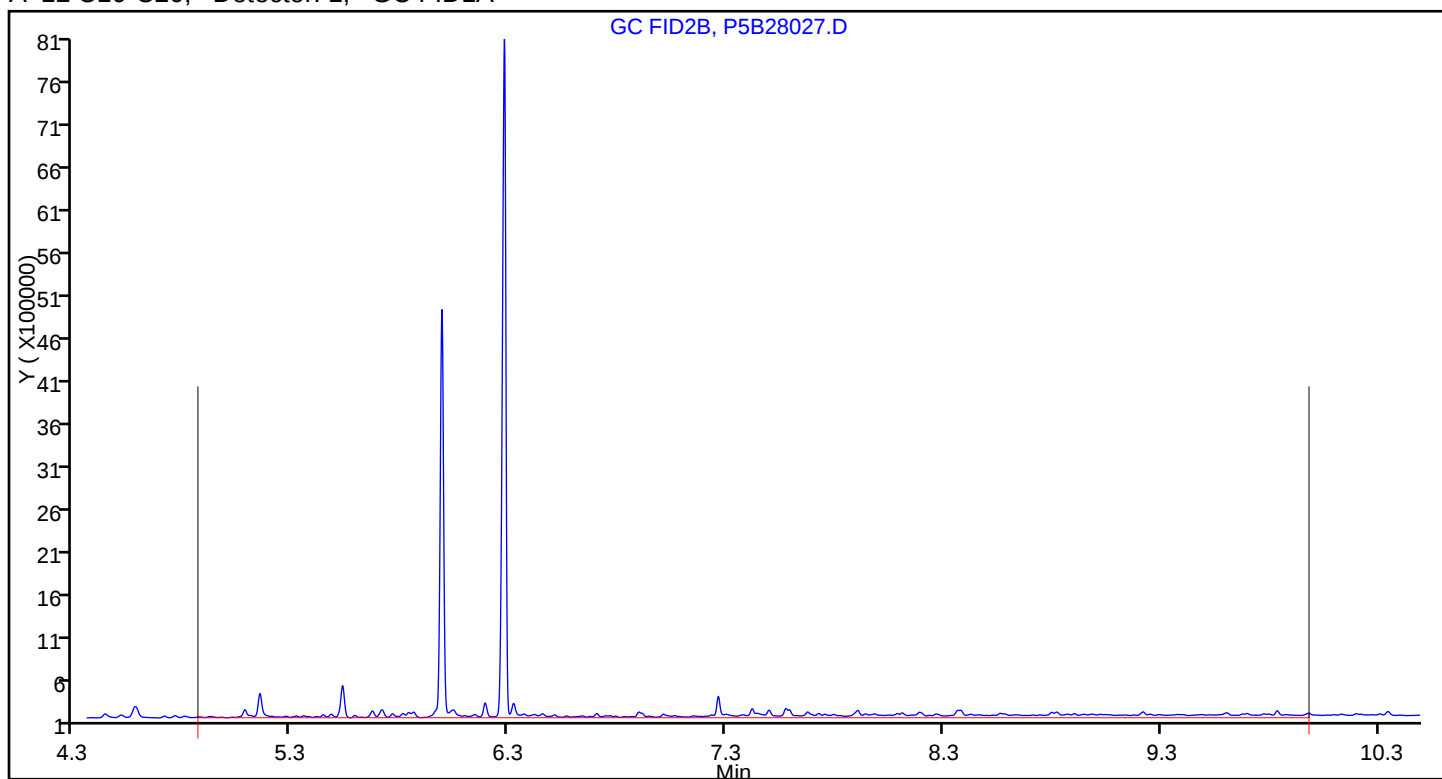
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 12 C10-C20, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28027.D

Injection Date: 29-Nov-2012 01:06:48

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0015M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 27

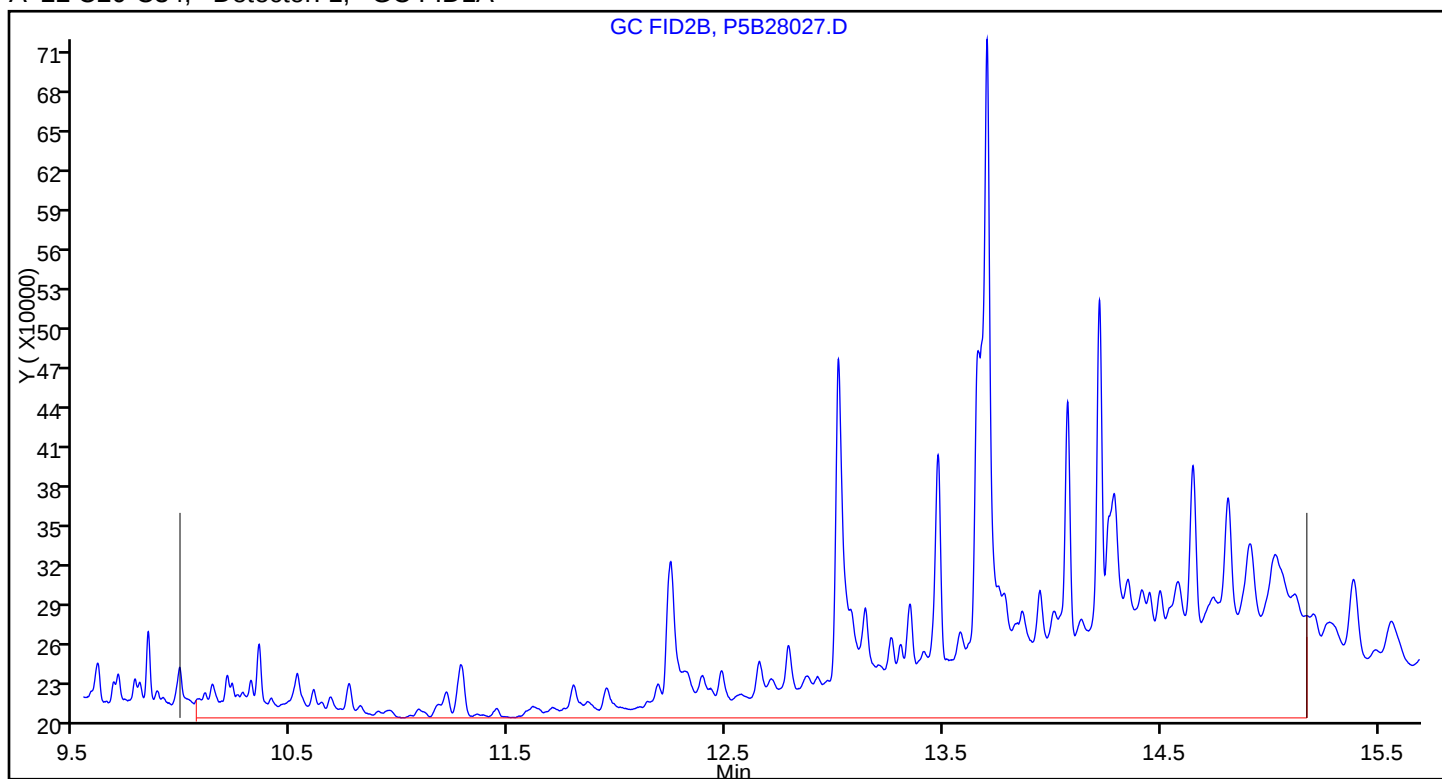
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 22 C20-C34, Detector: 1, GC FID1A



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: 70SB-0016M-0001-SO Lab Sample ID: 240-17768-6
Matrix: Solid Lab File ID: P5B28028.D
Analysis Method: 8015B Date Collected: 11/14/2012 11:50
Extraction Method: 3540C Date Extracted: 11/27/2012 09:12
Sample wt/vol: 30.48(g) Date Analyzed: 11/29/2012 01:37
Con. Extract Vol.: 5(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 66605 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	37		16	9.1	9.1
STL00272	C20-C34	51	M	16	9.1	9.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	64		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28028.D
Lims ID: 240-17768-H-6-E Client ID: 70SB-0016M-0001-SO
Inject. Date: 29-Nov-2012 01:37:16 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015345-028
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 78
Lims Batch ID: 66605 Lims Sample ID: 28
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
Last Update: 29-Nov-2012 12:38:40 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK015

First Level Reviewer: beldingb

Date: 29-Nov-2012 12:38:40

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.762 3.736 0.026 9608516 64.3

A 12 C10-C20

7.426 4.867 - 9.984 35187495 224.6

A 15 Diesel

9.107 4.867 - 13.348 60144568 383.9

A 22 C20-C34

12.579 9.984 - 15.174 48970367 312.6 M

QC Flag Legend

Review Flags

M - Manually Integrated

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28028.D

Injection Date: 29-Nov-2012 01:37:16

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0016M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 28

Operator ID: 4275

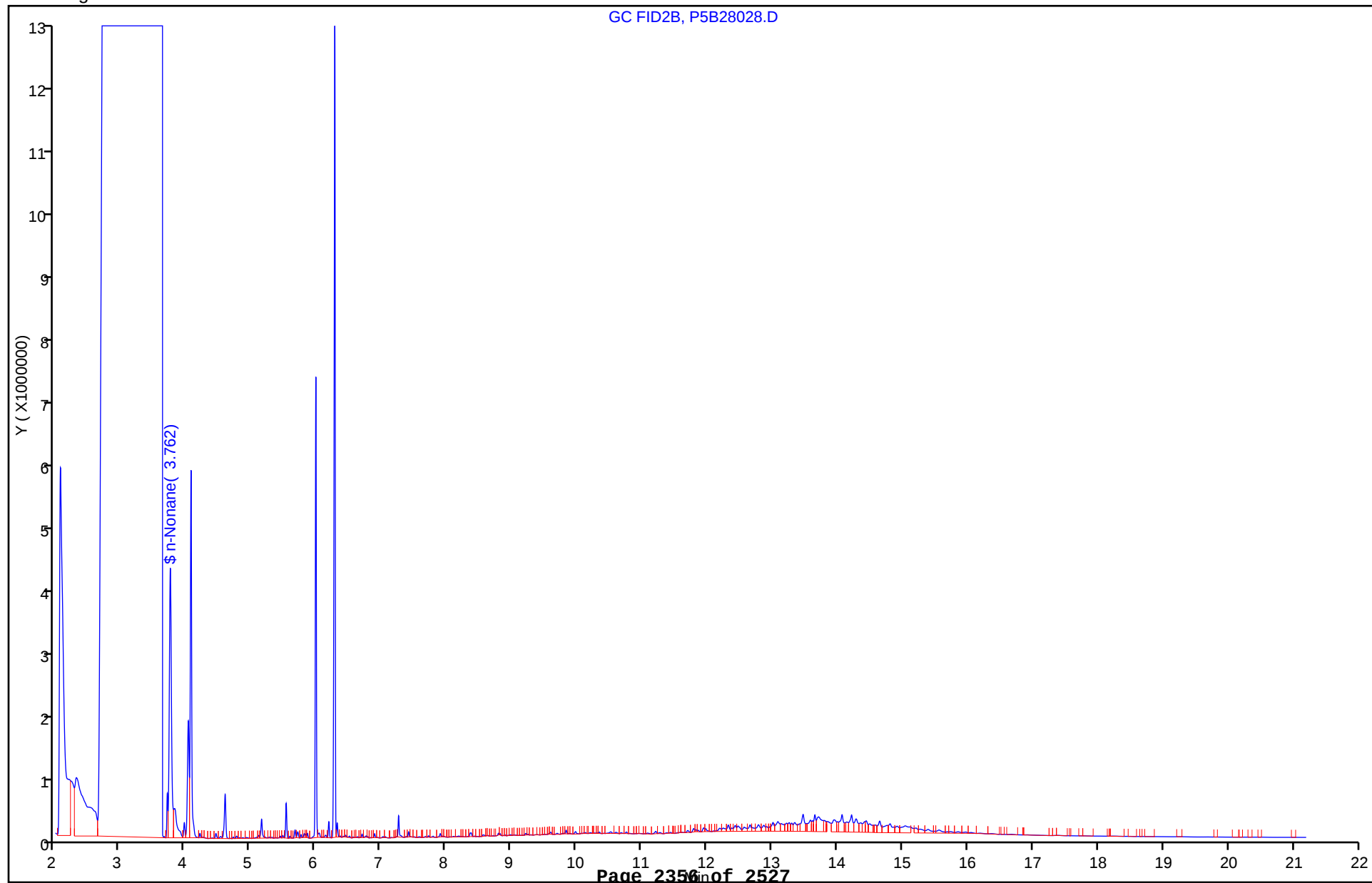
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B28028.D



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28028.D

Injection Date: 29-Nov-2012 01:37:16

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0016M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 28

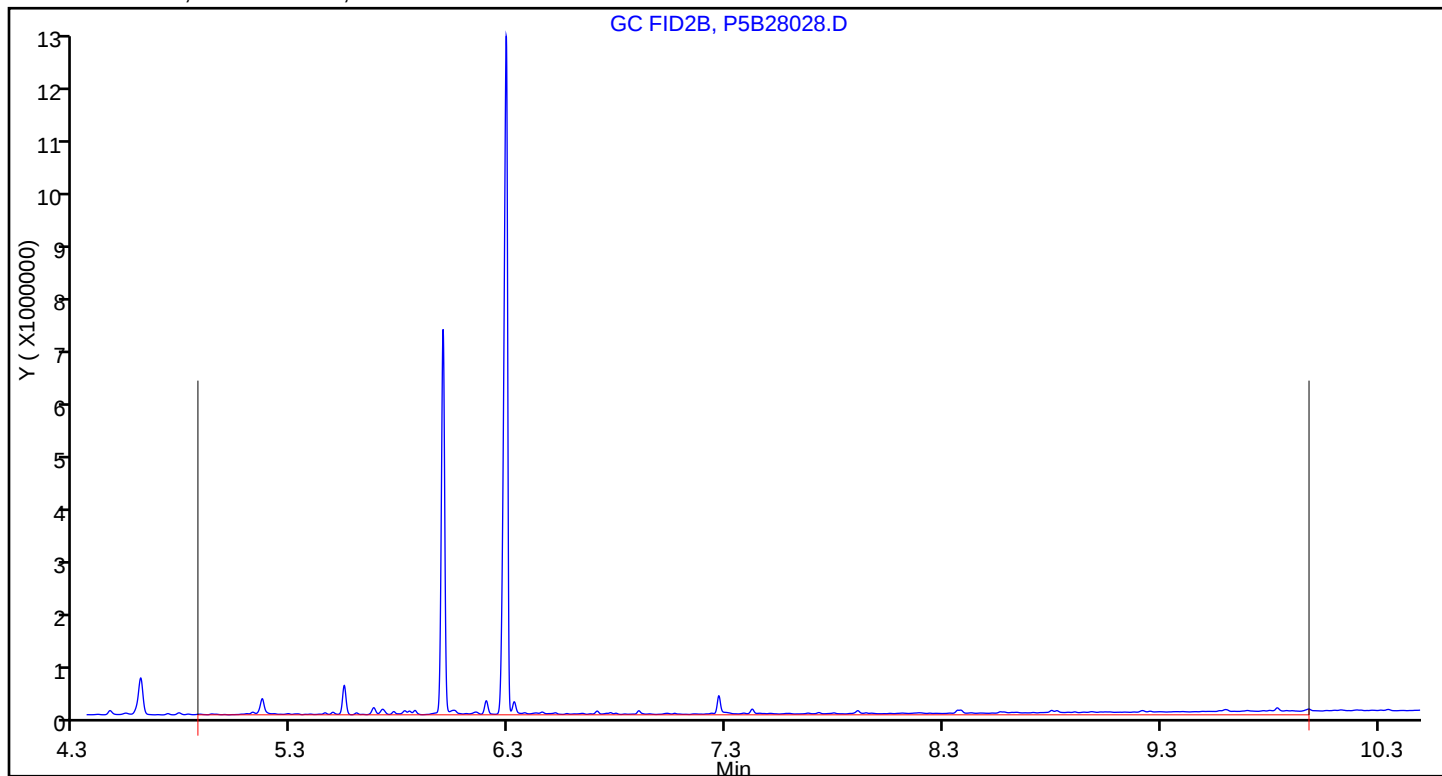
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 12 C10-C20, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28028.D

Injection Date: 29-Nov-2012 01:37:16

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0016M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 28

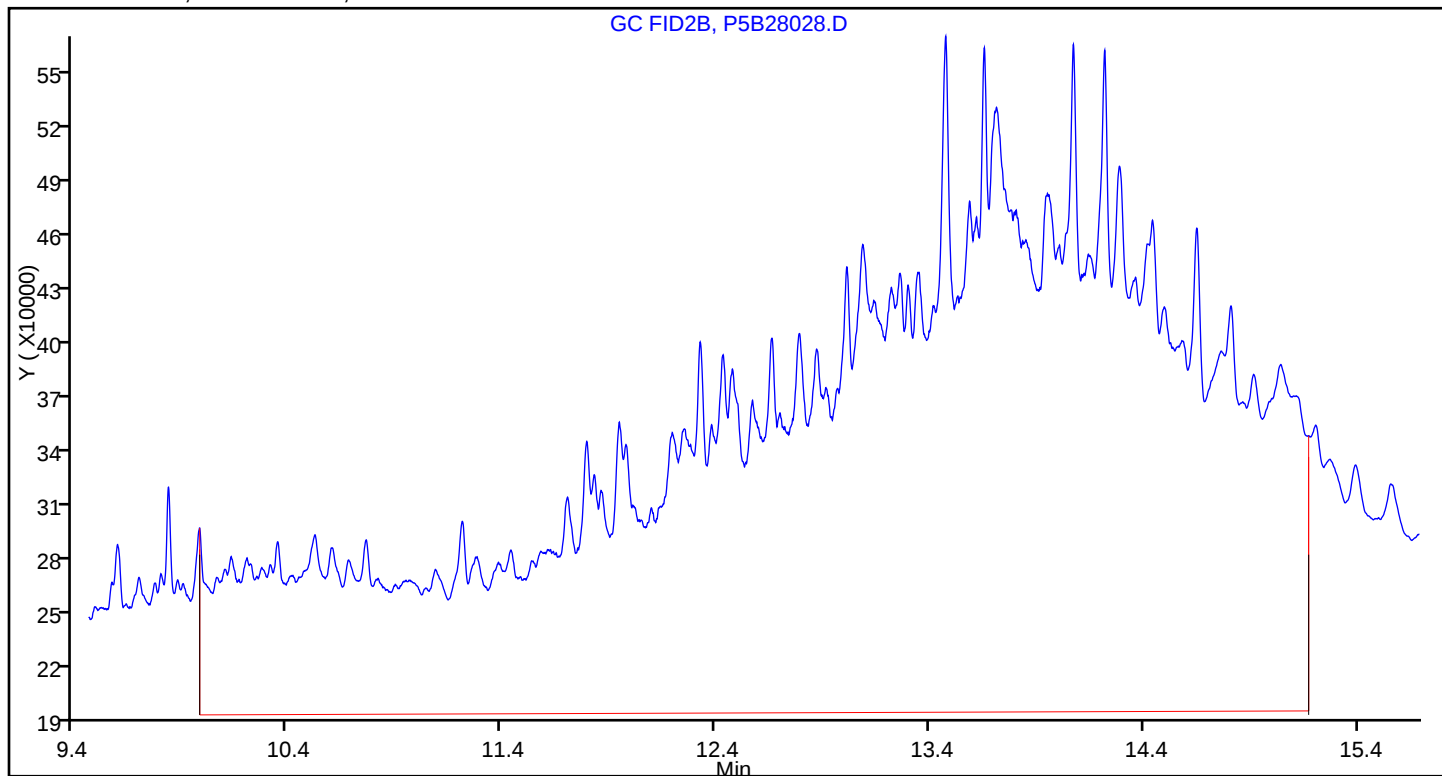
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 22 C20-C34, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28028.D

Injection Date: 29-Nov-2012 01:37:16

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0016M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 28

Operator ID: 4275

Injection Vol: 1.0 ul

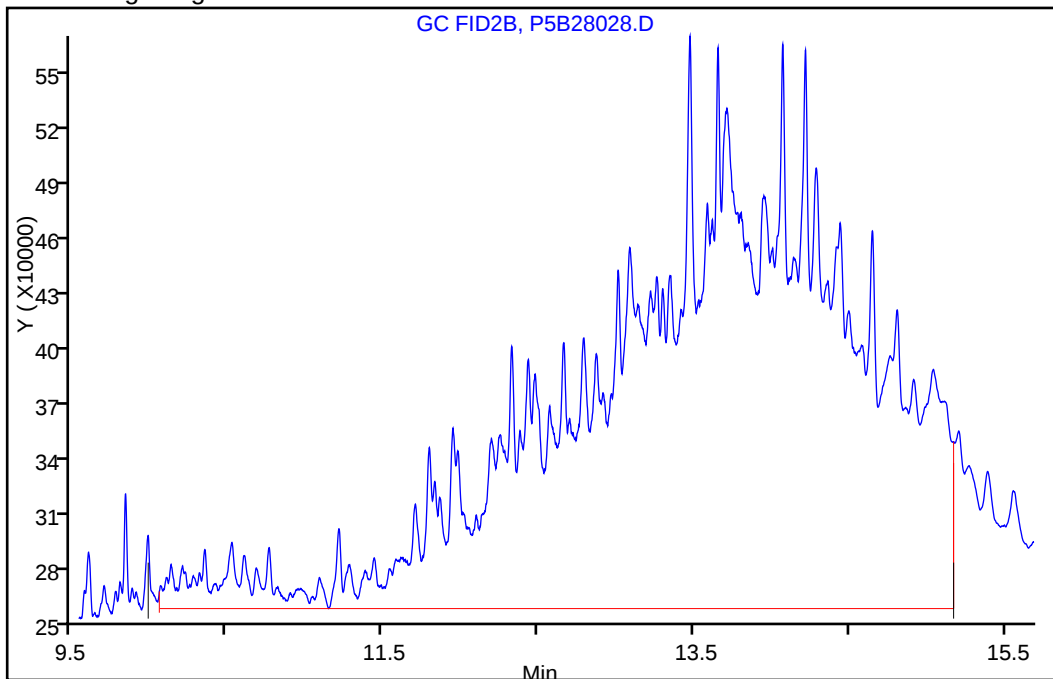
Column Type:

Column Dia:

A 22 C20-C34, Signal: 1, Type: quant, RT: 12.58

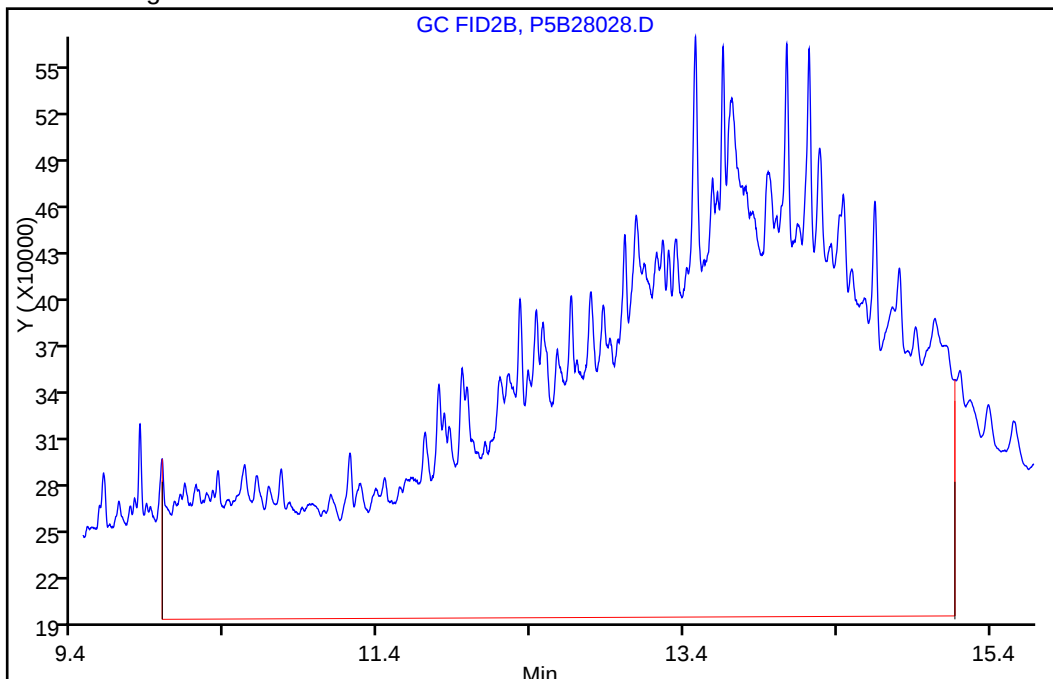
RT: 12.62
Response: 29917237
Amount: 190.9843

Processing Integration Results



RT: 12.58
Response: 48970367
Amount: 312.6147

Manual Integration Results



Reviewer: beldingb, 29-Nov-2012 12:38:40

Audit Action: Manually Integrated

Audit Reason: Baseline Event

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: 70SB-0017M-0001-SO Lab Sample ID: 240-17768-7
Matrix: Solid Lab File ID: P5B28030.D
Analysis Method: 8015B Date Collected: 11/14/2012 12:15
Extraction Method: 3540C Date Extracted: 11/27/2012 09:12
Sample wt/vol: 29.82(g) Date Analyzed: 11/29/2012 02:38
Con. Extract Vol.: 5(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 66605 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	30		17	9.3	9.3
STL00272	C20-C34	61	M	17	9.3	9.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	73		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28030.D
 Lims ID: 240-17768-H-7-B Client ID: 70SB-0017M-0001-SO
 Inject. Date: 29-Nov-2012 02:38:07 Dil. Factor: 1.0000
 Sample Type: Client
 Sample ID: 240-0015345-030
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 80
 Lims Batch ID: 66605 Lims Sample ID: 30
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
 Last Update: 29-Nov-2012 09:30:08 Calib Date: 26-Nov-2012 16:13:35
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
 Limit Group: GC TPH DIESEL ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK022

First Level Reviewer: bolgrind

Date: 29-Nov-2012 08:39:49

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	--------	--------	----------	------------------	-------

1 Tetratetracontane					1
26.157					
A 2 C28-C36					
14.844 13.398 -16.290			20035743	94.1	
A 3 C10-C34					
10.021 4.867 - 15.174			77467573	494.5	
A 4 C32-C44					
20.325 14.500 -26.150			18910804	120.7	
A 5 C12-C22					
8.545 6.324 - 10.765			12814310	81.8	
A 6 C22-C32					
12.633 10.765 -14.500			22563305	144.0	
7 n-Octane					1
2.617					
\$ 8 n-Nonane					
3.752 3.736 0.016			10894486	73.0	
9 n-Decane					
4.874 4.867 0.007			13536	0	
10 Dodecane					
6.321 6.324 -0.003			180598	0	
11 n-Tetradecane					
7.419 7.420 -0.001			105645	0	
A 12 C10-C20					
7.426 4.867 - 9.984			28457563	181.7	
13 Hexadecane					
8.367 8.365 0.002			155540	0	
A 14 C10-C28					
9.111 4.823 - 13.398			52349031	245.8	

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28030.D

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

A 15 Diesel

9.107 4.867 - 13.348 51703343 330.1

16 n-Octadecane

9.214 9.213 0.001 57054 0

A 17 C10-C32

9.683 4.867 - 14.500 69306018 442.4

18 icosane

9.983 9.984 -0.001 124337 0

19 n-Docosane

10.763 10.765 -0.002 116936 0

A 20 C12-C24

9.061 6.324 - 11.798 15066252 96.2

21 n-Tetracosane

11.795 11.798 -0.003 145175 0

A 22 C20-C34

12.598 9.984 - 15.174 57339787 366.0 M

23 n-Hexacosane

12.651 12.652 -0.001 148806 0

24 n-Octacosane

13.349 13.348 0.001 272132 0

25 Triacontane

13.949 13.948 0.001 544125 0

26 Dotriacontane

14.499 14.500 -0.001 328670 0

27 Tetratriacontane

15.173 15.174 -0.001 145848 0

A 28 C24-C40

15.538 11.798 -19.278 44194362 282.1

29 n-Hexatriacontane

16.049 16.093 -0.044 28657 0

30 C38

17.371 17.393 -0.022 33764 0

31 C40

19.231 19.278 -0.047 87819 0

A 32 C20-C36

13.038 9.984 - 16.093 31934949 203.9

A 34 C24-C44

18.978 11.798 -26.157 48464494 309.4

A 35 C10-C24

8.333 4.823 - 11.843 37578943 239.9

QC Flag Legend

Processing Flags

1 - Missing Peaks

Review Flags

M - Manually Integrated

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28030.D

Injection Date: 29-Nov-2012 02:38:07

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0017M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 30

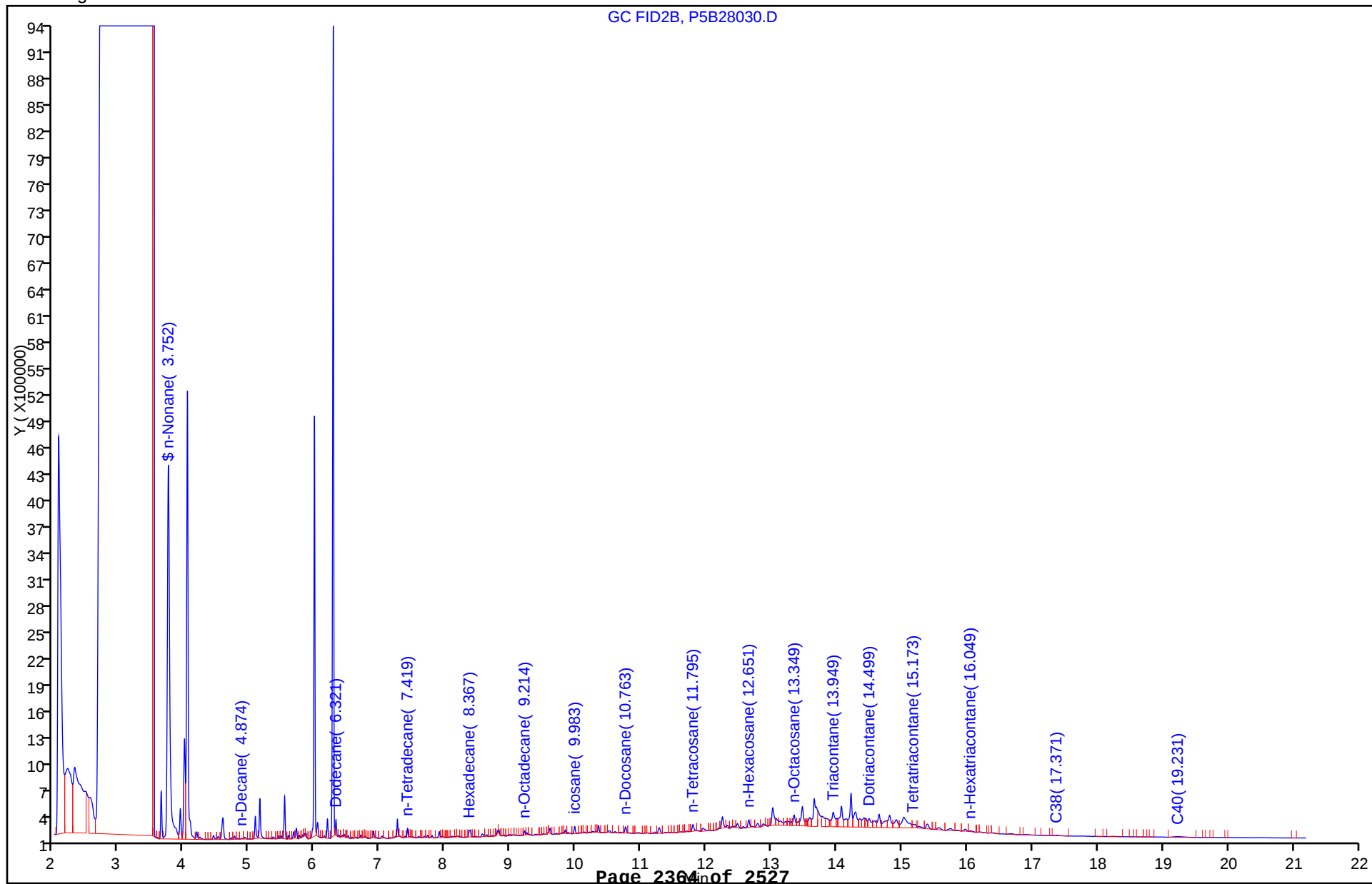
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28030.D

Injection Date: 29-Nov-2012 02:38:07

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0017M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 30

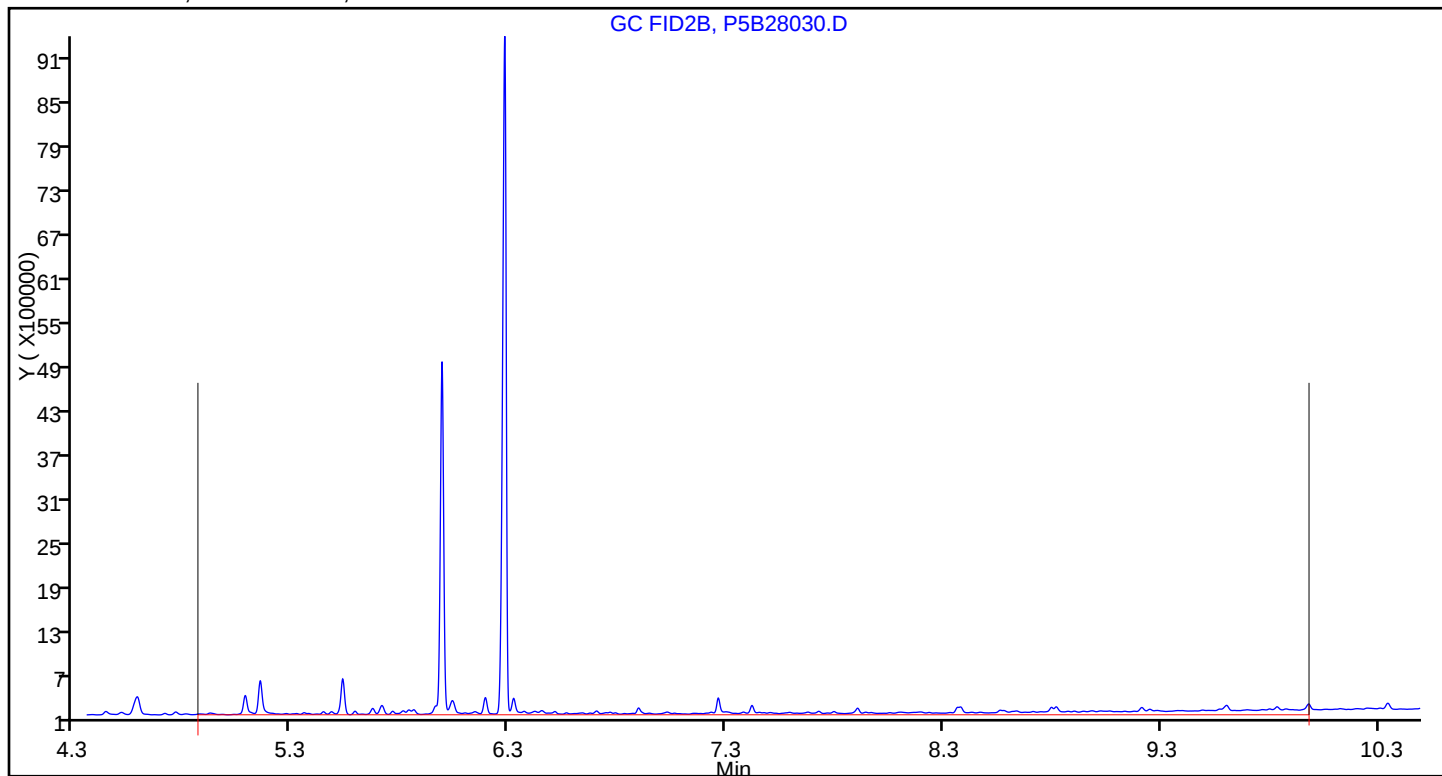
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 12 C10-C20, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28030.D

Injection Date: 29-Nov-2012 02:38:07

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0017M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 30

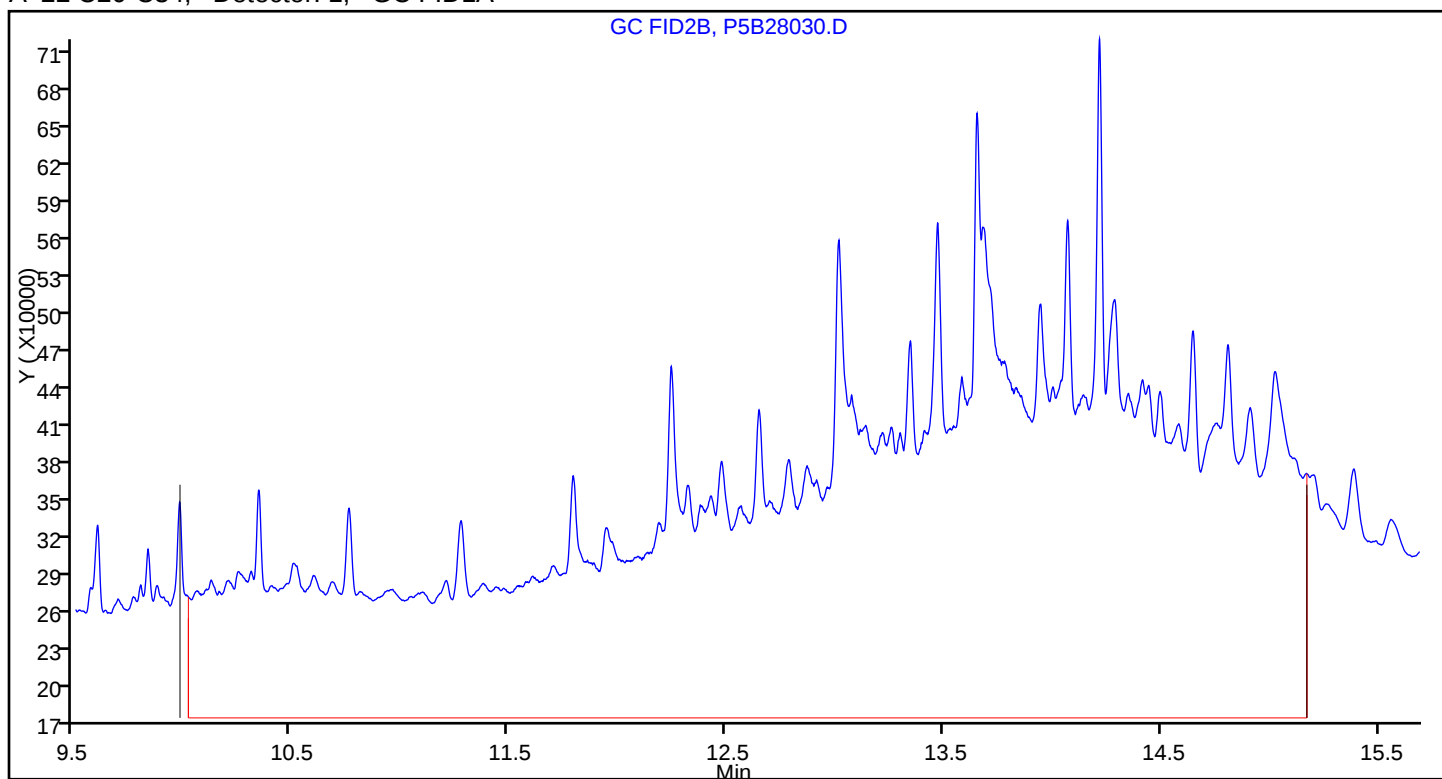
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

A 22 C20-C34, Detector: 1, GC FID1A



TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28030.D

Injection Date: 29-Nov-2012 02:38:07

Limit Group: GC TPH DIESEL ICAL

Client ID: 70SB-0017M-0001-SO

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 30

Operator ID: 4275

Injection Vol: 1.0 ul

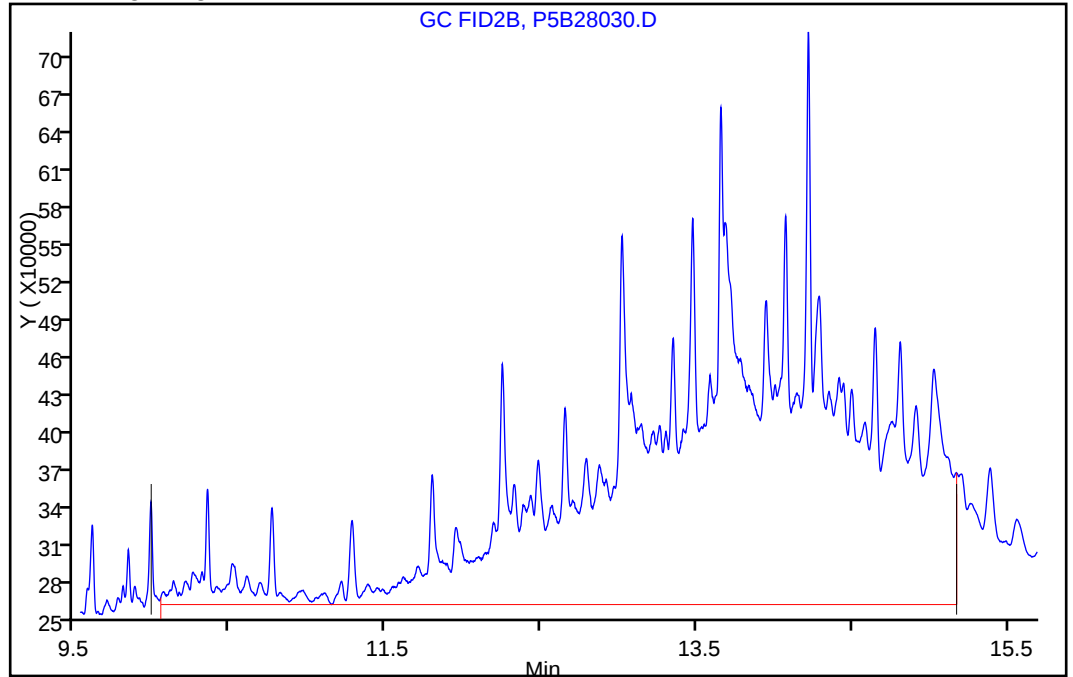
Column Type:

Column Dia:

A 22 C20-C34, Signal: 1, Type: quant, RT: 12.58

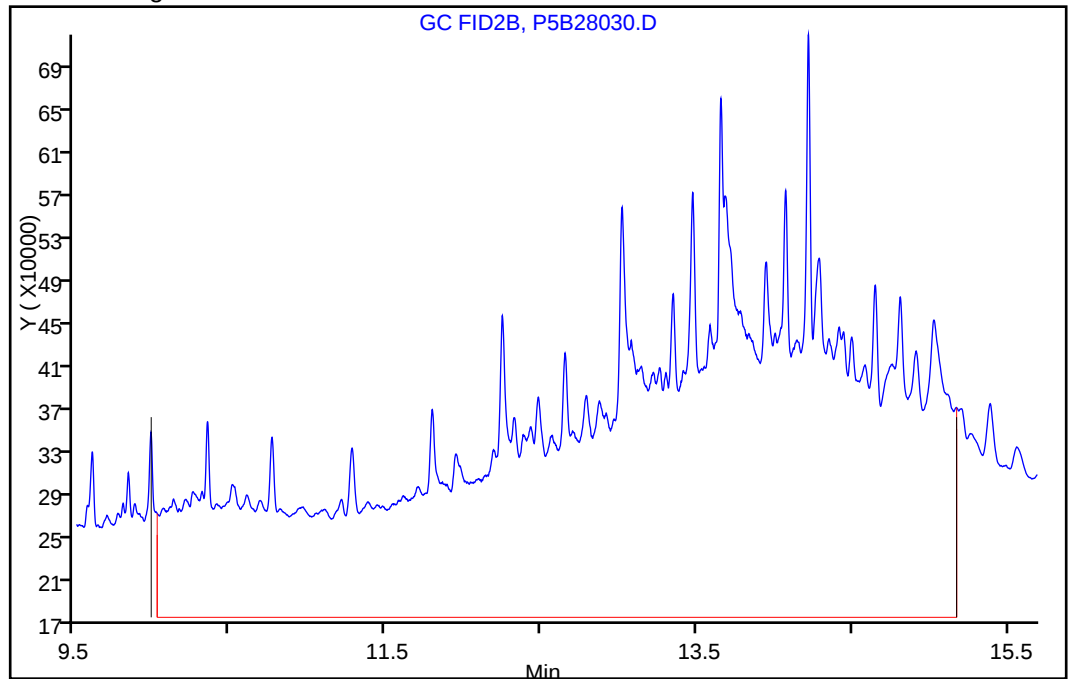
RT: 12.61
Response: 28909640
Amount: 184.5520

Processing Integration Results



RT: 12.60
Response: 57339787
Amount: 366.0431

Manual Integration Results



Reviewer: bolgrind, 29-Nov-2012 09:29:01

Audit Action: Manually Integrated

Audit Reason: Baseline Event

FORM VI
DIESEL RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 66287

SDG No.: _____

Instrument ID: A2HP5R GC Column: _____ ID: _____ Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2012 14:12 Calibration End Date: 11/26/2012 16:13 Calibration ID: 12514

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-66287/4	P5B26004.D
Level 2	STD2 240-66287/5	P5B26005.D
Level 3	STD3 240-66287/6	P5B26006.D
Level 4	STD4 240-66287/7	P5B26007.D
Level 5	STD5 240-66287/8	P5B26008.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Diesel Range Organics [C10 - C28]	9.111	9.111	9.111	9.111	9.111						4.870 - 13.352	9.111
n-Nonane	3.735	3.736	3.738	3.737	3.732						3.665 - 3.805	3.736

FORM VI
DIESEL RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 66287

SDG No.: _____

Instrument ID: A2HP5R GC Column: _____ ID: _____ Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2012 14:12 Calibration End Date: 11/26/2012 16:13 Calibration ID: 12514

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-66287/4	P5B26004.D
Level 2	STD2 240-66287/5	P5B26005.D
Level 3	STD3 240-66287/6	P5B26006.D
Level 4	STD4 240-66287/7	P5B26007.D
Level 5	STD5 240-66287/8	P5B26008.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 3	LVL 4		B	M1	M2								
Diesel Range Organics [C10 - C28]	165525 130144	162777	162252	162540	Ave		156647.659				9.5		20.0			
n-Nonane	159556 121253	154859	159039	151980	Ave		149337.400				11.0		20.0			

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

FORM VI
DIESEL RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17768-1 Analy Batch No.: 66287

SDG No.: _____

Instrument ID: A2HP5R GC Column: _____ ID: _____ Heated Purge: (Y/N) N

Calibration Start Date: 11/26/2012 14:12 Calibration End Date: 11/26/2012 16:13 Calibration ID: 12514

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-66287/4	P5B26004.D
Level 2	STD2 240-66287/5	P5B26005.D
Level 3	STD3 240-66287/6	P5B26006.D
Level 4	STD4 240-66287/7	P5B26007.D
Level 5	STD5 240-66287/8	P5B26008.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Diesel Range Organics [C10 - C28]	Ave	16552474	32555440	81126180	162539928	260288135	100	200	500	1000	2000
n-Nonane	Ave	1595562	3097180	7951959	15197964	24250596	10.0	20.0	50.0	100	200

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26004.D
Lims ID: STD1 DIESEL Client ID:
Inject. Date: 26-Nov-2012 14:12:08 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015266-004
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 54
Lims Batch ID: 66287 Lims Sample ID: 4
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\TPH5R.m
Last Update: 27-Nov-2012 09:54:58 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK033

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.735 3.735 0.000 1595562 10.7

A 15 Diesel

9.111 4.870 - 13.352 16552474 105.7

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26004.D

Injection Date: 26-Nov-2012 14:12:08

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66287

Lims Sample ID: 4

Operator ID: 4275

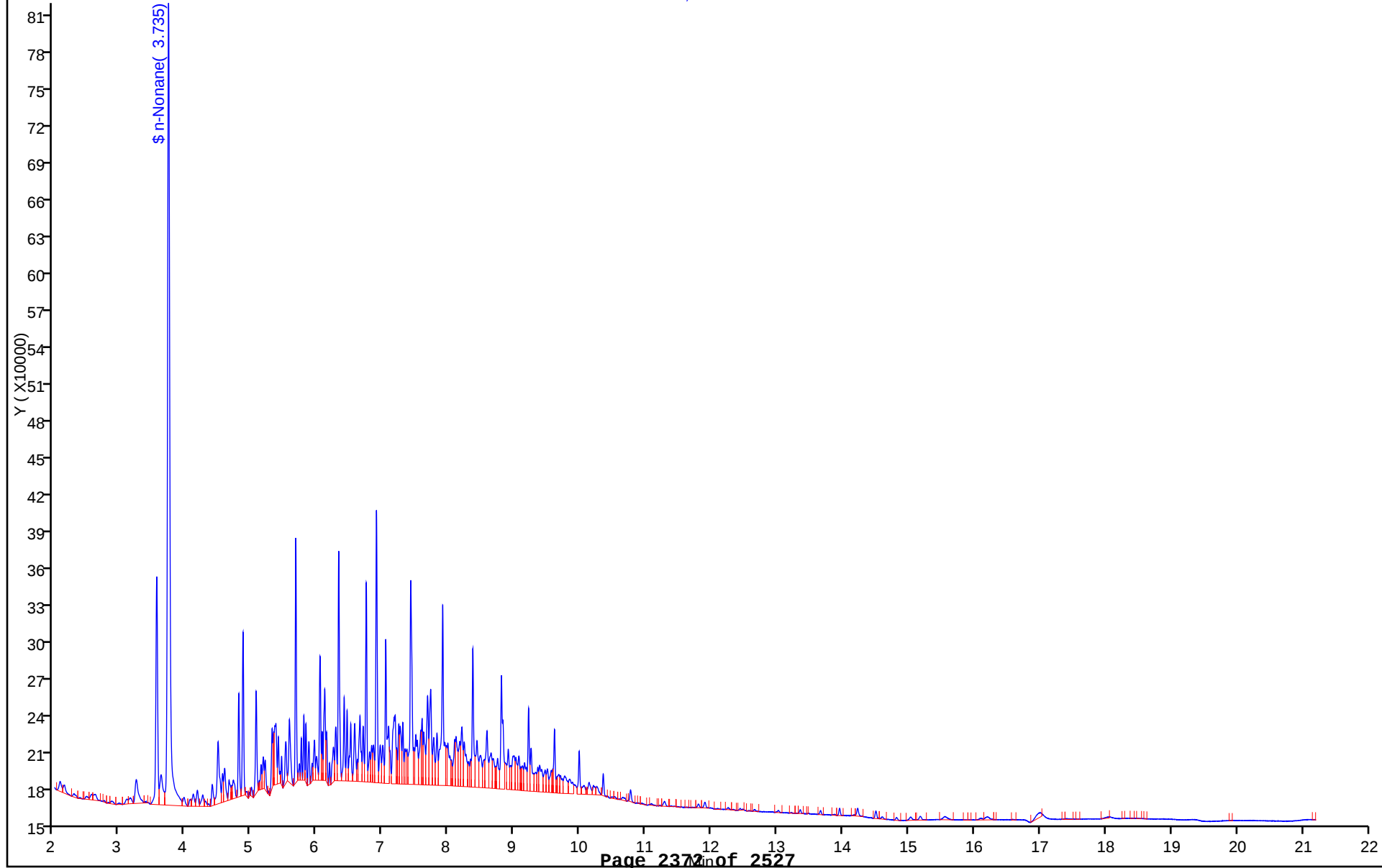
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B26004.D



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26005.D
Lims ID: STD2 DIESEL Client ID:
Inject. Date: 26-Nov-2012 14:42:25 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015266-005
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 55
Lims Batch ID: 66287 Lims Sample ID: 5
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\TPH5R.m
Last Update: 27-Nov-2012 09:55:00 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK033

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.736 3.735 0.001 3097180 20.7

A 15 Diesel

9.111 4.870 - 13.352 32555440 207.8

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26005.D

Injection Date: 26-Nov-2012 14:42:25

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66287

Lims Sample ID: 5

Operator ID: 4275

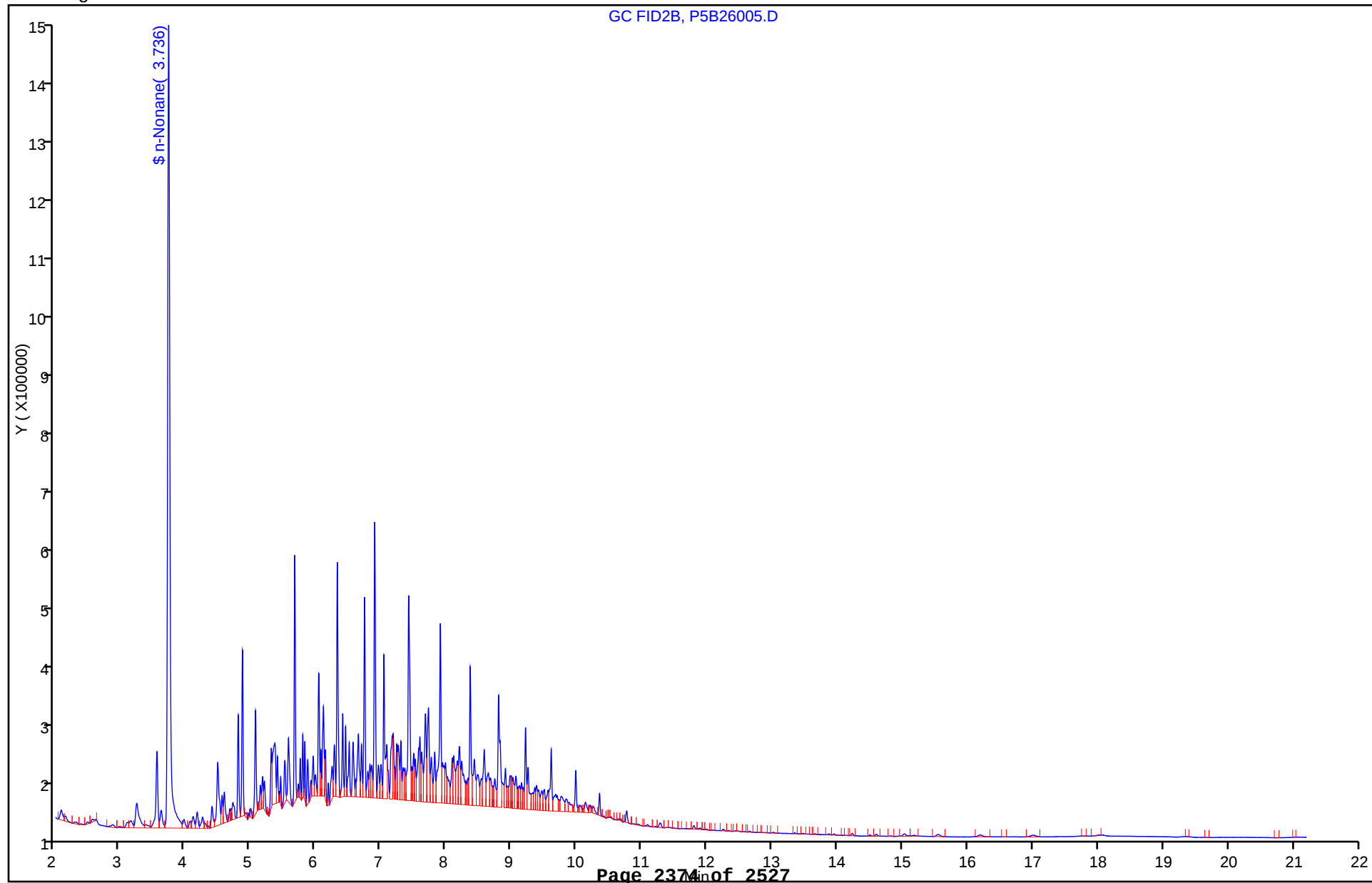
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B26005.D



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26006.D
Lims ID: STD3 DIESEL Client ID:
Inject. Date: 26-Nov-2012 15:12:39 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0015266-006
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 56
Lims Batch ID: 66287 Lims Sample ID: 6
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\TPH5R.m
Last Update: 27-Nov-2012 09:55:01 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK033

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.738 3.738 0.000 7951959 53.2

A 15 Diesel

9.111 4.870 - 13.352 81126180 517.9

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26006.D

Injection Date: 26-Nov-2012 15:12:39

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66287

Lims Sample ID: 6

Operator ID: 4275

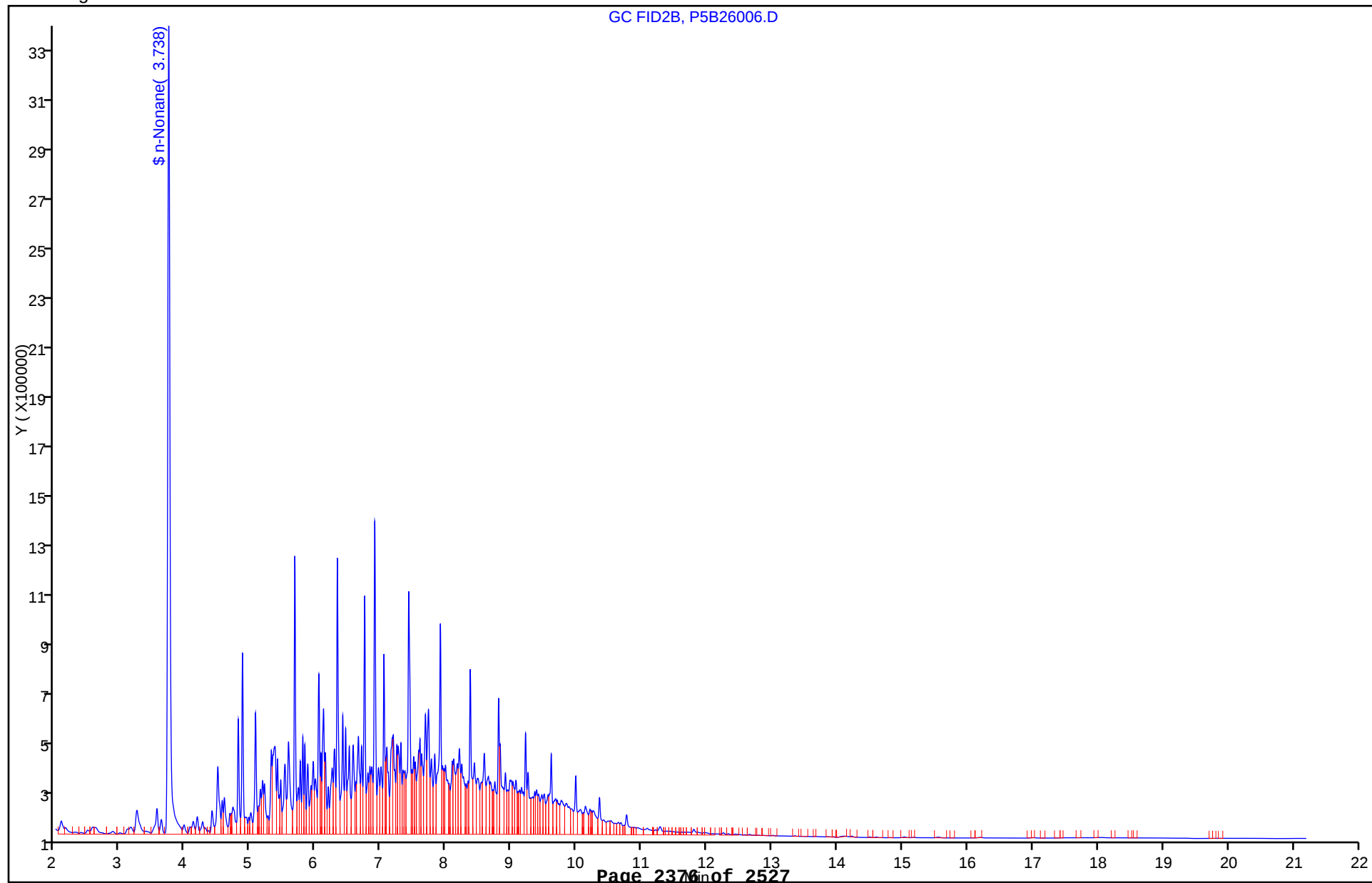
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B26006.D



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26007.D
Lims ID: STD4 DIESEL Client ID:
Inject. Date: 26-Nov-2012 15:43:10 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015266-007
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 57
Lims Batch ID: 66287 Lims Sample ID: 7
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\TPH5R.m
Last Update: 27-Nov-2012 09:55:02 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK033

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.737 3.738 -0.001 15197964 101.8

A 15 Diesel

9.111 4.870 - 13.352 162539928 1037.6

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26007.D

Injection Date: 26-Nov-2012 15:43:10

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66287

Lims Sample ID: 7

Operator ID: 4275

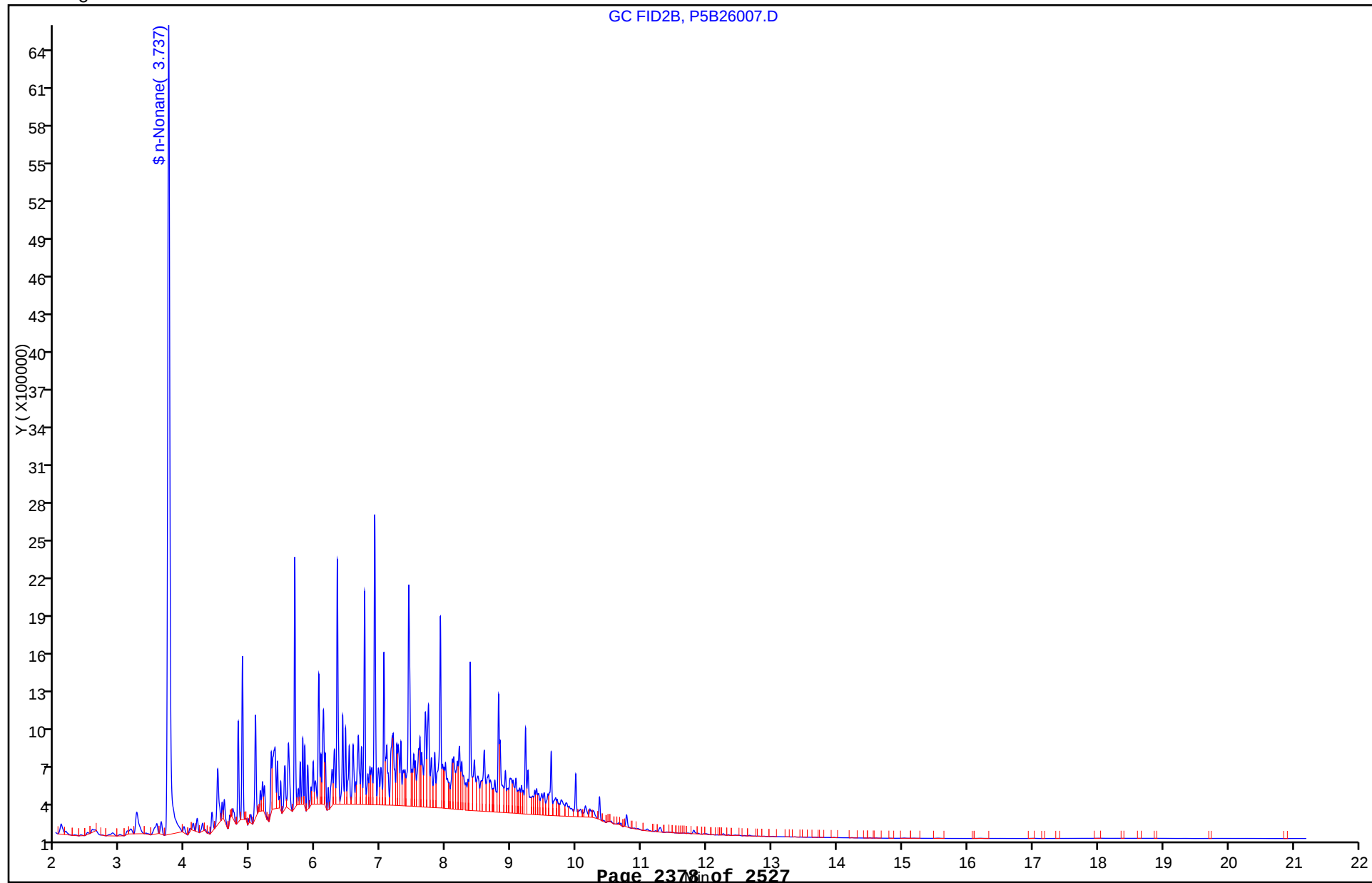
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B26007.D



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Lims ID: STD5 DIESEL Client ID:
Inject. Date: 26-Nov-2012 16:13:35 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015266-008
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 58
Lims Batch ID: 66287 Lims Sample ID: 8
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\TPH5R.m
Last Update: 27-Nov-2012 09:55:04 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK033

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.732 3.738 -0.006 24250596 162.4

A 15 Diesel

9.111 4.870 - 13.352 260288135 1661.6

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D

Injection Date: 26-Nov-2012 16:13:35

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66287

Lims Sample ID: 8

Operator ID: 4275

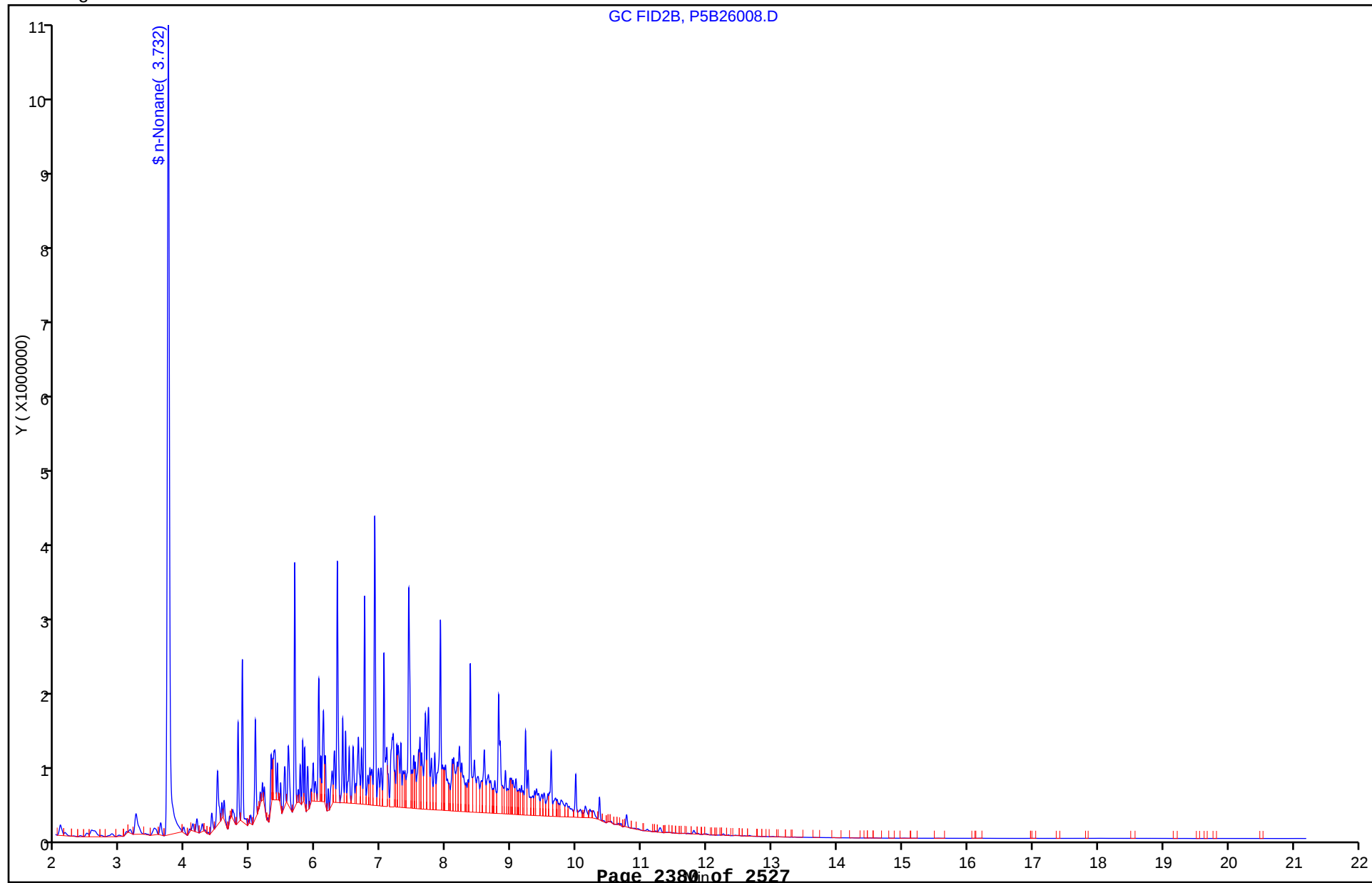
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B26008.D



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: ICV 240-66287/9 Calibration Date: 11/26/2012 16:43
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B26009.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	164984		527	500	5.3	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: ICV 240-66287/9 Calibration Date: 11/26/2012 16:43
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B26009.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26009.D
Lims ID: ICV Client ID:
Inject. Date: 26-Nov-2012 16:43:49 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015266-009
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 59
Lims Batch ID: 66287 Lims Sample ID: 9
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\TPH5R.m
Last Update: 27-Nov-2012 09:55:05 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK033

First Level Reviewer: bolgrind

Date: 27-Nov-2012 09:08:54

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

A 15 Diesel

9.111 4.870 - 13.352 82491833 526.6

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26009.D

Injection Date: 26-Nov-2012 16:43:49

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66287

Lims Sample ID: 9

Operator ID: 4275

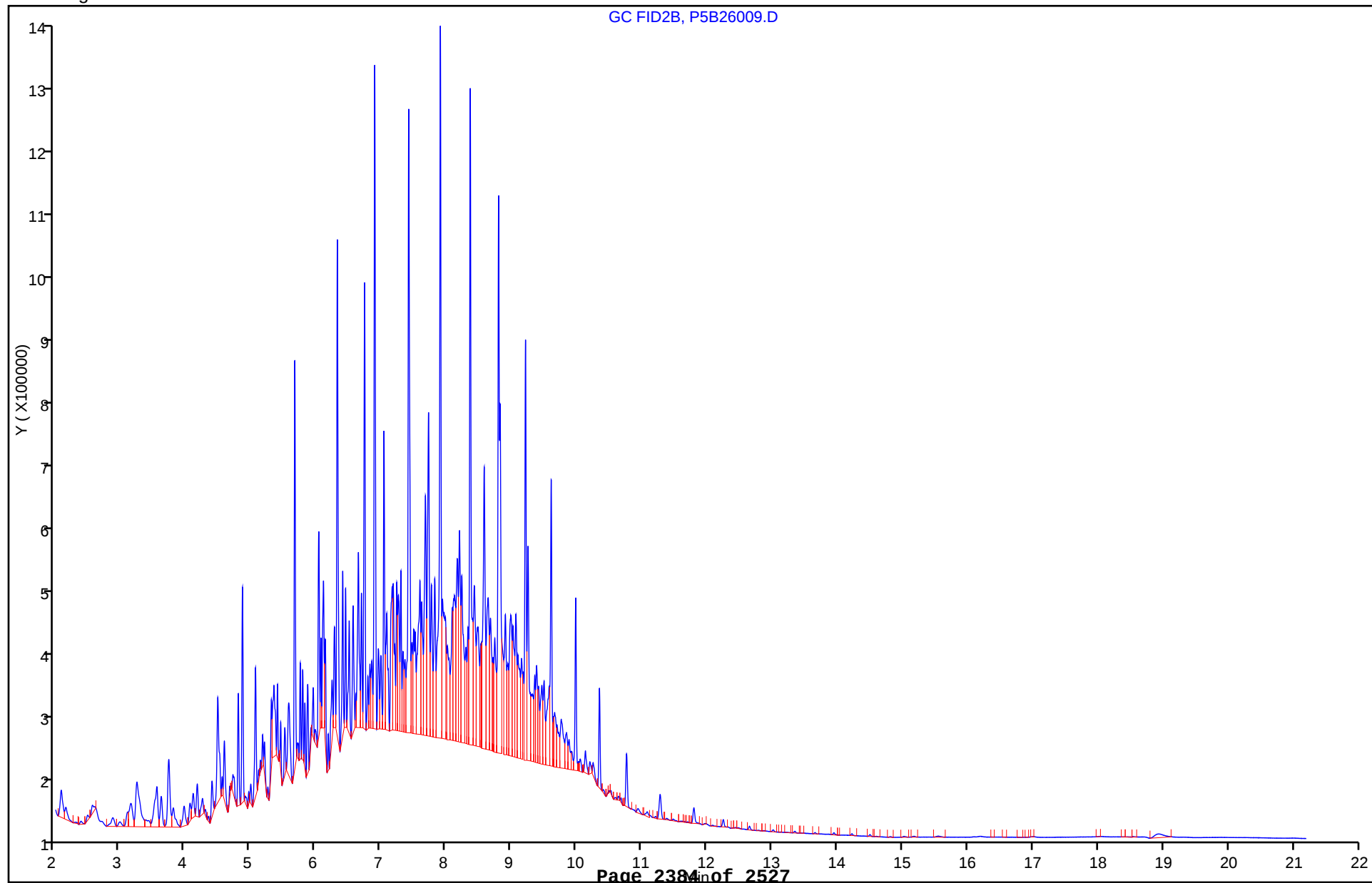
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B26009.D



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-66605/5 Calibration Date: 11/28/2012 14:00
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B28005.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	173185		553	500	10.6	15.0
n-Nonane	Ave	149337	155476		52.1	50.0	4.1	15.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-66605/5 Calibration Date: 11/28/2012 14:00
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B28005.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.74	3.67	3.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28005.D
Lims ID: CCV DIESEL Client ID:
Inject. Date: 28-Nov-2012 14:00:03 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015345-005
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 55
Lims Batch ID: 66605 Lims Sample ID: 5
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
Last Update: 29-Nov-2012 09:29:50 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK022

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.736 3.736 0.000 7773811 52.1

A 15 Diesel

9.107 4.867 - 13.348 86592294 552.8

Report Date: 29-Nov-2012 09:29:50

Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28005.D

Injection Date: 28-Nov-2012 14:00:03

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 5

Operator ID: 4275

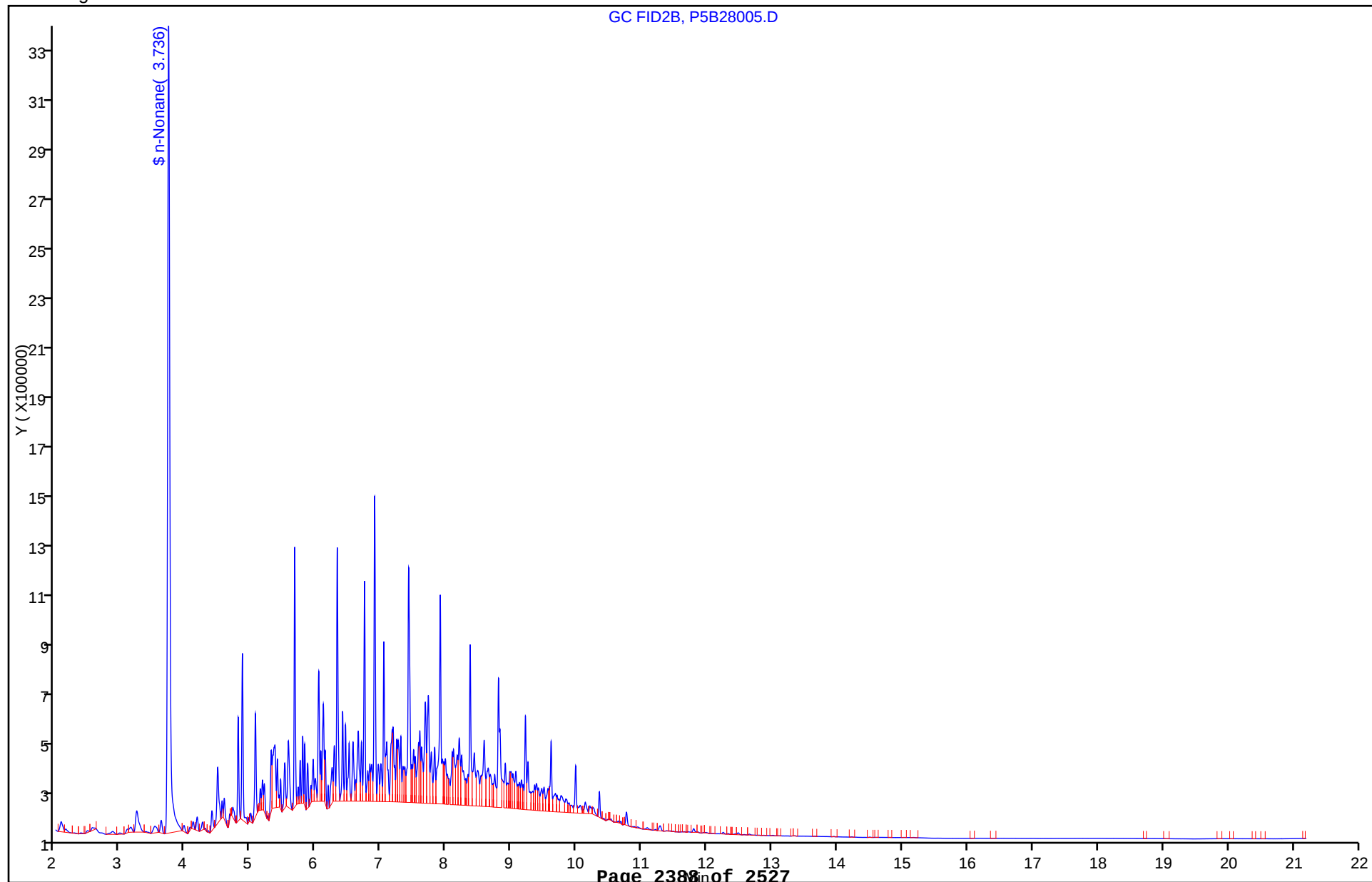
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B28005.D



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-66605/20 Calibration Date: 11/28/2012 21:34
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B28020.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	164855		526	500	5.2	15.0
n-Nonane	Ave	149337	154470		51.7	50.0	3.4	15.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-66605/20 Calibration Date: 11/28/2012 21:34
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B28020.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.73	3.67	3.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28020.D
Lims ID: CCV DIESEL Client ID:
Inject. Date: 28-Nov-2012 21:34:37 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015345-020
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 70
Lims Batch ID: 66605 Lims Sample ID: 20
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
Last Update: 29-Nov-2012 09:30:02 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK022

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.734 3.736 -0.002 7723493 51.7

A 15 Diesel

9.107 4.867 - 13.348 82427648 526.2

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28020.D

Injection Date: 28-Nov-2012 21:34:37

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 20

Operator ID: 4275

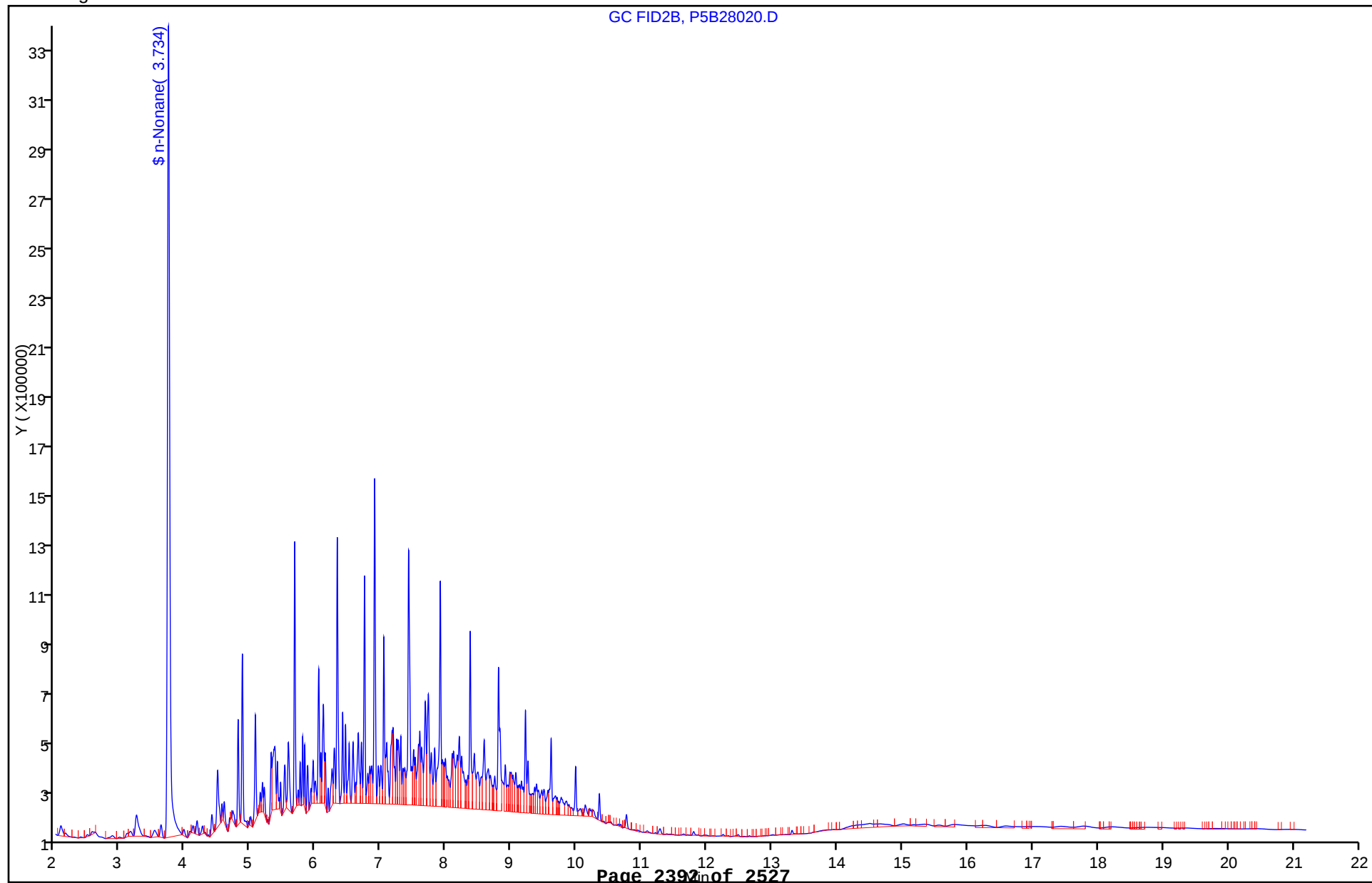
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B28020.D



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-66605/29 Calibration Date: 11/29/2012 02:07
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B28029.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	169374		541	500	8.1	15.0
n-Nonane	Ave	149337	157050		52.6	50.0	5.2	15.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-66605/29 Calibration Date: 11/29/2012 02:07
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B28029.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.74	3.67	3.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28029.D
Lims ID: CCV DIESEL Client ID:
Inject. Date: 29-Nov-2012 02:07:50 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015345-029
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 79
Lims Batch ID: 66605 Lims Sample ID: 29
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
Last Update: 29-Nov-2012 09:30:08 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK022

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.735 3.736 -0.001 7852512 52.6

A 15 Diesel

9.107 4.867 - 13.348 84687238 540.6

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28029.D

Injection Date: 29-Nov-2012 02:07:50

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 29

Operator ID: 4275

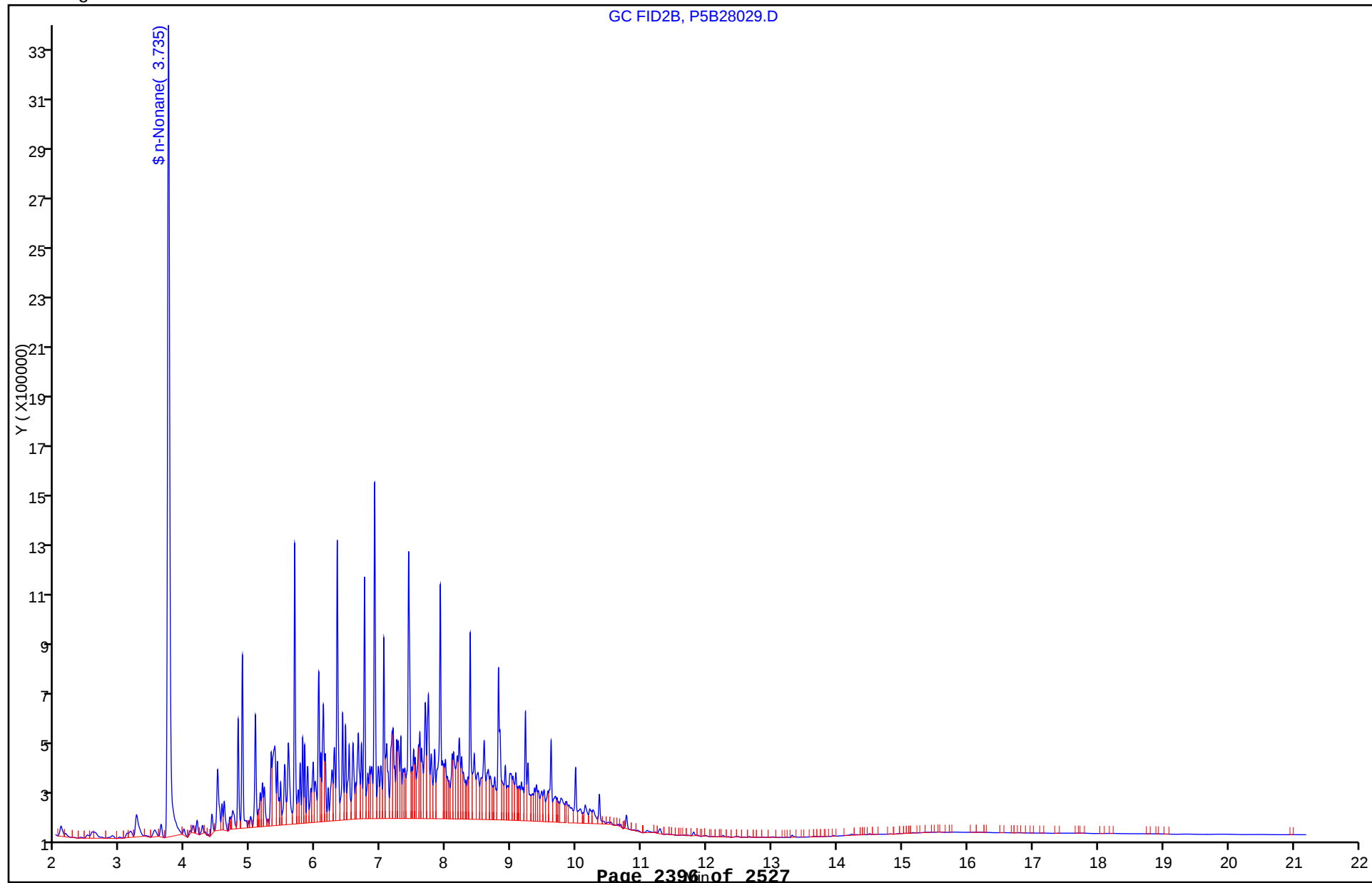
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B28029.D



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-66605/33 Calibration Date: 11/29/2012 04:09
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B28033.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	177853		568	500	13.5	15.0
n-Nonane	Ave	149337	160907		53.9	50.0	7.7	15.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-66605/33 Calibration Date: 11/29/2012 04:09
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B28033.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.74	3.67	3.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28033.D
Lims ID: CCV DIESEL Client ID:
Inject. Date: 29-Nov-2012 04:09:18 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015345-033
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 83
Lims Batch ID: 66605 Lims Sample ID: 33
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
Last Update: 29-Nov-2012 09:30:13 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK022

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.736 3.736 0.000 8045351 53.9

A 15 Diesel

9.107 4.867 - 13.348 88926288 567.7

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28033.D

Injection Date: 29-Nov-2012 04:09:18

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 33

Operator ID: 4275

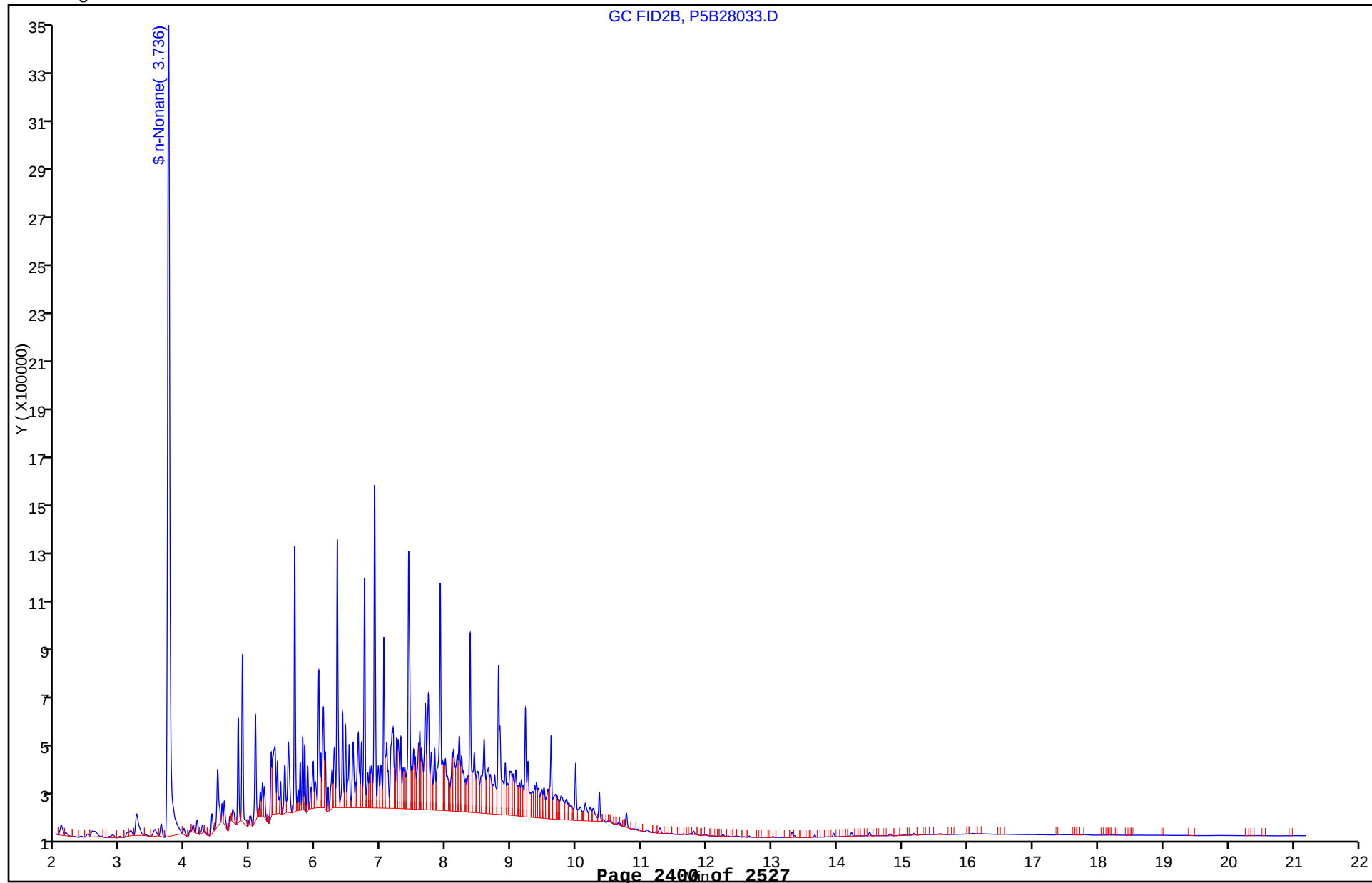
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B28033.D



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67061/5 Calibration Date: 12/03/2012 12:35
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B03005.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	154502		493	500	-1.4	15.0
n-Nonane	Ave	149337	156902		52.5	50.0	5.1	15.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67061/5 Calibration Date: 12/03/2012 12:35
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B03005.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.74	3.67	3.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03005.D
Lims ID: CCV DIESEL Client ID:
Inject. Date: 03-Dec-2012 12:35:45 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015465-005
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 55
Lims Batch ID: 67061 Lims Sample ID: 5
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\TPH5R.m
Last Update: 04-Dec-2012 10:35:39 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK023

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.740 3.740 0.000 7845077 52.5

A 15 Diesel

9.110 4.870 - 13.349 77250995 493.2

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03005.D

Injection Date: 03-Dec-2012 12:35:45

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 67061

Lims Sample ID: 5

Operator ID: 4275

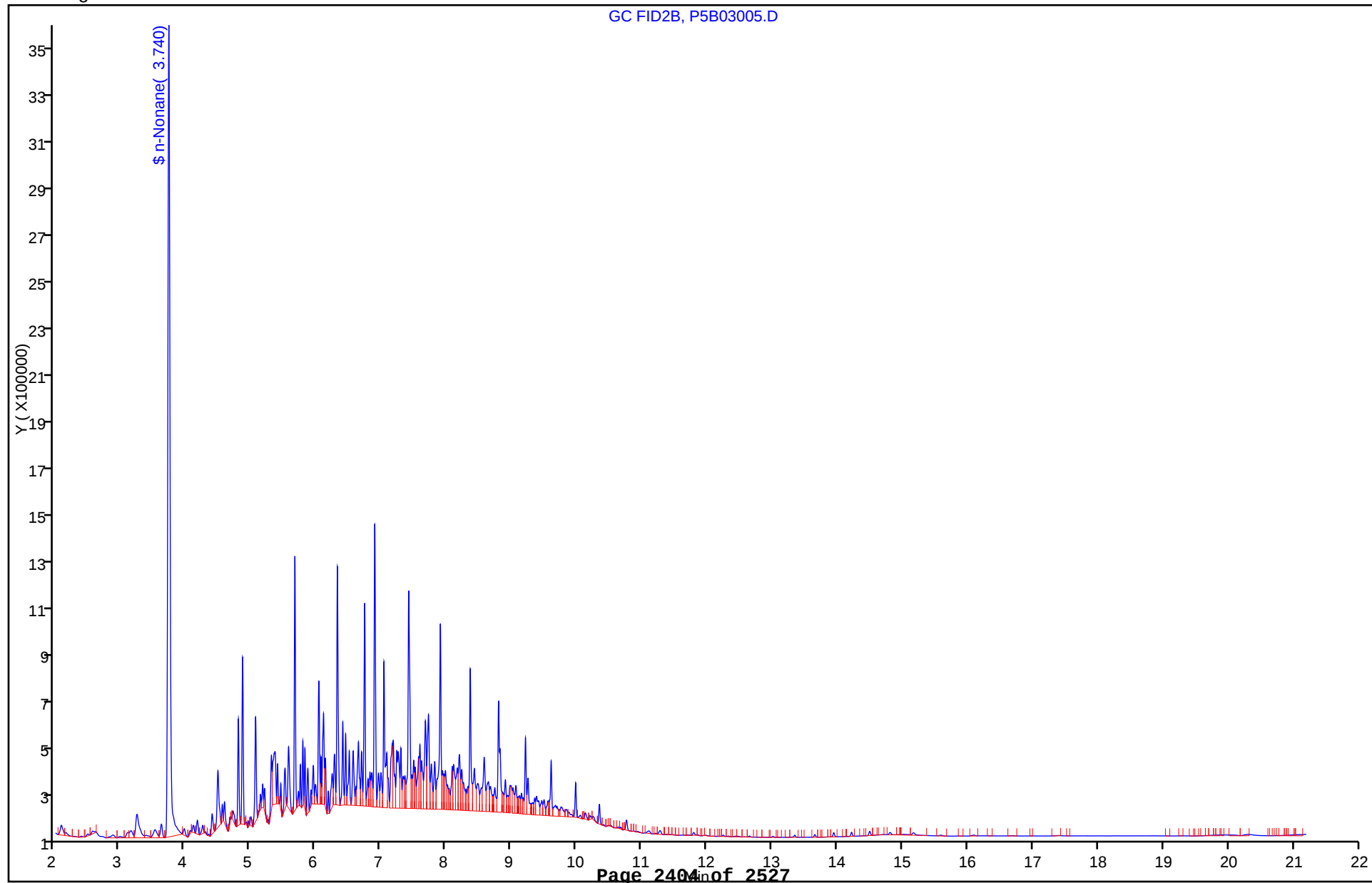
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B03005.D



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67061/10 Calibration Date: 12/03/2012 15:55
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B03010.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	156648		500	500	0.0	15.0
n-Nonane	Ave	149337	149048		49.9	50.0	-0.2	15.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67061/10 Calibration Date: 12/03/2012 15:55
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B03010.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.74	3.67	3.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03010.D
Lims ID: CCV DIESEL Client ID:
Inject. Date: 03-Dec-2012 15:55:49 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015465-010
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 60
Lims Batch ID: 67061 Lims Sample ID: 10
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\TPH5R.m
Last Update: 04-Dec-2012 10:35:43 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK023

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.740 3.740 0.000 7452409 49.9

A 15 Diesel

9.110 4.870 - 13.349 78324055 500.0

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03010.D

Injection Date: 03-Dec-2012 15:55:49

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 67061

Lims Sample ID: 10

Operator ID: 4275

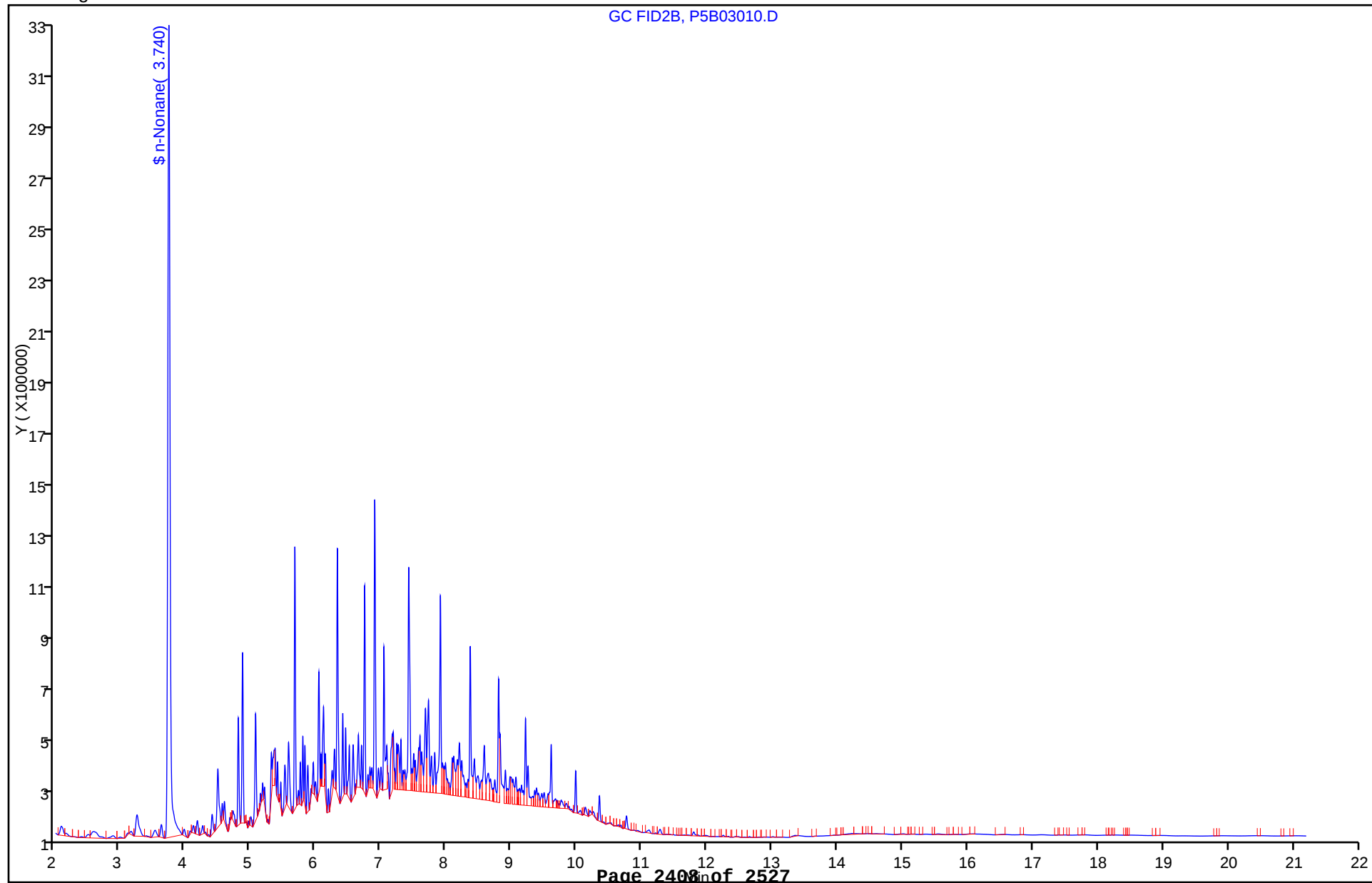
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B03010.D



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67287/4 Calibration Date: 12/04/2012 14:24
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B04004.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	147818		472	500	-5.6	15.0
n-Nonane	Ave	149337	144920		48.5	50.0	-3.0	15.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67287/4 Calibration Date: 12/04/2012 14:24
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B04004.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.74	3.67	3.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04004.D
Lims ID: CCV DIESEL Client ID:
Inject. Date: 04-Dec-2012 14:24:03 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015518-004
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 54
Lims Batch ID: 67287 Lims Sample ID: 4
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\TPH5R.m
Last Update: 05-Dec-2012 09:17:11 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.742 3.742 0.000 7245991 48.5

A 15 Diesel

9.112 4.872 - 13.352 73908910 471.8

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04004.D

Injection Date: 04-Dec-2012 14:24:03

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 67287

Lims Sample ID: 4

Operator ID: 4275

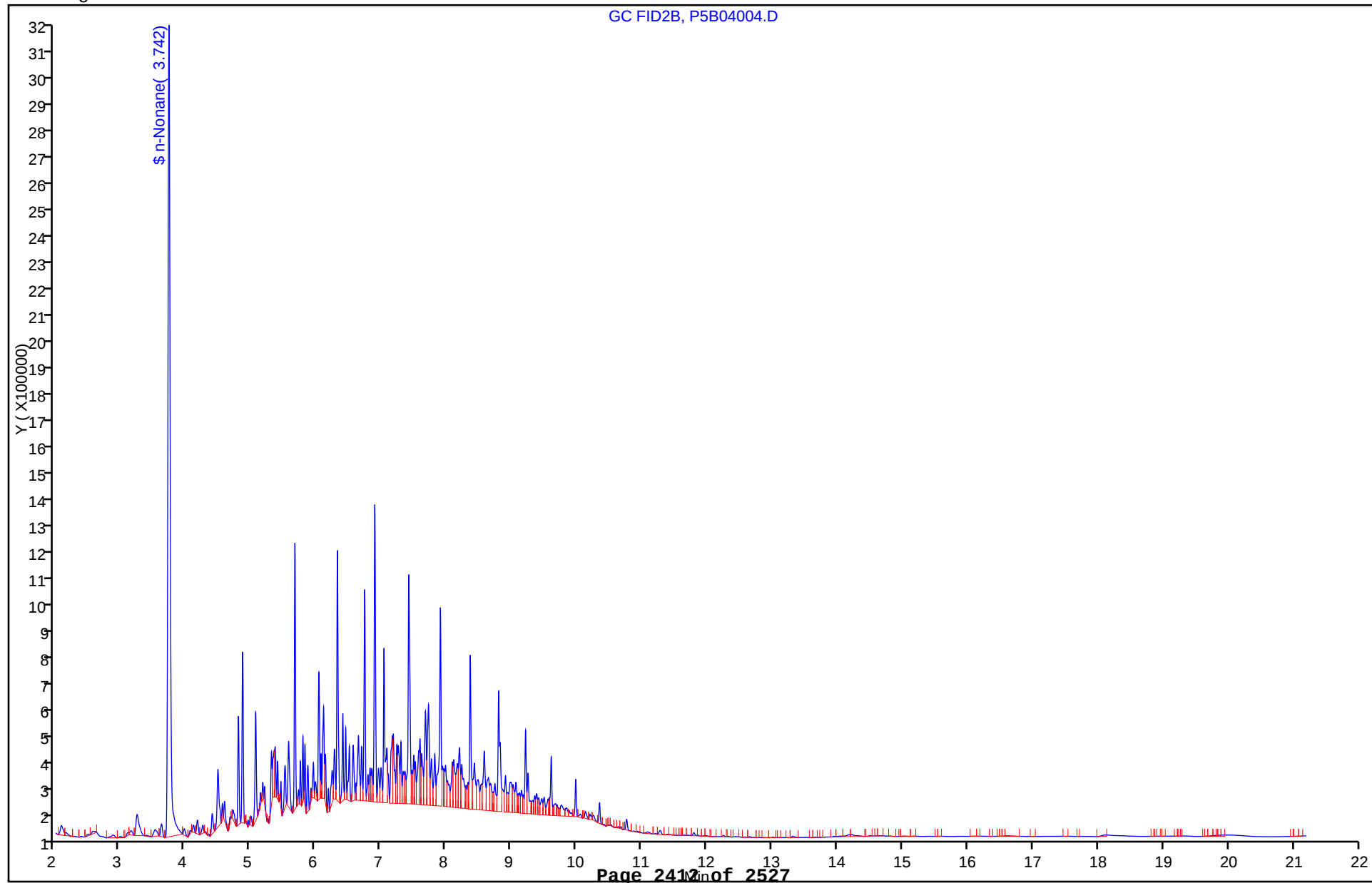
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B04004.D



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67287/28 Calibration Date: 12/05/2012 02:31
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B04028.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	172051		549	500	9.8	15.0
n-Nonane	Ave	149337	156642		52.4	50.0	4.9	15.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67287/28 Calibration Date: 12/05/2012 02:31
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B04028.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.74	3.67	3.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04028.D
Lims ID: CCV DIESEL Client ID:
Inject. Date: 05-Dec-2012 02:31:30 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015518-028
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 78
Lims Batch ID: 67287 Lims Sample ID: 28
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\TPH5R.m
Last Update: 05-Dec-2012 09:17:24 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.739 3.742 -0.003 7832084 52.4

A 15 Diesel

9.112 4.872 - 13.352 86025721 549.2

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04028.D

Injection Date: 05-Dec-2012 02:31:30

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 67287

Lims Sample ID: 28

Operator ID: 4275

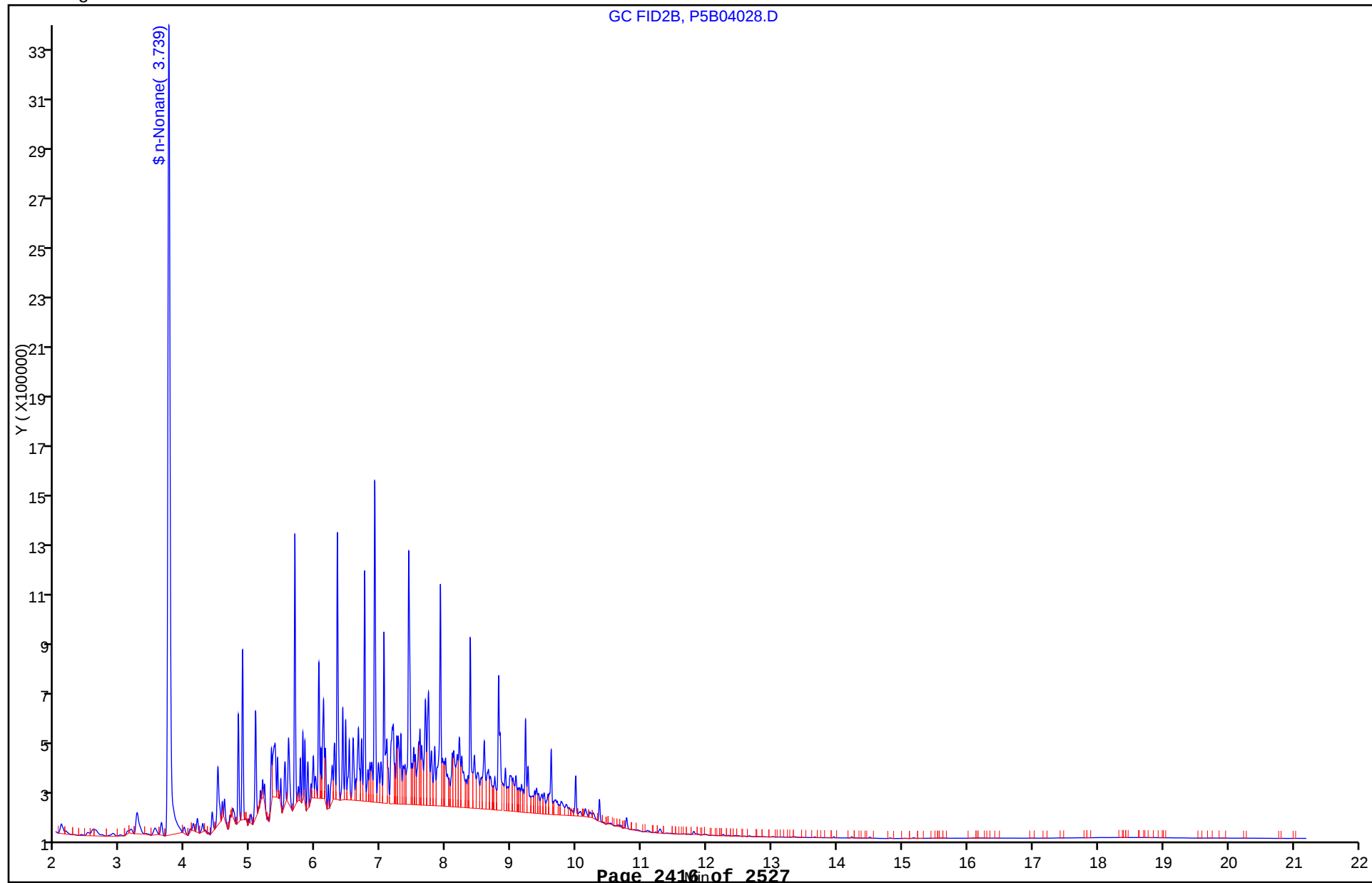
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B04028.D



FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67287/30 Calibration Date: 12/05/2012 03:31
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B04030.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10 - C28]	Ave	156648	152751		488	500	-2.5	15.0
n-Nonane	Ave	149337	146556		49.1	50.0	-1.9	15.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Lab Sample ID: CCV 240-67287/30 Calibration Date: 12/05/2012 03:31
Instrument ID: A2HP5R Calib Start Date: 11/26/2012 14:12
GC Column: _____ ID: _____ Calib End Date: 11/26/2012 16:13
Lab File ID: P5B04030.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10 - C28]	9.11	4.87	13.35
n-Nonane	3.74	3.67	3.81

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04030.D
Lims ID: CCV DIESEL Client ID:
Inject. Date: 05-Dec-2012 03:31:52 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015518-030
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 80
Lims Batch ID: 67287 Lims Sample ID: 30
Sublist: chrom-TPH5R*sub1
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\TPH5R.m
Last Update: 05-Dec-2012 09:17:25 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK021

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.740 3.742 -0.002 7327782 49.1

A 15 Diesel

9.112 4.872 - 13.352 76375506 487.6

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04030.D

Injection Date: 05-Dec-2012 03:31:52

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 67287

Lims Sample ID: 30

Operator ID: 4275

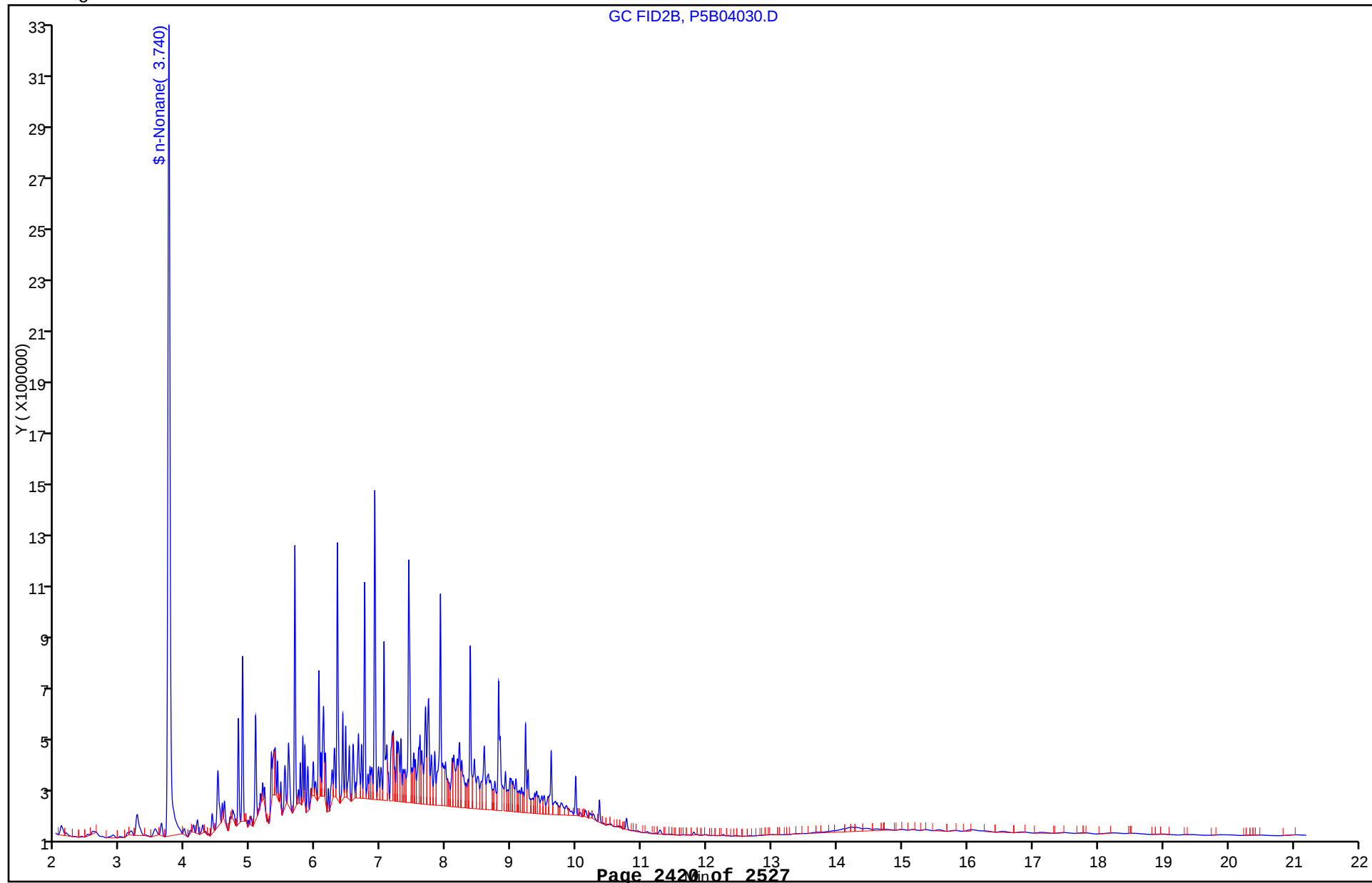
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B04030.D



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 240-66394/10-A
Matrix: Solid Lab File ID: P5B28021.D
Analysis Method: 8015B Date Collected: _____
Extraction Method: 3540C Date Extracted: 11/27/2012 09:12
Sample wt/vol: 30.00(g) Date Analyzed: 11/28/2012 22:04
Con. Extract Vol.: 5(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 66605 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	9.3	U	17	9.3	9.3
STL00272	C20-C34	9.3	U	17	9.3	9.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	69		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28021.D
 Lims ID: MB 240-66394/10-A Client ID:
 Inject. Date: 28-Nov-2012 22:04:58 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: 240-0015345-021
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 71
 Lims Batch ID: 66605 Lims Sample ID: 21
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
 Last Update: 29-Nov-2012 09:30:02 Calib Date: 26-Nov-2012 16:13:35
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
 Limit Group: GC TPH DIESEL ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK022

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

1 Tetratetracontane					1
26.157					
A 2 C28-C36					
13.398 - 16.290					
A 3 C10-C34					
4.867 - 15.174					
A 4 C32-C44					
14.500 - 26.150					
A 5 C12-C22					
6.324 - 10.765					
A 6 C22-C32					
10.765 - 14.500					
7 n-Octane					1
2.617					
\$ 8 n-Nonane					
3.726 3.736 -0.010			10324313	69.1	
9 n-Decane					
4.861 4.867 -0.006			12127	0	
10 Dodecane					1
6.324					
11 n-Tetradecane					1
7.420					
A 12 C10-C20					
4.867 - 9.984					
13 Hexadecane					
8.382 8.365 0.017			8575	0	
A 14 C10-C28					
4.823 - 13.398					

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28021.D

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

A 15 Diesel

4.867 - 13.348

16 n-Octadecane

9.220 9.213 0.007 2228 0

A 17 C10-C32

4.867 - 14.500

18 icosane

9.985 9.984 0.001 2076 0

19 n-Docosane

10.738 10.765 -0.027 1983 0

A 20 C12-C24

6.324 - 11.798

21 n-Tetracosane

11.754 11.798 -0.044 545 0

A 22 C20-C34

9.984 - 15.174

23 n-Hexacosane

12.650 12.652 -0.002 1339 0

24 n-Octacosane

13.307 13.348 -0.041 21972 0

25 Triacontane

13.944 13.948 -0.004 11520 0

26 Dotriacontane

14.502 14.500 0.002 112490 0

27 Tetratriacontane

15.170 15.174 -0.004 109482 0

A 28 C24-C40

15.538 11.798 -19.278 11372417 72.6

29 n-Hexatriacontane

16.074 16.093 -0.019 45045 0

30 C38

17.361 17.393 -0.032 30642 0

31 C40

19.262 19.278 -0.016 38040 0

A 32 C20-C36

13.038 9.984 - 16.093 5323674 34.0

A 34 C24-C44

18.978 11.798 -26.157 14812563 94.6

A 35 C10-C24

4.823 - 11.843

QC Flag Legend

Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28021.D

Injection Date: 28-Nov-2012 22:04:58

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 21

Operator ID: 4275

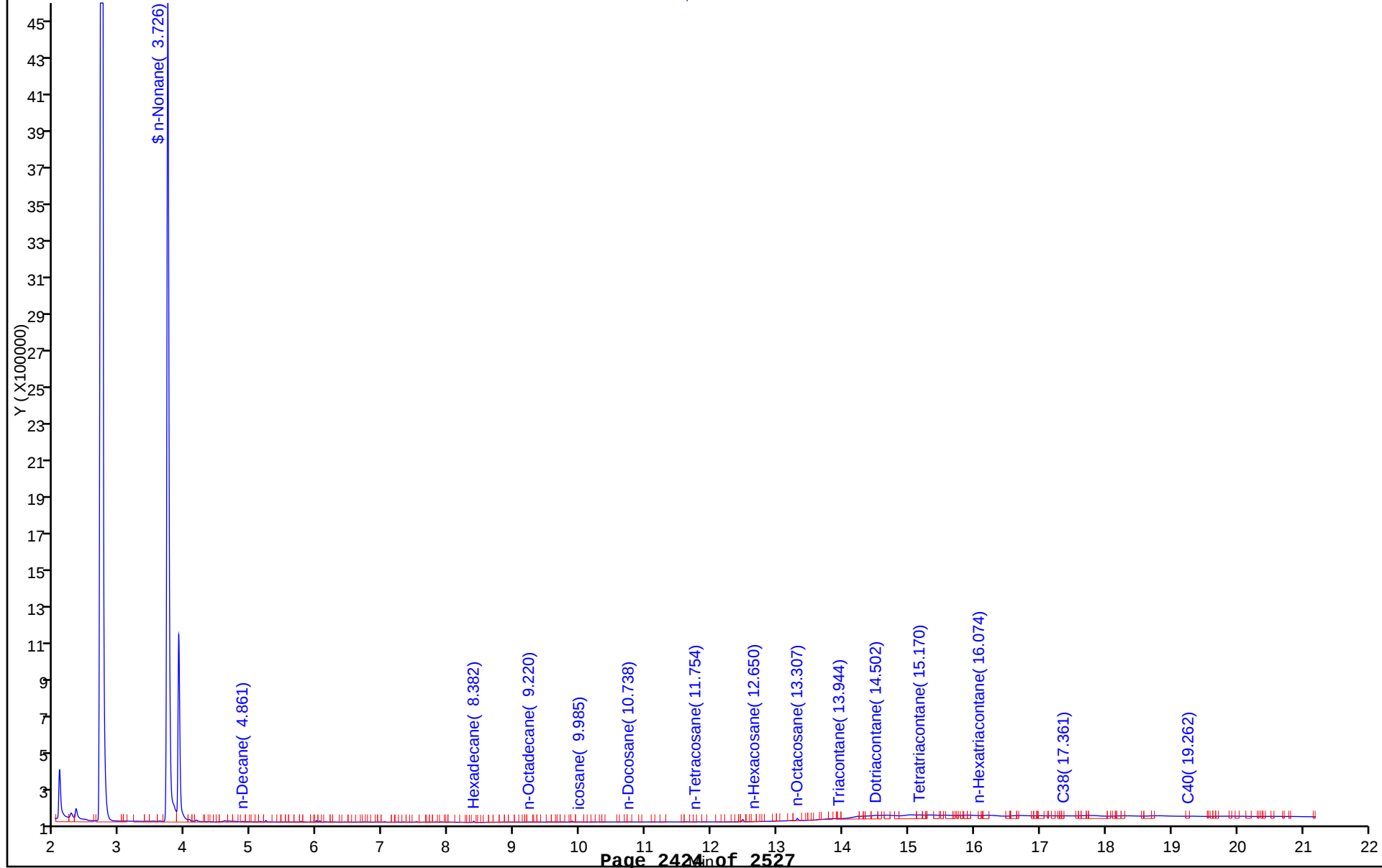
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B28021.D



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 240-66394/11-A
Matrix: Solid Lab File ID: P5B28022.D
Analysis Method: 8015B Date Collected: _____
Extraction Method: 3540C Date Extracted: 11/27/2012 09:12
Sample wt/vol: 30.00(g) Date Analyzed: 11/28/2012 22:35
Con. Extract Vol.: 5(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 66605 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	66		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28022.D
Lims ID: LCS 240-66394/11-A Client ID:
Inject. Date: 28-Nov-2012 22:35:06 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015345-022
Misc. Info.:
Operator: 4275 Instrument ID: A2HP5R
Injection Vol: 1.0 ul ALS Bottle#: 72
Lims Batch ID: 66605 Lims Sample ID: 22
Detector: GC FID2B
Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
Last Update: 29-Nov-2012 09:30:02 Calib Date: 26-Nov-2012 16:13:35
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
Limit Group: GC TPH DIESEL ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK022

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

\$ 8 n-Nonane

3.719 3.736 -0.017 9866464 66.1

A 15 Diesel

9.107 4.867 - 13.348 63276731 403.9

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28022.D

Injection Date: 28-Nov-2012 22:35:06

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 22

Operator ID: 4275

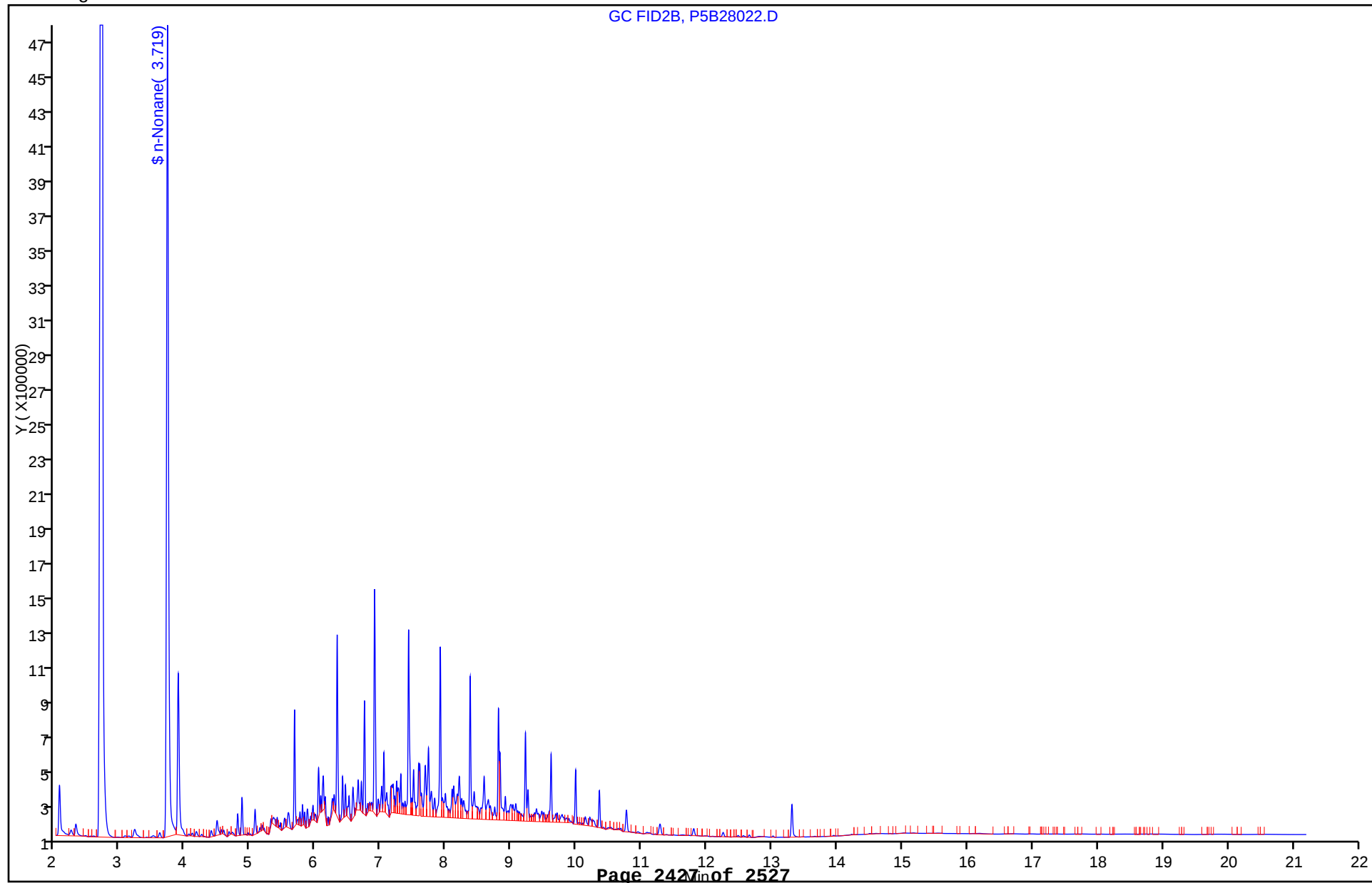
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B28022.D



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MRL 240-66605/4
Matrix: Solid Lab File ID: P5B28004.D
Analysis Method: 8015B Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 11/28/2012 13:29
Con. Extract Vol.: 1.0(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 66605 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	84.9		0.50	0.24	0.24
STL00272	C20-C34	0.24	U	0.50	0.24	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	106		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28004.D
 Lims ID: MRL Client ID:
 Inject. Date: 28-Nov-2012 13:29:27 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0015345-004
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 54
 Lims Batch ID: 66605 Lims Sample ID: 4
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
 Last Update: 29-Nov-2012 09:29:48 Calib Date: 26-Nov-2012 16:13:35
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
 Limit Group: GC TPH DIESEL ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK022

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

1 Tetratetracontane					1
26.157					
A 2 C28-C36					
13.398 - 16.290					
A 3 C10-C34					
10.021 4.867 - 15.174			21513548	137.3	
A 4 C32-C44					
14.500 - 26.150					
A 5 C12-C22					
8.545 6.324 - 10.765			10655958	68.0	
A 6 C22-C32					
10.765 - 14.500					
7 n-Octane					1
2.617					
\$ 8 n-Nonane					
3.736 3.736 0.000			1575803	10.6	
9 n-Decane					
4.869 4.867 0.002			217613	0	
10 Dodecane					
6.324 6.324 0.000			309172	0	
11 n-Tetradecane					
7.421 7.420 0.001			451446	0	
A 12 C10-C20					
7.426 4.867 - 9.984			13305737	84.9	
13 Hexadecane					
8.366 8.365 0.001			229400	0	
A 14 C10-C28					
9.111 4.823 - 13.398			18399469	86.4	

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28004.D

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

A 15 Diesel

9.107 4.867 - 13.348 18189740 116.1

16 n-Octadecane

9.213 9.213 0.000 132624 0

A 17 C10-C32

9.683 4.867 - 14.500 20479247 130.7

18 icosane

9.984 9.984 0.000 87205 0

19 n-Docosane

10.765 10.765 0.000 18751 0

A 20 C12-C24

9.061 6.324 - 11.798 12415208 79.3

21 n-Tetracosane

11.796 11.798 -0.002 6438 0

A 22 C20-C34

9.984 - 15.174

23 n-Hexacosane

12.653 12.652 0.001 2280 0

24 n-Octacosane

13.346 13.348 -0.002 1538 0

25 Triacontane

13.947 13.948 -0.001 1570 0

26 Dotriacontane

14.498 14.500 -0.002 2406 0

27 Tetratriacontane

15.166 15.174 -0.008 2306 0

A 28 C24-C40

11.798 -19.278

29 n-Hexatriacontane

16.086 16.093 -0.007 1659 0

30 C38

17.411 17.393 0.018 699 0

31 C40

19.281 19.278 0.003 577 0

A 32 C20-C36

9.984 - 16.093

A 34 C24-C44

11.798 -26.157

A 35 C10-C24

8.333 4.823 - 11.843 16102222 102.8

QC Flag Legend

Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28004.D

Injection Date: 28-Nov-2012 13:29:27

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 4

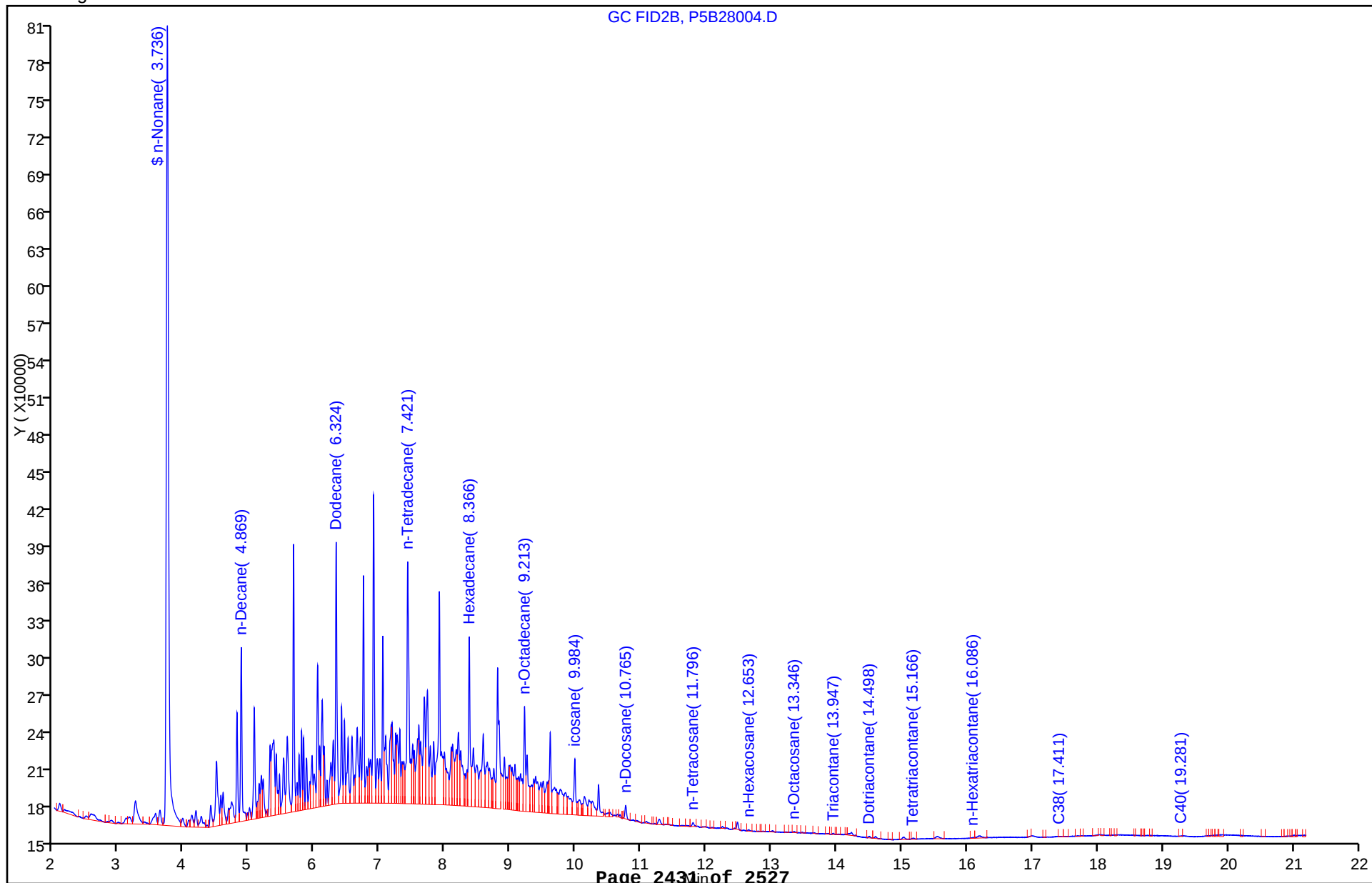
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MRL 240-66605/34
Matrix: Solid Lab File ID: P5B28034.D
Analysis Method: 8015B Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 11/29/2012 04:39
Con. Extract Vol.: 1.0(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 66605 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	83.9		0.50	0.24	0.24
STL00272	C20-C34	0.24	U	0.50	0.24	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	105		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28034.D
 Lims ID: MRL Client ID:
 Inject. Date: 29-Nov-2012 04:39:30 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0015345-034
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 84
 Lims Batch ID: 66605 Lims Sample ID: 34
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
 Last Update: 29-Nov-2012 09:30:13 Calib Date: 26-Nov-2012 16:13:35
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
 Limit Group: GC TPH DIESEL ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK022

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

1 Tetratetracontane					1
26.157					
A 2 C28-C36					
13.398 -16.290					
A 3 C10-C34					
10.021 4.867 - 15.174			18070227	115.4	
A 4 C32-C44					
14.500 -26.150					
A 5 C12-C22					
8.545 6.324 - 10.765			10765231	68.7	
A 6 C22-C32					
10.765 -14.500					
7 n-Octane					1
2.617					
\$ 8 n-Nonane					
3.733 3.736 -0.003			1565836	10.5	
9 n-Decane					
4.868 4.867 0.001			207369	0	
10 Dodecane					
6.323 6.324 -0.001			308166	0	
11 n-Tetradecane					
7.419 7.420 -0.001			450534	0	
A 12 C10-C20					
7.426 4.867 - 9.984			13143608	83.9	
13 Hexadecane					
8.364 8.365 -0.001			224803	0	
A 14 C10-C28					
9.111 4.823 - 13.398			17662640	82.9	

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28034.D

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

A 15 Diesel

9.107 4.867 - 13.348 17533760 111.9

16 n-Octadecane

9.213 9.213 0.000 121381 0

A 17 C10-C32

9.683 4.867 - 14.500 17782785 113.5

18 icosane

9.982 9.984 -0.002 67097 0

19 n-Docosane

10.763 10.765 -0.002 17034 0

A 20 C12-C24

9.061 6.324 - 11.798 12121888 77.4

21 n-Tetracosane

11.794 11.798 -0.004 8697 0

A 22 C20-C34

9.984 - 15.174

23 n-Hexacosane

12.653 12.652 0.001 9335 0

24 n-Octacosane

13.345 13.348 -0.003 1883 0

25 Triacontane

13.944 13.948 -0.004 1853 0

26 Dotriacontane

14.496 14.500 -0.004 2941 0

27 Tetratriacontane

15.172 15.174 -0.002 829 0

A 28 C24-C40

11.798 -19.278

29 n-Hexatriacontane

16.080 16.093 -0.013 14803 0

30 C38

17.393

1

31 C40

19.263 19.278 -0.015 6216 0

A 32 C20-C36

9.984 - 16.093

A 34 C24-C44

18.978 11.798 -26.157 5241954 33.5

A 35 C10-C24

8.333 4.823 - 11.843 15830238 101.1

QC Flag Legend

Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28034.D

Injection Date: 29-Nov-2012 04:39:30

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 34

Operator ID: 4275

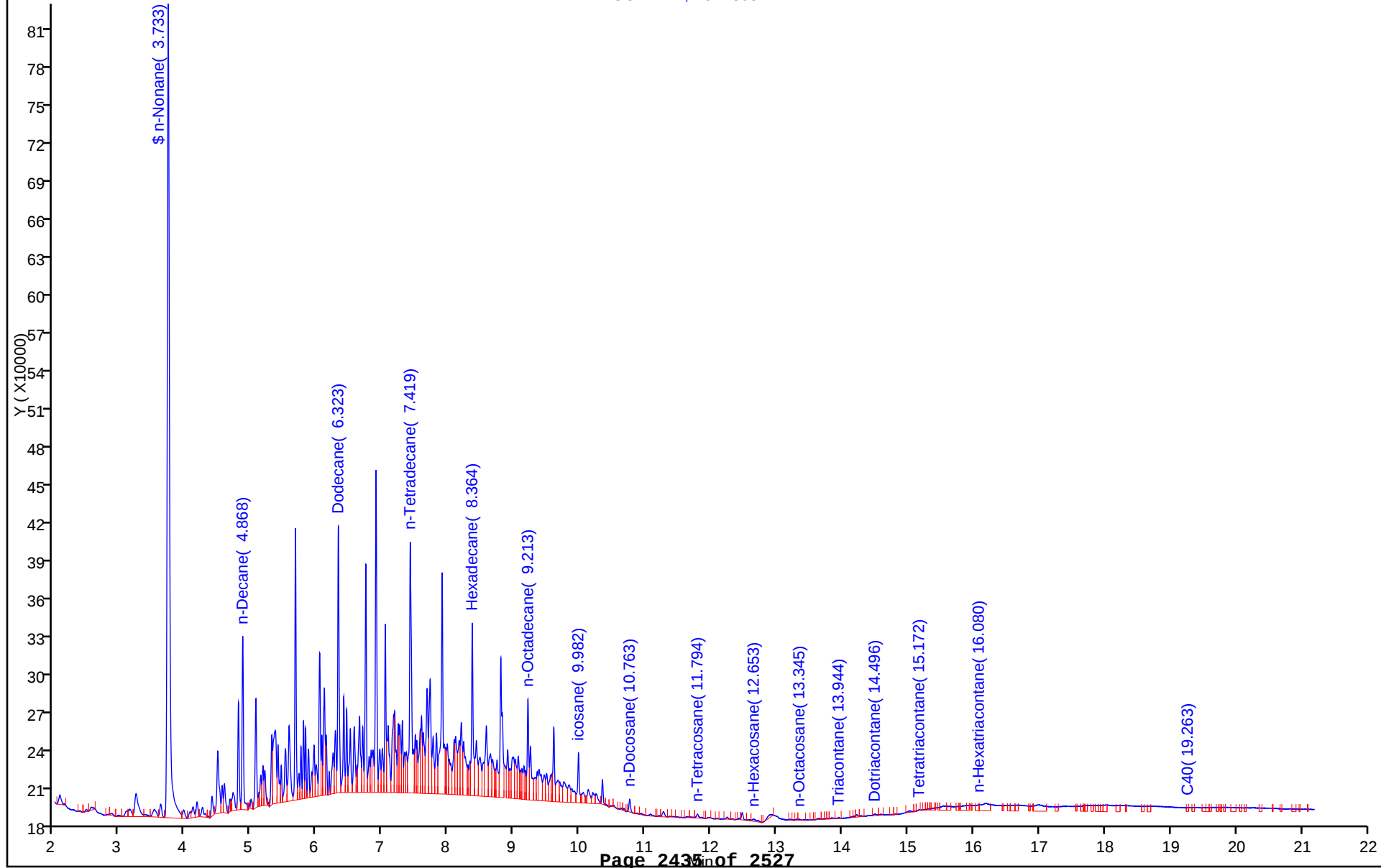
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B28034.D



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MRL 240-67061/4
Matrix: Solid Lab File ID: P5B03004.D
Analysis Method: 8015B Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 12/03/2012 12:04
Con. Extract Vol.: 1.0(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 67061 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	64.6		0.50	0.24	0.24
STL00272	C20-C34	0.24	U	0.50	0.24	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	83		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03004.D
 Lims ID: MRL Client ID:
 Inject. Date: 03-Dec-2012 12:04:48 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0015465-004
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 54
 Lims Batch ID: 67061 Lims Sample ID: 4
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\TPH5R.m
 Last Update: 04-Dec-2012 10:35:37 Calib Date: 26-Nov-2012 16:13:35
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
 Limit Group: GC TPH DIESEL ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK023

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1 Tetratetracontane					1
26.157					
A 2 C28-C36					
13.395 - 16.200					
A 3 C10-C34					
10.022 4.870 - 15.175			13797805	88.1	
A 4 C32-C44					
14.500 - 26.150					
A 5 C12-C22					
8.546 6.326 - 10.766			8094427	51.7	
A 6 C22-C32					
10.766 - 14.500					
7 n-Octane					1
2.617					
\$ 8 n-Nonane					
3.732 3.740 - 0.008			1242719	8.32	
9 n-Decane					
4.869 4.870 - 0.001			158587	0	
10 Dodecane					
6.326 6.326 0.000			240878	0	
11 n-Tetradecane					
7.421 7.421 0.000			336022	0	
A 12 C10-C20					
7.428 4.870 - 9.985			10122865	64.6	
13 Hexadecane					
8.366 8.367 - 0.001			162355	0	
A 14 C10-C28					
9.110 4.825 - 13.395			12563022	59.0	

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03004.D

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	--------	--------	----------	------------------	-------

A 15 Diesel

9.110 4.870 - 13.349 12449098 79.5

16 n-Octadecane

9.215 9.215 0.000 91229 0

A 17 C10-C32

9.685 4.870 - 14.500 13161646 84.0

18 icosane

9.983 9.985 -0.002 50746 0

19 n-Docosane

10.764 10.766 -0.002 12614 0

A 20 C12-C24

9.062 6.326 - 11.799 8757967 55.9

21 n-Tetracosane

11.796 11.799 -0.003 6354 0

A 22 C20-C34

10.024 -15.175

23 n-Hexacosane

12.661 12.653 0.008 52689 0

24 n-Octacosane

13.331 13.349 -0.018 752 0

25 Triacontane

13.951 13.949 0.002 2870 0

26 Dotriacontane

14.506 14.500 0.006 24661 0

27 Tetratriacontane

15.170 15.175 -0.005 22268 0

A 28 C24-C40

15.541 11.799 -19.284 5951224 38.0

29 n-Hexatriacontane

16.069 16.093 -0.024 12374 0

30 C38

17.374 17.395 -0.021 10313 0

31 C40

19.265 19.284 -0.019 23871 0

A 32 C20-C36

9.985 - 16.093

A 34 C24-C44

18.978 11.799 -26.157 8164408 52.1

A 35 C10-C24

8.332 4.825 - 11.839 11431517 73.0

QC Flag Legend

Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03004.D

Injection Date: 03-Dec-2012 12:04:48

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 67061

Lims Sample ID: 4

Operator ID: 4275

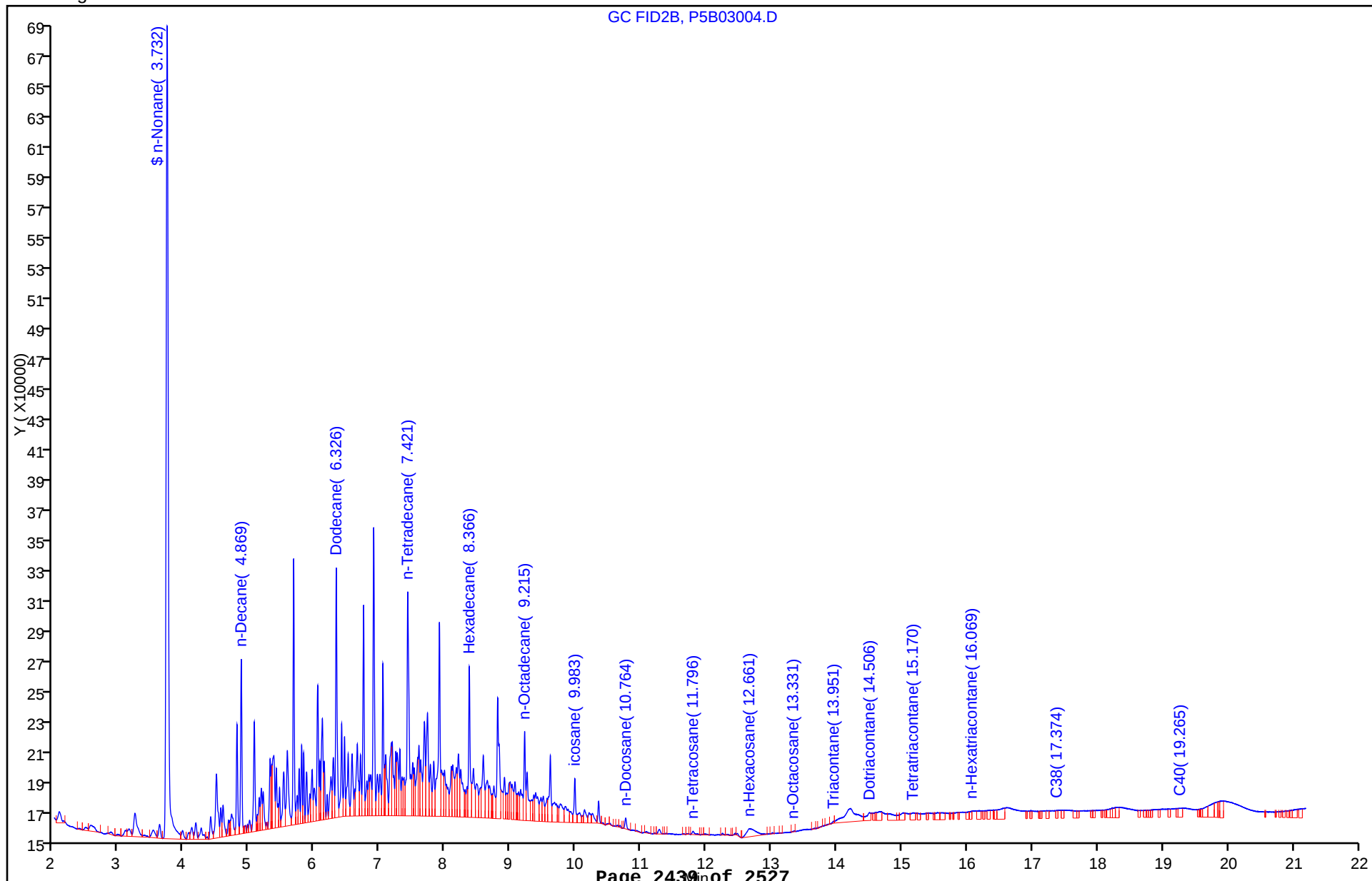
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B03004.D



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MRL 240-67061/11
Matrix: Solid Lab File ID: P5B03011.D
Analysis Method: 8015B Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 12/03/2012 16:26
Con. Extract Vol.: 1.0(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 67061 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	67.8		0.50	0.24	0.24
STL00272	C20-C34	0.24	U	0.50	0.24	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	85		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03011.D
 Lims ID: MRL Client ID:
 Inject. Date: 03-Dec-2012 16:26:15 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0015465-011
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 61
 Lims Batch ID: 67061 Lims Sample ID: 11
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\TPH5R.m
 Last Update: 04-Dec-2012 10:35:43 Calib Date: 26-Nov-2012 16:13:35
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
 Limit Group: GC TPH DIESEL ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK023

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

1 Tetratetracontane				1	
26.157					
A 2 C28-C36					
13.395 -16.200					
A 3 C10-C34					
10.022 4.870 - 15.175			14102495	90.0	
A 4 C32-C44					
14.500 -26.150					
A 5 C12-C22					
8.546 6.326 - 10.766			8577869	54.8	
A 6 C22-C32					
10.766 -14.500					
7 n-Octane					
2.569 2.617 -0.048			15711	0	
\$ 8 n-Nonane					
3.733 3.740 -0.007			1266973	8.48	
9 n-Decane					
4.870 4.870 0.000			159193	0	
10 Dodecane					
6.326 6.326 0.000			250182	0	
11 n-Tetradecane					
7.422 7.421 0.001			359538	0	
A 12 C10-C20					
7.428 4.870 - 9.985			10622181	67.8	
13 Hexadecane					
8.366 8.367 -0.001			194119	0	
A 14 C10-C28					
9.110 4.825 - 13.395			13548427	63.6	

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03011.D

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	--------	--------	----------	------------------	-------

A 15 Diesel

9.110 4.870 - 13.349 13434199 85.8

16 n-Octadecane

9.214 9.215 -0.001 102164 0

A 17 C10-C32

9.685 4.870 - 14.500 13752412 87.8

18 icosane

9.984 9.985 -0.001 57993 0

19 n-Docosane

10.763 10.766 -0.003 13994 0

A 20 C12-C24

9.062 6.326 - 11.799 9835459 62.8

21 n-Tetracosane

11.796 11.799 -0.003 5625 0

A 22 C20-C34

10.024 -15.175

23 n-Hexacosane

12.650 12.653 -0.003 1461 0

24 n-Octacosane

13.340 13.349 -0.009 1755 0

25 Triacontane

13.946 13.949 -0.003 1827 0

26 Dotriacontane

14.495 14.500 -0.005 9406 0

27 Tetratriacontane

15.177 15.175 0.002 9046 0

A 28 C24-C40

11.799 -19.284

29 n-Hexatriacontane

16.125 16.093 0.032 4016 0

30 C38

17.384 17.395 -0.011 8770 0

31 C40

19.297 19.284 0.013 11893 0

A 32 C20-C36

9.985 - 16.093

A 34 C24-C44

11.799 -26.157

A 35 C10-C24

8.332 4.825 - 11.839 12897819 82.3

QC Flag Legend

Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121203-15465.b\P5B03011.D

Injection Date: 03-Dec-2012 16:26:15

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 67061

Lims Sample ID: 11

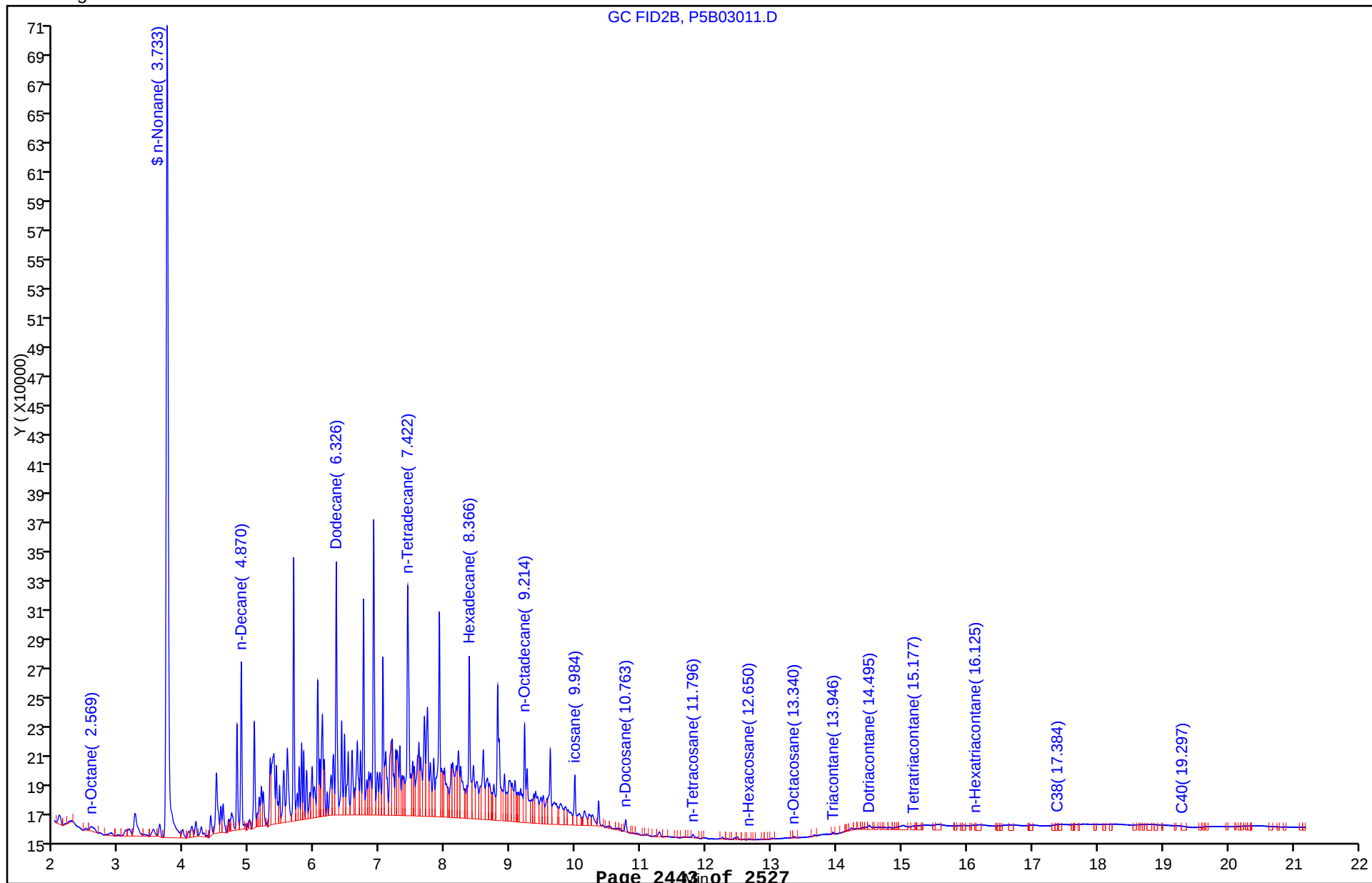
Operator ID: 4275

Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MRL 240-67287/27

Matrix: Solid Lab File ID: P5B04027.D

Analysis Method: 8015B Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: 1(mL) Date Analyzed: 12/05/2012 02:01

Con. Extract Vol.: 1.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: _____ ID: _____

% Moisture: _____ GPC Cleanup: (Y/N) N

Analysis Batch No.: 67287 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	77.3		0.50	0.24	0.24
STL00272	C20-C34	0.24	U	0.50	0.24	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	103		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04027.D
 Lims ID: MRL Client ID:
 Inject. Date: 05-Dec-2012 02:01:26 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0015518-027
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 77
 Lims Batch ID: 67287 Lims Sample ID: 27
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\TPH5R.m
 Last Update: 05-Dec-2012 09:17:18 Calib Date: 26-Nov-2012 16:13:35
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
 Limit Group: GC TPH DIESEL ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK021

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

1 Tetratetracontane				1	
26.157					
A 2 C28-C36					
13.397 -16.212					
A 3 C10-C34					
10.025 4.872 - 15.178			16090975	102.7	
A 4 C32-C44					
14.503 -26.150					
A 5 C12-C22					
8.548 6.328 - 10.768			10124817	64.6	
A 6 C22-C32					
10.768 -14.503					
7 n-Octane					
2.574 2.617 -0.043			5045	0	
\$ 8 n-Nonane					
3.740 3.742 -0.002			1532553	10.3	
9 n-Decane					
4.871 4.872 -0.001			205317	0	
10 Dodecane					
6.326 6.328 -0.002			308642	0	
11 n-Tetradecane					
7.421 7.423 -0.002			395064	0	
A 12 C10-C20					
7.429 4.872 - 9.986			12110593	77.3	
13 Hexadecane					
8.366 8.368 -0.002			212877	0	
A 14 C10-C28					
9.113 4.828 - 13.397			16065410	75.4	

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04027.D

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	--------	--------	----------	---------------------	-------

A 15 Diesel

9.112 4.872 - 13.352 15935373 101.7

16 n-Octadecane

9.214 9.215 -0.001 113645 0

A 17 C10-C32

9.688 4.872 - 14.503 16026589 102.3

18 icosane

9.986 9.986 0.000 65543 0

19 n-Docosane

10.766 10.768 -0.002 17253 0

A 20 C12-C24

9.065 6.328 - 11.802 11634384 74.3

21 n-Tetracosane

11.796 11.802 -0.006 5867 0

A 22 C20-C34

9.986 - 15.178

23 n-Hexacosane

12.648 12.653 -0.005 1380 0

24 n-Octacosane

13.314 13.352 -0.038 1927 0

25 Triacontane

13.952 13.950 0.002 559 0

26 Dotriacontane

14.502 14.503 -0.001 920 0

27 Tetratriacontane

15.178 1

A 28 C24-C40

11.802 -19.290

29 n-Hexatriacontane

16.098 1

30 C38

17.403 1

31 C40

19.290 1

A 32 C20-C36

9.986 - 16.098

A 34 C24-C44

11.802 -26.157

A 35 C10-C24

8.334 4.828 - 11.840 15411648 98.4

QC Flag Legend

Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04027.D

Injection Date: 05-Dec-2012 02:01:26

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 67287

Lims Sample ID: 27

Operator ID: 4275

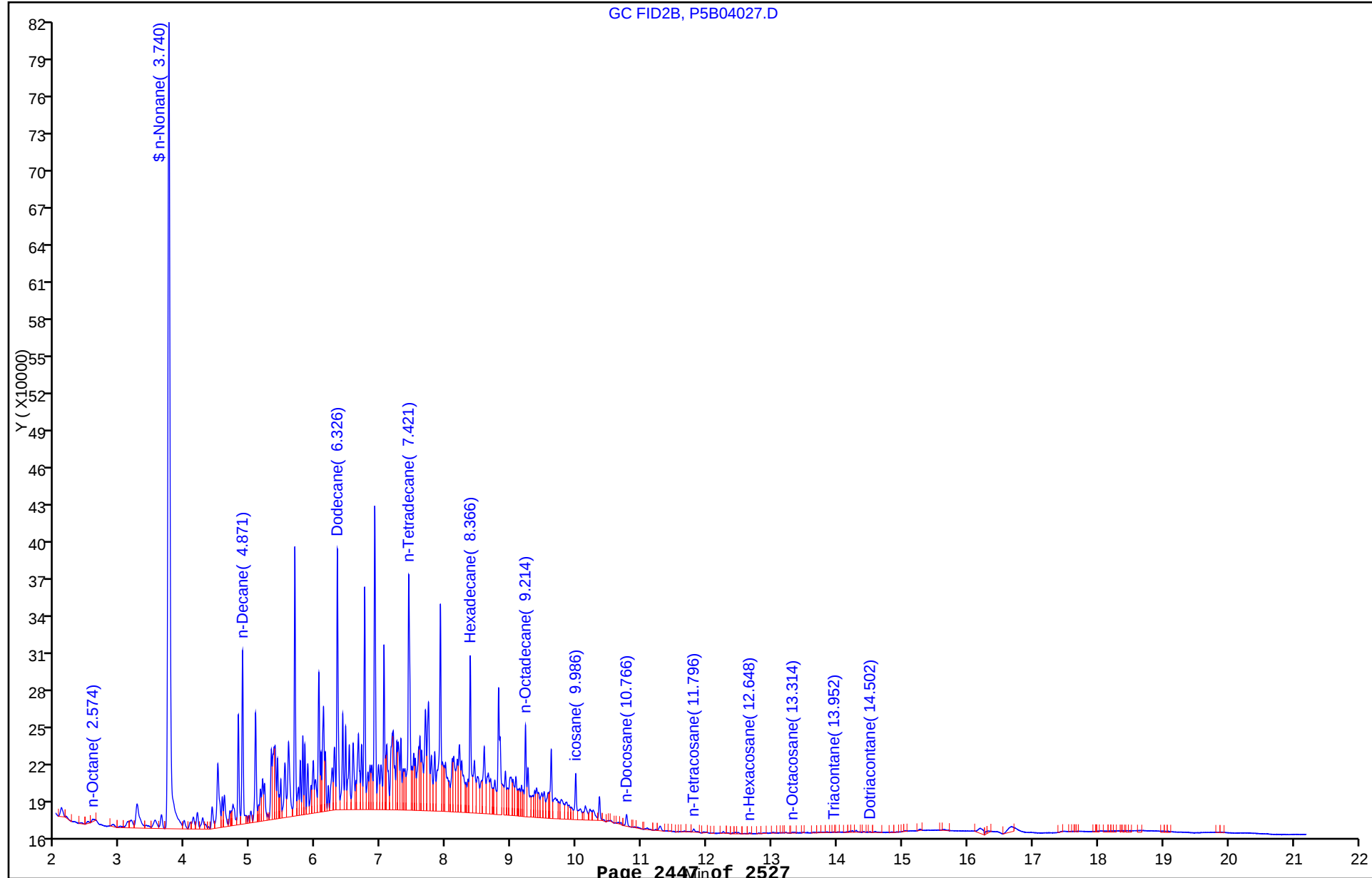
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B04027.D



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MRL 240-67287/31
Matrix: Solid Lab File ID: P5B04031.D
Analysis Method: 8015B Date Collected: _____
Extraction Method: _____ Date Extracted: _____
Sample wt/vol: 1(mL) Date Analyzed: 12/05/2012 04:02
Con. Extract Vol.: 1.0(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 67287 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	84.0		0.50	0.24	0.24
STL00272	C20-C34	0.24	U	0.50	0.24	0.24

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	105		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04031.D
 Lims ID: MRL Client ID:
 Inject. Date: 05-Dec-2012 04:02:07 Dil. Factor: 1.0000
 Sample Type: MRL
 Sample ID: 240-0015518-031
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 81
 Lims Batch ID: 67287 Lims Sample ID: 31
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\TPH5R.m
 Last Update: 05-Dec-2012 09:17:25 Calib Date: 26-Nov-2012 16:13:35
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
 Limit Group: GC TPH DIESEL ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK021

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

1 Tetratetracontane				1	
26.157					
A 2 C28-C36					
13.397 -16.212					
A 3 C10-C34					
10.025 4.872 - 15.178			17221761	109.9	
A 4 C32-C44					
14.503 -26.150					
A 5 C12-C22					
8.548 6.328 - 10.768			10619728	67.8	
A 6 C22-C32					
10.768 -14.503					
7 n-Octane					
2.578 2.617 -0.039			21881	0	
\$ 8 n-Nonane					
3.742 3.742 0.000			1570339	10.5	
9 n-Decane					
4.872 4.872 0.000			211989	0	
10 Dodecane					
6.326 6.328 -0.002			324056	0	
11 n-Tetradecane					
7.422 7.423 -0.001			424532	0	
A 12 C10-C20					
7.429 4.872 - 9.986			13153315	84.0	
13 Hexadecane					
8.367 8.368 -0.001			242509	0	
A 14 C10-C28					
9.113 4.828 - 13.397			16635634	78.1	

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04031.D

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	--------	--------	----------	------------------	-------

A 15 Diesel

9.112 4.872 - 13.352 16510748 105.4

16 n-Octadecane

9.215 9.215 0.000 122387 0

A 17 C10-C32

9.688 4.872 - 14.503 16874759 107.7

18 icosane

9.985 9.986 -0.001 66580 0

19 n-Docosane

10.767 10.768 -0.001 16212 0

A 20 C12-C24

9.065 6.328 - 11.802 12185629 77.8

21 n-Tetracosane

11.797 11.802 -0.005 3875 0

A 22 C20-C34

9.986 - 15.178

23 n-Hexacosane

12.654 12.653 0.001 1937 0

24 n-Octacosane

13.313 13.352 -0.039 2083 0

25 Triacontane

13.941 13.950 -0.009 719 0

26 Dotriacontane

14.499 14.503 -0.004 21056 0

27 Tetratriacontane

15.178 1

A 28 C24-C40

11.802 -19.290

29 n-Hexatriacontane

16.085 16.098 -0.013 4101 0

30 C38

17.398 17.403 -0.005 2510 0

31 C40

19.281 19.290 -0.009 3493 0

A 32 C20-C36

9.986 - 16.098

A 34 C24-C44

11.802 -26.157

A 35 C10-C24

8.334 4.828 - 11.840 15955931 101.9

QC Flag Legend

Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121204-15518.b\P5B04031.D

Injection Date: 05-Dec-2012 04:02:07

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 67287

Lims Sample ID: 31

Operator ID: 4275

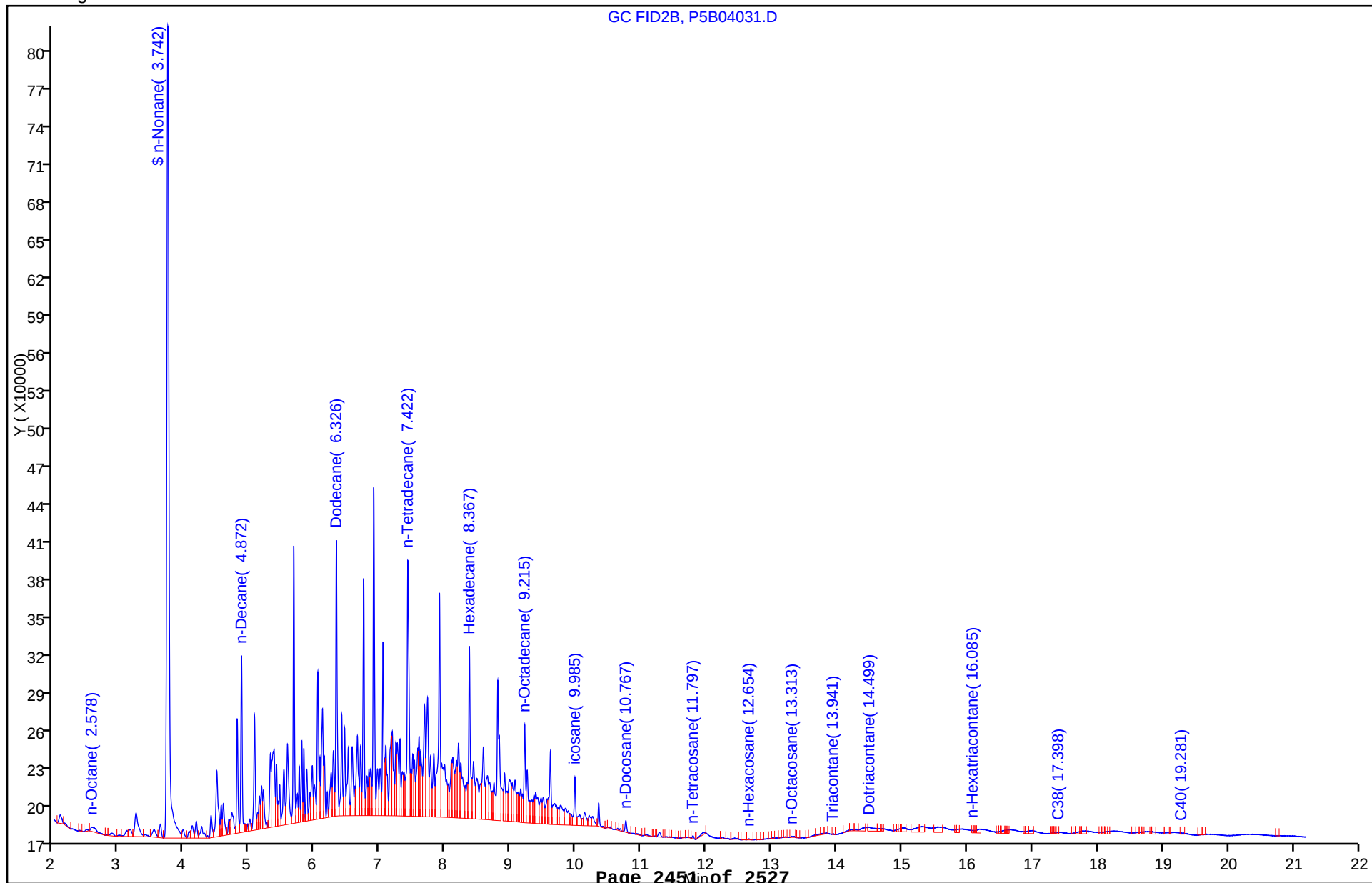
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B04031.D



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: 70SB-0017M-0001-SO MS Lab Sample ID: 240-17768-7 MS
Matrix: Solid Lab File ID: P5B28031.D
Analysis Method: 8015B Date Collected: 11/14/2012 12:15
Extraction Method: 3540C Date Extracted: 11/27/2012 09:12
Sample wt/vol: 30.21(g) Date Analyzed: 11/29/2012 03:08
Con. Extract Vol.: 5(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 66605 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	87.3		17	9.2	9.2
STL00272	C20-C34	27.8		17	9.2	9.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	69		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28031.D
 Lims ID: 240-17768-H-7-C MS Client ID:
 Inject. Date: 29-Nov-2012 03:08:37 Dil. Factor: 1.0000
 Sample Type: MS
 Sample ID: 240-0015345-031
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 81
 Lims Batch ID: 66605 Lims Sample ID: 31
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
 Last Update: 29-Nov-2012 09:30:08 Calib Date: 26-Nov-2012 16:13:35
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
 Limit Group: GC TPH DIESEL ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK022

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

1 Tetratetracontane					1
26.157					
A 2 C28-C36					
14.844 13.398 -16.290			18825048	88.4	
A 3 C10-C34					
10.021 4.867 - 15.174			130903351	835.7	
A 4 C32-C44					
20.325 14.500 -26.150			18728139	119.6	
A 5 C12-C22					
8.545 6.324 - 10.765			66906356	427.1	
A 6 C22-C32					
12.633 10.765 -14.500			18438353	117.7	
7 n-Octane					1
2.617					
\$ 8 n-Nonane					
3.748 3.736 0.012			10269248	68.8	
9 n-Decane					
4.871 4.867 0.004			277206	0	
10 Dodecane					
6.324 6.324 0.000			1613468	0	
11 n-Tetradecane					
7.420 7.420 0.000			2001868	0	
A 12 C10-C20					
7.426 4.867 - 9.984			82666133	527.7	
13 Hexadecane					
8.365 8.365 0.000			1441086	0	
A 14 C10-C28					
9.111 4.823 - 13.398			109161064	512.7	

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28031.D

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

A 15 Diesel

9.107 4.867 - 13.348 108477532 692.5

16 n-Octadecane

9.213 9.213 0.000 934120 0

A 17 C10-C32

9.683 4.867 - 14.500 123924566 791.1

18 icosane

9.983 9.984 -0.001 747109 0

19 n-Docosane

10.763 10.765 -0.002 378927 0

A 20 C12-C24

9.061 6.324 - 11.798 49701908 317.3

21 n-Tetracosane

11.796 11.798 -0.002 249604 0

A 22 C20-C34

12.598 9.984 - 15.174 26272386 167.7

23 n-Hexacosane

12.651 12.652 -0.001 324666 0

24 n-Octacosane

13.348 13.348 0.000 414495 0

25 Triacontane

13.946 13.948 -0.002 779276 0

26 Dotriacontane

14.497 14.500 -0.003 450130 0

27 Tetratriacontane

15.171 15.174 -0.003 168439 0

A 28 C24-C40

15.538 11.798 -19.278 42591598 271.9

29 n-Hexatriacontane

16.050 16.093 -0.043 56516 0

30 C38

17.375 17.393 -0.018 34257 0

31 C40

19.235 19.278 -0.043 357 0

A 32 C20-C36

13.038 9.984 - 16.093 29602336 189.0

A 34 C24-C44

18.978 11.798 -26.157 48198003 307.7

A 35 C10-C24

8.333 4.823 - 11.843 95961165 612.6

QC Flag Legend

Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28031.D

Injection Date: 29-Nov-2012 03:08:37

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 31

Operator ID: 4275

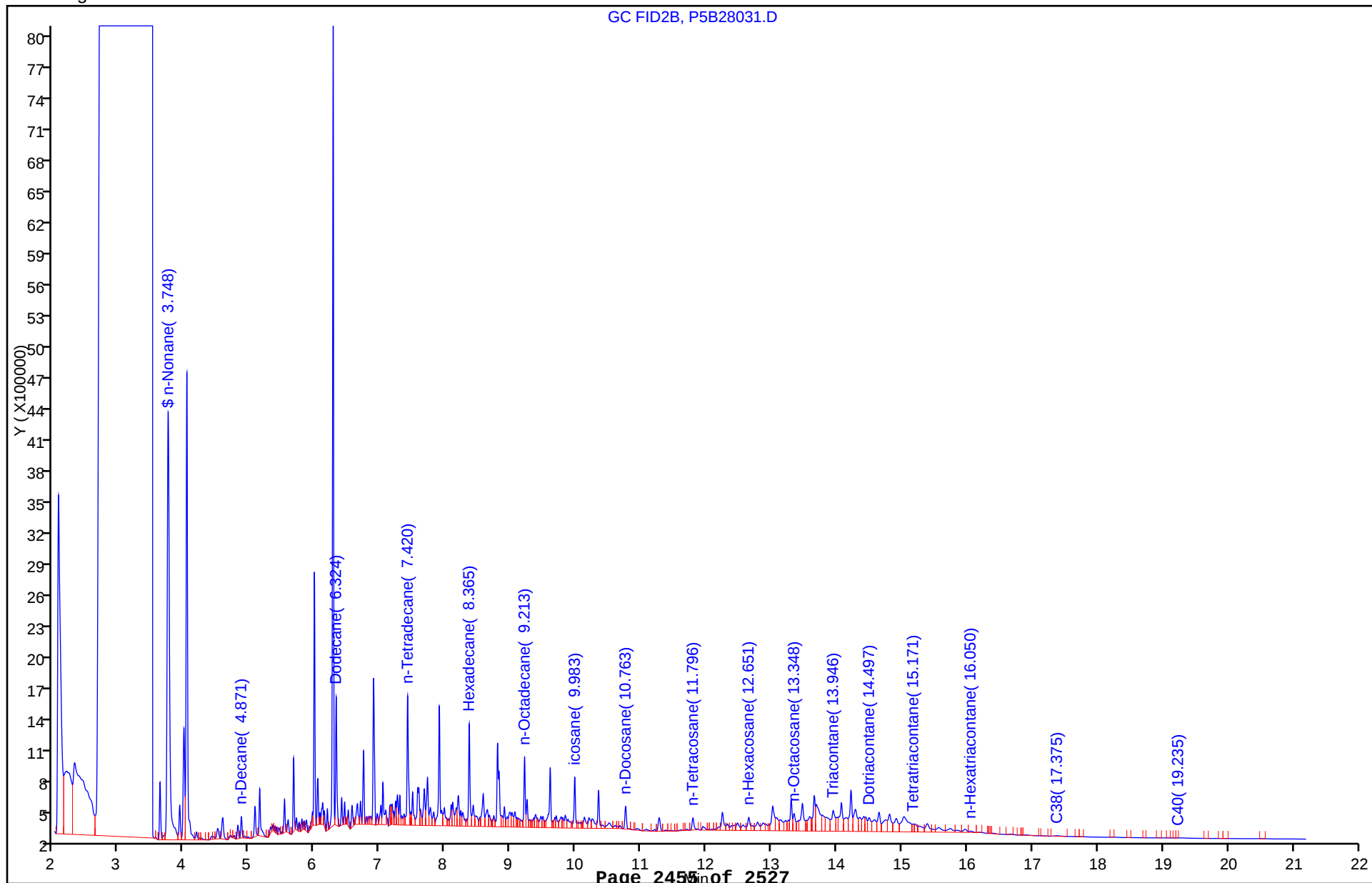
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B28031.D



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Client Sample ID: 70SB-0017M-0001-SO MSD Lab Sample ID: 240-17768-7 MSD
Matrix: Solid Lab File ID: P5B28032.D
Analysis Method: 8015B Date Collected: 11/14/2012 12:15
Extraction Method: 3540C Date Extracted: 11/27/2012 09:12
Sample wt/vol: 29.82(g) Date Analyzed: 11/29/2012 03:38
Con. Extract Vol.: 5(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: _____ ID: _____
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 66605 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00115	C10-C20	88.6		17	9.3	9.3
STL00272	C20-C34	29.8		17	9.3	9.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
111-84-2	n-Nonane	71		10-110

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28032.D
 Lims ID: 240-17768-H-7-D MSD Client ID:
 Inject. Date: 29-Nov-2012 03:38:53 Dil. Factor: 1.0000
 Sample Type: MSD
 Sample ID: 240-0015345-032
 Misc. Info.:
 Operator: 4275 Instrument ID: A2HP5R
 Injection Vol: 1.0 ul ALS Bottle#: 82
 Lims Batch ID: 66605 Lims Sample ID: 32
 Detector: GC FID2B
 Method: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\TPH5R.m
 Last Update: 29-Nov-2012 09:30:08 Calib Date: 26-Nov-2012 16:13:35
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\Ncchrom\ChromData\A2HP5R\20121126-15266.b\P5B26008.D
 Limit Group: GC TPH DIESEL ICAL
 Integrator: Falcon
 Column Type: Column Dia:
 Process Host: XAWRK022

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1 Tetratetracontane					1
26.157					
A 2 C28-C36					
14.844 13.398 -16.290			19765831	92.8	
A 3 C10-C34					
10.021 4.867 - 15.174			133669590	853.3	
A 4 C32-C44					
20.325 14.500 -26.150			19785603	126.3	
A 5 C12-C22					
8.545 6.324 - 10.765			67891836	433.4	
A 6 C22-C32					
12.633 10.765 -14.500			19615059	125.2	
7 n-Octane					1
2.617					
\$ 8 n-Nonane					
3.747 3.736 0.011			10652908	71.3	
9 n-Decane					
4.871 4.867 0.004			292337	0	
10 Dodecane					
6.325 6.324 0.001			1717490	0	
11 n-Tetradecane					
7.420 7.420 0.000			2172806	0	
A 12 C10-C20					
7.426 4.867 - 9.984			82731233	528.1	
13 Hexadecane					
8.365 8.365 0.000			1519120	0	
A 14 C10-C28					
9.111 4.823 - 13.398			110613999	519.5	

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28032.D

RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
----	-----------	-----------	----------	---------------------	-------

A 15 Diesel

9.107 4.867 - 13.348 109883763 701.5

16 n-Octadecane

9.213 9.213 0.000 966936 0

A 17 C10-C32

9.683 4.867 - 14.500 126198805 805.6

18 icosane

9.984 9.984 0.000 812517 0

19 n-Docosane

10.764 10.765 -0.001 445403 0

A 20 C12-C24

9.061 6.324 - 11.798 49871943 318.4

21 n-Tetracosane

11.796 11.798 -0.002 284246 0

A 22 C20-C34

12.600 9.984 - 15.174 27836527 177.7

23 n-Hexacosane

12.651 12.652 -0.001 211267 0

24 n-Octacosane

13.347 13.348 -0.001 347600 0

25 Triacontane

13.945 13.948 -0.003 682531 0

26 Dotriacontane

14.499 14.500 -0.001 379931 0

27 Tetratriacontane

15.170 15.174 -0.004 133491 0

A 28 C24-C40

15.538 11.798 -19.278 44943977 286.9

29 n-Hexatriacontane

16.049 16.093 -0.044 35269 0

30 C38

17.376 17.393 -0.017 7918 0

31 C40

19.285 19.278 0.007 7064 0

A 32 C20-C36

13.038 9.984 - 16.093 29905415 190.9

A 34 C24-C44

18.978 11.798 -26.157 50473032 322.2

A 35 C10-C24

8.333 4.823 - 11.843 96649072 617.0

QC Flag Legend

Processing Flags

1 - Missing Peaks

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP5R\20121128-15345.b\P5B28032.D

Injection Date: 29-Nov-2012 03:38:53

Limit Group: GC TPH DIESEL ICAL

Client ID:

Instrument ID: A2HP5R

Lims Batch ID: 66605

Lims Sample ID: 32

Operator ID: 4275

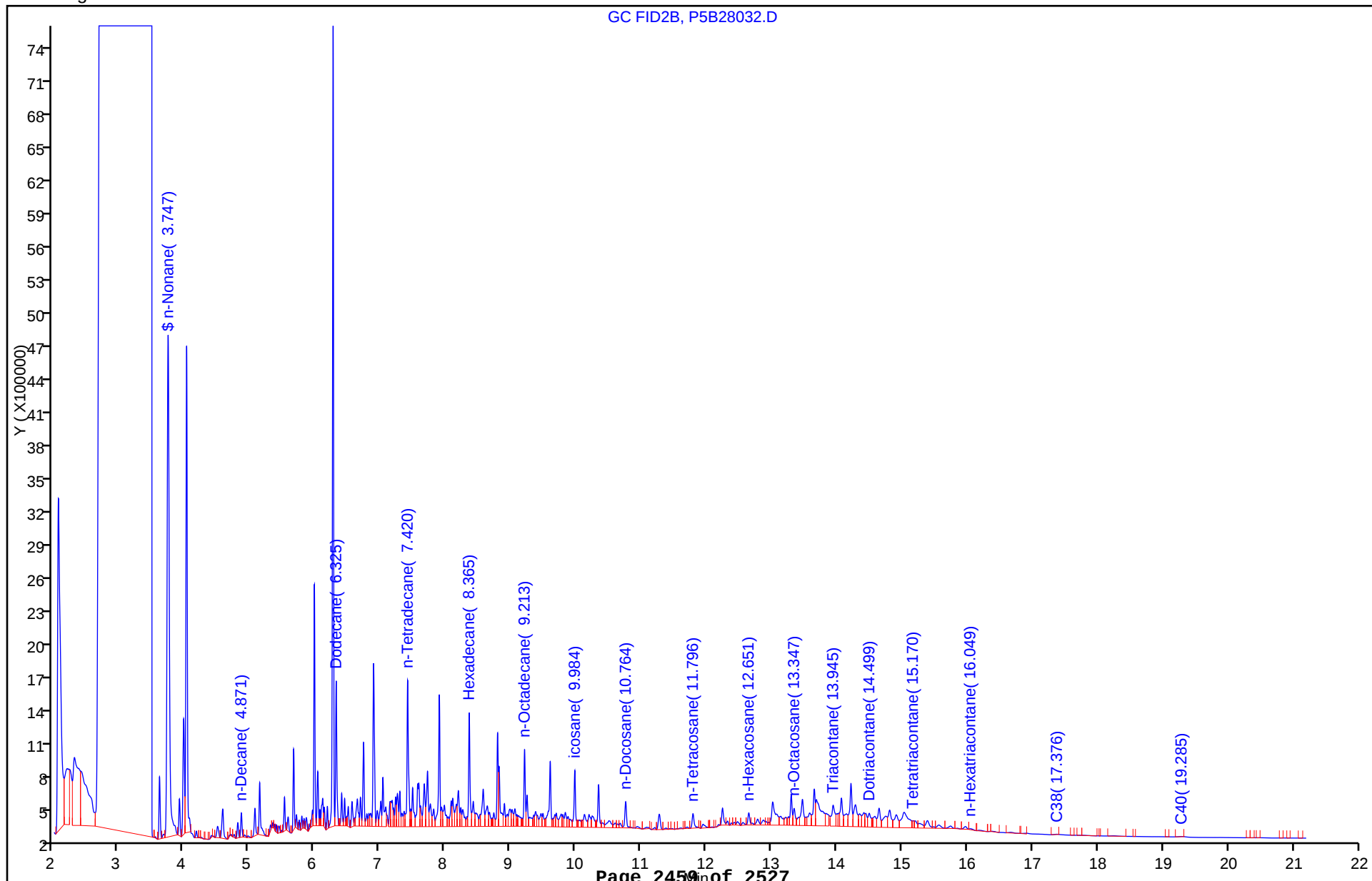
Injection Vol: 1.0 ul

Column Type:

Column Dia:

Y Scaling:

GC FID2B, P5B28032.D



DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Instrument ID: A2HP5R Start Date: 11/26/2012 14:12Analysis Batch Number: 66287 End Date: 11/26/2012 23:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD1 240-66287/4 IC		11/26/2012 14:12	1	P5B26004.D	
STD2 240-66287/5 IC		11/26/2012 14:42	1	P5B26005.D	
STD3 240-66287/6 ICRT		11/26/2012 15:12	1	P5B26006.D	
STD4 240-66287/7 IC		11/26/2012 15:43	1	P5B26007.D	
STD5 240-66287/8 IC		11/26/2012 16:13	1	P5B26008.D	
ICV 240-66287/9		11/26/2012 16:43	1	P5B26009.D	
ZZZZZ		11/26/2012 17:14	50		
ZZZZZ		11/26/2012 17:44	50		
ZZZZZ		11/26/2012 18:14	50		
CCV 240-66287/16		11/26/2012 20:15	1		
CCV 240-66287/22		11/26/2012 23:16	1		

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Instrument ID: A2HP5R Start Date: 11/28/2012 13:29Analysis Batch Number: 66605 End Date: 11/29/2012 04:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
MRL 240-66605/4		11/28/2012 13:29	1	P5B28004.D	
CCV 240-66605/5 CCVRT		11/28/2012 14:00	1	P5B28005.D	
ZZZZZ		11/28/2012 14:30	1		
ZZZZZ		11/28/2012 15:00	1		
ZZZZZ		11/28/2012 15:31	1		
ZZZZZ		11/28/2012 16:01	1		
ZZZZZ		11/28/2012 16:31	1		
ZZZZZ		11/28/2012 17:02	1		
CCV 240-66605/12		11/28/2012 17:32	1		
ZZZZZ		11/28/2012 18:02	50		
ZZZZZ		11/28/2012 18:32	50		
ZZZZZ		11/28/2012 19:03	1		
ZZZZZ		11/28/2012 19:33	1		
ZZZZZ		11/28/2012 20:03	5		
ZZZZZ		11/28/2012 20:33	1		
ZZZZZ		11/28/2012 21:04	1		
CCV 240-66605/20		11/28/2012 21:34	1	P5B28020.D	
MB 240-66394/10-A		11/28/2012 22:04	1	P5B28021.D	
LCS 240-66394/11-A		11/28/2012 22:35	1	P5B28022.D	
ZZZZZ		11/28/2012 23:05	10		
240-17768-2	70SB-0012M-0001-SO	11/28/2012 23:35	10	P5B28024.D	
ZZZZZ		11/29/2012 00:06	10		
ZZZZZ		11/29/2012 00:36	10		
240-17768-5	70SB-0015M-0001-SO	11/29/2012 01:06	1	P5B28027.D	
240-17768-6	70SB-0016M-0001-SO	11/29/2012 01:37	1	P5B28028.D	
CCV 240-66605/29		11/29/2012 02:07	1	P5B28029.D	
240-17768-7	70SB-0017M-0001-SO	11/29/2012 02:38	1	P5B28030.D	
240-17768-7 MS	70SB-0017M-0001-SO MS	11/29/2012 03:08	1	P5B28031.D	
240-17768-7 MSD	70SB-0017M-0001-SO MSD	11/29/2012 03:38	1	P5B28032.D	
CCV 240-66605/33		11/29/2012 04:09	1	P5B28033.D	
MRL 240-66605/34		11/29/2012 04:39	1	P5B28034.D	

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Instrument ID: A2HP5R Start Date: 12/03/2012 12:04Analysis Batch Number: 67061 End Date: 12/03/2012 16:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
MRL 240-67061/4		12/03/2012 12:04	1	P5B03004.D	
CCV 240-67061/5 CCVRT		12/03/2012 12:35	1	P5B03005.D	
240-17768-1	70SB-0011M-0001-SO	12/03/2012 13:36	1	P5B03006.D	
ZZZZZ		12/03/2012 14:07	10		
240-17768-4	70SB-0014M-0001-SO	12/03/2012 14:38	100	P5B03008.D	
ZZZZZ		12/03/2012 15:25	5		
CCV 240-67061/10		12/03/2012 15:55	1	P5B03010.D	
MRL 240-67061/11		12/03/2012 16:26	1	P5B03011.D	

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Instrument ID: A2HP5R Start Date: 12/04/2012 14:24Analysis Batch Number: 67287 End Date: 12/05/2012 04:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-67287/4 CCVRT		12/04/2012 14:24	1	P5B04004.D	
CCV 240-67287/10		12/04/2012 17:27	1		
ZZZZZ		12/04/2012 17:58	1		
ZZZZZ		12/04/2012 18:28	1		
ZZZZZ		12/04/2012 18:58	1		
ZZZZZ		12/04/2012 19:29	1		
ZZZZZ		12/04/2012 19:59	1		
ZZZZZ		12/04/2012 20:29	1		
ZZZZZ		12/04/2012 20:59	1		
ZZZZZ		12/04/2012 21:29	1		
ZZZZZ		12/04/2012 21:59	1		
ZZZZZ		12/04/2012 22:29	1		
CCV 240-67287/21		12/04/2012 23:00	1		
ZZZZZ		12/04/2012 23:30	1		
ZZZZZ		12/05/2012 00:00	1		
ZZZZZ		12/05/2012 00:30	1		
ZZZZZ		12/05/2012 01:01	1		
ZZZZZ		12/05/2012 01:31	1		
MRL 240-67287/27		12/05/2012 02:01	1	P5B04027.D	
CCV 240-67287/28		12/05/2012 02:31	1	P5B04028.D	
240-17768-3	70SB-0013M-0001-SO	12/05/2012 03:01	1	P5B04029.D	
CCV 240-67287/30		12/05/2012 03:31	1	P5B04030.D	
MRL 240-67287/31		12/05/2012 04:02	1	P5B04031.D	

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Batch Number: 66394 Batch Start Date: 11/27/12 13:15 Batch Analyst: Cerne, AmandaBatch Method: 3540C Batch End Date: 11/28/12 05:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXDIESELSPKW 00021	EXTPHSURR 00016		
240-17768-H-1-A	70SB-0011M-0001-SO	3540C, 8015B	T	29.71 g	5 mL		1 mL		
240-17768-H-2-A	70SB-0012M-0001-SO	3540C, 8015B	T	30.23 g	5 mL		1 mL		
240-17768-H-3-A	70SB-0013M-0001-SO	3540C, 8015B	T	30.30 g	5 mL		1 mL		
240-17768-H-4-A	70SB-0014M-0001-SO	3540C, 8015B	T	30.42 g	5 mL		1 mL		
240-17768-H-5-A	70SB-0015M-0001-SO	3540C, 8015B	T	30.24 g	5 mL		1 mL		
240-17768-H-6-A	70SB-0016M-0001-SO	3540C, 8015B	T	30.48 g	5 mL		1 mL		
240-17768-H-7-A	70SB-0017M-0001-SO	3540C, 8015B	T	29.82 g	5 mL		1 mL		
240-17768-H-7-A MS	70SB-0017M-0001-SO	3540C, 8015B	T	30.21 g	5 mL	1 mL	1 mL		
240-17768-H-7-A MSD	70SB-0017M-0001-SO	3540C, 8015B	T	29.82 g	5 mL	1 mL	1 mL		
MB 240-66394/10		3540C, 8015B		30.00 g	5 mL		1 mL		
LCS 240-66394/11		3540C, 8015B		30.00 g	5 mL	1 mL	1 mL		

Batch Notes	
Balance ID	b036
Na2SO4 Lot Number	677232
Prep Solvent Lot #	719014

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Canton Job Number: 240-17768-1
SDG No.: _____
Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
<u>076SB-0037M-0001-SO</u>	<u>240-17768-9</u>
<u>076SB-0038M-0001-SO</u>	<u>240-17768-10</u>
<u>076SB-0039M-0001-SO</u>	<u>240-17768-11</u>
<u>076SB-0040M-0001-SO</u>	<u>240-17768-12</u>
<u>076SB-0041M-0001-SO</u>	<u>240-17768-13</u>
<u>076SB-0042M-0001-SO</u>	<u>240-17768-14</u>
<u>076SB-0043M-0001-SO</u>	<u>240-17768-15</u>
<u>076SB-0030M-0001-SO</u>	<u>240-17768-17</u>
<u>076SB-0031M-0001-SO</u>	<u>240-17768-18</u>
<u>076SB-0032M-0001-SO</u>	<u>240-17768-19</u>
<u>076SB-0033M-0001-SO</u>	<u>240-17768-20</u>
<u>076SB-0034M-0001-SO</u>	<u>240-17768-21</u>
<u>076SB-0035M-0001-SO</u>	<u>240-17768-22</u>
<u>076SB-0036M-0001-SO</u>	<u>240-17768-23</u>

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0037M-0001-SO

Lab Sample ID: 240-17768-9

Lab Name: TestAmerica Canton

Job No.: 240-17768-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/14/2012 15:50

Reporting Basis: WET

Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.038	0.092	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0038M-0001-SO Lab Sample ID: 240-17768-10
Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG ID.:
Matrix: Solid Date Sampled: 11/14/2012 15:50
Reporting Basis: WET Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.022	0.094	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0039M-0001-SO

Lab Sample ID: 240-17768-11

Lab Name: TestAmerica Canton

Job No.: 240-17768-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/14/2012 15:00

Reporting Basis: WET

Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.036	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0040M-0001-SO Lab Sample ID: 240-17768-12
Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG ID.:
Matrix: Solid Date Sampled: 11/14/2012 15:20
Reporting Basis: WET Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.027	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0041M-0001-SO Lab Sample ID: 240-17768-13
Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG ID.:
Matrix: Solid Date Sampled: 11/14/2012 15:30
Reporting Basis: WET Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.039	0.087	0.029	0.012	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0042M-0001-SO Lab Sample ID: 240-17768-14
Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG ID.:
Matrix: Solid Date Sampled: 11/14/2012 15:45
Reporting Basis: WET Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.039	0.097	0.032	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0043M-0001-SO Lab Sample ID: 240-17768-15
Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG ID.:
Matrix: Solid Date Sampled: 11/14/2012 15:55
Reporting Basis: WET Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.036	0.11	0.037	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0030M-0001-SO

Lab Sample ID: 240-17768-17

Lab Name: TestAmerica Canton

Job No.: 240-17768-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/14/2012 16:15

Reporting Basis: WET

Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.037	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0031M-0001-SO Lab Sample ID: 240-17768-18
Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG ID.:
Matrix: Solid Date Sampled: 11/14/2012 16:15
Reporting Basis: WET Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.040	0.10	0.034	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0032M-0001-SO

Lab Sample ID: 240-17768-19

Lab Name: TestAmerica Canton

Job No.: 240-17768-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/14/2012 16:15

Reporting Basis: WET

Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.042	0.10	0.033	0.014	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0033M-0001-SO

Lab Sample ID: 240-17768-20

Lab Name: TestAmerica Canton

Job No.: 240-17768-1

SDG ID.:

Matrix: Solid

Date Sampled: 11/14/2012 16:45

Reporting Basis: WET

Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.041	0.11	0.037	0.016	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0034M-0001-SO Lab Sample ID: 240-17768-21
Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG ID.:
Matrix: Solid Date Sampled: 11/14/2012 17:00
Reporting Basis: WET Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.031	0.091	0.030	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0035M-0001-SO Lab Sample ID: 240-17768-22
Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG ID.:
Matrix: Solid Date Sampled: 11/14/2012 17:30
Reporting Basis: WET Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.032	0.095	0.031	0.013	mg/Kg	J		1	7471/DOD

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 076SB-0036M-0001-SO Lab Sample ID: 240-17768-23
Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG ID.:
Matrix: Solid Date Sampled: 11/14/2012 17:45
Reporting Basis: WET Date Received: 11/15/2012 08:35

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Hg	0.022	0.097	0.032	0.014	mg/Kg	J		1	7471/DOD

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

ICV Source: MTHGICVW_00439 Concentration Units: ug/L

CCV Source: MTHGCALW_00286

Analyte	ICV 240-66945/7-A 11/30/2012 13:36				CCV 240-66945/10-A 11/30/2012 14:17				CCV 240-66945/10-A 11/30/2012 14:34			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	2.46		2.50	98	4.96		5.00	99	5.04		5.00	101

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

ICV Source: MTHGICVW_00439 Concentration Units: ug/L

CCV Source: MTHGCALW_00286

Analyte	CCV 240-66945/10-A 11/30/2012 14:50				CCV 240-66945/10-A 11/30/2012 15:07							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.04		5.00	101	5.04		5.00	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Canton Job No.: 240-17768-1
SDG No.: _____
Method: 7471/DOD Instrument ID: H1
Lab Sample ID: CRA 240-66945/9-A Concentration Units: ug/L
CRQL Check Standard Source: MTHGCALW_00286

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Hg	0.200	0.235		118	

Lab Sample ID: CRA 240-66945/9-A Concentration Units: ug/L
CRQL Check Standard Source: MTHGCALW_00286

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Hg	0.200	0.220		110	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 240-66945/8-A 11/30/2012 13:37		CCB 240-66945/11-A 11/30/2012 14:19		CCB 240-66945/11-A 11/30/2012 14:35		CCB 240-66945/11-A 11/30/2012 14:52	
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 240-66945/11-A 11/30/2012 15:08							
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Concentration Units: mg/Kg Lab Sample ID: MB 240-66302/1-A

Instrument Code: H1 Batch No.: 67078

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Hg	0.033	U		7471_DOD

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 240-66302/2-A

Lab Name: TestAmerica Canton

Job No.: 240-17768-1

Sample Matrix: Solid

LCS Source: MTHGICVW_00435

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Hg	0.833	0.798		96	80	120		7471/DOD

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-17768-1
SDG Number: _____
Matrix: Solid Instrument ID: H1
Method: 7471/DOD DL Date: 02/16/2010 09:46
Prep Method: 7471A
Leach Method: Increment, Prep

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Hg	253.7	0.1	0.014

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Canton Job Number: 240-17768-1
SDG Number: _____
Matrix: Solid Instrument ID: H1
Method: 7471/DOD XMDL Date: 02/16/2010 09:47

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Hg	253.7	0.2	0.12

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Canton

Job No.: 240-17768-1

SDG No.: _____

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 240-66302/1-A	11/26/2012 14:45	66302	0.60		100
LCS 240-66302/2-A	11/26/2012 14:45	66302	0.60		100
240-17768-9	11/26/2012 14:45	66302	0.65		100
240-17768-10	11/26/2012 14:45	66302	0.64		100
240-17768-11	11/26/2012 14:45	66302	0.58		100
240-17768-12	11/26/2012 14:45	66302	0.58		100
240-17768-13	11/26/2012 14:45	66302	0.69		100
240-17768-14	11/26/2012 14:45	66302	0.62		100
240-17768-15	11/26/2012 14:45	66302	0.53		100
240-17768-17	11/26/2012 14:45	66302	0.58		100
240-17768-18	11/26/2012 14:45	66302	0.58		100
240-17768-19	11/26/2012 14:45	66302	0.60		100
240-17768-20	11/26/2012 14:45	66302	0.54		100
240-17768-21	11/26/2012 14:45	66302	0.66		100
240-17768-22	11/26/2012 14:45	66302	0.63		100
240-17768-23	11/26/2012 14:45	66302	0.62		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Instrument ID: H1 Method: 7471/DOD

Start Date: 11/30/2012 13:25 End Date: 11/30/2012 17:26

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 240-66945/1-A			13:25	X															
IC 240-66945/2-A			13:27	X															
IC 240-66945/3-A			13:28	X															
IC 240-66945/4-A			13:30	X															
IC 240-66945/5-A			13:31	X															
IC 240-66945/6-A			13:32	X															
CRA 240-66945/9-A			13:35																
ICV 240-66945/7-A	1		13:36	X															
ICB 240-66945/8-A	1		13:37	X															
CRA 240-66945/9-A	1		13:39	X															
CCV 240-66945/10-A	1		14:17	X															
CCB 240-66945/11-A	1		14:19	X															
MB 240-66302/1-A	1	T	14:20	X															
LCS 240-66302/2-A	1	T	14:22	X															
ZZZZZZ			14:23																
ZZZZZZ			14:24																
ZZZZZZ			14:26																
ZZZZZZ			14:27																
ZZZZZZ			14:28																
ZZZZZZ			14:30																
240-17768-20	1	T	14:31	X															
240-17768-11	1	T	14:32	X															
CCV 240-66945/10-A	1		14:34	X															
CCB 240-66945/11-A	1		14:35	X															
240-17768-10	1	T	14:36	X															
240-17768-12	1	T	14:38	X															
240-17768-22	1	T	14:39	X															
240-17768-19	1	T	14:40	X															
240-17768-17	1	T	14:42	X															
ZZZZZZ			14:43																
ZZZZZZ			14:45																
ZZZZZZ			14:46																
240-17768-15	1	T	14:47	X															
240-17768-14	1	T	14:49	X															
CCV 240-66945/10-A	1		14:50	X															
CCB 240-66945/11-A	1		14:52	X															
240-17768-23	1	T	14:53	X															
240-17768-9	1	T	14:54	X															
240-17768-21	1	T	14:56	X															
240-17768-13	1	T	14:57	X															
240-17768-18	1	T	14:58	X															
ZZZZZZ			15:00																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Instrument ID: H1 Method: 7471/DOD

Start Date: 11/30/2012 13:25 End Date: 11/30/2012 17:26

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
ZZZZZZ			15:02																
ZZZZZZ			15:03																
ZZZZZZ			15:04																
ZZZZZZ			15:06																
CCV 240-66945/10-A	1		15:07	X															
CCB 240-66945/11-A	1		15:08	X															
ZZZZZZ			15:10																
ZZZZZZ			15:11																
ZZZZZZ			15:13																
ZZZZZZ			15:14																
ZZZZZZ			15:15																
ZZZZZZ			15:17																
ZZZZZZ			15:18																
ZZZZZZ			15:19																
ZZZZZZ			15:20																
ZZZZZZ			15:22																
CCV 240-66945/10-A			15:23																
CCB 240-66945/11-A			15:24																
ZZZZZZ			15:26																
ZZZZZZ			15:27																
ZZZZZZ			15:29																
ZZZZZZ			15:30																
CCV 240-66945/10-A			15:32																
CCB 240-66945/11-A			15:33																
CCV 240-66945/10-A			15:35																
CCB 240-66945/11-A			15:36																
ZZZZZZ			15:38																
ZZZZZZ			15:39																
ZZZZZZ			15:40																
ZZZZZZ			15:42																
ZZZZZZ			15:43																
ZZZZZZ			15:44																
ZZZZZZ			15:46																
ZZZZZZ			15:47																
ZZZZZZ			15:48																
ZZZZZZ			15:50																
CCV 240-66945/10-A			15:51																
CCB 240-66945/11-A			15:53																
ZZZZZZ			15:54																
ZZZZZZ			15:55																
ZZZZZZ			15:57																
ZZZZZZ			15:58																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Instrument ID: H1 Method: 7471/DOD

Start Date: 11/30/2012 13:25 End Date: 11/30/2012 17:26

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
ZZZZZZ			15:59																
ZZZZZZ			16:01																
ZZZZZZ			16:02																
ZZZZZZ			16:04																
ZZZZZZ			16:05																
ZZZZZZ			16:06																
CCV 240-66945/10-A			16:08																
CCB 240-66945/11-A			16:09																
ZZZZZZ			16:11																
ZZZZZZ			16:12																
ZZZZZZ			16:13																
ZZZZZZ			16:15																
ZZZZZZ			16:16																
ZZZZZZ			16:17																
ZZZZZZ			16:19																
ZZZZZZ			16:20																
ZZZZZZ			16:22																
ZZZZZZ			16:23																
CCV 240-66945/10-A			16:25																
CCB 240-66945/11-A			16:26																
ZZZZZZ			16:28																
ZZZZZZ			16:29																
ZZZZZZ			16:30																
ZZZZZZ			16:32																
ZZZZZZ			16:33																
ZZZZZZ			16:34																
ZZZZZZ			16:36																
ZZZZZZ			16:37																
ZZZZZZ			16:39																
ZZZZZZ			16:40																
CCV 240-66945/10-A			16:41																
CCB 240-66945/11-A			16:43																
ZZZZZZ			16:44																
ZZZZZZ			16:45																
ZZZZZZ			16:47																
ZZZZZZ			16:48																
ZZZZZZ			16:50																
ZZZZZZ			16:51																
ZZZZZZ			16:53																
ZZZZZZ			16:54																
ZZZZZZ			16:55																
ZZZZZZ			16:57																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Instrument ID: H1 Method: 7471/DOD

Start Date: 11/30/2012 13:25 End Date: 11/30/2012 17:26

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				H g																	
CCV 240-66945/10-A			16:58																		
CCB 240-66945/11-A			17:00																		
ZZZZZZ			17:01																		
ZZZZZZ			17:02																		
ZZZZZZ			17:04																		
ZZZZZZ			17:06																		
ZZZZZZ			17:07																		
ZZZZZZ			17:09																		
ZZZZZZ			17:10																		
ZZZZZZ			17:12																		
ZZZZZZ			17:13																		
ZZZZZZ			17:14																		
CCV 240-66945/10-A			17:16																		
CCB 240-66945/11-A			17:17																		
ZZZZZZ			17:18																		
ZZZZZZ			17:20																		
ZZZZZZ			17:21																		
CRA 240-66945/9-A	1		17:23	X																	
CCV 240-66945/10-A			17:24																		
CCB 240-66945/11-A			17:26																		

Prep Types

T = Total/NA

TestAmerica North Canton Hg Data Review Checklist

Run/Project Information:

Circle Methods used: 7470A / 245.1: 7471:

Run Date: 11/30/12 Analyst: DSH Instrument: H1

Review Items

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits?	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRA run?	✓			✓
B. Sample Results				
1. Were samples with concentrations > high calibration standard diluted and reanalyzed?	✓			✓
2. All reported results bracketed by in control QC?	✓			✓
3. Sample analyses done within holding time?	✓			✓
C. Preparation/ Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
D. Other				
1. Are all nonconformances documented appropriately?			✓	✓
2. Current IDL/MDL data on file?	✓			✓
3. Calculations and Transcription checked for error?	✓			✓
4. All client/project specific requirements met?	✓			✓
5. Date of analysis verified as correct?	✓			✓

Level I

Analyst: [Signature] Date/Time: 12/3/12 Reviewed from 13:25 to 17:26
 Analyst: _____ Date/Time: _____ Reviewed from _____ to _____

Comments: Batch # 67078 DOD LCG

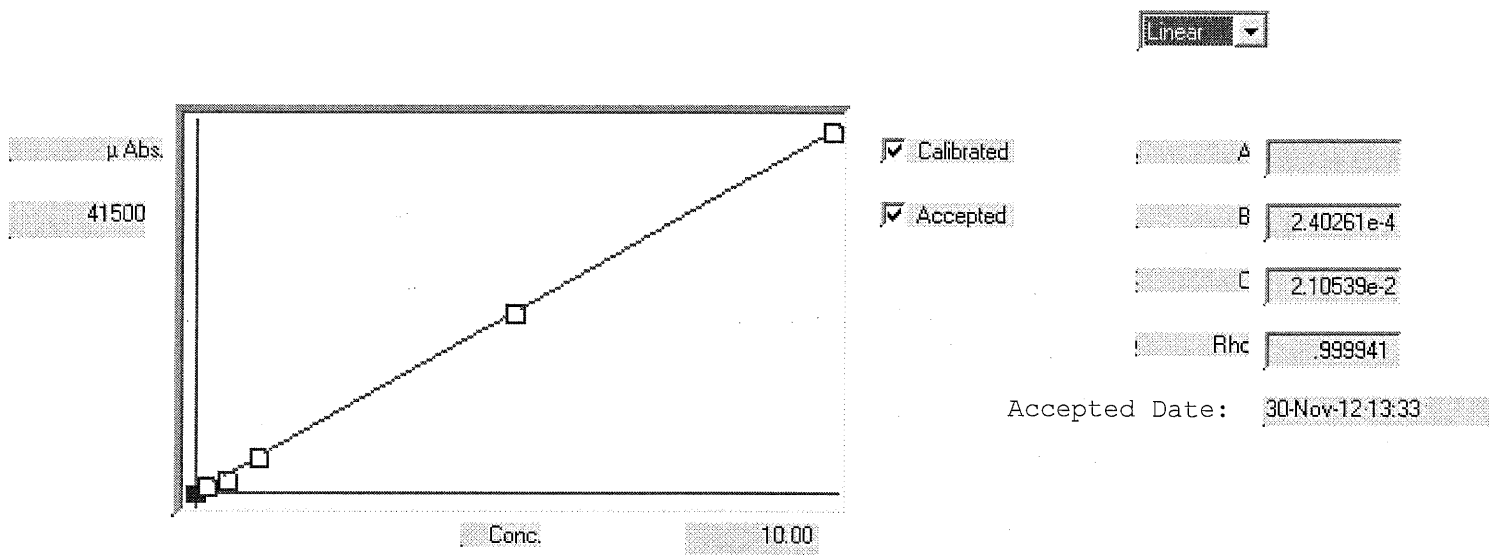
Level II

Reviewer: [Signature] Date/Time: 12/3/2012 Reviewed from 13:25 to 17:26
 Reviewer: _____ Date/Time: _____ Reviewed from _____ to _____

Comments: _____

Curve Date 11/30/12 Curve Time 9:37 - 10:07A DILUTION H2O 00012
 Revised 11/29/2012

Protocol: 1130AHG1



S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
01	.00000	.0309	.0309	42	0	41				
02	.20000	.2157	.0157	811	0%	810				
03	.50000	.4163	-.0837	1645	0%	1645				
04	1.0000	1.029	.0289	4196	0%	4195				
05	5.0000	5.016	.0163	20791	0%	20791				
06	10.000	9.992	-.0081	41500	0%	41500				
07										
08										
09										
10										

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1				Seq: 1		13:25:32	30 Nov 12	HG
Hg	.0000	ppb	41					
*** Standard: 2 Rep: 1				Seq: 2		13:27:01	30 Nov 12	HG
Hg	.2000	ppb	810					
*** Standard: 3 Rep: 1				Seq: 3		13:28:21	30 Nov 12	HG
Hg	.5000	ppb	1645					
*** Standard: 4 Rep: 1				Seq: 4		13:30:11	30 Nov 12	HG
Hg	1.000	ppb	4195					
*** Standard: 5 Rep: 1				Seq: 5		13:31:32	30 Nov 12	HG
Hg	5.000	ppb	20791					
*** Standard: 6 Rep: 1				Seq: 6		13:32:59	30 Nov 12	HG
Hg	10.00	ppb	41500					
*** Check Standard: 4 Ck4CRA\MRL				Seq: 7		13:35:00	30 Nov 12	HG
Line Flag %Rcv. Found True Units						SD/RSD		
Hg		118.4	.2368	.2000	ppb	.0000		
*** Check Standard: 2 Ck2ICV				Seq: 8		13:36:31	30 Nov 12	HG
Line Flag %Rcv. Found True Units						SD/RSD		
Hg		98.42	2.460	2.500	ppb	.0000		
*** Check Standard: 3 Ck3ICB				Seq: 9		13:37:59	30 Nov 12	HG
Line Flag %Rcv. Found True Units						SD/RSD		
Hg		^^^^^	.0244	.0000	ppb	.0000		
*** Check Standard: 4 Ck4CRA\MRL				Seq: 10		13:39:38	30 Nov 12	HG
Line Flag %Rcv. Found True Units						SD/RSD		
Hg		117.6	.2351	.2000	ppb	.0000		
*** Check Standard: 6 Ck6CCV				Seq: 11		14:17:59	30 Nov 12	HG
Line Flag %Rcv. Found True Units						SD/RSD		
Hg		99.25	4.963	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB				Seq: 12		14:19:32	30 Nov 12	HG
Line Flag Found Range(+/-) Units						SD/RSD		
Hg		.0105	.2000	ppb		.0000		
*** Sample ID:				Seq: 13		14:20:57	30 Nov 12	HG
			MB 240-66302/1-A					
Hg	.0287	ppb	.0000	.0287				
*** Sample ID:				Seq: 14		14:22:12	30 Nov 12	HG
			LCS 240-66302/2-A					
Hg	4.785	ppb	.0000	4.785				
*** Sample ID:				Seq: 15		14:23:33	30 Nov 12	HG
			240-16580-A-17-B					
Hg	.2125	ppb	.0000	.2125				
*** Sample ID:				Seq: 16		14:24:50	30 Nov 12	HG
			240-16945-A-6-B					
Hg	.2149	ppb	.0000	.2149				

*Run out
 of order
 return below
 12/3/12 DSH*

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 17 14:26:05 30 Nov 12 HG								
				240-17467-L-2-D				
Hg	1.859	ppb	.0000	1.859				
*** Sample ID: Seq: 18 14:27:33 30 Nov 12 HG								
				240-17467-L-2-E DU				
Hg	1.923	ppb	.0000	1.923				
*** Sample ID: Seq: 19 14:28:50 30 Nov 12 HG								
				240-17467-L-2-F MS				
Hg	2.463	ppb	.0000	2.463				
*** Sample ID: Seq: 20 14:30:05 30 Nov 12 HG								
				240-17467-B-7-A@5				
Hg	4.990	ppb	.0000	4.990				
*** Sample ID: Seq: 21 14:31:34 30 Nov 12 HG								
				240-17768-E-20-C				
Hg	.2234	ppb	.0000	.2234				
*** Sample ID: Seq: 22 14:32:53 30 Nov 12 HG								
				240-17768-E-11-C				
Hg	.2101	ppb	.0000	.2101				
*** Check Standard: 6 Ck6CCV Seq: 23 14:34:10 30 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.7	5.035	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 24 14:35:35 30 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0167	.2000	ppb	.0000			
*** Sample ID: Seq: 25 14:36:56 30 Nov 12 HG								
				240-17768-E-10-C				
Hg	.1433	ppb	.0000	.1433				
*** Sample ID: Seq: 26 14:38:12 30 Nov 12 HG								
				240-17768-E-12-C				
Hg	.1580	ppb	.0000	.1580				
*** Sample ID: Seq: 27 14:39:32 30 Nov 12 HG								
				240-17768-E-22-C				
Hg	.2029	ppb	.0000	.2029				
*** Sample ID: Seq: 28 14:40:58 30 Nov 12 HG								
				240-17768-E-19-C				
Hg	.2510	ppb	.0000	.2510				
*** Sample ID: Seq: 29 14:42:15 30 Nov 12 HG								
				240-17768-E-17-C				
Hg	.2140	ppb	.0000	.2140				
*** Sample ID: Seq: 30 14:43:42 30 Nov 12 HG								
				240-17768-E-15-C				
Hg	.1873	ppb	.0000	.1873				
*** Sample ID: Seq: 31 14:45:01 30 Nov 12 HG								
				240-17467-E-4-E				
Hg	3.917	ppb	.0000	3.917				
*** Sample ID: Seq: 32 14:46:17 30 Nov 12 HG								
				240-17669-B-8-D				
Hg	.0227	ppb	.0000	.0227				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 33 14:47:53 30 Nov 12 HG								
					240-17768-E-15-C			
Hg	.1916	ppb	.0000	.1916				
*** Sample ID: Seq: 34 14:49:14 30 Nov 12 HG								
					240-17768-E-14-C			
Hg	.2419	ppb	.0000	.2419				
*** Check Standard: 6 Ck6CCV Seq: 35 14:50:40 30 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.7	5.035	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 36 14:52:07 30 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0458	.2000	ppb	.0000			
*** Sample ID: Seq: 37 14:53:24 30 Nov 12 HG								
					240-17768-E-23-C			
Hg	.1383	ppb	.0000	.1383				
*** Sample ID: Seq: 38 14:54:51 30 Nov 12 HG								
					240-17768-E-9-C			
Hg	.2443	ppb	.0000	.2443				
*** Sample ID: Seq: 39 14:56:09 30 Nov 12 HG								
					240-17768-E-21-C			
Hg	.2056	ppb	.0000	.2056				
*** Sample ID: Seq: 40 14:57:26 30 Nov 12 HG								
					240-17768-E-13-C			
Hg	.2709	ppb	.0000	.2709				
*** Sample ID: Seq: 41 14:58:42 30 Nov 12 HG								
					240-17768-E-18-C			
Hg	.2318	ppb	.0000	.2318				
*** Sample ID: Seq: 42 15:00:38 30 Nov 12 HG								
					MB 240-65780/1-A			
Hg	.0474	ppb	.0000	-.0474				
*** Sample ID: Seq: 43 15:02:13 30 Nov 12 HG								
					LCS 240-65780/2-A			
Hg	4.236	ppb	.0000	4.236				
*** Sample ID: Seq: 44 15:03:42 30 Nov 12 HG								
					240-17525-A-1-O			
Hg	.1554	ppb	.0000	.1554				
*** Sample ID: Seq: 45 15:04:59 30 Nov 12 HG								
					240-17525-A-1-P DU			
Hg	.2849	ppb	.0000	.2849				
*** Sample ID: Seq: 46 15:06:25 30 Nov 12 HG								
					240-17525-A-1-Q MS			
Hg	1.152	ppb	.0000	1.152				
*** Check Standard: 6 Ck6CCV Seq: 47 15:07:41 30 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.7	5.036	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 48 15:08:56 30 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0158	.2000	ppb	.0000			

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 49		15:10:23	30 Nov 12	HG
				240-17525-A-6-F				
Hg	.2495	ppb	.0000	.2495				
*** Sample ID:				Seq: 50		15:11:42	30 Nov 12	HG
				240-17602-A-2-D				
Hg	.1318	ppb	.0000	.1318				
*** Sample ID:				Seq: 51		15:13:02	30 Nov 12	HG
				240-17525-A-5-O				
Hg	.2700	ppb	.0000	.2700				
*** Sample ID:				Seq: 52		15:14:18	30 Nov 12	HG
				240-17525-A-5-P DU				
Hg	.2123	ppb	.0000	.2123				
*** Sample ID:				Seq: 53		15:15:35	30 Nov 12	HG
				240-17525-A-5-Q MS				
Hg	1.079	ppb	.0000	1.079				
*** Sample ID:				Seq: 54		15:17:03	30 Nov 12	HG
				240-17602-A-5-D				
Hg	.1534	ppb	.0000	.1534				
*** Sample ID:				Seq: 55		15:18:20	30 Nov 12	HG
				240-17602-A-6-D				
Hg	.1686	ppb	.0000	.1686				
*** Sample ID:				Seq: 56		15:19:38	30 Nov 12	HG
				240-17602-A-10-D				
Hg	.0763	ppb	.0000	.0763				
*** Sample ID:				Seq: 57		15:20:55	30 Nov 12	HG
				240-17602-A-4-D				
Hg	.1390	ppb	.0000	.1390				
*** Sample ID:				Seq: 58		15:22:16	30 Nov 12	HG
				240-17525-A-2-I				
Hg	.6522	ppb	.0000	.6522				
*** Check Standard: 6	Ck6CCV			Seq: 59		15:23:38	30 Nov 12	HG
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		99.99	4.999	5.000	ppb	.0000		
*** Check Standard: 1	Ck1CCB			Seq: 60		15:24:54	30 Nov 12	HG
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0189	.2000	ppb	.0000			
*** Sample ID:				Seq: 61		15:26:10	30 Nov 12	HG
				240-17602-A-1-D				
Hg	.1902	ppb	.0000	.1902				
*** Sample ID:				Seq: 62		15:27:38	30 Nov 12	HG
				240-17602-A-8-D				
Hg	.1525	ppb	.0000	.1525				
*** Sample ID:				Seq: 63		15:29:08	30 Nov 12	HG
				240-17602-A-7-D				
Hg	.1527	ppb	.0000	.1527				
*** Sample ID:				Seq: 64		15:30:44	30 Nov 12	HG
				240-17525-A-3-D				
Hg	.2861	ppb	.0000	.2861				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 6 Ck6CCV Seq: 65 15:32:01 30 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.7	5.034	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 66 15:33:16 30 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0023	.2000	ppb	.0000			
*** Check Standard: 6 Ck6CCV Seq: 67 15:35:28 30 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.6	5.032	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 68 15:36:46 30 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0152	.2000	ppb	.0000			
*** Sample ID: Seq: 69 15:38:12 30 Nov 12 HG								
			240-17525-A-4-D					
Hg	.7409	ppb	.0000	.7409				
*** Sample ID: Seq: 70 15:39:33 30 Nov 12 HG								
			240-17602-A-9-D					
Hg	.1176	ppb	.0000	.1176				
*** Sample ID: Seq: 71 15:40:48 30 Nov 12 HG								
			240-17602-A-3-D					
Hg	.1578	ppb	.0000	.1578				
*** Sample ID: Seq: 72 15:42:03 30 Nov 12 HG								
			MB 240-65940/1-A					
Hg	.0320	ppb	.0000	-.0320				
*** Sample ID: Seq: 73 15:43:20 30 Nov 12 HG								
			LCS 240-65940/2-A					
Hg	5.094	ppb	.0000	5.094				
*** Sample ID: Seq: 74 15:44:36 30 Nov 12 HG								
			240-17602-E-11-F					
Hg	.0223	ppb	.0000	.0223				
*** Sample ID: Seq: 75 15:46:12 30 Nov 12 HG								
			240-17602-E-11-G DU					
Hg	.1277	ppb	.0000	.1277				
*** Sample ID: Seq: 76 15:47:28 30 Nov 12 HG								
			240-17602-E-11-H MS					
Hg	.9698	ppb	.0000	.9698				
*** Sample ID: Seq: 77 15:48:48 30 Nov 12 HG								
			240-17602-E-20-C					
Hg	.0155	ppb	.0000	.0155				
*** Sample ID: Seq: 78 15:50:09 30 Nov 12 HG								
			240-17602-E-16-D					
Hg	.2159	ppb	.0000	.2159				
*** Check Standard: 6 Ck6CCV Seq: 79 15:51:49 30 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.2	5.008	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 80 15:53:07 30 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0347	.2000	ppb	.0000			

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 81 15:54:37 30 Nov 12 HG								
Hg	.1902	ppb	.0000	.1902	240-17602-E-12-D			
*** Sample ID: Seq: 82 15:55:54 30 Nov 12 HG								
Hg	.0295	ppb	.0000	.0295	240-17602-E-22-C			
*** Sample ID: Seq: 83 15:57:14 30 Nov 12 HG								
Hg	.1681	ppb	.0000	.1681	240-17602-E-21-C			
*** Sample ID: Seq: 84 15:58:30 30 Nov 12 HG								
Hg	.0172	ppb	.0000	.0172	240-17602-E-18-D			
*** Sample ID: Seq: 85 15:59:59 30 Nov 12 HG								
Hg	.1611	ppb	.0000	.1611	240-17669-B-3-D			
*** Sample ID: Seq: 86 16:01:24 30 Nov 12 HG								
Hg	.0235	ppb	.0000	.0235	240-17669-B-7-C			
*** Sample ID: Seq: 87 16:02:40 30 Nov 12 HG								
Hg	.1655	ppb	.0000	.1655	240-17602-E-17-D			
*** Sample ID: Seq: 88 16:04:00 30 Nov 12 HG								
Hg	.0391	ppb	.0000	.0391	240-17602-E-19-F			
*** Sample ID: Seq: 89 16:05:19 30 Nov 12 HG								
Hg	.2041	ppb	.0000	.2041	240-17669-B-6-D			
*** Sample ID: Seq: 90 16:06:40 30 Nov 12 HG								
Hg	.1304	ppb	.0000	.1304	240-17669-B-2-D			
*** Check Standard: 6 Ck6CCV Seq: 91 16:08:00 30 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		99.51	4.975	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 92 16:09:20 30 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0116	.2000	ppb	.0000			
*** Sample ID: Seq: 93 16:11:00 30 Nov 12 HG								
Hg	.1630	ppb	.0000	.1630	240-17602-E-14-D			
*** Sample ID: Seq: 94 16:12:19 30 Nov 12 HG								
Hg	.2137	ppb	.0000	.2137	240-17669-B-4-D			
*** Sample ID: Seq: 95 16:13:48 30 Nov 12 HG								
Hg	.1616	ppb	.0000	.1616	240-17602-E-13-D			
*** Sample ID: Seq: 96 16:15:23 30 Nov 12 HG								
Hg	.1866	ppb	.0000	.1866	240-17669-B-5-D			

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 97 16:16:40 30 Nov 12 HG								
					240-17669-B-1-D			
Hg	.1554	ppb	.0000	.1554				
*** Sample ID: Seq: 98 16:17:58 30 Nov 12 HG								
					MB 240-66416/1-A			
Hg	.0066	ppb	.0000	.0066				
*** Sample ID: Seq: 99 16:19:14 30 Nov 12 HG								
					LCS 240-66416/2-A			
Hg	4.608	ppb	.0000	4.608				
*** Sample ID: Seq: 100 16:20:52 30 Nov 12 HG								
					240-17796-E-1-F			
Hg	.1993	ppb	.0000	.1993				
*** Sample ID: Seq: 101 16:22:11 30 Nov 12 HG								
					240-17796-E-1-G DU			
Hg	.2339	ppb	.0000	.2339				
*** Sample ID: Seq: 102 16:23:49 30 Nov 12 HG								
					240-17796-E-1-H MS			
Hg	1.183	ppb	.0000	1.183				
*** Check Standard: 6 Ck6CCV Seq: 103 16:25:16 30 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		100.4	5.018	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 104 16:26:43 30 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0254	.2000	ppb	.0000			
*** Sample ID: Seq: 105 16:28:00 30 Nov 12 HG								
					240-17796-E-24-D			
Hg	.1755	ppb	.0000	.1755				
*** Sample ID: Seq: 106 16:29:20 30 Nov 12 HG								
					240-17796-B-10-E			
Hg	.2834	ppb	.0000	.2834				
*** Sample ID: Seq: 107 16:30:52 30 Nov 12 HG								
					240-17796-E-8-D			
Hg	.2306	ppb	.0000	.2306				
*** Sample ID: Seq: 108 16:32:12 30 Nov 12 HG								
					240-17796-B-15-E			
Hg	.0881	ppb	.0000	.0881				
*** Sample ID: Seq: 109 16:33:33 30 Nov 12 HG								
					240-17796-B-11-E			
Hg	.1027	ppb	.0000	.1027				
*** Sample ID: Seq: 110 16:34:59 30 Nov 12 HG								
					240-17796-B-12-E			
Hg	.1044	ppb	.0000	.1044				
*** Sample ID: Seq: 111 16:36:18 30 Nov 12 HG								
					240-17796-B-14-E			
Hg	.1366	ppb	.0000	.1366				
*** Sample ID: Seq: 112 16:37:35 30 Nov 12 HG								
					240-17796-E-4-D			
Hg	.1890	ppb	.0000	.1890				

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: Seq: 113 16:39:04 30 Nov 12 HG								
				240-17796-E-23-D				
Hg	.1044	ppb	.0000	.1044				
*** Sample ID: Seq: 114 16:40:20 30 Nov 12 HG								
				240-17796-B-13-E				
Hg	.1373	ppb	.0000	.1373				
*** Check Standard: 6 Ck6CCV Seq: 115 16:41:37 30 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		99.99	4.999	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 116 16:43:03 30 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0059	.2000	ppb	.0000			
*** Sample ID: Seq: 117 16:44:28 30 Nov 12 HG								
				240-17796-E-6-D				
Hg	.2623	ppb	.0000	.2623				
*** Sample ID: Seq: 118 16:45:49 30 Nov 12 HG								
				240-17796-B-16-G				
Hg	.1133	ppb	.0000	.1133				
*** Sample ID: Seq: 119 16:47:18 30 Nov 12 HG								
				240-17796-E-7-D				
Hg	.1568	ppb	.0000	.1568				
*** Sample ID: Seq: 120 16:48:47 30 Nov 12 HG								
				240-17796-E-5-D				
Hg	.1751	ppb	.0000	.1751				
*** Sample ID: Seq: 121 16:50:24 30 Nov 12 HG								
				240-17796-E-25-F				
Hg	.1417	ppb	.0000	.1417				
*** Sample ID: Seq: 122 16:51:52 30 Nov 12 HG								
				240-17796-B-2-D				
Hg	.2140	ppb	.0000	.2140				
*** Sample ID: Seq: 123 16:53:09 30 Nov 12 HG								
				240-17796-E-22-D				
Hg	.1599	ppb	.0000	.1599				
*** Sample ID: Seq: 124 16:54:29 30 Nov 12 HG								
				240-17796-B-9-E				
Hg	.1633	ppb	.0000	.1633				
*** Sample ID: Seq: 125 16:55:46 30 Nov 12 HG								
				240-17796-E-3-D				
Hg	.1688	ppb	.0000	.1688				
*** Sample ID: Seq: 126 16:57:06 30 Nov 12 HG								
				MB 240-66624/1-A				
Hg	.0420	ppb	.0000	.0420				
*** Check Standard: 6 Ck6CCV Seq: 127 16:58:47 30 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		98.81	4.940	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 128 17:00:03 30 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.0020	.2000	ppb	.0000			

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 129	17:01:23	30 Nov 12	HG	
				LCS 240-66624/2-A				
Hg	4.252	ppb	.0000	4.252				
*** Sample ID:				Seq: 130	17:02:44	30 Nov 12	HG	
				240-17796-E-26-F				
Hg	.1193	ppb	.0000	.1193				
*** Sample ID:				Seq: 131	17:04:31	30 Nov 12	HG	
				240-17796-E-26-G DU				
Hg	.1474	ppb	.0000	.1474				
*** Sample ID:				Seq: 132	17:06:01	30 Nov 12	HG	
				240-17796-E-26-H MS				
Hg	.9871	ppb	.0000	.9871				
*** Sample ID:				Seq: 133	17:07:37	30 Nov 12	HG	
				240-17796-E-27-D				
Hg	.1662	ppb	.0000	.1662				
*** Sample ID:				Seq: 134	17:09:00	30 Nov 12	HG	
				240-17796-B-28-D				
Hg	.2685	ppb	.0000	.2685				
*** Sample ID:				Seq: 135	17:10:16	30 Nov 12	HG	
				240-17810-E-1-D				
Hg	.0951	ppb	.0000	.0951				
*** Sample ID:				Seq: 136	17:12:03	30 Nov 12	HG	
				240-17810-E-2-D				
Hg	.1580	ppb	.0000	.1580				
*** Sample ID:				Seq: 137	17:13:20	30 Nov 12	HG	
				240-17810-E-3-D				
Hg	.1582	ppb	.0000	.1582				
*** Sample ID:				Seq: 138	17:14:38	30 Nov 12	HG	
				240-17810-E-4-D				
Hg	.1215	ppb	.0000	.1215				
*** Check Standard: 6	Ck6CCV			Seq: 139	17:16:17	30 Nov 12	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		98.88	4.944	5.000	ppb	.0000		
*** Check Standard: 1	Ck1CCB			Seq: 140	17:17:33	30 Nov 12	HG	
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0028	.2000	ppb	.0000			
*** Sample ID:				Seq: 141	17:18:51	30 Nov 12	HG	
				240-17810-E-5-D				
Hg	.2140	ppb	.0000	.2140				
*** Sample ID:				Seq: 142	17:20:13	30 Nov 12	HG	
				240-17810-E-6-D				
Hg	.1570	ppb	.0000	.1570				
*** Sample ID:				Seq: 143	17:21:44	30 Nov 12	HG	
				240-17810-E-7-F				
Hg	.1438	ppb	.0000	.1438				
*** Sample ID:				Seq: 144	17:23:22	30 Nov 12	HG	
				CRA				
Hg	.2202	ppb	.0000	.2202				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 6 Ck6CCV Seq: 145 17:24:53 30 Nov 12 HG								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		98.51	4.925	5.000	ppb	.0000		
*** Check Standard: 1 Ck1CCB Seq: 146 17:26:31 30 Nov 12 HG								
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.0215	.2000	ppb	.0000			

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Batch Number: 66302 Batch Start Date: 11/26/12 14:45 Batch Analyst: Elshaw, DaleBatch Method: 7471A Batch End Date: 11/26/12 15:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00397	MTHGICVW 00435	MTKMnO4Liq 00006	
MB 240-66302/1		7471A, 7471/DOD		0.60 g	100 mL	5 mL		15 mL	
LCS 240-66302/2		7471A, 7471/DOD		0.60 g	100 mL	5 mL	1 mL	15 mL	
240-17768-E-9-A	076SB-0037M-0001 -SO	7471A, 7471/DOD	T	0.65 g	100 mL	5 mL		15 mL	
240-17768-E-10-A	076SB-0038M-0001 -SO	7471A, 7471/DOD	T	0.64 g	100 mL	5 mL		15 mL	
240-17768-E-11-A	076SB-0039M-0001 -SO	7471A, 7471/DOD	T	0.58 g	100 mL	5 mL		15 mL	
240-17768-E-12-A	076SB-0040M-0001 -SO	7471A, 7471/DOD	T	0.58 g	100 mL	5 mL		15 mL	
240-17768-E-13-A	076SB-0041M-0001 -SO	7471A, 7471/DOD	T	0.69 g	100 mL	5 mL		15 mL	
240-17768-E-14-A	076SB-0042M-0001 -SO	7471A, 7471/DOD	T	0.62 g	100 mL	5 mL		15 mL	
240-17768-E-15-A	076SB-0043M-0001 -SO	7471A, 7471/DOD	T	0.53 g	100 mL	5 mL		15 mL	
240-17768-E-17-A	076SB-0030M-0001 -SO	7471A, 7471/DOD	T	0.58 g	100 mL	5 mL		15 mL	
240-17768-E-18-A	076SB-0031M-0001 -SO	7471A, 7471/DOD	T	0.58 g	100 mL	5 mL		15 mL	
240-17768-E-19-A	076SB-0032M-0001 -SO	7471A, 7471/DOD	T	0.60 g	100 mL	5 mL		15 mL	
240-17768-E-20-A	076SB-0033M-0001 -SO	7471A, 7471/DOD	T	0.54 g	100 mL	5 mL		15 mL	
240-17768-E-21-A	076SB-0034M-0001 -SO	7471A, 7471/DOD	T	0.66 g	100 mL	5 mL		15 mL	
240-17768-E-22-A	076SB-0035M-0001 -SO	7471A, 7471/DOD	T	0.63 g	100 mL	5 mL		15 mL	
240-17768-E-23-A	076SB-0036M-0001 -SO	7471A, 7471/DOD	T	0.62 g	100 mL	5 mL		15 mL	

Batch Notes	
Balance ID	b039
Pipette ID	432085-383364-383389
Digestion Tube/Cup Lot #	10-12-12

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Batch Number: 66945 Batch Start Date: 11/30/12 09:37 Batch Analyst: Heakin, DavidBatch Method: 7471A Batch End Date: 11/30/12 10:07

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	MTAQUAREGIA 00401	MTHGCALW 00286	MTHGICVW 00439	MTKMnO4Liq 00006
ICV 240-66945/7		7471A, 7471/DOD		100 mL	100 mL	5 mL		0.5 mL	15 mL
ICB 240-66945/8		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL
CRA 240-66945/9		7471A, 7471/DOD		100 mL	100 mL	5 mL	0.2 mL		15 mL
CCV 240-66945/10		7471A, 7471/DOD		100 mL	100 mL	5 mL	5 mL		15 mL
CCB 240-66945/11		7471A, 7471/DOD		100 mL	100 mL	5 mL			15 mL

Batch Notes	
Pipette ID	383364, 383366
Digestion Tube/Cup Lot #	00052865

Basis	Basis Description

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-17768-1
SDG No.: _____
Project: RVAAP - ECC

Client Sample ID	Lab Sample ID
70SB-0011M-0001-SO	240-17768-1
70SB-0012M-0001-SO	240-17768-2
70SB-0013M-0001-SO	240-17768-3
70SB-0014M-0001-SO	240-17768-4
70SB-0015M-0001-SO	240-17768-5
70SB-0016M-0001-SO	240-17768-6
70SB-0017M-0001-SO	240-17768-7
076SB-0037M-0001-SO	240-17768-9
076SB-0038M-0001-SO	240-17768-10
076SB-0039M-0001-SO	240-17768-11
076SB-0040M-0001-SO	240-17768-12
076SB-0041M-0001-SO	240-17768-13
076SB-0042M-0001-SO	240-17768-14
076SB-0043M-0001-SO	240-17768-15
076SB-0030M-0001-SO	240-17768-17
076SB-0031M-0001-SO	240-17768-18
076SB-0032M-0001-SO	240-17768-19
076SB-0033M-0001-SO	240-17768-20
076SB-0034M-0001-SO	240-17768-21
076SB-0035M-0001-SO	240-17768-22
076SB-0036M-0001-SO	240-17768-23

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-17768-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture LOQ Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	LOQ (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job Number: 240-17768-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture XRL Date: 01/28/2010 09:24

Analyte	Wavelength/ Mass	XRL (mg/L)	
Percent Moisture		10	
Percent Solids		10	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

Lab Sample ID	D / F	T y p e	Time	Analytes																				
				% S o l	M o i s t																			
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					
ZZZZZZ			10:47																					

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				% S o l	M o i s t																
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
ZZZZZZ			11:15																		
240-17768-1	1	T	11:15	X	X																
240-17768-2 DU	1	T	11:15	X	X																
240-17768-2	1	T	11:15	X	X																
240-17768-3	1	T	11:15	X	X																
240-17768-4	1	T	11:15	X	X																
240-17768-5	1	T	11:15	X	X																
240-17768-6	1	T	11:15	X	X																
240-17768-7	1	T	11:15	X	X																
240-17768-9	1	T	11:15	X	X																
240-17768-10	1	T	11:15	X	X																
240-17768-11	1	T	11:15	X	X																
240-17768-12 DU	1	T	11:15	X	X																
240-17768-12	1	T	11:15	X	X																
240-17768-13	1	T	11:15	X	X																
240-17768-14	1	T	11:15	X	X																
240-17768-15	1	T	11:15	X	X																
240-17768-17	1	T	11:15	X	X																
240-17768-18	1	T	11:15	X	X																
240-17768-19	1	T	11:15	X	X																
240-17768-20	1	T	11:15	X	X																
240-17768-21	1	T	11:15	X	X																
240-17768-22 DU	1	T	11:33	X	X																
240-17768-22	1	T	11:33	X	X																
240-17768-23	1	T	11:33	X	X																
ZZZZZZ			11:33																		
ZZZZZZ			11:33																		
ZZZZZZ			11:33																		

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 11/20/2012 10:47 End Date: 11/20/2012 14:08

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				% S o l	M o i s t																
ZZZZZZ			14:08																		
ZZZZZZ			14:08																		
ZZZZZZ			14:08																		

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Batch Number: 65747 Batch Start Date: 11/20/12 10:47 Batch Analyst: Harshman, TomBatch Method: Moisture Batch End Date: 11/21/12 07:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-17768-G-1	70SB-0011M-0001-SO	Moisture	T	4.3840 g	16.5559 g	15.0387 g			
240-17768-G-2	70SB-0012M-0001-SO	Moisture	T	4.3840 g	9.6297 g	8.6651 g			
240-17768-G-2	70SB-0012M-0001-SO	Moisture	T	4.3840 g	11.0233 g	9.7484 g			
240-17768-G-3	70SB-0013M-0001-SO	Moisture	T	4.3840 g	15.7606 g	13.5721 g			
240-17768-G-4	70SB-0014M-0001-SO	Moisture	T	4.3840 g	10.0450 g	9.0759 g			
240-17768-G-5	70SB-0015M-0001-SO	Moisture	T	4.3840 g	15.7845 g	13.1362 g			
240-17768-G-6	70SB-0016M-0001-SO	Moisture	T	4.3840 g	16.6685 g	14.2826 g			
240-17768-G-7	70SB-0017M-0001-SO	Moisture	T	4.3840 g	16.0150 g	13.5922 g			
240-17768-D-9	076SB-0037M-0001-SO	Moisture	T	4.3840 g	10.1257 g	9.0148 g			
240-17768-D-10	076SB-0038M-0001-SO	Moisture	T	4.3840 g	10.8787 g	9.6402 g			
240-17768-D-11	076SB-0039M-0001-SO	Moisture	T	4.3840 g	9.9448 g	8.9027 g			
240-17768-D-12	076SB-0040M-0001-SO	Moisture	T	4.3840 g	6.8734 g	6.4797 g			
240-17768-D-12	076SB-0040M-0001-SO	Moisture	T	4.3840 g	6.6986 g	6.3233 g			
240-17768-D-13	076SB-0041M-0001-SO	Moisture	T	4.3840 g	10.5093 g	9.6297 g			
240-17768-D-14	076SB-0042M-0001-SO	Moisture	T	4.3840 g	20.7375 g	17.4780 g			
240-17768-D-15	076SB-0043M-0001-SO	Moisture	T	4.3840 g	10.8082 g	9.8212 g			
240-17768-D-17	076SB-0030M-0001-SO	Moisture	T	4.3840 g	10.7108 g	9.9134 g			
240-17768-D-18	076SB-0031M-0001-SO	Moisture	T	4.3840 g	9.5900 g	8.4395 g			
240-17768-D-19	076SB-0032M-0001-SO	Moisture	T	4.3840 g	9.3520 g	8.7147 g			
240-17768-D-20	076SB-0033M-0001-SO	Moisture	T	4.3840 g	18.3490 g	16.1500 g			
240-17768-A-21	076SB-0034M-0001-SO	Moisture	T	4.3840 g	10.2546 g	8.9679 g			
240-17768-D-22	076SB-0035M-0001-SO	Moisture	T	4.3840 g	6.7841 g	6.4916 g			
240-17768-D-22	076SB-0035M-0001-SO	Moisture	T	4.3840 g	6.7609 g	6.4665 g			

Moisture

Page 1 of 2

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17768-1

SDG No.: _____

Batch Number: 65747 Batch Start Date: 11/20/12 10:47 Batch Analyst: Harshman, TomBatch Method: Moisture Batch End Date: 11/21/12 07:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
240-17768-D-23	076SB-0036M-0001 -SO	Moisture	T	4.3840 g	10.7612 g	9.9370 g			

Batch Notes	
Balance ID	B047 No Unit
Date samples were placed in the oven	11/20/12
Oven Temp when samples are put in oven	103.3 Degrees C
Time samples were place in the oven	14:30
Date samples were removed from oven	11/21/12
Oven Temp when samples removed from oven	103.4 Degrees C
Time Samples were removed from oven	6:00
Oven ID	002
ID number of the thermometer	Temoguard Box C #6

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

Chain of Custody Record

TestAmerica Laboratory location:
Regulatory program:

☐ DW ☐ NPDES ☐ RCRA ☐ Other

Company Name: ECC		Client Project Manager: AL EASTMAN		Site Contact: JEFF DOROVAN		Lab Contact: MARK LOBO		TestAmerica Laboratories, Inc. COC No: 048701	
Address: 33 BOSTON POST RD W5ST		Telephone: 508-509-1784		Telephone: 508-509-1784		Telephone: 		COCs 2 of 3	
City/State/Zip: MARLBORO MA 01521		Email: 		Analyses: TAL METALS PCB % SOLID		Analyses: TAL METALS PCB % SOLID		Sample Specific Notes / Special Instructions: TRIP BLK	
Project Name: 		Method of Shipment/Carrier: LAB PICK UP		TAT (if different from analysis days): 3 weeks 2 weeks 1 week 2 days 1 day		Container & Preservation: H2O2 HNO3 HCl NaOH ZnAc Unpres Other:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Project Number: 		Shipping/Tracking No: 		Matrix: Air Aqueous Sediment Solid Other:		Filtered Sample (Y/N): 10		Sample Specific Notes / Special Instructions: TRIP BLK	
PO #		Sample Date		Sample Time		Other:		Sample Specific Notes / Special Instructions:	
07658-0037M-0001-50		11-14-12		1550		X		X	
07658-0038A-0001-50				1550		X		X	
07658-0039M-0001-50				1500		X		X	
07658-0040M-0001-50				1520		X		X	
07658-0041M-0001-50				1530		X		X	
07658-0042M-0001-50				1545		X		X	
07658-0043M-0001-50				1555		X		X	
07658-0044M-0001-7B		✓		0900		X		X	

TestAmerica Laboratory location:
Regulatory program:

Company Name: ECC Address: 33 Boston Post Rd Weymouth, MA 01978 City/State/Zip: Weymouth, MA 01978 Phone: 617-826-0152		Client Project Manager: AL KARNADAN Telephone: Email:		Site Contact: JEFF NORDMAN Telephone: Address:		Lab Contract: MARK LOBB Telephone:		COC No: 048800 3 of 3 COCs						
Project Name: RAVENNA Project Number:		Method of Shipment/Carrier: LAD pick up Shipping/Tracking No:		Analysis Turnaround Time (in business days): ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Analyses: VOC SVOC TAL METALS OP SOLID		Sample Specific Notes / Special Instructions:						
Sample Identification	Sample Date	Sample Time	Matrix			Containers & Preservatives			Filtered Sample C/N	Composite C/N				
			Air	Aqueous	Sediment	Solid	Other:	HNO3	HCl	NaOH	ZnAc	NaOH	Unpres	Other:
07658-0030M-0001-50	11-14-12	1615				X		X					X	X
07658-0031M-0001-50		1615												
07658-0032M-0001-50		1615												
07658-0033M-0001-50		1645												
07658-0034M-0001-50		1700												
07658-0035M-0001-50		1730												
07658-0036M-0001-50		1745												

☐ Possible Hazard Identification
☐ Non-Hazardous
☐ Flammable
☐ Skin Irritant
☐ Poison B
☐ Unknown

Sample Disposal: (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client
☐ Disposal By Lab
☐ Archive For _____ Months

Relinquished by: [Signature] Date/Time: 11-15-12 1630	Received by: [Signature] Date/Time: 11-15-12 1630	Company: ECC Received by: [Signature] Date/Time: 11-15-12 1630	Company: TALNT Received by: [Signature] Date/Time: 11-15-12 1630
Relinquished by: [Signature] Date/Time: 11-15-12 1835	Received by: [Signature] Date/Time: 11-15-12 1835	Company: TALNT Received by: [Signature] Date/Time: 11-15-12 1835	Company: TALNT Received by: [Signature] Date/Time: 11-15-12 1835

TestAmerica Canton Sample Receipt Form/Narrative

 Login # : 17768

 Client ECC

Site Name _____

 By: [Signature]

(Signature)

 Cooler Received on 11/15/12

 Opened on 11-16-12

 FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

 TestAmerica Cooler # _____ Foam Box _____ Client Cooler _____ Box _____ Other Multiple

 Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

 COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1 (CF -2 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C

IR GUN# 4G (CF 0 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C

IR GUN# 5G (CF 0 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C

IR GUN# 8 (CF 0 °C) Observed Sample Temp. _____ °C Corrected Sample Temp. _____ °C

☒ Multiple on Back

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____

 Yes No

-Were custody seals on the outside of the cooler(s) signed & dated?

 Yes No NA

-Were custody seals on the bottle(s)?

 Yes No
3. Shippers' packing slip attached to the cooler(s)?

 Yes No
4. Did custody papers accompany the sample(s)?

 Yes No
5. Were the custody papers relinquished & signed in the appropriate place?

 Yes No
6. Did all bottles arrive in good condition (Unbroken)?

 Yes No
7. Could all bottle labels be reconciled with the COC?

 Yes No
8. Were correct bottle(s) used for the test(s) indicated?

 Yes No
9. Sufficient quantity received to perform indicated analyses?

 Yes No
10. Were sample(s) at the correct pH upon receipt?

 Yes No NA
11. Were VOAs on the COC?

 Yes No
12. Were air bubbles >6 mm in any VOA vials?

 Yes No NA
13. Was a trip blank present in the cooler(s)?

 Yes No

 Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____
 Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES
15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 031512-HNO₃; Sulfuric Acid Lot# 051012-H₂SO₄; Sodium Hydroxide Lot# 121809-NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH₃COO)₂ZN/NaOH. What time was preservative added to sample(s)? _____

SOP: NC-SC-0005, Sample Receiving
C:\Users\livengoodc\AppData\Local\Microsoft\Windows\Temporary Internet Files\OLKID16\COOLER_TestAmerica_Rev 88_110712_Hs.doc