FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0065-0001-SO | Lab Sample ID: 240-18544-3

Matrix: Solid | Lab File ID: P9121416.D

Analysis Method: 8081/DOD | Date Collected: 12/06/2012 09:57

Extraction Method: 3540C | Date Extracted: 12/12/2012 14:20

Sample wt/vol: 29.89(g) | Date Analyzed: 12/14/2012 08:06

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

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

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68628 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.76	U	2.3	0.76	0.70
72-55-9	4,4'-DDE	0.76	U	1.9	0.76	0.44
50-29-3	4,4'-DDT	0.76	U	2.3	0.76	0.71
309-00-2	Aldrin	1.5	U	4.5	1.5	1.4
319-84-6	alpha-BHC	1.5	U	2.8	1.5	0.82
5103-71-9	alpha-Chlordane	1.5	U	3.4	1.5	1.1
319-85-7	beta-BHC	1.5	U	3.9	1.5	1.2
319-86-8	delta-BHC	1.5	U	4.5	1.5	1.4
60-57-1	Dieldrin	0.76	U	1.9	0.76	0.53
959-98-8	Endosulfan I	0.76	U	1.9	0.76	0.59
33213-65-9	Endosulfan II	1.5	U	2.8	1.5	0.93
1031-07-8	Endosulfan sulfate	1.5	U	3.4	1.5	0.98
72-20-8	Endrin	0.76	U	1.9	0.76	0.56
7421-93-4	Endrin aldehyde	1.5	U	3.4	1.5	1.1
53494-70-5	Endrin ketone	0.76	U	2.3	0.76	0.71
58-89-9	gamma-BHC (Lindane)	1.5	U	2.8	1.5	0.83
5103-74-2	gamma-Chlordane	0.76	U	1.9	0.76	0.47
76-44-8	Heptachlor	1.5	U	3.9	1.5	1.2
1024-57-3	Heptachlor epoxide	1.5	U	2.8	1.5	0.90
72-43-5	Methoxychlor	3.7	U	5.6	3.7	1.7
8001-35-2	Toxaphene	23	U	76	23	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		55-130
877-09-8	Tetrachloro-m-xylene	87		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121416.D
Lims ID: 240-18544-H-3-D
Client ID: 072SB-0065-0001-SO
Inject. Date: 14-Dec-2012 08:06:34
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015828-016
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 16
Lims Batch ID: 68628
Lims Sample ID: 16
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:01
Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc
Date: 18-Dec-2012 11:04:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.500	0.001	45291618	0.0175			
2	100	4.091	4.091	0.000	175972068	0.0228			
						RPD = 26.32			
5 alpha-BHC									
1	100		4.183						
2	100		4.918						
20 gamma-BHC (Lindane)									
1	100		4.560						
2	100		5.473						
7 beta-BHC									
1	100		4.690						
2	100		5.650						
11 delta-BHC									
1	100		4.905						
2	100		6.200						
22 Heptachlor									
1	100		5.185						
2	100		6.298						
4 Aldrin									
1	100		5.637						
2	100		7.015						
23 Heptachlor epoxide									
1	100		6.865						
2	100		8.500						
21 gamma-Chlordane									
1	100		7.171						
2	100		8.928						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									
1	100		7.523						
2	100		9.240						
14 Endosulfan I									
1	100		7.801						
2	100		9.302						
2 4,4'-DDE									
1	100		7.903						
2	100		9.701						
13 Dieldrin									
1	100		8.366						
2	100		9.836						
17 Endrin									
1	100		8.824						
2	100		10.360						
1 4,4'-DDD									
1	100		9.188						
2	100		10.730						
15 Endosulfan II									
1	100		9.275						
2	100		10.730						
30 Toxaphene									
1	100		9.507						
1	2		9.953						
1	3		10.019						
1	4		10.604						
1	5		11.168						
2	100		10.894						
2	2		11.442						
2	3		11.843						
2	4		12.071						
2	5		12.458						
3 4,4'-DDT									
1	100		9.709						
2	100		11.215						
18 Endrin aldehyde									
1	100		10.070						
2	100		11.304						
27 Methoxychlor									
1	100		10.659						
2	100		12.294						
16 Endosulfan sulfate									
1	100		10.793						
2	100		11.737						
19 Endrin ketone									
1	100		11.193						
2	100		12.475						
$ 10 DCB Decachlorobiphenyl									
1	100	12.804	12.804	0.000	42420859		0.0178		
2	100	14.253	14.252	0.001	118203093		0.0206		

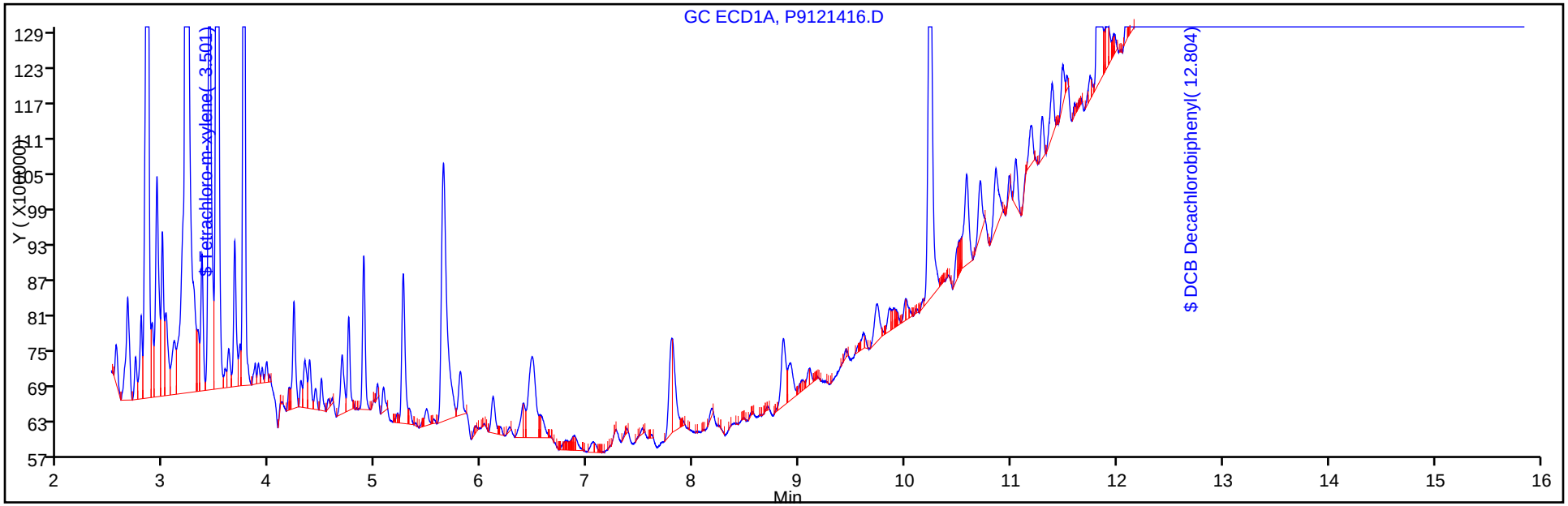
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Report Date: 18-Dec-2012 11:09:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

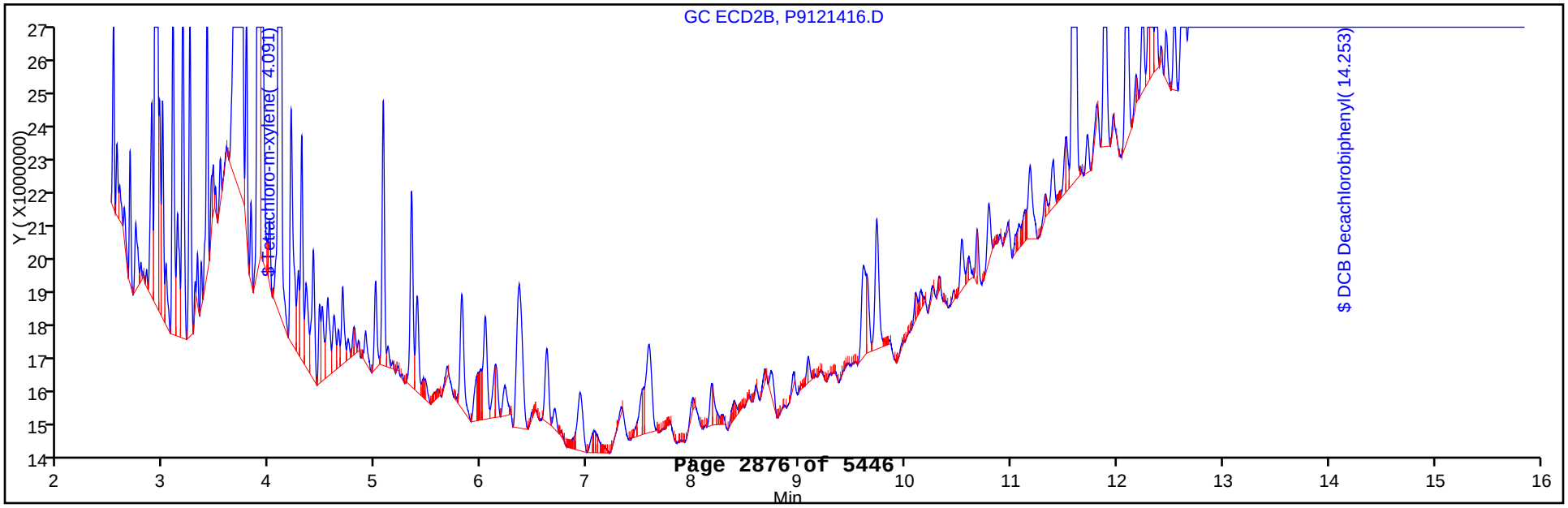
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121416.D		
Injection Date:	14-Dec-2012 08:06:34	Limit Group:	GC 8081 D0D ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 072SB-0065-0001-SO Lab Sample ID: 240-18544-3

Matrix: Solid Lab File ID: P9121416.D

Analysis Method: 8081/DOD Date Collected: 12/06/2012 09:57

Extraction Method: 3540C Date Extracted: 12/12/2012 14:20

Sample wt/vol: 29.89(g) Date Analyzed: 12/14/2012 08:06

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

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

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 68628 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		55-130
877-09-8	Tetrachloro-m-xylene	114		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121416.D
Lims ID: 240-18544-H-3-D
Client ID: 072SB-0065-0001-SO
Inject. Date: 14-Dec-2012 08:06:34
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015828-016
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 16
Lims Batch ID: 68628
Lims Sample ID: 16
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:01
Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc
Date: 18-Dec-2012 11:04:10

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.500	0.001	45291618	0.0175			
2	100	4.091	4.091	0.000	175972068	0.0228			
						RPD = 26.32			
5 alpha-BHC									
1	100		4.183						
2	100		4.918						
20 gamma-BHC (Lindane)									
1	100		4.560						
2	100		5.473						
7 beta-BHC									
1	100		4.690						
2	100		5.650						
11 delta-BHC									
1	100		4.905						
2	100		6.200						
22 Heptachlor									
1	100		5.185						
2	100		6.298						
4 Aldrin									
1	100		5.637						
2	100		7.015						
23 Heptachlor epoxide									
1	100		6.865						
2	100		8.500						
21 gamma-Chlordane									
1	100		7.171						
2	100		8.928						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									
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2	100		9.240						
14 Endosulfan I									
1	100		7.801						
2	100		9.302						
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1	100		7.903						
2	100		9.701						
13 Dieldrin									
1	100		8.366						
2	100		9.836						
17 Endrin									
1	100		8.824						
2	100		10.360						
1 4,4'-DDD									
1	100		9.188						
2	100		10.730						
15 Endosulfan II									
1	100		9.275						
2	100		10.730						
30 Toxaphene									
1	100		9.507						
1	2		9.953						
1	3		10.019						
1	4		10.604						
1	5		11.168						
2	100		10.894						
2	2		11.442						
2	3		11.843						
2	4		12.071						
2	5		12.458						
3 4,4'-DDT									
1	100		9.709						
2	100		11.215						
18 Endrin aldehyde									
1	100		10.070						
2	100		11.304						
27 Methoxychlor									
1	100		10.659						
2	100		12.294						
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1	100		10.793						
2	100		11.737						
19 Endrin ketone									
1	100		11.193						
2	100		12.475						
$ 10 DCB Decachlorobiphenyl									
1	100	12.804	12.804	0.000	42420859		0.0178		
2	100	14.253	14.252	0.001	118203093		0.0206		

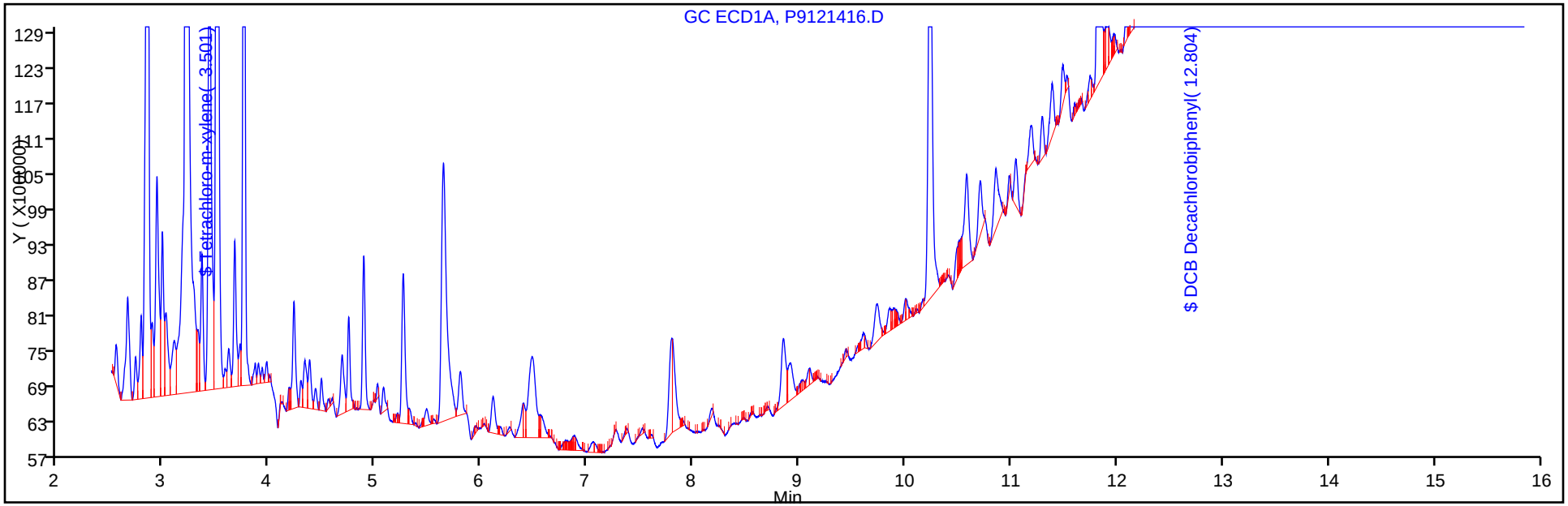
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Report Date: 18-Dec-2012 11:09:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

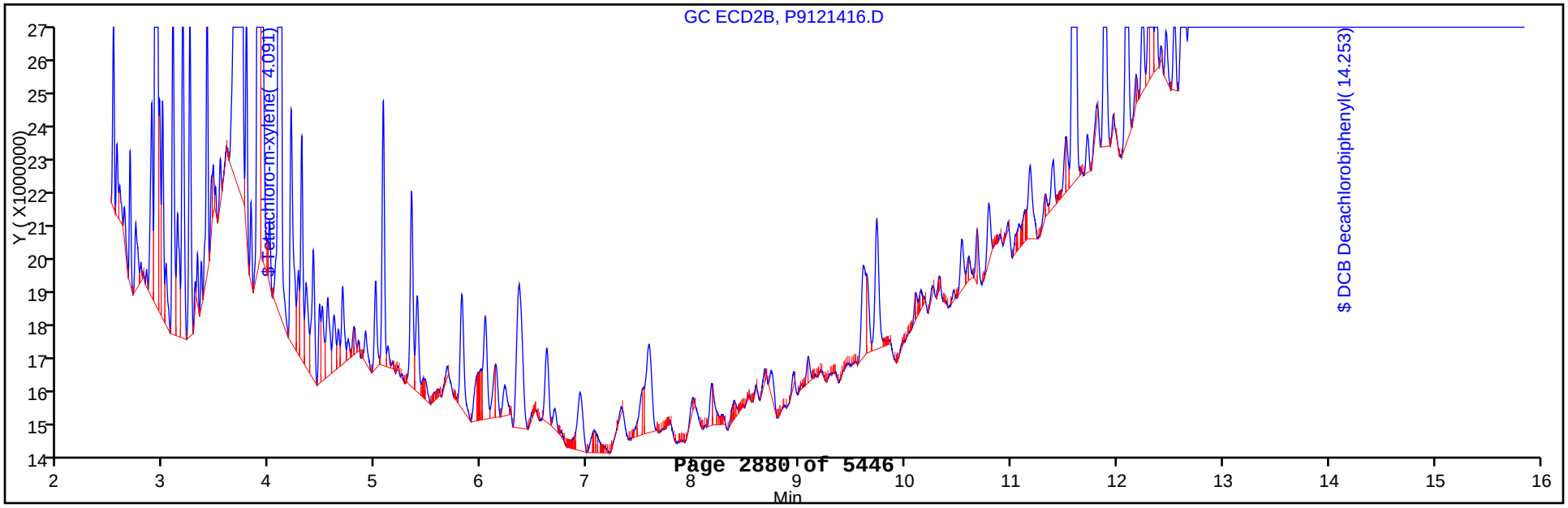
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121416.D		
Injection Date:	14-Dec-2012 08:06:34	Limit Group:	GC 8081 D0D ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO | Lab Sample ID: 240-18544-16

Matrix: Solid | Lab File ID: P3122027.D

Analysis Method: 8081/DOD | Date Collected: 12/06/2012 14:33

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:19

Sample wt/vol: 29.93(g) | Date Analyzed: 12/20/2012 16:08

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

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

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

Analysis Batch No.: 69512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.67	U	2.0	0.67	0.62
72-55-9	4,4'-DDE	0.47	J	1.7	0.67	0.39
50-29-3	4,4'-DDT	0.67	U	2.0	0.67	0.63
309-00-2	Aldrin	1.3	U	4.0	1.3	1.2
319-84-6	alpha-BHC	1.3	U	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	1.3	U	3.0	1.3	0.94
319-85-7	beta-BHC	1.3	U	3.5	1.3	1.1
319-86-8	delta-BHC	1.3	U	4.0	1.3	1.2
60-57-1	Dieldrin	0.67	U	1.7	0.67	0.47
959-98-8	Endosulfan I	0.67	U	1.7	0.67	0.52
33213-65-9	Endosulfan II	1.3	U	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	1.3	U	3.0	1.3	0.87
72-20-8	Endrin	0.67	U	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	1.3	U	3.0	1.3	1.0
53494-70-5	Endrin ketone	0.67	U	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	1.3	U	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	0.67	U	1.7	0.67	0.42
76-44-8	Heptachlor	1.3	U	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	1.3	U	2.5	1.3	0.80
72-43-5	Methoxychlor	3.3	U	5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		55-130
877-09-8	Tetrachloro-m-xylene	78		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122027.D
Lims ID: 240-18544-E-16-F
Client ID: 076SB-0098-0001-SO
Inject. Date: 20-Dec-2012 16:08:05
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016042-027
Misc. Info.:
Operator: 093905
Instrument ID: A2HP3
Injection Vol: 1.0 ul
ALS Bottle#: 27
Lims Batch ID: 69512
Lims Sample ID: 27
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40
Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc
Date: 21-Dec-2012 09:11:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.620	3.618	0.002	16985563	0.0156			
2	100	4.386	4.385	0.001	11239907	0.0156			
						RPD = 0.33			
24 Hexachlorobenzene									
1	100		4.143						
2	100		4.847						
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
8 Chlordane (technical)									1
1	100		4.755						
1	2		5.307						
1	3		5.950						
1	4		6.066						
2	100		5.416						
2	2		6.040						
2	3		6.949						
2	4		7.004						
7 beta-BHC									
1	100	4.829	4.839	-0.010	389376	0.000704			
2	100	5.316	5.324	-0.008	203451	0.000692			
						RPD = 1.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
22 Heptachlor									
1	100		4.906						
2	100		5.636						
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
25 Isodrin									
1	100		5.531						
2	100		6.410						
23 Heptachlor epoxide									
1	100		5.686						
2	100		6.534						
12 Diallate									
1	100		5.797						
1	2		6.015						
2	100		6.496						
2	2		6.661						
21 gamma-Chlordane									
1	100		5.948						
2	100		6.896						
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									M
1	100	6.339	6.341	-0.002	1679426	0.001404			
2	100	7.111	7.139	-0.028	1807438	0.002444			M
						RPD = 54.04			
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
26 Kepone									
1	100		6.903						
2	100		7.810						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	7.255	7.272	-0.017	1580242	0.002091			
2	100	7.975	7.984	-0.009	333946	0.000978			
						RPD = 72.51			
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100		7.550						
2	100		8.172						
27 Methoxychlor									
1	100	7.985	7.986	-0.001	228419	0.000585			
2	100	8.424	8.424	0.000	227570	0.001323			
						RPD = 77.41			
19 Endrin ketone									
1	100		8.134						
2	100		8.569						
28 Mirex									
1	100		8.279						
2	100		9.197						
$ 10 DCB Decachlorobiphenyl									
1	100	9.277	9.278	-0.001	16099810	0.0162			
2	100	10.394	10.390	0.004	9327341	0.0160			
						RPD = 1.16			
9 Chlorobenzilate									
1	100		10.885						
2	100		11.705						

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

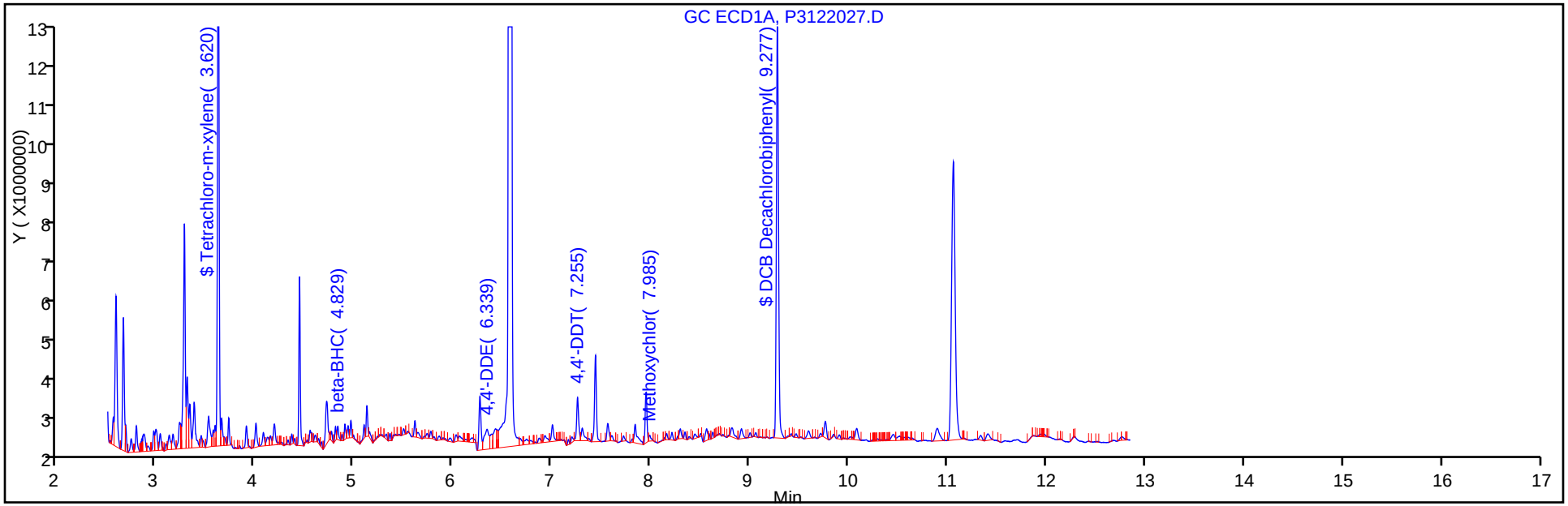
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TestAmerica Canton

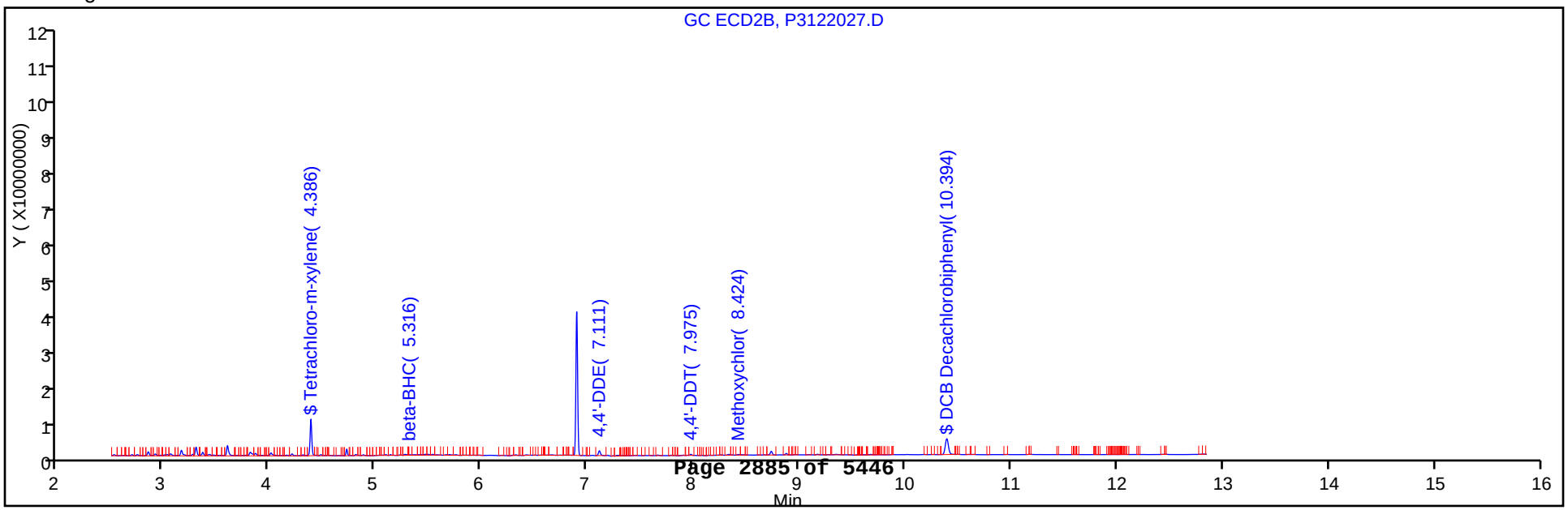
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122027.D

Injection Date:	20-Dec-2012 16:08:05	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0098-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	27
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0098-0001-SO Lab Sample ID: 240-18544-16

Matrix: Solid Lab File ID: P3122027.D

Analysis Method: 8081/DOD Date Collected: 12/06/2012 14:33

Extraction Method: 3540C Date Extracted: 12/18/2012 10:19

Sample wt/vol: 29.93(g) Date Analyzed: 12/20/2012 16:08

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

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

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

Analysis Batch No.: 69512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		55-130
877-09-8	Tetrachloro-m-xylene	78		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122027.D
Lims ID: 240-18544-E-16-F
Client ID: 076SB-0098-0001-SO
Inject. Date: 20-Dec-2012 16:08:05
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016042-027
Misc. Info.:
Operator: 093905
Instrument ID: A2HP3
Injection Vol: 1.0 ul
ALS Bottle#: 27
Lims Batch ID: 69512
Lims Sample ID: 27
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40
Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc
Date: 21-Dec-2012 09:11:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.620	3.618	0.002	16985563	0.0156			
2	100	4.386	4.385	0.001	11239907	0.0156			
						RPD = 0.33			
24 Hexachlorobenzene									
1	100		4.143						
2	100		4.847						
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
8 Chlordane (technical)									1
1	100		4.755						
1	2		5.307						
1	3		5.950						
1	4		6.066						
2	100		5.416						
2	2		6.040						
2	3		6.949						
2	4		7.004						
7 beta-BHC									
1	100	4.829	4.839	-0.010	389376	0.000704			
2	100	5.316	5.324	-0.008	203451	0.000692			
						RPD = 1.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
22 Heptachlor									
1	100		4.906						
2	100		5.636						
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
25 Isodrin									
1	100		5.531						
2	100		6.410						
23 Heptachlor epoxide									
1	100		5.686						
2	100		6.534						
12 Diallate									
1	100		5.797						
1	2		6.015						
2	100		6.496						
2	2		6.661						
21 gamma-Chlordane									
1	100		5.948						
2	100		6.896						
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									M
1	100	6.339	6.341	-0.002	1679426	0.001404			
2	100	7.111	7.139	-0.028	1807438	0.002444			M
						RPD = 54.04			
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
26 Kepone									
1	100		6.903						
2	100		7.810						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	7.255	7.272	-0.017	1580242	0.002091			
2	100	7.975	7.984	-0.009	333946	0.000978			
						RPD = 72.51			
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100		7.550						
2	100		8.172						
27 Methoxychlor									
1	100	7.985	7.986	-0.001	228419	0.000585			
2	100	8.424	8.424	0.000	227570	0.001323			
						RPD = 77.41			
19 Endrin ketone									
1	100		8.134						
2	100		8.569						
28 Mirex									
1	100		8.279						
2	100		9.197						
$ 10 DCB Decachlorobiphenyl									
1	100	9.277	9.278	-0.001	16099810	0.0162			
2	100	10.394	10.390	0.004	9327341	0.0160			
						RPD = 1.16			
9 Chlorobenzilate									
1	100		10.885						
2	100		11.705						

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

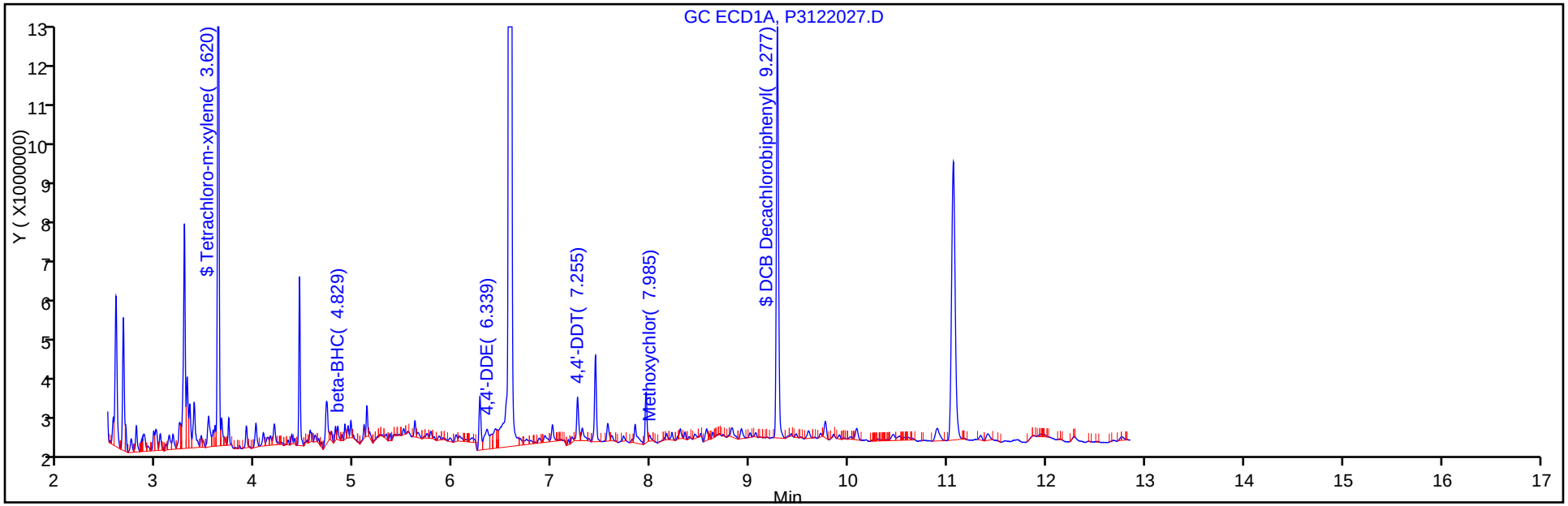
Report Date: 21-Dec-2012 09:49:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

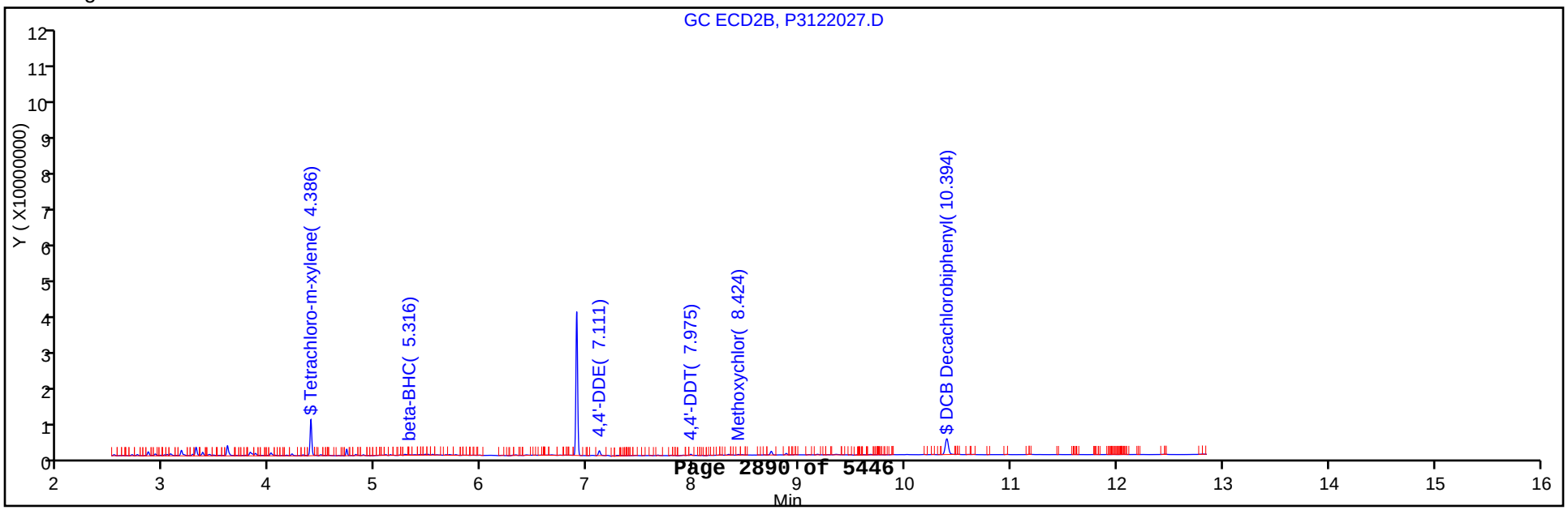
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Injection Date:	20-Dec-2012 16:08:05	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0098-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	27
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

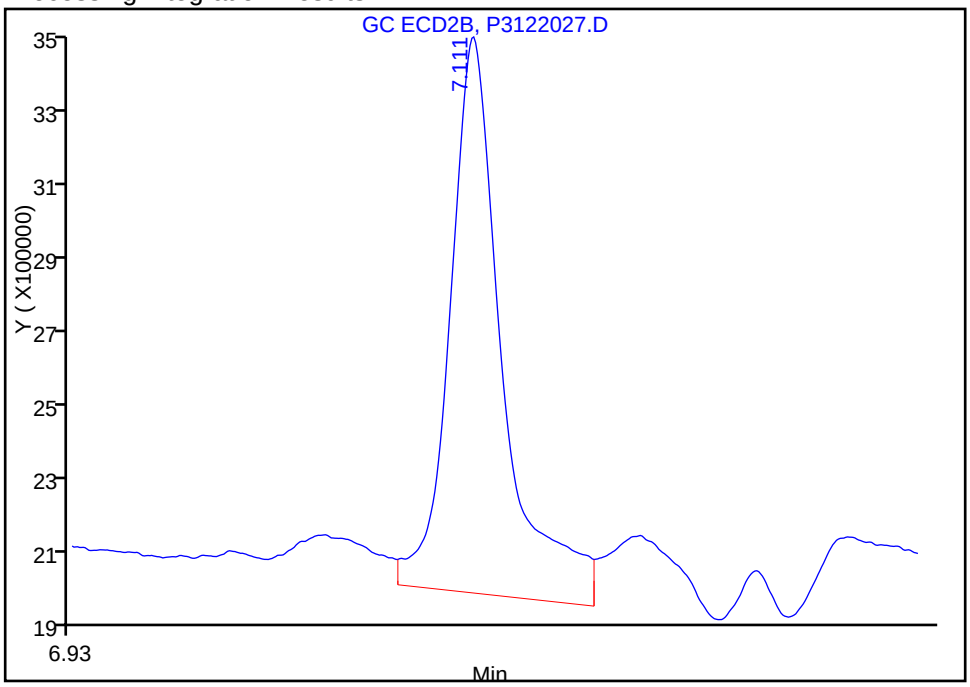
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122027.D		
Injection Date:	20-Dec-2012 16:08:05	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0098-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	27
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

2 4,4'-DDE, Signal: 2, Type: quant, RT: 7.14, Det: GC ecd2b

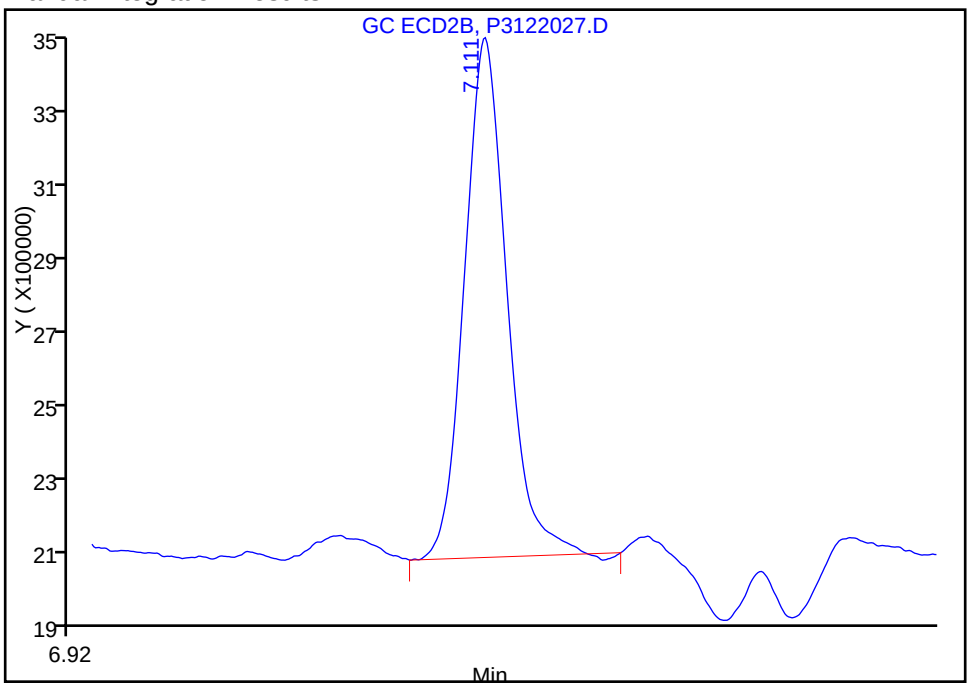
Processing Integration Results

RT: 7.11
Response: 2350033
Amount: 0.003178



Manual Integration Results

RT: 7.11
Response: 1807438
Amount: 0.002444



Reviewer: vandorenc, 21-Dec-2012 09:11:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0101M-0001-SO | Lab Sample ID: 240-18544-20

Matrix: Solid | Lab File ID: P3122028.D

Analysis Method: 8081/DOD | Date Collected: 12/06/2012 15:27

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:19

Sample wt/vol: 30.14(g) | Date Analyzed: 12/20/2012 16:28

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

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

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

Analysis Batch No.: 69512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.67	U	2.0	0.67	0.62
72-55-9	4,4'-DDE	0.67	U	1.7	0.67	0.39
50-29-3	4,4'-DDT	0.67	U	2.0	0.67	0.63
309-00-2	Aldrin	1.3	U	4.0	1.3	1.2
319-84-6	alpha-BHC	1.3	U	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	1.3	U	3.0	1.3	0.94
319-85-7	beta-BHC	1.3	U	3.5	1.3	1.1
319-86-8	delta-BHC	1.3	U	4.0	1.3	1.2
60-57-1	Dieldrin	0.67	U	1.7	0.67	0.47
959-98-8	Endosulfan I	0.67	U	1.7	0.67	0.52
33213-65-9	Endosulfan II	1.3	U	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	1.3	U	3.0	1.3	0.87
72-20-8	Endrin	0.67	U	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	1.3	U	3.0	1.3	1.0
53494-70-5	Endrin ketone	0.67	U	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	1.3	U	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	0.67	U	1.7	0.67	0.42
76-44-8	Heptachlor	1.3	U	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	1.3	U	2.5	1.3	0.80
72-43-5	Methoxychlor	3.3	U	5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75		55-130
877-09-8	Tetrachloro-m-xylene	71		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122028.D		
Lims ID:	240-18544-E-20-F	Client ID:	076SB-0101M-0001-SO
Inject. Date:	20-Dec-2012 16:28:42	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016042-028		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	69512	Lims Sample ID:	28
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m		
Last Update:	21-Dec-2012 09:49:40	Calib Date:	20-Dec-2012 12:14:40
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK011		
First Level Reviewer: vandorenc		Date:	21-Dec-2012 09:13:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.619	3.618	0.001	15519022	0.0143			
2	100	4.386	4.385	0.001	11539996	0.0160			
						RPD = 11.32			
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
7 beta-BHC									
1	100		4.839						
2	100		5.324						
22 Heptachlor									
1	100		4.906						
2	100		5.636						
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
23 Heptachlor epoxide									
1	100		5.686						
2	100		6.534						
21 gamma-Chlordane									
1	100		5.948						
2	100		6.896						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									
1	100		6.341						
2	100		7.139						
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						
3 4,4'-DDT									
1	100	7.254	7.272	-0.018	1503622	0.001989			
2	100	7.976	7.984	-0.008	407253	0.001193			
						RPD = 50.06			
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100		7.550						
2	100		8.172						
27 Methoxychlor									
1	100		7.986						
2	100		8.424						
19 Endrin ketone									
1	100		8.134						
2	100		8.569						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	9.279	9.278	0.001	14988874	0.0151			
2	100	10.395	10.390	0.005	8435338	0.0145			
						RPD = 4.06			

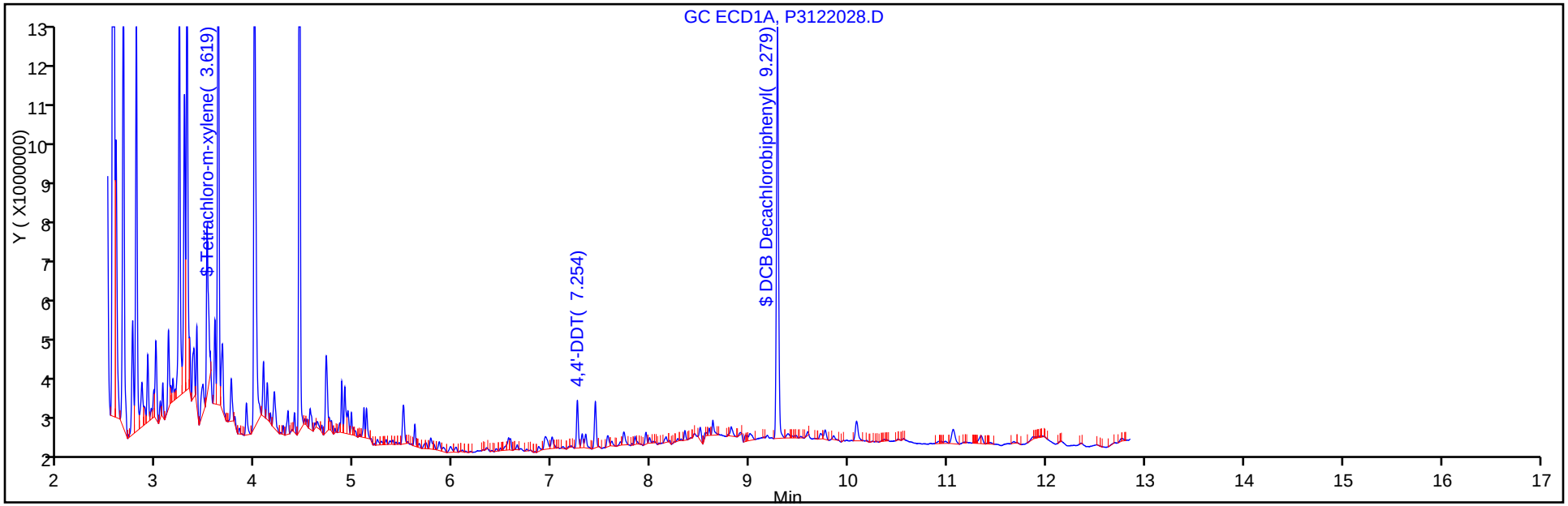
Report Date: 21-Dec-2012 09:49:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

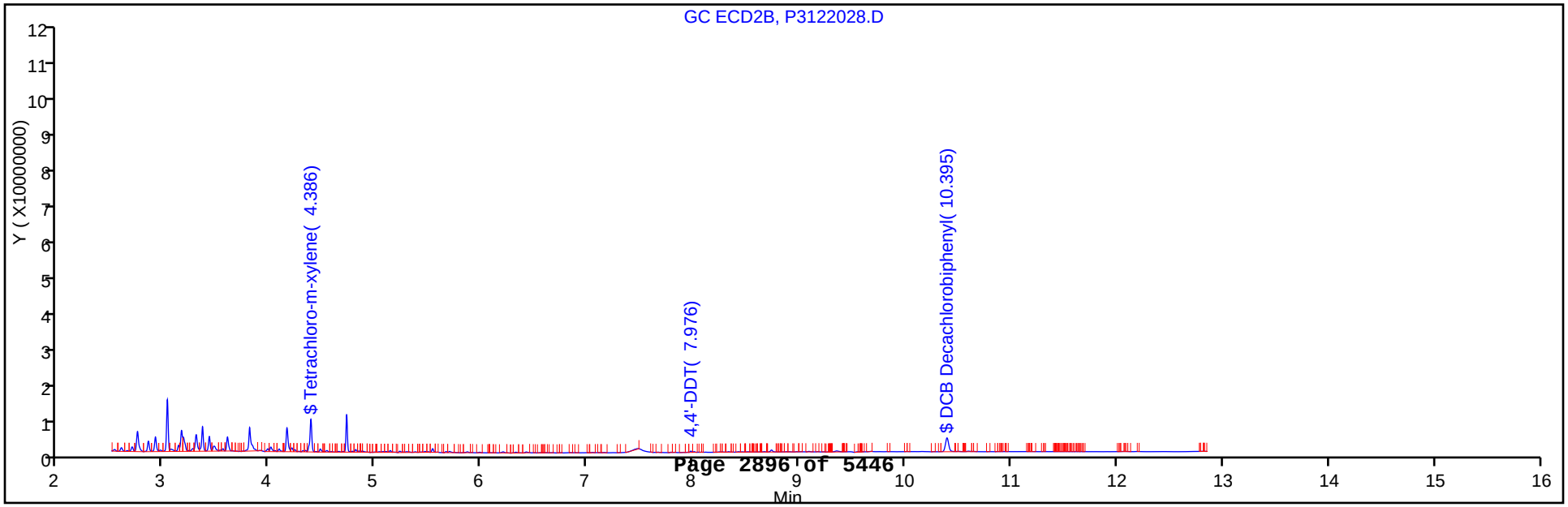
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122028.D

Injection Date:	20-Dec-2012 16:28:42	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0101M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	28
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0101M-0001-SO Lab Sample ID: 240-18544-20

Matrix: Solid Lab File ID: P3122028.D

Analysis Method: 8081/DOD Date Collected: 12/06/2012 15:27

Extraction Method: 3540C Date Extracted: 12/18/2012 10:19

Sample wt/vol: 30.14(g) Date Analyzed: 12/20/2012 16:28

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

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

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

Analysis Batch No.: 69512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		55-130
877-09-8	Tetrachloro-m-xylene	80		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122028.D		
Lims ID:	240-18544-E-20-F	Client ID:	076SB-0101M-0001-SO
Inject. Date:	20-Dec-2012 16:28:42	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016042-028		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	28
Lims Batch ID:	69512	Lims Sample ID:	28
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m		
Last Update:	21-Dec-2012 09:49:40	Calib Date:	20-Dec-2012 12:14:40
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK011		
First Level Reviewer: vandorenc		Date:	21-Dec-2012 09:13:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.619	3.618	0.001	15519022	0.0143			
2	100	4.386	4.385	0.001	11539996	0.0160			
						RPD = 11.32			
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
7 beta-BHC									
1	100		4.839						
2	100		5.324						
22 Heptachlor									
1	100		4.906						
2	100		5.636						
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
23 Heptachlor epoxide									
1	100		5.686						
2	100		6.534						
21 gamma-Chlordane									
1	100		5.948						
2	100		6.896						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									
1	100		6.341						
2	100		7.139						
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						
3 4,4'-DDT									
1	100	7.254	7.272	-0.018	1503622	0.001989			
2	100	7.976	7.984	-0.008	407253	0.001193			
						RPD = 50.06			
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100		7.550						
2	100		8.172						
27 Methoxychlor									
1	100		7.986						
2	100		8.424						
19 Endrin ketone									
1	100		8.134						
2	100		8.569						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	9.279	9.278	0.001	14988874	0.0151			
2	100	10.395	10.390	0.005	8435338	0.0145			
						RPD = 4.06			

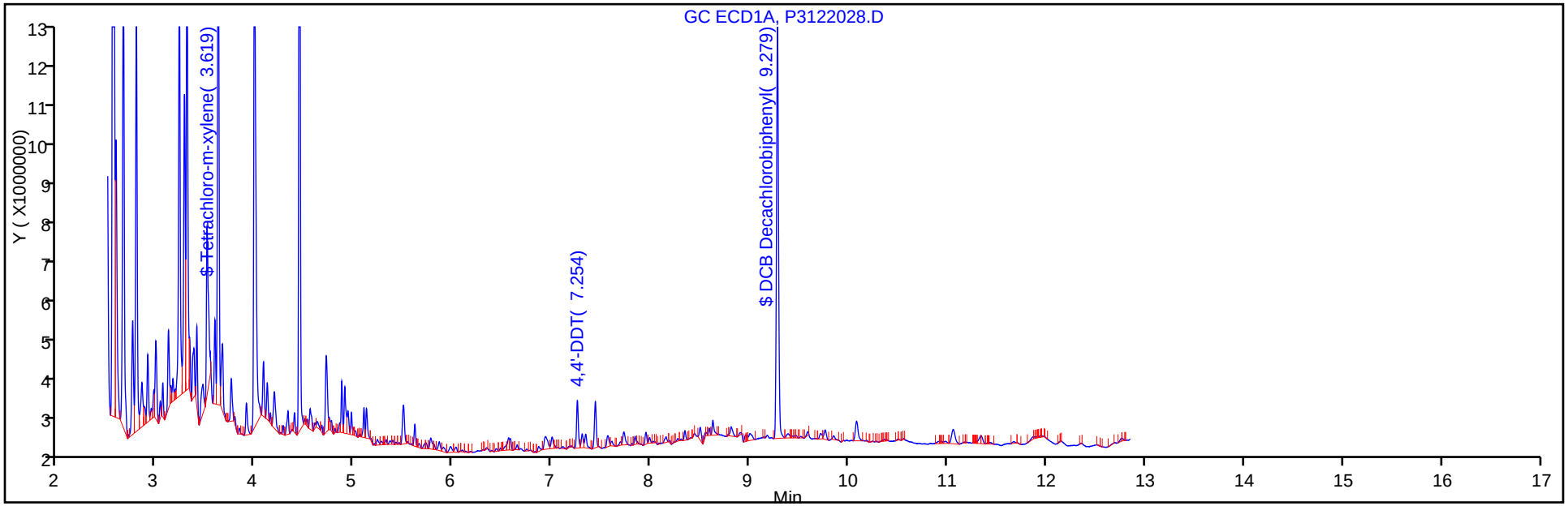
Report Date: 21-Dec-2012 09:49:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

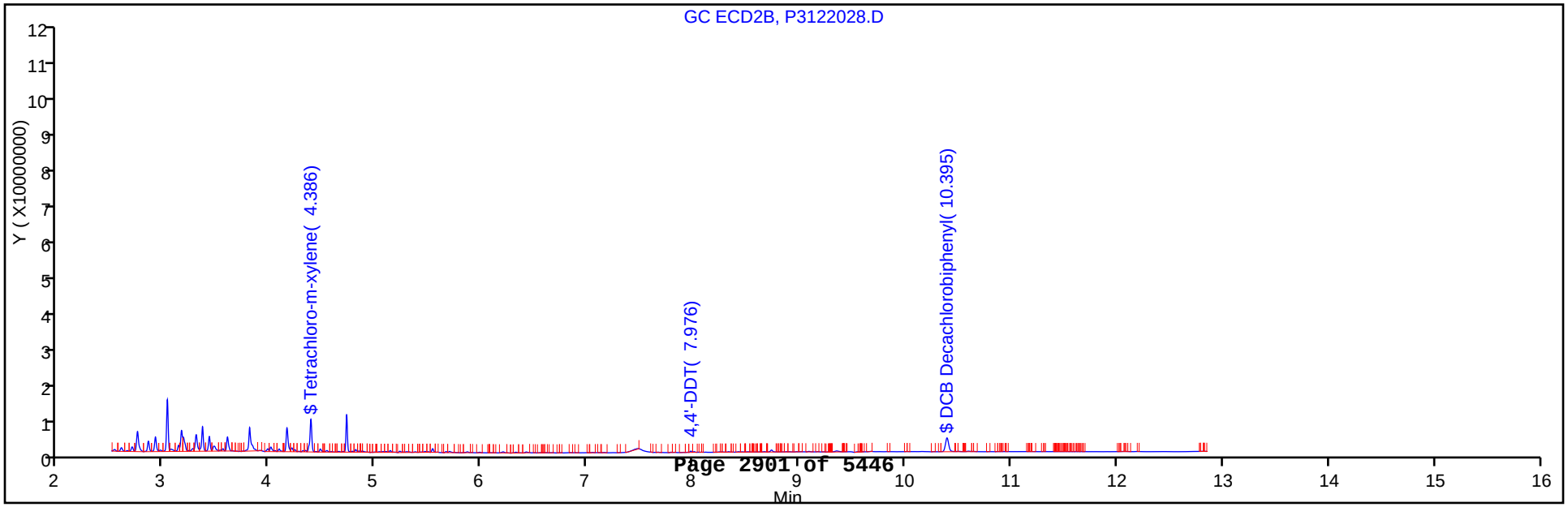
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122028.D

Injection Date:	20-Dec-2012 16:28:42	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0101M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	28
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0108M-0001-SO | Lab Sample ID: 240-18544-27

Matrix: Solid | Lab File ID: P3122029.D

Analysis Method: 8081/DOD | Date Collected: 12/06/2012 15:50

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:19

Sample wt/vol: 29.89(g) | Date Analyzed: 12/20/2012 16:50

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

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

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

Analysis Batch No.: 69512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.67	U	2.0	0.67	0.62
72-55-9	4,4'-DDE	0.67	U	1.7	0.67	0.39
50-29-3	4,4'-DDT	0.67	U	2.0	0.67	0.63
309-00-2	Aldrin	1.3	U	4.0	1.3	1.2
319-84-6	alpha-BHC	1.3	U	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	1.3	U	3.0	1.3	0.94
319-85-7	beta-BHC	1.3	U	3.5	1.3	1.1
319-86-8	delta-BHC	1.3	U	4.0	1.3	1.2
60-57-1	Dieldrin	0.67	U	1.7	0.67	0.47
959-98-8	Endosulfan I	0.67	U	1.7	0.67	0.52
33213-65-9	Endosulfan II	1.3	U	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	1.3	U	3.0	1.3	0.87
72-20-8	Endrin	0.67	U	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	1.3	U	3.0	1.3	1.0
53494-70-5	Endrin ketone	0.67	U	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	1.3	U	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	0.67	U	1.7	0.67	0.42
76-44-8	Heptachlor	1.3	U	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	1.3	U	2.5	1.3	0.80
72-43-5	Methoxychlor	3.3	U	5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	71		55-130
877-09-8	Tetrachloro-m-xylene	70	M	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122029.D		
Lims ID:	240-18544-E-27-F	Client ID:	076SB-0108M-0001-SO
Inject. Date:	20-Dec-2012 16:50:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016042-029		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	29
Lims Batch ID:	69512	Lims Sample ID:	29
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m		
Last Update:	21-Dec-2012 10:46:26	Calib Date:	20-Dec-2012 12:14:40
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK011		
First Level Reviewer: vandorenc		Date:	21-Dec-2012 10:46:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									M
1	100	3.620	3.618	0.002	15271951	0.0141			M
2	100	4.386	4.385	0.001	9489567	0.0132			
						RPD = 6.62			
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
7 beta-BHC									
1	100		4.839						
2	100		5.324						
22 Heptachlor									
1	100		4.906						
2	100		5.636						
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
23 Heptachlor epoxide									
1	100		5.686						
2	100		6.534						
21 gamma-Chlordane									
1	100		5.948						
2	100		6.896						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									
1	100		6.341						
2	100		7.139						
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						
3 4,4'-DDT									
1	100	7.255	7.272	-0.017	1520698	0.002012			
2	100	7.975	7.984	-0.009	487725	0.001429			
						RPD = 33.91			
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100		7.550						
2	100		8.172						
27 Methoxychlor									
1	100		7.986						
2	100		8.424						
19 Endrin ketone									
1	100		8.134						
2	100		8.569						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	9.278	9.278	0.000	14175306	0.0143			
2	100	10.395	10.390	0.005	7596770	0.0131			
						RPD = 8.95			

QC Flag Legend

Review Flags
M - Manually Integrated

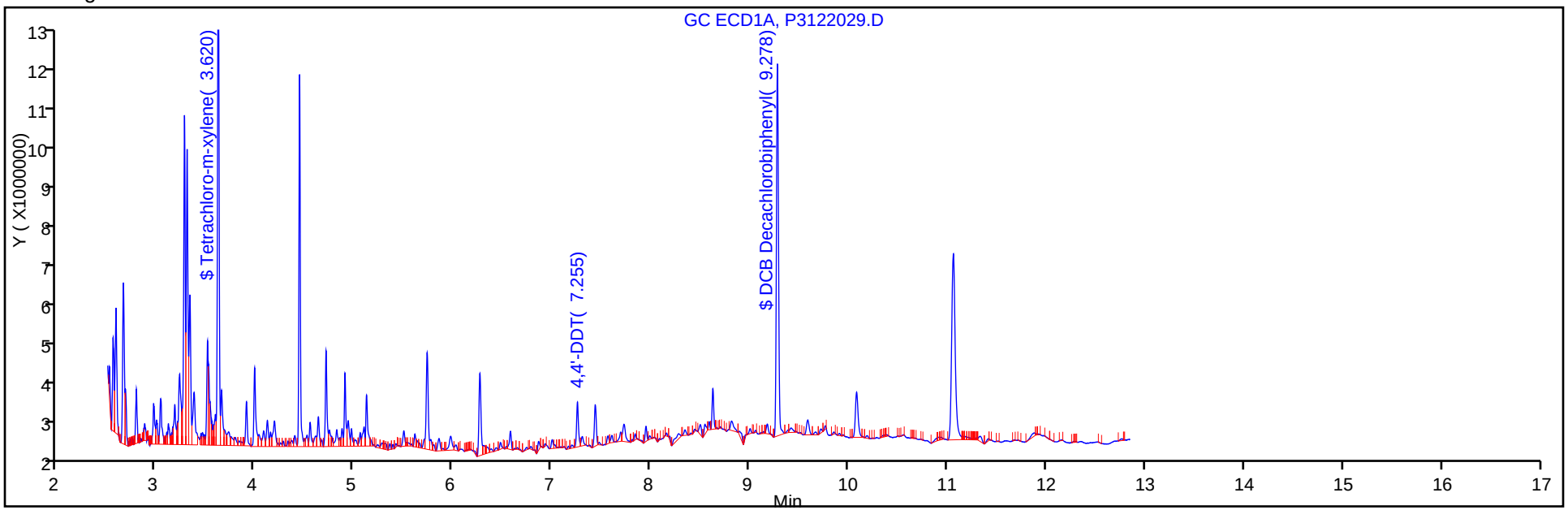
Report Date: 21-Dec-2012 10:46:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

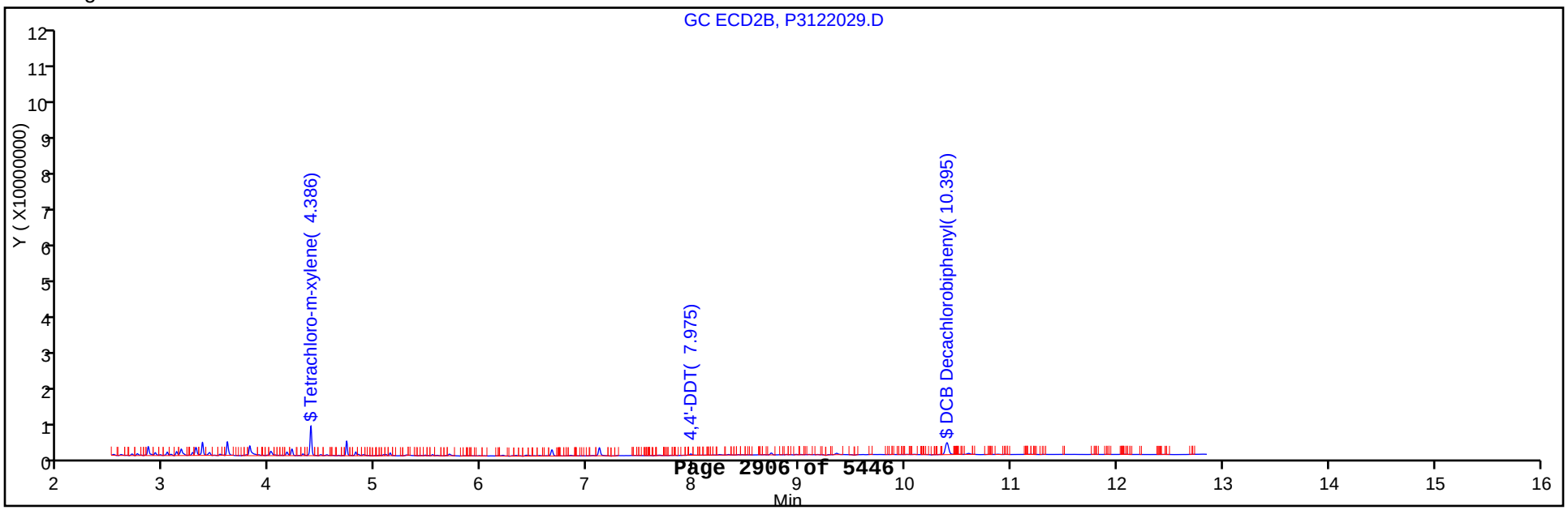
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Injection Date:	20-Dec-2012 16:50:18	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0108M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	29
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

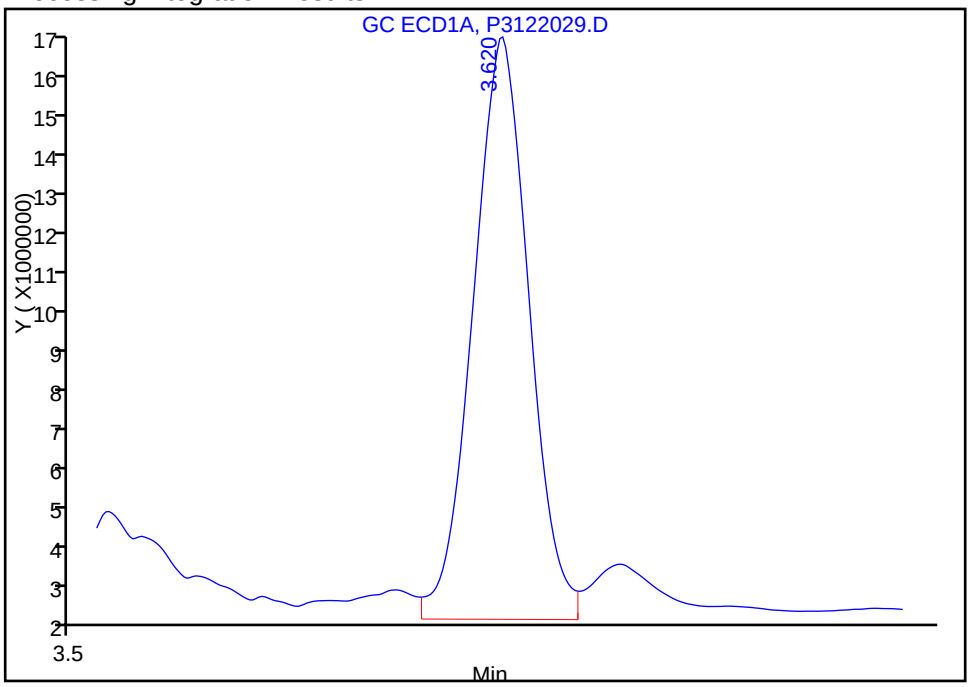
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122029.D		
Injection Date:	20-Dec-2012 16:50:18	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0108M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	29
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 29 Tetrachloro-m-xylene, Signal: 1, Type: quant, RT: 3.62, Det: GC ECD1A

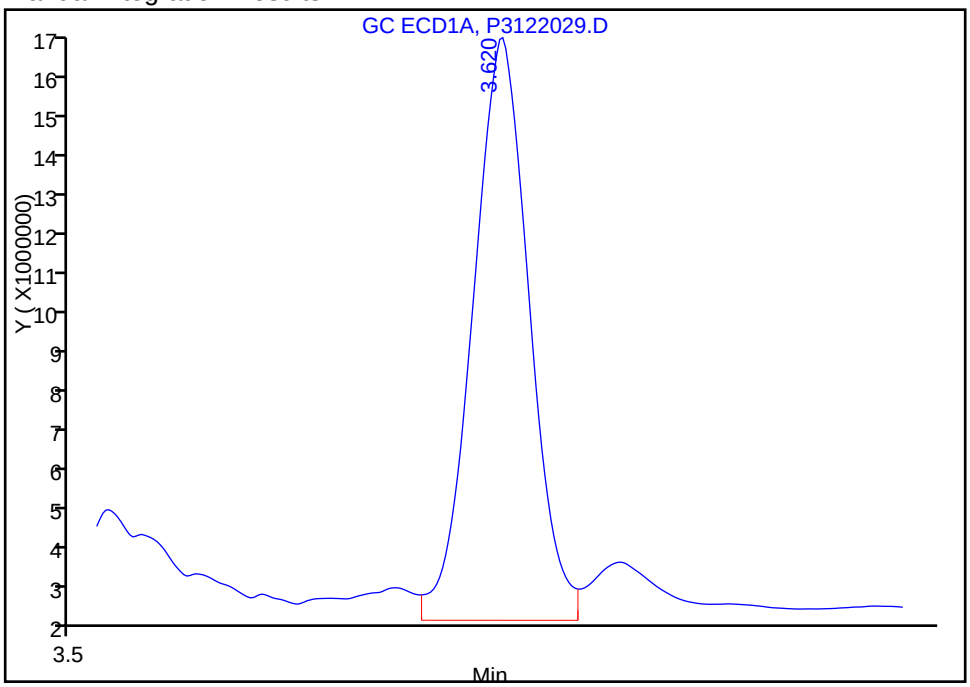
Processing Integration Results

RT: 3.62
Response: 15066501
Amount: 0.013879



Manual Integration Results

RT: 3.62
Response: 15271951
Amount: 0.014068



Reviewer: vandorenc, 21-Dec-2012 10:46:17
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0108M-0001-SO | Lab Sample ID: 240-18544-27

Matrix: Solid | Lab File ID: P3122029.D

Analysis Method: 8081/DOD | Date Collected: 12/06/2012 15:50

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:19

Sample wt/vol: 29.89(g) | Date Analyzed: 12/20/2012 16:50

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

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

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

Analysis Batch No.: 69512 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	65		55-130
877-09-8	Tetrachloro-m-xylene	66	Q	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122029.D		
Lims ID:	240-18544-E-27-F	Client ID:	076SB-0108M-0001-SO
Inject. Date:	20-Dec-2012 16:50:18	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016042-029		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	29
Lims Batch ID:	69512	Lims Sample ID:	29
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m		
Last Update:	21-Dec-2012 10:46:26	Calib Date:	20-Dec-2012 12:14:40
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK011		
First Level Reviewer: vandorenc		Date:	21-Dec-2012 10:46:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									M
1	100	3.620	3.618	0.002	15271951	0.0141			M
2	100	4.386	4.385	0.001	9489567	0.0132			
						RPD = 6.62			
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
7 beta-BHC									
1	100		4.839						
2	100		5.324						
22 Heptachlor									
1	100		4.906						
2	100		5.636						
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
23 Heptachlor epoxide									
1	100		5.686						
2	100		6.534						
21 gamma-Chlordane									
1	100		5.948						
2	100		6.896						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									
1	100		6.341						
2	100		7.139						
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						
3 4,4'-DDT									
1	100	7.255	7.272	-0.017	1520698	0.002012			
2	100	7.975	7.984	-0.009	487725	0.001429			
						RPD = 33.91			
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100		7.550						
2	100		8.172						
27 Methoxychlor									
1	100		7.986						
2	100		8.424						
19 Endrin ketone									
1	100		8.134						
2	100		8.569						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	9.278	9.278	0.000	14175306	0.0143			
2	100	10.395	10.390	0.005	7596770	0.0131			
						RPD = 8.95			

QC Flag Legend

Review Flags
M - Manually Integrated

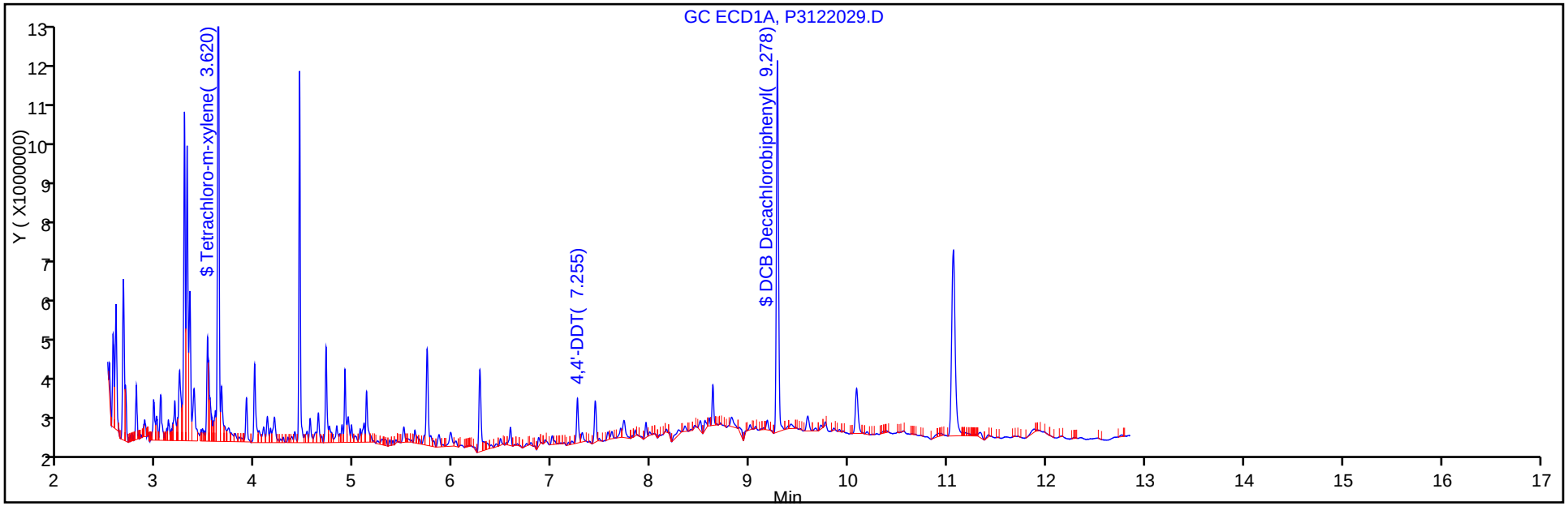
Report Date: 21-Dec-2012 10:46:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

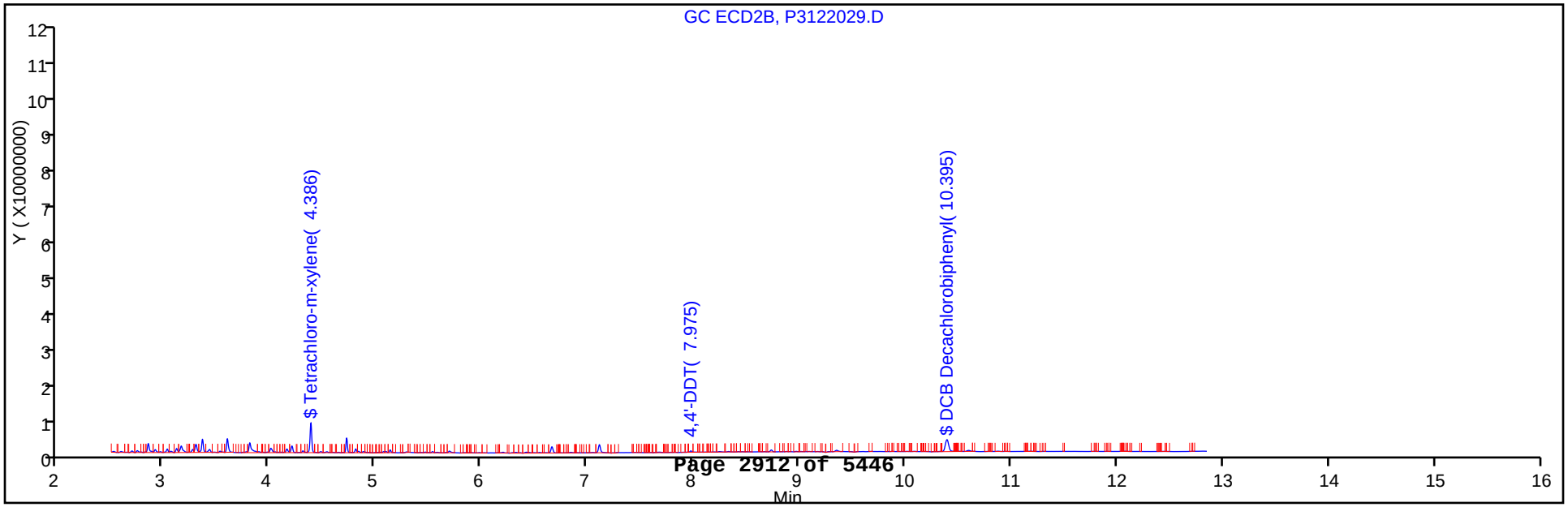
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122029.D

Injection Date:	20-Dec-2012 16:50:18	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0108M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	29
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0109M-0001-SO | Lab Sample ID: 240-18544-28

Matrix: Solid | Lab File ID: P3122030.D

Analysis Method: 8081/DOD | Date Collected: 12/06/2012 16:05

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:19

Sample wt/vol: 30.10(g) | Date Analyzed: 12/20/2012 17:11

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

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

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

Analysis Batch No.: 69512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.67	U	2.0	0.67	0.62
72-55-9	4,4'-DDE	0.67	U	1.7	0.67	0.39
50-29-3	4,4'-DDT	0.67	U	2.0	0.67	0.63
309-00-2	Aldrin	1.3	U	4.0	1.3	1.2
319-84-6	alpha-BHC	1.3	U	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	1.3	U	3.0	1.3	0.94
319-85-7	beta-BHC	1.3	U	3.5	1.3	1.1
319-86-8	delta-BHC	1.3	U	4.0	1.3	1.2
60-57-1	Dieldrin	0.67	U	1.7	0.67	0.47
959-98-8	Endosulfan I	0.67	U	1.7	0.67	0.52
33213-65-9	Endosulfan II	1.3	U	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	1.3	U	3.0	1.3	0.87
72-20-8	Endrin	0.67	U	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	1.3	U	3.0	1.3	1.0
53494-70-5	Endrin ketone	0.67	U	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	1.3	U	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	0.67	U	1.7	0.67	0.42
76-44-8	Heptachlor	1.3	U	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	1.3	U	2.5	1.3	0.80
72-43-5	Methoxychlor	3.3	U	5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		55-130
877-09-8	Tetrachloro-m-xylene	73	M	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122030.D
Lims ID: 240-18544-E-28-F Client ID: 076SB-0109M-0001-SO
Inject. Date: 20-Dec-2012 17:11:20 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016042-030
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 69512 Lims Sample ID: 30
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 09:15:43

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									M
1	100	3.619	3.618	0.001	15910142	0.0147			M
2	100	4.387	4.385	0.002	10084263	0.0140			M
						RPD = 4.64			
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
7 beta-BHC									
1	100		4.839						
2	100		5.324						
22 Heptachlor									
1	100		4.906						
2	100		5.636						
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
23 Heptachlor epoxide									
1	100		5.686						
2	100		6.534						
21 gamma-Chlordane									
1	100	5.948	5.948	0.000	620297	0.000536			
2	100	6.898	6.896	0.002	39363260	0.0665			
						RPD = 196.80			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									
1	100		6.341						
2	100		7.139						
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						
3 4,4'-DDT									
1	100	7.254	7.272	-0.018	1356502	0.001795			
2	100	7.975	7.984	-0.009	416507	0.001220			
						RPD = 38.13			
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1	7.373	7.355	0.018	72526	0.004362		100.0	
1	2	7.437	7.424	0.013	1196717	0.0306	213.1- 253.1	1650.1	
1	3	7.812	7.821	-0.009	46802	0.002579	86.0- 126.0	64.5	
1	4	7.948	7.942	0.006	708173	0.0323	113.3- 153.3	976.4	
1	5	8.280	8.278	0.002	391315	0.0151	134.3- 174.3	539.6	
			Average of Peak Amounts =			0.0170			
2	100	7.481	7.496	-0.015	4309779	0.3679		100.0	
2	2	7.813	7.818	-0.005	12346	0.001089	72.7- 112.7	0.3	
2	3	8.081	8.093	-0.012	38118	0.001947	147.8- 187.8	0.9	
2	4	8.496	8.487	0.009	10103	0.000860	78.7- 118.7	0.2	
2	5	8.971	8.970	0.001	233791	0.0302	47.3- 87.3	5.4	
			Average of Peak Amounts =			0.0804			
						RPD = 130.30			
16 Endosulfan sulfate									
1	100		7.550						
2	100		8.172						
27 Methoxychlor									
1	100		7.986						
2	100		8.424						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100		8.134						
2	100		8.569						
$ 10 DCB Decachlorobiphenyl									
1	100	9.278	9.278	0.000	14759012	0.0149			
2	100	10.393	10.390	0.003	7469883	0.0128			
						RPD = 14.65			

QC Flag Legend

Review Flags
M - Manually Integrated

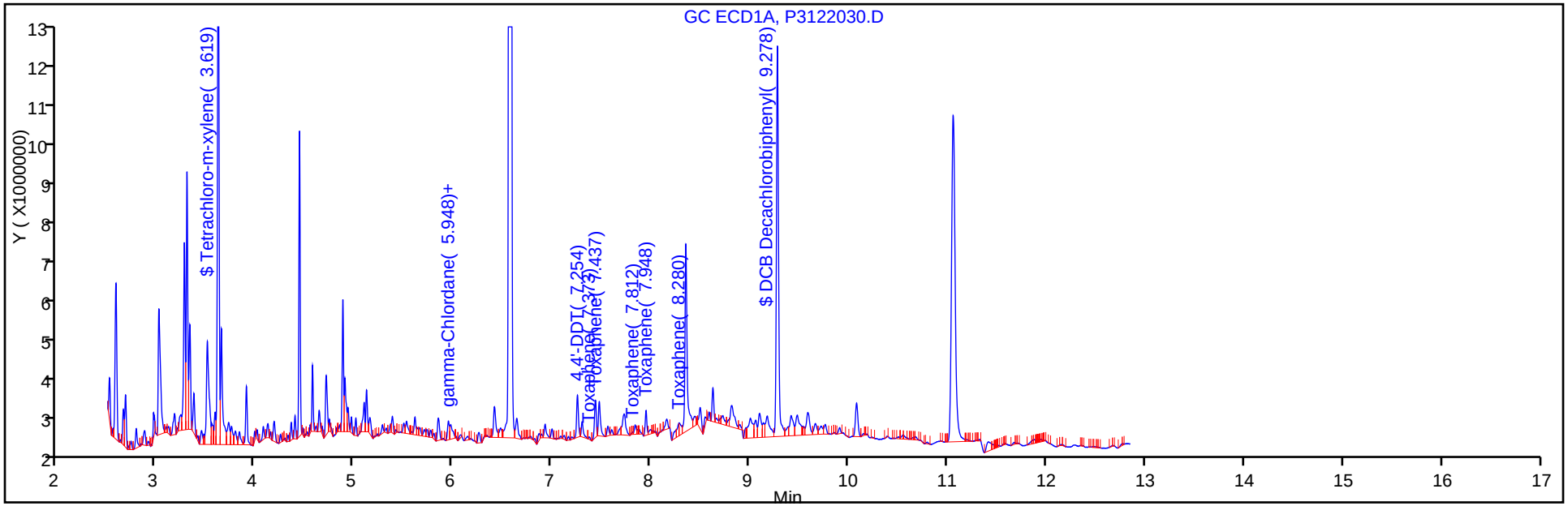
Report Date: 21-Dec-2012 09:49:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

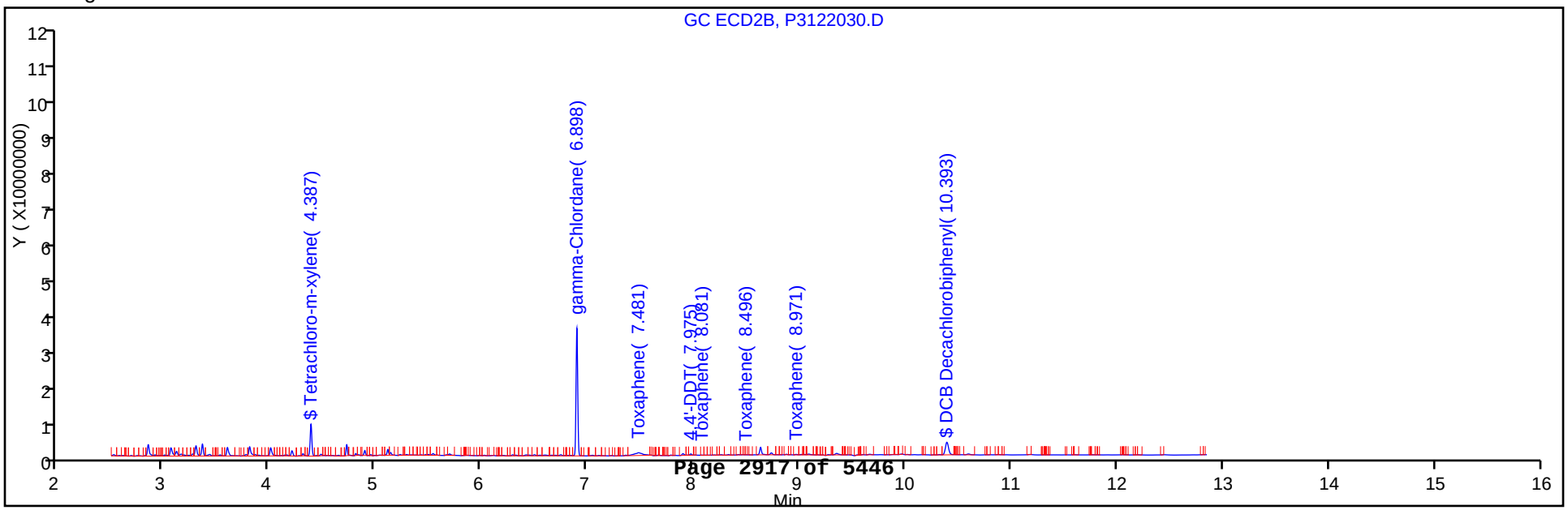
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122030.D

Injection Date:	20-Dec-2012 17:11:20	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	30
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

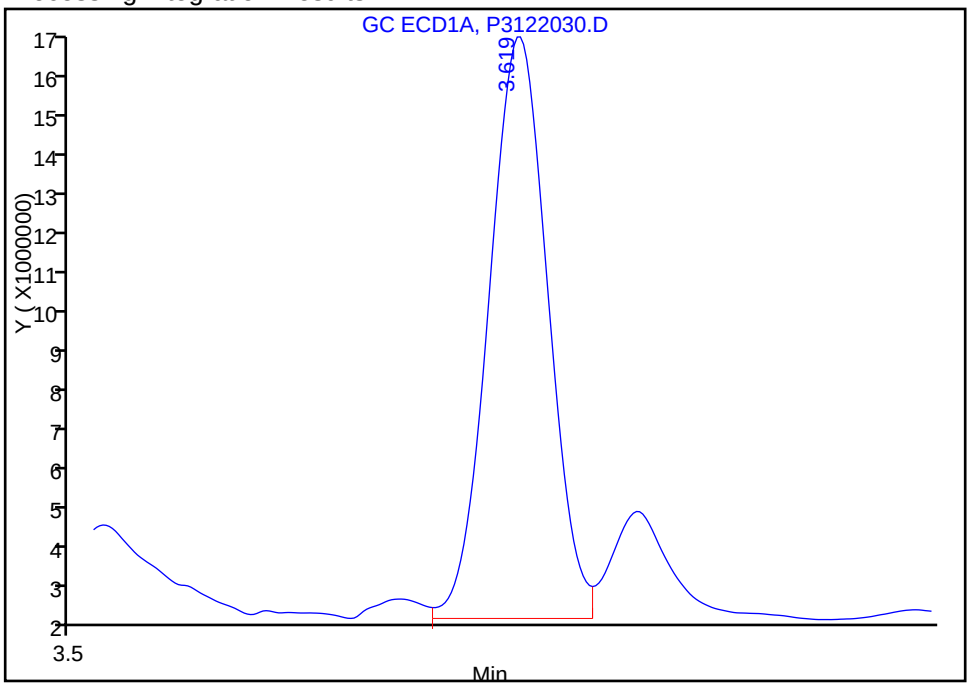
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122030.D		
Injection Date:	20-Dec-2012 17:11:20	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	30
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 29 Tetrachloro-m-xylene, Signal: 1, Type: quant, RT: 3.62, Det: GC ECD1A

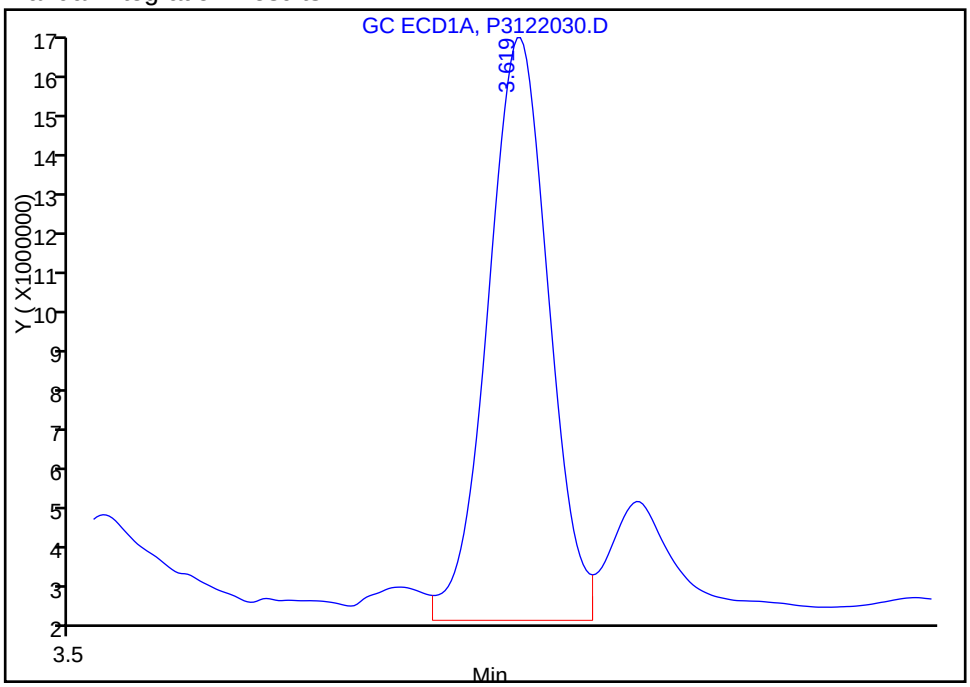
Processing Integration Results

RT: 3.62
Response: 15027231
Amount: 0.013843



Manual Integration Results

RT: 3.62
Response: 15910142
Amount: 0.014656



Reviewer: vandorenc, 21-Dec-2012 09:15:43
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0109M-0001-SO Lab Sample ID: 240-18544-28

Matrix: Solid Lab File ID: P3122030.D

Analysis Method: 8081/DOD Date Collected: 12/06/2012 16:05

Extraction Method: 3540C Date Extracted: 12/18/2012 10:19

Sample wt/vol: 30.10(g) Date Analyzed: 12/20/2012 17:11

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

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

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

Analysis Batch No.: 69512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	64		55-130
877-09-8	Tetrachloro-m-xylene	70	*M*	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122030.D
Lims ID: 240-18544-E-28-F Client ID: 076SB-0109M-0001-SO
Inject. Date: 20-Dec-2012 17:11:20 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016042-030
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 69512 Lims Sample ID: 30
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 09:15:43

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									M
1	100	3.619	3.618	0.001	15910142	0.0147			M
2	100	4.387	4.385	0.002	10084263	0.0140			M
						RPD = 4.64			
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
7 beta-BHC									
1	100		4.839						
2	100		5.324						
22 Heptachlor									
1	100		4.906						
2	100		5.636						
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
23 Heptachlor epoxide									
1	100		5.686						
2	100		6.534						
21 gamma-Chlordane									
1	100	5.948	5.948	0.000	620297	0.000536			
2	100	6.898	6.896	0.002	39363260	0.0665			
						RPD = 196.80			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									
1	100		6.341						
2	100		7.139						
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						
3 4,4'-DDT									
1	100	7.254	7.272	-0.018	1356502	0.001795			
2	100	7.975	7.984	-0.009	416507	0.001220			
						RPD = 38.13			
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1	7.373	7.355	0.018	72526	0.004362		100.0	
1	2	7.437	7.424	0.013	1196717	0.0306	213.1- 253.1	1650.1	
1	3	7.812	7.821	-0.009	46802	0.002579	86.0- 126.0	64.5	
1	4	7.948	7.942	0.006	708173	0.0323	113.3- 153.3	976.4	
1	5	8.280	8.278	0.002	391315	0.0151	134.3- 174.3	539.6	
			Average of Peak Amounts =			0.0170			
2	100	7.481	7.496	-0.015	4309779	0.3679		100.0	
2	2	7.813	7.818	-0.005	12346	0.001089	72.7- 112.7	0.3	
2	3	8.081	8.093	-0.012	38118	0.001947	147.8- 187.8	0.9	
2	4	8.496	8.487	0.009	10103	0.000860	78.7- 118.7	0.2	
2	5	8.971	8.970	0.001	233791	0.0302	47.3- 87.3	5.4	
			Average of Peak Amounts =			0.0804			
						RPD = 130.30			
16 Endosulfan sulfate									
1	100		7.550						
2	100		8.172						
27 Methoxychlor									
1	100		7.986						
2	100		8.424						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100		8.134						
2	100		8.569						
$ 10 DCB Decachlorobiphenyl									
1	100	9.278	9.278	0.000	14759012	0.0149			
2	100	10.393	10.390	0.003	7469883	0.0128			
						RPD = 14.65			

QC Flag Legend

Review Flags
M - Manually Integrated

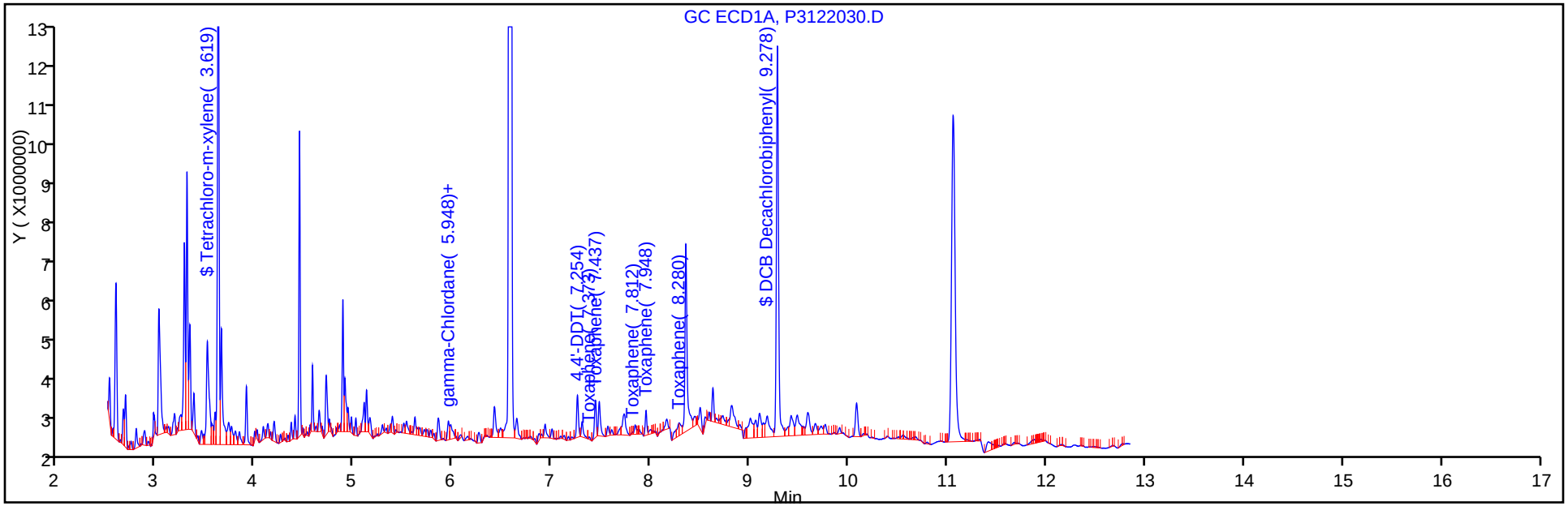
Report Date: 21-Dec-2012 09:49:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

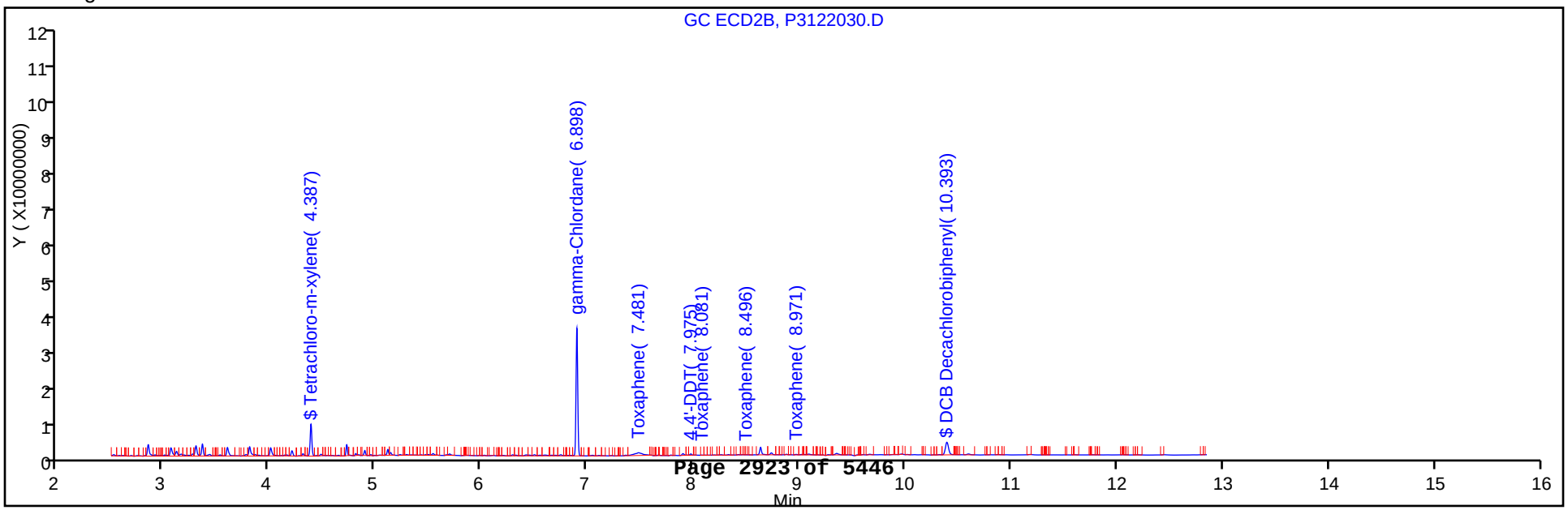
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122030.D

Injection Date:	20-Dec-2012 17:11:20	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	30
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

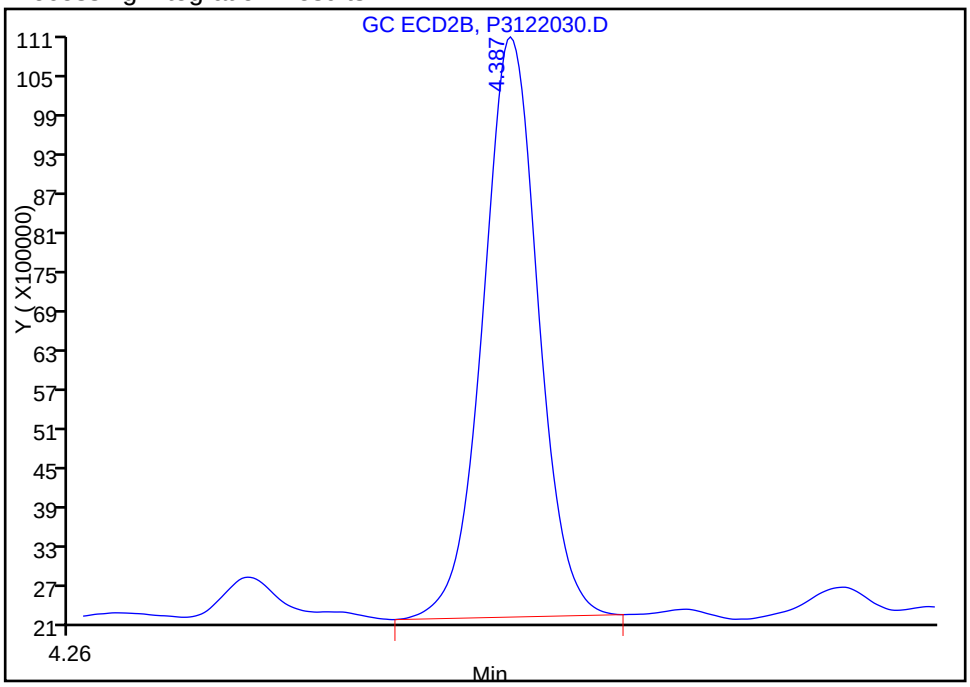
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122030.D		
Injection Date:	20-Dec-2012 17:11:20	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	30
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 29 Tetrachloro-m-xylene, Signal: 2, Type: quant, RT: 4.38, Det: GC ecd2b

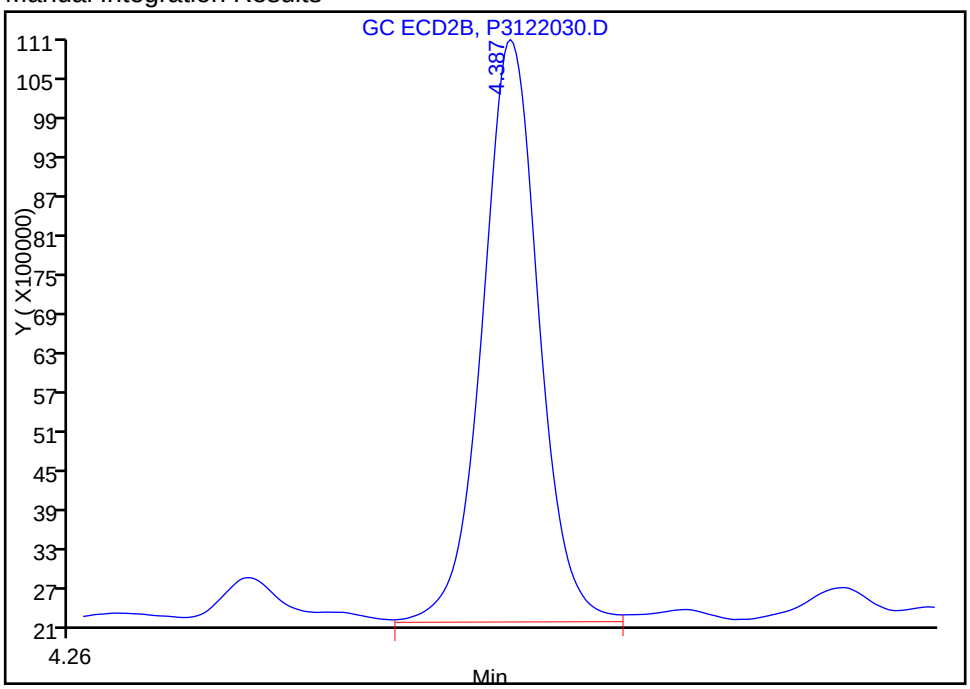
Processing Integration Results

RT: 4.39
Response: 9806900
Amount: 0.013607



Manual Integration Results

RT: 4.39
Response: 10084263
Amount: 0.013991



Reviewer: vandorenc, 21-Dec-2012 09:15:43
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0110M-0001-SO | Lab Sample ID: 240-18544-29

Matrix: Solid | Lab File ID: P9122226.D

Analysis Method: 8081/DOD | Date Collected: 12/06/2012 17:04

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:19

Sample wt/vol: 30.16(g) | Date Analyzed: 12/22/2012 21:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 5

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

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

Analysis Batch No.: 69893 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	3.3	U	9.9	3.3	3.1
72-55-9	4,4'-DDE	3.3	U	8.5	3.3	1.9
50-29-3	4,4'-DDT	3.3	U	9.9	3.3	3.1
309-00-2	Aldrin	6.6	U	20	6.6	6.0
319-84-6	alpha-BHC	6.6	U	12	6.6	3.6
5103-71-9	alpha-Chlordane	6.6	U	15	6.6	4.7
319-85-7	beta-BHC	6.6	U	17	6.6	5.5
319-86-8	delta-BHC	6.6	U	20	6.6	6.0
60-57-1	Dieldrin	3.3	U	8.5	3.3	2.3
959-98-8	Endosulfan I	3.3	U	8.5	3.3	2.6
33213-65-9	Endosulfan II	6.6	U	12	6.6	4.1
1031-07-8	Endosulfan sulfate	6.6	U	15	6.6	4.3
72-20-8	Endrin	3.3	U	8.5	3.3	2.5
7421-93-4	Endrin aldehyde	6.6	U	15	6.6	5.0
53494-70-5	Endrin ketone	3.3	U	9.9	3.3	3.1
58-89-9	gamma-BHC (Lindane)	6.6	U	12	6.6	3.7
5103-74-2	gamma-Chlordane	3.3	U	8.5	3.3	2.1
76-44-8	Heptachlor	6.6	U	17	6.6	5.5
1024-57-3	Heptachlor epoxide	6.6	U	12	6.6	4.0
72-43-5	Methoxychlor	16	U	25	16	7.5
8001-35-2	Toxaphene	99	U	330	99	94

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		55-130
877-09-8	Tetrachloro-m-xylene	90		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122226.D		
Lims ID:	240-18544-E-29-F	Client ID:	076SB-0110M-0001-SO
Inject. Date:	22-Dec-2012 21:42:50	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0016122-026		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	26
Lims Batch ID:	69893	Lims Sample ID:	26
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m		
Last Update:	03-Jan-2013 07:24:17	Calib Date:	22-Dec-2012 17:38:19
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK036		
First Level Reviewer: vandorenc		Date:	03-Jan-2013 06:45:47

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									M
1	100	3.499	3.499	0.000	9824526	0.003613			
2	100	4.089	4.089	0.000	60824123	0.006931			M
						RPD = 62.93			
5 alpha-BHC									
1	100		4.182						
2	100		4.913						
20 gamma-BHC (Lindane)									
1	100		4.557						
2	100		5.467						
7 beta-BHC									
1	100		4.689						
2	100		5.643						
11 delta-BHC									
1	100		4.902						
2	100		6.192						
22 Heptachlor									
1	100		5.183						
2	100		6.289						
4 Aldrin									
1	100		5.633						
2	100		7.005						
23 Heptachlor epoxide									
1	100		6.860						
2	100		8.492						
21 gamma-Chlordane									
1	100		7.166						
2	100		8.919						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									
1	100		7.516						
2	100		9.232						
14 Endosulfan I									
1	100		7.794						
2	100		9.294						
2 4,4'-DDE									
1	100		7.899						
2	100		9.694						
13 Dieldrin									
1	100		8.361						
2	100		9.829						
17 Endrin									
1	100		8.818						
2	100		10.351						
1 4,4'-DDD									
1	100		9.185						
2	100		10.724						
15 Endosulfan II									
1	100		9.269						
2	100		10.724						
30 Toxaphene									
1	100		9.498						
1	2		9.949						
1	3		10.015						
1	4		10.599						
1	5		11.165						
2	100		10.886						
2	2		11.435						
2	3		11.836						
2	4		12.064						
2	5		12.451						
3 4,4'-DDT									
1	100		9.706						
2	100		11.209						
18 Endrin aldehyde									
1	100		10.065						
2	100		11.297						
27 Methoxychlor									
1	100		10.659						
2	100		12.288						
16 Endosulfan sulfate									
1	100		10.789						
2	100		11.730						
19 Endrin ketone									
1	100		11.188						
2	100		12.467						
$ 10 DCB Decachlorobiphenyl									
1	100	12.802	12.802	0.000	8241271	0.003228			
2	100	14.246	14.247	-0.001	23352468	0.003438			

RPD = 6.28

QC Flag Legend

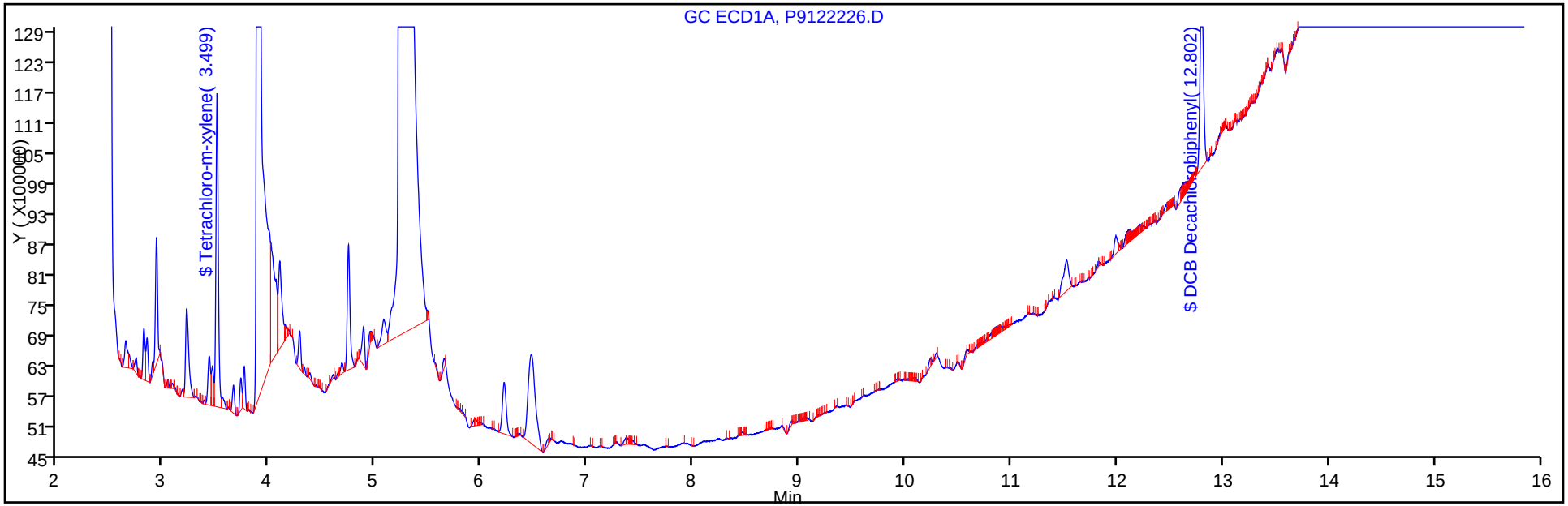
Review Flags
M - Manually Integrated

Report Date: 03-Jan-2013 07:24:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

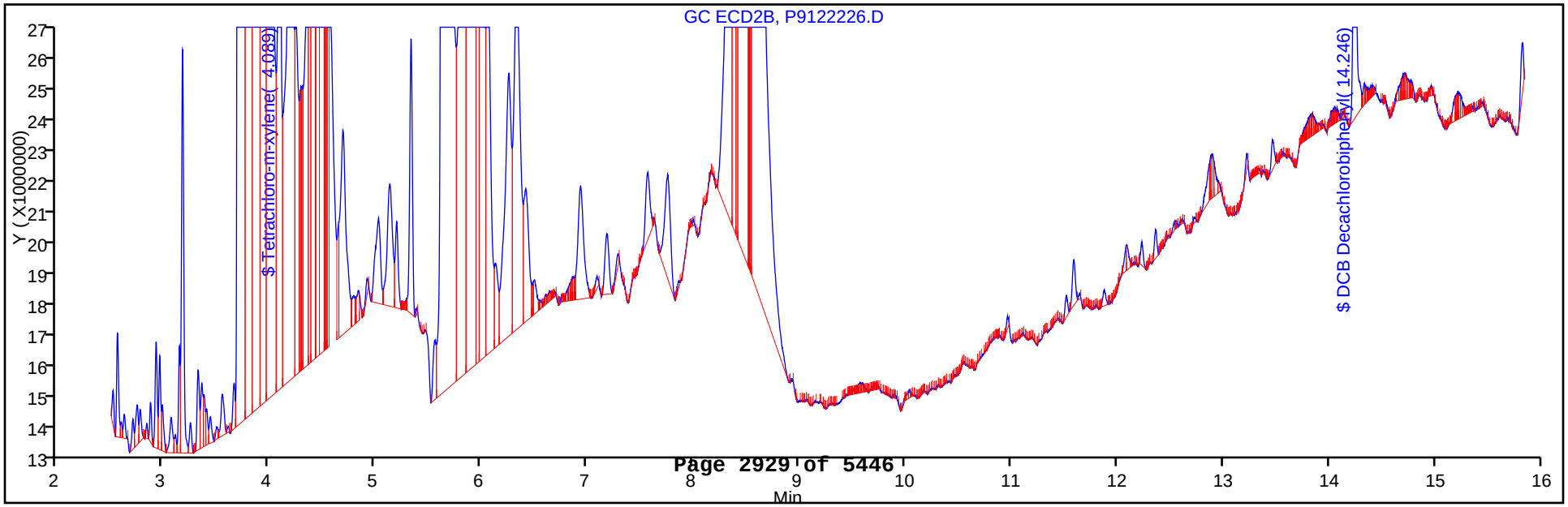
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122226.D		
Injection Date:	22-Dec-2012 21:42:50	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	26
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0110M-0001-SO Lab Sample ID: 240-18544-29

Matrix: Solid Lab File ID: P9122226.D

Analysis Method: 8081/DOD Date Collected: 12/06/2012 17:04

Extraction Method: 3540C Date Extracted: 12/18/2012 10:19

Sample wt/vol: 30.16(g) Date Analyzed: 12/22/2012 21:42

Con. Extract Vol.: 10(mL) Dilution Factor: 5

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

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

Analysis Batch No.: 69893 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		55-130
877-09-8	Tetrachloro-m-xylene	173	*M Q*	70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122226.D		
Lims ID:	240-18544-E-29-F	Client ID:	076SB-0110M-0001-SO
Inject. Date:	22-Dec-2012 21:42:50	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0016122-026		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	26
Lims Batch ID:	69893	Lims Sample ID:	26
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m		
Last Update:	03-Jan-2013 07:24:17	Calib Date:	22-Dec-2012 17:38:19
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK036		
First Level Reviewer: vandorenc		Date:	03-Jan-2013 06:45:47

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									M
1	100	3.499	3.499	0.000	9824526	0.003613			
2	100	4.089	4.089	0.000	60824123	0.006931			M
						RPD = 62.93			
5 alpha-BHC									
1	100		4.182						
2	100		4.913						
20 gamma-BHC (Lindane)									
1	100		4.557						
2	100		5.467						
7 beta-BHC									
1	100		4.689						
2	100		5.643						
11 delta-BHC									
1	100		4.902						
2	100		6.192						
22 Heptachlor									
1	100		5.183						
2	100		6.289						
4 Aldrin									
1	100		5.633						
2	100		7.005						
23 Heptachlor epoxide									
1	100		6.860						
2	100		8.492						
21 gamma-Chlordane									
1	100		7.166						
2	100		8.919						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									
1	100		7.516						
2	100		9.232						
14 Endosulfan I									
1	100		7.794						
2	100		9.294						
2 4,4'-DDE									
1	100		7.899						
2	100		9.694						
13 Dieldrin									
1	100		8.361						
2	100		9.829						
17 Endrin									
1	100		8.818						
2	100		10.351						
1 4,4'-DDD									
1	100		9.185						
2	100		10.724						
15 Endosulfan II									
1	100		9.269						
2	100		10.724						
30 Toxaphene									
1	100		9.498						
1	2		9.949						
1	3		10.015						
1	4		10.599						
1	5		11.165						
2	100		10.886						
2	2		11.435						
2	3		11.836						
2	4		12.064						
2	5		12.451						
3 4,4'-DDT									
1	100		9.706						
2	100		11.209						
18 Endrin aldehyde									
1	100		10.065						
2	100		11.297						
27 Methoxychlor									
1	100		10.659						
2	100		12.288						
16 Endosulfan sulfate									
1	100		10.789						
2	100		11.730						
19 Endrin ketone									
1	100		11.188						
2	100		12.467						
$ 10 DCB Decachlorobiphenyl									
1	100	12.802	12.802	0.000	8241271	0.003228			
2	100	14.246	14.247	-0.001	23352468	0.003438			

RPD = 6.28

QC Flag Legend

Review Flags
M - Manually Integrated

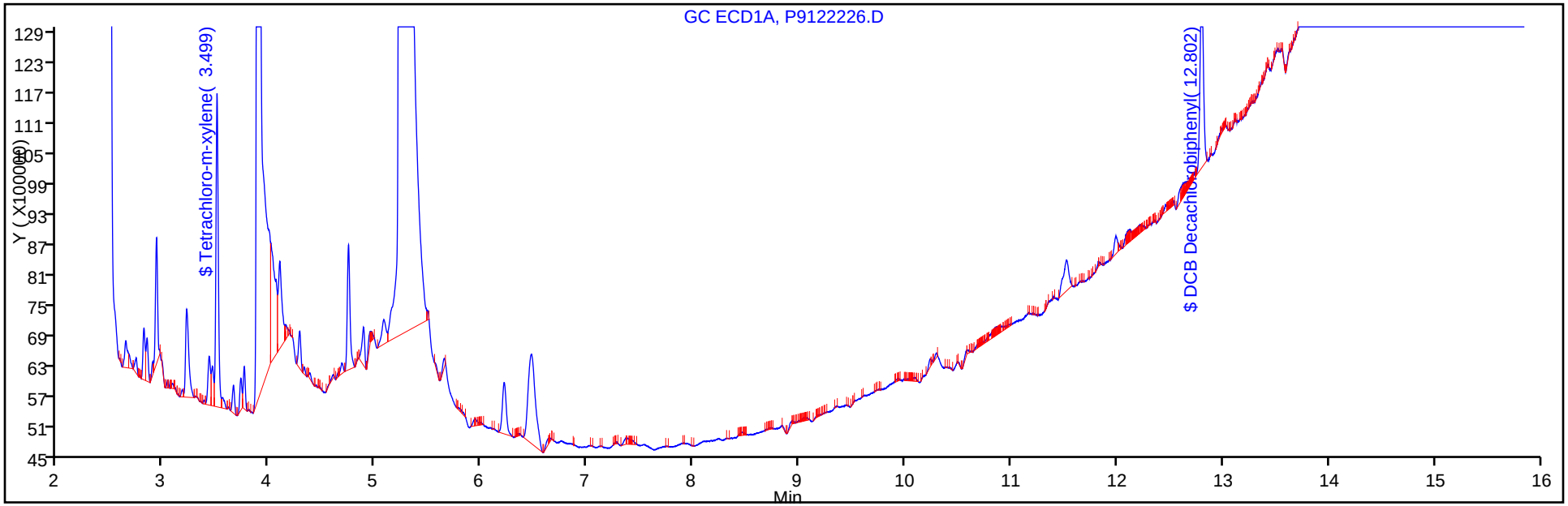
Report Date: 03-Jan-2013 07:24:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

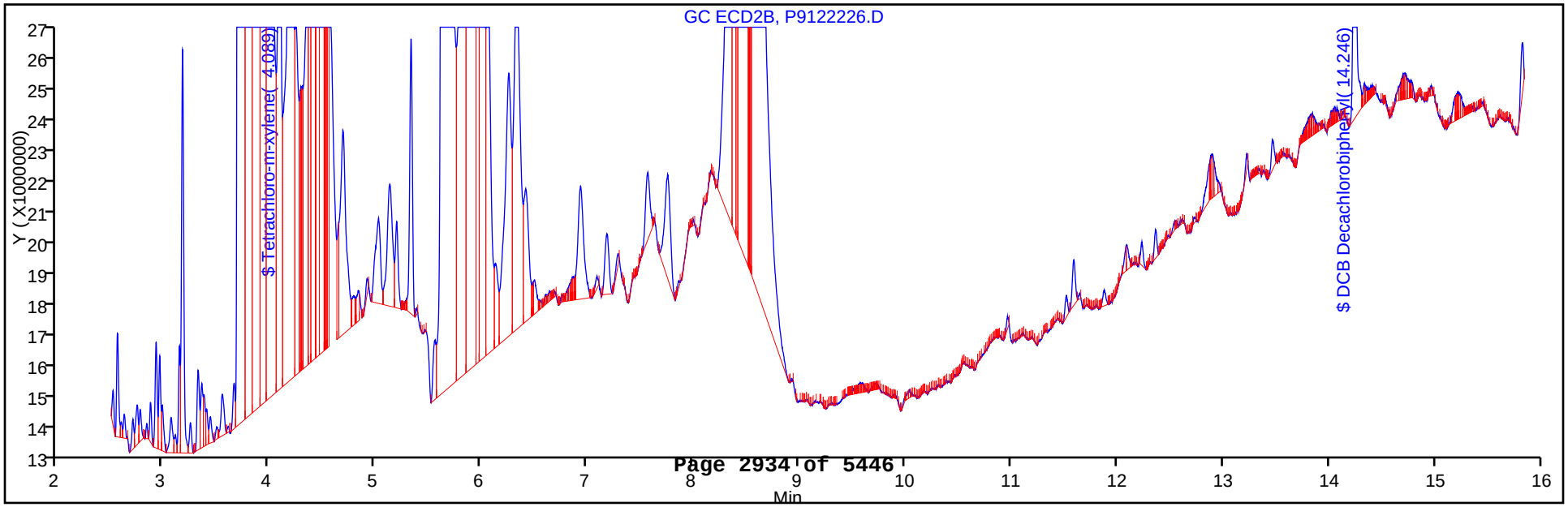
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Injection Date:	22-Dec-2012 21:42:50	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	26
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 03-Jan-2013 07:24:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

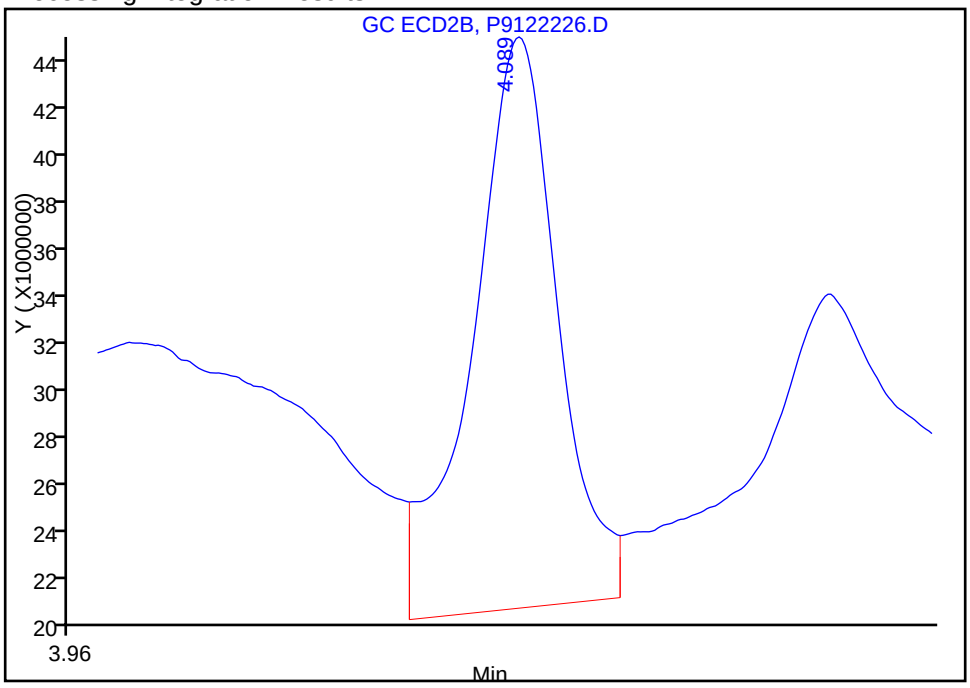
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122226.D		
Injection Date:	22-Dec-2012 21:42:50	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	26
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 29 Tetrachloro-m-xylene, Signal: 2, Type: quant, RT: 4.09, Det: GC ecd2b

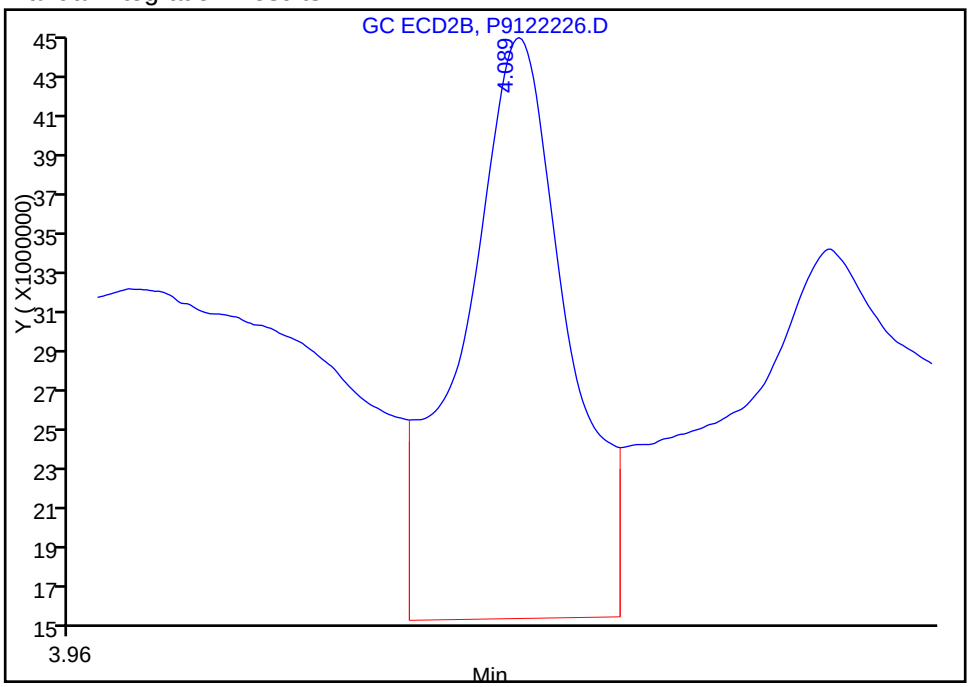
Processing Integration Results

RT: 4.09
Response: 40442161
Amount: 0.004609



Manual Integration Results

RT: 4.09
Response: 60824123
Amount: 0.006931



Reviewer: vandorenc, 03-Jan-2013 06:45:47
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO | Lab Sample ID: 240-18544-31

Matrix: Solid | Lab File ID: P3122032.D

Analysis Method: 8081/DOD | Date Collected: 12/06/2012 17:25

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:19

Sample wt/vol: 29.76(g) | Date Analyzed: 12/20/2012 17:52

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

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

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

Analysis Batch No.: 69512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	6.8	U	20	6.8	6.3
72-55-9	4,4'-DDE	6.8	U	17	6.8	3.9
50-29-3	4,4'-DDT	14	J D	20	6.8	6.4
309-00-2	Aldrin	13	U	40	13	12
319-84-6	alpha-BHC	13	U	25	13	7.4
5103-71-9	alpha-Chlordane	13	U	30	13	9.5
319-85-7	beta-BHC	13	U	35	13	11
319-86-8	delta-BHC	13	U	40	13	12
60-57-1	Dieldrin	6.8	U	17	6.8	4.7
959-98-8	Endosulfan I	6.8	U	17	6.8	5.2
33213-65-9	Endosulfan II	13	U	25	13	8.3
1031-07-8	Endosulfan sulfate	13	U	30	13	8.8
72-20-8	Endrin	6.8	U	17	6.8	5.0
7421-93-4	Endrin aldehyde	13	U	30	13	10
53494-70-5	Endrin ketone	6.8	U	20	6.8	6.4
58-89-9	gamma-BHC (Lindane)	13	U	25	13	7.5
5103-74-2	gamma-Chlordane	6.8	U	17	6.8	4.2
76-44-8	Heptachlor	13	U	35	13	11
1024-57-3	Heptachlor epoxide	13	U	25	13	8.1
72-43-5	Methoxychlor	33	U	50	33	15
8001-35-2	Toxaphene	200	U	680	200	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		55-130
877-09-8	Tetrachloro-m-xylene	80		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122032.D		
Lims ID:	240-18544-E-31-F	Client ID:	076SB-0112M-0001-SO
Inject. Date:	20-Dec-2012 17:52:52	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	240-0016042-032		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	69512	Lims Sample ID:	32
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m		
Last Update:	21-Dec-2012 09:49:40	Calib Date:	20-Dec-2012 12:14:40
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK011		
First Level Reviewer: vandorenc		Date:	21-Dec-2012 09:19:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.618	0.000	1738041	0.001601			
2	100	4.387	4.385	0.002	1346111	0.001868			
						RPD = 15.37			
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
7 beta-BHC									
1	100		4.839						
2	100		5.324						
22 Heptachlor									
1	100		4.906						
2	100		5.636						
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
23 Heptachlor epoxide									
1	100		5.686						
2	100		6.534						
21 gamma-Chlordane									
1	100		5.948						
2	100		6.896						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									
1	100		6.341						
2	100		7.139						
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						
3 4,4'-DDT									
1	100	7.261	7.272	-0.011	3253157	0.004304			
2	100	8.003	7.984	0.019	1469698	0.004305			
						RPD = 0.01			
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100	7.562	7.550	0.012	531521	0.000604			
2	100	8.154	8.172	-0.018	264987	0.000621			
						RPD = 2.84			
27 Methoxychlor									
1	100		7.986						
2	100		8.424						
19 Endrin ketone									
1	100		8.134						
2	100		8.569						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	9.278	9.278	0.000	1722676	0.001735			
2	100	10.397	10.390	0.007	831626	0.001429			
						RPD = 19.34			

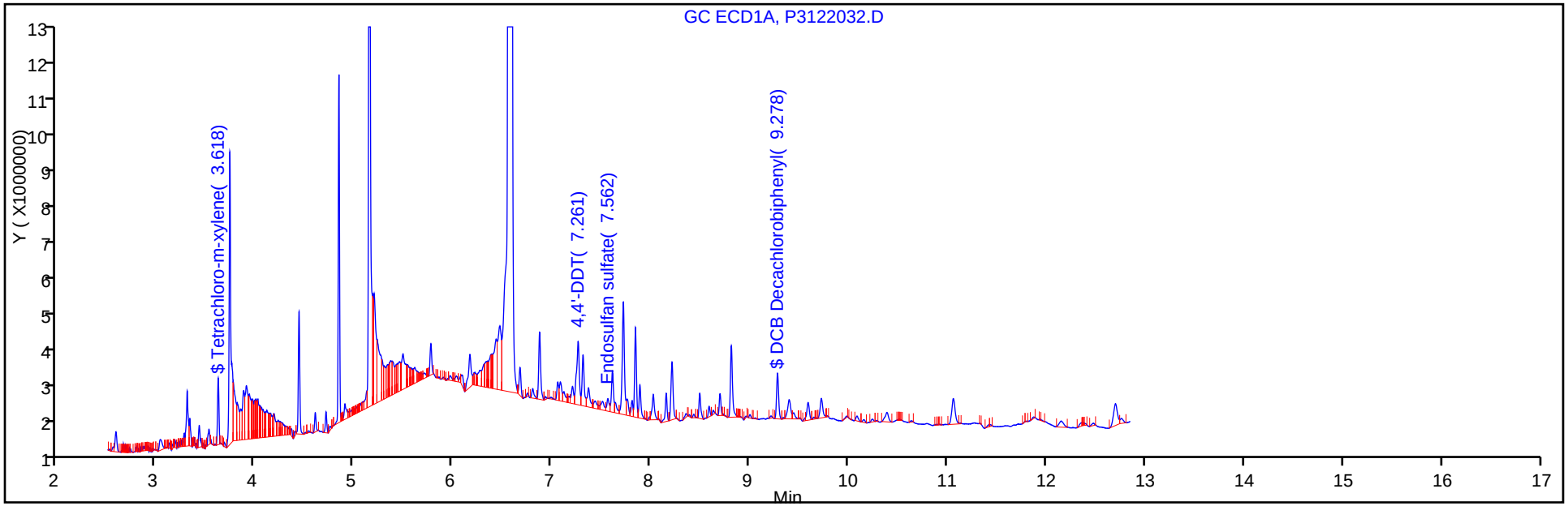
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TestAmerica Canton

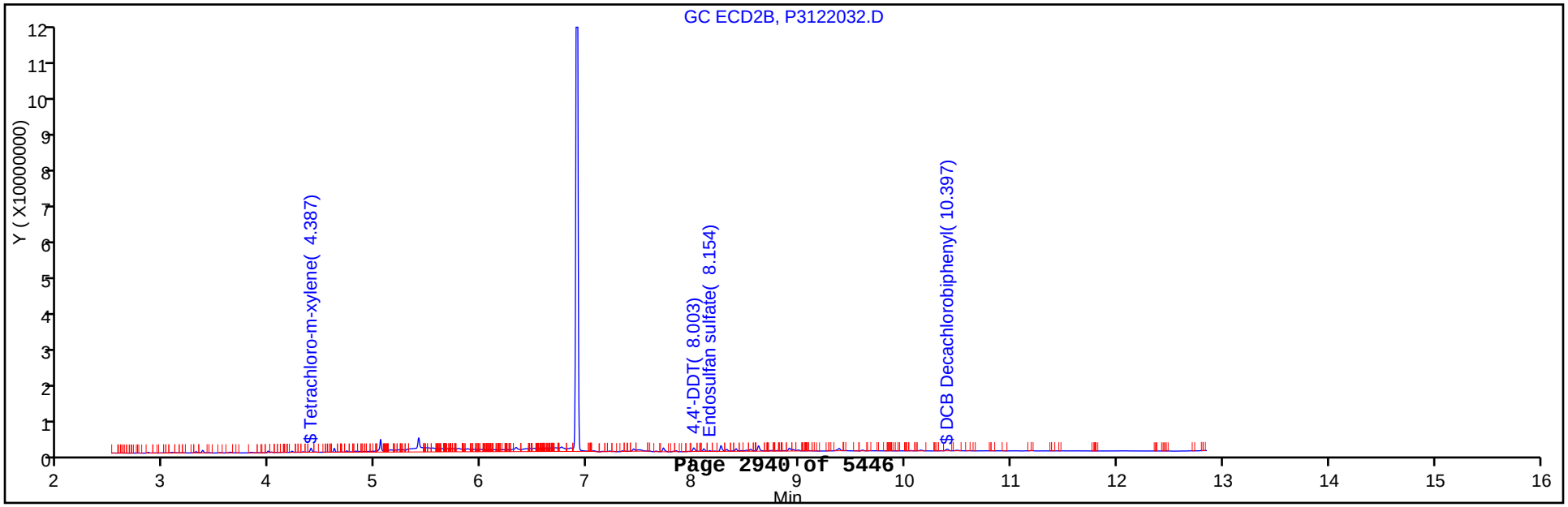
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Injection Date:	20-Dec-2012 17:52:52	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	32
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO Lab Sample ID: 240-18544-31

Matrix: Solid Lab File ID: P3122032.D

Analysis Method: 8081/DOD Date Collected: 12/06/2012 17:25

Extraction Method: 3540C Date Extracted: 12/18/2012 10:19

Sample wt/vol: 29.76(g) Date Analyzed: 12/20/2012 17:52

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

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

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

Analysis Batch No.: 69512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	71		55-130
877-09-8	Tetrachloro-m-xylene	93		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122032.D		
Lims ID:	240-18544-E-31-F	Client ID:	076SB-0112M-0001-SO
Inject. Date:	20-Dec-2012 17:52:52	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	240-0016042-032		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	69512	Lims Sample ID:	32
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m		
Last Update:	21-Dec-2012 09:49:40	Calib Date:	20-Dec-2012 12:14:40
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK011		
First Level Reviewer: vandorenc		Date:	21-Dec-2012 09:19:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.618	0.000	1738041	0.001601			
2	100	4.387	4.385	0.002	1346111	0.001868			
						RPD = 15.37			
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
7 beta-BHC									
1	100		4.839						
2	100		5.324						
22 Heptachlor									
1	100		4.906						
2	100		5.636						
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
23 Heptachlor epoxide									
1	100		5.686						
2	100		6.534						
21 gamma-Chlordane									
1	100		5.948						
2	100		6.896						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									
1	100		6.341						
2	100		7.139						
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						
3 4,4'-DDT									
1	100	7.261	7.272	-0.011	3253157	0.004304			
2	100	8.003	7.984	0.019	1469698	0.004305			
						RPD = 0.01			
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100	7.562	7.550	0.012	531521	0.000604			
2	100	8.154	8.172	-0.018	264987	0.000621			
						RPD = 2.84			
27 Methoxychlor									
1	100		7.986						
2	100		8.424						
19 Endrin ketone									
1	100		8.134						
2	100		8.569						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	9.278	9.278	0.000	1722676	0.001735			
2	100	10.397	10.390	0.007	831626	0.001429			
						RPD = 19.34			

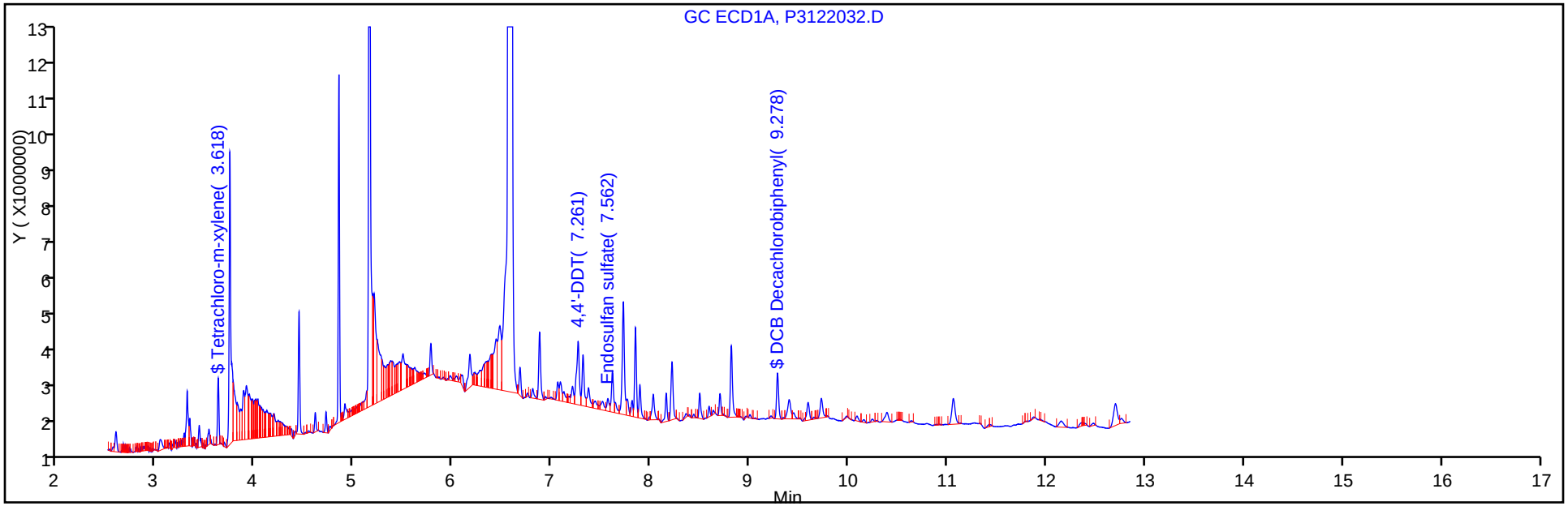
Report Date: 21-Dec-2012 09:49:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

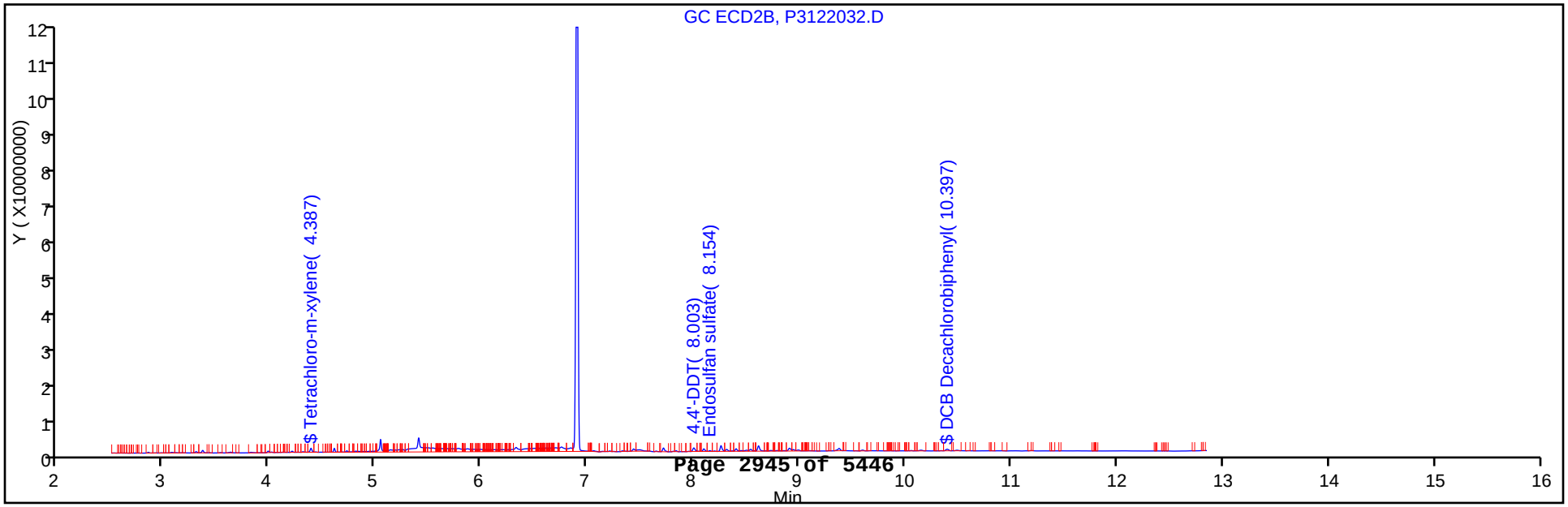
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Injection Date:	20-Dec-2012 17:52:52	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	32
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0114M-0001-SO | Lab Sample ID: 240-18544-33

Matrix: Solid | Lab File ID: P3122034.D

Analysis Method: 8081/DOD | Date Collected: 12/06/2012 17:35

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:19

Sample wt/vol: 29.89(g) | Date Analyzed: 12/20/2012 18:35

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

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

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

Analysis Batch No.: 69512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.67	U	2.0	0.67	0.62
72-55-9	4,4'-DDE	0.67	U	1.7	0.67	0.39
50-29-3	4,4'-DDT	0.67	U	2.0	0.67	0.63
309-00-2	Aldrin	1.3	U	4.0	1.3	1.2
319-84-6	alpha-BHC	1.3	U	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	1.3	U	3.0	1.3	0.94
319-85-7	beta-BHC	1.3	U	3.5	1.3	1.1
319-86-8	delta-BHC	1.3	U	4.0	1.3	1.2
60-57-1	Dieldrin	0.67	U	1.7	0.67	0.47
959-98-8	Endosulfan I	0.67	U	1.7	0.67	0.52
33213-65-9	Endosulfan II	1.3	U	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	1.3	U	3.0	1.3	0.87
72-20-8	Endrin	0.67	U	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	1.3	U	3.0	1.3	1.0
53494-70-5	Endrin ketone	0.67	U	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	1.3	U	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	0.67	U	1.7	0.67	0.42
76-44-8	Heptachlor	1.3	U	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	1.3	U	2.5	1.3	0.80
72-43-5	Methoxychlor	3.3	U	5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		55-130
877-09-8	Tetrachloro-m-xylene	78		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122034.D
Lims ID: 240-18544-E-33-F
Client ID: 076SB-0114M-0001-SO
Inject. Date: 20-Dec-2012 18:35:42
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016042-034
Misc. Info.:
Operator: 093905
Instrument ID: A2HP3
Injection Vol: 1.0 ul
ALS Bottle#: 34
Lims Batch ID: 69512
Lims Sample ID: 34
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40
Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc
Date: 21-Dec-2012 09:22:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.619	3.618	0.001	16830686	0.0155			
2	100	4.387	4.385	0.002	11279822	0.0157			
						RPD = 0.94			
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
7 beta-BHC									
1	100		4.839						
2	100		5.324						
22 Heptachlor									
1	100		4.906						
2	100		5.636						
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
23 Heptachlor epoxide									
1	100	5.701	5.686	0.015	696339	0.000650			
2	100	6.547	6.534	0.013	288221	0.000511			
						RPD = 23.92			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	5.941	5.948	-0.007	660339	0.000571			
2	100	6.899	6.896	0.003	26034576	0.0440			
						RPD = 194.87			
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									1
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									
1	100	6.342	6.341	0.001	171342	0.000143			7
2	100	7.143	7.139	0.004	117936	0.000159			7
						RPD = 10.71			
LOD = 0.000500									
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						
3 4,4'-DDT									
1	100	7.255	7.272	-0.017	2292304	0.003033			
2	100	7.977	7.984	-0.007	329904	0.000966			
						RPD = 103.35			
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100		7.550						
2	100		8.172						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100		7.986						
2	100		8.424						
19 Endrin ketone									
1	100		8.134						
2	100		8.569						
$ 10 DCB Decachlorobiphenyl									
1	100	9.278	9.278	0.000	17609971	0.0177			
2	100	10.396	10.390	0.006	8544673	0.0147			
						RPD = 18.84			

QC Flag Legend

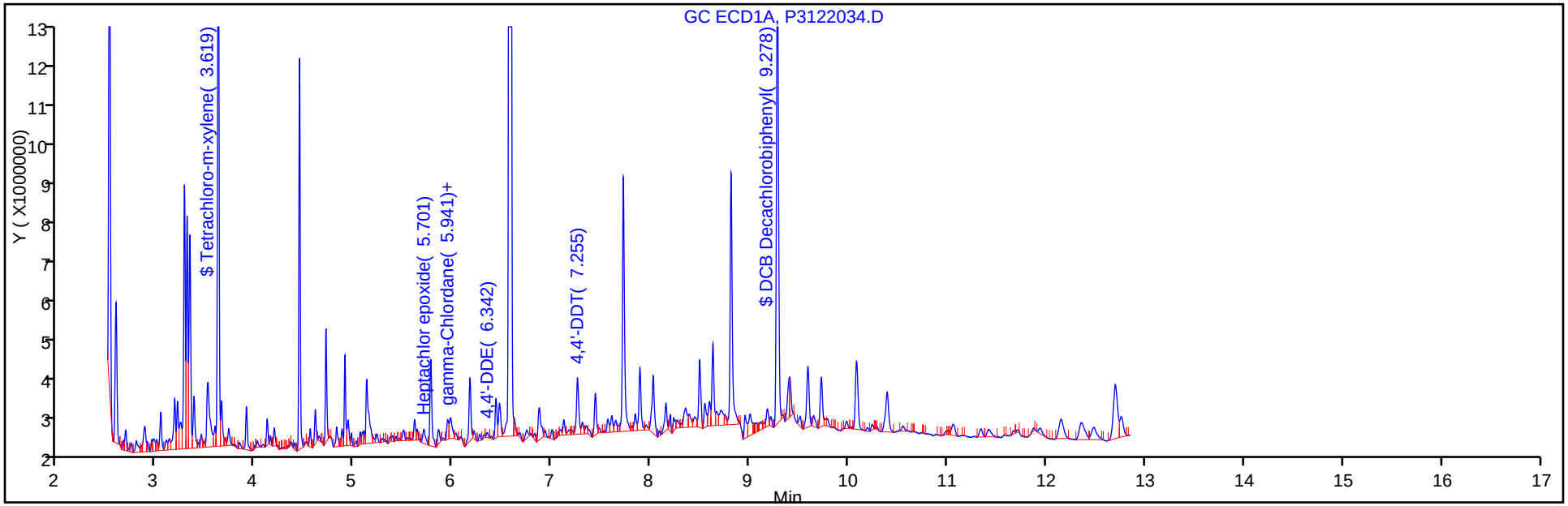
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

Report Date: 21-Dec-2012 09:49:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

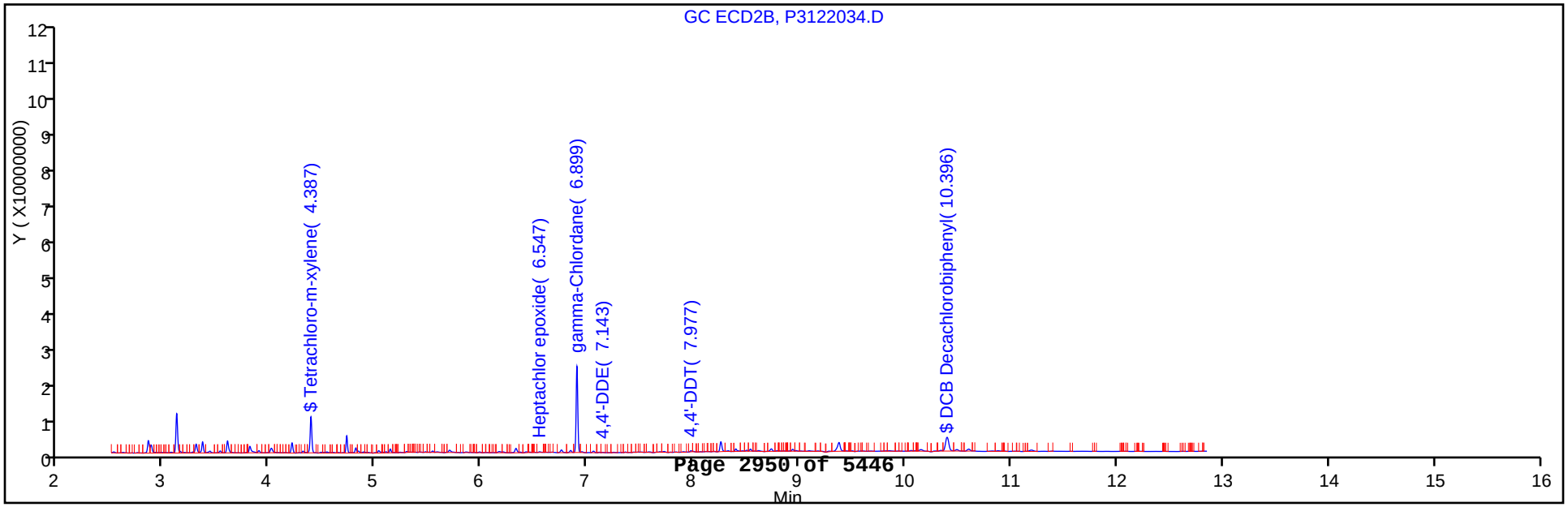
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122034.D		
Injection Date:	20-Dec-2012 18:35:42	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	34
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0114M-0001-SO Lab Sample ID: 240-18544-33

Matrix: Solid Lab File ID: P3122034.D

Analysis Method: 8081/DOD Date Collected: 12/06/2012 17:35

Extraction Method: 3540C Date Extracted: 12/18/2012 10:19

Sample wt/vol: 29.89(g) Date Analyzed: 12/20/2012 18:35

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

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

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

Analysis Batch No.: 69512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		55-130
877-09-8	Tetrachloro-m-xylene	78		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122034.D
Lims ID: 240-18544-E-33-F
Client ID: 076SB-0114M-0001-SO
Inject. Date: 20-Dec-2012 18:35:42
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016042-034
Misc. Info.:
Operator: 093905
Instrument ID: A2HP3
Injection Vol: 1.0 ul
ALS Bottle#: 34
Lims Batch ID: 69512
Lims Sample ID: 34
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40
Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc
Date: 21-Dec-2012 09:22:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.619	3.618	0.001	16830686	0.0155			
2	100	4.387	4.385	0.002	11279822	0.0157			
						RPD = 0.94			
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
7 beta-BHC									
1	100		4.839						
2	100		5.324						
22 Heptachlor									
1	100		4.906						
2	100		5.636						
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
23 Heptachlor epoxide									
1	100	5.701	5.686	0.015	696339	0.000650			
2	100	6.547	6.534	0.013	288221	0.000511			
						RPD = 23.92			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	5.941	5.948	-0.007	660339	0.000571			
2	100	6.899	6.896	0.003	26034576	0.0440			
						RPD = 194.87			
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									1
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									
1	100	6.342	6.341	0.001	171342	0.000143			7
2	100	7.143	7.139	0.004	117936	0.000159			7
						RPD = 10.71			
LOD = 0.000500									
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						
3 4,4'-DDT									
1	100	7.255	7.272	-0.017	2292304	0.003033			
2	100	7.977	7.984	-0.007	329904	0.000966			
						RPD = 103.35			
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100		7.550						
2	100		8.172						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100		7.986						
2	100		8.424						
19 Endrin ketone									
1	100		8.134						
2	100		8.569						
$ 10 DCB Decachlorobiphenyl									
1	100	9.278	9.278	0.000	17609971	0.0177			
2	100	10.396	10.390	0.006	8544673	0.0147			
						RPD = 18.84			

QC Flag Legend

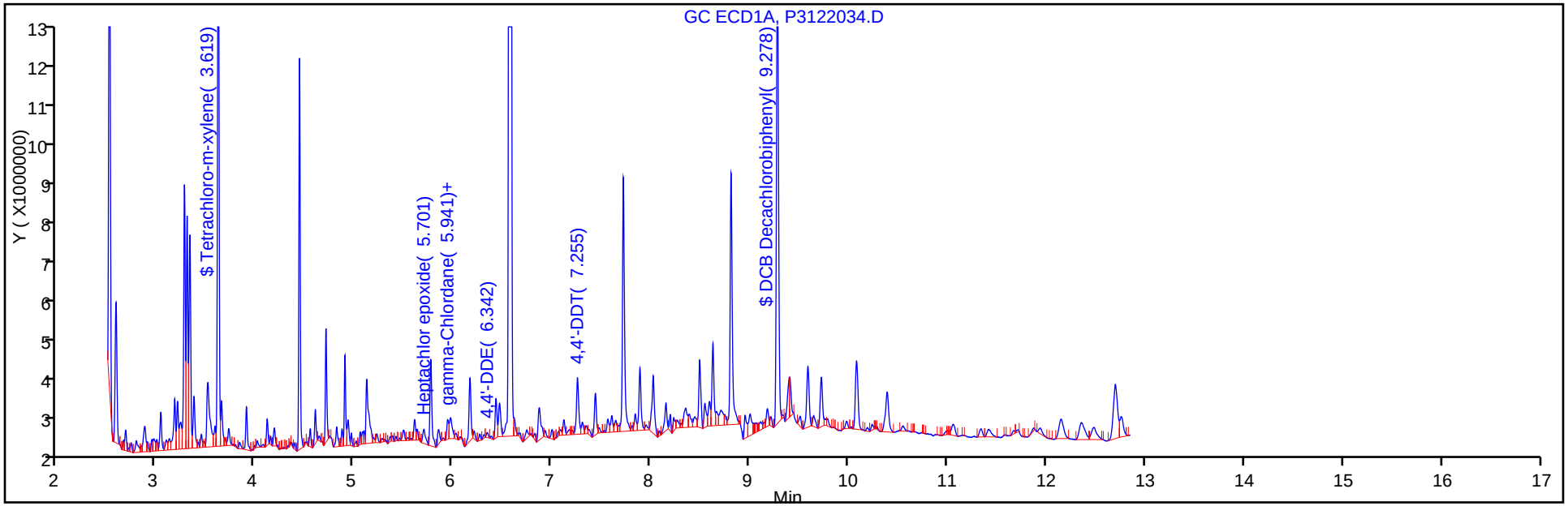
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

Report Date: 21-Dec-2012 09:49:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

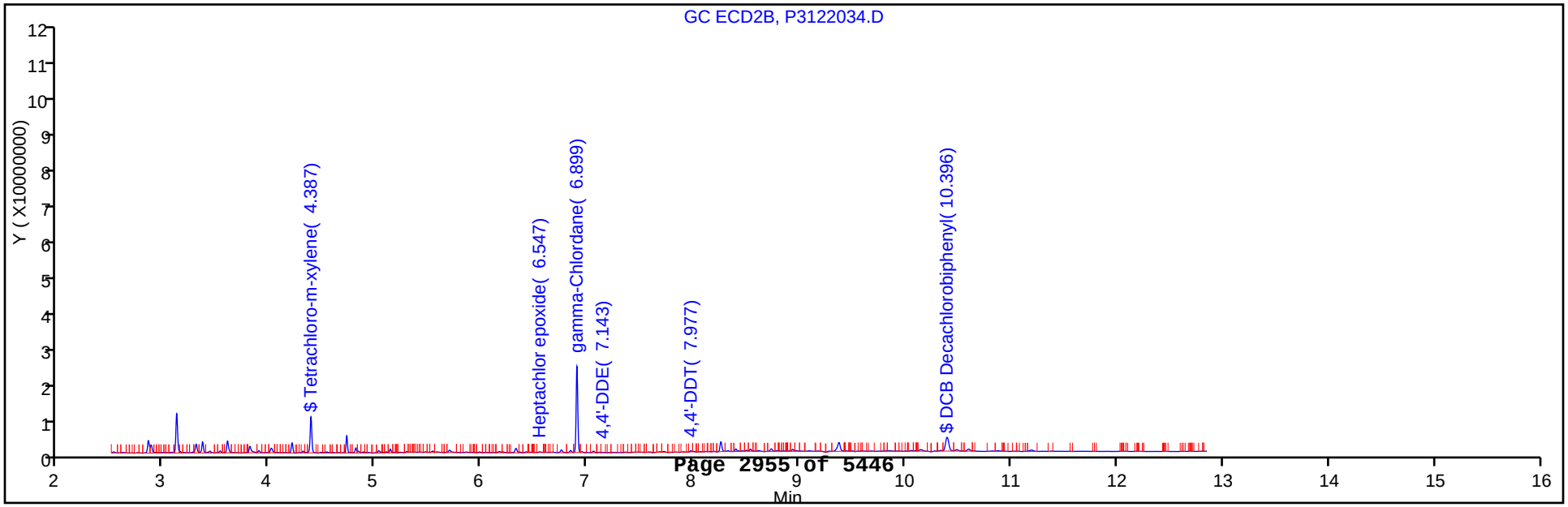
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122034.D		
Injection Date:	20-Dec-2012 18:35:42	Limit Group:	GC 8081 D0D ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	34
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67186

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 13:49 Calibration End Date: 12/04/2012 15:17 Calibration ID: 12683

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67186/20	P3120420.D
Level 2	STD 240-67186/21	P3120421.D
Level 3	STD 240-67186/22	P3120422.D
Level 4	STD 240-67186/23	P3120423.D
Level 5	STD 240-67186/24	P3120424.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Chlordane (technical) Peak 1	4.751	4.750	4.751	4.749	4.750						4.764 - 4.824	4.750
Chlordane (technical) Peak 2	5.304	5.302	5.300	5.300	5.302						5.333 - 5.393	5.302
Chlordane (technical) Peak 3	5.945	5.943	5.943	5.944	5.943						5.946 - 6.006	5.944
Chlordane (technical) Peak 4	6.064	6.061	6.060	6.061	6.061						6.113 - 6.173	6.061

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67186

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 13:49 Calibration End Date: 12/04/2012 15:17 Calibration ID: 12683

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67186/20	P3120420.D
Level 2	STD 240-67186/21	P3120421.D
Level 3	STD 240-67186/22	P3120422.D
Level 4	STD 240-67186/23	P3120423.D
Level 5	STD 240-67186/24	P3120424.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								
Chlordane (technical) Peak 1	42428550 44275870	40699200	43043560	45475280	Ave		43184492.0				4.2		20.0			
Chlordane (technical) Peak 2	41564450 43689874	40513340	48844530	47139915	Ave		44350421.8				8.0		20.0			
Chlordane (technical) Peak 3	101116200 120493480	103322780	111795650	107938580	Ave		108933338				7.0		20.0			
Chlordane (technical) Peak 4	97096000 100866016	98676540	108135270	102235300	Ave		101401825				4.2		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67186

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 13:49 Calibration End Date: 12/04/2012 15:17 Calibration ID: 12683

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67186/20	P3120420.D
Level 2	STD 240-67186/21	P3120421.D
Level 3	STD 240-67186/22	P3120422.D
Level 4	STD 240-67186/23	P3120423.D
Level 5	STD 240-67186/24	P3120424.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
Chlordane (technical) Peak 1	Ave	848571	2034960	4304356	9095056	22137935	0.0200	0.0500	0.100	0.200	0.500
Chlordane (technical) Peak 2	Ave	831289	2025667	4884453	9427983	21844937	0.0200	0.0500	0.100	0.200	0.500
Chlordane (technical) Peak 3	Ave	2022324	5166139	11179565	21587716	60246740	0.0200	0.0500	0.100	0.200	0.500
Chlordane (technical) Peak 4	Ave	1941920	4933827	10813527	20447060	50433008	0.0200	0.0500	0.100	0.200	0.500

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120420.D
Lims ID: STD TC1 Client ID:
Inject. Date: 04-Dec-2012 13:49:06 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015493-020
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 67186 Lims Sample ID: 20
Sublist: chrom-PEST3*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121204-15493.b\PEST3.m
Last Update: 06-Dec-2012 07:38:11 Calib Date: 04-Dec-2012 15:17:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK035

First Level Reviewer: vandorenc Date: 06-Dec-2012 07:16:41

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	4.751	4.794	-0.043	848571	0.0196		100.0	
1	2	5.304	5.363	-0.059	831289	0.0187	93.5- 133.5	98.0	A
1	3	5.945	5.976	-0.031	2022324	0.0186	239.7- 279.7	238.3	A
1	4	6.064	6.143	-0.079	1941920	0.0192	231.2- 271.2	228.8	A
			Average of Peak Amounts =			0.0190			
2	100	5.429	5.508	-0.079	509717	0.0218		100.0	
2	2	6.055	6.139	-0.084	339982	0.0199	57.4- 97.4	66.7	A
2	3	6.962	7.017	-0.055	860419	0.0183	185.5- 225.5	168.8	A
2	4	7.018	7.017	0.001	441262	0.0188	82.8- 122.8	86.6	A
			Average of Peak Amounts =			0.0197			
						RPD = 3.48			

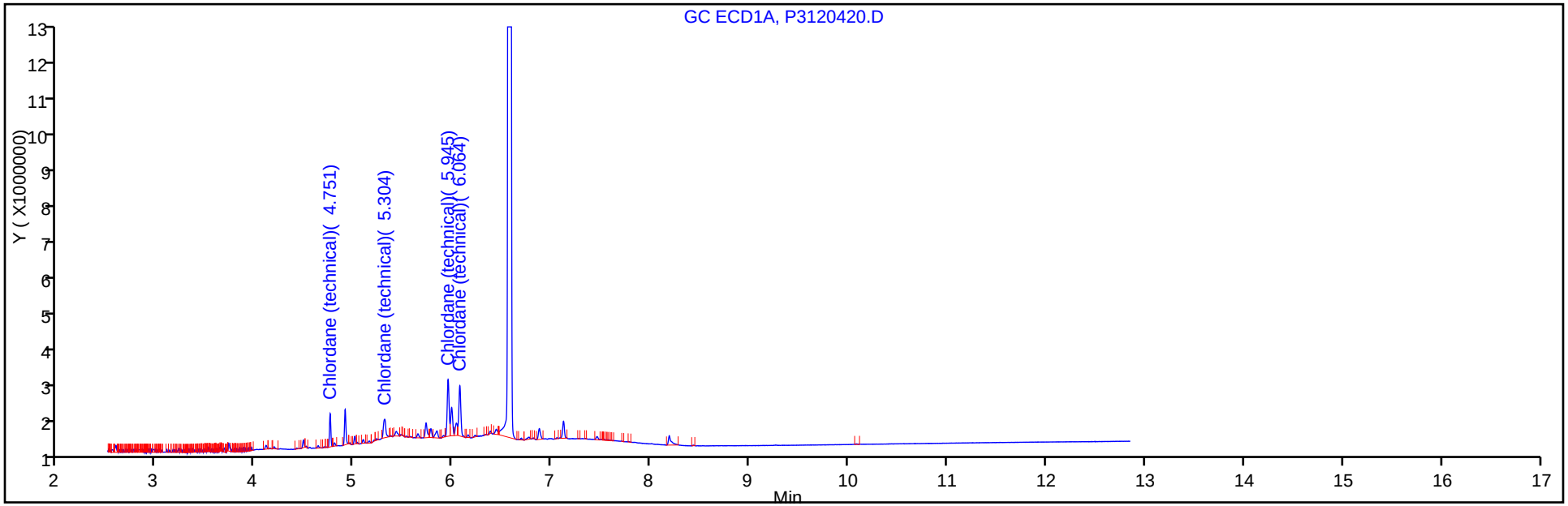
Report Date: 06-Dec-2012 07:38:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

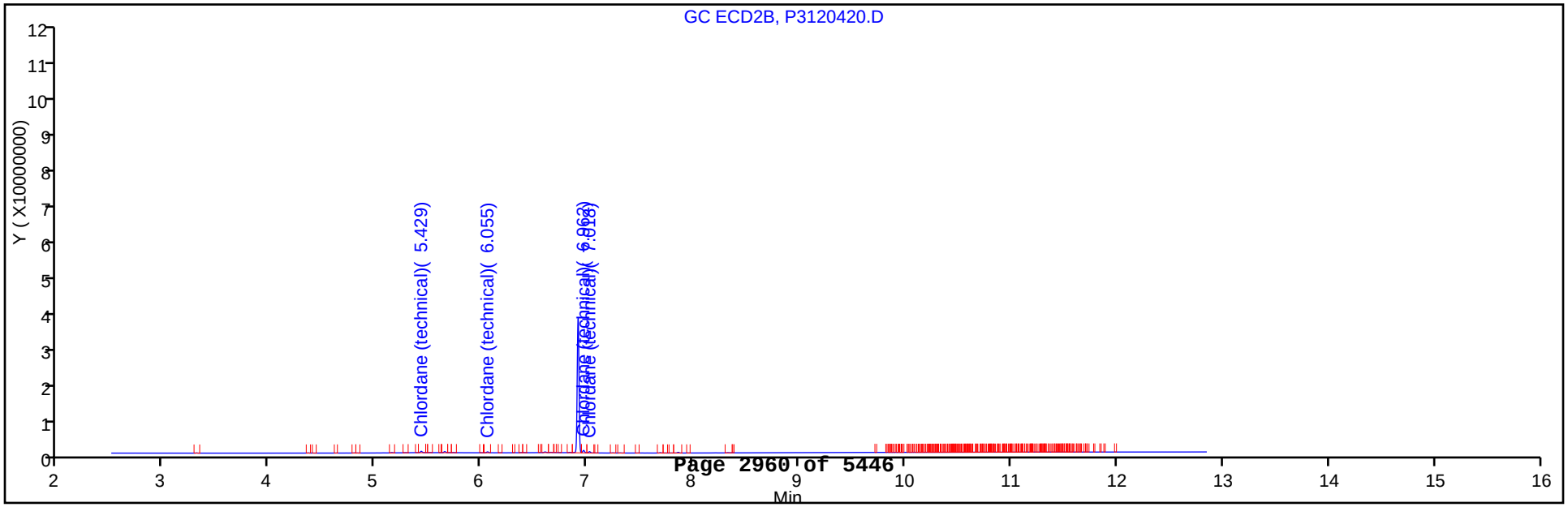
Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120420.D

Injection Date:	04-Dec-2012 13:49:06	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	67186	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120421.D		
Lims ID:	STD TC2	Client ID:	
Inject. Date:	04-Dec-2012 14:11:07	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0015493-021		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	67186	Lims Sample ID:	21
Sublist:	chrom-PEST3*sub6		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\PEST3.m		
Last Update:	06-Dec-2012 07:38:13	Calib Date:	04-Dec-2012 15:17:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

First Level Reviewer: vandorenc Date: 06-Dec-2012 07:14:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									M
1	100	4.750	4.794	-0.044	2034960	0.0471		100.0	
1	2	5.302	5.363	-0.061	2025667	0.0457	93.5- 133.5	99.5	A
1	3	5.943	5.976	-0.033	5166139	0.0474	239.7- 279.7	253.9	A
1	4	6.061	6.143	-0.082	4933827	0.0487	231.2- 271.2	242.5	A
			Average of Peak Amounts =			0.0472			
2	100	5.429	5.508	-0.079	1126554	0.0481		100.0	M
2	2	6.055	6.139	-0.084	900092	0.0527	57.4- 97.4	79.9	M
2	3	6.961	7.017	-0.056	2433601	0.0518	185.5- 225.5	216.0	M
2	4	7.017	7.017	0.000	1267832	0.0541	82.8- 122.8	112.5	M
			Average of Peak Amounts =			0.0517			
						RPD = 9.00			

QC Flag Legend

Review Flags
M - Manually Integrated

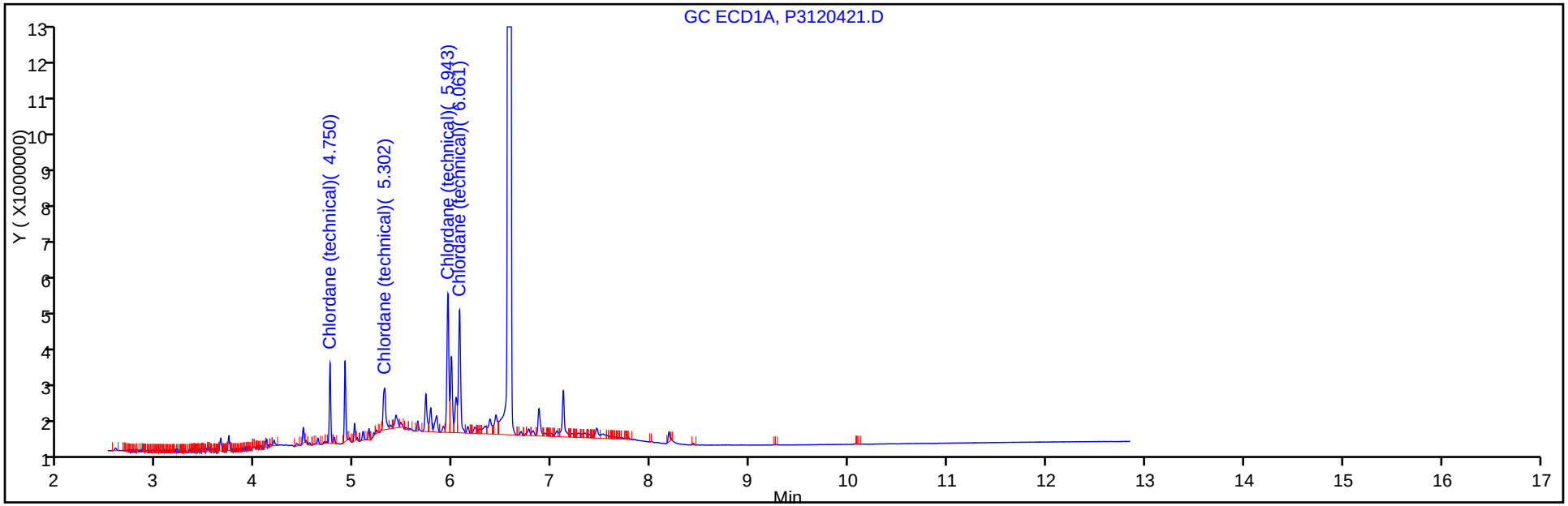
Report Date: 06-Dec-2012 07:38:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

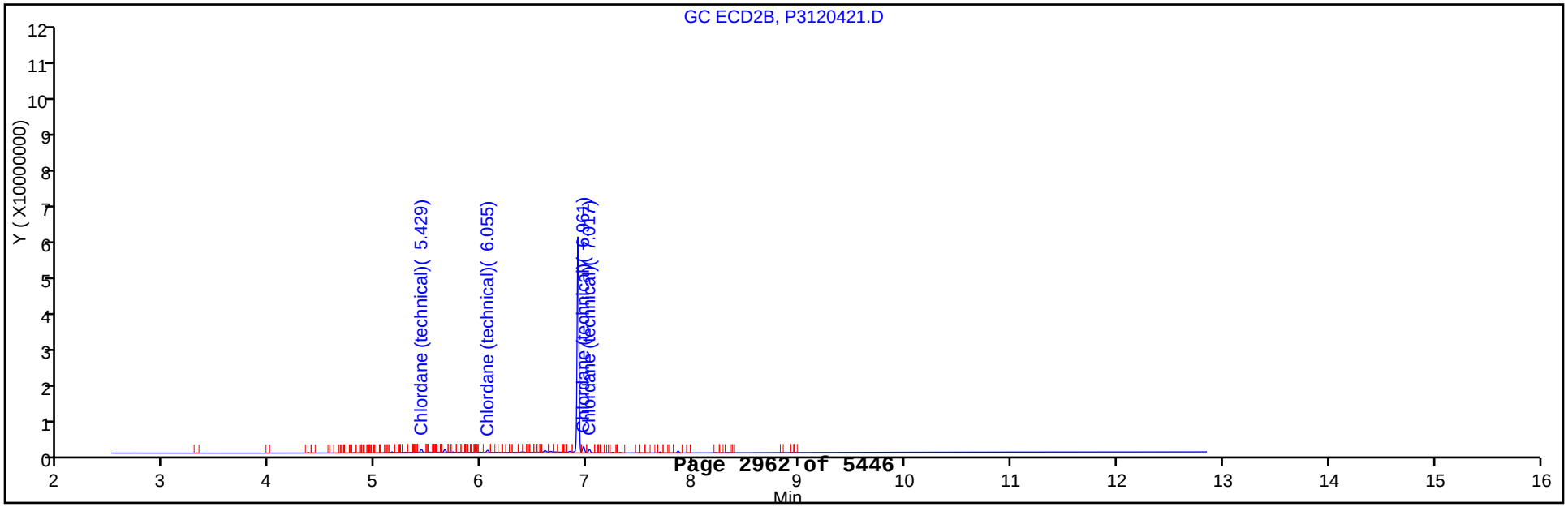
Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120421.D

Injection Date:	04-Dec-2012 14:11:07	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	67186	Lims Sample ID:	21
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120422.D		
Lims ID:	STD TC3	Client ID:	
Inject. Date:	04-Dec-2012 14:32:50	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0015493-022		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	67186	Lims Sample ID:	22
Sublist:	chrom-PEST3*sub6		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\PEST3.m		
Last Update:	06-Dec-2012 07:38:15	Calib Date:	04-Dec-2012 15:17:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

First Level Reviewer: vandorenc Date: 06-Dec-2012 07:12:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	4.751	4.751	0.000	4304356	0.0997		100.0	
1	2	5.300	5.300	0.000	4884453	0.1101	93.5- 133.5	113.5	A
1	3	5.943	5.943	0.000	11179565	0.1026	239.7- 279.7	259.7	A
1	4	6.060	6.060	0.000	10813527	0.1066	231.2- 271.2	251.2	A
			Average of Peak Amounts =			0.1048			
2	100	5.428	5.428	0.000	2163958	0.0923		100.0	
2	2	6.055	6.055	0.000	1675871	0.0980	57.4- 97.4	77.4	A
2	3	6.962	6.962	0.000	4447107	0.0947	185.5- 225.5	205.5	A
2	4	7.017	7.017	0.000	2225478	0.0950	82.8- 122.8	102.8	A
			Average of Peak Amounts =			0.0950			
						RPD = 9.75			

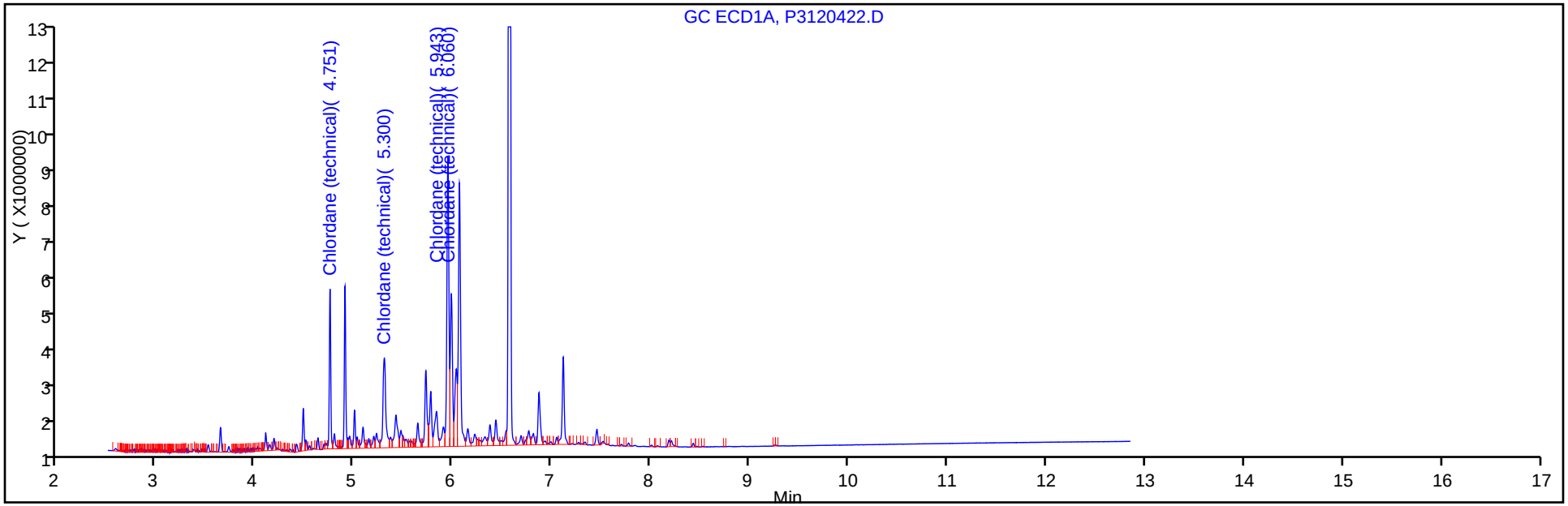
Report Date: 06-Dec-2012 07:38:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

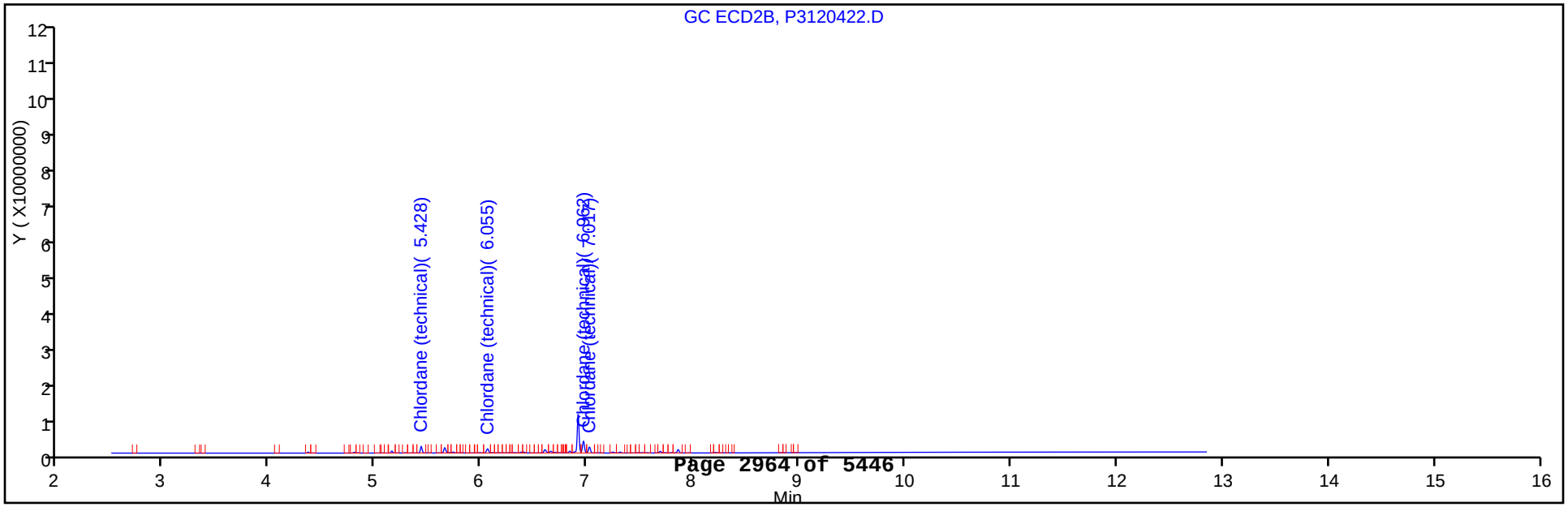
Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120422.D

Injection Date:	04-Dec-2012 14:32:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	67186	Lims Sample ID:	22
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120423.D		
Lims ID:	STD TC4	Client ID:	
Inject. Date:	04-Dec-2012 14:55:03	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015493-023		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	23
Lims Batch ID:	67186	Lims Sample ID:	23
Sublist:	chrom-PEST3*sub6		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\PEST3.m		
Last Update:	06-Dec-2012 07:38:16	Calib Date:	04-Dec-2012 15:17:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

First Level Reviewer: vandorenc Date: 06-Dec-2012 07:19:29

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	4.749	4.751	-0.002	9095056	0.2106		100.0	
1	2	5.300	5.300	0.000	9427983	0.2126	93.5- 133.5	103.7	
1	3	5.944	5.943	0.001	21587716	0.1982	239.7- 279.7	237.4	
1	4	6.061	6.060	0.001	20447060	0.2016	231.2- 271.2	224.8	
			Average of Peak Amounts =			0.2058			
2	100	5.429	5.428	0.001	4548632	0.1941		100.0	
2	2	6.056	6.055	0.001	3340183	0.1954	57.4- 97.4	73.4	
2	3	6.963	6.962	0.001	9418198	0.2006	185.5- 225.5	207.1	
2	4	7.019	7.017	0.002	4605063	0.1966	82.8- 122.8	101.2	
			Average of Peak Amounts =			0.1967			
						RPD = 4.51			

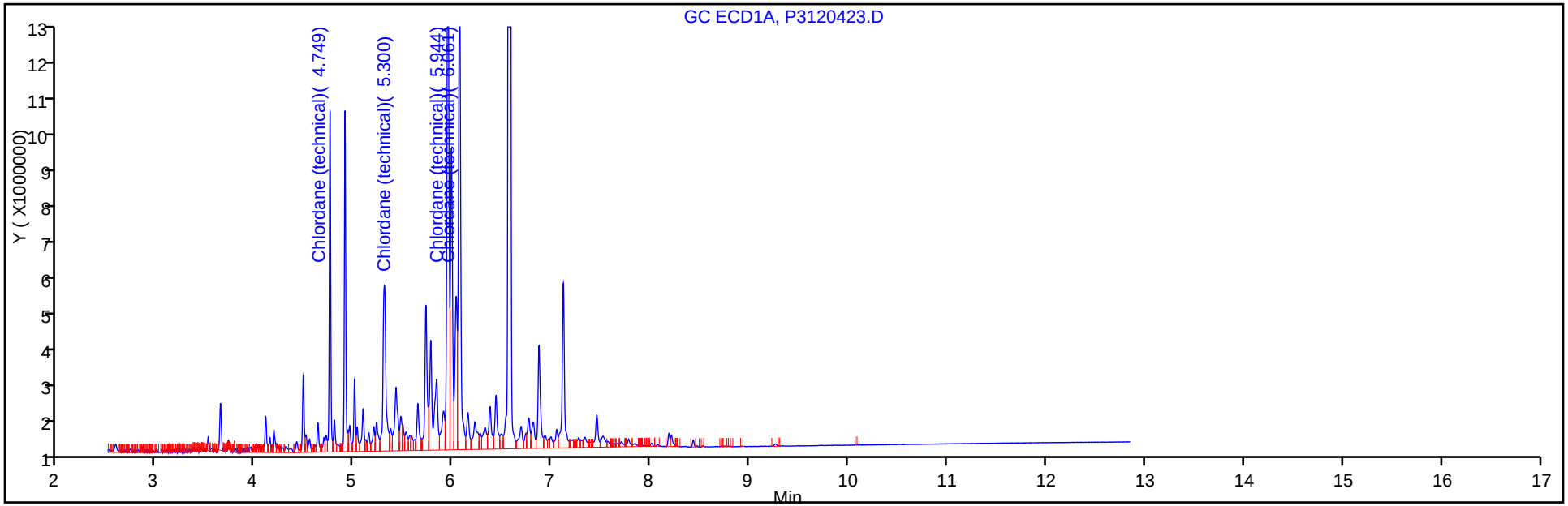
Report Date: 06-Dec-2012 07:38:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

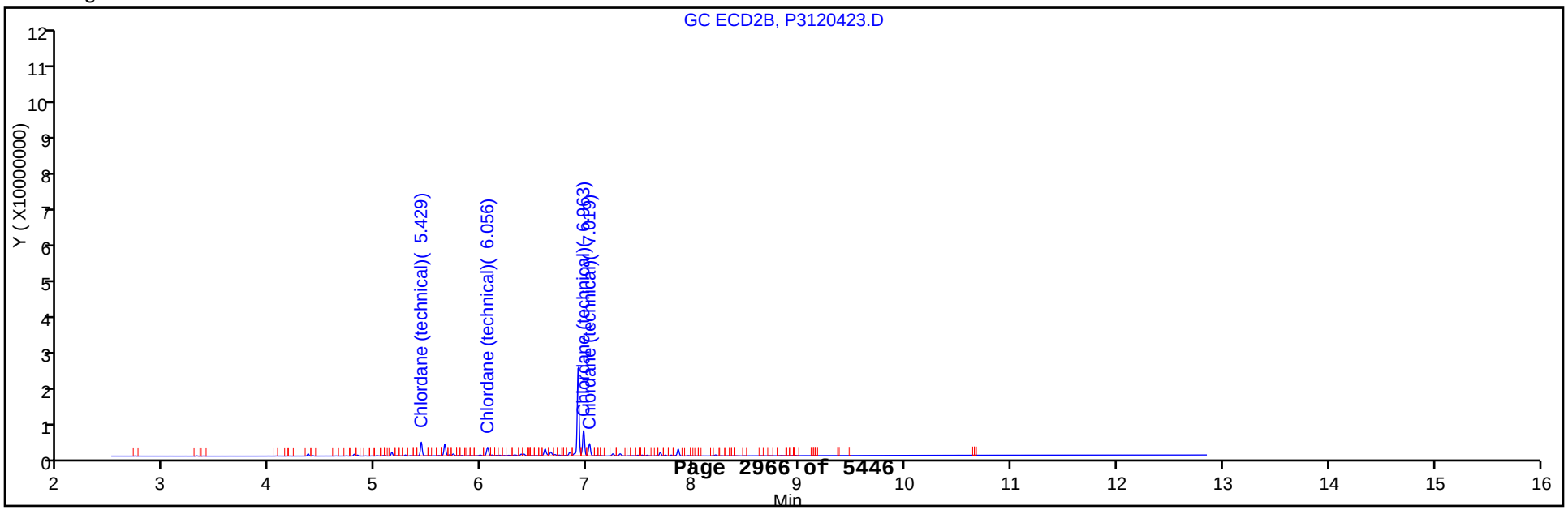
Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120423.D

Injection Date:	04-Dec-2012 14:55:03	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	67186	Lims Sample ID:	23
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D
Lims ID: STD TC5 Client ID:
Inject. Date: 04-Dec-2012 15:17:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015493-024
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 67186 Lims Sample ID: 24
Sublist: chrom-PEST3*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121204-15493.b\PEST3.m
Last Update: 06-Dec-2012 07:38:18 Calib Date: 04-Dec-2012 15:17:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK035

First Level Reviewer: vandorenc Date: 06-Dec-2012 07:20:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									M
1	100	4.750	4.751	-0.001	22137935	0.5126		100.0	M
1	2	5.302	5.300	0.002	21844937	0.4926	93.5- 133.5	98.7	M
1	3	5.943	5.943	0.000	60246740	0.5531	239.7- 279.7	272.1	M
1	4	6.061	6.060	0.001	50433008	0.4974	231.2- 271.2	227.8	M
			Average of Peak Amounts =			0.5139			
2	100	5.428	5.428	0.000	12387250	0.5286		100.0	
2	2	6.054	6.055	-0.001	8504129	0.4975	57.4- 97.4	68.7	
2	3	6.962	6.962	0.000	25749112	0.5484	185.5- 225.5	207.9	
2	4	7.017	7.017	0.000	12214052	0.5214	82.8- 122.8	98.6	
			Average of Peak Amounts =			0.5240			
						RPD = 1.94			

QC Flag Legend

Review Flags
M - Manually Integrated

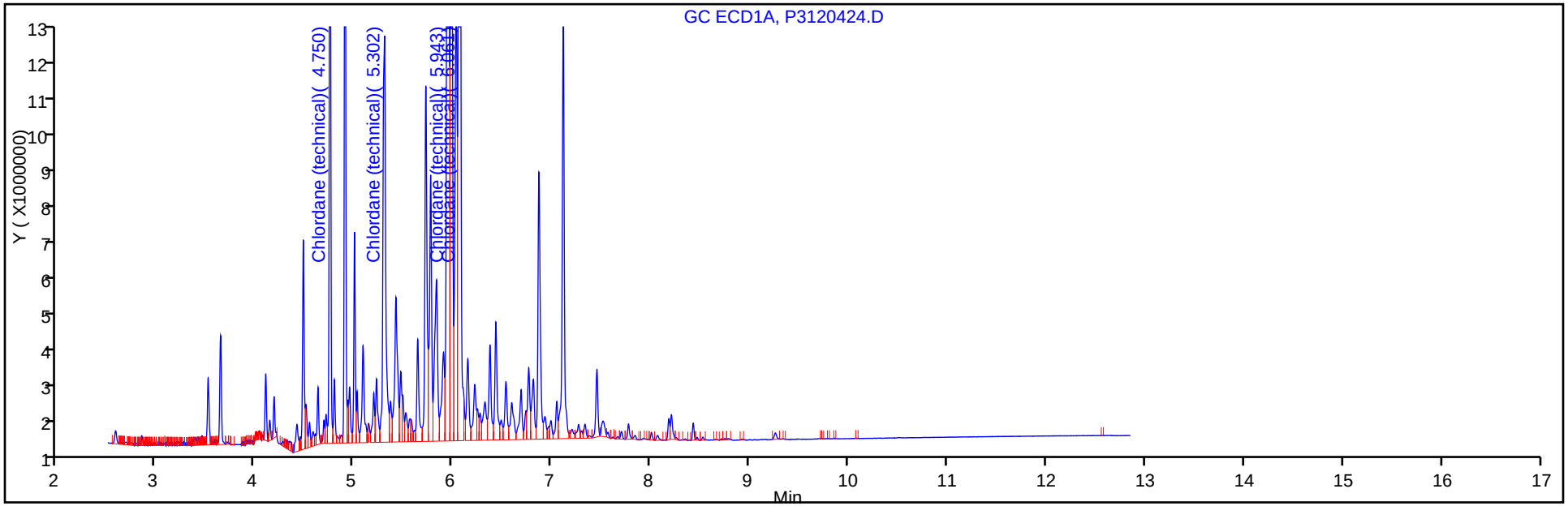
Report Date: 06-Dec-2012 07:38:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

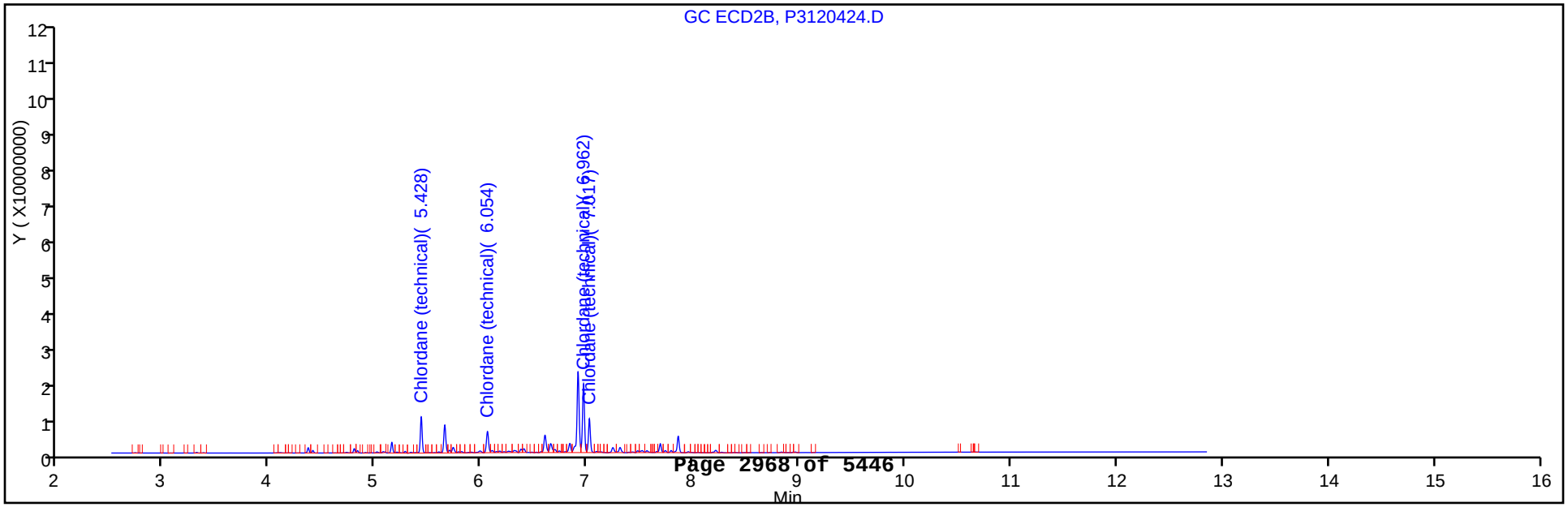
Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D

Injection Date:	04-Dec-2012 15:17:05	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	67186	Lims Sample ID:	24
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



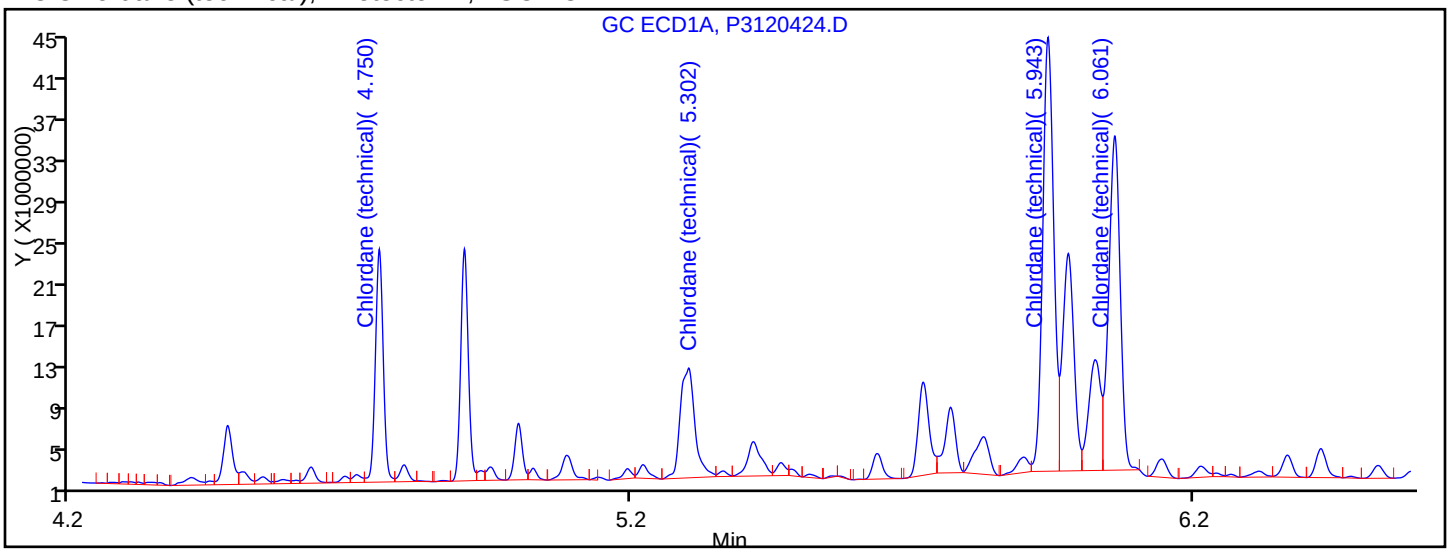
Report Date: 06-Dec-2012 07:38:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D

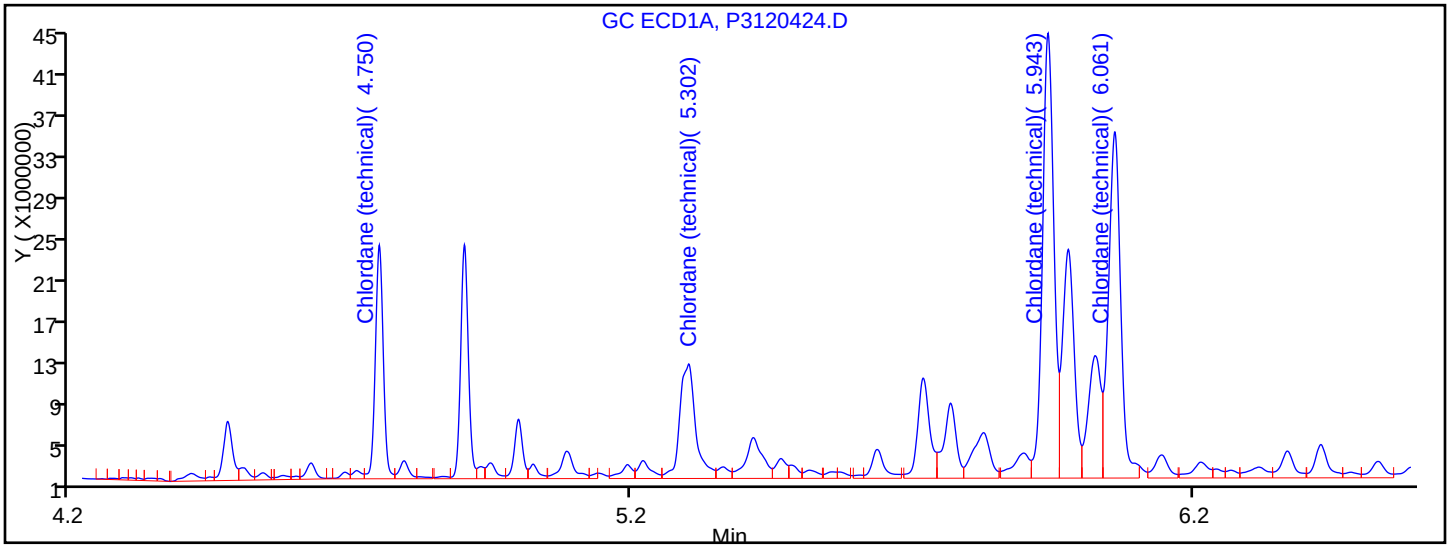
Injection Date:	04-Dec-2012 15:17:05	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	67186	Lims Sample ID:	24
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 Chlordane (technical), Detector: 1, GC ECD1A



Processing Integration Results

RT = 4.750	Response = 21895886	M
RT = 5.302	Response = 19229170	M
RT = 5.943	Response = 57100778	M
RT = 6.061	Response = 45911186	M



Manual Integration Results

RT = 4.750	Response = 22137935	M
RT = 5.302	Response = 21844937	M
RT = 5.943	Response = 60246740	M
RT = 6.061	Response = 50433008	M

Reviewer: vandorenc, 06-Dec-2012 07:20:01

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67186

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 13:49 Calibration End Date: 12/04/2012 15:17 Calibration ID: 12684

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67186/20	P3120420.D
Level 2	STD 240-67186/21	P3120421.D
Level 3	STD 240-67186/22	P3120422.D
Level 4	STD 240-67186/23	P3120423.D
Level 5	STD 240-67186/24	P3120424.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Chlordane (technical) Peak 1	5.429	5.429	5.428	5.429	5.428						5.478 - 5.538	5.429
Chlordane (technical) Peak 2	6.055	6.055	6.055	6.056	6.054						6.109 - 6.169	6.055
Chlordane (technical) Peak 3	6.962	6.961	6.962	6.963	6.962						6.987 - 7.047	6.962
Chlordane (technical) Peak 4	7.018	7.017	7.017	7.019	7.017						6.987 - 7.047	7.018

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67186

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 13:49 Calibration End Date: 12/04/2012 15:17 Calibration ID: 12684

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67186/20	P3120420.D
Level 2	STD 240-67186/21	P3120421.D
Level 3	STD 240-67186/22	P3120422.D
Level 4	STD 240-67186/23	P3120423.D
Level 5	STD 240-67186/24	P3120424.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								
Chlordane (technical) Peak 1	25485850 24774500	22531080	21639580	22743160	Ave		23434834.0				6.9		20.0			
Chlordane (technical) Peak 2	16999100 17008258	18001840	16758710	16700915	Ave		17093764.6				3.1		20.0			
Chlordane (technical) Peak 3	43020950 51498224	48672020	44471070	47090990	Ave		46950650.8				7.2		20.0			
Chlordane (technical) Peak 4	22063100 24428104	25356640	22254780	23025315	Ave		23425587.8				6.1		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67186

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/04/2012 13:49 Calibration End Date: 12/04/2012 15:17 Calibration ID: 12684

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67186/20	P3120420.D
Level 2	STD 240-67186/21	P3120421.D
Level 3	STD 240-67186/22	P3120422.D
Level 4	STD 240-67186/23	P3120423.D
Level 5	STD 240-67186/24	P3120424.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
Chlordane (technical) Peak 1	Ave	509717	1126554	2163958	4548632	12387250	0.0200	0.0500	0.100	0.200	0.500
Chlordane (technical) Peak 2	Ave	339982	900092	1675871	3340183	8504129	0.0200	0.0500	0.100	0.200	0.500
Chlordane (technical) Peak 3	Ave	860419	2433601	4447107	9418198	25749112	0.0200	0.0500	0.100	0.200	0.500
Chlordane (technical) Peak 4	Ave	441262	1267832	2225478	4605063	12214052	0.0200	0.0500	0.100	0.200	0.500

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120420.D		
Lims ID:	STD TC1	Client ID:	
Inject. Date:	04-Dec-2012 13:49:06	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0015493-020		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	67186	Lims Sample ID:	20
Sublist:	chrom-PEST3*sub6		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\PEST3.m		
Last Update:	06-Dec-2012 07:38:11	Calib Date:	04-Dec-2012 15:17:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

First Level Reviewer: vandorenc Date: 06-Dec-2012 07:16:41

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	4.751	4.794	-0.043	848571	0.0196		100.0	
1	2	5.304	5.363	-0.059	831289	0.0187	93.5- 133.5	98.0	A
1	3	5.945	5.976	-0.031	2022324	0.0186	239.7- 279.7	238.3	A
1	4	6.064	6.143	-0.079	1941920	0.0192	231.2- 271.2	228.8	A
			Average of Peak Amounts =			0.0190			
2	100	5.429	5.508	-0.079	509717	0.0218		100.0	
2	2	6.055	6.139	-0.084	339982	0.0199	57.4- 97.4	66.7	A
2	3	6.962	7.017	-0.055	860419	0.0183	185.5- 225.5	168.8	A
2	4	7.018	7.017	0.001	441262	0.0188	82.8- 122.8	86.6	A
			Average of Peak Amounts =			0.0197			
						RPD = 3.48			

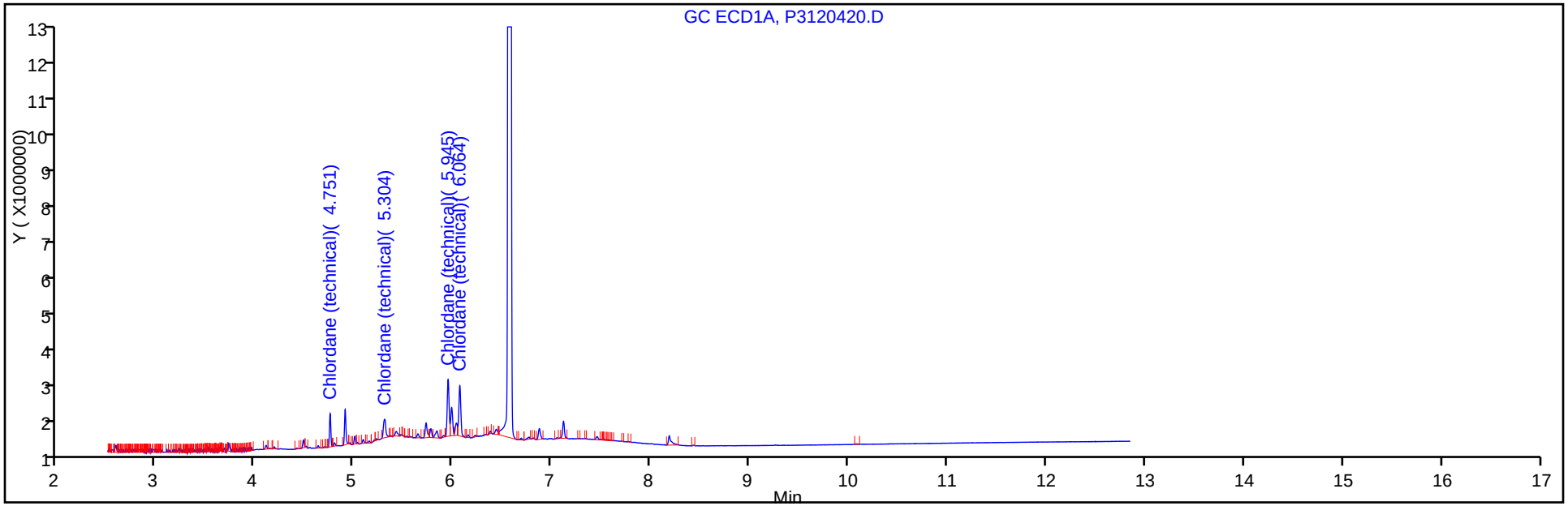
Report Date: 06-Dec-2012 07:38:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

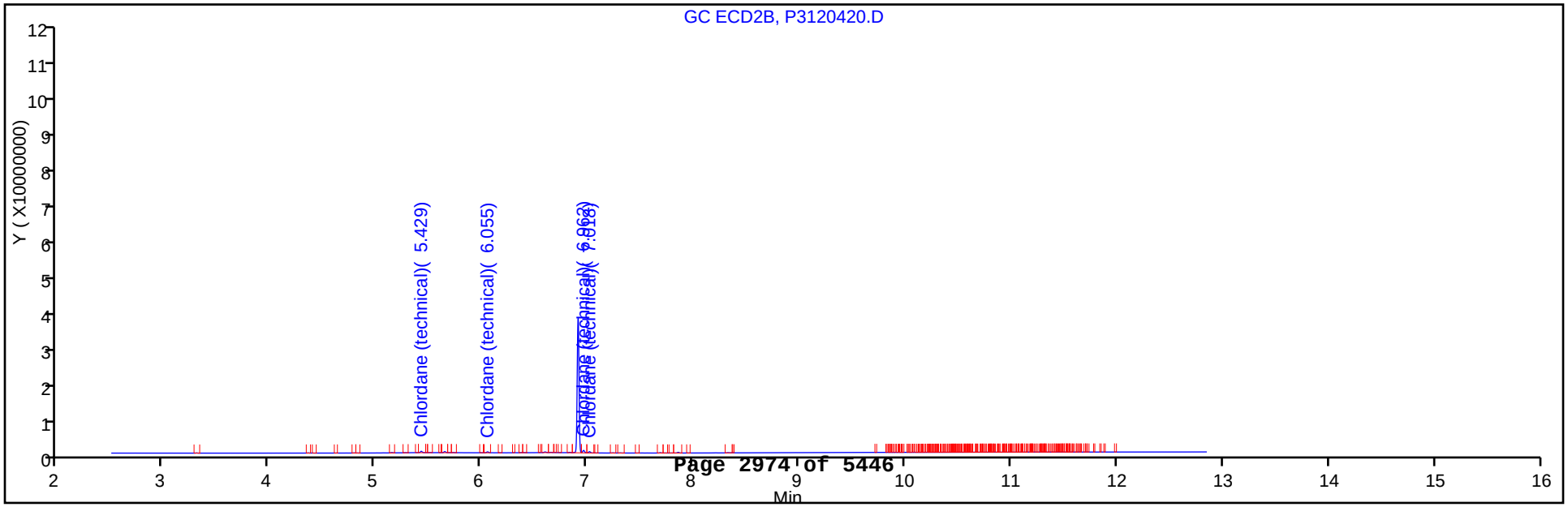
Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120420.D

Injection Date:	04-Dec-2012 13:49:06	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	67186	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120421.D
Lims ID: STD TC2 Client ID:
Inject. Date: 04-Dec-2012 14:11:07 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015493-021
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 67186 Lims Sample ID: 21
Sublist: chrom-PEST3*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121204-15493.b\PEST3.m
Last Update: 06-Dec-2012 07:38:13 Calib Date: 04-Dec-2012 15:17:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK035

First Level Reviewer: vandorenc Date: 06-Dec-2012 07:14:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									M
1	100	4.750	4.794	-0.044	2034960	0.0471		100.0	
1	2	5.302	5.363	-0.061	2025667	0.0457	93.5- 133.5	99.5	A
1	3	5.943	5.976	-0.033	5166139	0.0474	239.7- 279.7	253.9	A
1	4	6.061	6.143	-0.082	4933827	0.0487	231.2- 271.2	242.5	A
			Average of Peak Amounts =			0.0472			
2	100	5.429	5.508	-0.079	1126554	0.0481		100.0	M
2	2	6.055	6.139	-0.084	900092	0.0527	57.4- 97.4	79.9	M
2	3	6.961	7.017	-0.056	2433601	0.0518	185.5- 225.5	216.0	M
2	4	7.017	7.017	0.000	1267832	0.0541	82.8- 122.8	112.5	M
			Average of Peak Amounts =			0.0517			
						RPD = 9.00			

QC Flag Legend

Review Flags
M - Manually Integrated

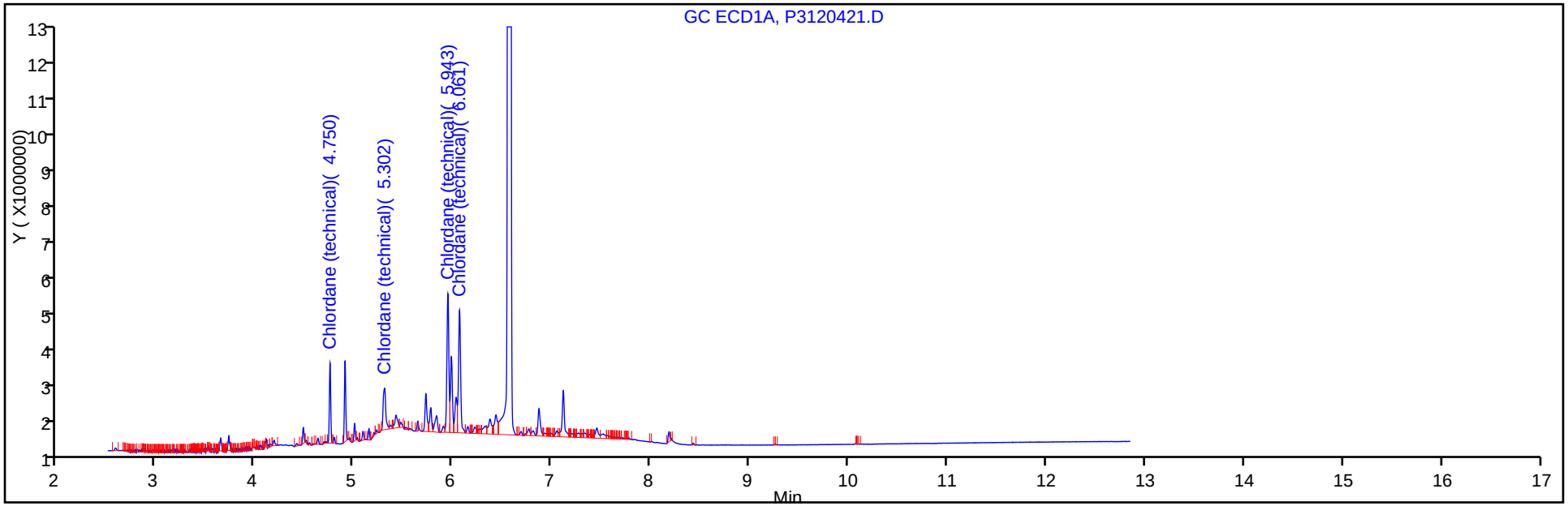
Report Date: 06-Dec-2012 07:38:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

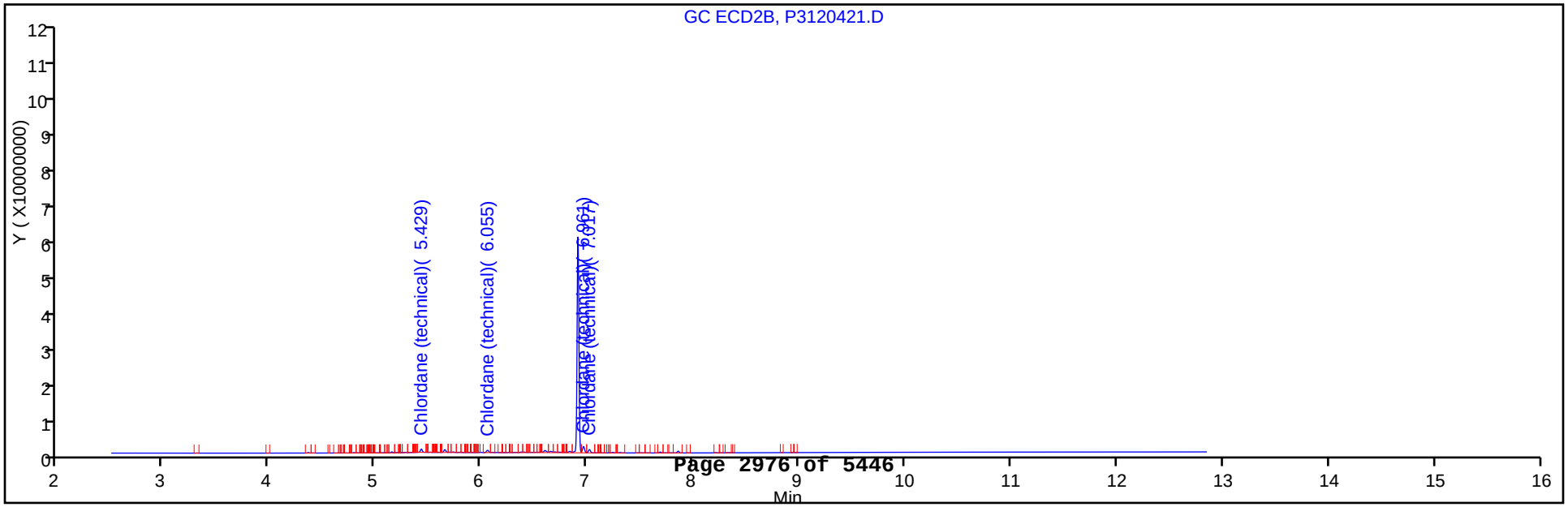
Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120421.D

Injection Date:	04-Dec-2012 14:11:07	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	67186	Lims Sample ID:	21
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



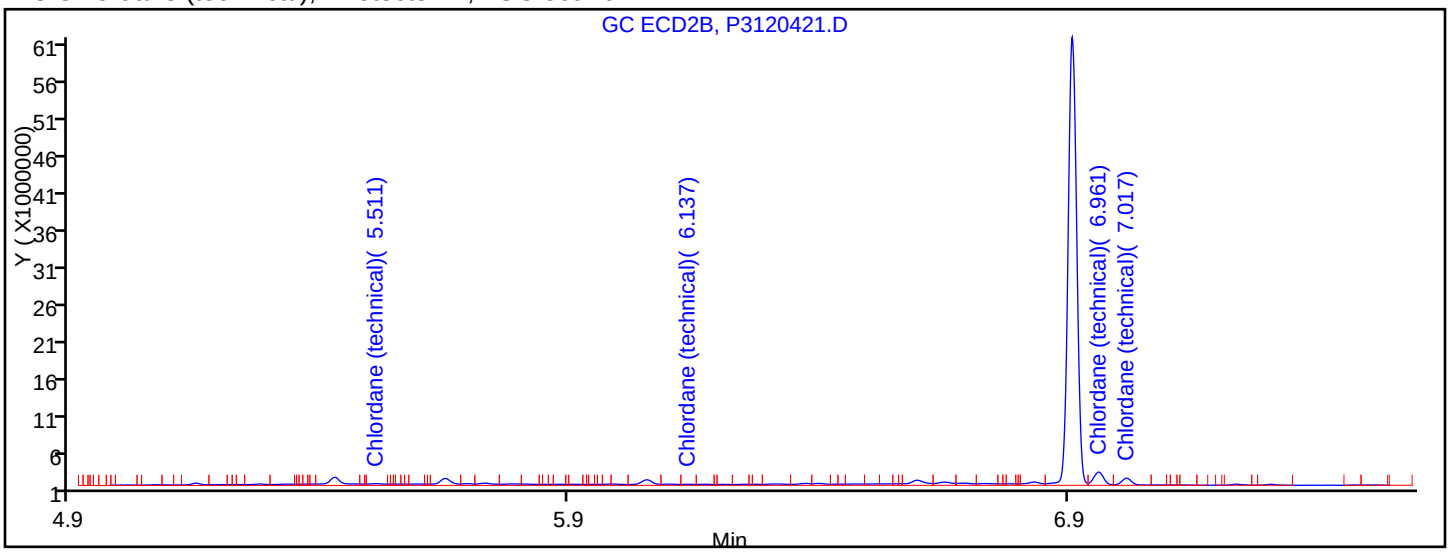
Report Date: 06-Dec-2012 07:38:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120421.D

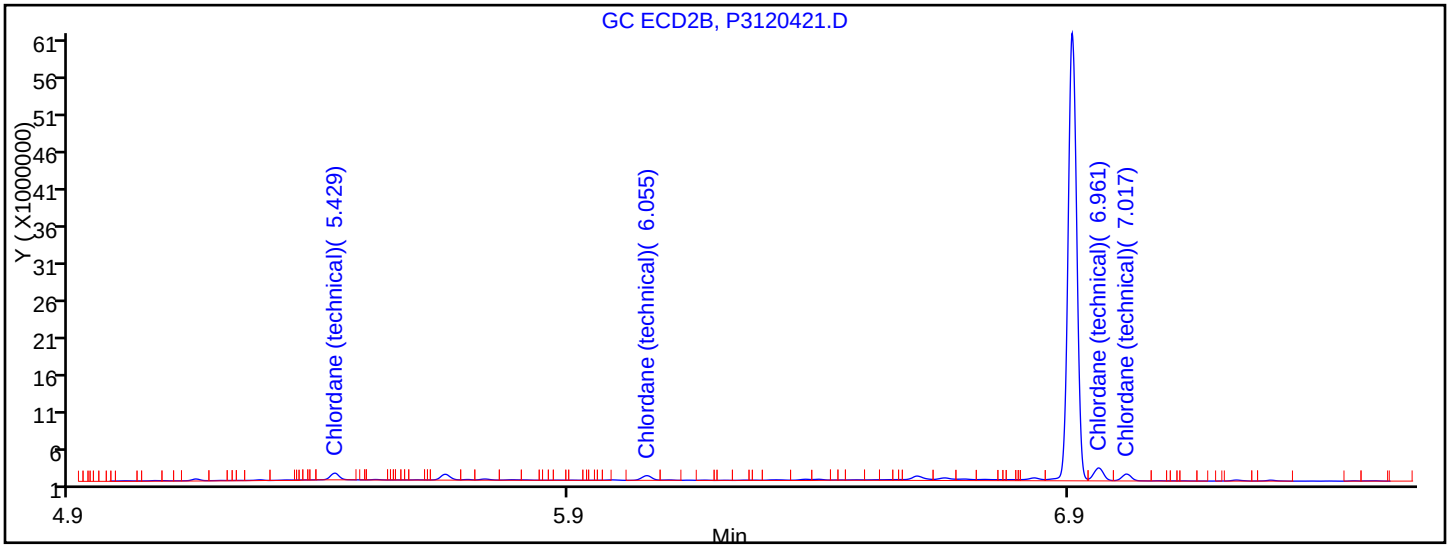
Injection Date:	04-Dec-2012 14:11:07	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	67186	Lims Sample ID:	21
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 Chlordane (technical), Detector: 2, GC ecd2b



Processing Integration Results

RT = 6.139	Response = 0	M
RT = 7.017	Response = 0	M
RT = 6.962	Response = 0	M
RT = 6.909	Response = 73008418	M



Manual Integration Results

RT = 5.429	Response = 1126554	M
RT = 6.055	Response = 900092	M
RT = 6.961	Response = 2433601	M
RT = 7.017	Response = 1267832	M

Reviewer: vandorenc, 06-Dec-2012 07:22:45

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120422.D		
Lims ID:	STD TC3	Client ID:	
Inject. Date:	04-Dec-2012 14:32:50	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0015493-022		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	67186	Lims Sample ID:	22
Sublist:	chrom-PEST3*sub6		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\PEST3.m		
Last Update:	06-Dec-2012 07:38:15	Calib Date:	04-Dec-2012 15:17:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

First Level Reviewer: vandorenc Date: 06-Dec-2012 07:12:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	4.751	4.751	0.000	4304356	0.0997		100.0	
1	2	5.300	5.300	0.000	4884453	0.1101	93.5- 133.5	113.5	A
1	3	5.943	5.943	0.000	11179565	0.1026	239.7- 279.7	259.7	A
1	4	6.060	6.060	0.000	10813527	0.1066	231.2- 271.2	251.2	A
			Average of Peak Amounts =			0.1048			
2	100	5.428	5.428	0.000	2163958	0.0923		100.0	
2	2	6.055	6.055	0.000	1675871	0.0980	57.4- 97.4	77.4	A
2	3	6.962	6.962	0.000	4447107	0.0947	185.5- 225.5	205.5	A
2	4	7.017	7.017	0.000	2225478	0.0950	82.8- 122.8	102.8	A
			Average of Peak Amounts =			0.0950			
						RPD = 9.75			

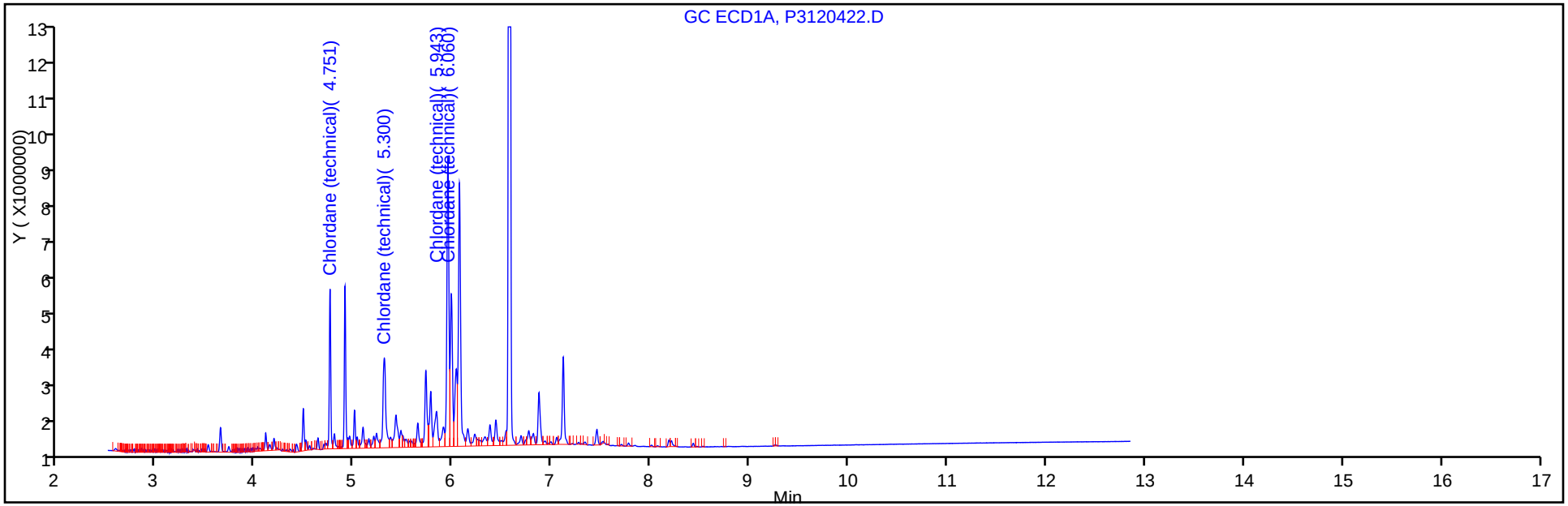
Report Date: 06-Dec-2012 07:38:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

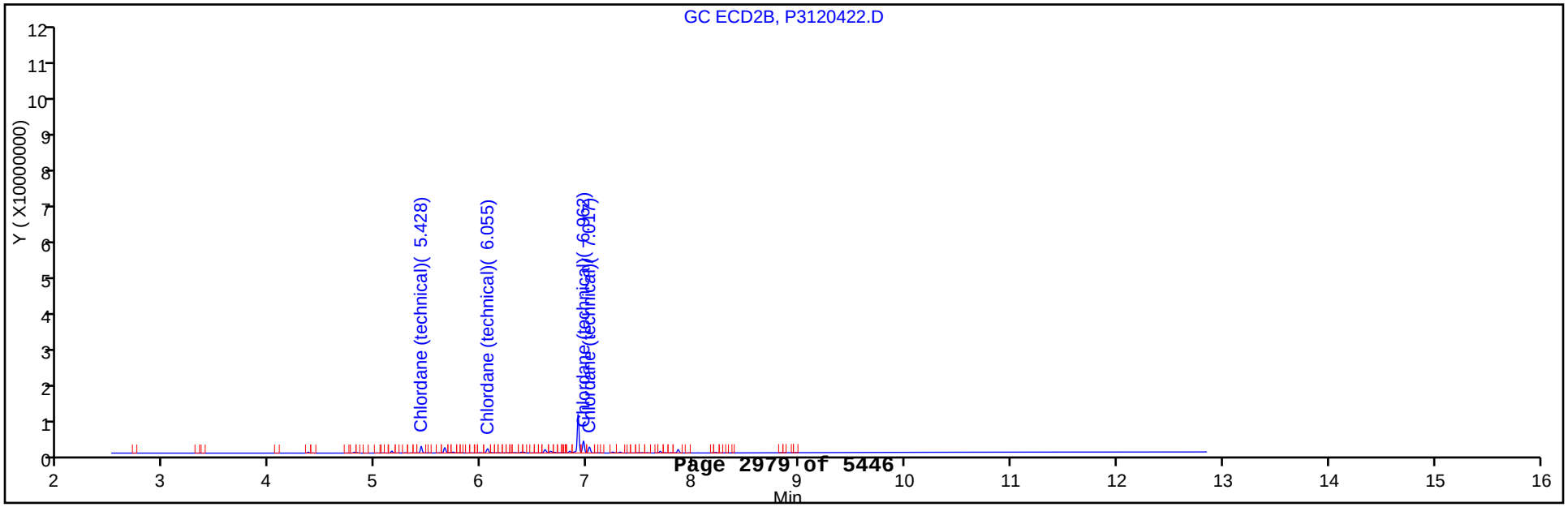
Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120422.D

Injection Date:	04-Dec-2012 14:32:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	67186	Lims Sample ID:	22
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120423.D		
Lims ID:	STD TC4	Client ID:	
Inject. Date:	04-Dec-2012 14:55:03	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015493-023		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	23
Lims Batch ID:	67186	Lims Sample ID:	23
Sublist:	chrom-PEST3*sub6		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\PEST3.m		
Last Update:	06-Dec-2012 07:38:16	Calib Date:	04-Dec-2012 15:17:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK035		

First Level Reviewer: vandorenc Date: 06-Dec-2012 07:19:29

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	4.749	4.751	-0.002	9095056	0.2106		100.0	
1	2	5.300	5.300	0.000	9427983	0.2126	93.5- 133.5	103.7	
1	3	5.944	5.943	0.001	21587716	0.1982	239.7- 279.7	237.4	
1	4	6.061	6.060	0.001	20447060	0.2016	231.2- 271.2	224.8	
			Average of Peak Amounts =			0.2058			
2	100	5.429	5.428	0.001	4548632	0.1941		100.0	
2	2	6.056	6.055	0.001	3340183	0.1954	57.4- 97.4	73.4	
2	3	6.963	6.962	0.001	9418198	0.2006	185.5- 225.5	207.1	
2	4	7.019	7.017	0.002	4605063	0.1966	82.8- 122.8	101.2	
			Average of Peak Amounts =			0.1967			
						RPD = 4.51			

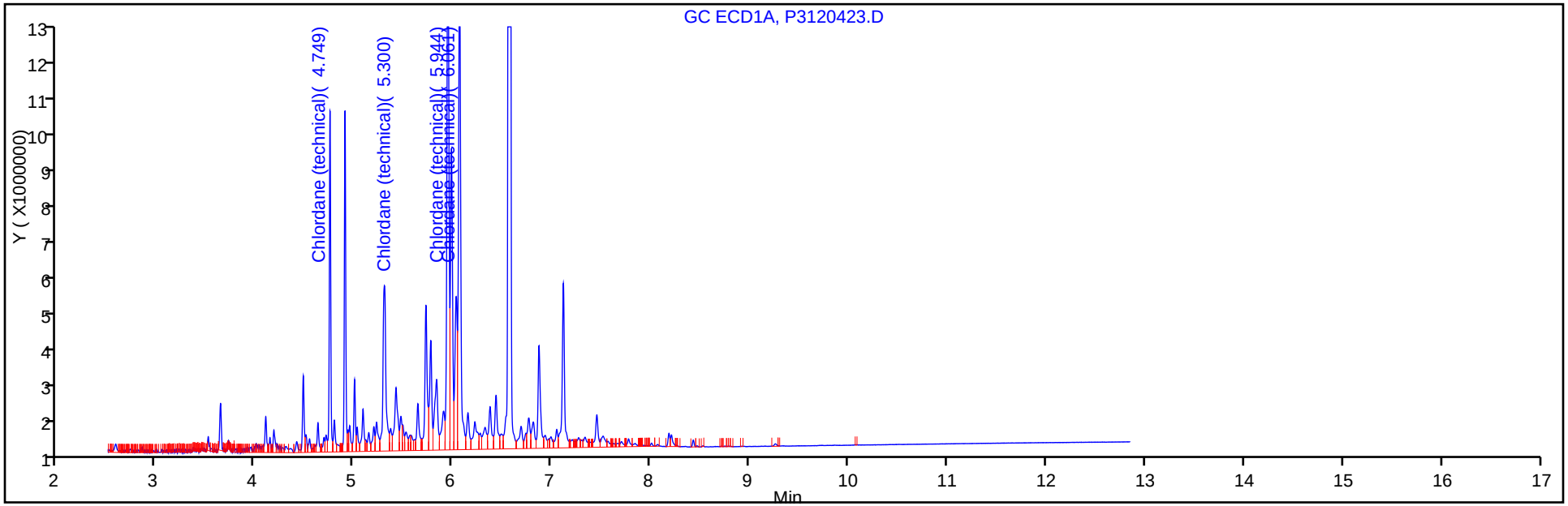
Report Date: 06-Dec-2012 07:38:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

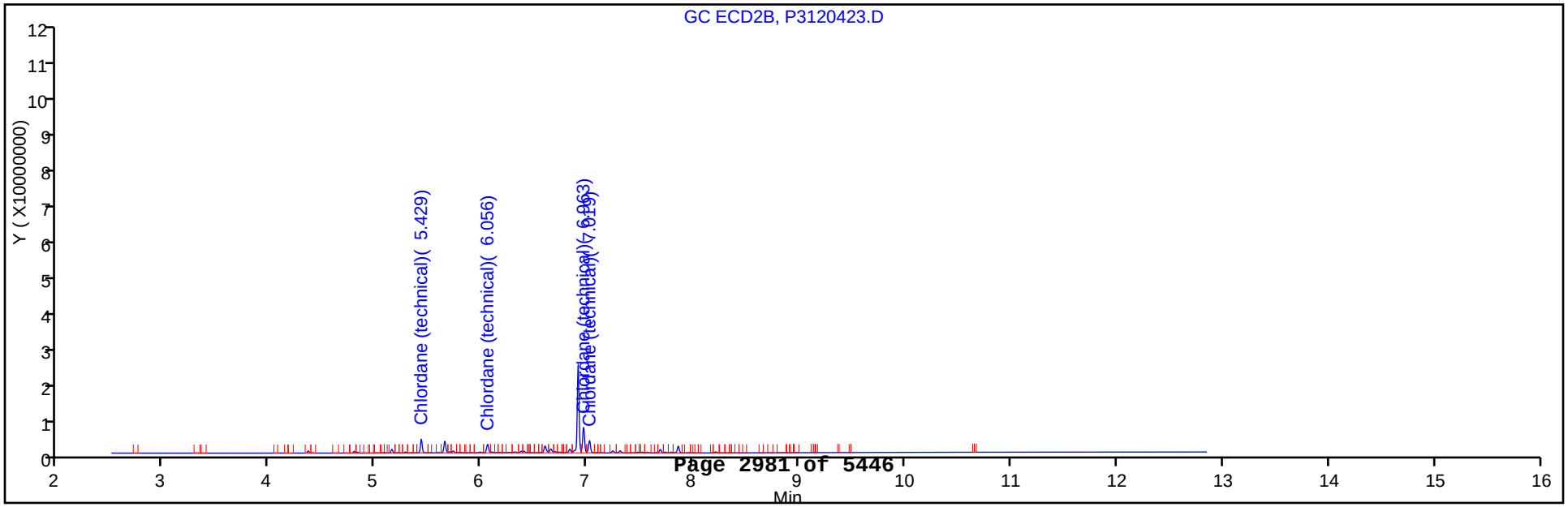
Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120423.D

Injection Date:	04-Dec-2012 14:55:03	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	67186	Lims Sample ID:	23
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D
Lims ID: STD TC5 Client ID:
Inject. Date: 04-Dec-2012 15:17:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015493-024
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 67186 Lims Sample ID: 24
Sublist: chrom-PEST3*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121204-15493.b\PEST3.m
Last Update: 06-Dec-2012 07:38:18 Calib Date: 04-Dec-2012 15:17:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK035

First Level Reviewer: vandorenc Date: 06-Dec-2012 07:20:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									M
1	100	4.750	4.751	-0.001	22137935	0.5126		100.0	M
1	2	5.302	5.300	0.002	21844937	0.4926	93.5- 133.5	98.7	M
1	3	5.943	5.943	0.000	60246740	0.5531	239.7- 279.7	272.1	M
1	4	6.061	6.060	0.001	50433008	0.4974	231.2- 271.2	227.8	M
			Average of Peak Amounts =			0.5139			
2	100	5.428	5.428	0.000	12387250	0.5286		100.0	
2	2	6.054	6.055	-0.001	8504129	0.4975	57.4- 97.4	68.7	
2	3	6.962	6.962	0.000	25749112	0.5484	185.5- 225.5	207.9	
2	4	7.017	7.017	0.000	12214052	0.5214	82.8- 122.8	98.6	
			Average of Peak Amounts =			0.5240			
						RPD = 1.94			

QC Flag Legend

Review Flags
M - Manually Integrated

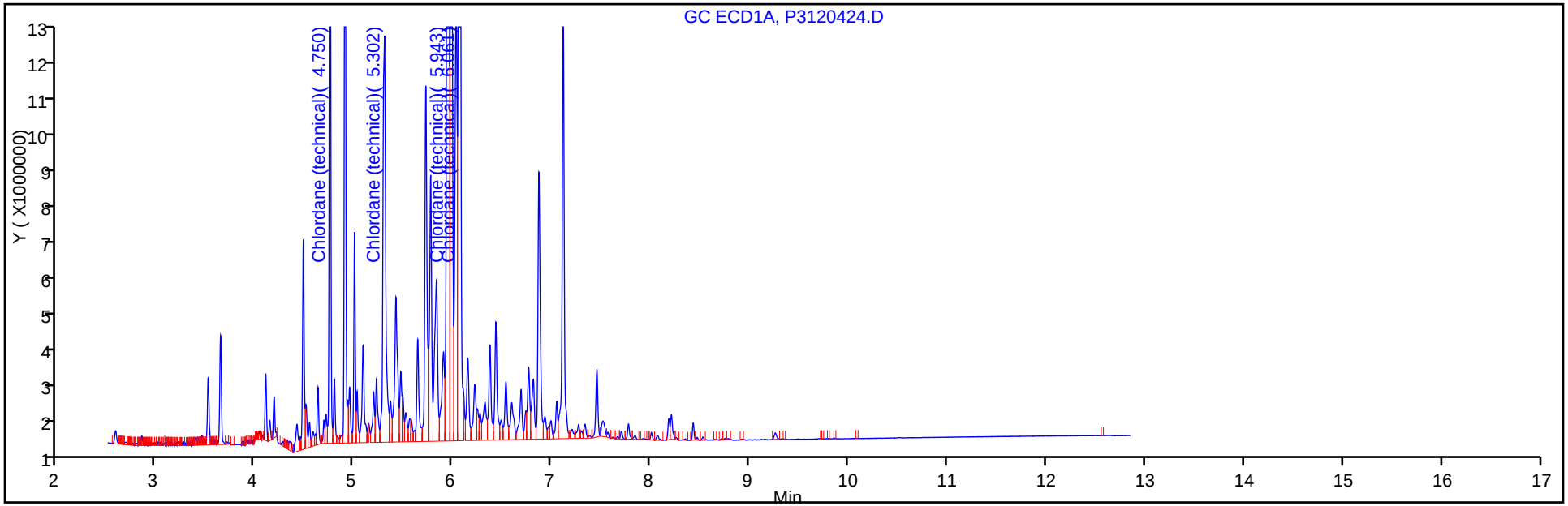
Report Date: 06-Dec-2012 07:38:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

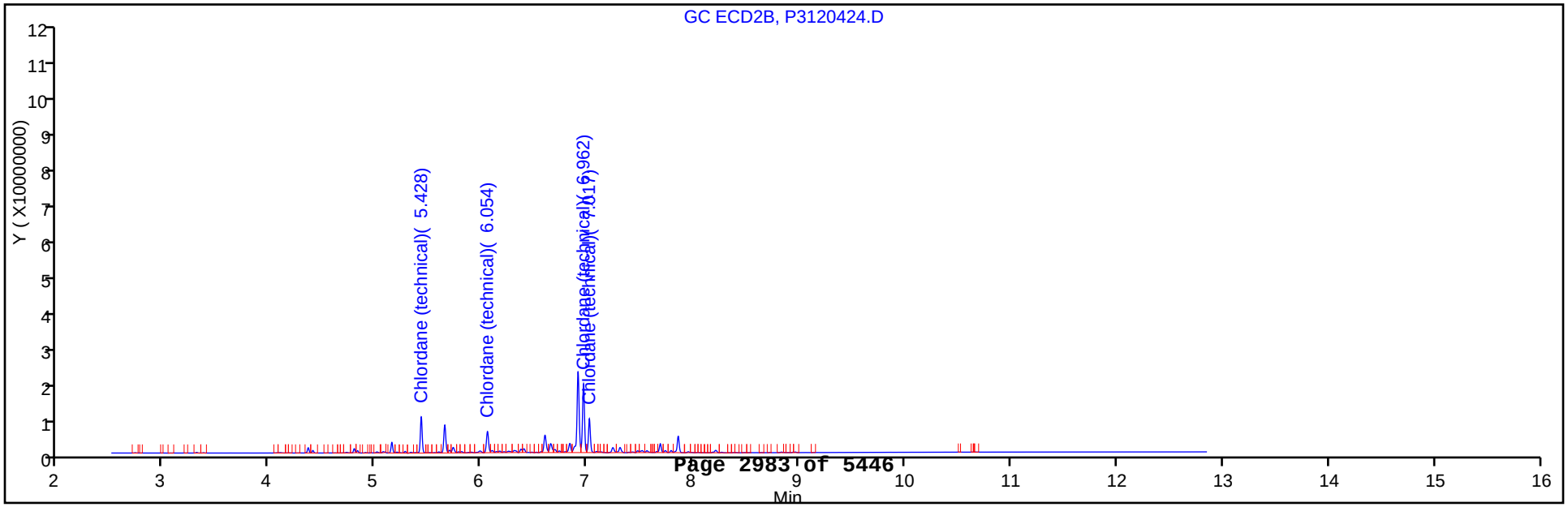
Data File: \\NCChrom\ChromData\A2HP3\20121204-15493.b\P3120424.D

Injection Date:	04-Dec-2012 15:17:05	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	67186	Lims Sample ID:	24
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 08:24 Calibration End Date: 12/20/2012 10:09 Calibration ID: 12929

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69512/5	P3122005.D
Level 2	STD 240-69512/6	P3122006.D
Level 3	STD 240-69512/7	P3122007.D
Level 4	STD 240-69512/8	P3122008.D
Level 5	STD 240-69512/9	P3122009.D
Level 6	STD 240-69512/10	P3122010.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
alpha-BHC	4.264	4.266	4.265	4.265	4.267	4.266					4.232 - 4.292	4.266
gamma-BHC (Lindane)	4.609	4.609	4.608	4.609	4.611	4.610					4.577 - 4.637	4.609
beta-BHC	4.839	4.839	4.839	4.839	4.841	4.840					4.806 - 4.866	4.840
Heptachlor	4.906	4.906	4.906	4.905	4.908	4.906					4.872 - 4.932	4.906
delta-BHC	5.059	5.060	5.059	5.059	5.061	5.061					5.027 - 5.087	5.060
Aldrin	5.156	5.157	5.156	5.156	5.158	5.157					5.122 - 5.182	5.157
Heptachlor epoxide	5.688	5.687	5.686	5.687	5.689	5.688					5.653 - 5.713	5.688
gamma-Chlordane	5.949	5.948	5.948	5.947	5.951	5.948					5.913 - 5.973	5.949
alpha-Chlordane	6.067	6.066	6.066	6.066	6.069	6.068					6.031 - 6.091	6.067
Endosulfan I	6.117	6.116	6.114	6.115	6.118	6.117					6.080 - 6.140	6.116
4,4'-DDE	6.342	6.342	6.341	6.341	6.343	6.342					6.306 - 6.366	6.342
Dieldrin	6.449	6.449	6.448	6.448	6.451	6.450					6.413 - 6.473	6.449
Endrin	6.794	6.794	6.793	6.793	6.796	6.795					6.760 - 6.820	6.794
4,4'-DDD	6.984	6.985	6.984	6.983	6.986	6.984					6.951 - 7.011	6.984
Endosulfan II	7.092	7.092	7.091	7.092	7.094	7.092					7.058 - 7.118	7.092
4,4'-DDT	7.272	7.272	7.272	7.271	7.273	7.272					7.237 - 7.297	7.272
Endrin aldehyde	7.340	7.339	7.339	7.338	7.342	7.340					7.306 - 7.366	7.340
Endosulfan sulfate	7.549	7.550	7.550	7.550	7.552	7.551					7.516 - 7.576	7.550
Methoxychlor	7.987	7.987	7.986	7.985	7.988	7.987					7.951 - 8.011	7.987
Endrin ketone	8.133	8.134	8.134	8.133	8.134	8.133					8.097 - 8.157	8.134
Tetrachloro-m-xylene	3.618	3.618	3.618	3.618	3.619	3.620					3.584 - 3.644	3.619
DCB Decachlorobiphenyl	9.279	9.280	9.278	9.278	9.282	9.279					9.241 - 9.301	9.279

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 08:24 Calibration End Date: 12/20/2012 10:09 Calibration ID: 12929

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69512/5	P3122005.D
Level 2	STD 240-69512/6	P3122006.D
Level 3	STD 240-69512/7	P3122007.D
Level 4	STD 240-69512/8	P3122008.D
Level 5	STD 240-69512/9	P3122009.D
Level 6	STD 240-69512/10	P3122010.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								
alpha-BHC	1443125000 1396884390	1317494100 1391153475	1362090560	1436639900	Ave		1391231238				3.4		20.0			
gamma-BHC (Lindane)	1264903600 1126184780	1158842800 1208663140	1163150960	1234264400	Ave		1192668280				4.4		20.0			
beta-BHC	612022000 497243070	564402600 522980490	578697880	541227080	Ave		552762187				7.4		20.0			
Heptachlor	1194500600 978443650	1169232200 1035077630	1227179840	1123587280	Ave		1121336867				8.6		20.0			
delta-BHC	1231395600 1168001800	1126641700 1203224095	1271737600	1230677500	Ave		1205279716				4.3		20.0			
Aldrin	1304923800 1191792260	1193384200 1164391655	1315182240	1249880440	Ave		1236592433				5.1		20.0			
Heptachlor epoxide	1184486000 998713700	1020502200 982154545	1152332360	1091234640	Ave		1071570574				7.9		20.0			
gamma-Chlordane	1249508000 1099235950	1085528000 1111346590	1241923800	1150056580	Ave		1156266487				6.3		20.0			
alpha-Chlordane	1248936400 1101384630	1078475700 1099671325	1229655160	1147795920	Ave		1150986523				6.3		20.0			
Endosulfan I	1193248000 986053330	1046390300 953779690	1168095800	1055135600	Ave		1067117120				9.0		20.0			
4,4'-DDE	1275444000 1147896480	1114688000 1144287020	1293389360	1199821640	Ave		1195921083				6.2		20.0			
Dieldrin	1257281800 1074441260	1098798300 1044959225	1256180600	1139590980	Ave		1145208694				8.0		20.0			
Endrin	1139707200 923428310	976157500 916914230	1098456400	1016022780	Ave		1011781070				9.1		20.0			
4,4'-DDD	966315600 836051620	834000800 848409570	958156320	884781140	Ave		887952508				6.8		20.0			
Endosulfan II	1080825000 930429820	941873100 876111200	1070700840	962748520	Ave		977114747				8.4		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 08:24 Calibration End Date: 12/20/2012 10:09 Calibration ID: 12929

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								
4,4'-DDT	762334600 734650310	685674300 774165885	807195760	771028320	Ave		755841529				5.5		20.0			
Endrin aldehyde	921144400 756094830	794531900 742109050	887183480	814140320	Ave		819200663				8.7		20.0			
Endosulfan sulfate	960213400 839449490	830536800 808258750	963899800	879160340	Ave		880253097				7.7		20.0			
Methoxychlor	433742000 353043390	376250400 362242275	431287040	386982920	Ave		390591338				8.8		20.0			
Endrin ketone	1120503000 979544810	970344100 924067495	1140543240	1025339460	Ave		1026723684				8.5		20.0			
Tetrachloro-m-xylene	1189994800 1047509710	1071420500 1011819710	1096318120	1096427400	Ave		1085581707				5.6		20.0			
DCB Decachlorobiphenyl	1131325000 913532660	946267500 917064190	1085529640	964561420	Ave		993046735				9.3		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 08:24 Calibration End Date: 12/20/2012 10:09 Calibration ID: 12929

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69512/5	P3122005.D
Level 2	STD 240-69512/6	P3122006.D
Level 3	STD 240-69512/7	P3122007.D
Level 4	STD 240-69512/8	P3122008.D
Level 5	STD 240-69512/9	P3122009.D
Level 6	STD 240-69512/10	P3122010.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
alpha-BHC	Ave	7215625 278230695	13174941	34052264	71831995	139688439	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-BHC (Lindane)	Ave	6324518 241732628	11588428	29078774	61713220	112618478	0.00500 0.200	0.0100	0.0250	0.0500	0.100
beta-BHC	Ave	3060110 104596098	5644026	14467447	27061354	49724307	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor	Ave	5972503 207015526	11692322	30679496	56179364	97844365	0.00500 0.200	0.0100	0.0250	0.0500	0.100
delta-BHC	Ave	6156978 240644819	11266417	31793440	61533875	116800180	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Aldrin	Ave	6524619 232878331	11933842	32879556	62494022	119179226	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor epoxide	Ave	5922430 196430909	10205022	28808309	54561732	99871370	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-Chlordane	Ave	6247540 222269318	10855280	31048095	57502829	109923595	0.00500 0.200	0.0100	0.0250	0.0500	0.100
alpha-Chlordane	Ave	6244682 219934265	10784757	30741379	57389796	110138463	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan I	Ave	5966240 190755938	10463903	29202395	52756780	98605333	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDE	Ave	6377220 228857404	11146880	32334734	59991082	114789648	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Dieldrin	Ave	6286409 208991845	10987983	31404515	56979549	107444126	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin	Ave	5698536 183382846	9761575	27461410	50801139	92342831	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDD	Ave	4831578 169681914	8340008	23953908	44239057	83605162	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan II	Ave	5404125 175222240	9418731	26767521	48137426	93042982	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDT	Ave	3811673 154833177	6856743	20179894	38551416	73465031	0.00500 0.200	0.0100	0.0250	0.0500	0.100

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 08:24 Calibration End Date: 12/20/2012 10:09 Calibration ID: 12929

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
Endrin aldehyde	Ave	4605722 148421810	7945319	22179587	40707016	75609483	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan sulfate	Ave	4801067 161651750	8305368	24097495	43958017	83944949	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Methoxychlor	Ave	2168710 72448455	3762504	10782176	19349146	35304339	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin ketone	Ave	5602515 184813499	9703441	28513581	51266973	97954481	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Tetrachloro-m-xylene	Ave	5949974 202363942	10714205	27407953	54821370	104750971	0.00500 0.200	0.0100	0.0250	0.0500	0.100
DCB Decachlorobiphenyl	Ave	5656625 183412838	9462675	27138241	48228071	91353266	0.00500 0.200	0.0100	0.0250	0.0500	0.100

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122005.D
Lims ID: STD AB L1 Client ID:
Inject. Date: 20-Dec-2012 08:24:35 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0016042-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 69512 Lims Sample ID: 5
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:47 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.614	0.004	5949974	0.005481			
2	100	4.385	4.391	-0.006	3715312	0.005155			
						RPD = 6.13			
5 alpha-BHC									
1	100	4.264	4.262	0.002	7215625	0.005187			
2	100	4.771	4.779	-0.008	3798282	0.005004			
						RPD = 3.58			
20 gamma-BHC (Lindane)									
1	100	4.609	4.607	0.002	6324518	0.005303			
2	100	5.057	5.066	-0.009	3229186	0.005166			
						RPD = 2.60			
7 beta-BHC									
1	100	4.839	4.836	0.003	3060110	0.005536			
2	100	5.324	5.335	-0.011	1622488	0.005516			
						RPD = 0.36			
22 Heptachlor									
1	100	4.906	4.902	0.004	5972503	0.005326			
2	100	5.636	5.647	-0.011	2855930	0.005380			
						RPD = 1.01			
11 delta-BHC									
1	100	5.059	5.057	0.002	6156978	0.005108			
2	100	5.576	5.588	-0.012	3095231	0.005029			
						RPD = 1.57			
4 Aldrin									
1	100	5.156	5.152	0.004	6524619	0.005276			
2	100	6.007	6.021	-0.014	3492388	0.005033			
						RPD = 4.73			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.688	5.683	0.005	5922430	0.005527			
2	100	6.534	6.545	-0.011	2974181	0.005273			
						RPD = 4.71			
21 gamma-Chlordane									
1	100	5.949	5.943	0.006	6247540	0.005403			
2	100	6.895	6.908	-0.013	3044462	0.005142			
						RPD = 4.96			
6 alpha-Chlordane									
1	100	6.067	6.061	0.006	6244682	0.005426			
2	100	6.949	6.960	-0.011	3267178	0.005152			
						RPD = 5.17			
14 Endosulfan I									
1	100	6.117	6.110	0.007	5966240	0.005591			
2	100	6.980	6.993	-0.013	2802951	0.005161			
						RPD = 7.99			
2 4,4'-DDE									
1	100	6.342	6.336	0.006	6377220	0.005332			
2	100	7.139	7.152	-0.013	3835592	0.005187			
						RPD = 2.77			
13 Dieldrin									
1	100	6.449	6.443	0.006	6286409	0.005489			
2	100	7.260	7.271	-0.011	2980956	0.005134			
						RPD = 6.68			
17 Endrin									
1	100	6.794	6.790	0.004	5698536	0.005632			
2	100	7.496	7.509	-0.013	2718534	0.005233			
						RPD = 7.34			
1 4,4'-DDD									
1	100	6.984	6.981	0.003	4831578	0.005441			
2	100	7.679	7.692	-0.013	2185350	0.005101			
						RPD = 6.45			
15 Endosulfan II									
1	100	7.092	7.088	0.004	5404125	0.005531			
2	100	7.776	7.788	-0.012	2527825	0.005169			
						RPD = 6.76			
3 4,4'-DDT									
1	100	7.272	7.267	0.005	3811673	0.005043			
2	100	7.984	7.996	-0.012	1539071	0.004508			
						RPD = 11.21			
18 Endrin aldehyde									
1	100	7.340	7.336	0.004	4605722	0.005622			
2	100	7.889	7.899	-0.010	2060810	0.005166			
						RPD = 8.47			
16 Endosulfan sulfate									
1	100	7.549	7.546	0.003	4801067	0.005454			
2	100	8.172	8.183	-0.011	2141795	0.005021			
						RPD = 8.27			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.987	7.981	0.006	2168710	0.005552			
2	100	8.425	8.438	-0.013	885076	0.005147			
						RPD = 7.58			
19 Endrin ketone									
1	100	8.133	8.127	0.006	5602515	0.005457			
2	100	8.568	8.580	-0.012	2429507	0.005191			
						RPD = 5.00			
$ 10 DCB Decachlorobiphenyl									
1	100	9.279	9.271	0.008	5656625	0.005696			
2	100	10.389	10.411	-0.022	3103283	0.005332			
						RPD = 6.61			

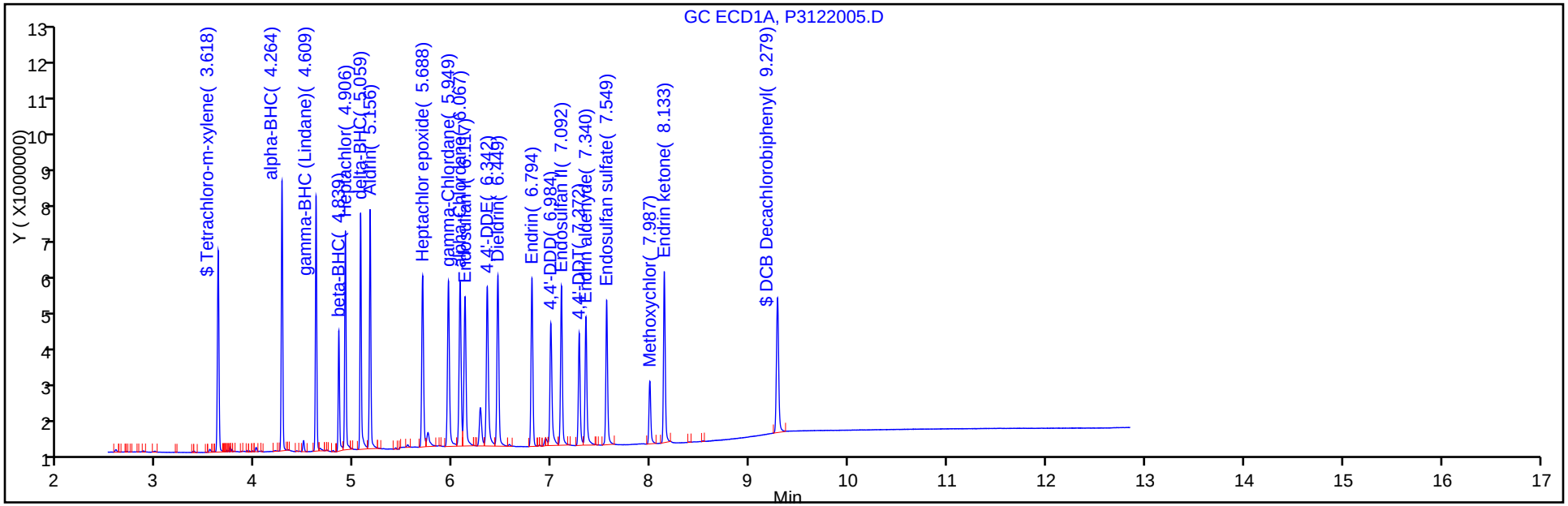
Report Date: 21-Dec-2012 07:16:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

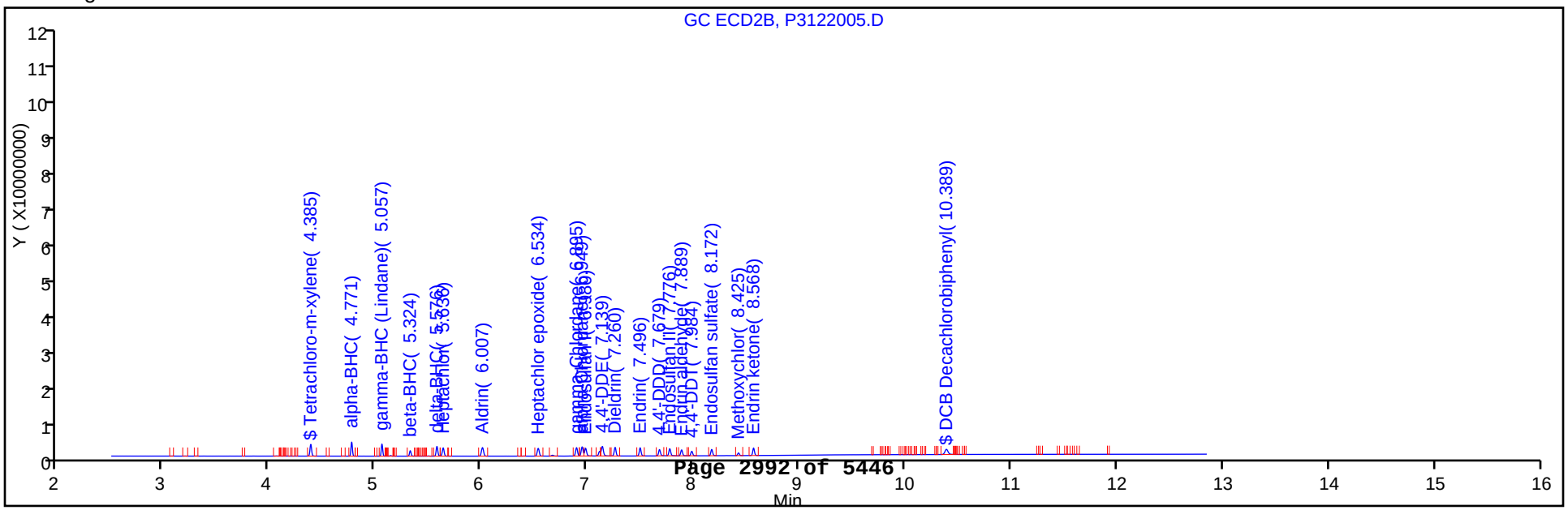
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122005.D

Injection Date:	20-Dec-2012 08:24:35	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122006.D
Lims ID: STD AB L2 Client ID:
Inject. Date: 20-Dec-2012 08:45:31 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0016042-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 69512 Lims Sample ID: 6
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:50 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.614	0.004	10714205	0.009870			
2	100	4.385	4.391	-0.006	6624388	0.009191			
						RPD = 7.12			
5 alpha-BHC									
1	100	4.266	4.262	0.004	13174941	0.009470			
2	100	4.771	4.779	-0.008	7000007	0.009222			
						RPD = 2.65			
20 gamma-BHC (Lindane)									
1	100	4.609	4.607	0.002	11588428	0.009716			
2	100	5.057	5.066	-0.009	5891220	0.009426			
						RPD = 3.04			
7 beta-BHC									
1	100	4.839	4.836	0.003	5644026	0.0102			
2	100	5.325	5.335	-0.010	2832135	0.009628			
						RPD = 5.87			
22 Heptachlor									
1	100	4.906	4.902	0.004	11692322	0.0104			
2	100	5.636	5.647	-0.011	5119948	0.009646			
						RPD = 7.78			
11 delta-BHC									
1	100	5.060	5.057	0.003	11266417	0.009348			
2	100	5.577	5.588	-0.011	5614594	0.009122			
						RPD = 2.45			
4 Aldrin									
1	100	5.157	5.152	0.005	11933842	0.009651			
2	100	6.006	6.021	-0.015	6359530	0.009164			
						RPD = 5.17			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.687	5.683	0.004	10205022	0.009523			
2	100	6.532	6.545	-0.013	5321992	0.009435			
						RPD = 0.93			
21 gamma-Chlordane									
1	100	5.948	5.943	0.005	10855280	0.009388			
2	100	6.894	6.908	-0.014	5466898	0.009233			
						RPD = 1.67			
6 alpha-Chlordane									
1	100	6.066	6.061	0.005	10784757	0.009370			
2	100	6.948	6.960	-0.012	5839260	0.009208			
						RPD = 1.74			
14 Endosulfan I									
1	100	6.116	6.110	0.006	10463903	0.009806			
2	100	6.980	6.993	-0.013	5050544	0.009300			
						RPD = 5.29			
2 4,4'-DDE									
1	100	6.342	6.336	0.006	11146880	0.009321			
2	100	7.138	7.152	-0.014	6827034	0.009232			
						RPD = 0.96			
13 Dieldrin									
1	100	6.449	6.443	0.006	10987983	0.009595			
2	100	7.258	7.271	-0.013	5407572	0.009314			
						RPD = 2.97			
17 Endrin									
1	100	6.794	6.790	0.004	9761575	0.009648			
2	100	7.496	7.509	-0.013	4886689	0.009407			
						RPD = 2.53			
1 4,4'-DDD									
1	100	6.985	6.981	0.004	8340008	0.009392			
2	100	7.677	7.692	-0.015	4006698	0.009353			
						RPD = 0.43			
15 Endosulfan II									
1	100	7.092	7.088	0.004	9418731	0.009639			
2	100	7.775	7.788	-0.013	4587773	0.009381			
						RPD = 2.71			
3 4,4'-DDT									
1	100	7.272	7.267	0.005	6856743	0.009072			
2	100	7.982	7.996	-0.014	3003404	0.008797			
						RPD = 3.08			
18 Endrin aldehyde									
1	100	7.339	7.336	0.003	7945319	0.009699			
2	100	7.887	7.899	-0.012	3776691	0.009466			
						RPD = 2.42			
16 Endosulfan sulfate									
1	100	7.550	7.546	0.004	8305368	0.009435			
2	100	8.172	8.183	-0.011	3936365	0.009228			
						RPD = 2.22			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.987	7.981	0.006	3762504	0.009633			
2	100	8.425	8.438	-0.013	1608441	0.009353			
						RPD = 2.95			
19 Endrin ketone									
1	100	8.134	8.127	0.007	9703441	0.009451			
2	100	8.567	8.580	-0.013	4405194	0.009412			
						RPD = 0.42			
$ 10 DCB Decachlorobiphenyl									
1	100	9.280	9.271	0.009	9462675	0.009529			
2	100	10.388	10.411	-0.023	5341251	0.009177			
						RPD = 3.76			

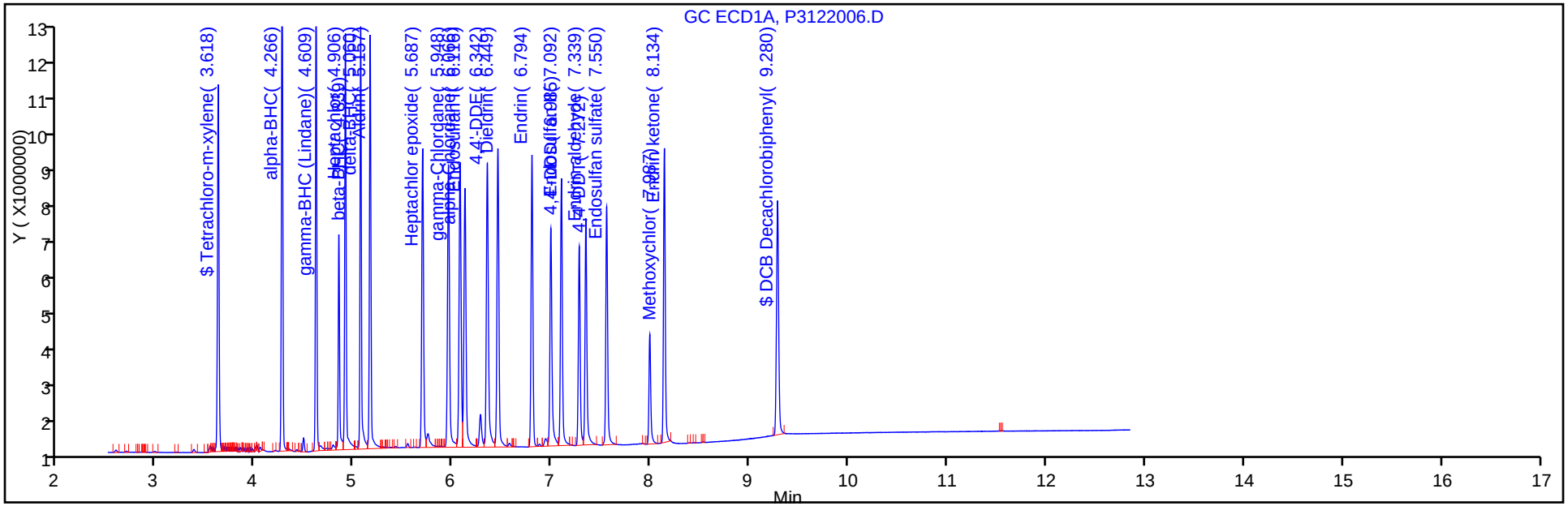
Report Date: 21-Dec-2012 07:16:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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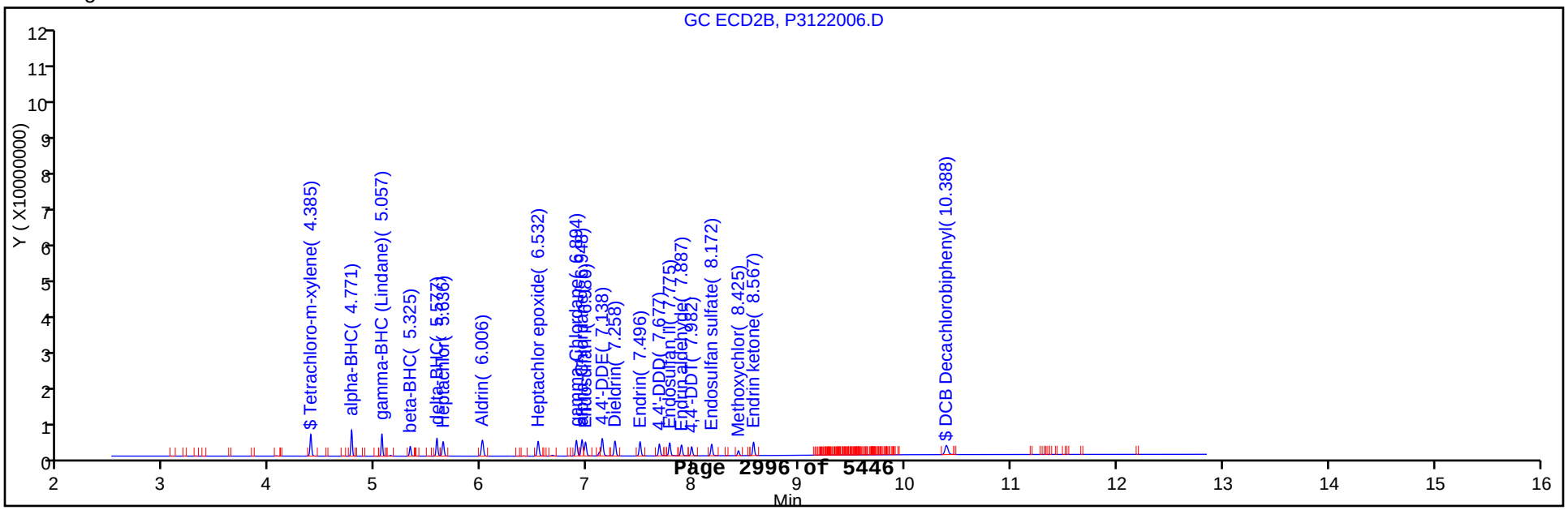
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122006.D

Injection Date:	20-Dec-2012 08:45:31	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122007.D
Lims ID: STD AB L3 Client ID:
Inject. Date: 20-Dec-2012 09:05:57 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0016042-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 69512 Lims Sample ID: 7
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:52 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.618	0.000	27407953	0.0252			
2	100	4.385	4.385	0.000	18220312	0.0253			
						RPD = 0.13			
5 alpha-BHC									
1	100	4.265	4.265	0.000	34052264	0.0245			
2	100	4.771	4.771	0.000	19236254	0.0253			
						RPD = 3.48			
20 gamma-BHC (Lindane)									
1	100	4.608	4.608	0.000	29078774	0.0244			
2	100	5.057	5.057	0.000	15969122	0.0255			
						RPD = 4.68			
7 beta-BHC									
1	100	4.839	4.839	0.000	14467447	0.0262			
2	100	5.324	5.324	0.000	7424401	0.0252			
						RPD = 3.63			
22 Heptachlor									
1	100	4.906	4.906	0.000	30679496	0.0274			
2	100	5.636	5.636	0.000	13635978	0.0257			
						RPD = 6.30			
11 delta-BHC									
1	100	5.059	5.059	0.000	31793440	0.0264			
2	100	5.576	5.576	0.000	15601644	0.0253			
						RPD = 3.99			
4 Aldrin									
1	100	5.156	5.156	0.000	32879556	0.0266			
2	100	6.006	6.006	0.000	17485424	0.0252			
						RPD = 5.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.686	5.686	0.000	28808309	0.0269			
2	100	6.534	6.534	0.000	14394236	0.0255			
						RPD = 5.21			
21 gamma-Chlordane									
1	100	5.948	5.948	0.000	31048095	0.0269			
2	100	6.896	6.896	0.000	15026854	0.0254			
						RPD = 5.64			
6 alpha-Chlordane									
1	100	6.066	6.066	0.000	30741379	0.0267			
2	100	6.949	6.949	0.000	16128963	0.0254			
						RPD = 4.88			
14 Endosulfan I									
1	100	6.114	6.114	0.000	29202395	0.0274			
2	100	6.981	6.981	0.000	13869361	0.0255			
						RPD = 6.90			
2 4,4'-DDE									
1	100	6.341	6.341	0.000	32334734	0.0270			
2	100	7.139	7.139	0.000	20084012	0.0272			
						RPD = 0.45			
13 Dieldrin									
1	100	6.448	6.448	0.000	31404515	0.0274			
2	100	7.260	7.260	0.000	14874185	0.0256			
						RPD = 6.80			
17 Endrin									
1	100	6.793	6.793	0.000	27461410	0.0271			
2	100	7.497	7.497	0.000	13376252	0.0257			
						RPD = 5.26			
1 4,4'-DDD									
1	100	6.984	6.984	0.000	23953908	0.0270			
2	100	7.678	7.678	0.000	11099652	0.0259			
						RPD = 4.04			
15 Endosulfan II									
1	100	7.091	7.091	0.000	26767521	0.0274			
2	100	7.776	7.776	0.000	12792709	0.0262			
						RPD = 4.62			
3 4,4'-DDT									
1	100	7.272	7.272	0.000	20179894	0.0267			
2	100	7.984	7.984	0.000	8729354	0.0256			
						RPD = 4.33			
18 Endrin aldehyde									
1	100	7.339	7.339	0.000	22179587	0.0271			
2	100	7.888	7.888	0.000	10546785	0.0264			
						RPD = 2.39			
16 Endosulfan sulfate									
1	100	7.550	7.550	0.000	24097495	0.0274			
2	100	8.172	8.172	0.000	10904174	0.0256			
						RPD = 6.85			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.986	7.986	0.000	10782176	0.0276			
2	100	8.424	8.424	0.000	4553219	0.0265			
						RPD = 4.17			
19 Endrin ketone									
1	100	8.134	8.134	0.000	28513581	0.0278			
2	100	8.569	8.569	0.000	12236141	0.0261			
						RPD = 6.04			
$ 10 DCB Decachlorobiphenyl									
1	100	9.278	9.278	0.000	27138241	0.0273			
2	100	10.390	10.390	0.000	15080460	0.0259			
						RPD = 5.33			

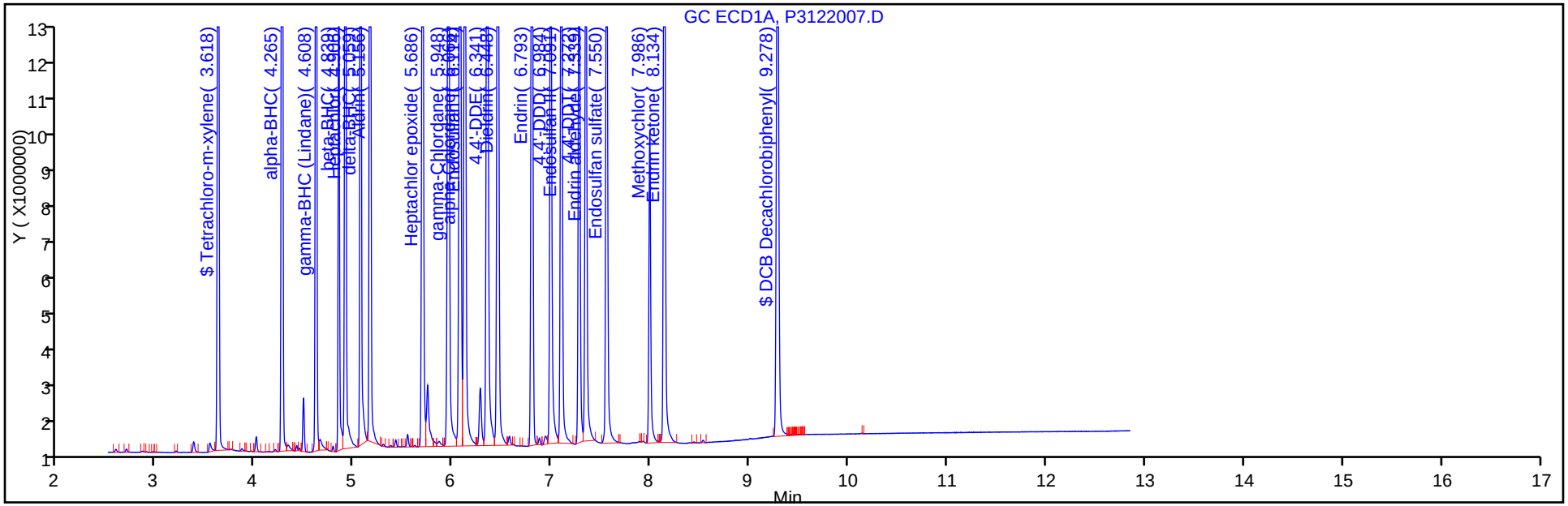
Report Date: 21-Dec-2012 07:16:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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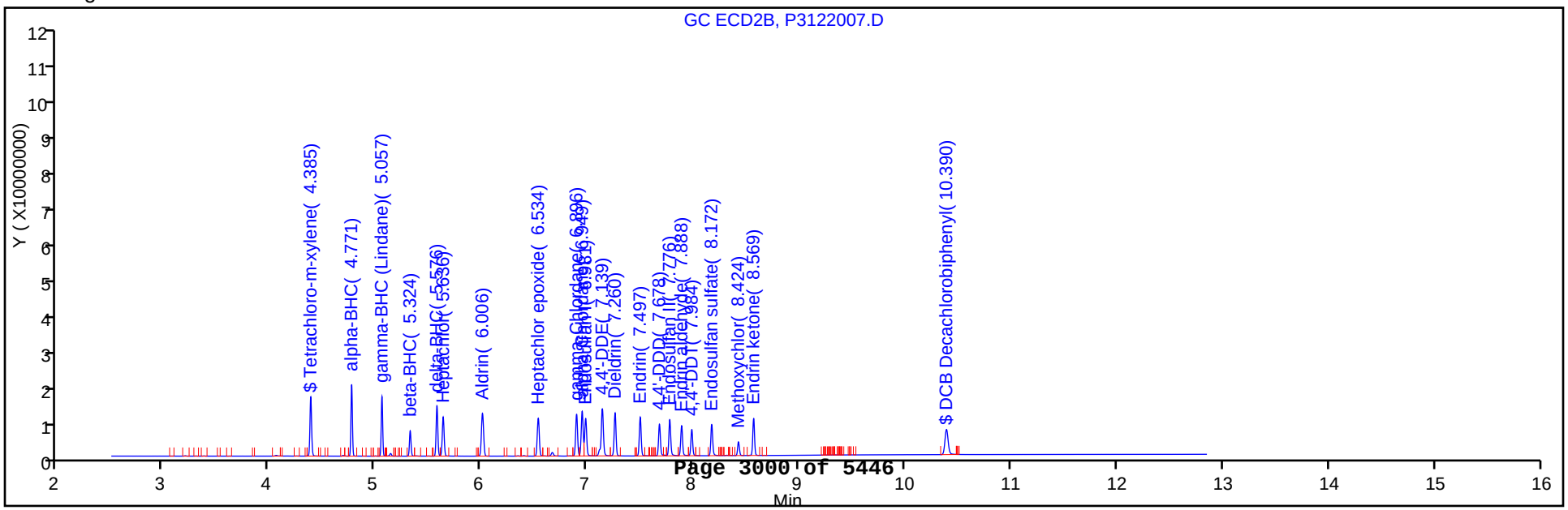
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122007.D

Injection Date:	20-Dec-2012 09:05:57	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122008.D
Lims ID: STD AB L4 Client ID:
Inject. Date: 20-Dec-2012 09:27:17 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0016042-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 69512 Lims Sample ID: 8
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:55 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.618	0.000	54821370	0.0505			
2	100	4.383	4.385	-0.002	37576627	0.0521			
						RPD = 3.19			
5 alpha-BHC									
1	100	4.265	4.265	0.000	71831995	0.0516			
2	100	4.769	4.771	-0.002	39377925	0.0519			
						RPD = 0.48			
20 gamma-BHC (Lindane)									
1	100	4.609	4.608	0.001	61713220	0.0517			
2	100	5.057	5.057	0.000	31810370	0.0509			
						RPD = 1.65			
7 beta-BHC									
1	100	4.839	4.839	0.000	27061354	0.0490			
2	100	5.323	5.324	-0.001	14668259	0.0499			
						RPD = 1.84			
22 Heptachlor									
1	100	4.905	4.906	-0.001	56179364	0.0501			
2	100	5.634	5.636	-0.002	26840130	0.0506			
						RPD = 0.92			
11 delta-BHC									
1	100	5.059	5.059	0.000	61533875	0.0511			
2	100	5.576	5.576	0.000	31789794	0.0516			
						RPD = 1.15			
4 Aldrin									
1	100	5.156	5.156	0.000	62494022	0.0505			
2	100	6.005	6.006	-0.001	36062628	0.0520			
						RPD = 2.79			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.687	5.686	0.001	54561732	0.0509			
2	100	6.532	6.534	-0.002	28897152	0.0512			
						RPD = 0.61			
21 gamma-Chlordane									
1	100	5.947	5.948	-0.001	57502829	0.0497			
2	100	6.895	6.896	-0.001	30436669	0.0514			
						RPD = 3.31			
6 alpha-Chlordane									
1	100	6.066	6.066	0.000	57389796	0.0499			
2	100	6.948	6.949	-0.001	32771831	0.0517			
						RPD = 3.58			
14 Endosulfan I									
1	100	6.115	6.114	0.001	52756780	0.0494			
2	100	6.979	6.981	-0.002	27765080	0.0511			
						RPD = 3.36			
2 4,4'-DDE									
1	100	6.341	6.341	0.000	59991082	0.0502			
2	100	7.138	7.139	-0.001	37278344	0.0504			
						RPD = 0.49			
13 Dieldrin									
1	100	6.448	6.448	0.000	56979549	0.0498			
2	100	7.258	7.260	-0.002	29960903	0.0516			
						RPD = 3.65			
17 Endrin									
1	100	6.793	6.793	0.000	50801139	0.0502			
2	100	7.495	7.497	-0.002	26693852	0.0514			
						RPD = 2.32			
1 4,4'-DDD									
1	100	6.983	6.984	-0.001	44239057	0.0498			
2	100	7.677	7.678	-0.001	22046918	0.0515			
						RPD = 3.24			
15 Endosulfan II									
1	100	7.092	7.091	0.001	48137426	0.0493			
2	100	7.774	7.776	-0.002	24742493	0.0506			
						RPD = 2.66			
3 4,4'-DDT									
1	100	7.271	7.272	-0.001	38551416	0.0510			
2	100	7.982	7.984	-0.002	17642616	0.0517			
						RPD = 1.30			
18 Endrin aldehyde									
1	100	7.338	7.339	-0.001	40707016	0.0497			
2	100	7.887	7.888	-0.001	19915445	0.0499			
						RPD = 0.46			
16 Endosulfan sulfate									
1	100	7.550	7.550	0.000	43958017	0.0499			
2	100	8.170	8.172	-0.002	21718271	0.0509			
						RPD = 1.93			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.985	7.986	-0.001	19349146	0.0495			
2	100	8.423	8.424	-0.001	8689632	0.0505			
						RPD = 1.98			
19 Endrin ketone									
1	100	8.133	8.134	-0.001	51266973	0.0499			
2	100	8.567	8.569	-0.002	23522851	0.0503			
						RPD = 0.65			
$ 10 DCB Decachlorobiphenyl									
1	100	9.278	9.278	0.000	48228071	0.0486			
2	100	10.387	10.390	-0.003	29254926	0.0503			
						RPD = 3.44			

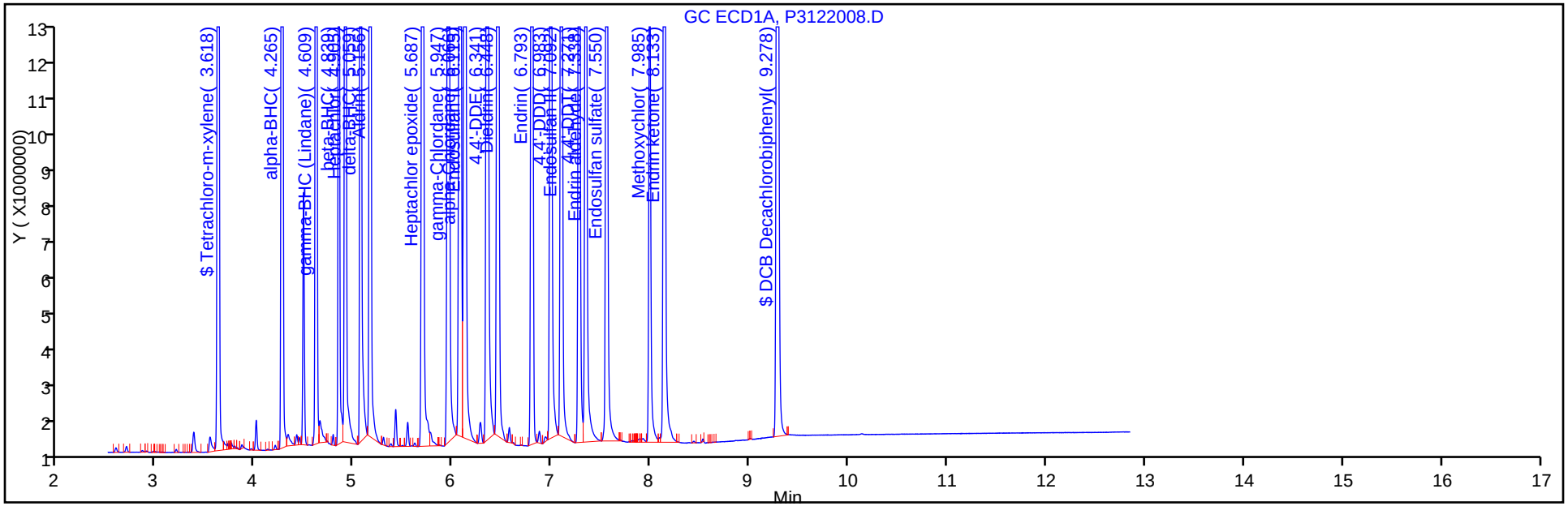
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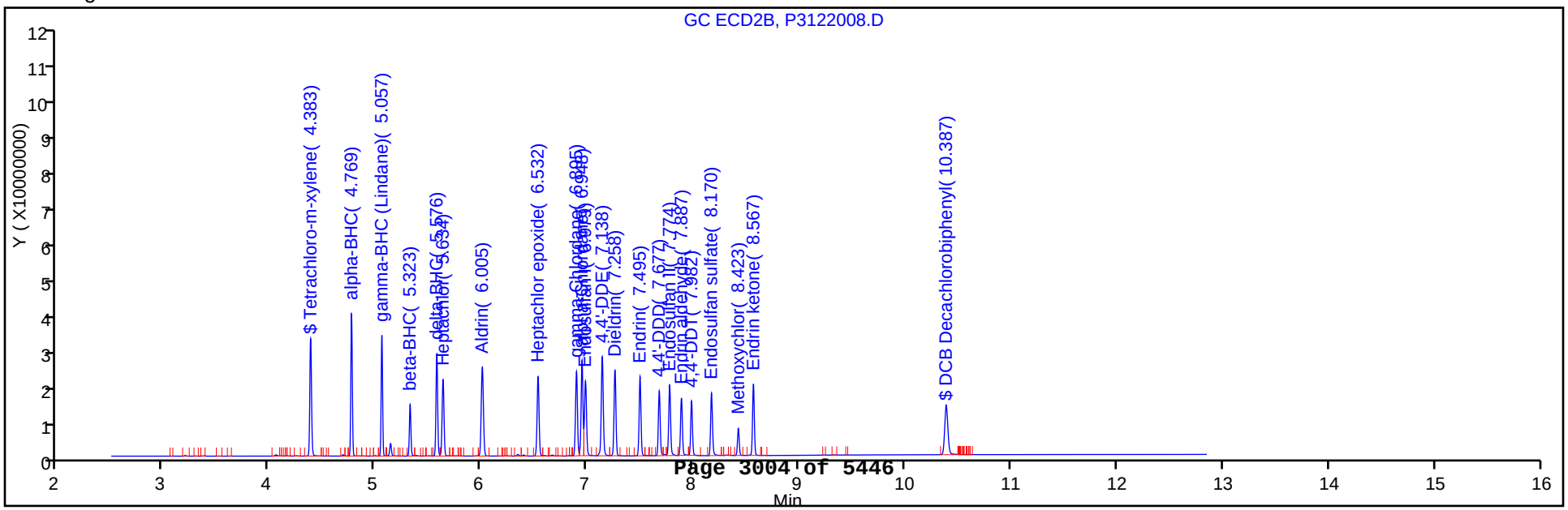
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122008.D

Injection Date:	20-Dec-2012 09:27:17	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	8
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122009.D
Lims ID: STD AB L5 Client ID:
Inject. Date: 20-Dec-2012 09:47:36 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0016042-009
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 69512 Lims Sample ID: 9
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:57 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.619	3.618	0.001	104750971	0.0965			
2	100	4.387	4.385	0.002	72532664	0.1006			
						RPD = 4.20			
5 alpha-BHC									
1	100	4.267	4.265	0.002	139688439	0.1004			
2	100	4.773	4.771	0.002	75604758	0.0996			
						RPD = 0.80			
20 gamma-BHC (Lindane)									
1	100	4.611	4.608	0.003	112618478	0.0944			
2	100	5.059	5.057	0.002	59745187	0.0956			
						RPD = 1.22			
7 beta-BHC									
1	100	4.841	4.839	0.002	49724307	0.0900			
2	100	5.327	5.324	0.003	27124021	0.0922			
						RPD = 2.48			
22 Heptachlor									
1	100	4.908	4.906	0.002	97844365	0.0873			
2	100	5.638	5.636	0.002	47781452	0.0900			
						RPD = 3.12			
11 delta-BHC									
1	100	5.061	5.059	0.002	116800180	0.0969			
2	100	5.579	5.576	0.003	60786231	0.0988			
						RPD = 1.89			
4 Aldrin									
1	100	5.158	5.156	0.002	119179226	0.0964			
2	100	6.010	6.006	0.004	69643295	0.1004			
						RPD = 4.05			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.689	5.686	0.003	99871370	0.0932			
2	100	6.535	6.534	0.001	54337641	0.0963			
						RPD = 3.30			
21 gamma-Chlordane									
1	100	5.951	5.948	0.003	109923595	0.0951			
2	100	6.898	6.896	0.002	58462297	0.0987			
						RPD = 3.78			
6 alpha-Chlordane									
1	100	6.069	6.066	0.003	110138463	0.0957			
2	100	6.951	6.949	0.002	62998907	0.0993			
						RPD = 3.75			
14 Endosulfan I									
1	100	6.118	6.114	0.004	98605333	0.0924			
2	100	6.983	6.981	0.002	53363264	0.0983			
						RPD = 6.15			
2 4,4'-DDE									
1	100	6.343	6.341	0.002	114789648	0.0960			
2	100	7.141	7.139	0.002	71512194	0.0967			
						RPD = 0.74			
13 Dieldrin									
1	100	6.451	6.448	0.003	107444126	0.0938			
2	100	7.261	7.260	0.001	56440440	0.0972			
						RPD = 3.55			
17 Endrin									
1	100	6.796	6.793	0.003	92342831	0.0913			
2	100	7.499	7.497	0.002	49361378	0.0950			
						RPD = 4.03			
1 4,4'-DDD									
1	100	6.986	6.984	0.002	83605162	0.0942			
2	100	7.679	7.678	0.001	41427565	0.0967			
						RPD = 2.67			
15 Endosulfan II									
1	100	7.094	7.091	0.003	93042982	0.0952			
2	100	7.778	7.776	0.002	47861668	0.0979			
						RPD = 2.74			
3 4,4'-DDT									
1	100	7.273	7.272	0.001	73465031	0.0972			
2	100	7.985	7.984	0.001	35327704	0.1035			
						RPD = 6.26			
18 Endrin aldehyde									
1	100	7.342	7.339	0.003	75609483	0.0923			
2	100	7.889	7.888	0.001	38207904	0.0958			
						RPD = 3.69			
16 Endosulfan sulfate									
1	100	7.552	7.550	0.002	83944949	0.0954			
2	100	8.174	8.172	0.002	42331696	0.0992			
						RPD = 3.98			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.988	7.986	0.002	35304339	0.0904			
2	100	8.426	8.424	0.002	16285768	0.0947			
						RPD = 4.66			
19 Endrin ketone									
1	100	8.134	8.134	0.000	97954481	0.0954			
2	100	8.569	8.569	0.000	45482923	0.0972			
						RPD = 1.84			
$ 10 DCB Decachlorobiphenyl									
1	100	9.282	9.278	0.004	91353266	0.0920			
2	100	10.394	10.390	0.004	55941421	0.0961			
						RPD = 4.38			

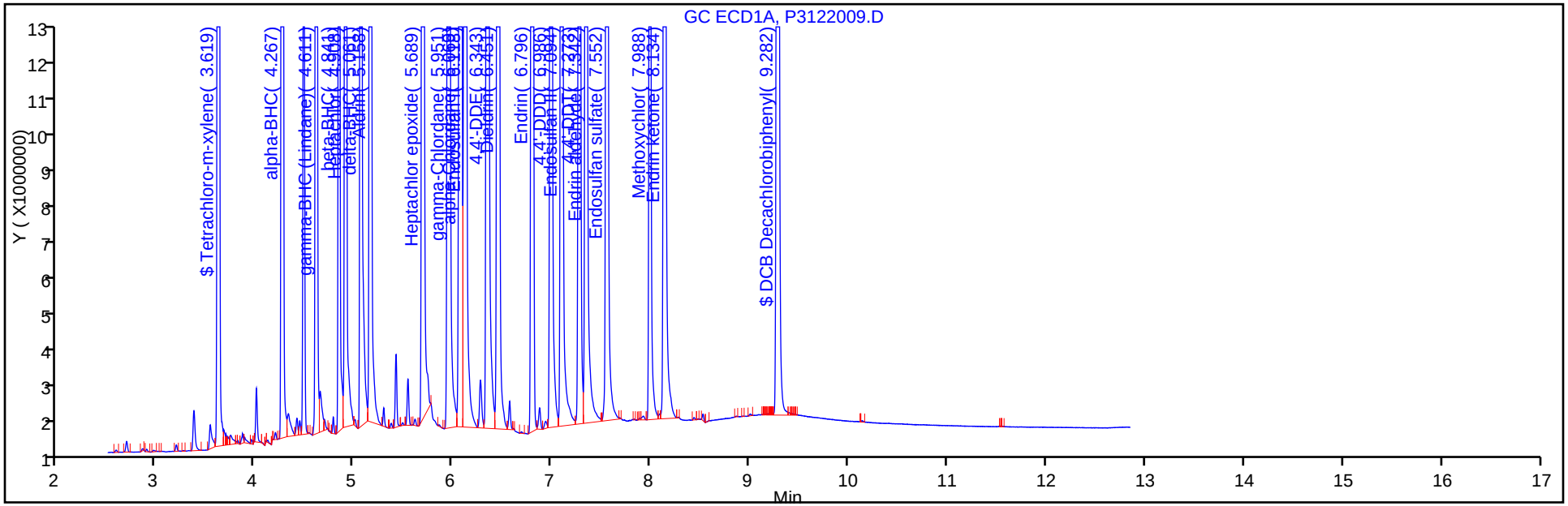
Report Date: 21-Dec-2012 07:16:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

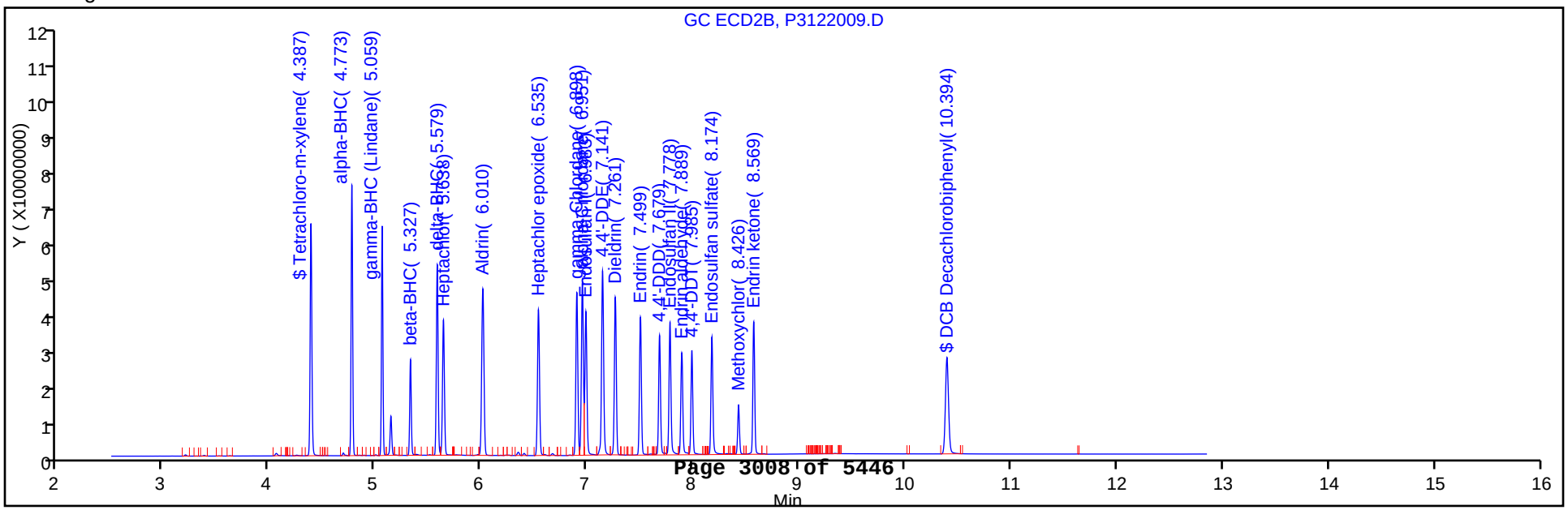
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122009.D

Injection Date:	20-Dec-2012 09:47:36	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	9
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122010.D
Lims ID: STD AB L6 Client ID:
Inject. Date: 20-Dec-2012 10:09:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0016042-010
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 69512 Lims Sample ID: 10
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:58 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:35:24

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.620	3.618	0.002	202363942	0.1864			
2	100	4.386	4.385	0.001	142659946	0.1979			
						RPD = 6.00			
5 alpha-BHC									
1	100	4.266	4.265	0.001	278230695	0.2000			
2	100	4.772	4.771	0.001	156312644	0.2059			
						RPD = 2.93			
20 gamma-BHC (Lindane)									
1	100	4.610	4.608	0.002	241732628	0.2027			
2	100	5.057	5.057	0.000	128552946	0.2057			
						RPD = 1.47			
7 beta-BHC									
1	100	4.840	4.839	0.001	104596098	0.1892			
2	100	5.325	5.324	0.001	59115124	0.2010			
						RPD = 6.02			
22 Heptachlor									
1	100	4.906	4.906	0.000	207015526	0.1846			
2	100	5.637	5.636	0.001	108306362	0.2040			
						RPD = 10.00			
11 delta-BHC									
1	100	5.061	5.059	0.002	240644819	0.1997			
2	100	5.577	5.576	0.001	128985319	0.2096			
						RPD = 4.84			
4 Aldrin									
1	100	5.157	5.156	0.001	232878331	0.1883			
2	100	6.007	6.006	0.001	142416994	0.2052			
						RPD = 8.59			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.688	5.686	0.002	196430909	0.1833			
2	100	6.534	6.534	0.000	112052889	0.1987			
						RPD = 8.03			
21 gamma-Chlordane									
1	100	5.948	5.948	0.000	222269318	0.1922			
2	100	6.896	6.896	0.000	120541660	0.2036			
						RPD = 5.73			
6 alpha-Chlordane									
1	100	6.068	6.066	0.002	219934265	0.1911			
2	100	6.949	6.949	0.000	127352299	0.2008			
						RPD = 4.98			
14 Endosulfan I									
1	100	6.117	6.114	0.003	190755938	0.1788			
2	100	6.981	6.981	0.000	109798396	0.2022			
						RPD = 12.30			
2 4,4'-DDE									
1	100	6.342	6.341	0.001	228857404	0.1914			
2	100	7.139	7.139	0.000	144648254	0.1956			
						RPD = 2.19			
13 Dieldrin									
1	100	6.450	6.448	0.002	208991845	0.1825			
2	100	7.261	7.260	0.001	117617425	0.2026			
						RPD = 10.43			
17 Endrin									
1	100	6.795	6.793	0.002	183382846	0.1812			
2	100	7.497	7.497	0.000	104390968	0.2010			
						RPD = 10.31			
1 4,4'-DDD									
1	100	6.984	6.984	0.000	169681914	0.1911			
2	100	7.677	7.678	-0.001	86701280	0.2024			
						RPD = 5.74			
15 Endosulfan II									
1	100	7.092	7.091	0.001	175222240	0.1793			
2	100	7.776	7.776	0.000	96947288	0.1982			
						RPD = 10.02			
3 4,4'-DDT									
1	100	7.272	7.272	0.000	154833177	0.2048			
2	100	7.983	7.984	-0.001	77012479	0.2256			
						RPD = 9.63			
18 Endrin aldehyde									
1	100	7.340	7.339	0.001	148421810	0.1812			
2	100	7.887	7.888	-0.001	80325850	0.2013			
						RPD = 10.54			
16 Endosulfan sulfate									
1	100	7.551	7.550	0.001	161651750	0.1836			
2	100	8.172	8.172	0.000	88718781	0.2080			
						RPD = 12.43			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.987	7.986	0.001	72448455	0.1855			
2	100	8.425	8.424	0.001	35035933	0.2037			
						RPD = 9.38			
19 Endrin ketone									
1	100	8.133	8.134	-0.001	184813499	0.1800			
2	100	8.567	8.569	-0.002	93433734	0.1996			
						RPD = 10.34			
$ 10 DCB Decachlorobiphenyl									
1	100	9.279	9.278	0.001	183412838	0.1847			
2	100	10.389	10.390	-0.001	117939292	0.2026			
						RPD = 9.26			

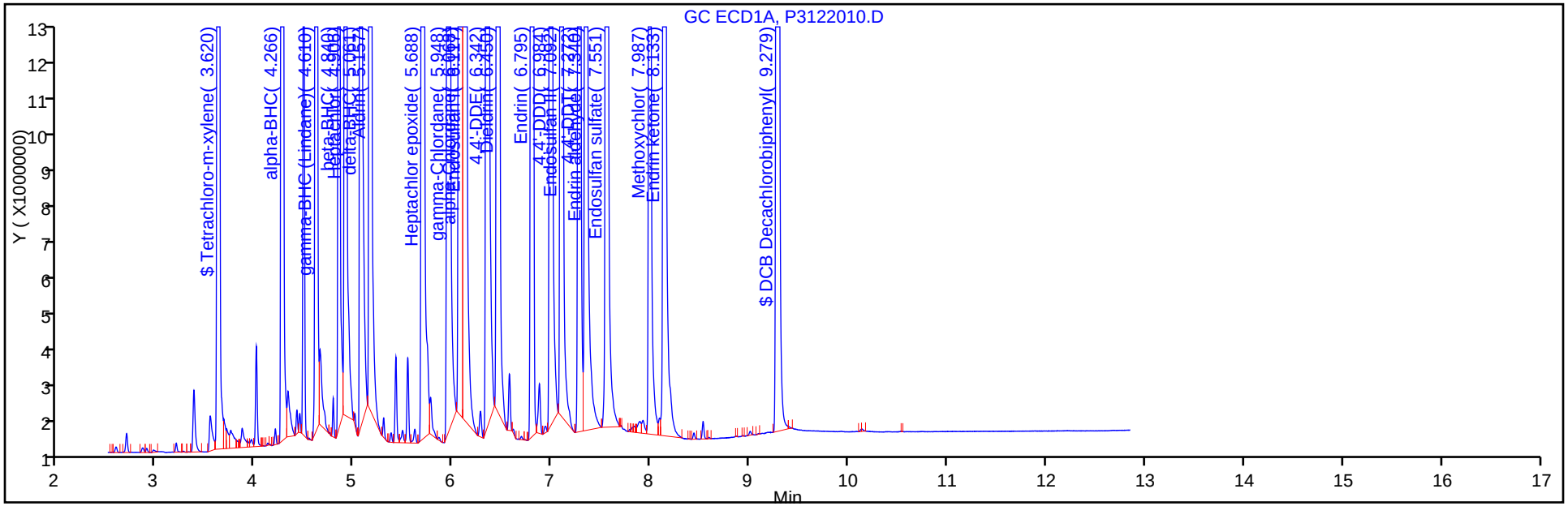
Report Date: 21-Dec-2012 07:16:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

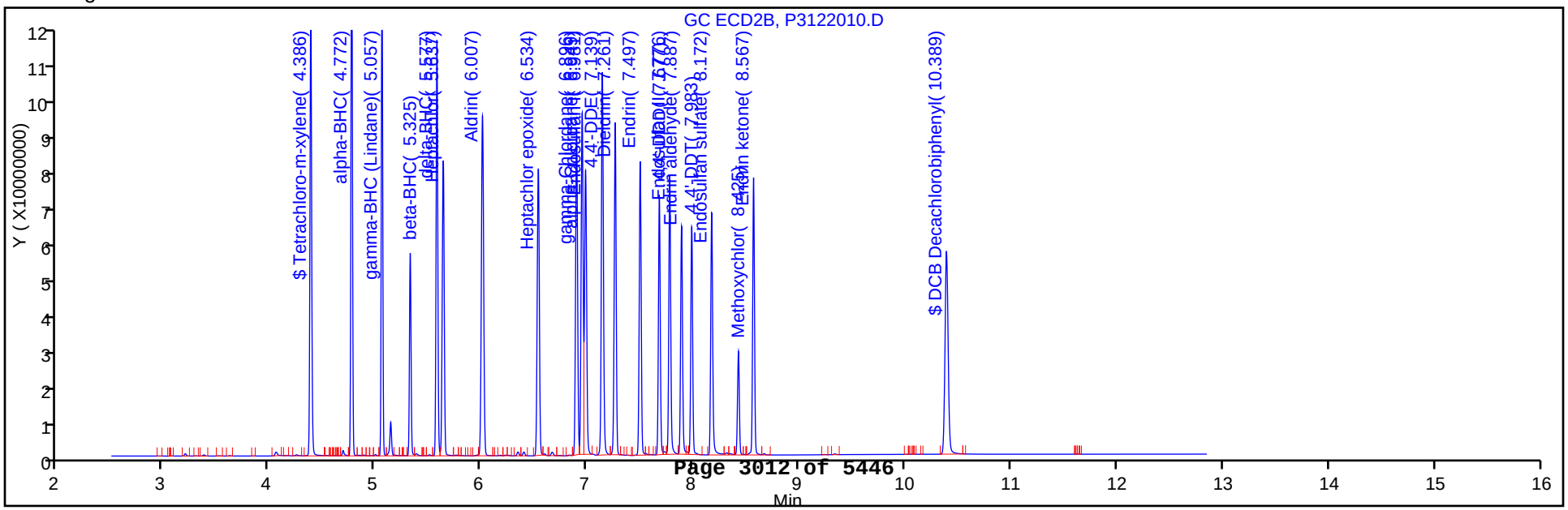
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122010.D

Injection Date:	20-Dec-2012 10:09:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	10
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 08:24 Calibration End Date: 12/20/2012 10:09 Calibration ID: 12930

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69512/5	P3122005.D
Level 2	STD 240-69512/6	P3122006.D
Level 3	STD 240-69512/7	P3122007.D
Level 4	STD 240-69512/8	P3122008.D
Level 5	STD 240-69512/9	P3122009.D
Level 6	STD 240-69512/10	P3122010.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
alpha-BHC	4.771	4.771	4.771	4.769	4.773	4.772					4.749 - 4.809	4.771
gamma-BHC (Lindane)	5.057	5.057	5.057	5.057	5.059	5.057					5.036 - 5.096	5.057
beta-BHC	5.324	5.325	5.324	5.323	5.327	5.325					5.305 - 5.365	5.325
delta-BHC	5.576	5.577	5.576	5.576	5.579	5.577					5.558 - 5.618	5.577
Heptachlor	5.636	5.636	5.636	5.634	5.638	5.637					5.617 - 5.677	5.636
Aldrin	6.007	6.006	6.006	6.005	6.010	6.007					5.991 - 6.051	6.007
Heptachlor epoxide	6.534	6.532	6.534	6.532	6.535	6.534					6.515 - 6.575	6.534
gamma-Chlordane	6.895	6.894	6.896	6.895	6.898	6.896					6.878 - 6.938	6.896
alpha-Chlordane	6.949	6.948	6.949	6.948	6.951	6.949					6.930 - 6.990	6.949
Endosulfan I	6.980	6.980	6.981	6.979	6.983	6.981					6.963 - 7.023	6.981
4,4'-DDE	7.139	7.138	7.139	7.138	7.141	7.139					7.122 - 7.182	7.139
Dieldrin	7.260	7.258	7.260	7.258	7.261	7.261					7.241 - 7.301	7.260
Endrin	7.496	7.496	7.497	7.495	7.499	7.497					7.479 - 7.539	7.497
4,4'-DDD	7.679	7.677	7.678	7.677	7.679	7.677					7.662 - 7.722	7.678
Endosulfan II	7.776	7.775	7.776	7.774	7.778	7.776					7.758 - 7.818	7.776
Endrin aldehyde	7.889	7.887	7.888	7.887	7.889	7.887					7.869 - 7.929	7.888
4,4'-DDT	7.984	7.982	7.984	7.982	7.985	7.983					7.966 - 8.026	7.983
Endosulfan sulfate	8.172	8.172	8.172	8.170	8.174	8.172					8.153 - 8.213	8.172
Methoxychlor	8.425	8.425	8.424	8.423	8.426	8.425					8.408 - 8.468	8.425
Endrin ketone	8.568	8.567	8.569	8.567	8.569	8.567					8.550 - 8.610	8.568
Tetrachloro-m-xylene	4.385	4.385	4.385	4.383	4.387	4.386					4.361 - 4.421	4.385
DCB Decachlorobiphenyl	10.389	10.388	10.390	10.387	10.394	10.389					10.381 - 10.441	10.390

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 08:24 Calibration End Date: 12/20/2012 10:09 Calibration ID: 12930

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69512/5	P3122005.D
Level 2	STD 240-69512/6	P3122006.D
Level 3	STD 240-69512/7	P3122007.D
Level 4	STD 240-69512/8	P3122008.D
Level 5	STD 240-69512/9	P3122009.D
Level 6	STD 240-69512/10	P3122010.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								
alpha-BHC	759656400 756047580	700000700 781563220	769450160	787558500	Ave		759046093				4.1		20.0			
gamma-BHC (Lindane)	645837200 597451870	589122000 642764730	638764880	636207400	Ave		625024680				4.0		20.0			
beta-BHC	324497600 271240210	283213500 295575620	296976040	293365180	Ave		294144692				6.0		20.0			
delta-BHC	619046200 607862310	561459400 644926595	624065760	635795880	Ave		615526024				4.8		20.0			
Heptachlor	571186000 477814520	511994800 541531810	545439120	536802600	Ave		530794808				6.1		20.0			
Aldrin	698477600 696432950	635953000 712084970	699416960	721252560	Ave		693936340				4.3		20.0			
Heptachlor epoxide	594836200 543376410	532199200 560264445	575769440	577943040	Ave		564064789				4.1		20.0			
gamma-Chlordane	608892400 584622970	546689800 602708300	601074160	608733380	Ave		592120168				4.0		20.0			
alpha-Chlordane	653435600 629989070	583926000 636761495	645158520	655436620	Ave		634117884				4.2		20.0			
Endosulfan I	560590200 533632640	505054400 548991980	554774440	555301600	Ave		543057543				3.8		20.0			
4,4'-DDE	767118400 715121940	682703400 723241270	803360480	745566880	Ave		739518728				5.7		20.0			
Dieldrin	596191200 564404400	540757200 588087125	594967400	599218060	Ave		580604231				4.0		20.0			
Endrin	543706800 493613780	488668900 521954840	535050080	533877040	Ave		519478573				4.4		20.0			
4,4'-DDD	437070000 414275650	400669800 433506400	443986080	440938360	Ave		428407715				4.0		20.0			
Endosulfan II	505565000 478616680	458777300 484736440	511708360	494849860	Ave		489042273				3.9		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 08:24 Calibration End Date: 12/20/2012 10:09 Calibration ID: 12930

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								
Endrin aldehyde	412162000 382079040	377669100 401629250	421871400	398308900	Ave		398953282				4.3		20.0			
4,4'-DDT	307814200 353277040	300340400 385062395	349174160	352852320	Ave		341420086				9.3		20.0			
Endosulfan sulfate	428359000 423316960	393636500 443593905	436166960	434365420	Ave		426573124				4.1		20.0			
Methoxychlor	177015200 162857680	160844100 175179665	182128760	173792640	Ave		171969674				4.9		20.0			
Endrin ketone	485901400 454829230	440519400 467168670	489445640	470457020	Ave		468053560				4.0		20.0			
Tetrachloro-m-xylene	743062400 725326640	662438800 713299730	728812480	751532540	Ave		720745432				4.4		20.0			
DCB Decachlorobiphenyl	620656600 559414210	534125100 589696460	603218400	585098520	Ave		582034882				5.3		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 08:24 Calibration End Date: 12/20/2012 10:09 Calibration ID: 12930

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69512/5	P3122005.D
Level 2	STD 240-69512/6	P3122006.D
Level 3	STD 240-69512/7	P3122007.D
Level 4	STD 240-69512/8	P3122008.D
Level 5	STD 240-69512/9	P3122009.D
Level 6	STD 240-69512/10	P3122010.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
alpha-BHC	Ave	3798282 156312644	7000007	19236254	39377925	75604758	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-BHC (Lindane)	Ave	3229186 128552946	5891220	15969122	31810370	59745187	0.00500 0.200	0.0100	0.0250	0.0500	0.100
beta-BHC	Ave	1622488 59115124	2832135	7424401	14668259	27124021	0.00500 0.200	0.0100	0.0250	0.0500	0.100
delta-BHC	Ave	3095231 128985319	5614594	15601644	31789794	60786231	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor	Ave	2855930 108306362	5119948	13635978	26840130	47781452	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Aldrin	Ave	3492388 142416994	6359530	17485424	36062628	69643295	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor epoxide	Ave	2974181 112052889	5321992	14394236	28897152	54337641	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-Chlordane	Ave	3044462 120541660	5466898	15026854	30436669	58462297	0.00500 0.200	0.0100	0.0250	0.0500	0.100
alpha-Chlordane	Ave	3267178 127352299	5839260	16128963	32771831	62998907	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan I	Ave	2802951 109798396	5050544	13869361	27765080	53363264	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDE	Ave	3835592 144648254	6827034	20084012	37278344	71512194	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Dieldrin	Ave	2980956 117617425	5407572	14874185	29960903	56440440	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin	Ave	2718534 104390968	4886689	13376252	26693852	49361378	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDD	Ave	2185350 86701280	4006698	11099652	22046918	41427565	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan II	Ave	2527825 96947288	4587773	12792709	24742493	47861668	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin aldehyde	Ave	2060810 80325850	3776691	10546785	19915445	38207904	0.00500 0.200	0.0100	0.0250	0.0500	0.100

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 08:24 Calibration End Date: 12/20/2012 10:09 Calibration ID: 12930

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
4,4'-DDT	Ave	1539071 77012479	3003404	8729354	17642616	35327704	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan sulfate	Ave	2141795 88718781	3936365	10904174	21718271	42331696	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Methoxychlor	Ave	885076 35035933	1608441	4553219	8689632	16285768	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin ketone	Ave	2429507 93433734	4405194	12236141	23522851	45482923	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Tetrachloro-m-xylene	Ave	3715312 142659946	6624388	18220312	37576627	72532664	0.00500 0.200	0.0100	0.0250	0.0500	0.100
DCB Decachlorobiphenyl	Ave	3103283 117939292	5341251	15080460	29254926	55941421	0.00500 0.200	0.0100	0.0250	0.0500	0.100

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122005.D
Lims ID: STD AB L1 Client ID:
Inject. Date: 20-Dec-2012 08:24:35 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0016042-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 69512 Lims Sample ID: 5
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:47 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.614	0.004	5949974	0.005481			
2	100	4.385	4.391	-0.006	3715312	0.005155			
						RPD = 6.13			
5 alpha-BHC									
1	100	4.264	4.262	0.002	7215625	0.005187			
2	100	4.771	4.779	-0.008	3798282	0.005004			
						RPD = 3.58			
20 gamma-BHC (Lindane)									
1	100	4.609	4.607	0.002	6324518	0.005303			
2	100	5.057	5.066	-0.009	3229186	0.005166			
						RPD = 2.60			
7 beta-BHC									
1	100	4.839	4.836	0.003	3060110	0.005536			
2	100	5.324	5.335	-0.011	1622488	0.005516			
						RPD = 0.36			
22 Heptachlor									
1	100	4.906	4.902	0.004	5972503	0.005326			
2	100	5.636	5.647	-0.011	2855930	0.005380			
						RPD = 1.01			
11 delta-BHC									
1	100	5.059	5.057	0.002	6156978	0.005108			
2	100	5.576	5.588	-0.012	3095231	0.005029			
						RPD = 1.57			
4 Aldrin									
1	100	5.156	5.152	0.004	6524619	0.005276			
2	100	6.007	6.021	-0.014	3492388	0.005033			
						RPD = 4.73			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.688	5.683	0.005	5922430	0.005527			
2	100	6.534	6.545	-0.011	2974181	0.005273			
						RPD = 4.71			
21 gamma-Chlordane									
1	100	5.949	5.943	0.006	6247540	0.005403			
2	100	6.895	6.908	-0.013	3044462	0.005142			
						RPD = 4.96			
6 alpha-Chlordane									
1	100	6.067	6.061	0.006	6244682	0.005426			
2	100	6.949	6.960	-0.011	3267178	0.005152			
						RPD = 5.17			
14 Endosulfan I									
1	100	6.117	6.110	0.007	5966240	0.005591			
2	100	6.980	6.993	-0.013	2802951	0.005161			
						RPD = 7.99			
2 4,4'-DDE									
1	100	6.342	6.336	0.006	6377220	0.005332			
2	100	7.139	7.152	-0.013	3835592	0.005187			
						RPD = 2.77			
13 Dieldrin									
1	100	6.449	6.443	0.006	6286409	0.005489			
2	100	7.260	7.271	-0.011	2980956	0.005134			
						RPD = 6.68			
17 Endrin									
1	100	6.794	6.790	0.004	5698536	0.005632			
2	100	7.496	7.509	-0.013	2718534	0.005233			
						RPD = 7.34			
1 4,4'-DDD									
1	100	6.984	6.981	0.003	4831578	0.005441			
2	100	7.679	7.692	-0.013	2185350	0.005101			
						RPD = 6.45			
15 Endosulfan II									
1	100	7.092	7.088	0.004	5404125	0.005531			
2	100	7.776	7.788	-0.012	2527825	0.005169			
						RPD = 6.76			
3 4,4'-DDT									
1	100	7.272	7.267	0.005	3811673	0.005043			
2	100	7.984	7.996	-0.012	1539071	0.004508			
						RPD = 11.21			
18 Endrin aldehyde									
1	100	7.340	7.336	0.004	4605722	0.005622			
2	100	7.889	7.899	-0.010	2060810	0.005166			
						RPD = 8.47			
16 Endosulfan sulfate									
1	100	7.549	7.546	0.003	4801067	0.005454			
2	100	8.172	8.183	-0.011	2141795	0.005021			
						RPD = 8.27			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.987	7.981	0.006	2168710	0.005552			
2	100	8.425	8.438	-0.013	885076	0.005147			
						RPD = 7.58			
19 Endrin ketone									
1	100	8.133	8.127	0.006	5602515	0.005457			
2	100	8.568	8.580	-0.012	2429507	0.005191			
						RPD = 5.00			
$ 10 DCB Decachlorobiphenyl									
1	100	9.279	9.271	0.008	5656625	0.005696			
2	100	10.389	10.411	-0.022	3103283	0.005332			
						RPD = 6.61			

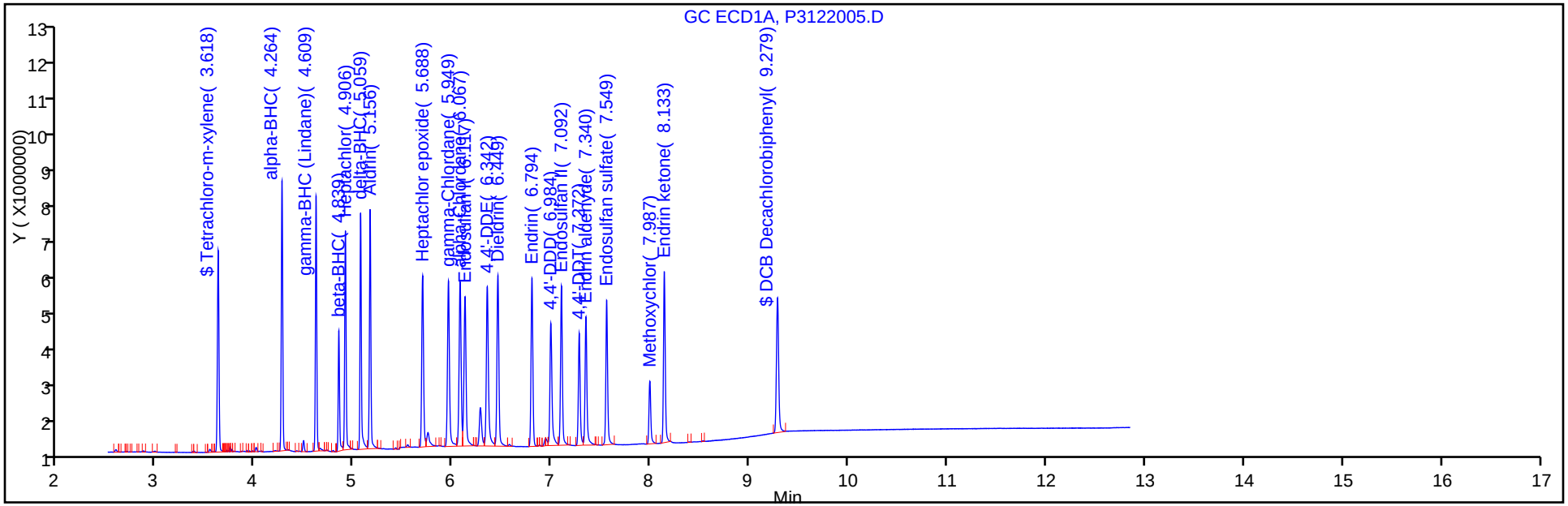
Report Date: 21-Dec-2012 07:16:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

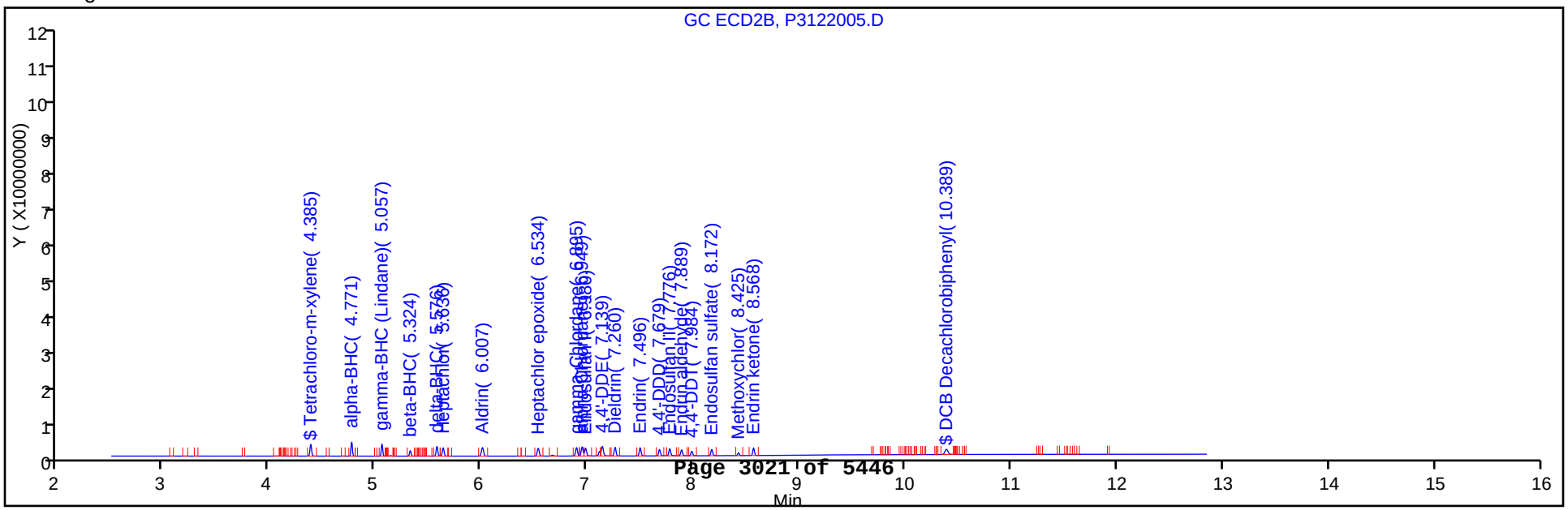
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122005.D

Injection Date:	20-Dec-2012 08:24:35	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122006.D
Lims ID: STD AB L2 Client ID:
Inject. Date: 20-Dec-2012 08:45:31 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0016042-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 69512 Lims Sample ID: 6
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:50 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.614	0.004	10714205	0.009870			
2	100	4.385	4.391	-0.006	6624388	0.009191			
						RPD = 7.12			
5 alpha-BHC									
1	100	4.266	4.262	0.004	13174941	0.009470			
2	100	4.771	4.779	-0.008	7000007	0.009222			
						RPD = 2.65			
20 gamma-BHC (Lindane)									
1	100	4.609	4.607	0.002	11588428	0.009716			
2	100	5.057	5.066	-0.009	5891220	0.009426			
						RPD = 3.04			
7 beta-BHC									
1	100	4.839	4.836	0.003	5644026	0.0102			
2	100	5.325	5.335	-0.010	2832135	0.009628			
						RPD = 5.87			
22 Heptachlor									
1	100	4.906	4.902	0.004	11692322	0.0104			
2	100	5.636	5.647	-0.011	5119948	0.009646			
						RPD = 7.78			
11 delta-BHC									
1	100	5.060	5.057	0.003	11266417	0.009348			
2	100	5.577	5.588	-0.011	5614594	0.009122			
						RPD = 2.45			
4 Aldrin									
1	100	5.157	5.152	0.005	11933842	0.009651			
2	100	6.006	6.021	-0.015	6359530	0.009164			
						RPD = 5.17			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.687	5.683	0.004	10205022	0.009523			
2	100	6.532	6.545	-0.013	5321992	0.009435			
						RPD = 0.93			
21 gamma-Chlordane									
1	100	5.948	5.943	0.005	10855280	0.009388			
2	100	6.894	6.908	-0.014	5466898	0.009233			
						RPD = 1.67			
6 alpha-Chlordane									
1	100	6.066	6.061	0.005	10784757	0.009370			
2	100	6.948	6.960	-0.012	5839260	0.009208			
						RPD = 1.74			
14 Endosulfan I									
1	100	6.116	6.110	0.006	10463903	0.009806			
2	100	6.980	6.993	-0.013	5050544	0.009300			
						RPD = 5.29			
2 4,4'-DDE									
1	100	6.342	6.336	0.006	11146880	0.009321			
2	100	7.138	7.152	-0.014	6827034	0.009232			
						RPD = 0.96			
13 Dieldrin									
1	100	6.449	6.443	0.006	10987983	0.009595			
2	100	7.258	7.271	-0.013	5407572	0.009314			
						RPD = 2.97			
17 Endrin									
1	100	6.794	6.790	0.004	9761575	0.009648			
2	100	7.496	7.509	-0.013	4886689	0.009407			
						RPD = 2.53			
1 4,4'-DDD									
1	100	6.985	6.981	0.004	8340008	0.009392			
2	100	7.677	7.692	-0.015	4006698	0.009353			
						RPD = 0.43			
15 Endosulfan II									
1	100	7.092	7.088	0.004	9418731	0.009639			
2	100	7.775	7.788	-0.013	4587773	0.009381			
						RPD = 2.71			
3 4,4'-DDT									
1	100	7.272	7.267	0.005	6856743	0.009072			
2	100	7.982	7.996	-0.014	3003404	0.008797			
						RPD = 3.08			
18 Endrin aldehyde									
1	100	7.339	7.336	0.003	7945319	0.009699			
2	100	7.887	7.899	-0.012	3776691	0.009466			
						RPD = 2.42			
16 Endosulfan sulfate									
1	100	7.550	7.546	0.004	8305368	0.009435			
2	100	8.172	8.183	-0.011	3936365	0.009228			
						RPD = 2.22			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.987	7.981	0.006	3762504	0.009633			
2	100	8.425	8.438	-0.013	1608441	0.009353			
						RPD = 2.95			
19 Endrin ketone									
1	100	8.134	8.127	0.007	9703441	0.009451			
2	100	8.567	8.580	-0.013	4405194	0.009412			
						RPD = 0.42			
$ 10 DCB Decachlorobiphenyl									
1	100	9.280	9.271	0.009	9462675	0.009529			
2	100	10.388	10.411	-0.023	5341251	0.009177			
						RPD = 3.76			

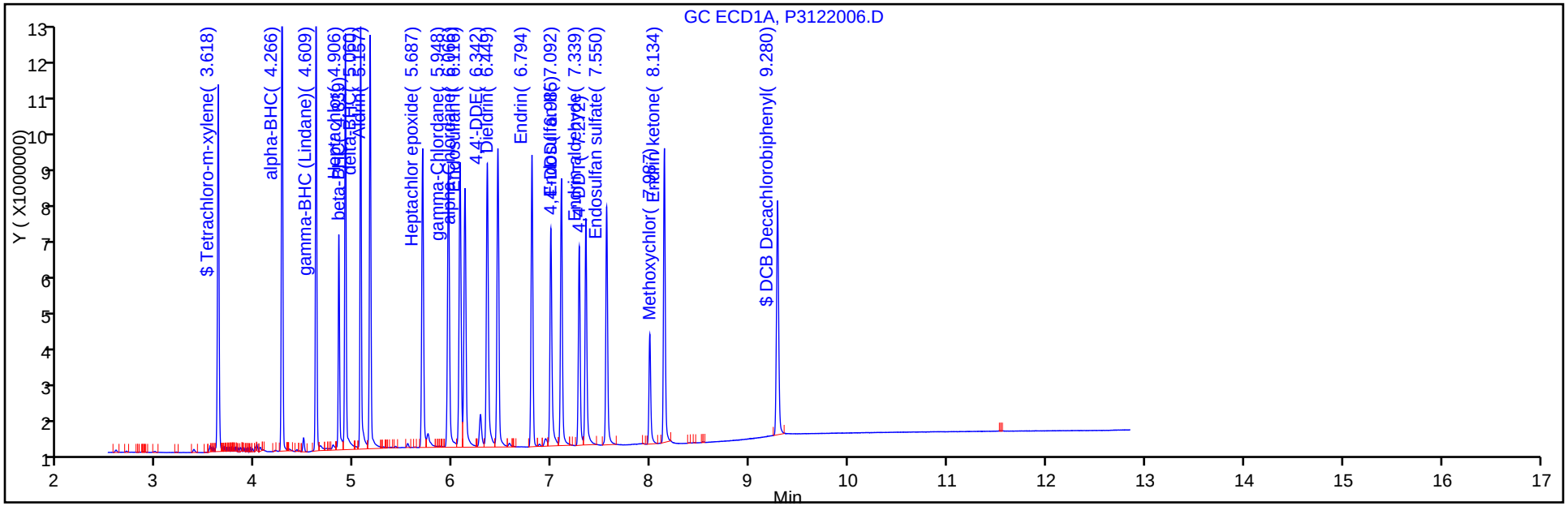
Report Date: 21-Dec-2012 07:16:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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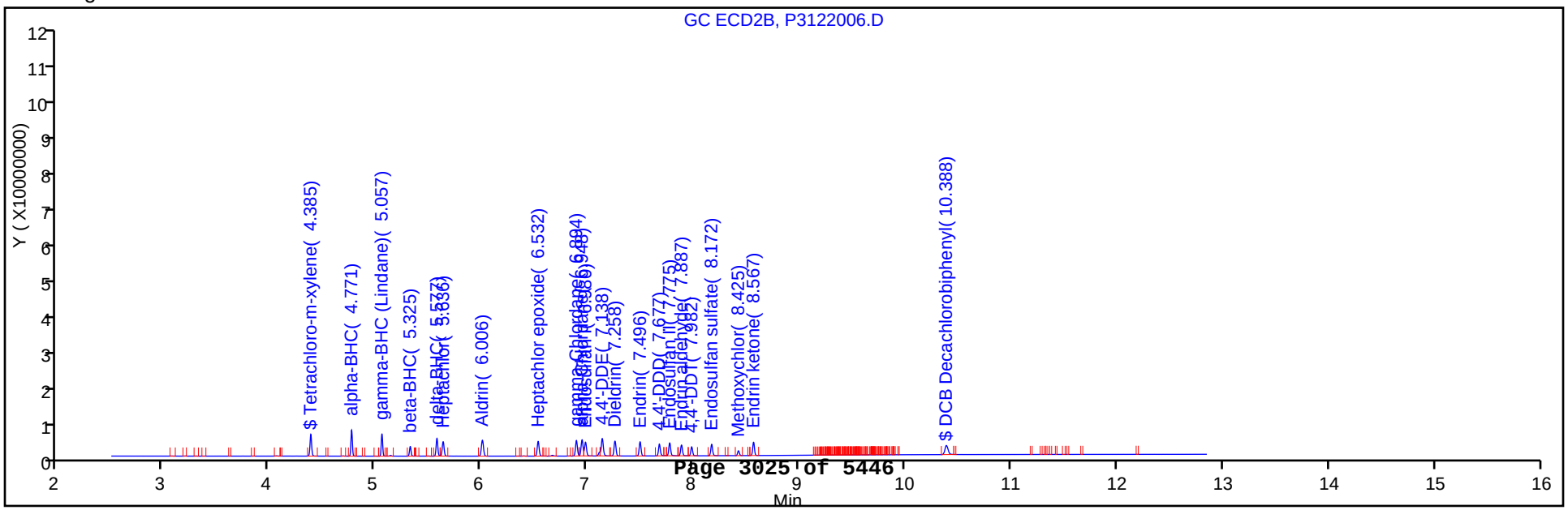
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122006.D

Injection Date:	20-Dec-2012 08:45:31	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122007.D
Lims ID: STD AB L3 Client ID:
Inject. Date: 20-Dec-2012 09:05:57 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0016042-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 69512 Lims Sample ID: 7
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:52 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.618	0.000	27407953	0.0252			
2	100	4.385	4.385	0.000	18220312	0.0253			
						RPD = 0.13			
5 alpha-BHC									
1	100	4.265	4.265	0.000	34052264	0.0245			
2	100	4.771	4.771	0.000	19236254	0.0253			
						RPD = 3.48			
20 gamma-BHC (Lindane)									
1	100	4.608	4.608	0.000	29078774	0.0244			
2	100	5.057	5.057	0.000	15969122	0.0255			
						RPD = 4.68			
7 beta-BHC									
1	100	4.839	4.839	0.000	14467447	0.0262			
2	100	5.324	5.324	0.000	7424401	0.0252			
						RPD = 3.63			
22 Heptachlor									
1	100	4.906	4.906	0.000	30679496	0.0274			
2	100	5.636	5.636	0.000	13635978	0.0257			
						RPD = 6.30			
11 delta-BHC									
1	100	5.059	5.059	0.000	31793440	0.0264			
2	100	5.576	5.576	0.000	15601644	0.0253			
						RPD = 3.99			
4 Aldrin									
1	100	5.156	5.156	0.000	32879556	0.0266			
2	100	6.006	6.006	0.000	17485424	0.0252			
						RPD = 5.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.686	5.686	0.000	28808309	0.0269			
2	100	6.534	6.534	0.000	14394236	0.0255			
						RPD = 5.21			
21 gamma-Chlordane									
1	100	5.948	5.948	0.000	31048095	0.0269			
2	100	6.896	6.896	0.000	15026854	0.0254			
						RPD = 5.64			
6 alpha-Chlordane									
1	100	6.066	6.066	0.000	30741379	0.0267			
2	100	6.949	6.949	0.000	16128963	0.0254			
						RPD = 4.88			
14 Endosulfan I									
1	100	6.114	6.114	0.000	29202395	0.0274			
2	100	6.981	6.981	0.000	13869361	0.0255			
						RPD = 6.90			
2 4,4'-DDE									
1	100	6.341	6.341	0.000	32334734	0.0270			
2	100	7.139	7.139	0.000	20084012	0.0272			
						RPD = 0.45			
13 Dieldrin									
1	100	6.448	6.448	0.000	31404515	0.0274			
2	100	7.260	7.260	0.000	14874185	0.0256			
						RPD = 6.80			
17 Endrin									
1	100	6.793	6.793	0.000	27461410	0.0271			
2	100	7.497	7.497	0.000	13376252	0.0257			
						RPD = 5.26			
1 4,4'-DDD									
1	100	6.984	6.984	0.000	23953908	0.0270			
2	100	7.678	7.678	0.000	11099652	0.0259			
						RPD = 4.04			
15 Endosulfan II									
1	100	7.091	7.091	0.000	26767521	0.0274			
2	100	7.776	7.776	0.000	12792709	0.0262			
						RPD = 4.62			
3 4,4'-DDT									
1	100	7.272	7.272	0.000	20179894	0.0267			
2	100	7.984	7.984	0.000	8729354	0.0256			
						RPD = 4.33			
18 Endrin aldehyde									
1	100	7.339	7.339	0.000	22179587	0.0271			
2	100	7.888	7.888	0.000	10546785	0.0264			
						RPD = 2.39			
16 Endosulfan sulfate									
1	100	7.550	7.550	0.000	24097495	0.0274			
2	100	8.172	8.172	0.000	10904174	0.0256			
						RPD = 6.85			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.986	7.986	0.000	10782176	0.0276			
2	100	8.424	8.424	0.000	4553219	0.0265			
						RPD = 4.17			
19 Endrin ketone									
1	100	8.134	8.134	0.000	28513581	0.0278			
2	100	8.569	8.569	0.000	12236141	0.0261			
						RPD = 6.04			
$ 10 DCB Decachlorobiphenyl									
1	100	9.278	9.278	0.000	27138241	0.0273			
2	100	10.390	10.390	0.000	15080460	0.0259			
						RPD = 5.33			

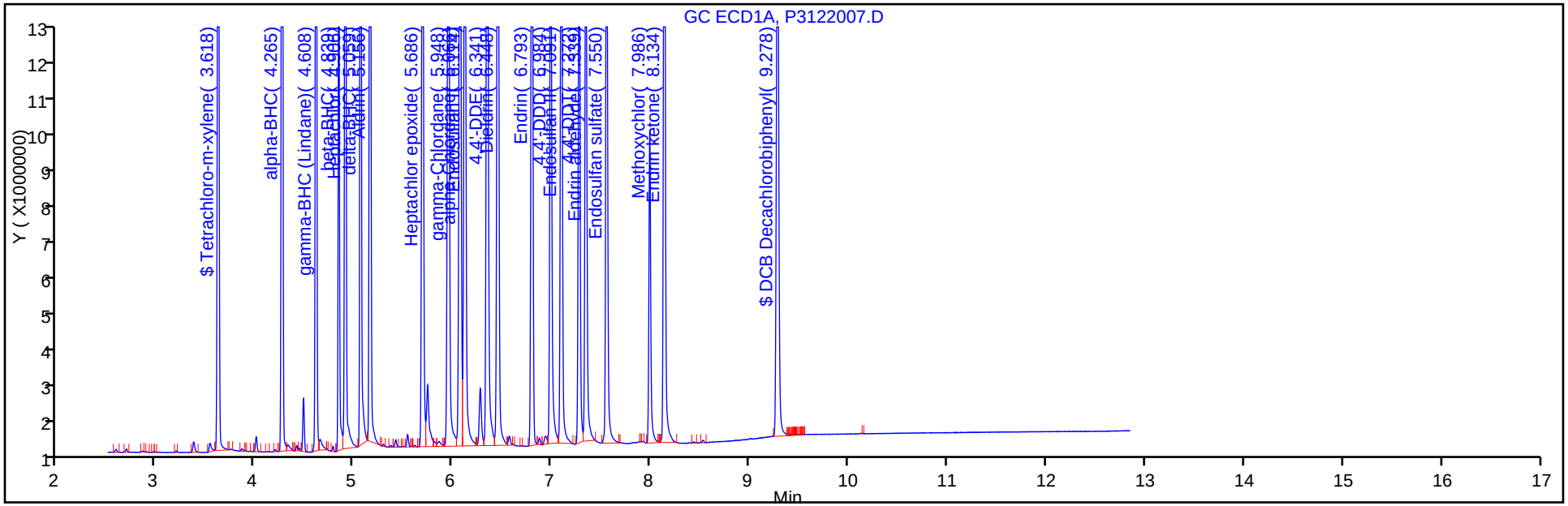
Report Date: 21-Dec-2012 07:16:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

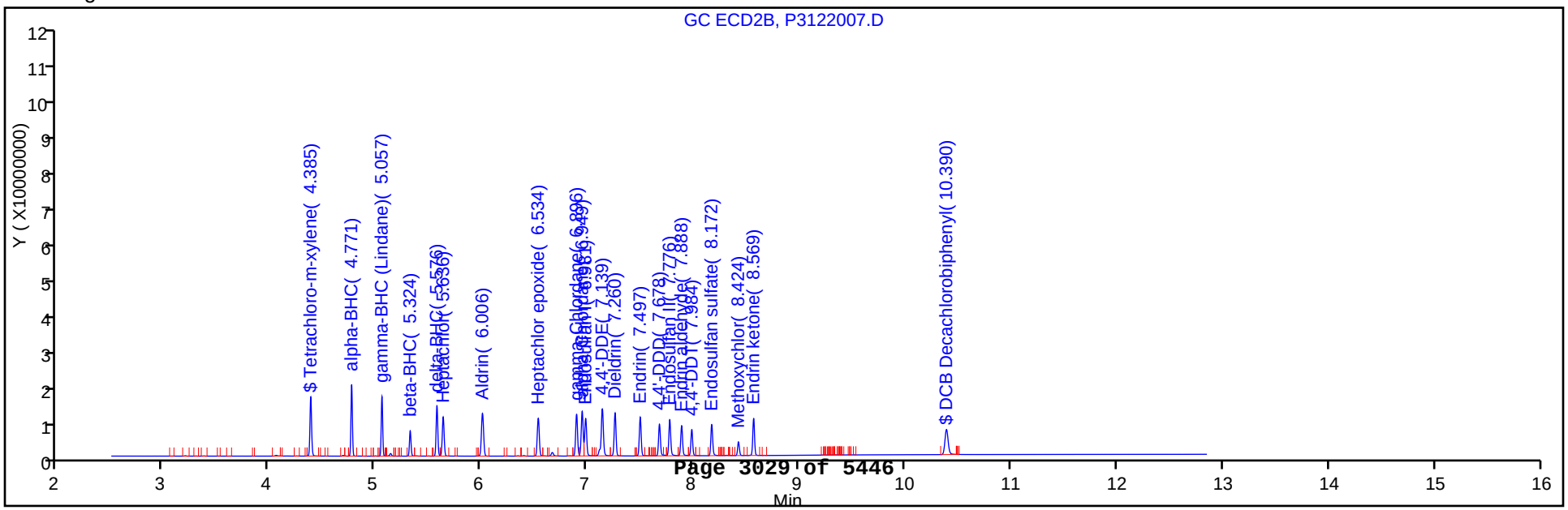
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122007.D

Injection Date:	20-Dec-2012 09:05:57	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122008.D
Lims ID: STD AB L4 Client ID:
Inject. Date: 20-Dec-2012 09:27:17 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0016042-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 69512 Lims Sample ID: 8
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:55 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.618	0.000	54821370	0.0505			
2	100	4.383	4.385	-0.002	37576627	0.0521			
						RPD = 3.19			
5 alpha-BHC									
1	100	4.265	4.265	0.000	71831995	0.0516			
2	100	4.769	4.771	-0.002	39377925	0.0519			
						RPD = 0.48			
20 gamma-BHC (Lindane)									
1	100	4.609	4.608	0.001	61713220	0.0517			
2	100	5.057	5.057	0.000	31810370	0.0509			
						RPD = 1.65			
7 beta-BHC									
1	100	4.839	4.839	0.000	27061354	0.0490			
2	100	5.323	5.324	-0.001	14668259	0.0499			
						RPD = 1.84			
22 Heptachlor									
1	100	4.905	4.906	-0.001	56179364	0.0501			
2	100	5.634	5.636	-0.002	26840130	0.0506			
						RPD = 0.92			
11 delta-BHC									
1	100	5.059	5.059	0.000	61533875	0.0511			
2	100	5.576	5.576	0.000	31789794	0.0516			
						RPD = 1.15			
4 Aldrin									
1	100	5.156	5.156	0.000	62494022	0.0505			
2	100	6.005	6.006	-0.001	36062628	0.0520			
						RPD = 2.79			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.687	5.686	0.001	54561732	0.0509			
2	100	6.532	6.534	-0.002	28897152	0.0512			
						RPD = 0.61			
21 gamma-Chlordane									
1	100	5.947	5.948	-0.001	57502829	0.0497			
2	100	6.895	6.896	-0.001	30436669	0.0514			
						RPD = 3.31			
6 alpha-Chlordane									
1	100	6.066	6.066	0.000	57389796	0.0499			
2	100	6.948	6.949	-0.001	32771831	0.0517			
						RPD = 3.58			
14 Endosulfan I									
1	100	6.115	6.114	0.001	52756780	0.0494			
2	100	6.979	6.981	-0.002	27765080	0.0511			
						RPD = 3.36			
2 4,4'-DDE									
1	100	6.341	6.341	0.000	59991082	0.0502			
2	100	7.138	7.139	-0.001	37278344	0.0504			
						RPD = 0.49			
13 Dieldrin									
1	100	6.448	6.448	0.000	56979549	0.0498			
2	100	7.258	7.260	-0.002	29960903	0.0516			
						RPD = 3.65			
17 Endrin									
1	100	6.793	6.793	0.000	50801139	0.0502			
2	100	7.495	7.497	-0.002	26693852	0.0514			
						RPD = 2.32			
1 4,4'-DDD									
1	100	6.983	6.984	-0.001	44239057	0.0498			
2	100	7.677	7.678	-0.001	22046918	0.0515			
						RPD = 3.24			
15 Endosulfan II									
1	100	7.092	7.091	0.001	48137426	0.0493			
2	100	7.774	7.776	-0.002	24742493	0.0506			
						RPD = 2.66			
3 4,4'-DDT									
1	100	7.271	7.272	-0.001	38551416	0.0510			
2	100	7.982	7.984	-0.002	17642616	0.0517			
						RPD = 1.30			
18 Endrin aldehyde									
1	100	7.338	7.339	-0.001	40707016	0.0497			
2	100	7.887	7.888	-0.001	19915445	0.0499			
						RPD = 0.46			
16 Endosulfan sulfate									
1	100	7.550	7.550	0.000	43958017	0.0499			
2	100	8.170	8.172	-0.002	21718271	0.0509			
						RPD = 1.93			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.985	7.986	-0.001	19349146	0.0495			
2	100	8.423	8.424	-0.001	8689632	0.0505			
						RPD = 1.98			
19 Endrin ketone									
1	100	8.133	8.134	-0.001	51266973	0.0499			
2	100	8.567	8.569	-0.002	23522851	0.0503			
						RPD = 0.65			
$ 10 DCB Decachlorobiphenyl									
1	100	9.278	9.278	0.000	48228071	0.0486			
2	100	10.387	10.390	-0.003	29254926	0.0503			
						RPD = 3.44			

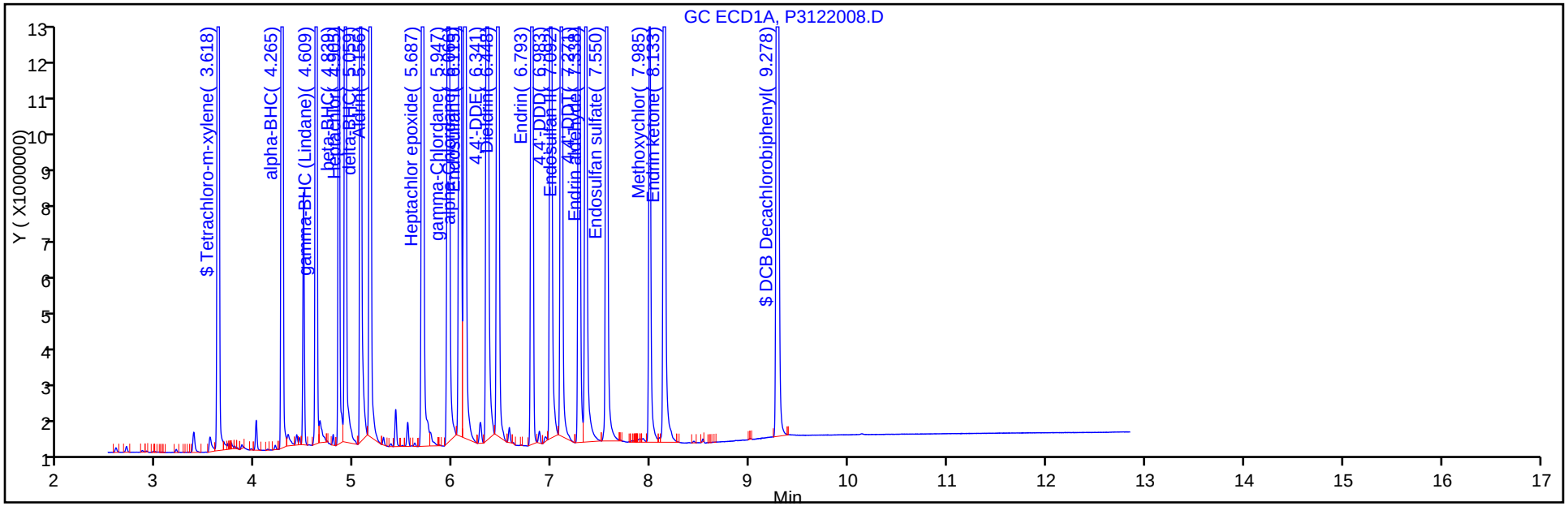
Report Date: 21-Dec-2012 07:16:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

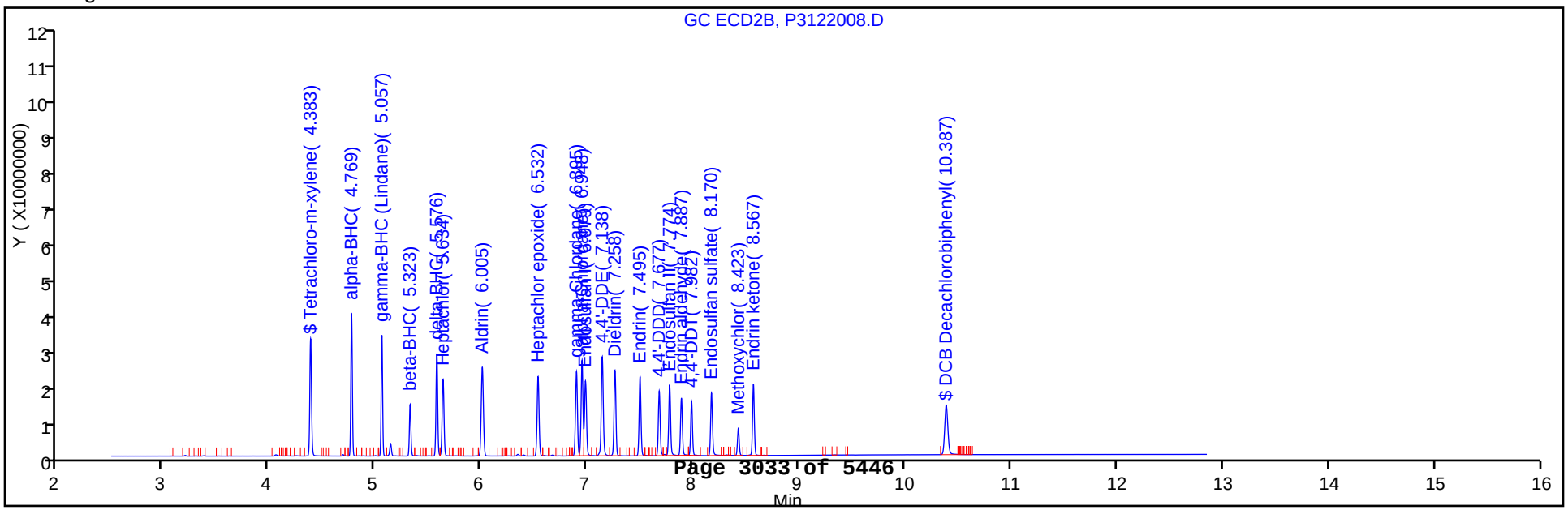
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Injection Date:	20-Dec-2012 09:27:17	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	8
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122009.D
Lims ID: STD AB L5 Client ID:
Inject. Date: 20-Dec-2012 09:47:36 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0016042-009
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 69512 Lims Sample ID: 9
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:57 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.619	3.618	0.001	104750971	0.0965			
2	100	4.387	4.385	0.002	72532664	0.1006			
						RPD = 4.20			
5 alpha-BHC									
1	100	4.267	4.265	0.002	139688439	0.1004			
2	100	4.773	4.771	0.002	75604758	0.0996			
						RPD = 0.80			
20 gamma-BHC (Lindane)									
1	100	4.611	4.608	0.003	112618478	0.0944			
2	100	5.059	5.057	0.002	59745187	0.0956			
						RPD = 1.22			
7 beta-BHC									
1	100	4.841	4.839	0.002	49724307	0.0900			
2	100	5.327	5.324	0.003	27124021	0.0922			
						RPD = 2.48			
22 Heptachlor									
1	100	4.908	4.906	0.002	97844365	0.0873			
2	100	5.638	5.636	0.002	47781452	0.0900			
						RPD = 3.12			
11 delta-BHC									
1	100	5.061	5.059	0.002	116800180	0.0969			
2	100	5.579	5.576	0.003	60786231	0.0988			
						RPD = 1.89			
4 Aldrin									
1	100	5.158	5.156	0.002	119179226	0.0964			
2	100	6.010	6.006	0.004	69643295	0.1004			
						RPD = 4.05			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.689	5.686	0.003	99871370	0.0932			
2	100	6.535	6.534	0.001	54337641	0.0963			
						RPD = 3.30			
21 gamma-Chlordane									
1	100	5.951	5.948	0.003	109923595	0.0951			
2	100	6.898	6.896	0.002	58462297	0.0987			
						RPD = 3.78			
6 alpha-Chlordane									
1	100	6.069	6.066	0.003	110138463	0.0957			
2	100	6.951	6.949	0.002	62998907	0.0993			
						RPD = 3.75			
14 Endosulfan I									
1	100	6.118	6.114	0.004	98605333	0.0924			
2	100	6.983	6.981	0.002	53363264	0.0983			
						RPD = 6.15			
2 4,4'-DDE									
1	100	6.343	6.341	0.002	114789648	0.0960			
2	100	7.141	7.139	0.002	71512194	0.0967			
						RPD = 0.74			
13 Dieldrin									
1	100	6.451	6.448	0.003	107444126	0.0938			
2	100	7.261	7.260	0.001	56440440	0.0972			
						RPD = 3.55			
17 Endrin									
1	100	6.796	6.793	0.003	92342831	0.0913			
2	100	7.499	7.497	0.002	49361378	0.0950			
						RPD = 4.03			
1 4,4'-DDD									
1	100	6.986	6.984	0.002	83605162	0.0942			
2	100	7.679	7.678	0.001	41427565	0.0967			
						RPD = 2.67			
15 Endosulfan II									
1	100	7.094	7.091	0.003	93042982	0.0952			
2	100	7.778	7.776	0.002	47861668	0.0979			
						RPD = 2.74			
3 4,4'-DDT									
1	100	7.273	7.272	0.001	73465031	0.0972			
2	100	7.985	7.984	0.001	35327704	0.1035			
						RPD = 6.26			
18 Endrin aldehyde									
1	100	7.342	7.339	0.003	75609483	0.0923			
2	100	7.889	7.888	0.001	38207904	0.0958			
						RPD = 3.69			
16 Endosulfan sulfate									
1	100	7.552	7.550	0.002	83944949	0.0954			
2	100	8.174	8.172	0.002	42331696	0.0992			
						RPD = 3.98			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.988	7.986	0.002	35304339	0.0904			
2	100	8.426	8.424	0.002	16285768	0.0947			
						RPD = 4.66			
19 Endrin ketone									
1	100	8.134	8.134	0.000	97954481	0.0954			
2	100	8.569	8.569	0.000	45482923	0.0972			
						RPD = 1.84			
$ 10 DCB Decachlorobiphenyl									
1	100	9.282	9.278	0.004	91353266	0.0920			
2	100	10.394	10.390	0.004	55941421	0.0961			
						RPD = 4.38			

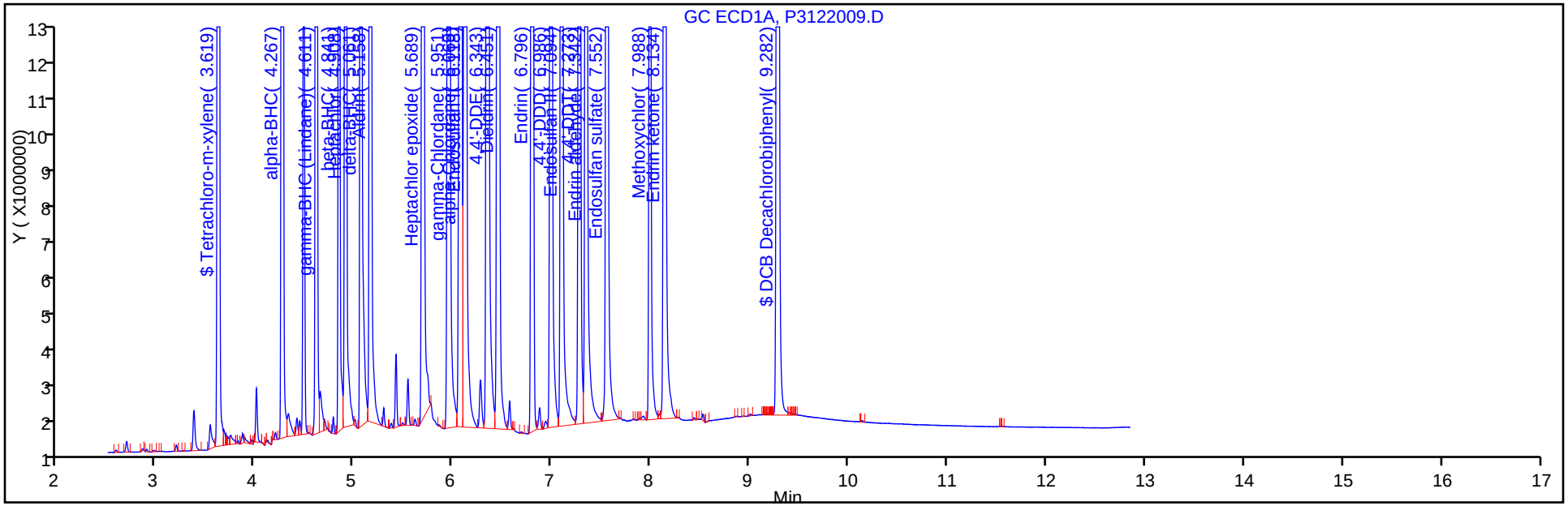
Report Date: 21-Dec-2012 07:16:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

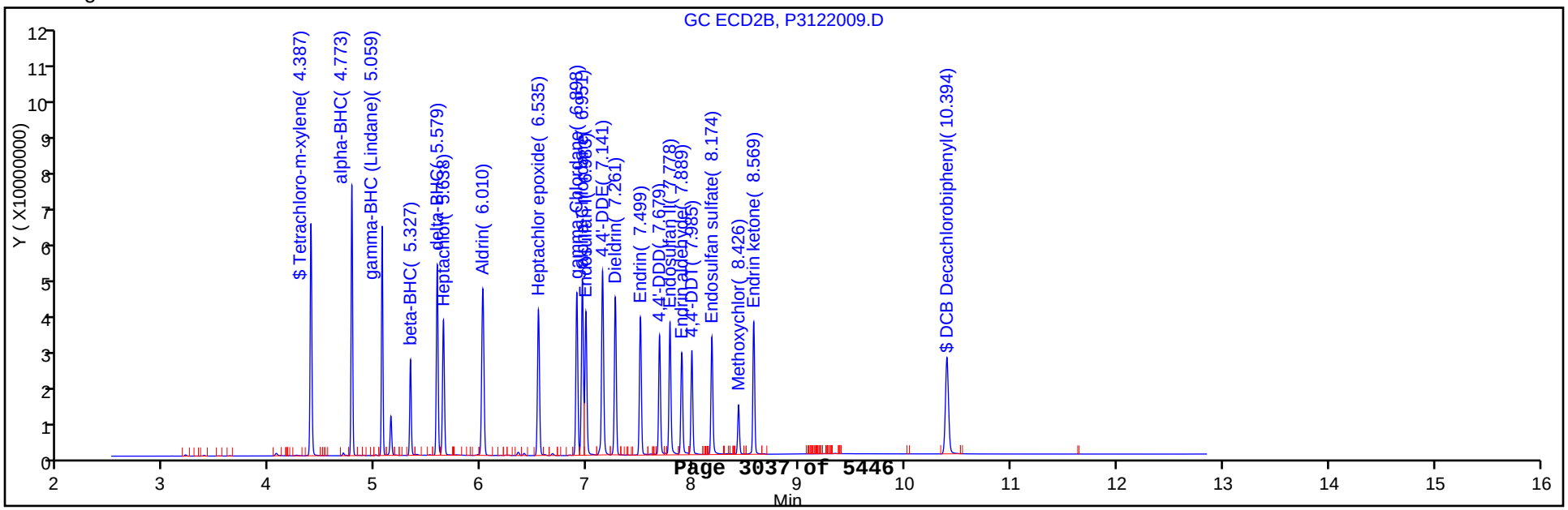
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122009.D

Injection Date:	20-Dec-2012 09:47:36	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	9
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122010.D
Lims ID: STD AB L6 Client ID:
Inject. Date: 20-Dec-2012 10:09:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0016042-010
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 69512 Lims Sample ID: 10
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:58 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:35:24

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.620	3.618	0.002	202363942	0.1864			
2	100	4.386	4.385	0.001	142659946	0.1979			
						RPD = 6.00			
5 alpha-BHC									
1	100	4.266	4.265	0.001	278230695	0.2000			
2	100	4.772	4.771	0.001	156312644	0.2059			
						RPD = 2.93			
20 gamma-BHC (Lindane)									
1	100	4.610	4.608	0.002	241732628	0.2027			
2	100	5.057	5.057	0.000	128552946	0.2057			
						RPD = 1.47			
7 beta-BHC									
1	100	4.840	4.839	0.001	104596098	0.1892			
2	100	5.325	5.324	0.001	59115124	0.2010			
						RPD = 6.02			
22 Heptachlor									
1	100	4.906	4.906	0.000	207015526	0.1846			
2	100	5.637	5.636	0.001	108306362	0.2040			
						RPD = 10.00			
11 delta-BHC									
1	100	5.061	5.059	0.002	240644819	0.1997			
2	100	5.577	5.576	0.001	128985319	0.2096			
						RPD = 4.84			
4 Aldrin									
1	100	5.157	5.156	0.001	232878331	0.1883			
2	100	6.007	6.006	0.001	142416994	0.2052			
						RPD = 8.59			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.688	5.686	0.002	196430909	0.1833			
2	100	6.534	6.534	0.000	112052889	0.1987			
						RPD = 8.03			
21 gamma-Chlordane									
1	100	5.948	5.948	0.000	222269318	0.1922			
2	100	6.896	6.896	0.000	120541660	0.2036			
						RPD = 5.73			
6 alpha-Chlordane									
1	100	6.068	6.066	0.002	219934265	0.1911			
2	100	6.949	6.949	0.000	127352299	0.2008			
						RPD = 4.98			
14 Endosulfan I									
1	100	6.117	6.114	0.003	190755938	0.1788			
2	100	6.981	6.981	0.000	109798396	0.2022			
						RPD = 12.30			
2 4,4'-DDE									
1	100	6.342	6.341	0.001	228857404	0.1914			
2	100	7.139	7.139	0.000	144648254	0.1956			
						RPD = 2.19			
13 Dieldrin									
1	100	6.450	6.448	0.002	208991845	0.1825			
2	100	7.261	7.260	0.001	117617425	0.2026			
						RPD = 10.43			
17 Endrin									
1	100	6.795	6.793	0.002	183382846	0.1812			
2	100	7.497	7.497	0.000	104390968	0.2010			
						RPD = 10.31			
1 4,4'-DDD									
1	100	6.984	6.984	0.000	169681914	0.1911			
2	100	7.677	7.678	-0.001	86701280	0.2024			
						RPD = 5.74			
15 Endosulfan II									
1	100	7.092	7.091	0.001	175222240	0.1793			
2	100	7.776	7.776	0.000	96947288	0.1982			
						RPD = 10.02			
3 4,4'-DDT									
1	100	7.272	7.272	0.000	154833177	0.2048			
2	100	7.983	7.984	-0.001	77012479	0.2256			
						RPD = 9.63			
18 Endrin aldehyde									
1	100	7.340	7.339	0.001	148421810	0.1812			
2	100	7.887	7.888	-0.001	80325850	0.2013			
						RPD = 10.54			
16 Endosulfan sulfate									
1	100	7.551	7.550	0.001	161651750	0.1836			
2	100	8.172	8.172	0.000	88718781	0.2080			
						RPD = 12.43			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.987	7.986	0.001	72448455	0.1855			
2	100	8.425	8.424	0.001	35035933	0.2037			
						RPD = 9.38			
19 Endrin ketone									
1	100	8.133	8.134	-0.001	184813499	0.1800			
2	100	8.567	8.569	-0.002	93433734	0.1996			
						RPD = 10.34			
$ 10 DCB Decachlorobiphenyl									
1	100	9.279	9.278	0.001	183412838	0.1847			
2	100	10.389	10.390	-0.001	117939292	0.2026			
						RPD = 9.26			

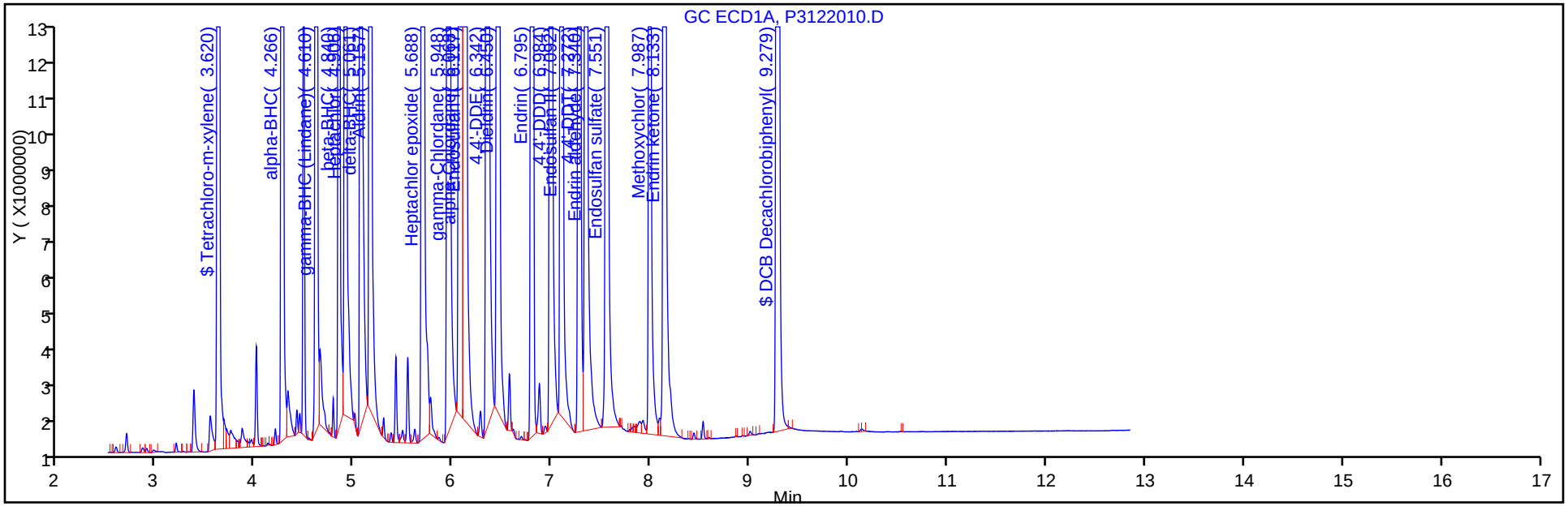
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TestAmerica Canton

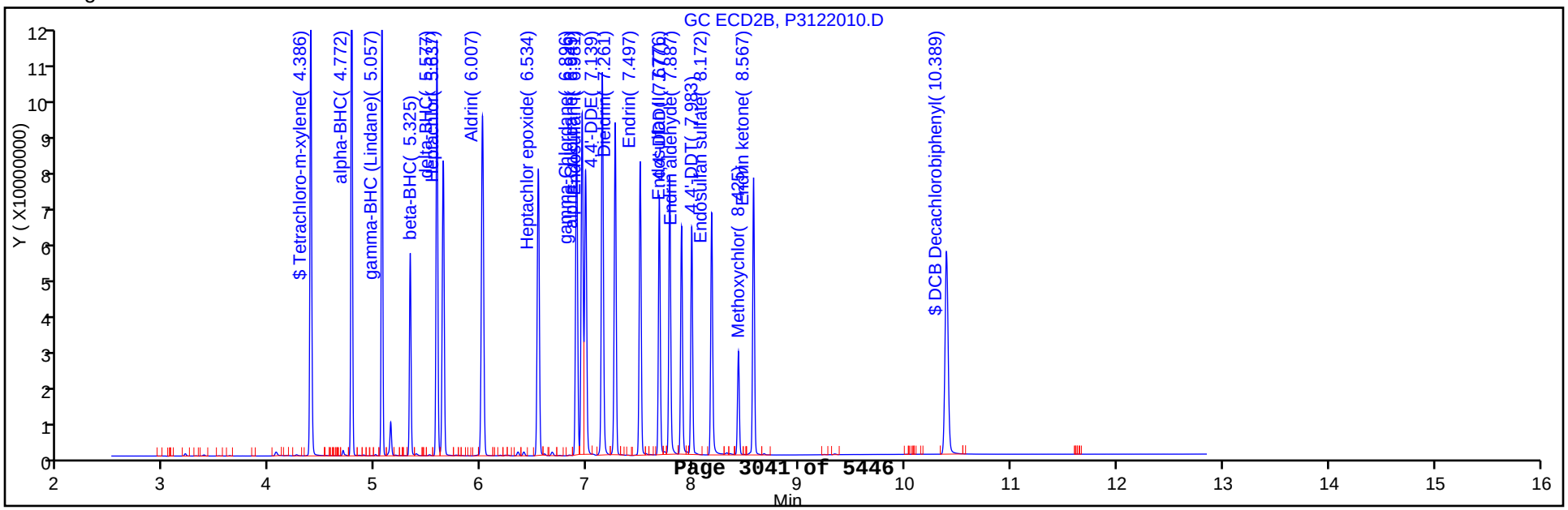
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122010.D

Injection Date:	20-Dec-2012 10:09:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	10
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 10:50 Calibration End Date: 12/20/2012 12:14 Calibration ID: 12935

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69512/12	P3122012.D
Level 2	STD 240-69512/13	P3122013.D
Level 3	STD 240-69512/14	P3122014.D
Level 4	STD 240-69512/15	P3122015.D
Level 5	STD 240-69512/16	P3122016.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Toxaphene Peak 1	7.353	7.354	7.355	7.354	7.352						7.166 - 7.226	7.354
Toxaphene Peak 2	7.424	7.426	7.424	7.424	7.424						7.388 - 7.448	7.424
Toxaphene Peak 3	7.820	7.823	7.821	7.820	7.818						7.783 - 7.843	7.820
Toxaphene Peak 4	7.943	7.945	7.942	7.945	7.939						7.906 - 7.966	7.943
Toxaphene Peak 5	8.276	8.280	8.278	8.278	8.274						8.240 - 8.300	8.277

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 10:50 Calibration End Date: 12/20/2012 12:14 Calibration ID: 12935

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69512/12	P3122012.D
Level 2	STD 240-69512/13	P3122013.D
Level 3	STD 240-69512/14	P3122014.D
Level 4	STD 240-69512/15	P3122015.D
Level 5	STD 240-69512/16	P3122016.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								
Toxaphene Peak 1	16284450 18688555	15138218	15515749	17502314	Ave		16625857.2				8.8		20.0			
Toxaphene Peak 2	37852525 46736846	33269628	36166510	41657809	Ave		39136663.5				13.0		20.0			
Toxaphene Peak 3	17399530 21868052	15639498	16451894	19388866	Ave		18149568.0				14.0		20.0			
Toxaphene Peak 4	22365290 24767822	19768026	20689057	22202449	Ave		21958528.8				8.7		20.0			
Toxaphene Peak 5	24787500 31764959	21563366	23936622	27764330	Ave		25963355.5				15.0		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 10:50 Calibration End Date: 12/20/2012 12:14 Calibration ID: 12935

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69512/12	P3122012.D
Level 2	STD 240-69512/13	P3122013.D
Level 3	STD 240-69512/14	P3122014.D
Level 4	STD 240-69512/15	P3122015.D
Level 5	STD 240-69512/16	P3122016.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
Toxaphene Peak 1	Ave	3256890	7569109	15515749	35004628	93442775	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 2	Ave	7570505	16634814	36166510	83315617	233684230	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 3	Ave	3479906	7819749	16451894	38777732	109340261	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 4	Ave	4473058	9884013	20689057	44404898	123839109	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 5	Ave	4957500	10781683	23936622	55528660	158824797	0.200	0.500	1.00	2.00	5.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122012.D
Lims ID: STD TOX1 Client ID:
Inject. Date: 20-Dec-2012 10:50:06 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0016042-012
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 69512 Lims Sample ID: 12
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:17:02 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:40:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1	7.353	7.196	0.157	3256890	0.1959		100.0	
1	2	7.424	7.418	0.006	7570505	0.1934	213.1- 253.1	232.4	
1	3	7.820	7.813	0.007	3479906	0.1917	86.0- 126.0	106.8	
1	4	7.943	7.936	0.007	4473058	0.2037	113.3- 153.3	137.3	
1	5	8.276	8.270	0.006	4957500	0.1909	134.3- 174.3	152.2	
			Average of Peak Amounts =			0.1951			
2	100	7.497	7.507	-0.010	2313449	0.1975		100.0	M
2	2	7.819	7.830	-0.011	2139845	0.1887	72.7- 112.7	92.5	M
2	3	8.092	8.104	-0.012	3795475	0.1939	147.8- 187.8	164.1	M
2	4	8.487	8.502	-0.015	2196028	0.1870	78.7- 118.7	94.9	M
2	5	8.970	8.983	-0.013	1490312	0.1927	47.3- 87.3	64.4	M
			Average of Peak Amounts =			0.1920			
						RPD = 1.65			

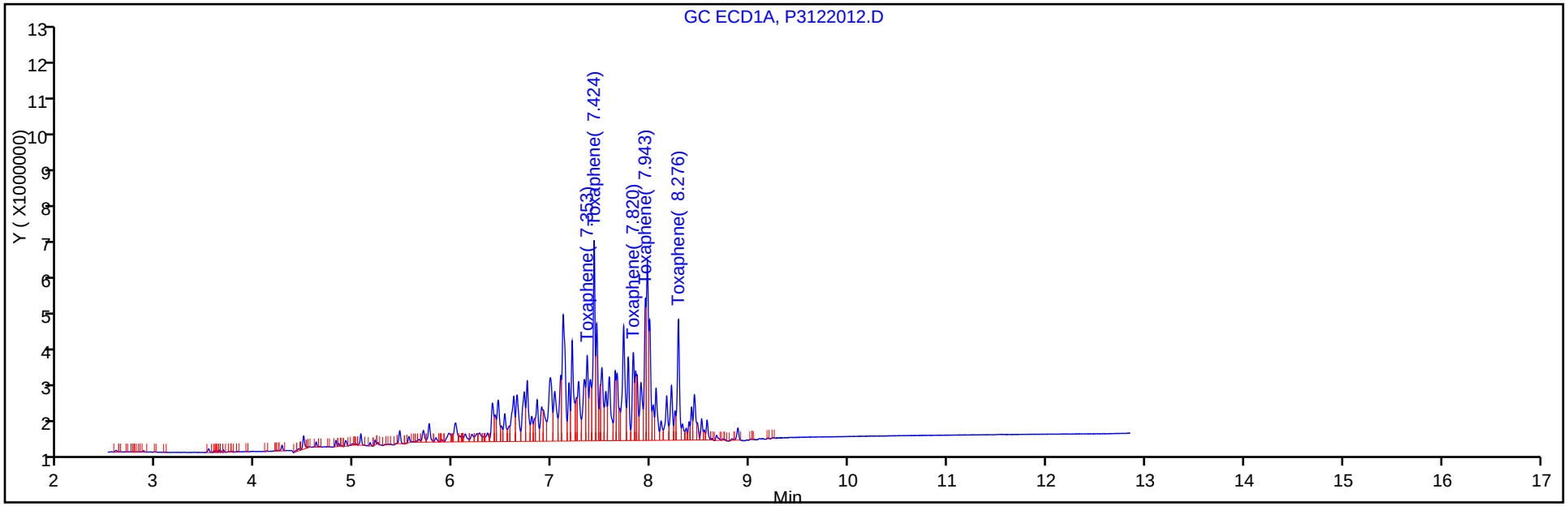
Report Date: 21-Dec-2012 07:17:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

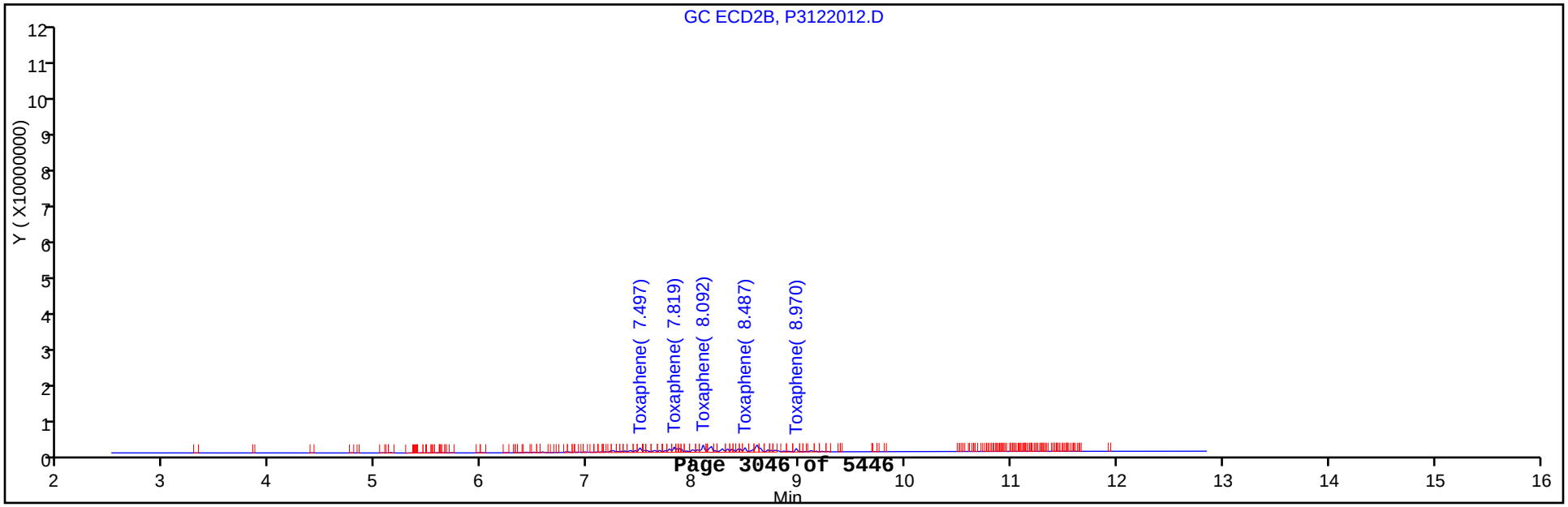
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122012.D

Injection Date:	20-Dec-2012 10:50:06	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	12
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122013.D
Lims ID: STD TOX2 Client ID:
Inject. Date: 20-Dec-2012 11:11:29 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0016042-013
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 69512 Lims Sample ID: 13
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:17:03 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:47:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1	7.354	7.196	0.158	7569109	0.4553		100.0	
1	2	7.426	7.418	0.008	16634814	0.4250	213.1- 253.1	219.8	
1	3	7.823	7.813	0.010	7819749	0.4309	86.0- 126.0	103.3	
1	4	7.945	7.936	0.009	9884013	0.4501	113.3- 153.3	130.6	
1	5	8.280	8.270	0.010	10781683	0.4153	134.3- 174.3	142.4	
			Average of Peak Amounts =			0.4353			
2	100	7.498	7.507	-0.009	4919523	0.4200		100.0	
2	2	7.818	7.830	-0.012	4461578	0.3935	72.7- 112.7	90.7	
2	3	8.093	8.104	-0.011	8295842	0.4237	147.8- 187.8	168.6	
2	4	8.487	8.502	-0.015	4670037	0.3976	78.7- 118.7	94.9	
2	5	8.972	8.983	-0.011	3063873	0.3962	47.3- 87.3	62.3	
			Average of Peak Amounts =			0.4062			
						RPD = 6.92			

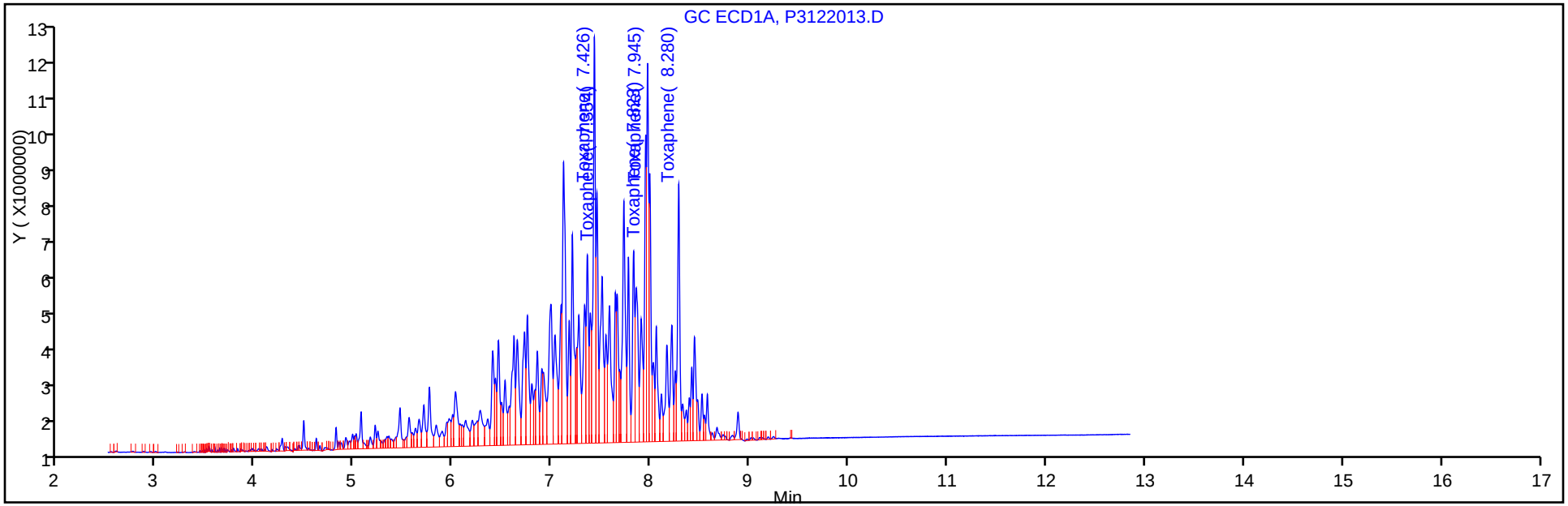
Report Date: 21-Dec-2012 07:17:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

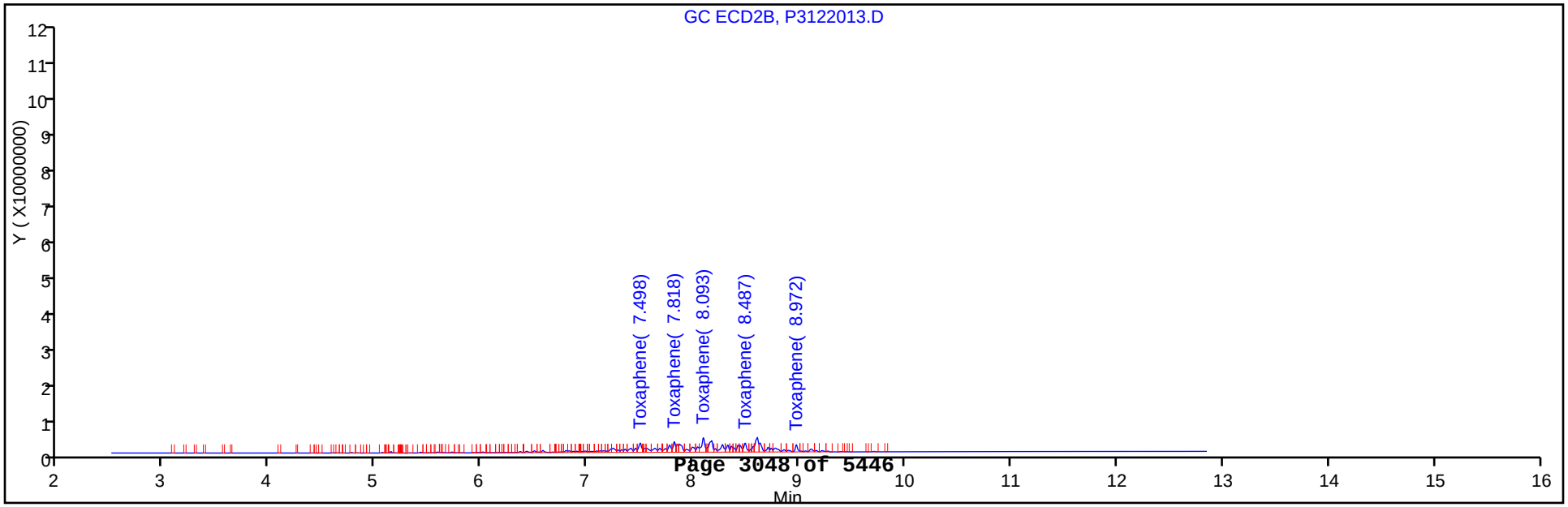
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122013.D

Injection Date:	20-Dec-2012 11:11:29	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	13
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122014.D
Lims ID: STD TOX3 Client ID:
Inject. Date: 20-Dec-2012 11:32:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0016042-014
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 69512 Lims Sample ID: 14
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:17:05 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:38:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	7.355	7.355	0.000	15515749	0.9332		100.0	
1	2	7.424	7.424	0.000	36166510	0.9241	213.1- 253.1	233.1	
1	3	7.821	7.821	0.000	16451894	0.9065	86.0- 126.0	106.0	
1	4	7.942	7.942	0.000	20689057	0.9422	113.3- 153.3	133.3	
1	5	8.278	8.278	0.000	23936622	0.9219	134.3- 174.3	154.3	
			Average of Peak Amounts =			0.9256			
2	100	7.496	7.496	0.000	10893045	0.9299		100.0	M
2	2	7.818	7.818	0.000	10096926	0.8905	72.7- 112.7	92.7	M
2	3	8.093	8.093	0.000	18274846	0.9334	147.8- 187.8	167.8	M
2	4	8.487	8.487	0.000	10752450	0.9154	78.7- 118.7	98.7	M
2	5	8.970	8.970	0.000	7333562	0.9484	47.3- 87.3	67.3	M
			Average of Peak Amounts =			0.9235			
						RPD = 0.22			

QC Flag Legend

Review Flags
M - Manually Integrated

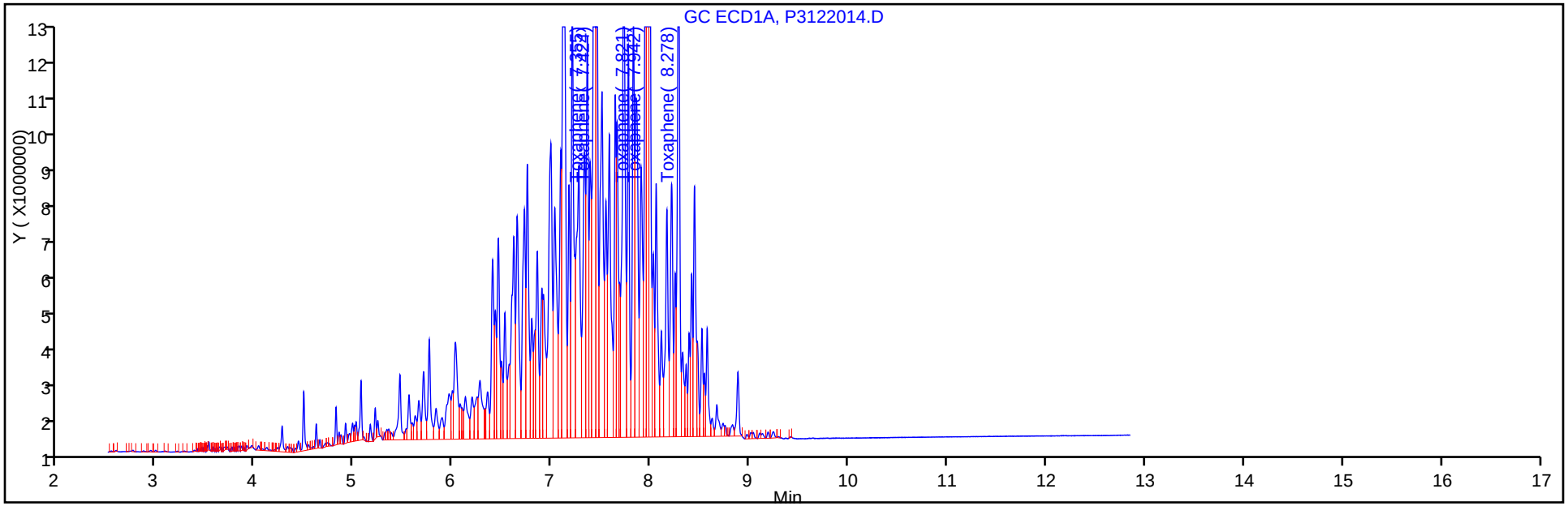
Report Date: 21-Dec-2012 07:17:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

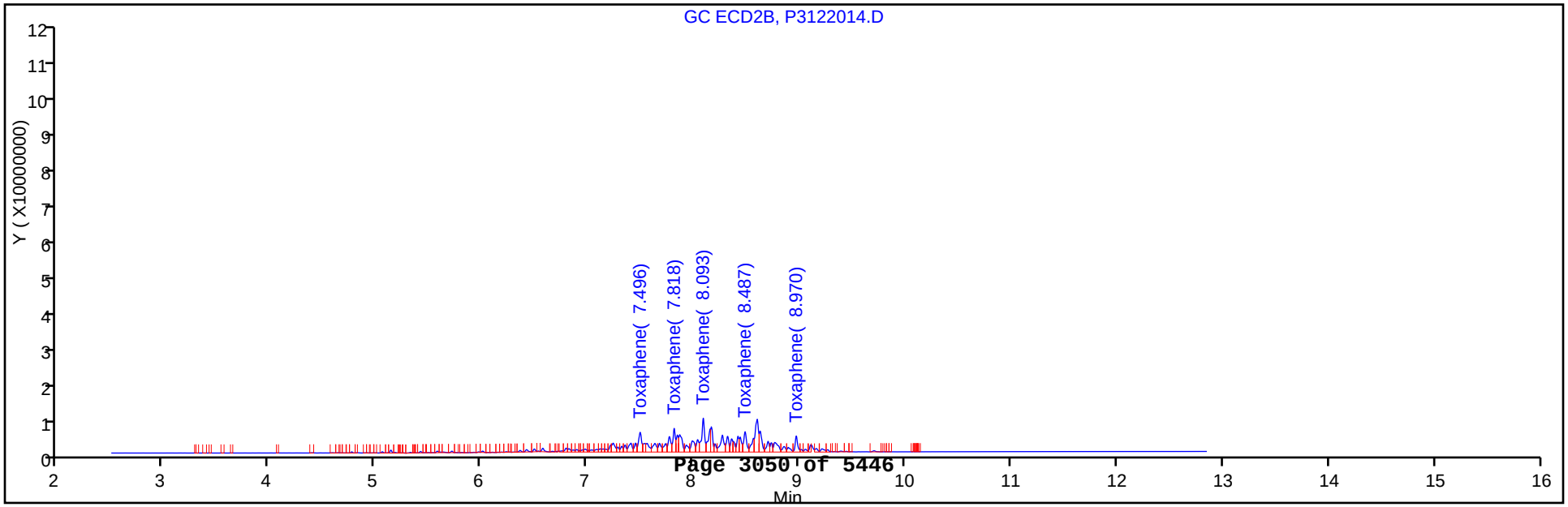
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122014.D

Injection Date:	20-Dec-2012 11:32:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	14
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122015.D		
Lims ID:	STD TOX4	Client ID:	
Inject. Date:	20-Dec-2012 11:53:41	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0016042-015		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	69512	Lims Sample ID:	15
Sublist:	chrom-PEST3*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m		
Last Update:	21-Dec-2012 07:17:07	Calib Date:	20-Dec-2012 12:14:40
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK011		

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:40:51

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1	7.354	7.355	-0.001	35004628	2.11		100.0	
1	2	7.424	7.424	0.000	83315617	2.13	213.1- 253.1	238.0	
1	3	7.820	7.821	-0.001	38777732	2.14	86.0- 126.0	110.8	
1	4	7.945	7.942	0.003	44404898	2.02	113.3- 153.3	126.9	
1	5	8.278	8.278	0.000	55528660	2.14	134.3- 174.3	158.6	
			Average of Peak Amounts =			2.11			
2	100	7.494	7.496	-0.002	24186692	2.06		100.0	M
2	2	7.817	7.818	-0.001	24398416	2.15	72.7- 112.7	100.9	M
2	3	8.092	8.093	-0.001	40857073	2.09	147.8- 187.8	168.9	M
2	4	8.488	8.487	0.001	24967485	2.13	78.7- 118.7	103.2	M
2	5	8.972	8.970	0.002	16117975	2.08	47.3- 87.3	66.6	M
			Average of Peak Amounts =			2.10			
						RPD = 0.18			

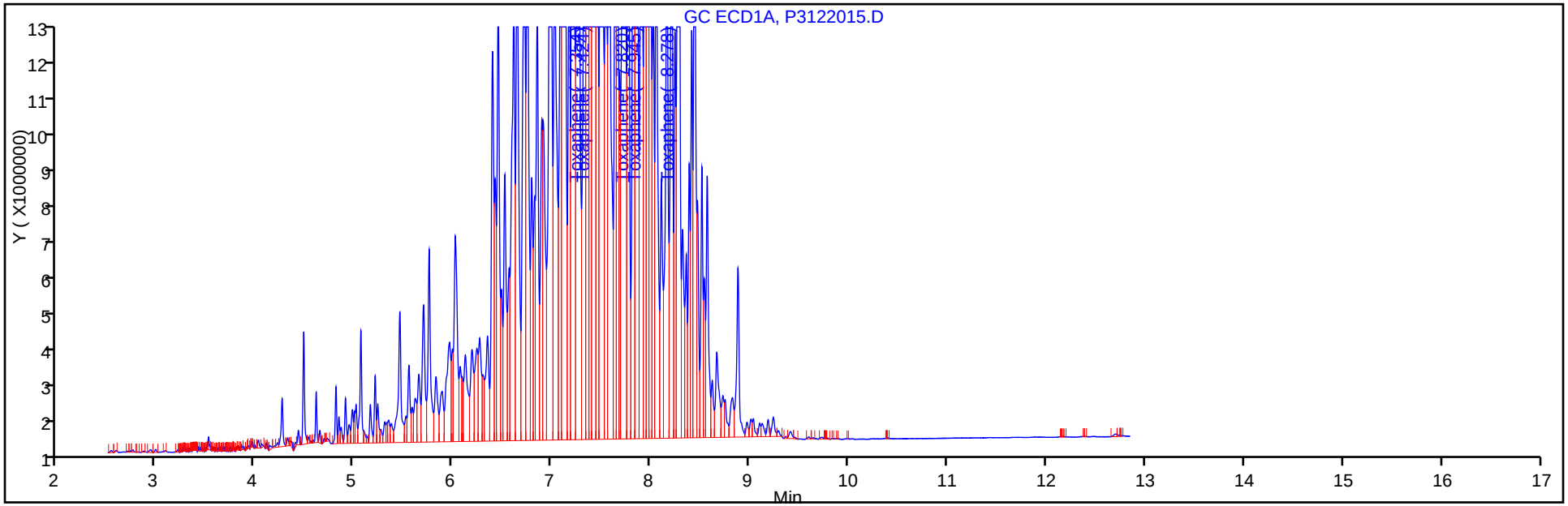
Report Date: 21-Dec-2012 07:17:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

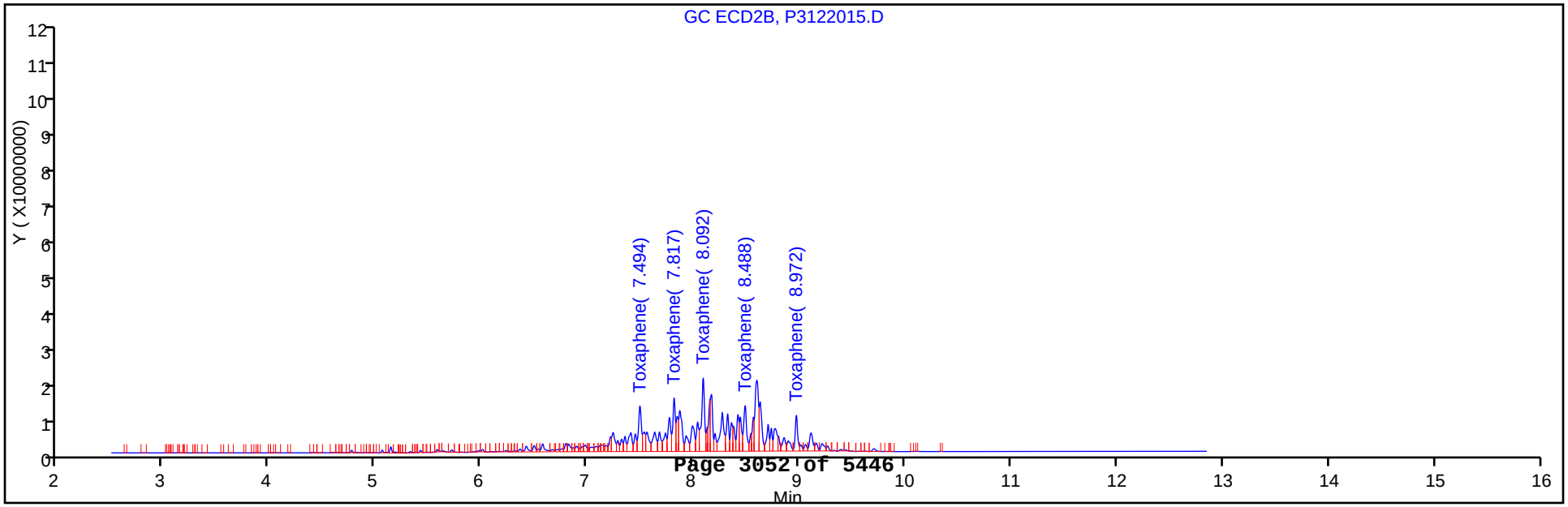
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122015.D

Injection Date:	20-Dec-2012 11:53:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	15
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Lims ID: STD TO 5 Client ID:
Inject. Date: 20-Dec-2012 12:14:40 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0016042-016
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 69512 Lims Sample ID: 16
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:17:09 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:44:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	7.352	7.355	-0.003	93442775	5.62		100.0	M
1	2	7.424	7.424	0.000	233684230	5.97	213.1- 253.1	250.1	M
1	3	7.818	7.821	-0.003	109340261	6.02	86.0- 126.0	117.0	M
1	4	7.939	7.942	-0.003	123839109	5.64	113.3- 153.3	132.5	M
1	5	8.274	8.278	-0.004	158824797	6.12	134.3- 174.3	170.0	M
			Average of Peak Amounts =			5.87			
2	100	7.494	7.496	-0.002	70890986	6.05		100.0	
2	2	7.817	7.818	-0.001	73884853	6.52	72.7- 112.7	104.2	
2	3	8.090	8.093	-0.003	118093468	6.03	147.8- 187.8	166.6	
2	4	8.486	8.487	-0.001	75868557	6.46	78.7- 118.7	107.0	
2	5	8.969	8.970	-0.001	48457248	6.27	47.3- 87.3	68.4	
			Average of Peak Amounts =			6.27			
						RPD = 6.43			

QC Flag Legend

Review Flags
M - Manually Integrated

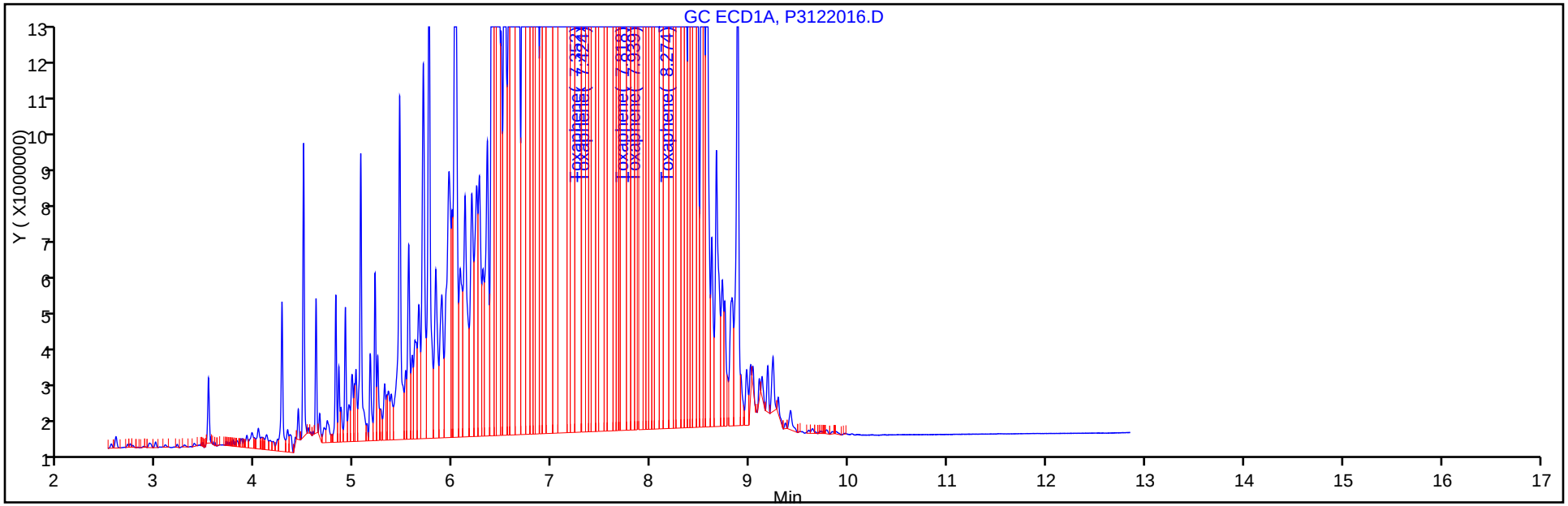
Report Date: 21-Dec-2012 07:17:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

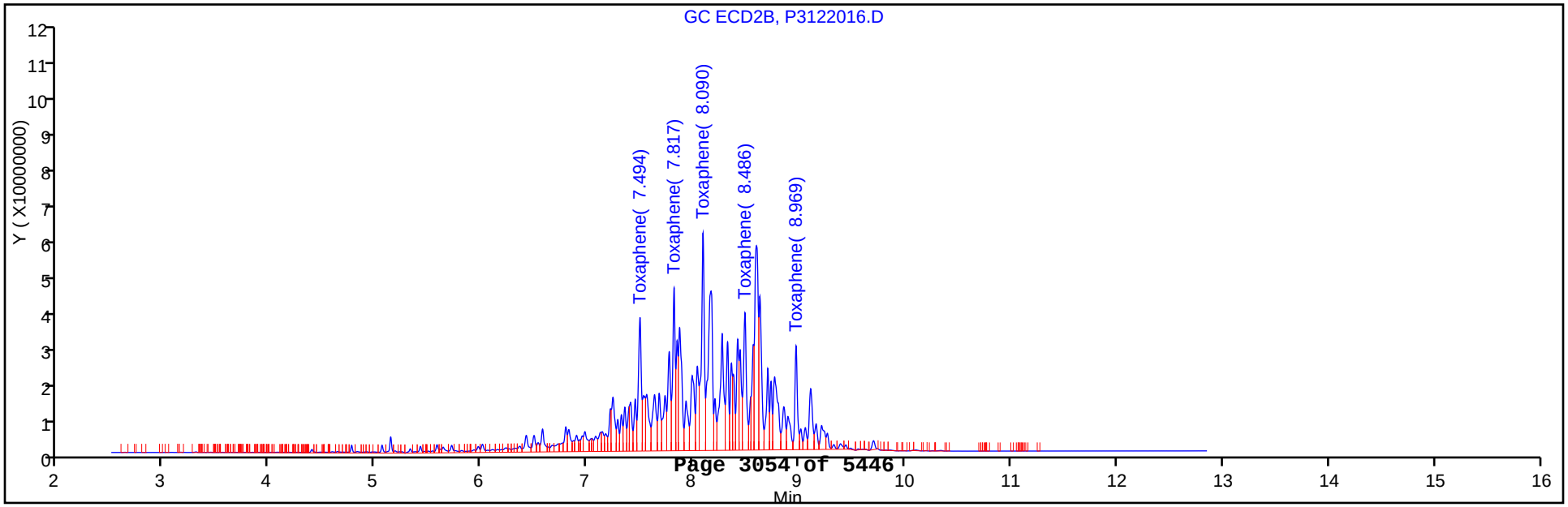
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D

Injection Date:	20-Dec-2012 12:14:40	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



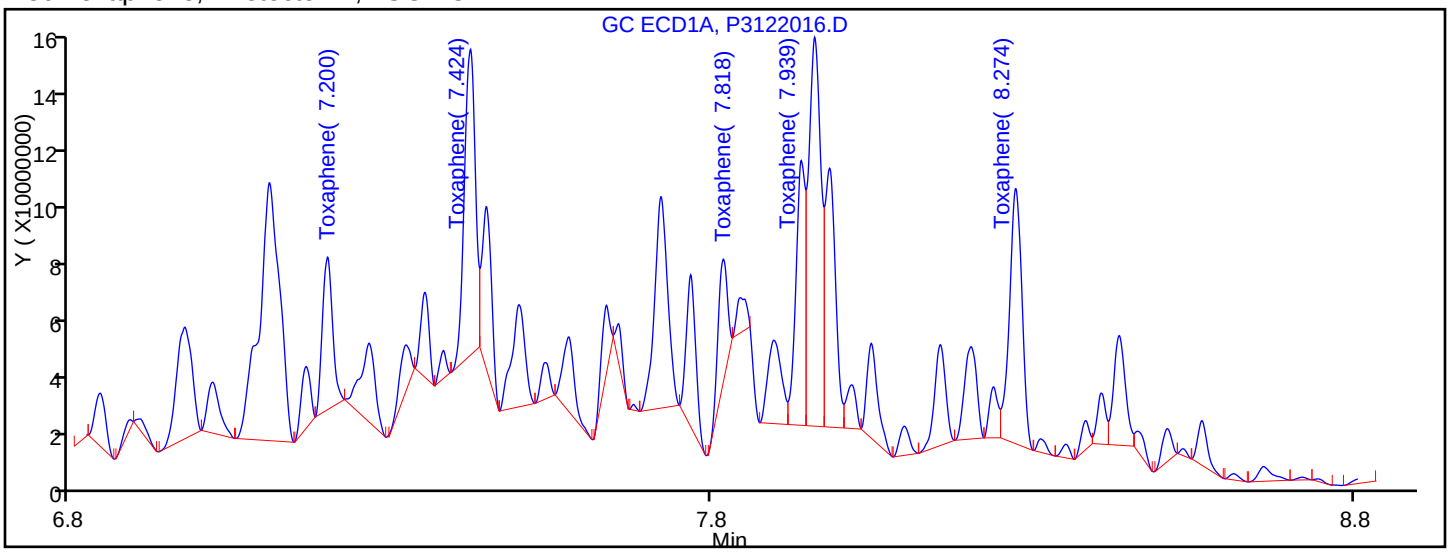
Report Date: 21-Dec-2012 07:17:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D

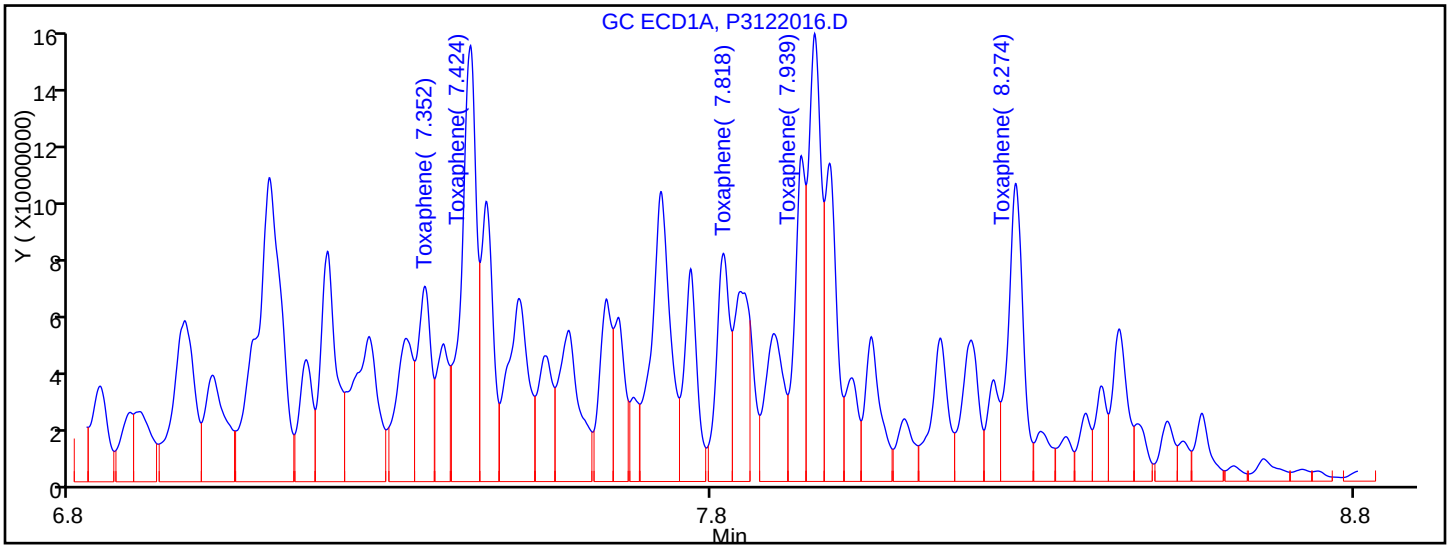
Injection Date:	20-Dec-2012 12:14:40	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 7.200	Response = 55749785	M
RT = 7.424	Response = 120854591	M
RT = 7.818	Response = 41000952	M
RT = 7.939	Response = 87989141	M
RT = 8.274	Response = 113719260	M



Manual Integration Results

RT = 7.352	Response = 93442775	M
RT = 7.424	Response = 233684230	M
RT = 7.818	Response = 109340261	M
RT = 7.939	Response = 123839109	M
RT = 8.274	Response = 158824797	M

Reviewer: vandorenc, 21-Dec-2012 07:09:41

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 10:50 Calibration End Date: 12/20/2012 12:14 Calibration ID: 12936

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69512/12	P3122012.D
Level 2	STD 240-69512/13	P3122013.D
Level 3	STD 240-69512/14	P3122014.D
Level 4	STD 240-69512/15	P3122015.D
Level 5	STD 240-69512/16	P3122016.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Toxaphene Peak 1	7.497	7.498	7.496	7.494	7.494						7.477 - 7.537	7.496
Toxaphene Peak 2	7.819	7.818	7.818	7.817	7.817						7.800 - 7.860	7.818
Toxaphene Peak 3	8.092	8.093	8.093	8.092	8.090						8.074 - 8.134	8.092
Toxaphene Peak 4	8.487	8.487	8.487	8.488	8.486						8.472 - 8.532	8.487
Toxaphene Peak 5	8.970	8.972	8.970	8.972	8.969						8.953 - 9.013	8.971

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 10:50 Calibration End Date: 12/20/2012 12:14 Calibration ID: 12936

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69512/12	P3122012.D
Level 2	STD 240-69512/13	P3122013.D
Level 3	STD 240-69512/14	P3122014.D
Level 4	STD 240-69512/15	P3122015.D
Level 5	STD 240-69512/16	P3122016.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								
Toxaphene Peak 1	11567245 14178197	9839046	10893045	12093346	Ave		11714175.8				14.0		20.0			
Toxaphene Peak 2	10699225 14776971	8923156	10096926	12199208	Ave		11339097.1				20.0		20.0			
Toxaphene Peak 3	18977375 23618694	16591684	18274846	20428537	Ave		19578227.0				14.0		20.0			
Toxaphene Peak 4	10980140 15173711	9340074	10752450	12483743	Ave		11746023.6				19.0		20.0			
Toxaphene Peak 5	7451560 9691450	6127746	7333562	8058988	Ave		7732661.02				17.0		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69512

SDG No.:

Instrument ID: A2HP3 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2012 10:50 Calibration End Date: 12/20/2012 12:14 Calibration ID: 12936

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69512/12	P3122012.D
Level 2	STD 240-69512/13	P3122013.D
Level 3	STD 240-69512/14	P3122014.D
Level 4	STD 240-69512/15	P3122015.D
Level 5	STD 240-69512/16	P3122016.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
Toxaphene Peak 1	Ave	2313449	4919523	10893045	24186692	70890986	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 2	Ave	2139845	4461578	10096926	24398416	73884853	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 3	Ave	3795475	8295842	18274846	40857073	118093468	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 4	Ave	2196028	4670037	10752450	24967485	75868557	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 5	Ave	1490312	3063873	7333562	16117975	48457248	0.200	0.500	1.00	2.00	5.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122012.D
Lims ID: STD TOX1 Client ID:
Inject. Date: 20-Dec-2012 10:50:06 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0016042-012
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 69512 Lims Sample ID: 12
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:17:02 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:40:11

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1	7.353	7.196	0.157	3256890	0.1959		100.0	
1	2	7.424	7.418	0.006	7570505	0.1934	213.1- 253.1	232.4	
1	3	7.820	7.813	0.007	3479906	0.1917	86.0- 126.0	106.8	
1	4	7.943	7.936	0.007	4473058	0.2037	113.3- 153.3	137.3	
1	5	8.276	8.270	0.006	4957500	0.1909	134.3- 174.3	152.2	
			Average of Peak Amounts =			0.1951			
2	100	7.497	7.507	-0.010	2313449	0.1975		100.0	M
2	2	7.819	7.830	-0.011	2139845	0.1887	72.7- 112.7	92.5	M
2	3	8.092	8.104	-0.012	3795475	0.1939	147.8- 187.8	164.1	M
2	4	8.487	8.502	-0.015	2196028	0.1870	78.7- 118.7	94.9	M
2	5	8.970	8.983	-0.013	1490312	0.1927	47.3- 87.3	64.4	M
			Average of Peak Amounts =			0.1920			
						RPD = 1.65			

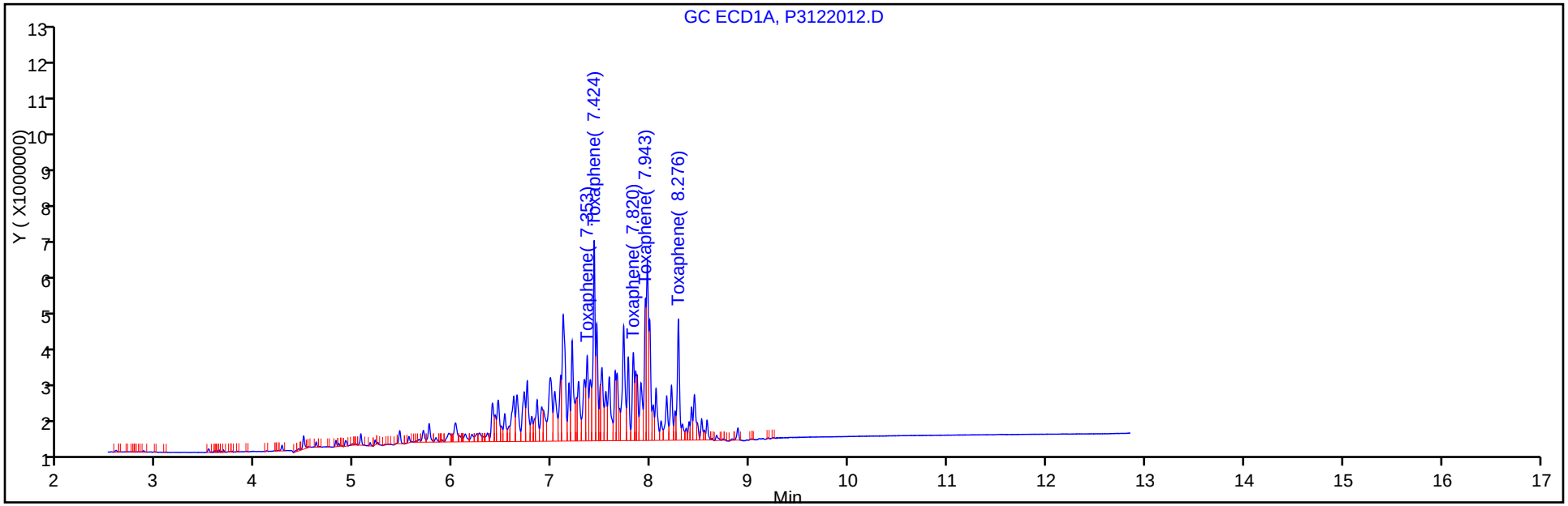
Report Date: 21-Dec-2012 07:17:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

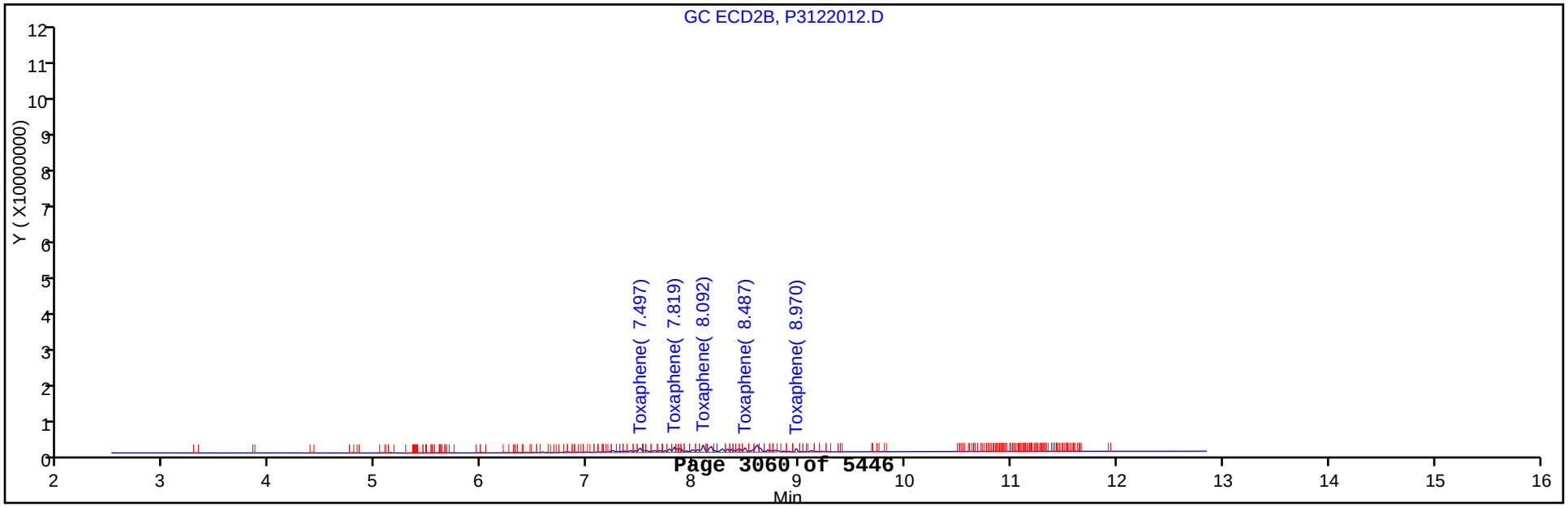
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122012.D

Injection Date:	20-Dec-2012 10:50:06	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	12
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122013.D
Lims ID: STD TOX2 Client ID:
Inject. Date: 20-Dec-2012 11:11:29 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0016042-013
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 69512 Lims Sample ID: 13
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:17:03 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:47:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1	7.354	7.196	0.158	7569109	0.4553		100.0	
1	2	7.426	7.418	0.008	16634814	0.4250	213.1- 253.1	219.8	
1	3	7.823	7.813	0.010	7819749	0.4309	86.0- 126.0	103.3	
1	4	7.945	7.936	0.009	9884013	0.4501	113.3- 153.3	130.6	
1	5	8.280	8.270	0.010	10781683	0.4153	134.3- 174.3	142.4	
			Average of Peak Amounts =			0.4353			
2	100	7.498	7.507	-0.009	4919523	0.4200		100.0	
2	2	7.818	7.830	-0.012	4461578	0.3935	72.7- 112.7	90.7	
2	3	8.093	8.104	-0.011	8295842	0.4237	147.8- 187.8	168.6	
2	4	8.487	8.502	-0.015	4670037	0.3976	78.7- 118.7	94.9	
2	5	8.972	8.983	-0.011	3063873	0.3962	47.3- 87.3	62.3	
			Average of Peak Amounts =			0.4062			
						RPD = 6.92			

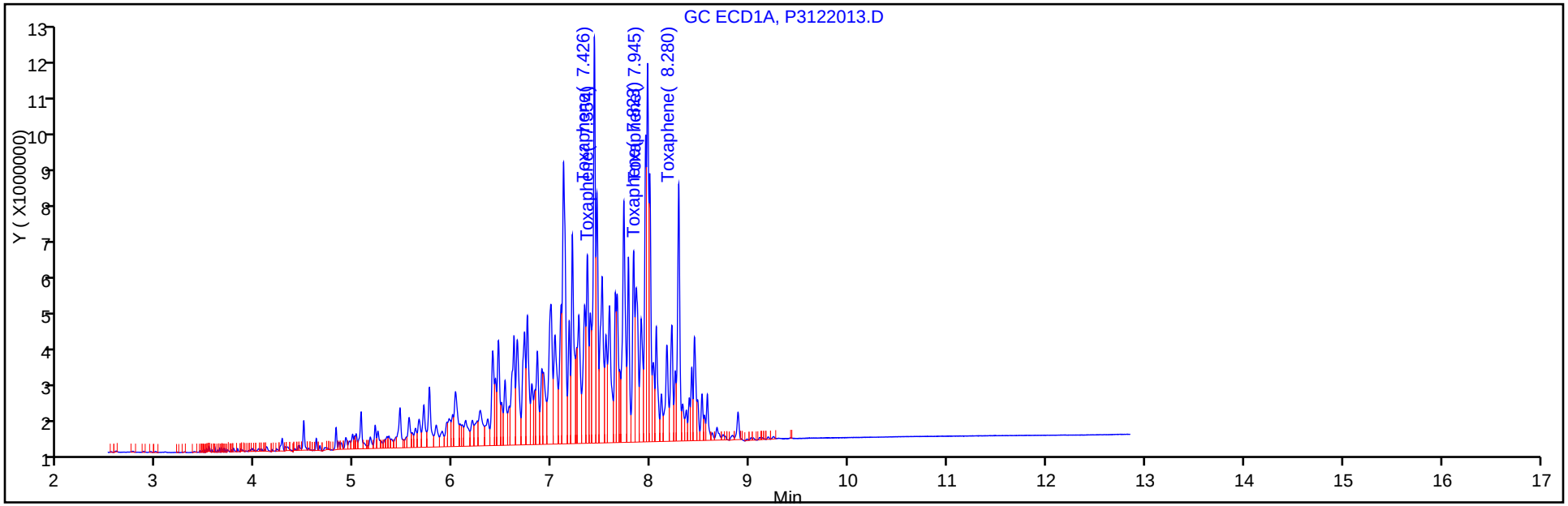
Report Date: 21-Dec-2012 07:17:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

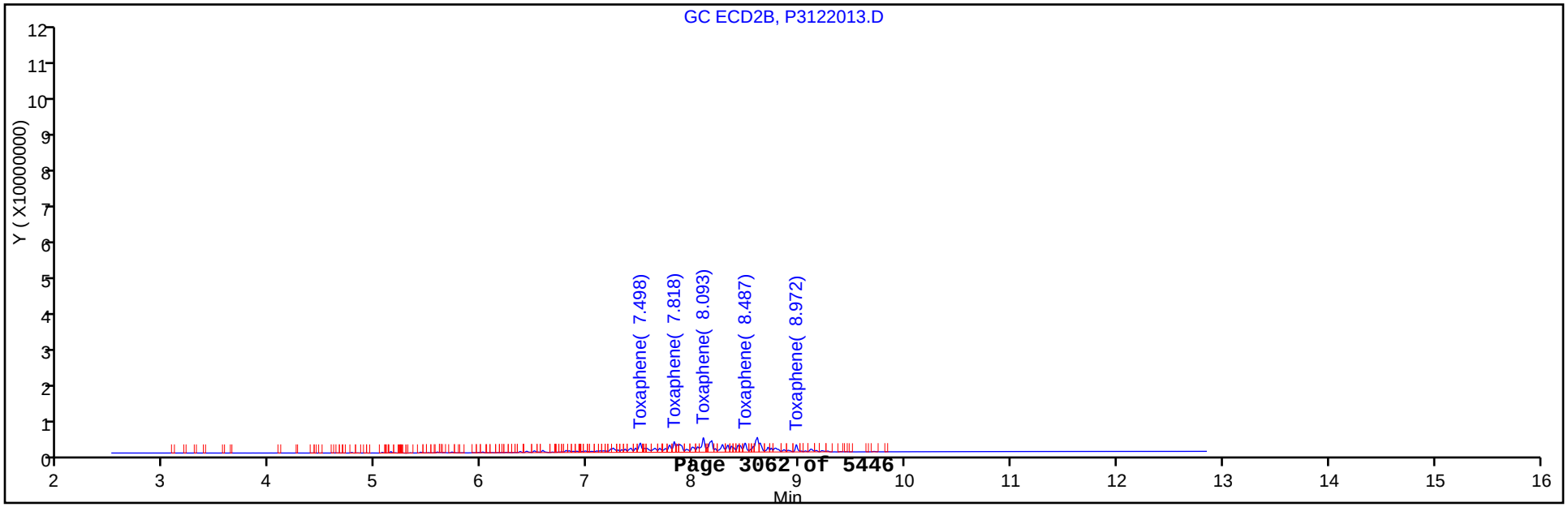
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122013.D

Injection Date:	20-Dec-2012 11:11:29	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	13
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122014.D
Lims ID: STD TOX3 Client ID:
Inject. Date: 20-Dec-2012 11:32:11 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0016042-014
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 69512 Lims Sample ID: 14
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:17:05 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:38:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	7.355	7.355	0.000	15515749	0.9332		100.0	
1	2	7.424	7.424	0.000	36166510	0.9241	213.1- 253.1	233.1	
1	3	7.821	7.821	0.000	16451894	0.9065	86.0- 126.0	106.0	
1	4	7.942	7.942	0.000	20689057	0.9422	113.3- 153.3	133.3	
1	5	8.278	8.278	0.000	23936622	0.9219	134.3- 174.3	154.3	
			Average of Peak Amounts =			0.9256			
2	100	7.496	7.496	0.000	10893045	0.9299		100.0	M
2	2	7.818	7.818	0.000	10096926	0.8905	72.7- 112.7	92.7	M
2	3	8.093	8.093	0.000	18274846	0.9334	147.8- 187.8	167.8	M
2	4	8.487	8.487	0.000	10752450	0.9154	78.7- 118.7	98.7	M
2	5	8.970	8.970	0.000	7333562	0.9484	47.3- 87.3	67.3	M
			Average of Peak Amounts =			0.9235			
						RPD = 0.22			

QC Flag Legend

Review Flags
M - Manually Integrated

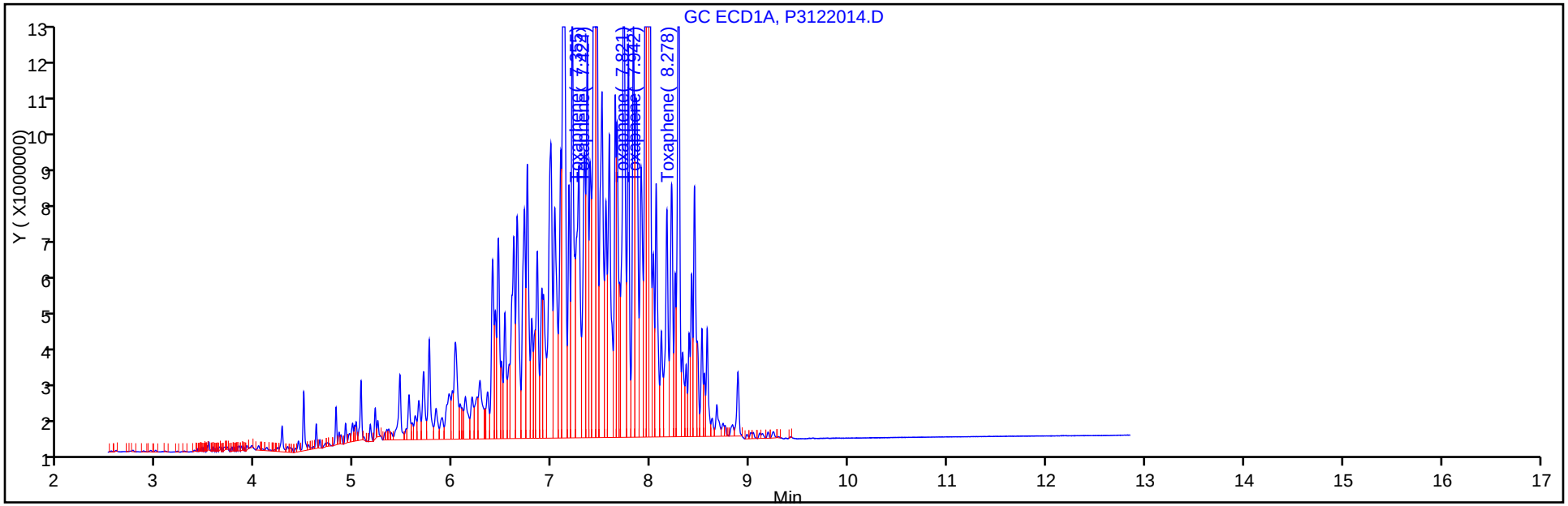
Report Date: 21-Dec-2012 07:17:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

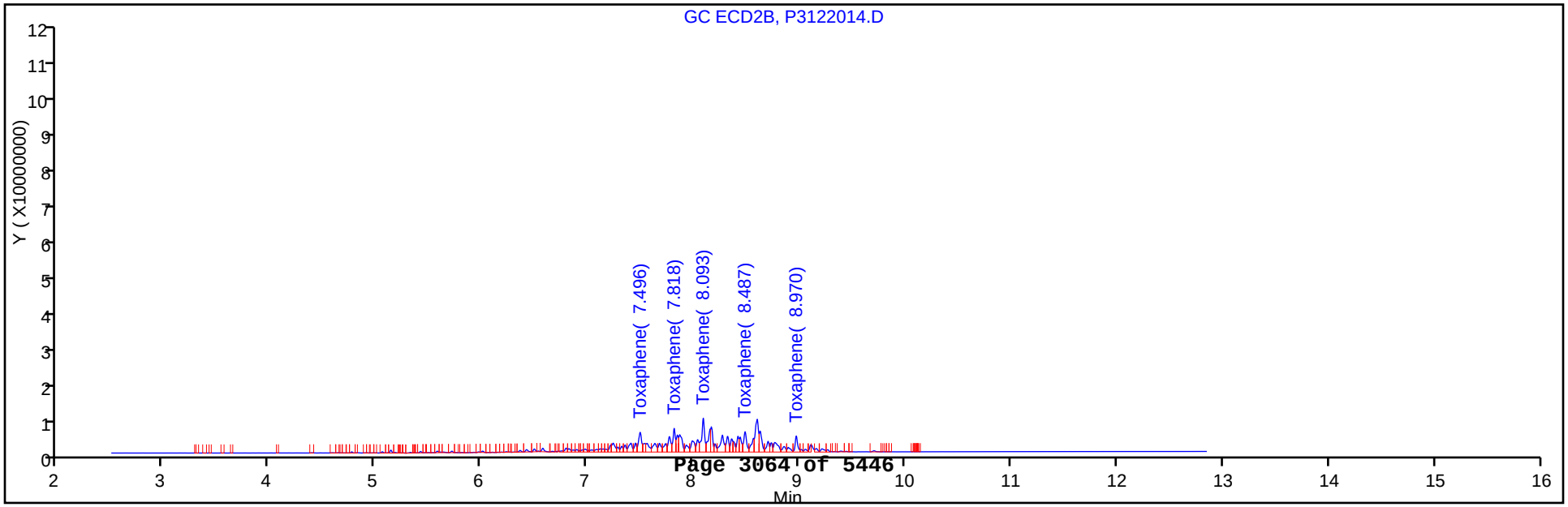
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122014.D

Injection Date:	20-Dec-2012 11:32:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	14
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



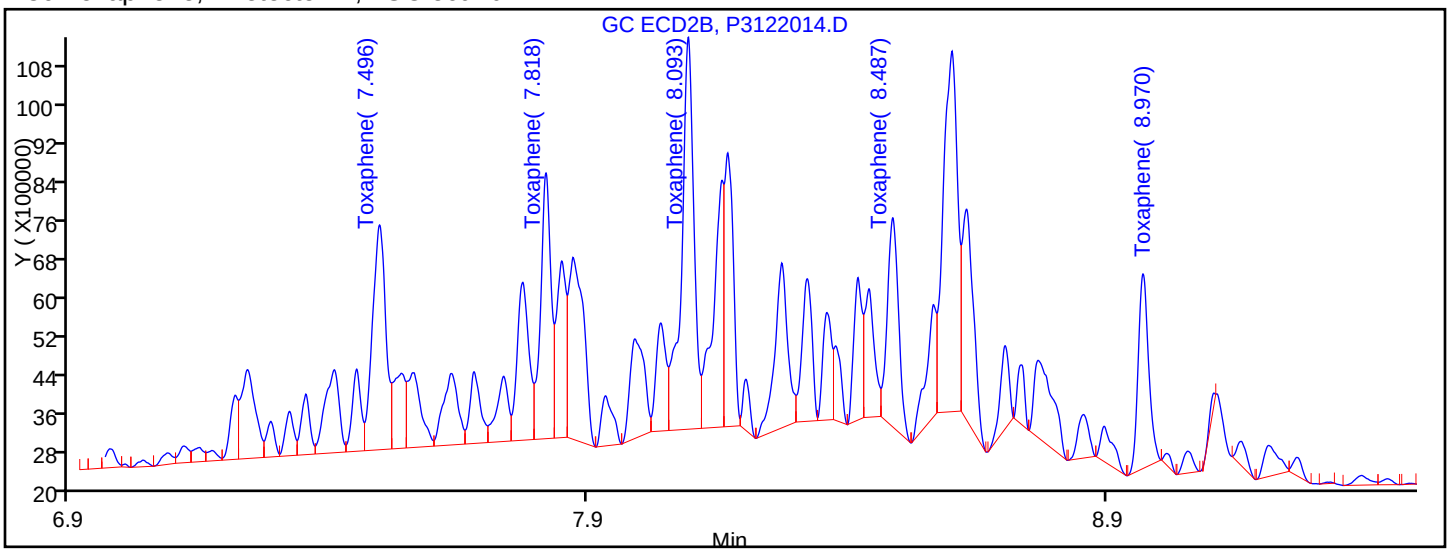
Report Date: 21-Dec-2012 07:17:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122014.D

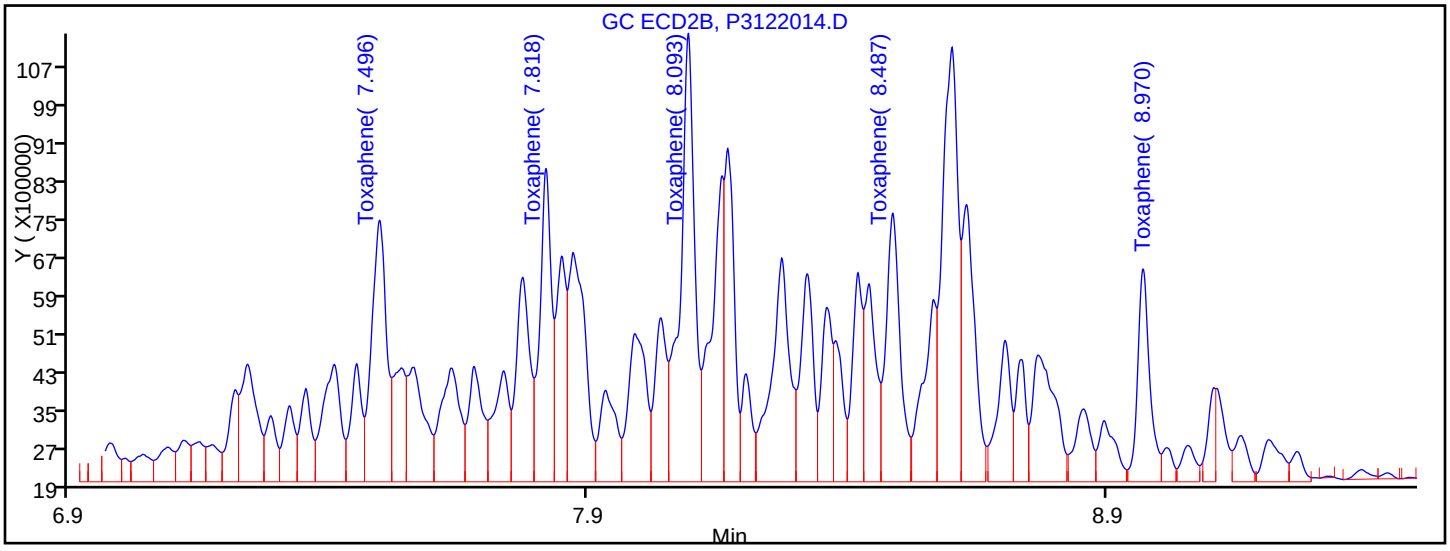
Injection Date:	20-Dec-2012 11:32:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	14
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 7.496	Response = 8408888	M
RT = 7.818	Response = 7703913	M
RT = 8.093	Response = 13665119	M
RT = 8.487	Response = 6586299	M
RT = 8.970	Response = 5713175	M



Manual Integration Results

RT = 7.496	Response = 10893045	M
RT = 7.818	Response = 10096926	M
RT = 8.093	Response = 18274846	M
RT = 8.487	Response = 10752450	M
RT = 8.970	Response = 7333562	M

Reviewer: vandorenc, 21-Dec-2012 07:08:32

Audit Action: Assigned New Baseline

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122015.D		
Lims ID:	STD TOX4	Client ID:	
Inject. Date:	20-Dec-2012 11:53:41	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0016042-015		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	69512	Lims Sample ID:	15
Sublist:	chrom-PEST3*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m		
Last Update:	21-Dec-2012 07:17:07	Calib Date:	20-Dec-2012 12:14:40
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK011		

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:40:51

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1	7.354	7.355	-0.001	35004628	2.11		100.0	
1	2	7.424	7.424	0.000	83315617	2.13	213.1- 253.1	238.0	
1	3	7.820	7.821	-0.001	38777732	2.14	86.0- 126.0	110.8	
1	4	7.945	7.942	0.003	44404898	2.02	113.3- 153.3	126.9	
1	5	8.278	8.278	0.000	55528660	2.14	134.3- 174.3	158.6	
			Average of Peak Amounts =			2.11			
2	100	7.494	7.496	-0.002	24186692	2.06		100.0	M
2	2	7.817	7.818	-0.001	24398416	2.15	72.7- 112.7	100.9	M
2	3	8.092	8.093	-0.001	40857073	2.09	147.8- 187.8	168.9	M
2	4	8.488	8.487	0.001	24967485	2.13	78.7- 118.7	103.2	M
2	5	8.972	8.970	0.002	16117975	2.08	47.3- 87.3	66.6	M
			Average of Peak Amounts =			2.10			
						RPD = 0.18			

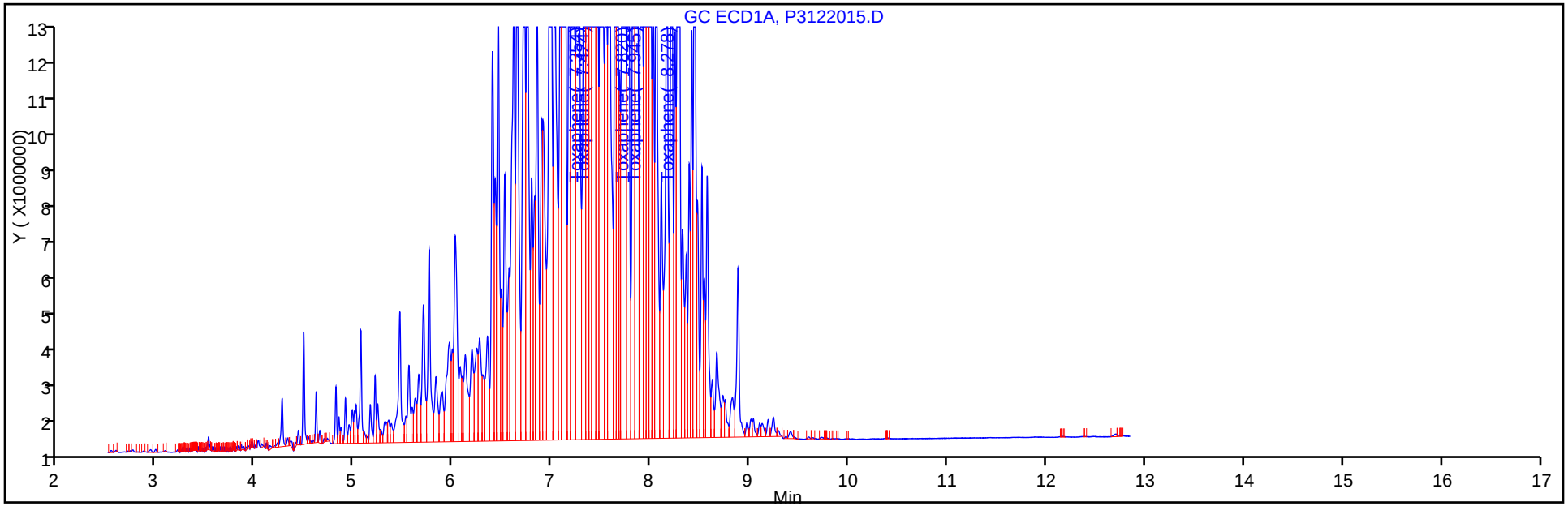
Report Date: 21-Dec-2012 07:17:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

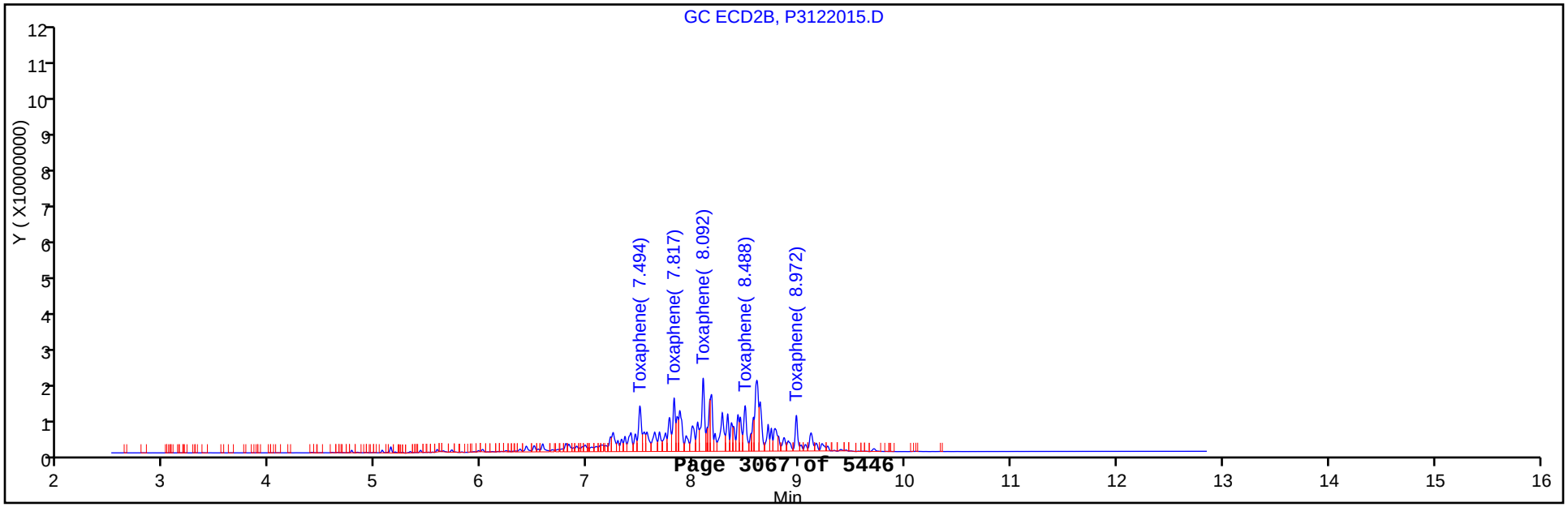
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122015.D

Injection Date:	20-Dec-2012 11:53:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	15
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Lims ID: STD TO 5 Client ID:
Inject. Date: 20-Dec-2012 12:14:40 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0016042-016
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 69512 Lims Sample ID: 16
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:17:09 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:44:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	7.352	7.355	-0.003	93442775	5.62		100.0	M
1	2	7.424	7.424	0.000	233684230	5.97	213.1- 253.1	250.1	M
1	3	7.818	7.821	-0.003	109340261	6.02	86.0- 126.0	117.0	M
1	4	7.939	7.942	-0.003	123839109	5.64	113.3- 153.3	132.5	M
1	5	8.274	8.278	-0.004	158824797	6.12	134.3- 174.3	170.0	M
			Average of Peak Amounts =			5.87			
2	100	7.494	7.496	-0.002	70890986	6.05		100.0	
2	2	7.817	7.818	-0.001	73884853	6.52	72.7- 112.7	104.2	
2	3	8.090	8.093	-0.003	118093468	6.03	147.8- 187.8	166.6	
2	4	8.486	8.487	-0.001	75868557	6.46	78.7- 118.7	107.0	
2	5	8.969	8.970	-0.001	48457248	6.27	47.3- 87.3	68.4	
			Average of Peak Amounts =			6.27			
						RPD = 6.43			

QC Flag Legend

Review Flags
M - Manually Integrated

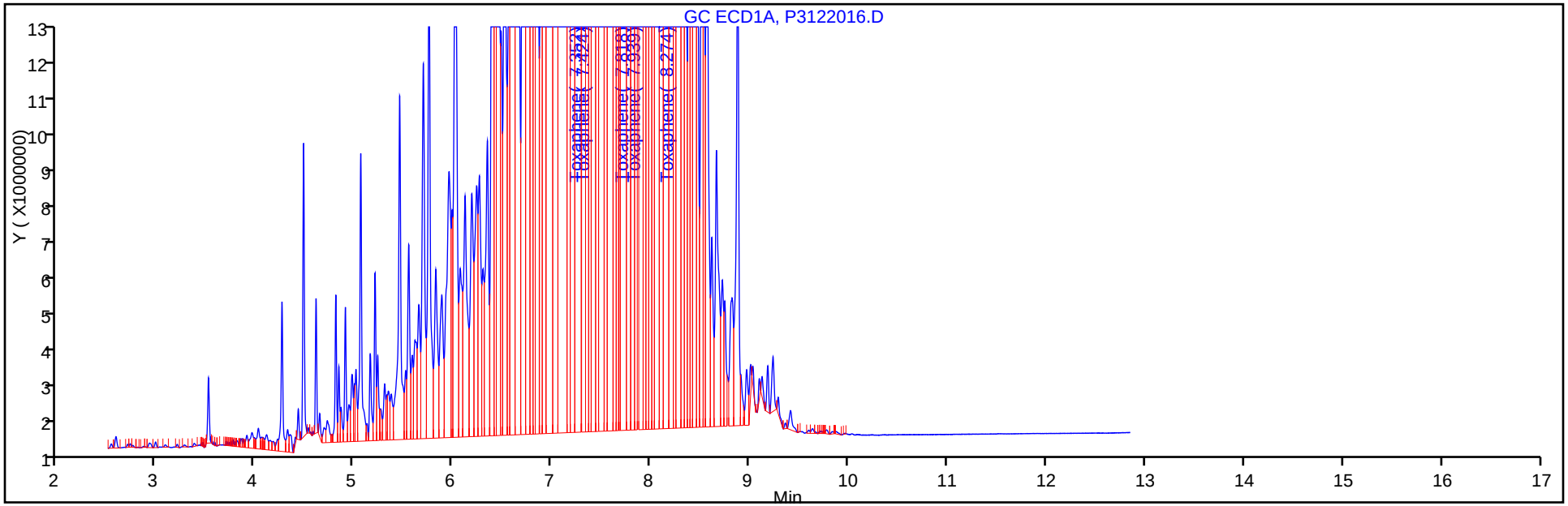
Report Date: 21-Dec-2012 07:17:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

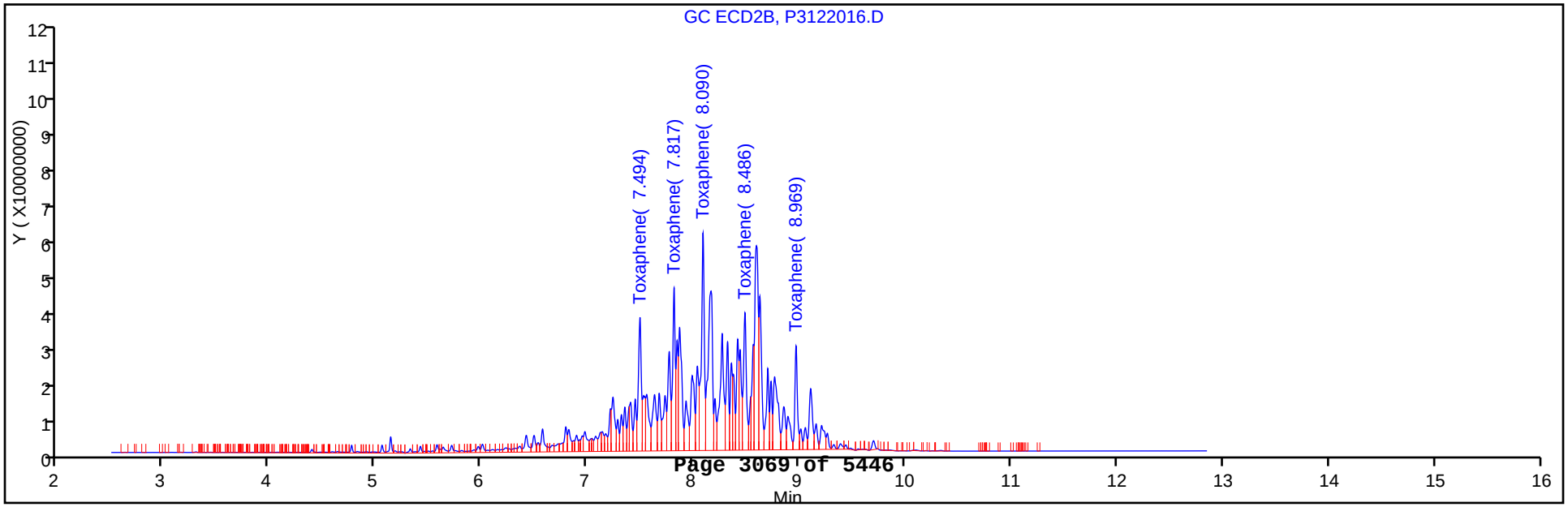
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D

Injection Date:	20-Dec-2012 12:14:40	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12706

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67554/5	P9120605.D
Level 2	STD 240-67554/6	P9120606.D
Level 3	STD 240-67554/7	P9120607.D
Level 4	STD 240-67554/8	P9120608.D
Level 5	STD 240-67554/9	P9120609.D
Level 6	STD 240-67554/10	P9120610.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
alpha-BHC	4.184	4.184	4.185	4.184	4.184	4.185					4.155 - 4.215	4.184
gamma-BHC (Lindane)	4.560	4.560	4.560	4.561	4.560	4.561					4.530 - 4.590	4.560
beta-BHC	4.691	4.691	4.691	4.692	4.692	4.693					4.661 - 4.721	4.692
delta-BHC	4.905	4.905	4.905	4.905	4.906	4.906					4.875 - 4.935	4.905
Heptachlor	5.186	5.186	5.187	5.188	5.187	5.188					5.152 - 5.222	5.187
Aldrin	5.639	5.639	5.639	5.638	5.638	5.639					5.609 - 5.669	5.639
Heptachlor epoxide	6.866	6.867	6.868	6.867	6.868	6.868					6.838 - 6.898	6.867
gamma-Chlordane	7.173	7.173	7.174	7.173	7.172	7.174					7.144 - 7.204	7.173
alpha-Chlordane	7.525	7.525	7.526	7.525	7.524	7.524					7.496 - 7.556	7.525
Endosulfan I	7.802	7.802	7.803	7.801	7.803	7.803					7.773 - 7.833	7.802
4,4'-DDE	7.905	7.904	7.906	7.907	7.905	7.904					7.876 - 7.936	7.905
Dieldrin	8.369	8.367	8.367	8.368	8.368	8.368					8.337 - 8.397	8.368
Endrin	8.825	8.825	8.827	8.826	8.827	8.825					8.797 - 8.857	8.826
4,4'-DDD	9.189	9.188	9.188	9.190	9.190	9.189					9.158 - 9.218	9.189
Endosulfan II	9.276	9.276	9.276	9.278	9.277	9.277					9.246 - 9.306	9.277
4,4'-DDT	9.710	9.709	9.711	9.710	9.711	9.712					9.681 - 9.741	9.711
Endrin aldehyde	10.070	10.071	10.071	10.070	10.070	10.072					10.041 - 10.101	10.071
Methoxychlor	10.660	10.659	10.661	10.661	10.661	10.661					10.631 - 10.691	10.661
Endosulfan sulfate	10.791	10.794	10.794	10.794	10.795	10.795					10.764 - 10.824	10.794
Endrin ketone	11.194	11.194	11.194	11.193	11.195	11.193					11.164 - 11.224	11.194
Tetrachloro-m-xylene	3.501	3.501	3.501	3.502	3.502	3.503					3.471 - 3.531	3.502
DCB Decachlorobiphenyl	12.805	12.804	12.803	12.806	12.804	12.805					12.773 - 12.833	12.805

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12706

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67554/5	P9120605.D
Level 2	STD 240-67554/6	P9120606.D
Level 3	STD 240-67554/7	P9120607.D
Level 4	STD 240-67554/8	P9120608.D
Level 5	STD 240-67554/9	P9120609.D
Level 6	STD 240-67554/10	P9120610.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								
alpha-BHC	3586555400 3637613720	2916578200 3465599795	3365228440	3557030340	Ave		3421434316				7.8		20.0			
gamma-BHC (Lindane)	3191440600 3077244680	2450261400 2876063095	2834463560	3053146580	Ave		2913769986				9.0		20.0			
beta-BHC	1476811400 1255720400	1118301700 1175580385	1213417160	1261514420	Ave		1250224244				9.9		20.0			
delta-BHC	3193101400 3227352440	2536606900 3143443075	3029876440	3240134960	Ave		3061752536				8.8		20.0			
Heptachlor	3009020200 2744701200	2330803800 2487291040	2579119360	2779105240	Ave		2655006807				9.0		20.0			
Aldrin	3509740000 3238220780	2859458200 3101445160	3173868720	3255879720	Ave		3189768763				6.7		20.0			
Heptachlor epoxide	3009245200 2602529290	2278720400 2393061935	2543642120	2658510540	Ave		2580951581				9.8		20.0			
gamma-Chlordane	3129551200 2908627190	2408994400 2777083860	2738373440	2899482580	Ave		2810352112				8.5		20.0			
alpha-Chlordane	3292464800 2968773130	2562003300 2840169160	2857617080	2966442360	Ave		2914578305				8.1		20.0			
Endosulfan I	2882976000 2419067430	2169178000 2227474740	2386114960	2496293020	Ave		2430184025				10.0		20.0			
4,4'-DDE	3280808600 3036671440	2690352800 2911849685	2944154160	3044012660	Ave		2984641558				6.5		20.0			
Dieldrin	2827555600 2536875530	2173999500 2370901895	2479808280	2596960620	Ave		2497683571				8.8		20.0			
Endrin	2625899600 2300544390	2034352000 2115542150	2165227240	2355072040	Ave		2266106237				9.4		20.0			
4,4'-DDD	1996123600 1914192010	1549706100 1843992875	1791152240	1924390520	Ave		1836592891				8.6		20.0			
Endosulfan II	2797609800 2297728620	2106413800 2151967255	2361923680	2444173760	Ave		2359969486				11.0		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12706

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								
4,4'-DDT	2140046000 2130596840	1684867800 1994273015	1941510640	2075930440	Ave		1994537456				8.5		20.0			
Endrin aldehyde	2102280800 1808389640	1605557600 1641658925	1779459400	1860970620	Ave		1799719498				9.9		20.0			
Methoxychlor	1105380000 927598750	845511900 832084450	945061960	956203100	Ave		935306693				11.0		20.0			
Endosulfan sulfate	2504145800 2183861460	1912156400 1999407050	2167604360	2255887340	Ave		2170510402				9.5		20.0			
Endrin ketone	2638848200 2239313160	2003847800 2039941480	2224100640	2318859840	Ave		2244151853				10.0		20.0			
Tetrachloro-m-xylene	2932003200 2524693710	2461314000 2439890100	2557307040	2636055120	Ave		2591877195				7.0		20.0			
DCB Decachlorobiphenyl	2662722200 2406785450	2129942300 2301208295	2411471560	2422844620	Ave		2389162404				7.3		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12706

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67554/5	P9120605.D
Level 2	STD 240-67554/6	P9120606.D
Level 3	STD 240-67554/7	P9120607.D
Level 4	STD 240-67554/8	P9120608.D
Level 5	STD 240-67554/9	P9120609.D
Level 6	STD 240-67554/10	P9120610.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
alpha-BHC	Ave	17932777 693119959	29165782	84130711	177851517	363761372	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-BHC (Lindane)	Ave	15957203 575212619	24502614	70861589	152657329	307724468	0.00500 0.200	0.0100	0.0250	0.0500	0.100
beta-BHC	Ave	7384057 235116077	11183017	30335429	63075721	125572040	0.00500 0.200	0.0100	0.0250	0.0500	0.100
delta-BHC	Ave	15965507 628688615	25366069	75746911	162006748	322735244	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor	Ave	15045101 497458208	23308038	64477984	138955262	274470120	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Aldrin	Ave	17548700 620289032	28594582	79346718	162793986	323822078	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor epoxide	Ave	15046226 478612387	22787204	63591053	132925527	260252929	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-Chlordane	Ave	15647756 555416772	24089944	68459336	144974129	290862719	0.00500 0.200	0.0100	0.0250	0.0500	0.100
alpha-Chlordane	Ave	16462324 568033832	25620033	71440427	148322118	296877313	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan I	Ave	14414880 445494948	21691780	59652874	124814651	241906743	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDE	Ave	16404043 582369937	26903528	73603854	152200633	303667144	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Dieldrin	Ave	14137778 474180379	21739995	61995207	129848031	253687553	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin	Ave	13129498 423108430	20343520	54130681	117753602	230054439	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDD	Ave	9980618 368798575	15497061	44778806	96219526	191419201	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan II	Ave	13988049 430393451	21064138	59048092	122208688	229772862	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDT	Ave	10700230 398854603	16848678	48537766	103796522	213059684	0.00500 0.200	0.0100	0.0250	0.0500	0.100

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12706

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
Endrin aldehyde	Ave	10511404 328331785	16055576	44486485	93048531	180838964	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Methoxychlor	Ave	5526900 166416890	8455119	23626549	47810155	92759875	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan sulfate	Ave	12520729 399881410	19121564	54190109	112794367	218386146	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin ketone	Ave	13194241 407988296	20038478	55602516	115942992	223931316	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Tetrachloro-m-xylene	Ave	14660016 487978020	24613140	63932676	131802756	252469371	0.00500 0.200	0.0100	0.0250	0.0500	0.100
DCB Decachlorobiphenyl	Ave	13313611 460241659	21299423	60286789	121142231	240678545	0.00500 0.200	0.0100	0.0250	0.0500	0.100

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120605.D
Lims ID: STD AB L1 Client ID:
Inject. Date: 06-Dec-2012 10:48:32 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015581-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 67554 Lims Sample ID: 5
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:15 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:03:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.501	0.000	14660016	0.005656			
2	100	4.094	4.094	0.000	41879947	0.005419			
						RPD = 4.28			
5 alpha-BHC									
1	100	4.184	4.185	-0.001	17932777	0.005241			
2	100	4.920	4.921	-0.001	53428941	0.004947			
						RPD = 5.77			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	15957203	0.005476			
2	100	5.476	5.477	-0.001	48324901	0.005385			
						RPD = 1.69			
7 beta-BHC									
1	100	4.691	4.691	0.000	7384057	0.005906			
2	100	5.653	5.653	0.000	22763108	0.006034			
						RPD = 2.14			
11 delta-BHC									
1	100	4.905	4.905	0.000	15965507	0.005214			
2	100	6.204	6.204	0.000	49026550	0.005200			
						RPD = 0.27			
22 Heptachlor									
1	100	5.186	5.187	-0.001	15045101	0.005667			
2	100	6.303	6.303	0.000	47613888	0.005984			
						RPD = 5.45			
4 Aldrin									
1	100	5.639	5.639	0.000	17548700	0.005502			
2	100	7.019	7.021	-0.002	49036135	0.005541			
						RPD = 0.71			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.866	6.868	-0.002	15046226	0.005830			
2	100	8.506	8.506	0.000	43009905	0.005897			
						RPD = 1.14			
21 gamma-Chlordane									
1	100	7.173	7.174	-0.001	15647756	0.005568			
2	100	8.934	8.933	0.001	42682875	0.005715			
						RPD = 2.60			
6 alpha-Chlordane									
1	100	7.525	7.526	-0.001	16462324	0.005648			
2	100	9.245	9.246	-0.001	43837827	0.005798			
						RPD = 2.62			
14 Endosulfan I									
1	100	7.802	7.803	-0.001	14414880	0.005932			
2	100	9.306	9.307	-0.001	37548838	0.006062			
						RPD = 2.18			
2 4,4'-DDE									
1	100	7.905	7.906	-0.001	16404043	0.005496			
2	100	9.705	9.706	-0.001	42594758	0.005680			
						RPD = 3.28			
13 Dieldrin									
1	100	8.369	8.367	0.002	14137778	0.005660			
2	100	9.841	9.842	-0.001	39250703	0.005766			
						RPD = 1.84			
17 Endrin									
1	100	8.825	8.827	-0.002	13129498	0.005794			
2	100	10.363	10.363	0.000	36297633	0.005737			
						RPD = 0.98			
1 4,4'-DDD									
1	100	9.189	9.188	0.001	9980618	0.005434			
2	100	10.734	10.735	-0.001	55673426	0.005160			
						RPD = 5.18			
15 Endosulfan II									M
1	100	9.276	9.276	0.000	13988049	0.005927			
2	100	10.734	10.735	-0.001	60213459	0.005503			M
						RPD = 7.42			
3 4,4'-DDT									
1	100	9.710	9.711	-0.001	10700230	0.005365			
2	100	11.219	11.221	-0.002	26060441	0.005287			
						RPD = 1.46			
18 Endrin aldehyde									
1	100	10.070	10.071	-0.001	10511404	0.005841			
2	100	11.307	11.309	-0.002	27614845	0.005836			
						RPD = 0.08			
27 Methoxychlor									
1	100	10.660	10.661	-0.001	5526900	0.005909			
2	100	12.297	12.297	0.000	14481311	0.005819			
						RPD = 1.54			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.791	10.794	-0.003	12520729	0.005769			
2	100	11.740	11.741	-0.001	31922825	0.005637			
						RPD = 2.30			
19 Endrin ketone									
1	100	11.194	11.194	0.000	13194241	0.005879			
2	100	12.477	12.478	-0.001	32841521	0.005694			
						RPD = 3.21			
$ 10 DCB Decachlorobiphenyl									
1	100	12.805	12.803	0.002	13313611	0.005573			
2	100	14.255	14.256	-0.001	32331243	0.005636			
						RPD = 1.13			

QC Flag Legend

Review Flags
M - Manually Integrated

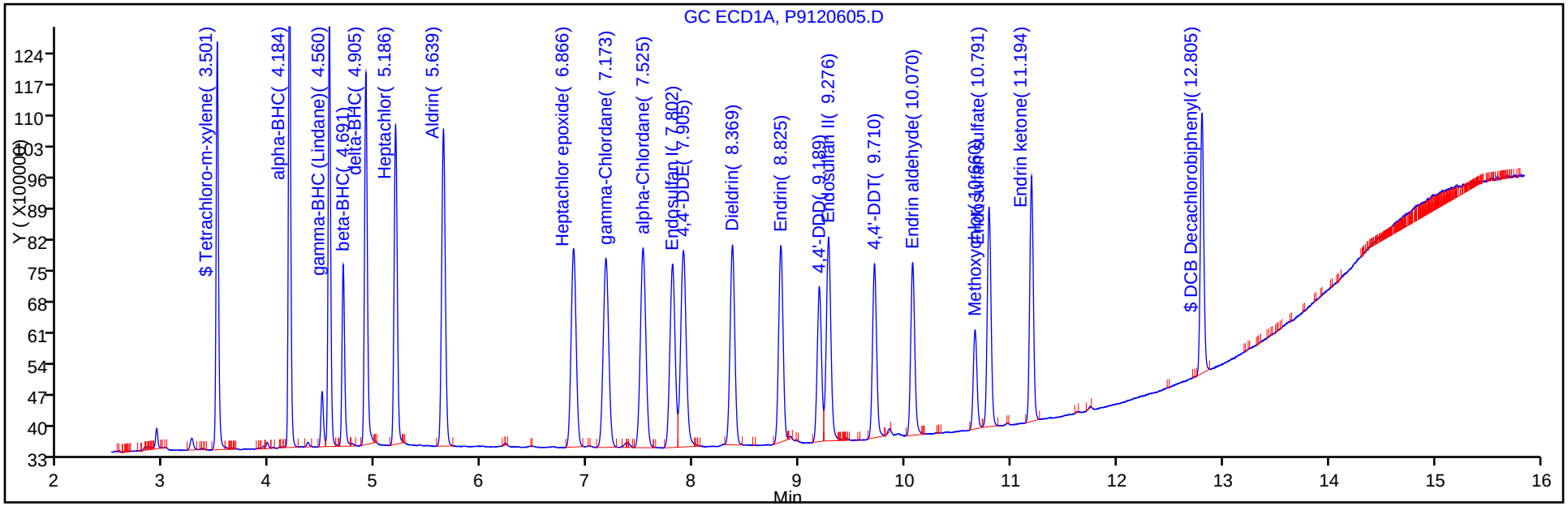
Report Date: 07-Dec-2012 10:25:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

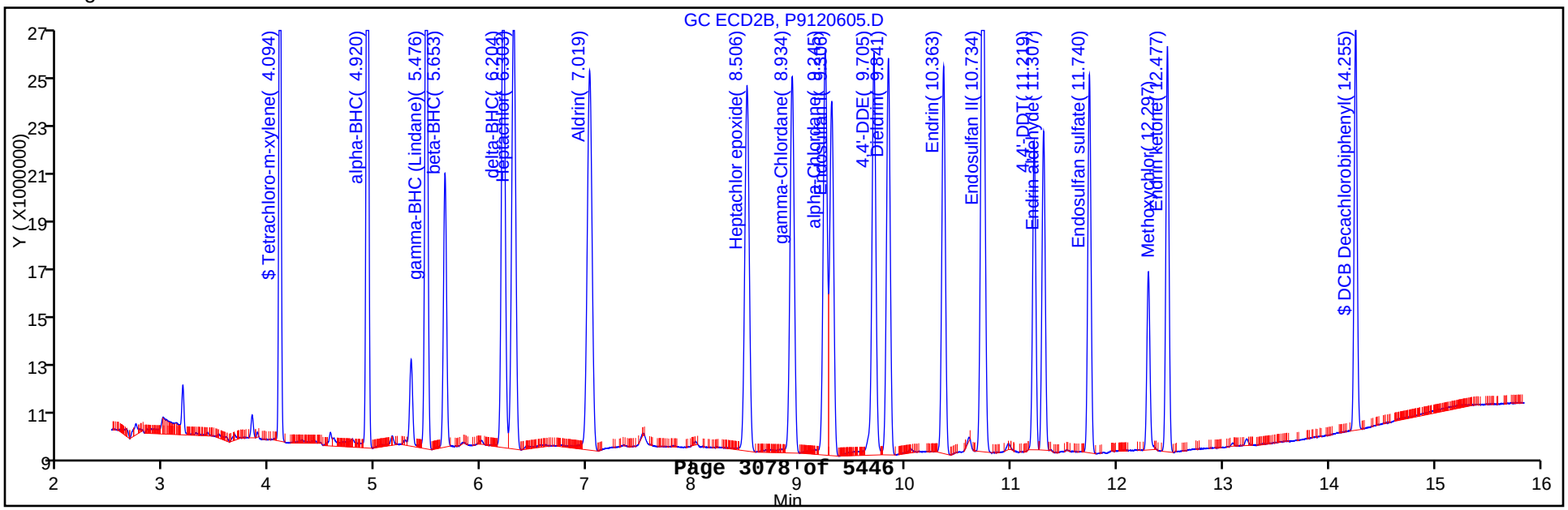
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120605.D

Injection Date:	06-Dec-2012 10:48:32	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

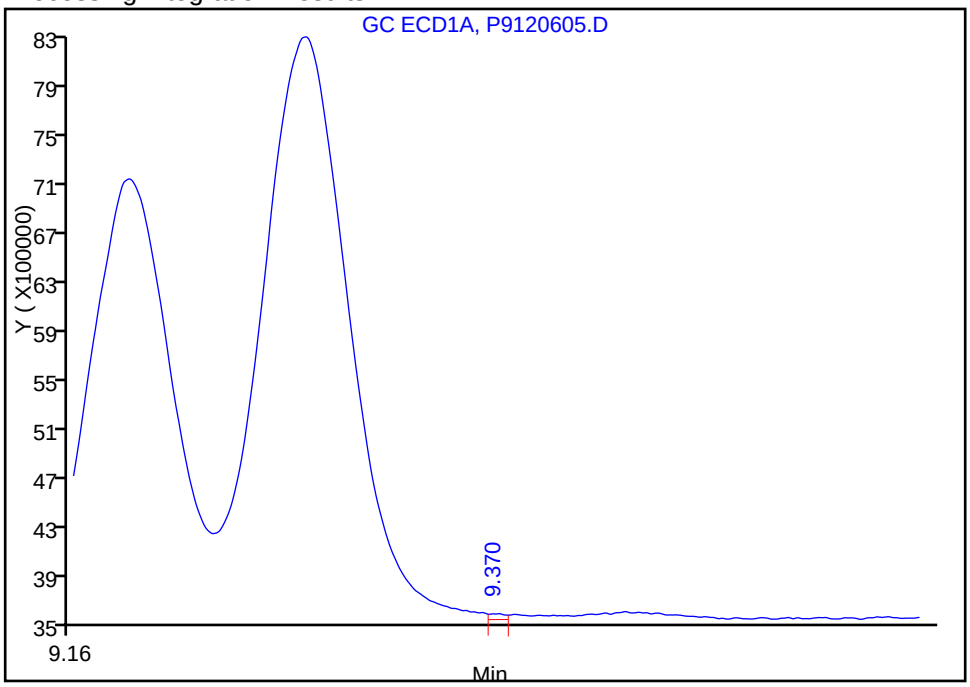
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120605.D		
Injection Date:	06-Dec-2012 10:48:32	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

15 Endosulfan II, Signal: 1, Type: quant, RT: 9.28, Det: GC ECD1A

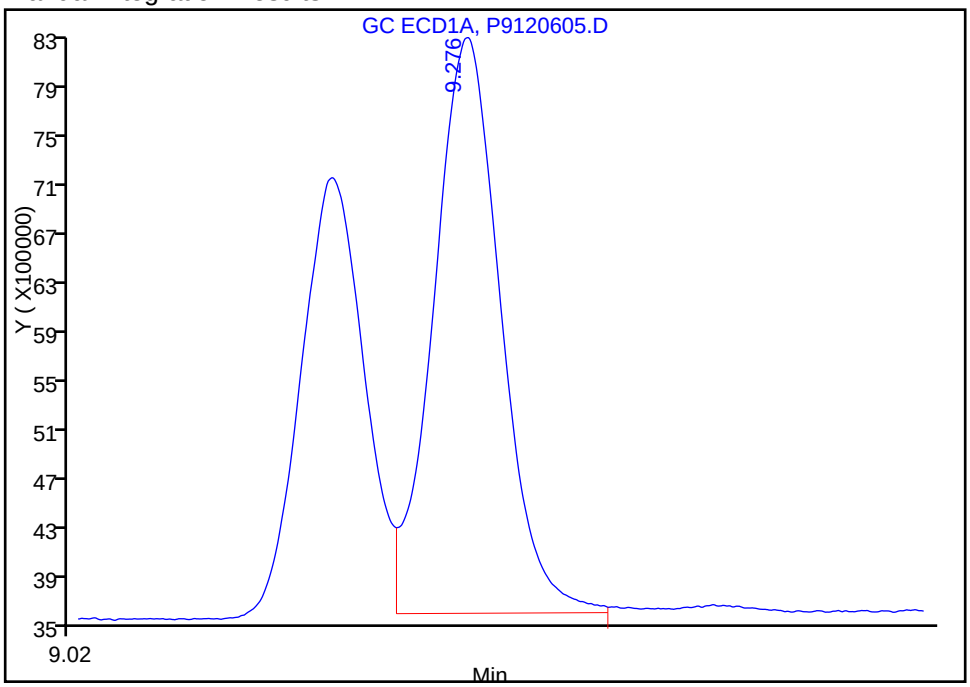
Processing Integration Results

RT: 9.37
Response: 25356
Amount: 0.005000



Manual Integration Results

RT: 9.28
Response: 13988049
Amount: 0.005927



Reviewer: vandorenc, 07-Dec-2012 07:03:15
Audit Action: Assigned Compound ID
Audit Reason:

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120606.D
Lims ID: STD AB L2 Client ID:
Inject. Date: 06-Dec-2012 11:16:36 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015581-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 67554 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:17 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:19:50

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.501	0.000	24613140	0.009496			
2	100	4.094	4.094	0.000	70475093	0.009120			
						RPD = 4.05			
5 alpha-BHC									
1	100	4.184	4.185	-0.001	29165782	0.008524			
2	100	4.920	4.921	-0.001	85874340	0.007952			
						RPD = 6.95			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	24502614	0.008409			
2	100	5.476	5.477	-0.001	73244274	0.008162			
						RPD = 2.99			
7 beta-BHC									
1	100	4.691	4.691	0.000	11183017	0.008945			
2	100	5.653	5.653	0.000	34077269	0.009033			
						RPD = 0.98			
11 delta-BHC									
1	100	4.905	4.905	0.000	25366069	0.008285			
2	100	6.203	6.204	-0.001	75355327	0.007993			
						RPD = 3.58			
22 Heptachlor									
1	100	5.186	5.187	-0.001	23308038	0.008779			
2	100	6.302	6.303	-0.001	70907569	0.008911			
						RPD = 1.50			
4 Aldrin									
1	100	5.639	5.639	0.000	28594582	0.008964			
2	100	7.019	7.021	-0.002	79062736	0.008933			
						RPD = 0.35			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.867	6.868	-0.001	22787204	0.008829			
2	100	8.506	8.506	0.000	64345850	0.008822			
						RPD = 0.08			
21 gamma-Chlordane									
1	100	7.173	7.174	-0.001	24089944	0.008572			
2	100	8.931	8.933	-0.002	64683143	0.008660			
						RPD = 1.02			
6 alpha-Chlordane									
1	100	7.525	7.526	-0.001	25620033	0.008790			
2	100	9.245	9.246	-0.001	66736139	0.008827			
						RPD = 0.42			
14 Endosulfan I									
1	100	7.802	7.803	-0.001	21691780	0.008926			
2	100	9.305	9.307	-0.002	55586925	0.008975			
						RPD = 0.54			
2 4,4'-DDE									
1	100	7.904	7.906	-0.002	26903528	0.009014			
2	100	9.704	9.706	-0.002	65969120	0.008796			
						RPD = 2.44			
13 Dieldrin									
1	100	8.367	8.367	0.000	21739995	0.008704			
2	100	9.841	9.842	-0.001	58807201	0.008638			
						RPD = 0.76			
17 Endrin									
1	100	8.825	8.827	-0.002	20343520	0.008977			
2	100	10.364	10.363	0.001	54602723	0.008631			
						RPD = 3.94			
1 4,4'-DDD									
1	100	9.188	9.188	0.000	15497061	0.008438			
2	100	10.734	10.735	-0.001	92262574	0.008551			
						RPD = 1.33			
15 Endosulfan II									
1	100	9.276	9.276	0.000	21064138	0.008926			
2	100	10.734	10.735	-0.001	92262574	0.008432			
						RPD = 5.68			
3 4,4'-DDT									
1	100	9.709	9.711	-0.002	16848678	0.008447			
2	100	11.219	11.221	-0.002	40894939	0.008297			
						RPD = 1.80			
18 Endrin aldehyde									
1	100	10.071	10.071	0.000	16055576	0.008921			
2	100	11.308	11.309	-0.001	42363447	0.008953			
						RPD = 0.36			
27 Methoxychlor									
1	100	10.659	10.661	-0.002	8455119	0.009040			
2	100	12.299	12.297	0.002	22616291	0.009088			
						RPD = 0.53			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.794	10.794	0.000	19121564	0.008810			
2	100	11.741	11.741	0.000	48559323	0.008575			
						RPD = 2.70			
19 Endrin ketone									
1	100	11.194	11.194	0.000	20038478	0.008929			
2	100	12.478	12.478	0.000	50093393	0.008684			
						RPD = 2.78			
$ 10 DCB Decachlorobiphenyl									
1	100	12.804	12.803	0.001	21299423	0.008915			
2	100	14.256	14.256	0.000	50286460	0.008766			
						RPD = 1.69			

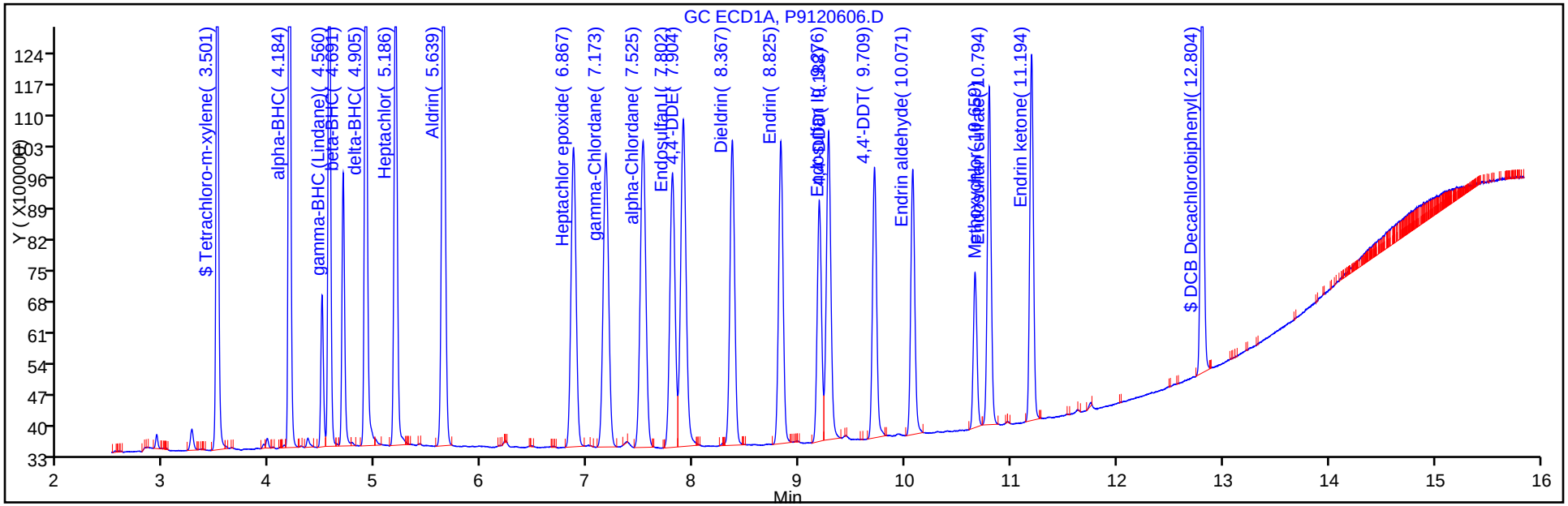
Report Date: 07-Dec-2012 10:25:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

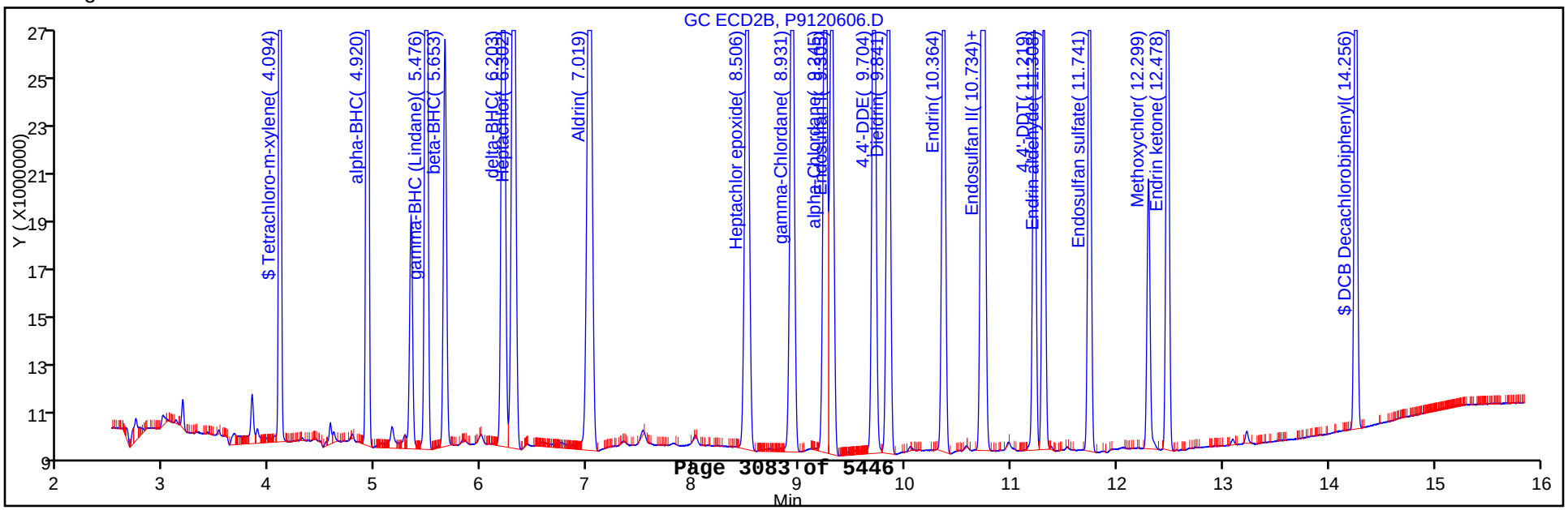
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120606.D

Injection Date:	06-Dec-2012 11:16:36	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120607.D
Lims ID: STD AB L3 Client ID:
Inject. Date: 06-Dec-2012 11:44:51 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0015581-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 67554 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:19 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:26:04

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.501	0.000	63932676	0.0247			
2	100	4.094	4.094	0.000	185444155	0.0240			
						RPD = 2.75			
5 alpha-BHC									
1	100	4.185	4.185	0.000	84130711	0.0246			
2	100	4.921	4.921	0.000	250061160	0.0232			
						RPD = 6.01			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	70861589	0.0243			
2	100	5.477	5.477	0.000	207838612	0.0232			
						RPD = 4.89			
7 beta-BHC									
1	100	4.691	4.691	0.000	30335429	0.0243			
2	100	5.653	5.653	0.000	90412982	0.0240			
						RPD = 1.23			
11 delta-BHC									
1	100	4.905	4.905	0.000	75746911	0.0247			
2	100	6.204	6.204	0.000	219625560	0.0233			
						RPD = 6.01			
22 Heptachlor									
1	100	5.187	5.187	0.000	64477984	0.0243			
2	100	6.303	6.303	0.000	186430499	0.0234			
						RPD = 3.59			
4 Aldrin									
1	100	5.639	5.639	0.000	79346718	0.0249			
2	100	7.021	7.021	0.000	211654953	0.0239			
						RPD = 3.94			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.868	6.868	0.000	63591053	0.0246			
2	100	8.506	8.506	0.000	174185100	0.0239			
						RPD = 3.12			
21 gamma-Chlordane									
1	100	7.174	7.174	0.000	68459336	0.0244			
2	100	8.933	8.933	0.000	177297141	0.0237			
						RPD = 2.59			
6 alpha-Chlordane									
1	100	7.526	7.526	0.000	71440427	0.0245			
2	100	9.246	9.246	0.000	180554580	0.0239			
						RPD = 2.60			
14 Endosulfan I									
1	100	7.803	7.803	0.000	59652874	0.0245			
2	100	9.307	9.307	0.000	148002566	0.0239			
						RPD = 2.69			
2 4,4'-DDE									
1	100	7.906	7.906	0.000	73603854	0.0247			
2	100	9.706	9.706	0.000	179746847	0.0240			
						RPD = 2.85			
13 Dieldrin									
1	100	8.367	8.367	0.000	61995207	0.0248			
2	100	9.842	9.842	0.000	162706012	0.0239			
						RPD = 3.78			
17 Endrin									
1	100	8.827	8.827	0.000	54130681	0.0239			
2	100	10.363	10.363	0.000	150909002	0.0239			
						RPD = 0.14			
1 4,4'-DDD									
1	100	9.188	9.188	0.000	44778806	0.0244			
2	100	10.735	10.735	0.000	260095462	0.0241			
						RPD = 1.14			
15 Endosulfan II									
1	100	9.276	9.276	0.000	59048092	0.0250			
2	100	10.735	10.735	0.000	260095462	0.0238			
						RPD = 5.12			
3 4,4'-DDT									
1	100	9.711	9.711	0.000	48537766	0.0243			
2	100	11.221	11.221	0.000	116045447	0.0235			
						RPD = 3.31			
18 Endrin aldehyde									
1	100	10.071	10.071	0.000	44486485	0.0247			
2	100	11.309	11.309	0.000	114759530	0.0243			
						RPD = 1.90			
27 Methoxychlor									
1	100	10.661	10.661	0.000	23626549	0.0253			
2	100	12.297	12.297	0.000	61155478	0.0246			
						RPD = 2.76			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.794	10.794	0.000	54190109	0.0250			
2	100	11.741	11.741	0.000	134229880	0.0237			
						RPD = 5.19			
19 Endrin ketone									
1	100	11.194	11.194	0.000	55602516	0.0248			
2	100	12.478	12.478	0.000	138377790	0.0240			
						RPD = 3.23			
$ 10 DCB Decachlorobiphenyl									
1	100	12.803	12.803	0.000	60286789	0.0252			
2	100	14.256	14.256	0.000	137380160	0.0239			
						RPD = 5.23			

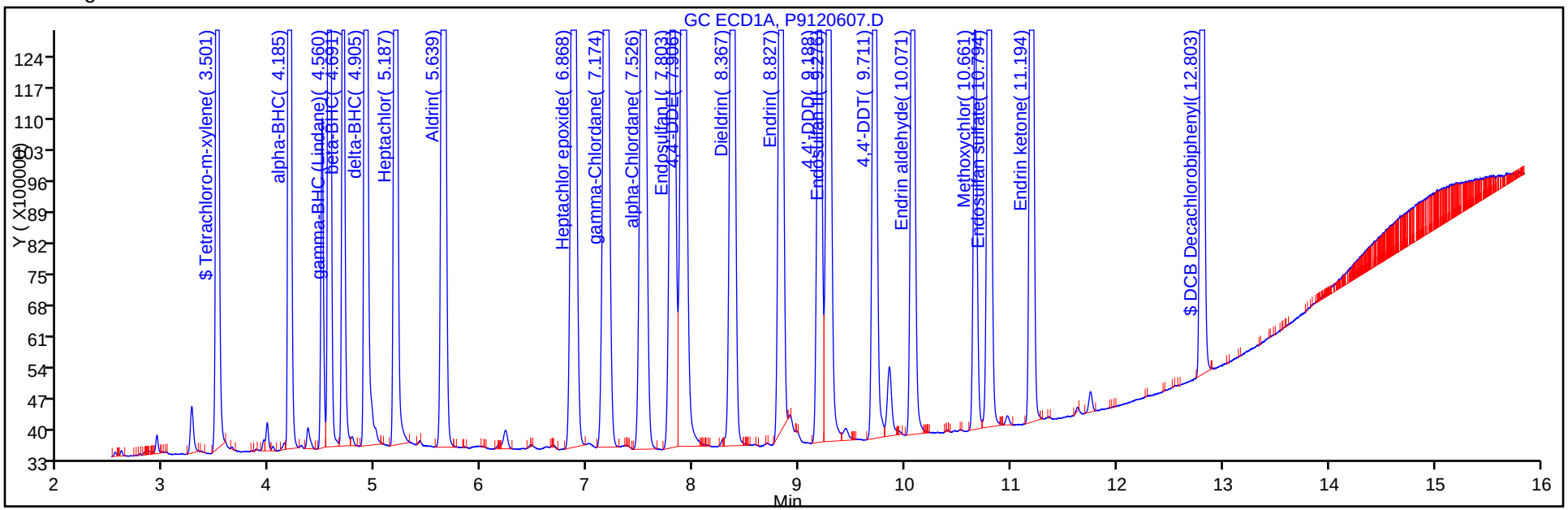
Report Date: 07-Dec-2012 10:25:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

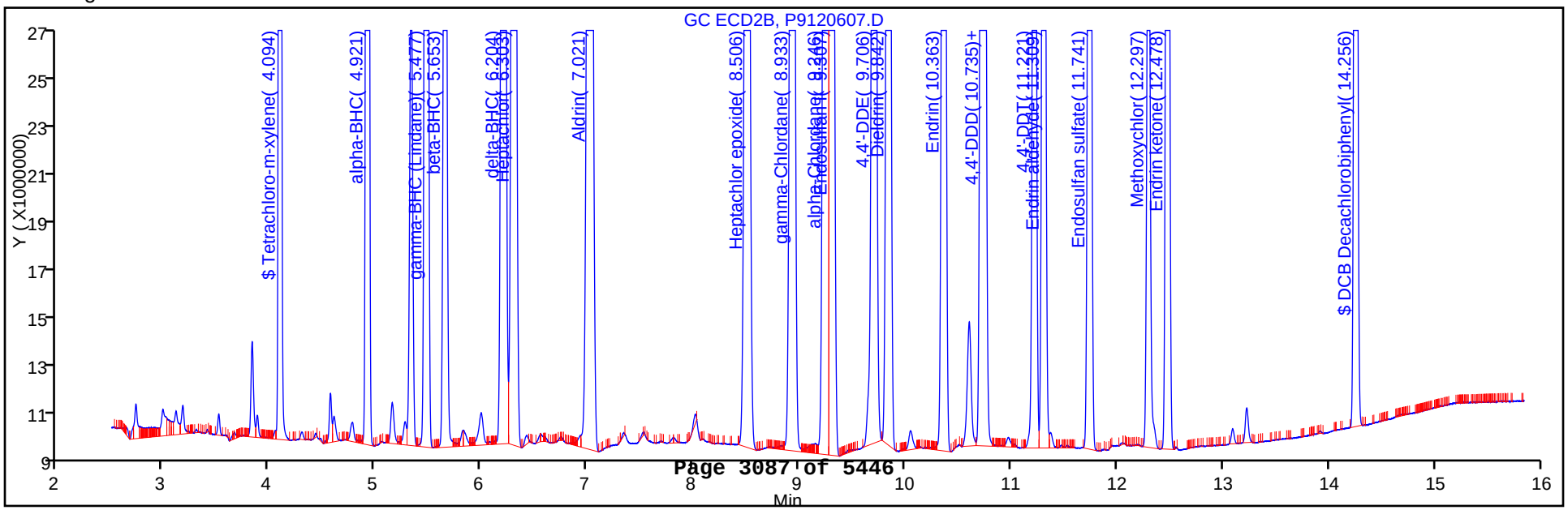
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120607.D

Injection Date:	06-Dec-2012 11:44:51	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120608.D
Lims ID: STD AB L4 Client ID:
Inject. Date: 06-Dec-2012 12:12:38 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015581-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 67554 Lims Sample ID: 8
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:22 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:26:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.502	3.501	0.001	131802756	0.0509			
2	100	4.093	4.094	-0.001	387464841	0.0501			
						RPD = 1.41			
5 alpha-BHC									
1	100	4.184	4.185	-0.001	177851517	0.0520			
2	100	4.920	4.921	-0.001	552155267	0.0511			
						RPD = 1.66			
20 gamma-BHC (Lindane)									
1	100	4.561	4.560	0.001	152657329	0.0524			
2	100	5.476	5.477	-0.001	462340943	0.0515			
						RPD = 1.68			
7 beta-BHC									
1	100	4.692	4.691	0.001	63075721	0.0505			
2	100	5.652	5.653	-0.001	186094681	0.0493			
						RPD = 2.25			
11 delta-BHC									
1	100	4.905	4.905	0.000	162006748	0.0529			
2	100	6.203	6.204	-0.001	484762669	0.0514			
						RPD = 2.86			
22 Heptachlor									
1	100	5.188	5.187	0.001	138955262	0.0523			
2	100	6.302	6.303	-0.001	399191472	0.0502			
						RPD = 4.23			
4 Aldrin									
1	100	5.638	5.639	-0.001	162793986	0.0510			
2	100	7.019	7.021	-0.002	438753317	0.0496			
						RPD = 2.91			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.867	6.868	-0.001	132925527	0.0515			
2	100	8.506	8.506	0.000	366485047	0.0502			
						RPD = 2.47			
21 gamma-Chlordane									M
1	100	7.173	7.174	-0.001	144974129	0.0516			
2	100	8.933	8.933	0.000	372619183	0.0499			M
						RPD = 3.35			
6 alpha-Chlordane									
1	100	7.525	7.526	-0.001	148322118	0.0509			
2	100	9.245	9.246	-0.001	373127716	0.0494			
						RPD = 3.07			
14 Endosulfan I									
1	100	7.801	7.803	-0.002	124814651	0.0514			
2	100	9.307	9.307	0.000	310192672	0.0501			
						RPD = 2.52			
2 4,4'-DDE									
1	100	7.907	7.906	0.001	152200633	0.0510			
2	100	9.705	9.706	-0.001	368047018	0.0491			
						RPD = 3.84			
13 Dieldrin									
1	100	8.368	8.367	0.001	129848031	0.0520			
2	100	9.841	9.842	-0.001	345916217	0.0508			
						RPD = 2.28			
17 Endrin									
1	100	8.826	8.827	-0.001	117753602	0.0520			
2	100	10.363	10.363	0.000	322555035	0.0510			
						RPD = 1.90			
1 4,4'-DDD									
1	100	9.190	9.188	0.002	96219526	0.0524			
2	100	10.733	10.735	-0.002	566789449	0.0525			
						RPD = 0.26			
15 Endosulfan II									
1	100	9.278	9.276	0.002	122208688	0.0518			
2	100	10.733	10.735	-0.002	566789449	0.0518			
						RPD = 0.04			
3 4,4'-DDT									
1	100	9.710	9.711	-0.001	103796522	0.0520			
2	100	11.219	11.221	-0.002	254526637	0.0516			
						RPD = 0.78			
18 Endrin aldehyde									
1	100	10.070	10.071	-0.001	93048531	0.0517			
2	100	11.308	11.309	-0.001	239958508	0.0507			
						RPD = 1.93			
27 Methoxychlor									
1	100	10.661	10.661	0.000	47810155	0.0511			
2	100	12.298	12.297	0.001	126055931	0.0507			
						RPD = 0.91			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.794	10.794	0.000	112794367	0.0520			
2	100	11.741	11.741	0.000	286587649	0.0506			
						RPD = 2.65			
19 Endrin ketone									
1	100	11.193	11.194	-0.001	115942992	0.0517			
2	100	12.478	12.478	0.000	294457574	0.0510			
						RPD = 1.20			
$ 10 DCB Decachlorobiphenyl									
1	100	12.806	12.803	0.003	121142231	0.0507			
2	100	14.256	14.256	0.000	281368183	0.0490			
						RPD = 3.32			

QC Flag Legend

Review Flags
M - Manually Integrated

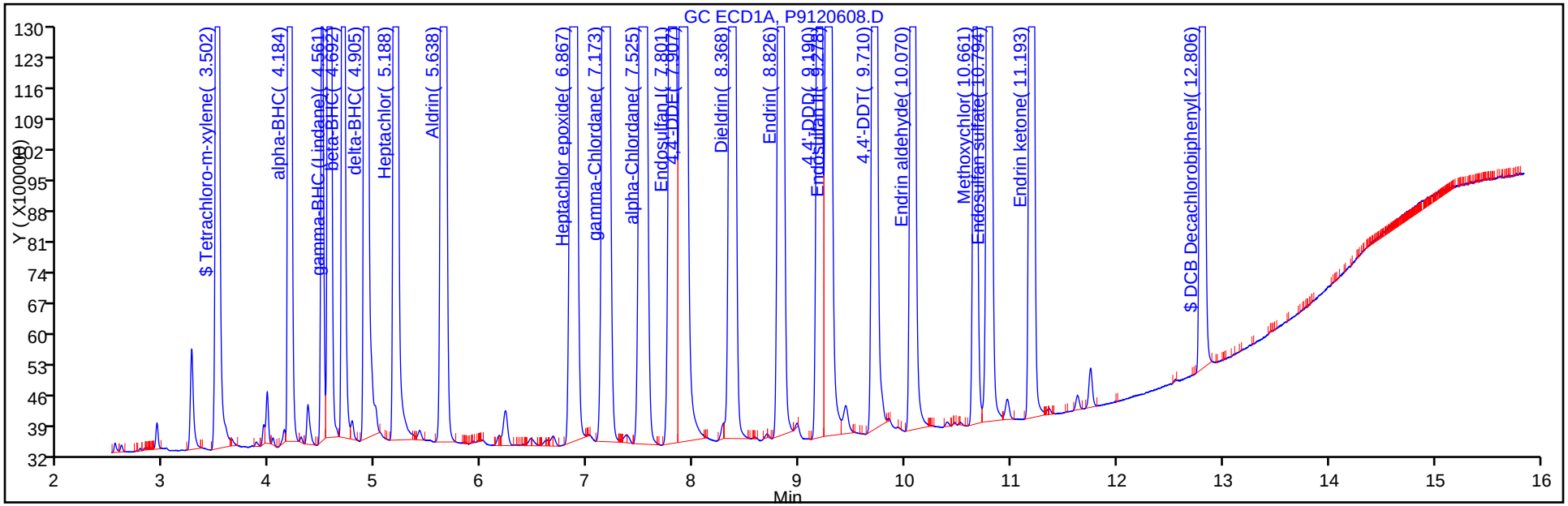
Report Date: 07-Dec-2012 10:25:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

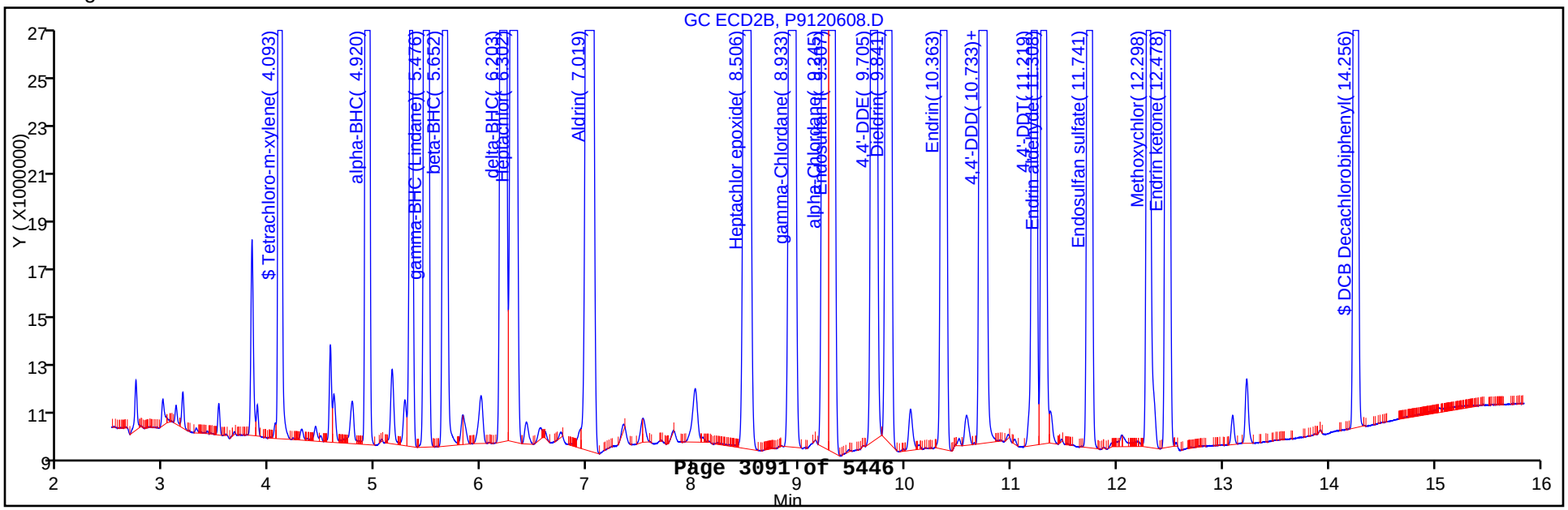
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120608.D

Injection Date:	06-Dec-2012 12:12:38	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	8
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120609.D		
Lims ID:	STD AB L5	Client ID:	
Inject. Date:	06-Dec-2012 12:40:38	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015581-009		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	67554	Lims Sample ID:	9
Sublist:	chrom-PEST9*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m		
Last Update:	07-Dec-2012 10:25:24	Calib Date:	06-Dec-2012 18:34:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		
First Level Reviewer: vandorenc		Date:	07-Dec-2012 07:27:22

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.502	3.501	0.001	252469371	0.0974			
2	100	4.094	4.094	0.000	778482872	0.1007			
						RPD = 3.36			
5 alpha-BHC									
1	100	4.184	4.185	-0.001	363761372	0.1063			
2	100	4.921	4.921	0.000	1203951082	0.1115			
						RPD = 4.74			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	307724468	0.1056			
2	100	5.477	5.477	0.000	972381650	0.1084			
						RPD = 2.56			
7 beta-BHC									
1	100	4.692	4.691	0.001	125572040	0.1004			
2	100	5.654	5.653	0.001	374548030	0.0993			
						RPD = 1.16			
11 delta-BHC									
1	100	4.906	4.905	0.001	322735244	0.1054			
2	100	6.204	6.204	0.000	1030583118	0.1093			
						RPD = 3.64			
22 Heptachlor									
1	100	5.187	5.187	0.000	274470120	0.1034			
2	100	6.303	6.303	0.000	809943910	0.1018			
						RPD = 1.55			
4 Aldrin									
1	100	5.638	5.639	-0.001	323822078	0.1015			
2	100	7.022	7.021	0.001	908787749	0.1027			
						RPD = 1.14			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.868	6.868	0.000	260252929	0.1008			
2	100	8.507	8.506	0.001	738205385	0.1012			
						RPD = 0.37			
21 gamma-Chlordane									
1	100	7.172	7.174	-0.002	290862719	0.1035			
2	100	8.933	8.933	0.000	766533947	0.1026			
						RPD = 0.84			
6 alpha-Chlordane									
1	100	7.524	7.526	-0.002	296877313	0.1019			
2	100	9.247	9.246	0.001	761707887	0.1007			
						RPD = 1.10			
14 Endosulfan I									
1	100	7.803	7.803	0.000	241906743	0.0995			
2	100	9.307	9.307	0.000	616612363	0.0996			
						RPD = 0.01			
2 4,4'-DDE									
1	100	7.905	7.906	-0.001	303667144	0.1017			
2	100	9.705	9.706	-0.001	765391531	0.1021			
						RPD = 0.31			
13 Dieldrin									
1	100	8.368	8.367	0.001	253687553	0.1016			
2	100	9.842	9.842	0.000	699363556	0.1027			
						RPD = 1.14			
17 Endrin									
1	100	8.827	8.827	0.000	230054439	0.1015			
2	100	10.364	10.363	0.001	654466776	0.1034			
						RPD = 1.88			
1 4,4'-DDD									
1	100	9.190	9.188	0.002	191419201	0.1042			
2	100	10.733	10.735	-0.002	1153197812	0.1069			
						RPD = 2.51			
15 Endosulfan II									
1	100	9.277	9.276	0.001	229772862	0.0974			
2	100	10.733	10.735	-0.002	1153197812	0.1054			
						RPD = 7.93			
3 4,4'-DDT									
1	100	9.711	9.711	0.000	213059684	0.1068			
2	100	11.221	11.221	0.000	528782263	0.1073			
						RPD = 0.43			
18 Endrin aldehyde									
1	100	10.070	10.071	-0.001	180838964	0.1005			
2	100	11.308	11.309	-0.001	476312177	0.1007			
						RPD = 0.18			
27 Methoxychlor									
1	100	10.661	10.661	0.000	92759875	0.0992			
2	100	12.298	12.297	0.001	246543586	0.0991			
						RPD = 0.11			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.795	10.794	0.001	218386146	0.1006			
2	100	11.742	11.741	0.001	587148869	0.1037			
						RPD = 3.00			
19 Endrin ketone									
1	100	11.195	11.194	0.001	223931316	0.0998			
2	100	12.479	12.478	0.001	595555244	0.1032			
						RPD = 3.41			
$ 10 DCB Decachlorobiphenyl									
1	100	12.804	12.803	0.001	240678545	0.1007			
2	100	14.256	14.256	0.000	583335794	0.1017			
						RPD = 0.94			

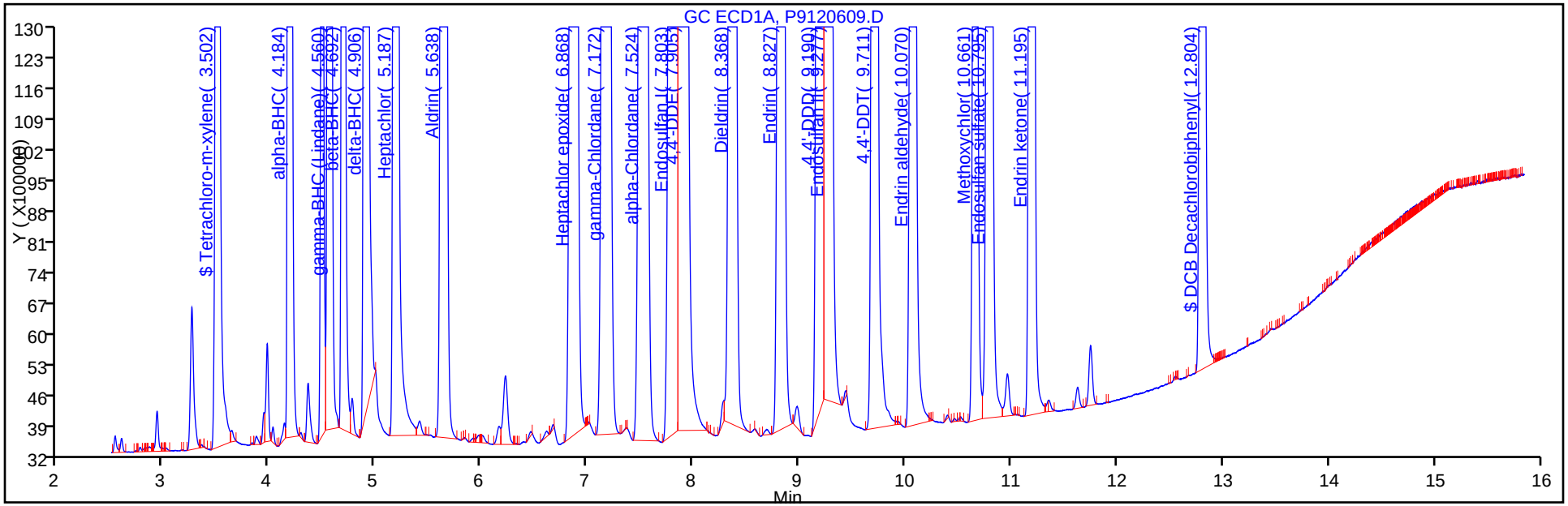
Report Date: 07-Dec-2012 10:25:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

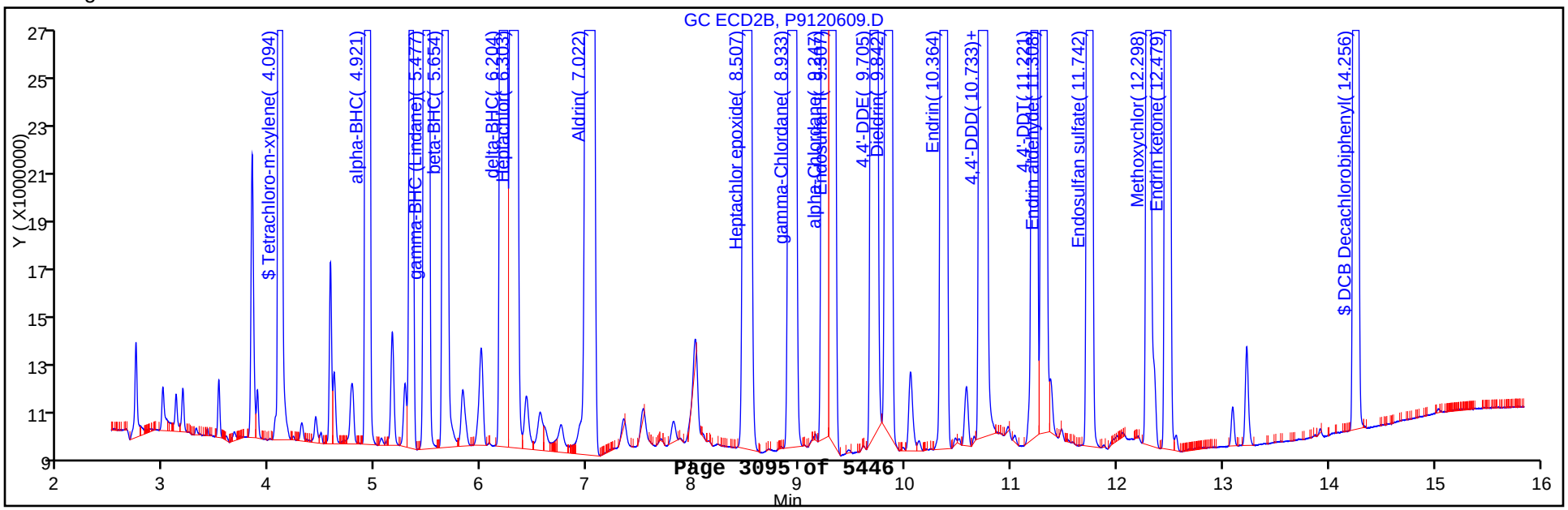
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120609.D

Injection Date:	06-Dec-2012 12:40:38	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	9
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120610.D
Lims ID: STD AB L6 Client ID:
Inject. Date: 06-Dec-2012 13:08:23 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015581-010
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 67554 Lims Sample ID: 10
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:26 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:27:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.503	3.501	0.002	487978020	0.1883			
2	100	4.096	4.094	0.002	1598464028	0.2068			
						RPD = 9.40			
5 alpha-BHC									
1	100	4.185	4.185	0.000	693119959	0.2026			
2	100	4.923	4.921	0.002	2487778002	0.2304			
						RPD = 12.83			
20 gamma-BHC (Lindane)									
1	100	4.561	4.560	0.001	575212619	0.1974			
2	100	5.478	5.477	0.001	1914250880	0.2133			
						RPD = 7.74			
7 beta-BHC									
1	100	4.693	4.691	0.002	235116077	0.1881			
2	100	5.654	5.653	0.001	718065091	0.1903			
						RPD = 1.21			
11 delta-BHC									
1	100	4.906	4.905	0.001	628688615	0.2053			
2	100	6.207	6.204	0.003	2087692496	0.2214			
						RPD = 7.55			
22 Heptachlor									
1	100	5.188	5.187	0.001	497458208	0.1874			
2	100	6.304	6.303	0.001	1517604652	0.1907			
						RPD = 1.78			
4 Aldrin									
1	100	5.639	5.639	0.000	620289032	0.1945			
2	100	7.022	7.021	0.001	1811910760	0.2047			
						RPD = 5.14			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.868	6.868	0.000	478612387	0.1854			
2	100	8.508	8.506	0.002	1409684486	0.1933			
						RPD = 4.13			
21 gamma-Chlordane									
1	100	7.174	7.174	0.000	555416772	0.1976			
2	100	8.934	8.933	0.001	1519945472	0.2035			
						RPD = 2.93			
6 alpha-Chlordane									
1	100	7.524	7.526	-0.002	568033832	0.1949			
2	100	9.246	9.246	0.000	1524053700	0.2016			
						RPD = 3.37			
14 Endosulfan I									
1	100	7.803	7.803	0.000	445494948	0.1833			
2	100	9.307	9.307	0.000	1160872124	0.1874			
						RPD = 2.22			
2 4,4'-DDE									
1	100	7.904	7.906	-0.002	582369937	0.1951			
2	100	9.706	9.706	0.000	1535411103	0.2047			
						RPD = 4.81			
13 Dieldrin									
1	100	8.368	8.367	0.001	474180379	0.1898			
2	100	9.842	9.842	0.000	1338874831	0.1967			
						RPD = 3.53			
17 Endrin									
1	100	8.825	8.827	-0.002	423108430	0.1867			
2	100	10.363	10.363	0.000	1241583414	0.1962			
						RPD = 4.98			
1 4,4'-DDD									
1	100	9.189	9.188	0.001	368798575	0.2008			
2	100	10.733	10.735	-0.002	2221481176	0.2059			
						RPD = 2.50			
15 Endosulfan II									
1	100	9.277	9.276	0.001	430393451	0.1824			
2	100	10.733	10.735	-0.002	2221481176	0.2030			
						RPD = 10.72			
3 4,4'-DDT									
1	100	9.712	9.711	0.001	398854603	0.2000			
2	100	11.221	11.221	0.000	1050500547	0.2131			
						RPD = 6.37			
18 Endrin aldehyde									
1	100	10.072	10.071	0.001	328331785	0.1824			
2	100	11.307	11.309	-0.002	895699396	0.1893			
						RPD = 3.69			
27 Methoxychlor									
1	100	10.661	10.661	0.000	166416890	0.1779			
2	100	12.297	12.297	0.000	468220707	0.1881			
						RPD = 5.58			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.795	10.794	0.001	399881410	0.1842			
2	100	11.741	11.741	0.000	1152872286	0.2036			
						RPD = 9.98			
19 Endrin ketone									
1	100	11.193	11.194	-0.001	407988296	0.1818			
2	100	12.479	12.478	0.001	1130366463	0.1960			
						RPD = 7.50			
$ 10 DCB Decachlorobiphenyl									
1	100	12.805	12.803	0.002	460241659	0.1926			
2	100	14.256	14.256	0.000	1193888763	0.2081			
						RPD = 7.72			

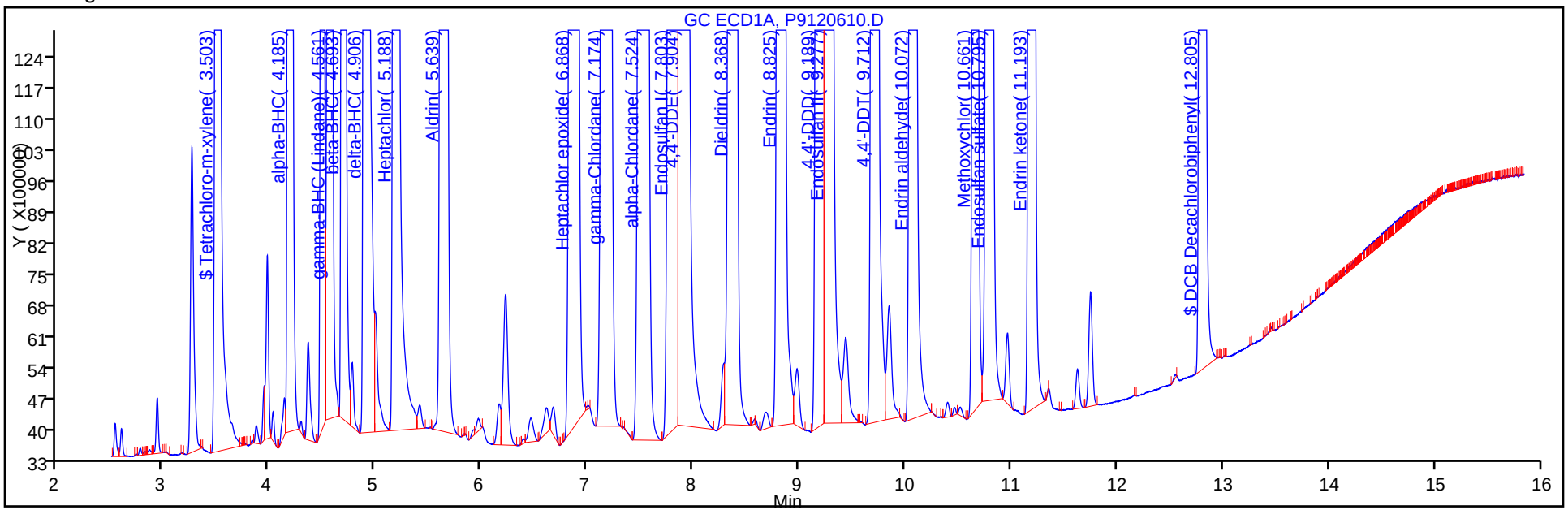
Report Date: 07-Dec-2012 10:25:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

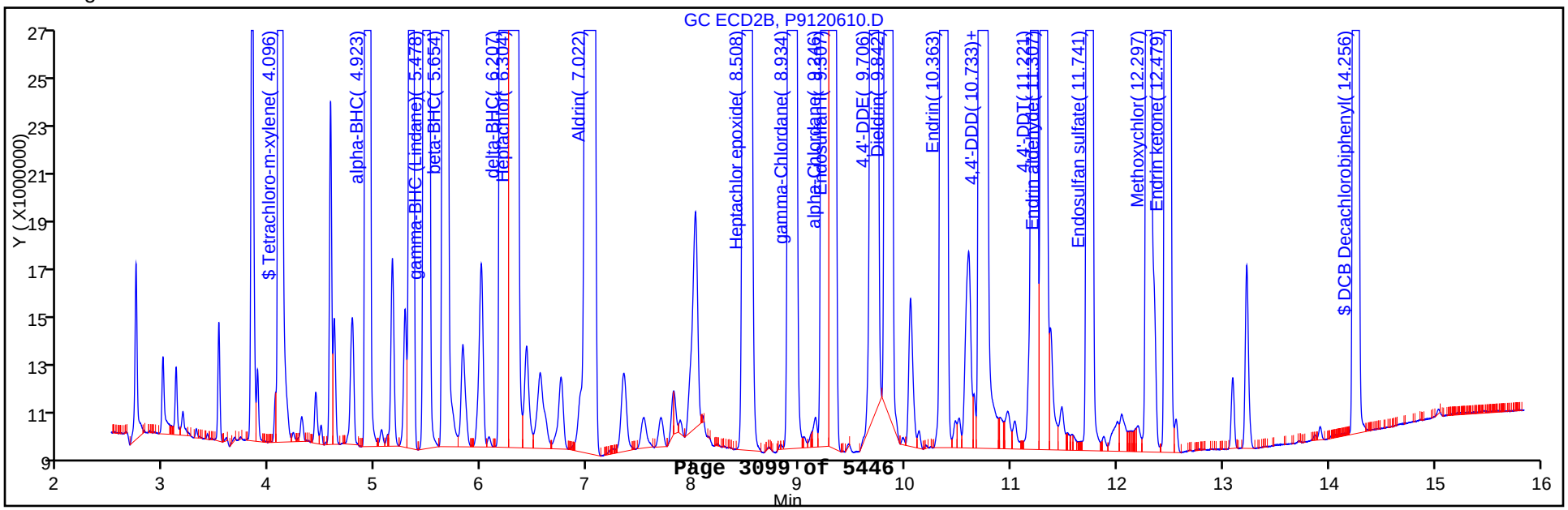
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120610.D

Injection Date:	06-Dec-2012 13:08:23	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	10
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12707

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67554/5	P9120605.D
Level 2	STD 240-67554/6	P9120606.D
Level 3	STD 240-67554/7	P9120607.D
Level 4	STD 240-67554/8	P9120608.D
Level 5	STD 240-67554/9	P9120609.D
Level 6	STD 240-67554/10	P9120610.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
alpha-BHC	4.920	4.920	4.921	4.920	4.921	4.923					4.891 - 4.951	4.921
gamma-BHC (Lindane)	5.476	5.476	5.477	5.476	5.477	5.478					5.447 - 5.507	5.477
beta-BHC	5.653	5.653	5.653	5.652	5.654	5.654					5.623 - 5.683	5.653
delta-BHC	6.204	6.203	6.204	6.203	6.204	6.207					6.174 - 6.234	6.204
Heptachlor	6.303	6.302	6.303	6.302	6.303	6.304					6.268 - 6.338	6.303
Aldrin	7.019	7.019	7.021	7.019	7.022	7.022					6.991 - 7.051	7.020
Heptachlor epoxide	8.506	8.506	8.506	8.506	8.507	8.508					8.476 - 8.536	8.507
gamma-Chlordane	8.934	8.931	8.933	8.933	8.933	8.934					8.903 - 8.963	8.933
alpha-Chlordane	9.245	9.245	9.246	9.245	9.247	9.246					9.216 - 9.276	9.246
Endosulfan I	9.306	9.305	9.307	9.307	9.307	9.307					9.277 - 9.337	9.307
4,4'-DDE	9.705	9.704	9.706	9.705	9.705	9.706					9.676 - 9.736	9.705
Dieldrin	9.841	9.841	9.842	9.841	9.842	9.842					9.812 - 9.872	9.842
Endrin	10.363	10.364	10.363	10.363	10.364	10.363					10.333 - 10.393	10.363
4,4'-DDD	10.734	10.734	10.735	10.733	10.733	10.733					10.705 - 10.765	10.734
Endosulfan II	10.734	10.734	10.735	10.733	10.733	10.733					10.705 - 10.765	10.734
4,4'-DDT	11.219	11.219	11.221	11.219	11.221	11.221					11.191 - 11.251	11.220
Endrin aldehyde	11.307	11.308	11.309	11.308	11.308	11.307					11.279 - 11.339	11.308
Endosulfan sulfate	11.740	11.741	11.741	11.741	11.742	11.741					11.711 - 11.771	11.741
Methoxychlor	12.297	12.299	12.297	12.298	12.298	12.297					12.267 - 12.327	12.298
Endrin ketone	12.477	12.478	12.478	12.478	12.479	12.479					12.448 - 12.508	12.478
Tetrachloro-m-xylene	4.094	4.094	4.094	4.093	4.094	4.096					4.064 - 4.124	4.094
DCB Decachlorobiphenyl	14.255	14.256	14.256	14.256	14.256	14.256					14.226 - 14.286	14.256

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12707

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67554/5	P9120605.D
Level 2	STD 240-67554/6	P9120606.D
Level 3	STD 240-67554/7	P9120607.D
Level 4	STD 240-67554/8	P9120608.D
Level 5	STD 240-67554/9	P9120609.D
Level 6	STD 240-67554/10	P9120610.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								
alpha-BHC	1068578820 12039510820	8587434000 1243889001 0	10002446400	11043105340	Ave		1.07995 E+010				13.0		20.0			
gamma-BHC (Lindane)	9664980200 9723816500	7324427400 9571254400	8313544480	9246818860	Ave		8974140307				11.0		20.0			
beta-BHC	4552621600 3745480300	3407726900 3590325455	3616519280	3721893620	Ave		3772427859				11.0		20.0			
delta-BHC	9805310000 10305831180	7535532700 1043846248 0	8785022400	9695253380	Ave		9427568690				12.0		20.0			
Heptachlor	9522777600 8099439100	7090756900 7588023260	7457219960	7983829440	Ave		7957007710				11.0		20.0			
Aldrin	9807227000 9087877490	7906273600 9059553800	8466198120	8775066340	Ave		8850366058				7.3		20.0			
Heptachlor epoxide	8601981000 7382053850	6434585000 7048422430	6967404000	7329700940	Ave		7294024537				9.9		20.0			
gamma-Chlordane	8536575000 7665339470	6468314300 7599727360	7091885640	7452383660	Ave		7469037572				9.2		20.0			
alpha-Chlordane	8767565400 7617078870	6673613900 7620268500	7222183200	7462554320	Ave		7560544032				9.1		20.0			
Endosulfan I	7509767600 6166123630	5558692500 5804360620	5920102640	6203853440	Ave		6193816738				11.0		20.0			
4,4'-DDE	8518951600 7653915310	6596912000 7677055515	7189873880	7360940360	Ave		7499608111				8.5		20.0			
Dieldrin	7850140600 6993635560	5880720100 6694374155	6508240480	6918324340	Ave		6807572539				9.5		20.0			
Endrin	7259526600 6544667760	5460272300 6207917070	6036360080	6451100700	Ave		6326640752				9.4		20.0			
4,4'-DDD	1113468520 11531978120	9226257400 1110740588 0	10403818480	11335788980	Ave		1.079 E+010				7.9		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12707

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								
Endosulfan II	1204269180 1153197812 0	9226257400 1110740588 0	1040381848 0	1133578898 0	Ave		1.09413 E+010				9.1		20.0			
4,4'-DDT	5212088200 5287822630	4089493900 5252502735	4641817880	5090532740	Ave		4929043014				9.6		20.0			
Endrin aldehyde	5522969000 4763121770	4236344700 4478496980	4590381200	4799170160	Ave		4731747302				9.3		20.0			
Endosulfan sulfate	6384565000 5871488690	4855932300 5764361430	5369195200	5731752980	Ave		5662882600				9.1		20.0			
Methoxychlor	2896262200 2465435860	2261629100 2341103535	2446219120	2521118620	Ave		2488628073				8.9		20.0			
Endrin ketone	6568304200 5955552440	5009339300 5651832315	5535111600	5889151480	Ave		5768215223				9.0		20.0			
Tetrachloro-m-xylene	8375989400 7784828720	7047509300 7992320140	7417766200	7749296820	Ave		7727951763				5.9		20.0			
DCB Decachlorobiphenyl	6466248600 5833357940	5028646000 5969443815	5495206400	5627363660	Ave		5736711069				8.4		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12707

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67554/5	P9120605.D
Level 2	STD 240-67554/6	P9120606.D
Level 3	STD 240-67554/7	P9120607.D
Level 4	STD 240-67554/8	P9120608.D
Level 5	STD 240-67554/9	P9120609.D
Level 6	STD 240-67554/10	P9120610.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
alpha-BHC	Ave	53428941 2487778002	85874340	250061160	552155267	1203951082	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-BHC (Lindane)	Ave	48324901 1914250880	73244274	207838612	462340943	972381650	0.00500 0.200	0.0100	0.0250	0.0500	0.100
beta-BHC	Ave	22763108 718065091	34077269	90412982	186094681	374548030	0.00500 0.200	0.0100	0.0250	0.0500	0.100
delta-BHC	Ave	49026550 2087692496	75355327	219625560	484762669	1030583118	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor	Ave	47613888 1517604652	70907569	186430499	399191472	809943910	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Aldrin	Ave	49036135 1811910760	79062736	211654953	438753317	908787749	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor epoxide	Ave	43009905 1409684486	64345850	174185100	366485047	738205385	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-Chlordane	Ave	42682875 1519945472	64683143	177297141	372619183	766533947	0.00500 0.200	0.0100	0.0250	0.0500	0.100
alpha-Chlordane	Ave	43837827 1524053700	66736139	180554580	373127716	761707887	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan I	Ave	37548838 1160872124	55586925	148002566	310192672	616612363	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDE	Ave	42594758 1535411103	65969120	179746847	368047018	765391531	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Dieldrin	Ave	39250703 1338874831	58807201	162706012	345916217	699363556	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin	Ave	36297633 1241583414	54602723	150909002	322555035	654466776	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDD	Ave	55673426 2221481176	92262574	260095462	566789449	1153197812	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan II	Ave	60213459 2221481176	92262574	260095462	566789449	1153197812	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDT	Ave	26060441 1050500547	40894939	116045447	254526637	528782263	0.00500 0.200	0.0100	0.0250	0.0500	0.100

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 10:48 Calibration End Date: 12/06/2012 13:08 Calibration ID: 12707

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
Endrin aldehyde	Ave	27614845 895699396	42363447	114759530	239958508	476312177	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan sulfate	Ave	31922825 1152872286	48559323	134229880	286587649	587148869	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Methoxychlor	Ave	14481311 468220707	22616291	61155478	126055931	246543586	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin ketone	Ave	32841521 1130366463	50093393	138377790	294457574	595555244	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Tetrachloro-m-xylene	Ave	41879947 1598464028	70475093	185444155	387464841	778482872	0.00500 0.200	0.0100	0.0250	0.0500	0.100
DCB Decachlorobiphenyl	Ave	32331243 1193888763	50286460	137380160	281368183	583335794	0.00500 0.200	0.0100	0.0250	0.0500	0.100

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120605.D
Lims ID: STD AB L1 Client ID:
Inject. Date: 06-Dec-2012 10:48:32 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015581-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 67554 Lims Sample ID: 5
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:15 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:03:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.501	0.000	14660016	0.005656			
2	100	4.094	4.094	0.000	41879947	0.005419			
						RPD = 4.28			
5 alpha-BHC									
1	100	4.184	4.185	-0.001	17932777	0.005241			
2	100	4.920	4.921	-0.001	53428941	0.004947			
						RPD = 5.77			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	15957203	0.005476			
2	100	5.476	5.477	-0.001	48324901	0.005385			
						RPD = 1.69			
7 beta-BHC									
1	100	4.691	4.691	0.000	7384057	0.005906			
2	100	5.653	5.653	0.000	22763108	0.006034			
						RPD = 2.14			
11 delta-BHC									
1	100	4.905	4.905	0.000	15965507	0.005214			
2	100	6.204	6.204	0.000	49026550	0.005200			
						RPD = 0.27			
22 Heptachlor									
1	100	5.186	5.187	-0.001	15045101	0.005667			
2	100	6.303	6.303	0.000	47613888	0.005984			
						RPD = 5.45			
4 Aldrin									
1	100	5.639	5.639	0.000	17548700	0.005502			
2	100	7.019	7.021	-0.002	49036135	0.005541			
						RPD = 0.71			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.866	6.868	-0.002	15046226	0.005830			
2	100	8.506	8.506	0.000	43009905	0.005897			
						RPD = 1.14			
21 gamma-Chlordane									
1	100	7.173	7.174	-0.001	15647756	0.005568			
2	100	8.934	8.933	0.001	42682875	0.005715			
						RPD = 2.60			
6 alpha-Chlordane									
1	100	7.525	7.526	-0.001	16462324	0.005648			
2	100	9.245	9.246	-0.001	43837827	0.005798			
						RPD = 2.62			
14 Endosulfan I									
1	100	7.802	7.803	-0.001	14414880	0.005932			
2	100	9.306	9.307	-0.001	37548838	0.006062			
						RPD = 2.18			
2 4,4'-DDE									
1	100	7.905	7.906	-0.001	16404043	0.005496			
2	100	9.705	9.706	-0.001	42594758	0.005680			
						RPD = 3.28			
13 Dieldrin									
1	100	8.369	8.367	0.002	14137778	0.005660			
2	100	9.841	9.842	-0.001	39250703	0.005766			
						RPD = 1.84			
17 Endrin									
1	100	8.825	8.827	-0.002	13129498	0.005794			
2	100	10.363	10.363	0.000	36297633	0.005737			
						RPD = 0.98			
1 4,4'-DDD									
1	100	9.189	9.188	0.001	9980618	0.005434			
2	100	10.734	10.735	-0.001	55673426	0.005160			
						RPD = 5.18			
15 Endosulfan II									M
1	100	9.276	9.276	0.000	13988049	0.005927			
2	100	10.734	10.735	-0.001	60213459	0.005503			M
						RPD = 7.42			
3 4,4'-DDT									
1	100	9.710	9.711	-0.001	10700230	0.005365			
2	100	11.219	11.221	-0.002	26060441	0.005287			
						RPD = 1.46			
18 Endrin aldehyde									
1	100	10.070	10.071	-0.001	10511404	0.005841			
2	100	11.307	11.309	-0.002	27614845	0.005836			
						RPD = 0.08			
27 Methoxychlor									
1	100	10.660	10.661	-0.001	5526900	0.005909			
2	100	12.297	12.297	0.000	14481311	0.005819			
						RPD = 1.54			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.791	10.794	-0.003	12520729	0.005769			
2	100	11.740	11.741	-0.001	31922825	0.005637			
						RPD = 2.30			
19 Endrin ketone									
1	100	11.194	11.194	0.000	13194241	0.005879			
2	100	12.477	12.478	-0.001	32841521	0.005694			
						RPD = 3.21			
$ 10 DCB Decachlorobiphenyl									
1	100	12.805	12.803	0.002	13313611	0.005573			
2	100	14.255	14.256	-0.001	32331243	0.005636			
						RPD = 1.13			

QC Flag Legend

Review Flags
M - Manually Integrated

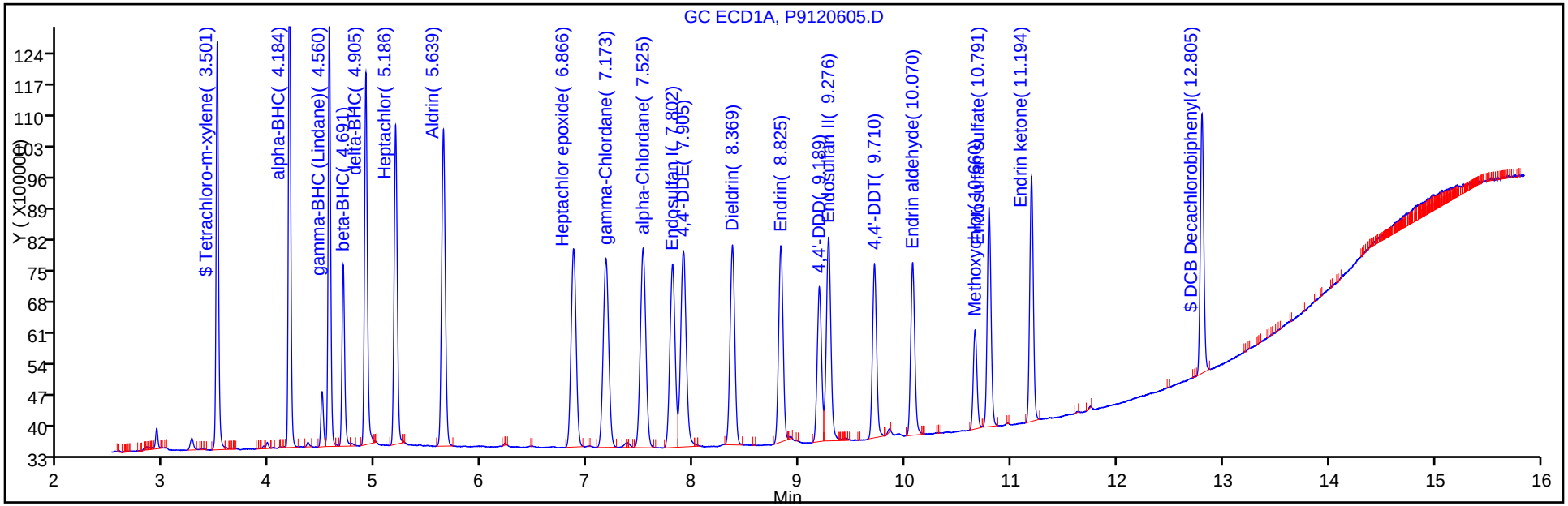
Report Date: 07-Dec-2012 10:25:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

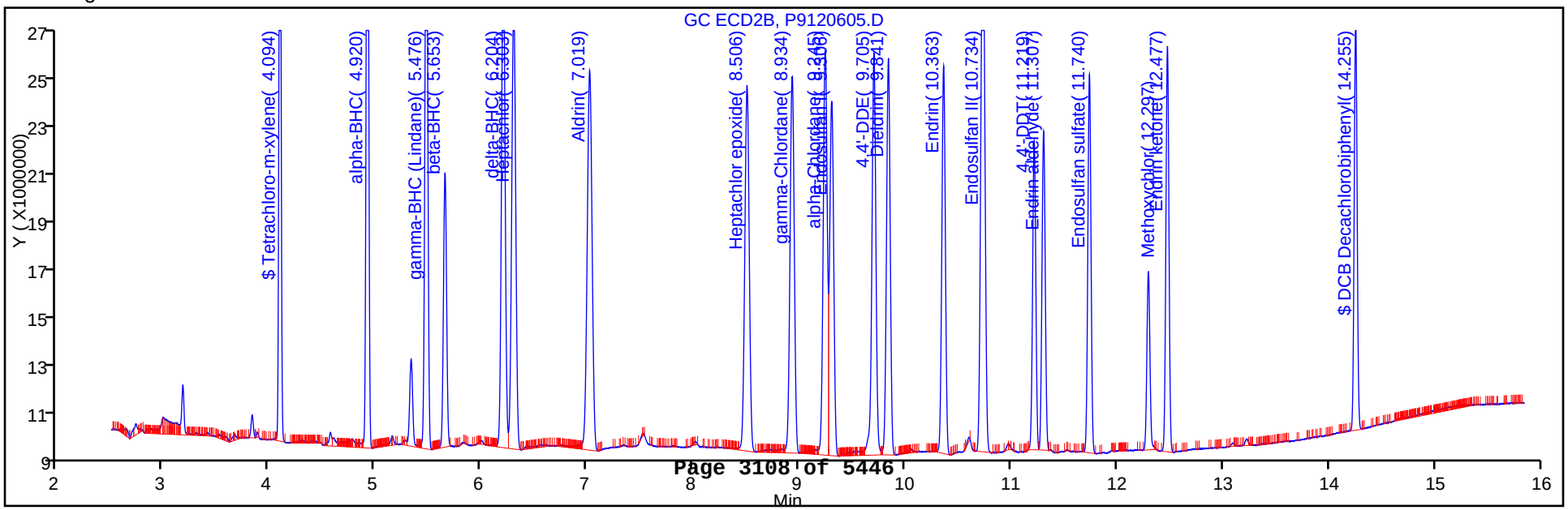
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120605.D

Injection Date:	06-Dec-2012 10:48:32	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

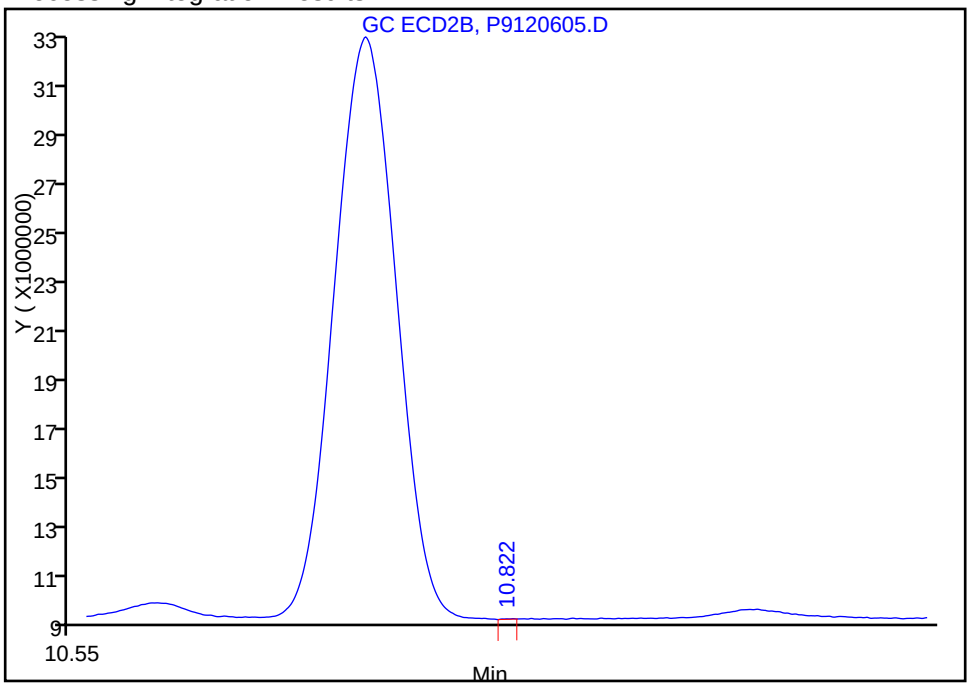
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120605.D		
Injection Date:	06-Dec-2012 10:48:32	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

15 Endosulfan II, Signal: 2, Type: quant, RT: 10.73, Det: GC ecd2b

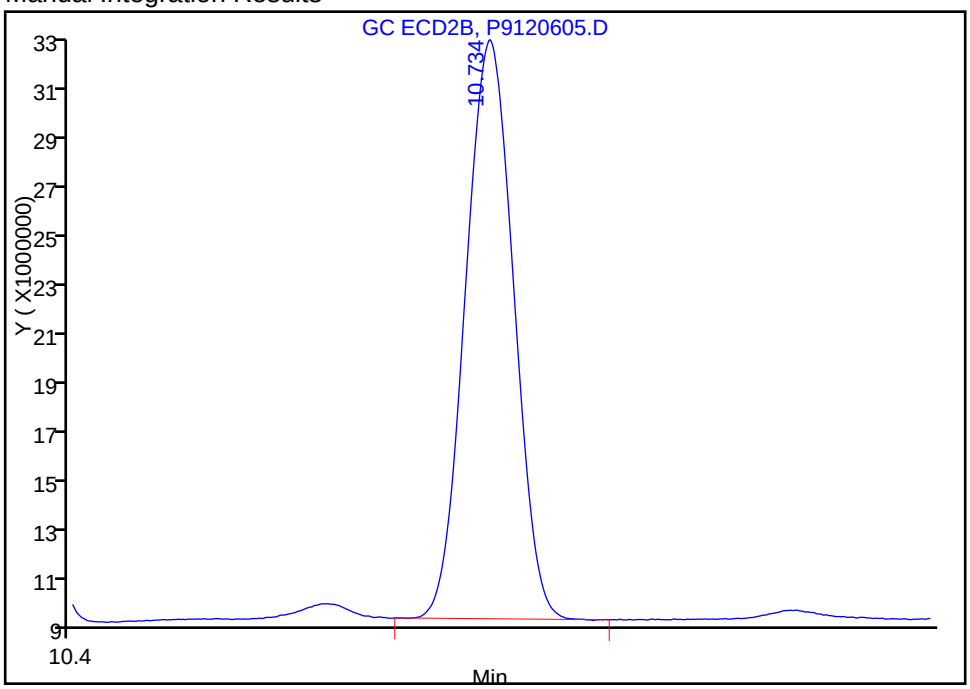
Processing Integration Results

RT: 10.82
Response: 9330
Amount: 0.005000



Manual Integration Results

RT: 10.73
Response: 60213459
Amount: 0.005503



Reviewer: vandorenc, 07-Dec-2012 07:08:58
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120606.D
Lims ID: STD AB L2 Client ID:
Inject. Date: 06-Dec-2012 11:16:36 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015581-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 67554 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:17 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:19:50

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.501	0.000	24613140	0.009496			
2	100	4.094	4.094	0.000	70475093	0.009120			
						RPD = 4.05			
5 alpha-BHC									
1	100	4.184	4.185	-0.001	29165782	0.008524			
2	100	4.920	4.921	-0.001	85874340	0.007952			
						RPD = 6.95			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	24502614	0.008409			
2	100	5.476	5.477	-0.001	73244274	0.008162			
						RPD = 2.99			
7 beta-BHC									
1	100	4.691	4.691	0.000	11183017	0.008945			
2	100	5.653	5.653	0.000	34077269	0.009033			
						RPD = 0.98			
11 delta-BHC									
1	100	4.905	4.905	0.000	25366069	0.008285			
2	100	6.203	6.204	-0.001	75355327	0.007993			
						RPD = 3.58			
22 Heptachlor									
1	100	5.186	5.187	-0.001	23308038	0.008779			
2	100	6.302	6.303	-0.001	70907569	0.008911			
						RPD = 1.50			
4 Aldrin									
1	100	5.639	5.639	0.000	28594582	0.008964			
2	100	7.019	7.021	-0.002	79062736	0.008933			
						RPD = 0.35			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.867	6.868	-0.001	22787204	0.008829			
2	100	8.506	8.506	0.000	64345850	0.008822			
						RPD = 0.08			
21 gamma-Chlordane									
1	100	7.173	7.174	-0.001	24089944	0.008572			
2	100	8.931	8.933	-0.002	64683143	0.008660			
						RPD = 1.02			
6 alpha-Chlordane									
1	100	7.525	7.526	-0.001	25620033	0.008790			
2	100	9.245	9.246	-0.001	66736139	0.008827			
						RPD = 0.42			
14 Endosulfan I									
1	100	7.802	7.803	-0.001	21691780	0.008926			
2	100	9.305	9.307	-0.002	55586925	0.008975			
						RPD = 0.54			
2 4,4'-DDE									
1	100	7.904	7.906	-0.002	26903528	0.009014			
2	100	9.704	9.706	-0.002	65969120	0.008796			
						RPD = 2.44			
13 Dieldrin									
1	100	8.367	8.367	0.000	21739995	0.008704			
2	100	9.841	9.842	-0.001	58807201	0.008638			
						RPD = 0.76			
17 Endrin									
1	100	8.825	8.827	-0.002	20343520	0.008977			
2	100	10.364	10.363	0.001	54602723	0.008631			
						RPD = 3.94			
1 4,4'-DDD									
1	100	9.188	9.188	0.000	15497061	0.008438			
2	100	10.734	10.735	-0.001	92262574	0.008551			
						RPD = 1.33			
15 Endosulfan II									
1	100	9.276	9.276	0.000	21064138	0.008926			
2	100	10.734	10.735	-0.001	92262574	0.008432			
						RPD = 5.68			
3 4,4'-DDT									
1	100	9.709	9.711	-0.002	16848678	0.008447			
2	100	11.219	11.221	-0.002	40894939	0.008297			
						RPD = 1.80			
18 Endrin aldehyde									
1	100	10.071	10.071	0.000	16055576	0.008921			
2	100	11.308	11.309	-0.001	42363447	0.008953			
						RPD = 0.36			
27 Methoxychlor									
1	100	10.659	10.661	-0.002	8455119	0.009040			
2	100	12.299	12.297	0.002	22616291	0.009088			
						RPD = 0.53			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.794	10.794	0.000	19121564	0.008810			
2	100	11.741	11.741	0.000	48559323	0.008575			
						RPD = 2.70			
19 Endrin ketone									
1	100	11.194	11.194	0.000	20038478	0.008929			
2	100	12.478	12.478	0.000	50093393	0.008684			
						RPD = 2.78			
$ 10 DCB Decachlorobiphenyl									
1	100	12.804	12.803	0.001	21299423	0.008915			
2	100	14.256	14.256	0.000	50286460	0.008766			
						RPD = 1.69			

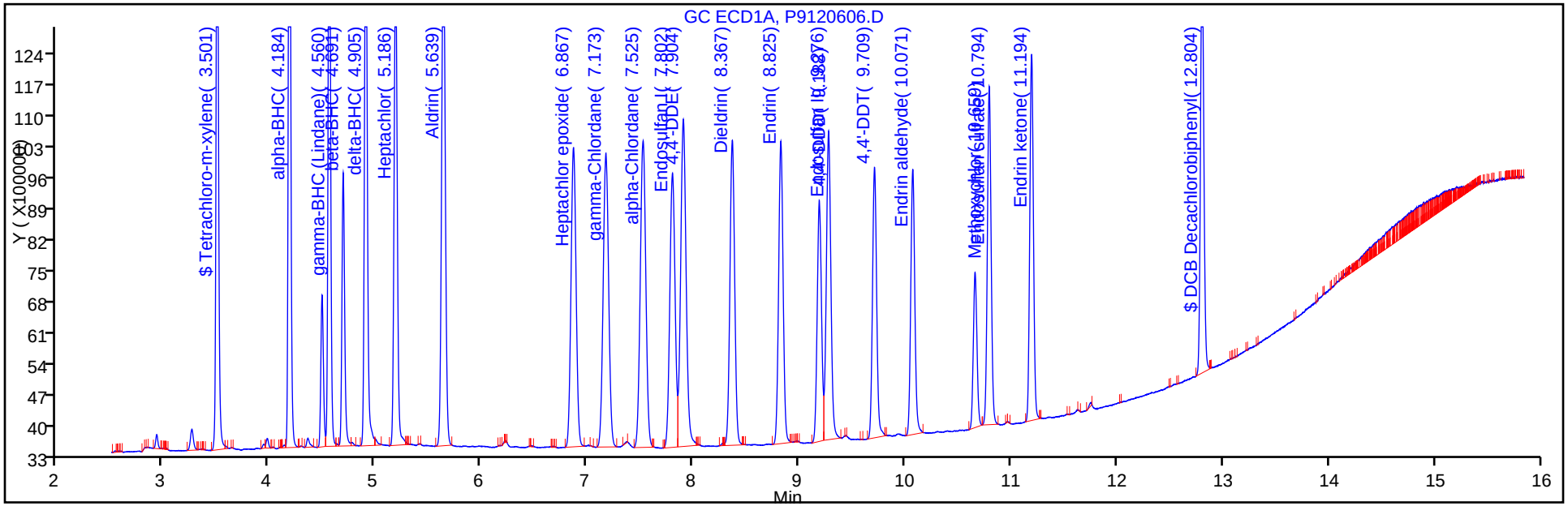
Report Date: 07-Dec-2012 10:25:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

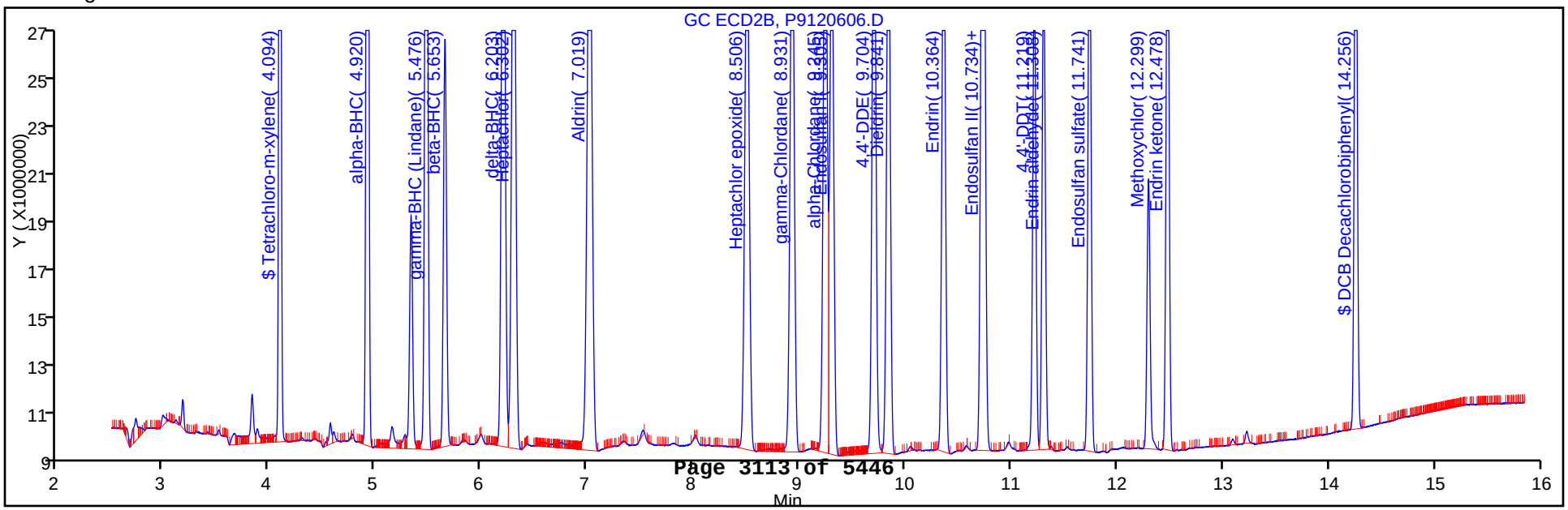
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120606.D

Injection Date:	06-Dec-2012 11:16:36	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120607.D
Lims ID: STD AB L3 Client ID:
Inject. Date: 06-Dec-2012 11:44:51 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0015581-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 67554 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:19 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:26:04

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.501	0.000	63932676	0.0247			
2	100	4.094	4.094	0.000	185444155	0.0240			
						RPD = 2.75			
5 alpha-BHC									
1	100	4.185	4.185	0.000	84130711	0.0246			
2	100	4.921	4.921	0.000	250061160	0.0232			
						RPD = 6.01			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	70861589	0.0243			
2	100	5.477	5.477	0.000	207838612	0.0232			
						RPD = 4.89			
7 beta-BHC									
1	100	4.691	4.691	0.000	30335429	0.0243			
2	100	5.653	5.653	0.000	90412982	0.0240			
						RPD = 1.23			
11 delta-BHC									
1	100	4.905	4.905	0.000	75746911	0.0247			
2	100	6.204	6.204	0.000	219625560	0.0233			
						RPD = 6.01			
22 Heptachlor									
1	100	5.187	5.187	0.000	64477984	0.0243			
2	100	6.303	6.303	0.000	186430499	0.0234			
						RPD = 3.59			
4 Aldrin									
1	100	5.639	5.639	0.000	79346718	0.0249			
2	100	7.021	7.021	0.000	211654953	0.0239			
						RPD = 3.94			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.868	6.868	0.000	63591053	0.0246			
2	100	8.506	8.506	0.000	174185100	0.0239			
						RPD = 3.12			
21 gamma-Chlordane									
1	100	7.174	7.174	0.000	68459336	0.0244			
2	100	8.933	8.933	0.000	177297141	0.0237			
						RPD = 2.59			
6 alpha-Chlordane									
1	100	7.526	7.526	0.000	71440427	0.0245			
2	100	9.246	9.246	0.000	180554580	0.0239			
						RPD = 2.60			
14 Endosulfan I									
1	100	7.803	7.803	0.000	59652874	0.0245			
2	100	9.307	9.307	0.000	148002566	0.0239			
						RPD = 2.69			
2 4,4'-DDE									
1	100	7.906	7.906	0.000	73603854	0.0247			
2	100	9.706	9.706	0.000	179746847	0.0240			
						RPD = 2.85			
13 Dieldrin									
1	100	8.367	8.367	0.000	61995207	0.0248			
2	100	9.842	9.842	0.000	162706012	0.0239			
						RPD = 3.78			
17 Endrin									
1	100	8.827	8.827	0.000	54130681	0.0239			
2	100	10.363	10.363	0.000	150909002	0.0239			
						RPD = 0.14			
1 4,4'-DDD									
1	100	9.188	9.188	0.000	44778806	0.0244			
2	100	10.735	10.735	0.000	260095462	0.0241			
						RPD = 1.14			
15 Endosulfan II									
1	100	9.276	9.276	0.000	59048092	0.0250			
2	100	10.735	10.735	0.000	260095462	0.0238			
						RPD = 5.12			
3 4,4'-DDT									
1	100	9.711	9.711	0.000	48537766	0.0243			
2	100	11.221	11.221	0.000	116045447	0.0235			
						RPD = 3.31			
18 Endrin aldehyde									
1	100	10.071	10.071	0.000	44486485	0.0247			
2	100	11.309	11.309	0.000	114759530	0.0243			
						RPD = 1.90			
27 Methoxychlor									
1	100	10.661	10.661	0.000	23626549	0.0253			
2	100	12.297	12.297	0.000	61155478	0.0246			
						RPD = 2.76			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.794	10.794	0.000	54190109	0.0250			
2	100	11.741	11.741	0.000	134229880	0.0237			
						RPD = 5.19			
19 Endrin ketone									
1	100	11.194	11.194	0.000	55602516	0.0248			
2	100	12.478	12.478	0.000	138377790	0.0240			
						RPD = 3.23			
$ 10 DCB Decachlorobiphenyl									
1	100	12.803	12.803	0.000	60286789	0.0252			
2	100	14.256	14.256	0.000	137380160	0.0239			
						RPD = 5.23			

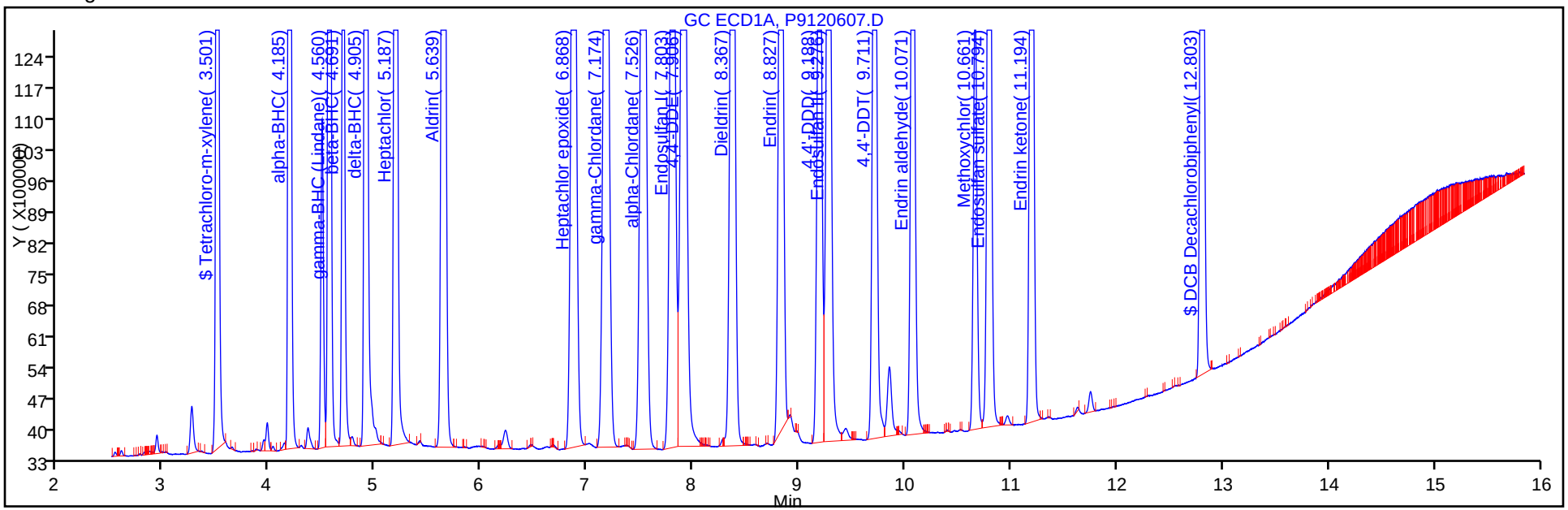
Report Date: 07-Dec-2012 10:25:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

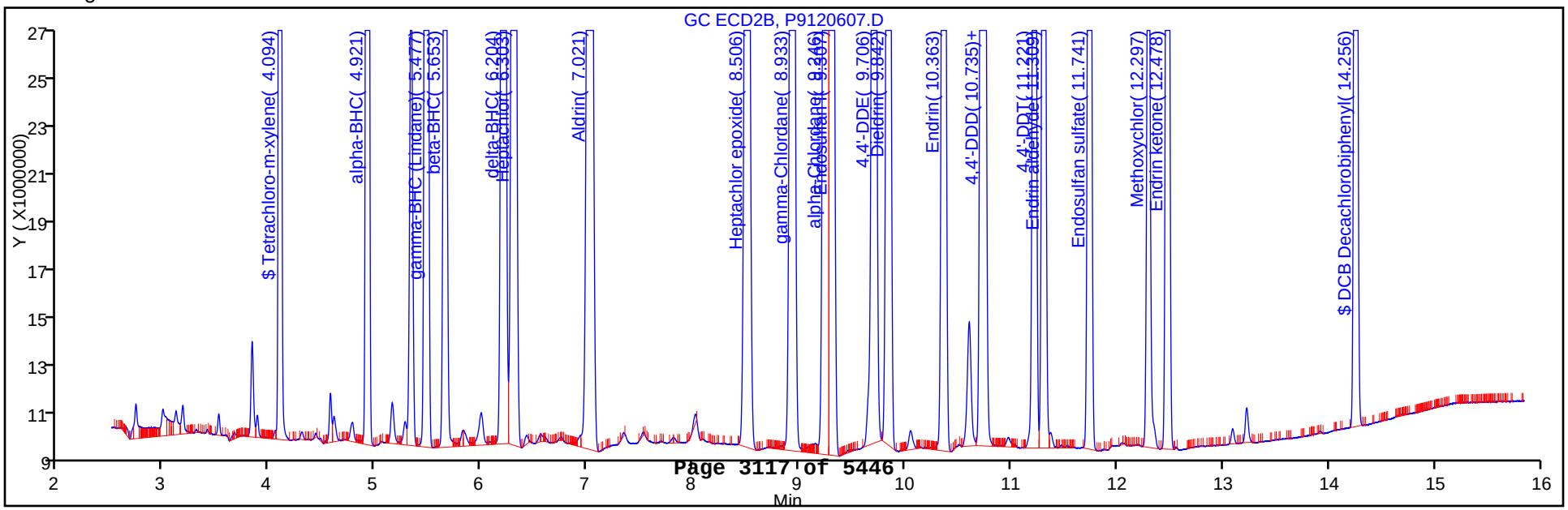
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120607.D

Injection Date:	06-Dec-2012 11:44:51	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120608.D
Lims ID: STD AB L4 Client ID:
Inject. Date: 06-Dec-2012 12:12:38 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015581-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 67554 Lims Sample ID: 8
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:22 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:26:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.502	3.501	0.001	131802756	0.0509			
2	100	4.093	4.094	-0.001	387464841	0.0501			
						RPD = 1.41			
5 alpha-BHC									
1	100	4.184	4.185	-0.001	177851517	0.0520			
2	100	4.920	4.921	-0.001	552155267	0.0511			
						RPD = 1.66			
20 gamma-BHC (Lindane)									
1	100	4.561	4.560	0.001	152657329	0.0524			
2	100	5.476	5.477	-0.001	462340943	0.0515			
						RPD = 1.68			
7 beta-BHC									
1	100	4.692	4.691	0.001	63075721	0.0505			
2	100	5.652	5.653	-0.001	186094681	0.0493			
						RPD = 2.25			
11 delta-BHC									
1	100	4.905	4.905	0.000	162006748	0.0529			
2	100	6.203	6.204	-0.001	484762669	0.0514			
						RPD = 2.86			
22 Heptachlor									
1	100	5.188	5.187	0.001	138955262	0.0523			
2	100	6.302	6.303	-0.001	399191472	0.0502			
						RPD = 4.23			
4 Aldrin									
1	100	5.638	5.639	-0.001	162793986	0.0510			
2	100	7.019	7.021	-0.002	438753317	0.0496			
						RPD = 2.91			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.867	6.868	-0.001	132925527	0.0515			
2	100	8.506	8.506	0.000	366485047	0.0502			
						RPD = 2.47			
21 gamma-Chlordane									M
1	100	7.173	7.174	-0.001	144974129	0.0516			
2	100	8.933	8.933	0.000	372619183	0.0499			M
						RPD = 3.35			
6 alpha-Chlordane									
1	100	7.525	7.526	-0.001	148322118	0.0509			
2	100	9.245	9.246	-0.001	373127716	0.0494			
						RPD = 3.07			
14 Endosulfan I									
1	100	7.801	7.803	-0.002	124814651	0.0514			
2	100	9.307	9.307	0.000	310192672	0.0501			
						RPD = 2.52			
2 4,4'-DDE									
1	100	7.907	7.906	0.001	152200633	0.0510			
2	100	9.705	9.706	-0.001	368047018	0.0491			
						RPD = 3.84			
13 Dieldrin									
1	100	8.368	8.367	0.001	129848031	0.0520			
2	100	9.841	9.842	-0.001	345916217	0.0508			
						RPD = 2.28			
17 Endrin									
1	100	8.826	8.827	-0.001	117753602	0.0520			
2	100	10.363	10.363	0.000	322555035	0.0510			
						RPD = 1.90			
1 4,4'-DDD									
1	100	9.190	9.188	0.002	96219526	0.0524			
2	100	10.733	10.735	-0.002	566789449	0.0525			
						RPD = 0.26			
15 Endosulfan II									
1	100	9.278	9.276	0.002	122208688	0.0518			
2	100	10.733	10.735	-0.002	566789449	0.0518			
						RPD = 0.04			
3 4,4'-DDT									
1	100	9.710	9.711	-0.001	103796522	0.0520			
2	100	11.219	11.221	-0.002	254526637	0.0516			
						RPD = 0.78			
18 Endrin aldehyde									
1	100	10.070	10.071	-0.001	93048531	0.0517			
2	100	11.308	11.309	-0.001	239958508	0.0507			
						RPD = 1.93			
27 Methoxychlor									
1	100	10.661	10.661	0.000	47810155	0.0511			
2	100	12.298	12.297	0.001	126055931	0.0507			
						RPD = 0.91			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.794	10.794	0.000	112794367	0.0520			
2	100	11.741	11.741	0.000	286587649	0.0506			
						RPD = 2.65			
19 Endrin ketone									
1	100	11.193	11.194	-0.001	115942992	0.0517			
2	100	12.478	12.478	0.000	294457574	0.0510			
						RPD = 1.20			
$ 10 DCB Decachlorobiphenyl									
1	100	12.806	12.803	0.003	121142231	0.0507			
2	100	14.256	14.256	0.000	281368183	0.0490			
						RPD = 3.32			

QC Flag Legend

Review Flags
M - Manually Integrated

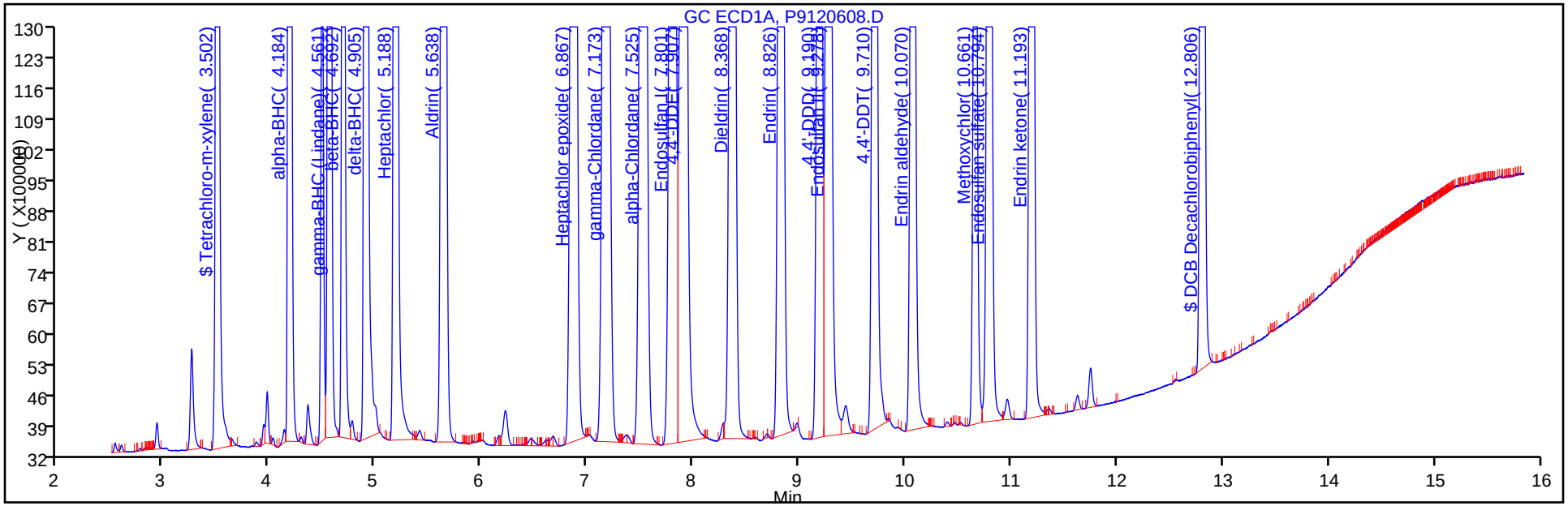
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TestAmerica Canton

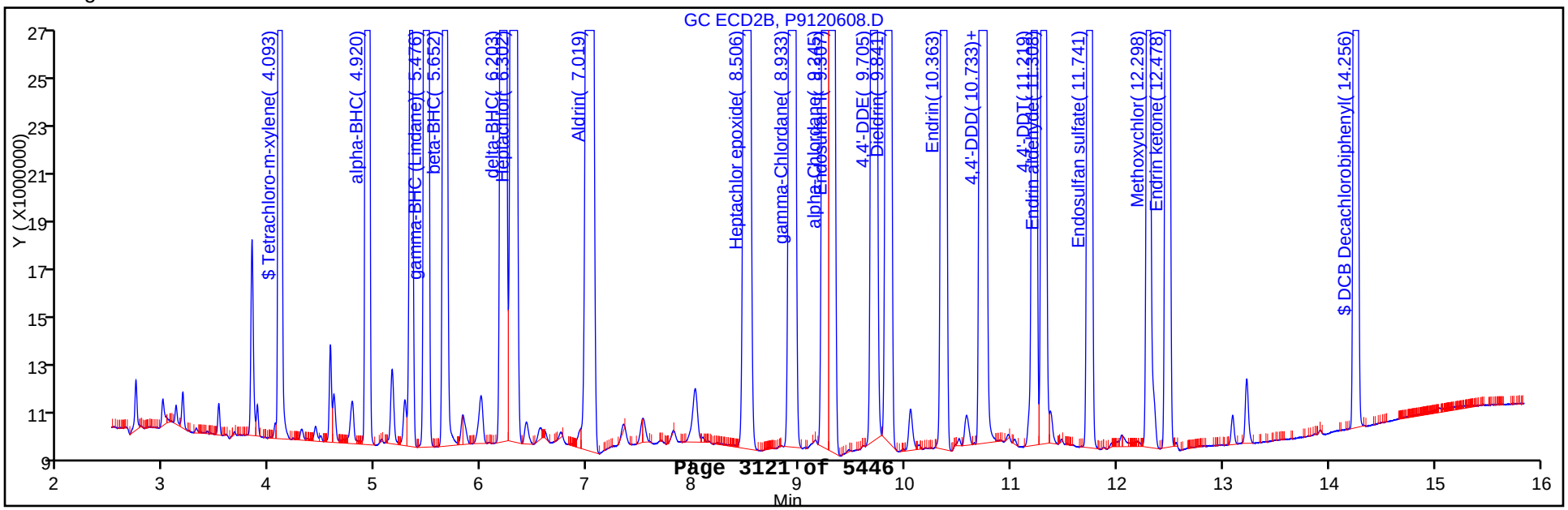
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Injection Date:	06-Dec-2012 12:12:38	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	8
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

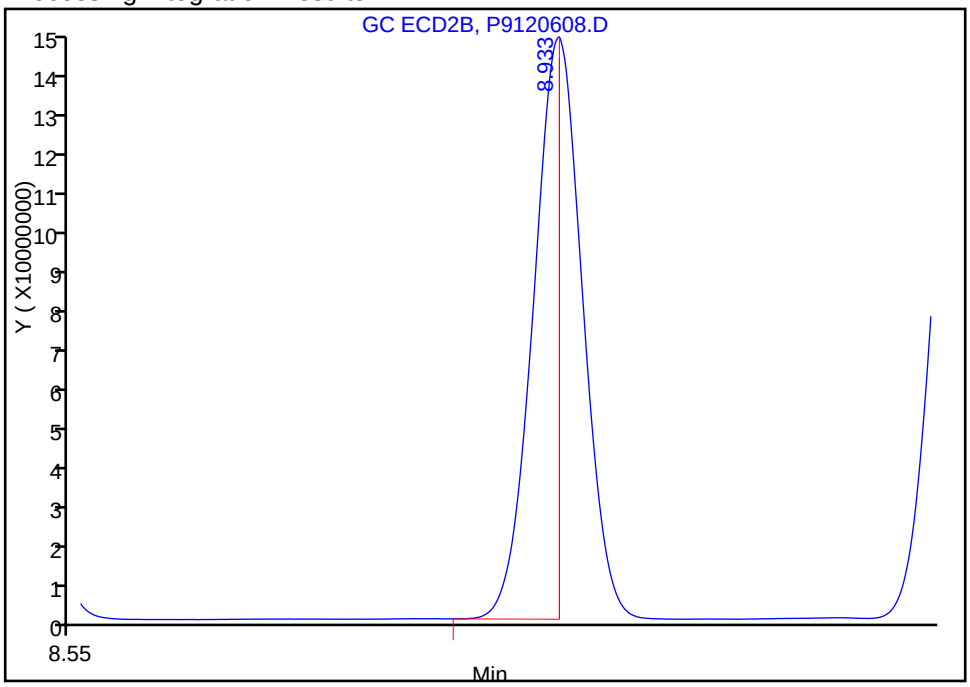
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120608.D		
Injection Date:	06-Dec-2012 12:12:38	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	8
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

21 gamma-Chlordane, Signal: 2, Type: quant, RT: 8.93, Det: GC ecd2b

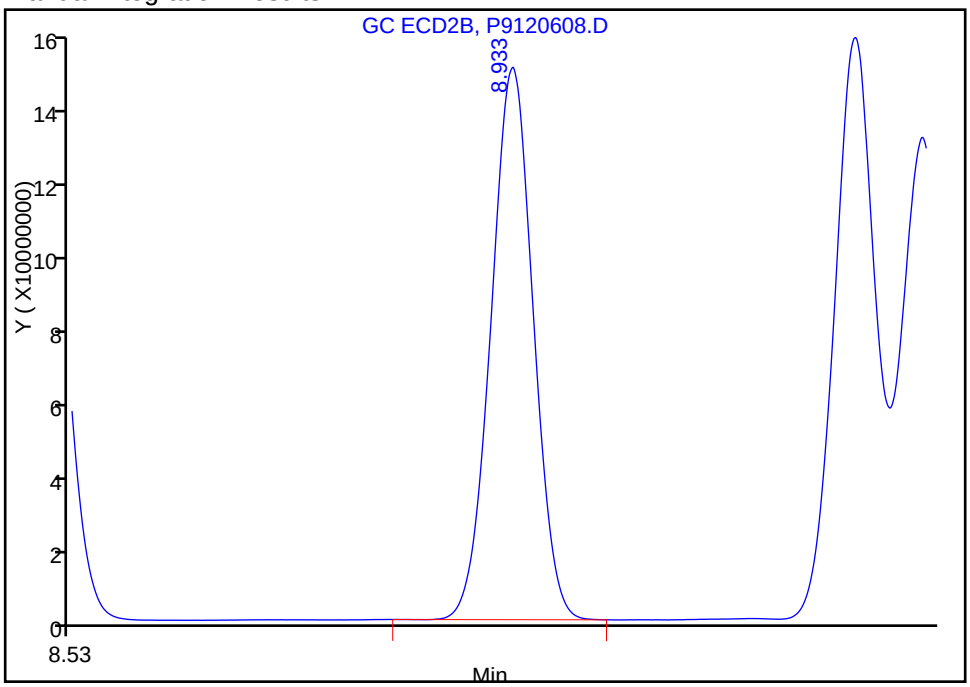
Processing Integration Results

RT: 8.93
Response: 193411327
Amount: 0.029796



Manual Integration Results

RT: 8.93
Response: 372619183
Amount: 0.049889



Reviewer: vandorenc, 07-Dec-2012 07:26:52
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120609.D		
Lims ID:	STD AB L5	Client ID:	
Inject. Date:	06-Dec-2012 12:40:38	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015581-009		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	67554	Lims Sample ID:	9
Sublist:	chrom-PEST9*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m		
Last Update:	07-Dec-2012 10:25:24	Calib Date:	06-Dec-2012 18:34:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		
First Level Reviewer: vandorenc		Date:	07-Dec-2012 07:27:22

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.502	3.501	0.001	252469371	0.0974			
2	100	4.094	4.094	0.000	778482872	0.1007			
						RPD = 3.36			
5 alpha-BHC									
1	100	4.184	4.185	-0.001	363761372	0.1063			
2	100	4.921	4.921	0.000	1203951082	0.1115			
						RPD = 4.74			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	307724468	0.1056			
2	100	5.477	5.477	0.000	972381650	0.1084			
						RPD = 2.56			
7 beta-BHC									
1	100	4.692	4.691	0.001	125572040	0.1004			
2	100	5.654	5.653	0.001	374548030	0.0993			
						RPD = 1.16			
11 delta-BHC									
1	100	4.906	4.905	0.001	322735244	0.1054			
2	100	6.204	6.204	0.000	1030583118	0.1093			
						RPD = 3.64			
22 Heptachlor									
1	100	5.187	5.187	0.000	274470120	0.1034			
2	100	6.303	6.303	0.000	809943910	0.1018			
						RPD = 1.55			
4 Aldrin									
1	100	5.638	5.639	-0.001	323822078	0.1015			
2	100	7.022	7.021	0.001	908787749	0.1027			
						RPD = 1.14			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.868	6.868	0.000	260252929	0.1008			
2	100	8.507	8.506	0.001	738205385	0.1012			
						RPD = 0.37			
21 gamma-Chlordane									
1	100	7.172	7.174	-0.002	290862719	0.1035			
2	100	8.933	8.933	0.000	766533947	0.1026			
						RPD = 0.84			
6 alpha-Chlordane									
1	100	7.524	7.526	-0.002	296877313	0.1019			
2	100	9.247	9.246	0.001	761707887	0.1007			
						RPD = 1.10			
14 Endosulfan I									
1	100	7.803	7.803	0.000	241906743	0.0995			
2	100	9.307	9.307	0.000	616612363	0.0996			
						RPD = 0.01			
2 4,4'-DDE									
1	100	7.905	7.906	-0.001	303667144	0.1017			
2	100	9.705	9.706	-0.001	765391531	0.1021			
						RPD = 0.31			
13 Dieldrin									
1	100	8.368	8.367	0.001	253687553	0.1016			
2	100	9.842	9.842	0.000	699363556	0.1027			
						RPD = 1.14			
17 Endrin									
1	100	8.827	8.827	0.000	230054439	0.1015			
2	100	10.364	10.363	0.001	654466776	0.1034			
						RPD = 1.88			
1 4,4'-DDD									
1	100	9.190	9.188	0.002	191419201	0.1042			
2	100	10.733	10.735	-0.002	1153197812	0.1069			
						RPD = 2.51			
15 Endosulfan II									
1	100	9.277	9.276	0.001	229772862	0.0974			
2	100	10.733	10.735	-0.002	1153197812	0.1054			
						RPD = 7.93			
3 4,4'-DDT									
1	100	9.711	9.711	0.000	213059684	0.1068			
2	100	11.221	11.221	0.000	528782263	0.1073			
						RPD = 0.43			
18 Endrin aldehyde									
1	100	10.070	10.071	-0.001	180838964	0.1005			
2	100	11.308	11.309	-0.001	476312177	0.1007			
						RPD = 0.18			
27 Methoxychlor									
1	100	10.661	10.661	0.000	92759875	0.0992			
2	100	12.298	12.297	0.001	246543586	0.0991			
						RPD = 0.11			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.795	10.794	0.001	218386146	0.1006			
2	100	11.742	11.741	0.001	587148869	0.1037			
						RPD = 3.00			
19 Endrin ketone									
1	100	11.195	11.194	0.001	223931316	0.0998			
2	100	12.479	12.478	0.001	595555244	0.1032			
						RPD = 3.41			
$ 10 DCB Decachlorobiphenyl									
1	100	12.804	12.803	0.001	240678545	0.1007			
2	100	14.256	14.256	0.000	583335794	0.1017			
						RPD = 0.94			

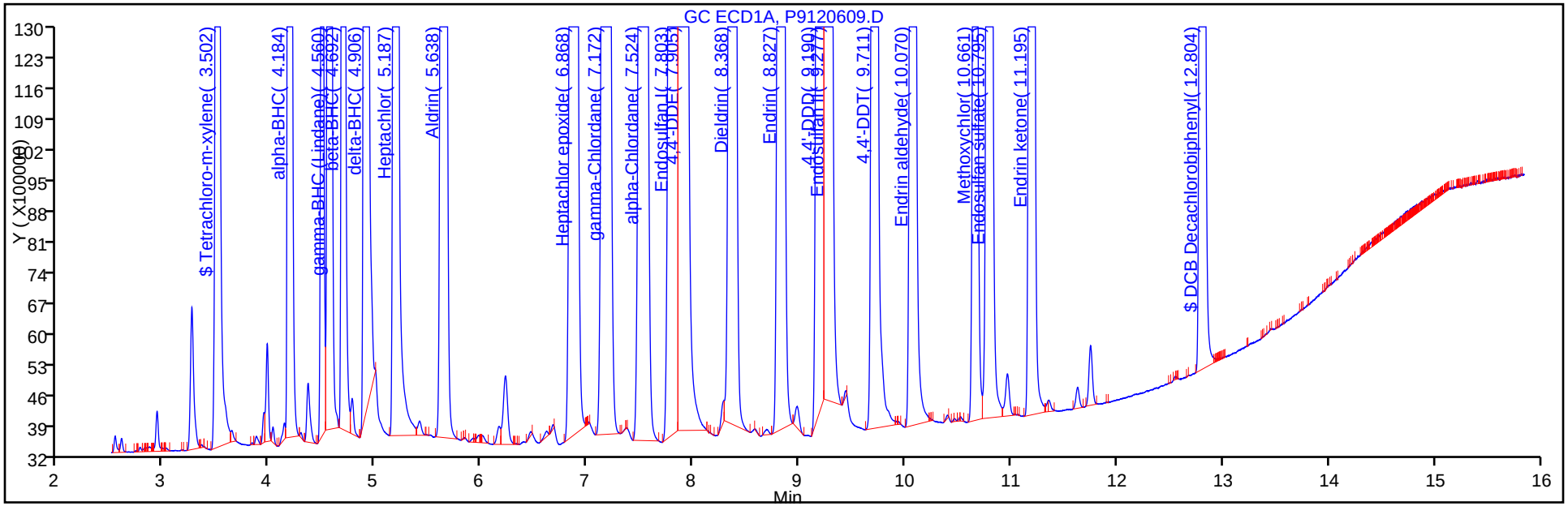
Report Date: 07-Dec-2012 10:25:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

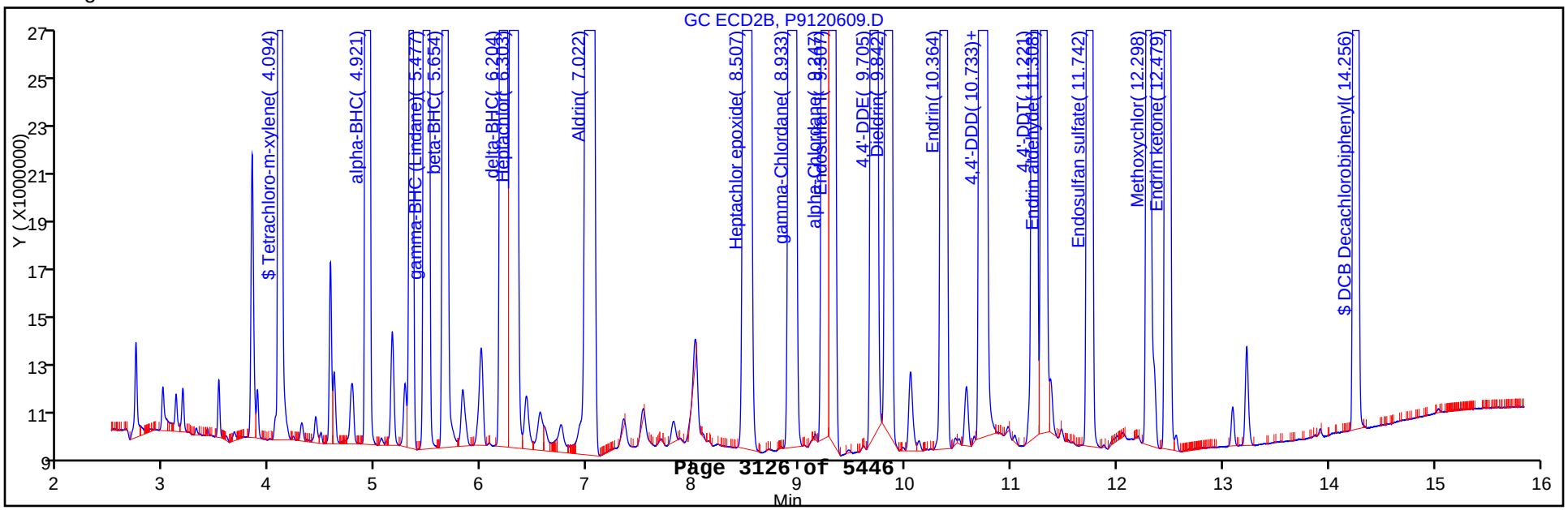
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120609.D

Injection Date:	06-Dec-2012 12:40:38	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	9
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120610.D
Lims ID: STD AB L6 Client ID:
Inject. Date: 06-Dec-2012 13:08:23 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0015581-010
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 67554 Lims Sample ID: 10
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:26 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:27:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.503	3.501	0.002	487978020	0.1883			
2	100	4.096	4.094	0.002	1598464028	0.2068			
						RPD = 9.40			
5 alpha-BHC									
1	100	4.185	4.185	0.000	693119959	0.2026			
2	100	4.923	4.921	0.002	2487778002	0.2304			
						RPD = 12.83			
20 gamma-BHC (Lindane)									
1	100	4.561	4.560	0.001	575212619	0.1974			
2	100	5.478	5.477	0.001	1914250880	0.2133			
						RPD = 7.74			
7 beta-BHC									
1	100	4.693	4.691	0.002	235116077	0.1881			
2	100	5.654	5.653	0.001	718065091	0.1903			
						RPD = 1.21			
11 delta-BHC									
1	100	4.906	4.905	0.001	628688615	0.2053			
2	100	6.207	6.204	0.003	2087692496	0.2214			
						RPD = 7.55			
22 Heptachlor									
1	100	5.188	5.187	0.001	497458208	0.1874			
2	100	6.304	6.303	0.001	1517604652	0.1907			
						RPD = 1.78			
4 Aldrin									
1	100	5.639	5.639	0.000	620289032	0.1945			
2	100	7.022	7.021	0.001	1811910760	0.2047			
						RPD = 5.14			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.868	6.868	0.000	478612387	0.1854			
2	100	8.508	8.506	0.002	1409684486	0.1933			
						RPD = 4.13			
21 gamma-Chlordane									
1	100	7.174	7.174	0.000	555416772	0.1976			
2	100	8.934	8.933	0.001	1519945472	0.2035			
						RPD = 2.93			
6 alpha-Chlordane									
1	100	7.524	7.526	-0.002	568033832	0.1949			
2	100	9.246	9.246	0.000	1524053700	0.2016			
						RPD = 3.37			
14 Endosulfan I									
1	100	7.803	7.803	0.000	445494948	0.1833			
2	100	9.307	9.307	0.000	1160872124	0.1874			
						RPD = 2.22			
2 4,4'-DDE									
1	100	7.904	7.906	-0.002	582369937	0.1951			
2	100	9.706	9.706	0.000	1535411103	0.2047			
						RPD = 4.81			
13 Dieldrin									
1	100	8.368	8.367	0.001	474180379	0.1898			
2	100	9.842	9.842	0.000	1338874831	0.1967			
						RPD = 3.53			
17 Endrin									
1	100	8.825	8.827	-0.002	423108430	0.1867			
2	100	10.363	10.363	0.000	1241583414	0.1962			
						RPD = 4.98			
1 4,4'-DDD									
1	100	9.189	9.188	0.001	368798575	0.2008			
2	100	10.733	10.735	-0.002	2221481176	0.2059			
						RPD = 2.50			
15 Endosulfan II									
1	100	9.277	9.276	0.001	430393451	0.1824			
2	100	10.733	10.735	-0.002	2221481176	0.2030			
						RPD = 10.72			
3 4,4'-DDT									
1	100	9.712	9.711	0.001	398854603	0.2000			
2	100	11.221	11.221	0.000	1050500547	0.2131			
						RPD = 6.37			
18 Endrin aldehyde									
1	100	10.072	10.071	0.001	328331785	0.1824			
2	100	11.307	11.309	-0.002	895699396	0.1893			
						RPD = 3.69			
27 Methoxychlor									
1	100	10.661	10.661	0.000	166416890	0.1779			
2	100	12.297	12.297	0.000	468220707	0.1881			
						RPD = 5.58			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.795	10.794	0.001	399881410	0.1842			
2	100	11.741	11.741	0.000	1152872286	0.2036			
						RPD = 9.98			
19 Endrin ketone									
1	100	11.193	11.194	-0.001	407988296	0.1818			
2	100	12.479	12.478	0.001	1130366463	0.1960			
						RPD = 7.50			
$ 10 DCB Decachlorobiphenyl									
1	100	12.805	12.803	0.002	460241659	0.1926			
2	100	14.256	14.256	0.000	1193888763	0.2081			
						RPD = 7.72			

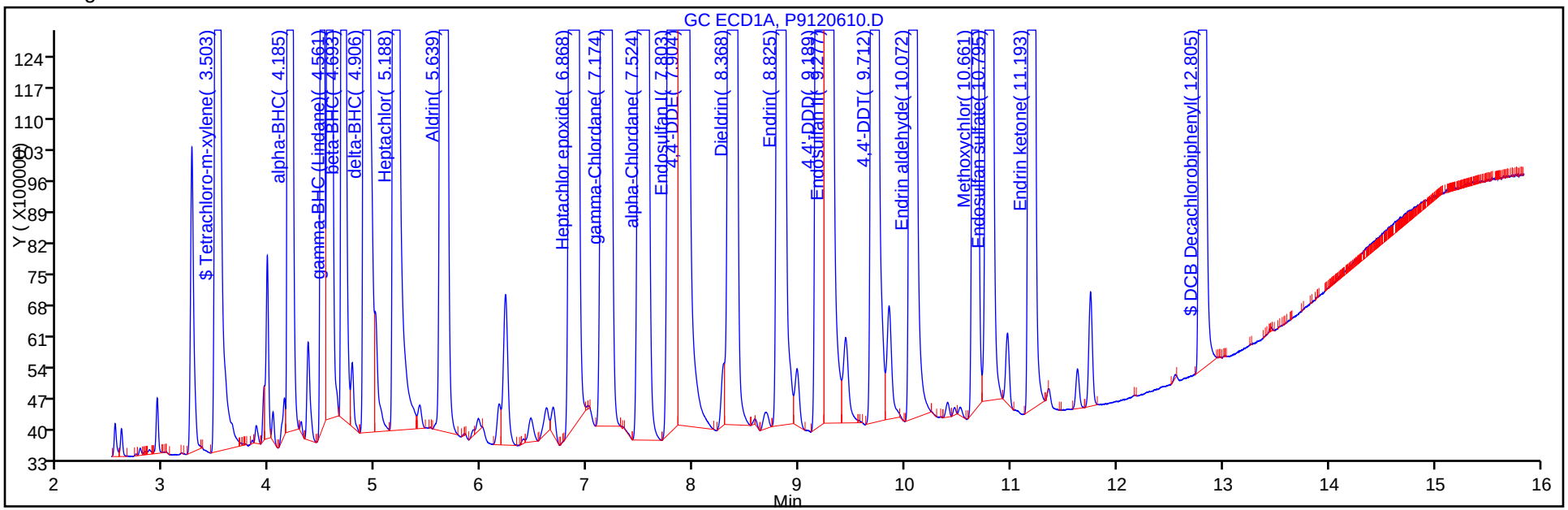
Report Date: 07-Dec-2012 10:25:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

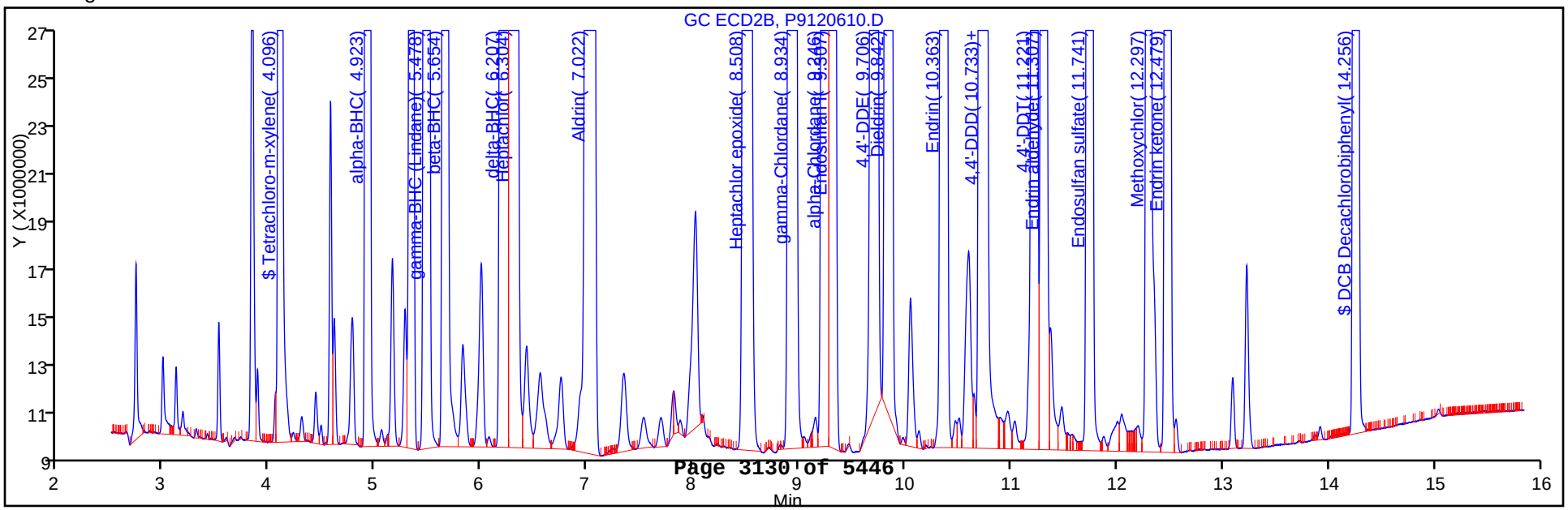
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Injection Date:	06-Dec-2012 13:08:23	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	10
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 13:58 Calibration End Date: 12/06/2012 15:48 Calibration ID: 12712

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67554/12	P9120612.D
Level 2	STD 240-67554/13	P9120613.D
Level 3	STD 240-67554/14	P9120614.D
Level 4	STD 240-67554/15	P9120615.D
Level 5	STD 240-67554/16	P9120616.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Toxaphene Peak 1	9.505	9.506	9.508	9.508	9.507						9.478 - 9.538	9.507
Toxaphene Peak 2	9.952	9.952	9.951	9.956	9.954						9.921 - 9.981	9.953
Toxaphene Peak 3	10.019	10.021	10.021	10.020	10.021						9.991 - 10.051	10.020
Toxaphene Peak 4	10.604	10.603	10.605	10.604	10.603						10.575 - 10.635	10.604
Toxaphene Peak 5	11.168	11.169	11.170	11.170	11.170						11.140 - 11.200	11.169

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 13:58 Calibration End Date: 12/06/2012 15:48 Calibration ID: 12712

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67554/12	P9120612.D
Level 2	STD 240-67554/13	P9120613.D
Level 3	STD 240-67554/14	P9120614.D
Level 4	STD 240-67554/15	P9120615.D
Level 5	STD 240-67554/16	P9120616.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								
Toxaphene Peak 1	71391445 64152866	76548370	62258278	70612991	Ave		68992789.9				8.4		20.0			
Toxaphene Peak 2	92110295 80018780	88244200	78150246	88824662	Ave		85469636.5				7.1		20.0			
Toxaphene Peak 3	77020950 71076954	74981218	68653392	77095048	Ave		73765512.4				5.1		20.0			
Toxaphene Peak 4	105166900 93304506	106895652	85217063	103134712	Ave		98743766.5				9.3		20.0			
Toxaphene Peak 5	65495270 63137898	70525146	52584471	66386458	Ave		63625848.6				11.0		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 13:58 Calibration End Date: 12/06/2012 15:48 Calibration ID: 12712

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67554/12	P9120612.D
Level 2	STD 240-67554/13	P9120613.D
Level 3	STD 240-67554/14	P9120614.D
Level 4	STD 240-67554/15	P9120615.D
Level 5	STD 240-67554/16	P9120616.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
Toxaphene Peak 1	Ave	14278289	38274185	62258278	141225982	320764328	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 2	Ave	18422059	44122100	78150246	177649323	400093900	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 3	Ave	15404190	37490609	68653392	154190096	355384770	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 4	Ave	21033380	53447826	85217063	206269423	466522531	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 5	Ave	13099054	35262573	52584471	132772916	315689490	0.200	0.500	1.00	2.00	5.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120612.D
Lims ID: STD TOX 1 Client ID:
Inject. Date: 06-Dec-2012 13:58:34 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0015581-012
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 67554 Lims Sample ID: 12
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:30 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:38:30

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.505	9.508	-0.003	14278289	0.2070		100.0	M
1	2	9.952	9.951	0.001	18422059	0.2155	105.5- 145.5	129.0	M
1	3	10.019	10.021	-0.002	15404190	0.2088	90.3- 130.3	107.9	M
1	4	10.604	10.605	-0.001	21033380	0.2130	116.9- 156.9	147.3	M
1	5	11.168	11.170	-0.002	13099054	0.2059	64.5- 104.5	91.7	M
			Average of Peak Amounts =			0.2100			
2	100	10.897	10.898	-0.001	58494491	0.2203		100.0	M
2	2	11.446	11.448	-0.002	36218341	0.2182	43.7- 83.7	61.9	M
2	3	11.848	11.848	0.000	37476403	0.2185	45.7- 85.7	64.1	M
2	4	12.076	12.077	-0.001	54834322	0.2135	80.2- 120.2	93.7	M
2	5	12.462	12.464	-0.002	25821970	0.2112	28.1- 68.1	44.1	M
			Average of Peak Amounts =			0.2164			
						RPD = 2.96			

QC Flag Legend

Review Flags
M - Manually Integrated

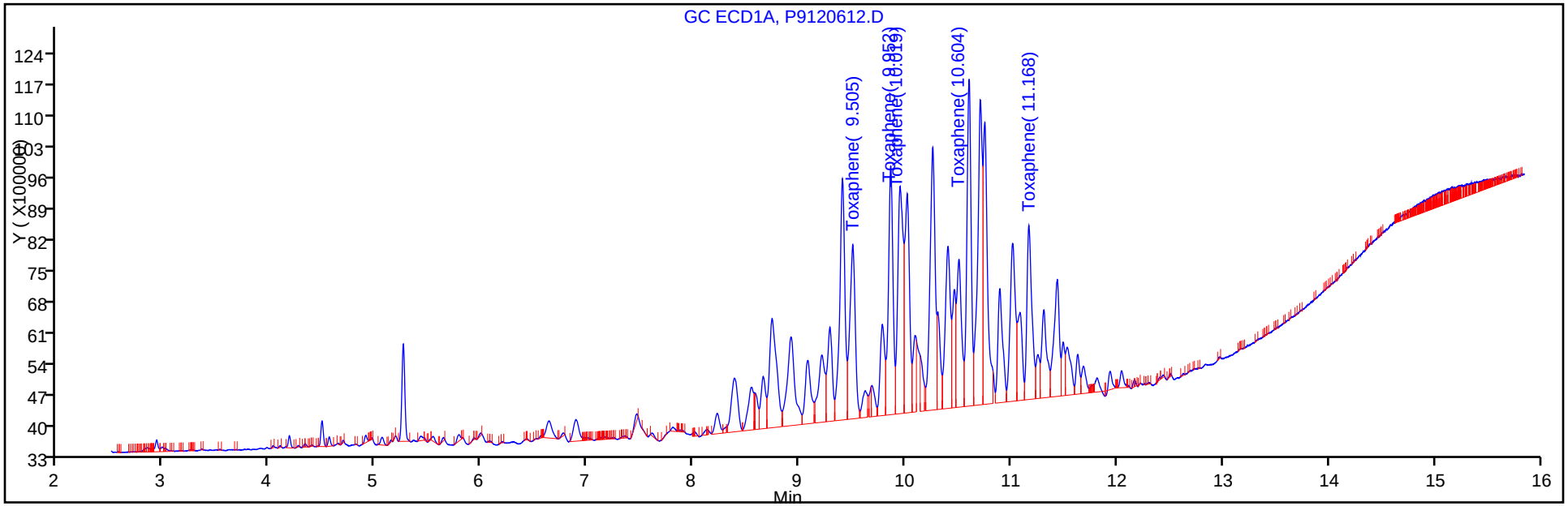
Report Date: 07-Dec-2012 10:25:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

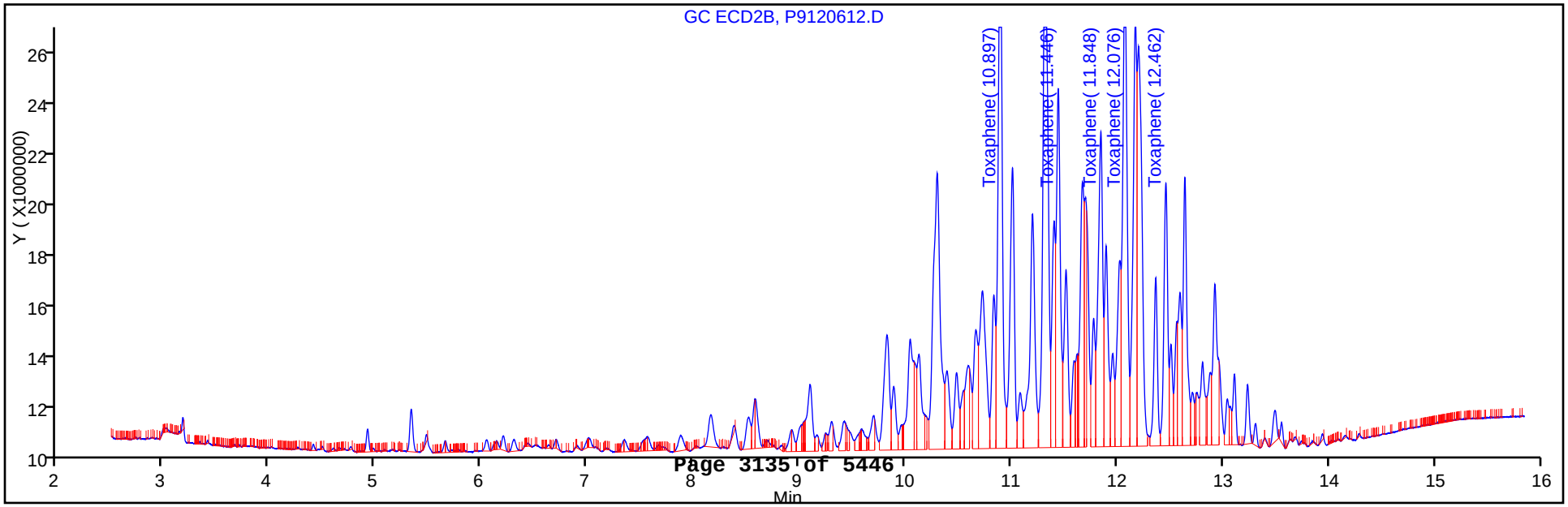
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Injection Date:	06-Dec-2012 13:58:34	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	12
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



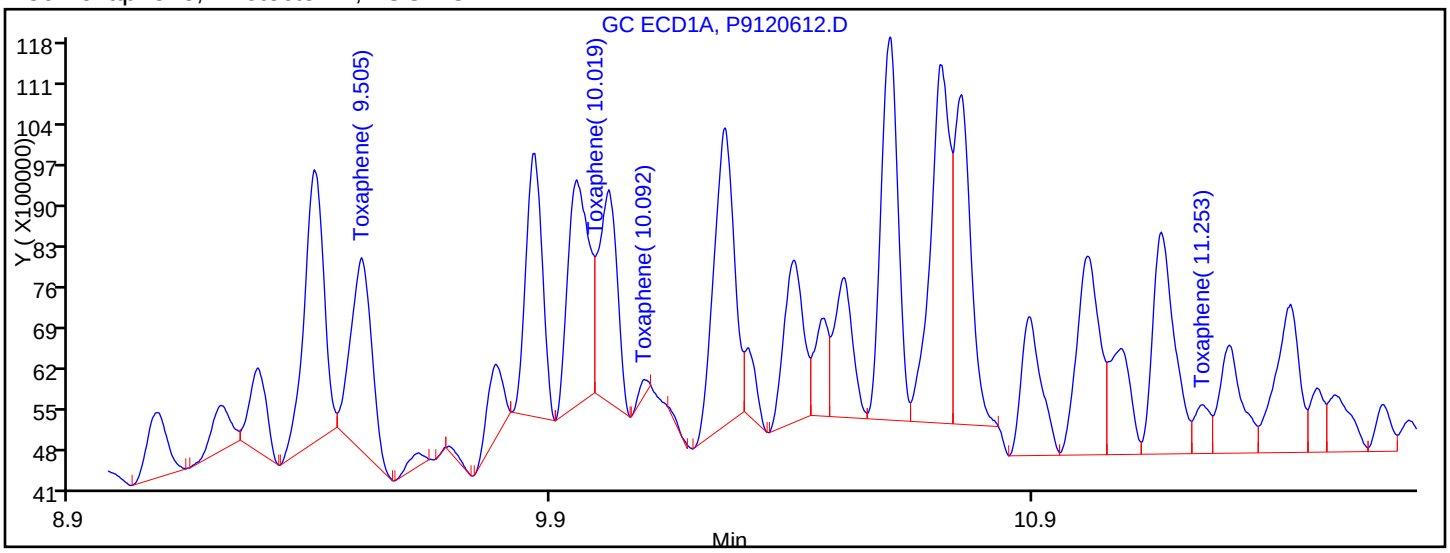
Report Date: 07-Dec-2012 10:25:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120612.D

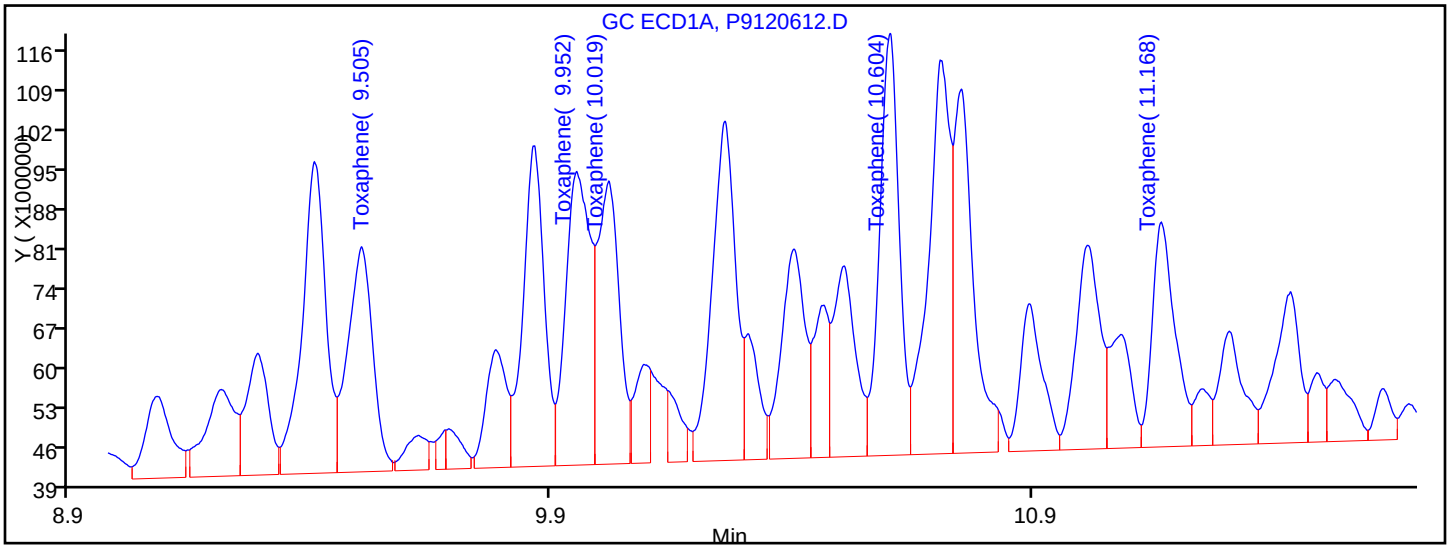
Injection Date:	06-Dec-2012 13:58:34	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	12
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.505	Response = 9989553	M
RT = 10.019	Response = 9580955	M
RT = 10.092	Response = 377422	M
RT = 0.000	Response = 0	M
RT = 11.253	Response = 1887183	M



Manual Integration Results

RT = 9.505	Response = 14278289	M
RT = 9.952	Response = 18422059	M
RT = 10.019	Response = 15404190	M
RT = 10.604	Response = 21033380	M
RT = 11.168	Response = 13099054	M

Reviewer: vandorenc, 07-Dec-2012 07:38:30

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120613.D
Lims ID: STD TOX2 Client ID:
Inject. Date: 06-Dec-2012 14:24:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015581-013
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 67554 Lims Sample ID: 13
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:33 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:41:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100	9.506	9.508	-0.002	38274185	0.5548		100.0	M
1	2	9.952	9.951	0.001	44122100	0.5162	105.5- 145.5	115.3	M
1	3	10.021	10.021	0.000	37490609	0.5082	90.3- 130.3	98.0	M
1	4	10.603	10.605	-0.002	53447826	0.5413	116.9- 156.9	139.6	M
1	5	11.169	11.170	-0.001	35262573	0.5542	64.5- 104.5	92.1	M
			Average of Peak Amounts =			0.5349			
2	100	10.899	10.898	0.001	123675963	0.4658		100.0	
2	2	11.447	11.448	-0.001	75183809	0.4530	43.7- 83.7	60.8	A
2	3	11.848	11.848	0.000	72454678	0.4225	45.7- 85.7	58.6	A
2	4	12.076	12.077	-0.001	108399435	0.4221	80.2- 120.2	87.6	A
2	5	12.464	12.464	0.000	44890815	0.3672	28.1- 68.1	36.3	A
			Average of Peak Amounts =			0.4261			
						RPD = 22.65			

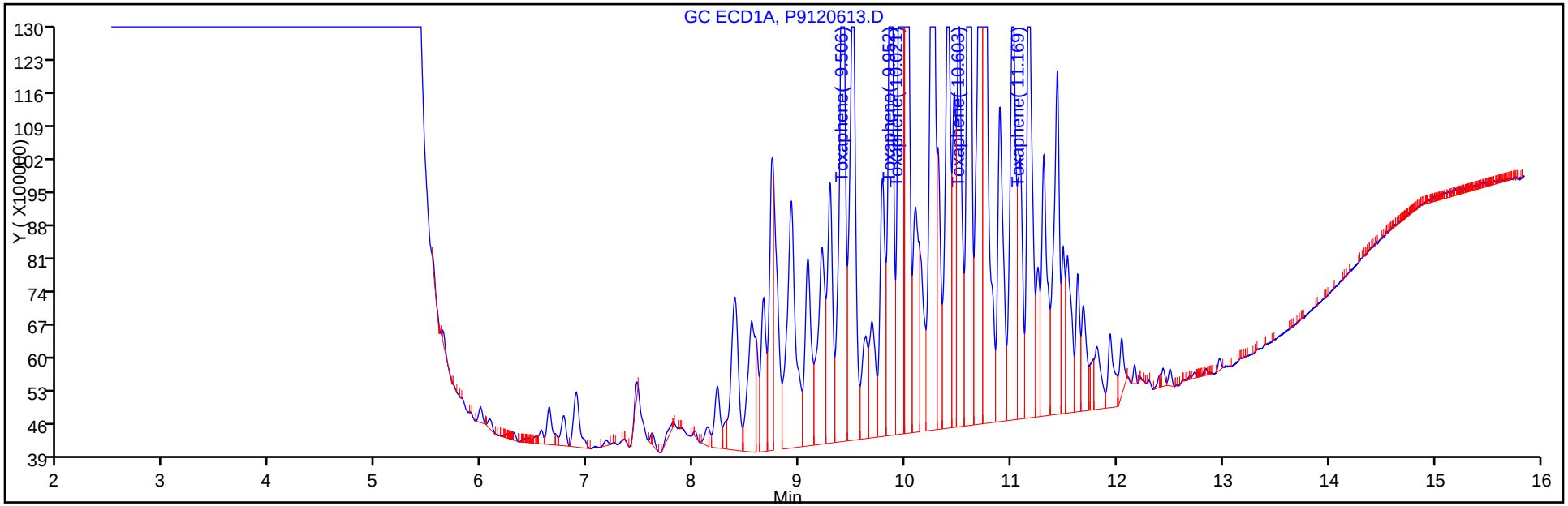
Report Date: 07-Dec-2012 10:25:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

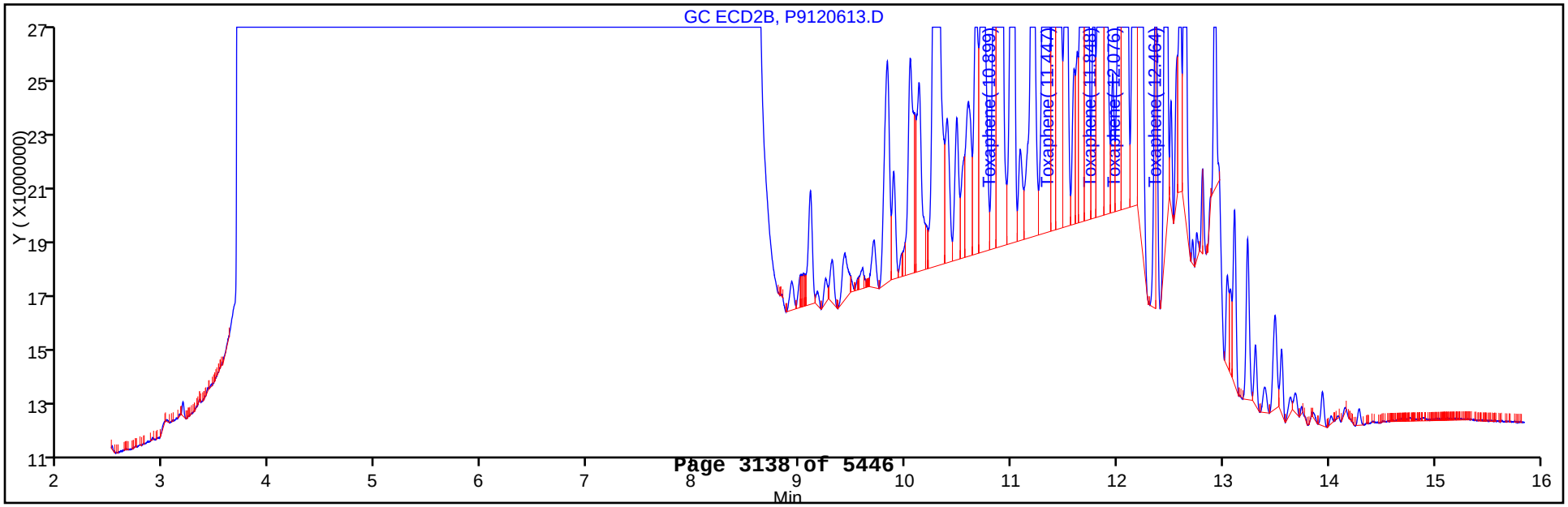
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Injection Date:	06-Dec-2012 14:24:05	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	13
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120614.D
Lims ID: STD TOX3 Client ID:
Inject. Date: 06-Dec-2012 14:52:12 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015581-014
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 67554 Lims Sample ID: 14
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:35 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:45:50

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100	9.508	9.508	0.000	62258278	0.9024		100.0	M
1	2	9.951	9.951	0.000	78150246	0.9144	105.5- 145.5	125.5	M
1	3	10.021	10.021	0.000	68653392	0.9307	90.3- 130.3	110.3	M
1	4	10.605	10.605	0.000	85217063	0.8630	116.9- 156.9	136.9	A
1	5	11.170	11.170	0.000	52584471	0.8265	64.5- 104.5	84.5	A
			Average of Peak Amounts =			0.8874			
2	100	10.898	10.898	0.000	269496535	1.02		100.0	
2	2	11.448	11.448	0.000	171680539	1.03	43.7- 83.7	63.7	A
2	3	11.848	11.848	0.000	176931653	1.03	45.7- 85.7	65.7	A
2	4	12.077	12.077	0.000	270000292	1.05	80.2- 120.2	100.2	A
2	5	12.464	12.464	0.000	129671979	1.06	28.1- 68.1	48.1	A
			Average of Peak Amounts =			1.04			
						RPD = 15.71			

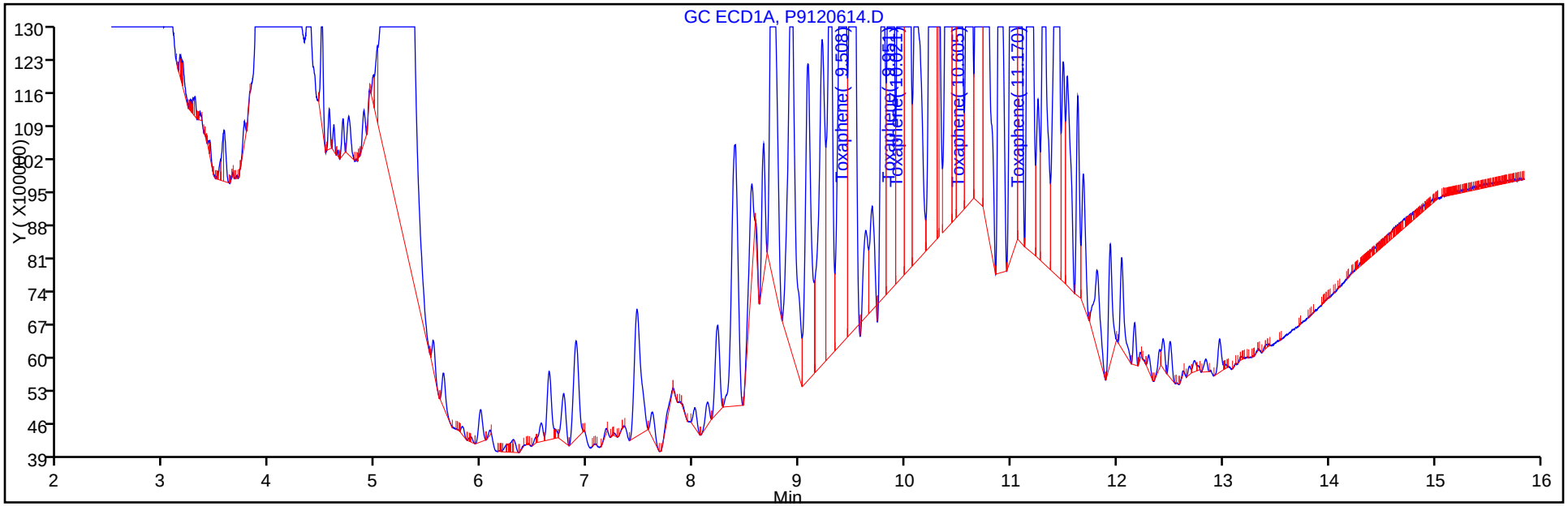
Report Date: 07-Dec-2012 10:25:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

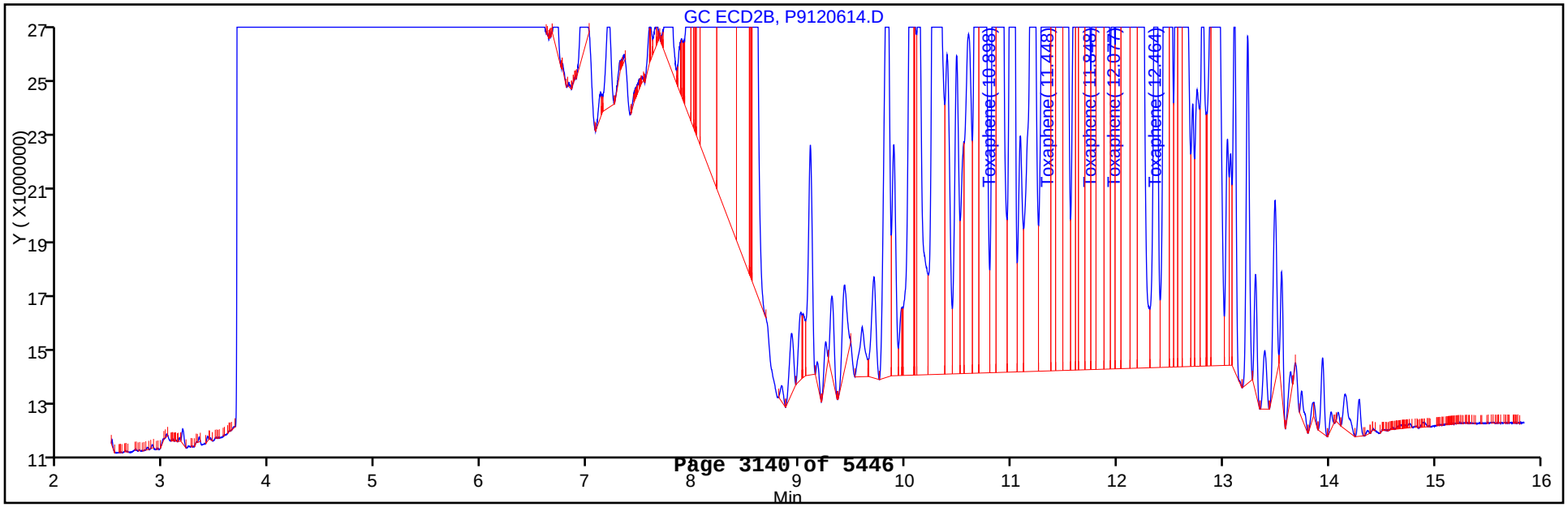
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120614.D

Injection Date:	06-Dec-2012 14:52:12	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	14
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120615.D
Lims ID: STD TOX4 Client ID:
Inject. Date: 06-Dec-2012 15:20:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015581-015
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 67554 Lims Sample ID: 15
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:37 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:46:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.508	9.508	0.000	141225982	2.05		100.0	
1	2	9.956	9.951	0.005	177649323	2.08	105.5- 145.5	125.8	
1	3	10.020	10.021	-0.001	154190096	2.09	90.3- 130.3	109.2	
1	4	10.604	10.605	-0.001	206269423	2.09	116.9- 156.9	146.1	
1	5	11.170	11.170	0.000	132772916	2.09	64.5- 104.5	94.0	
			Average of Peak Amounts =			2.08			
2	100	10.898	10.898	0.000	551056414	2.08		100.0	M
2	2	11.446	11.448	-0.002	343302433	2.07	43.7- 83.7	62.3	M
2	3	11.848	11.848	0.000	367855848	2.15	45.7- 85.7	66.8	M
2	4	12.077	12.077	0.000	547075527	2.13	80.2- 120.2	99.3	M
2	5	12.462	12.464	-0.002	277675164	2.27	28.1- 68.1	50.4	M
			Average of Peak Amounts =			2.14			
						RPD = 2.84			

QC Flag Legend

Review Flags
M - Manually Integrated

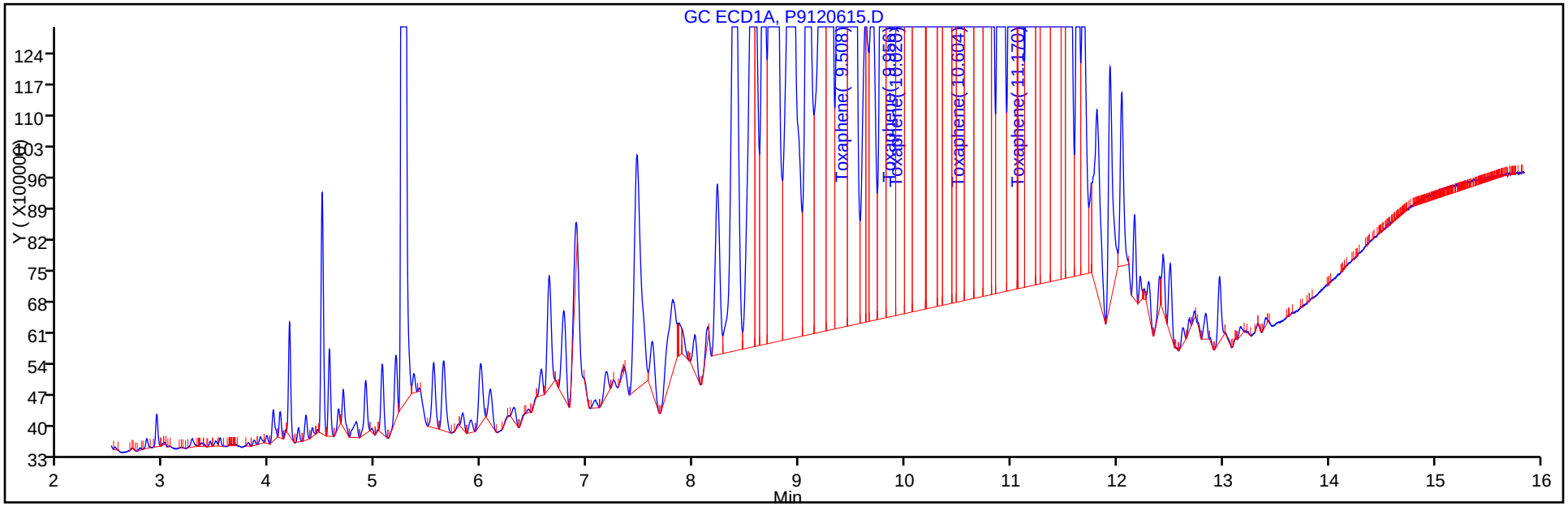
Report Date: 07-Dec-2012 10:25:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

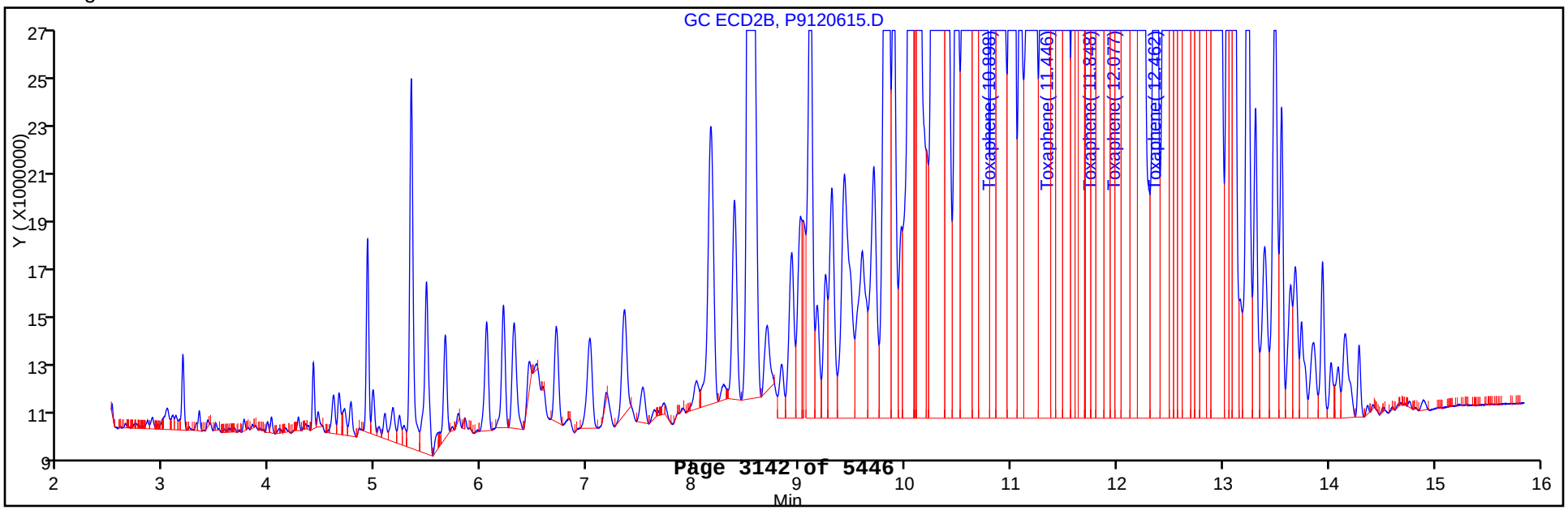
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120615.D

Injection Date:	06-Dec-2012 15:20:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	15
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120616.D		
Lims ID:	STD TOX5	Client ID:	
Inject. Date:	06-Dec-2012 15:48:28	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015581-016		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	67554	Lims Sample ID:	16
Sublist:	chrom-PEST9*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m		
Last Update:	07-Dec-2012 10:25:40	Calib Date:	06-Dec-2012 18:34:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:47:19

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100	9.507	9.508	-0.001	320764328	4.65		100.0	
1	2	9.954	9.951	0.003	400093900	4.68	105.5- 145.5	124.7	
1	3	10.021	10.021	0.000	355384770	4.82	90.3- 130.3	110.8	
1	4	10.603	10.605	-0.002	466522531	4.72	116.9- 156.9	145.4	
1	5	11.170	11.170	0.000	315689490	4.96	64.5- 104.5	98.4	
			Average of Peak Amounts =			4.77			
2	100	10.899	10.898	0.001	1212888260	4.57		100.0	
2	2	11.447	11.448	-0.001	775615828	4.67	43.7- 83.7	63.9	A
2	3	11.849	11.848	0.001	821441819	4.79	45.7- 85.7	67.7	
2	4	12.075	12.077	-0.002	1247357220	4.86	80.2- 120.2	102.8	
2	5	12.463	12.464	-0.001	619488835	5.07	28.1- 68.1	51.1	
			Average of Peak Amounts =			4.79			
						RPD = 0.51			

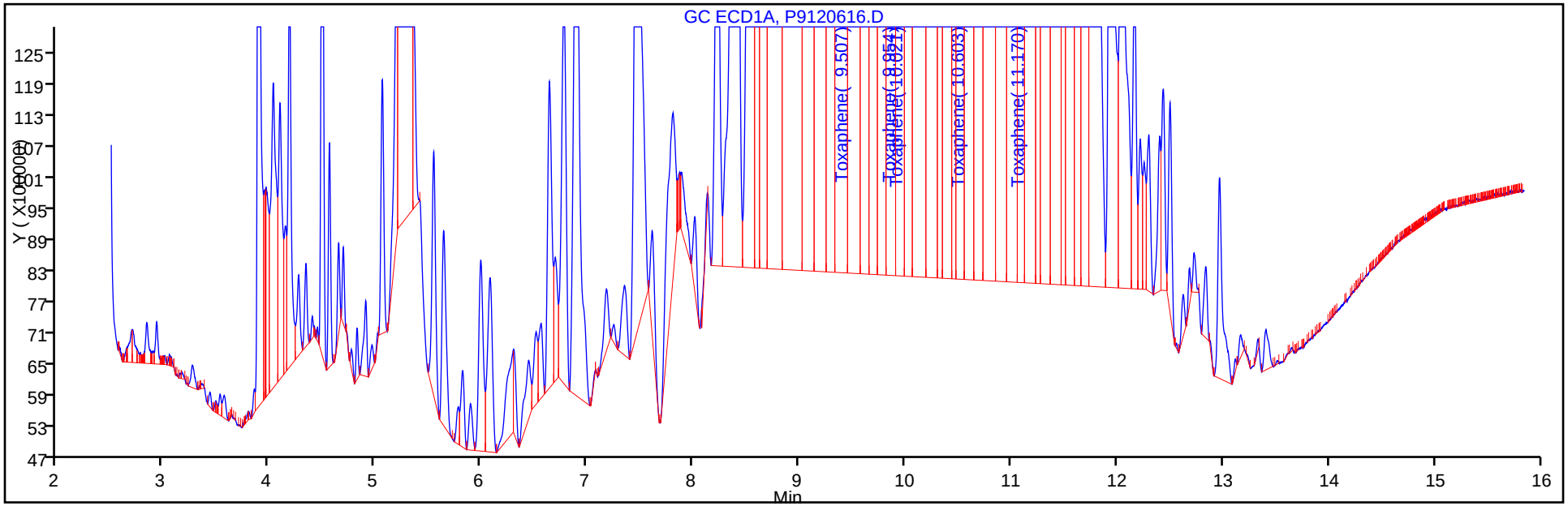
Report Date: 07-Dec-2012 10:25:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

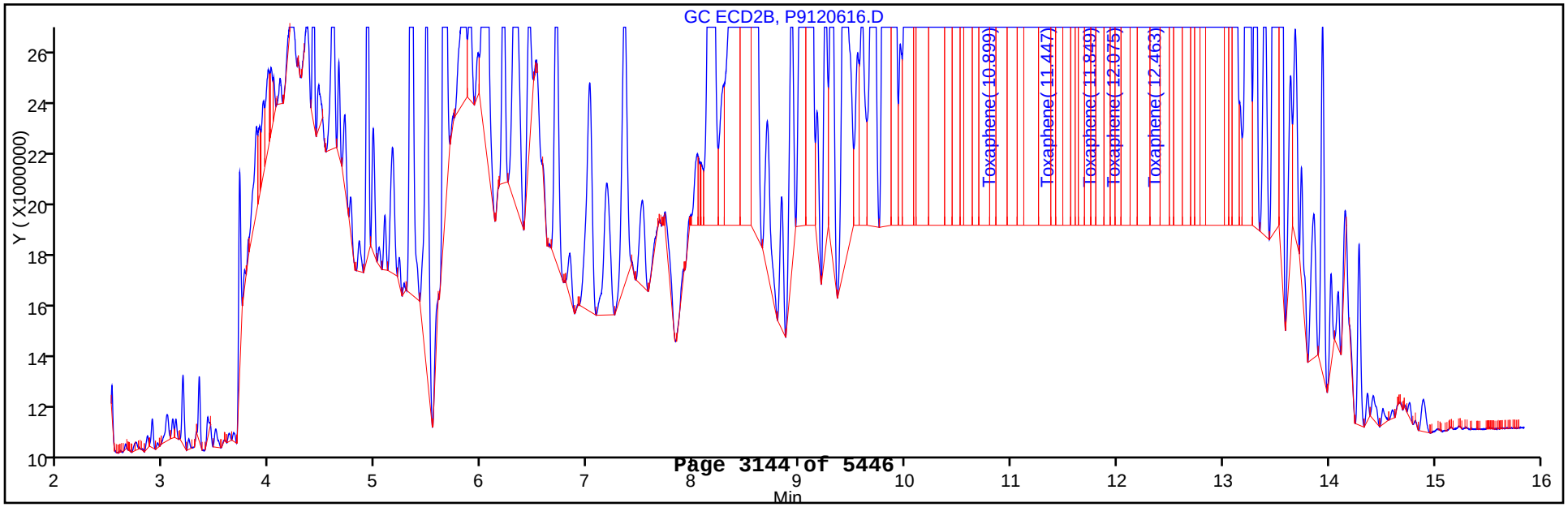
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120616.D

Injection Date:	06-Dec-2012 15:48:28	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 13:58 Calibration End Date: 12/06/2012 15:48 Calibration ID: 12713

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67554/12	P9120612.D
Level 2	STD 240-67554/13	P9120613.D
Level 3	STD 240-67554/14	P9120614.D
Level 4	STD 240-67554/15	P9120615.D
Level 5	STD 240-67554/16	P9120616.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Toxaphene Peak 1	10.897	10.899	10.898	10.898	10.899						10.868 - 10.928	10.898
Toxaphene Peak 2	11.446	11.447	11.448	11.446	11.447						11.418 - 11.478	11.447
Toxaphene Peak 3	11.848	11.848	11.848	11.848	11.849						11.818 - 11.878	11.848
Toxaphene Peak 4	12.076	12.076	12.077	12.077	12.075						12.047 - 12.107	12.076
Toxaphene Peak 5	12.462	12.464	12.464	12.462	12.463						12.434 - 12.494	12.463

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 13:58 Calibration End Date: 12/06/2012 15:48 Calibration ID: 12713

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67554/12	P9120612.D
Level 2	STD 240-67554/13	P9120613.D
Level 3	STD 240-67554/14	P9120614.D
Level 4	STD 240-67554/15	P9120615.D
Level 5	STD 240-67554/16	P9120616.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								
Toxaphene Peak 1	292472455 242577652	247351926	269496535	275528207	Ave		265485355				7.8		20.0			
Toxaphene Peak 2	181091705 155123166	150367618	171680539	171651217	Ave		165982849				7.7		20.0			
Toxaphene Peak 3	187382015 164288364	144909356	176931653	183927924	Ave		171487862				10.0		20.0			
Toxaphene Peak 4	274171610 249471444	216798870	270000292	273537764	Ave		256795996				9.6		20.0			
Toxaphene Peak 5	129109850 123897767	89781630	129671979	138837582	Ave		122259762				15.0		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 67554

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/06/2012 13:58 Calibration End Date: 12/06/2012 15:48 Calibration ID: 12713

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67554/12	P9120612.D
Level 2	STD 240-67554/13	P9120613.D
Level 3	STD 240-67554/14	P9120614.D
Level 4	STD 240-67554/15	P9120615.D
Level 5	STD 240-67554/16	P9120616.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
Toxaphene Peak 1	Ave	58494491	123675963	269496535	551056414	1212888260	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 2	Ave	36218341	75183809	171680539	343302433	775615828	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 3	Ave	37476403	72454678	176931653	367855848	821441819	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 4	Ave	54834322	108399435	270000292	547075527	1247357220	0.200	0.500	1.00	2.00	5.00
Toxaphene Peak 5	Ave	25821970	44890815	129671979	277675164	619488835	0.200	0.500	1.00	2.00	5.00

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120612.D		
Lims ID:	STD TOX 1	Client ID:	
Inject. Date:	06-Dec-2012 13:58:34	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0015581-012		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	67554	Lims Sample ID:	12
Sublist:	chrom-PEST9*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m		
Last Update:	07-Dec-2012 10:25:30	Calib Date:	06-Dec-2012 18:34:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK003		

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:38:30

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.505	9.508	-0.003	14278289	0.2070		100.0	M
1	2	9.952	9.951	0.001	18422059	0.2155	105.5- 145.5	129.0	M
1	3	10.019	10.021	-0.002	15404190	0.2088	90.3- 130.3	107.9	M
1	4	10.604	10.605	-0.001	21033380	0.2130	116.9- 156.9	147.3	M
1	5	11.168	11.170	-0.002	13099054	0.2059	64.5- 104.5	91.7	M
			Average of Peak Amounts =			0.2100			
2	100	10.897	10.898	-0.001	58494491	0.2203		100.0	M
2	2	11.446	11.448	-0.002	36218341	0.2182	43.7- 83.7	61.9	M
2	3	11.848	11.848	0.000	37476403	0.2185	45.7- 85.7	64.1	M
2	4	12.076	12.077	-0.001	54834322	0.2135	80.2- 120.2	93.7	M
2	5	12.462	12.464	-0.002	25821970	0.2112	28.1- 68.1	44.1	M
			Average of Peak Amounts =			0.2164			
						RPD = 2.96			

QC Flag Legend

Review Flags
M - Manually Integrated

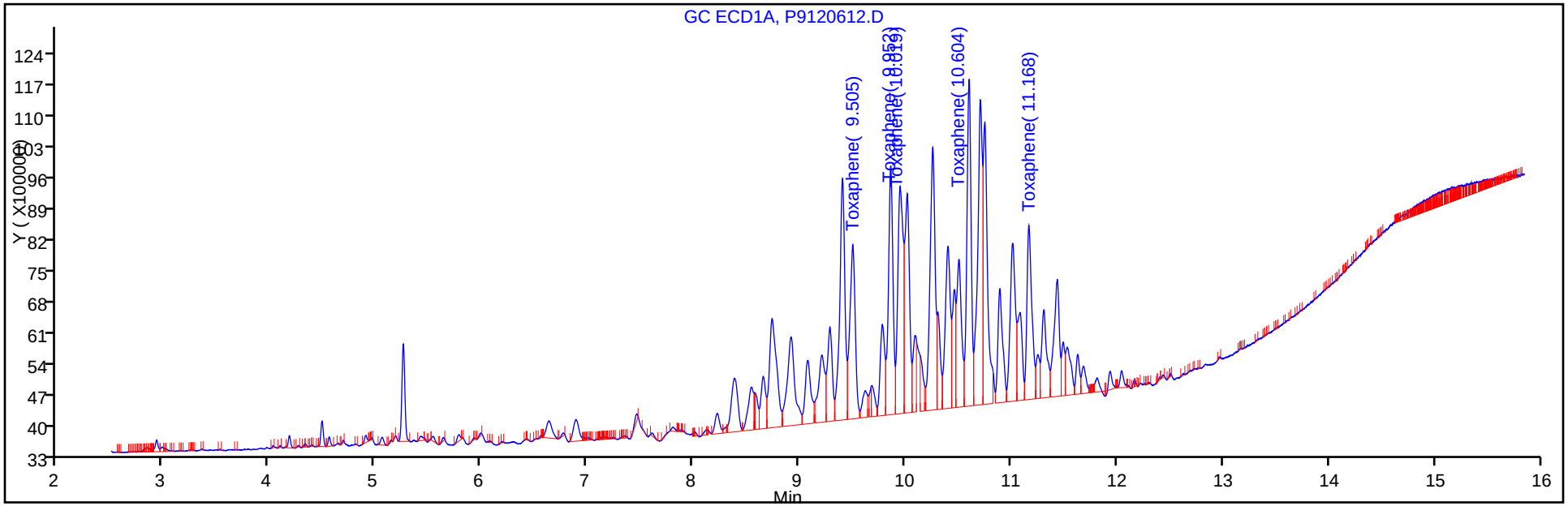
Report Date: 07-Dec-2012 10:25:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

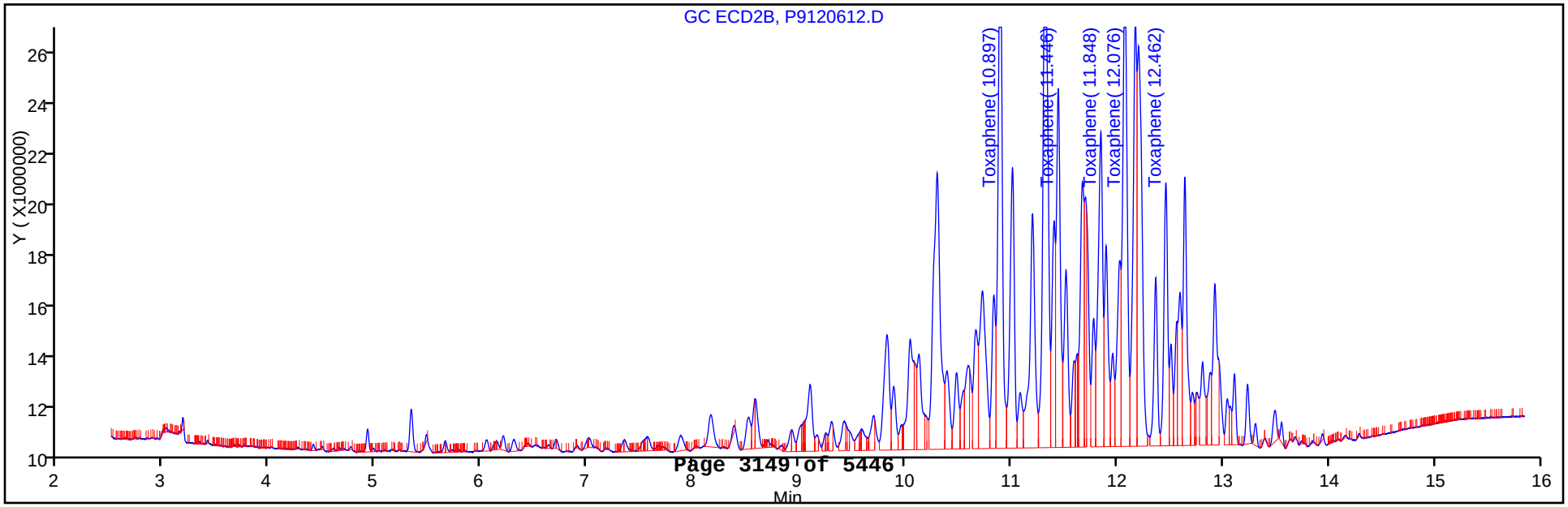
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120612.D

Injection Date:	06-Dec-2012 13:58:34	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	12
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



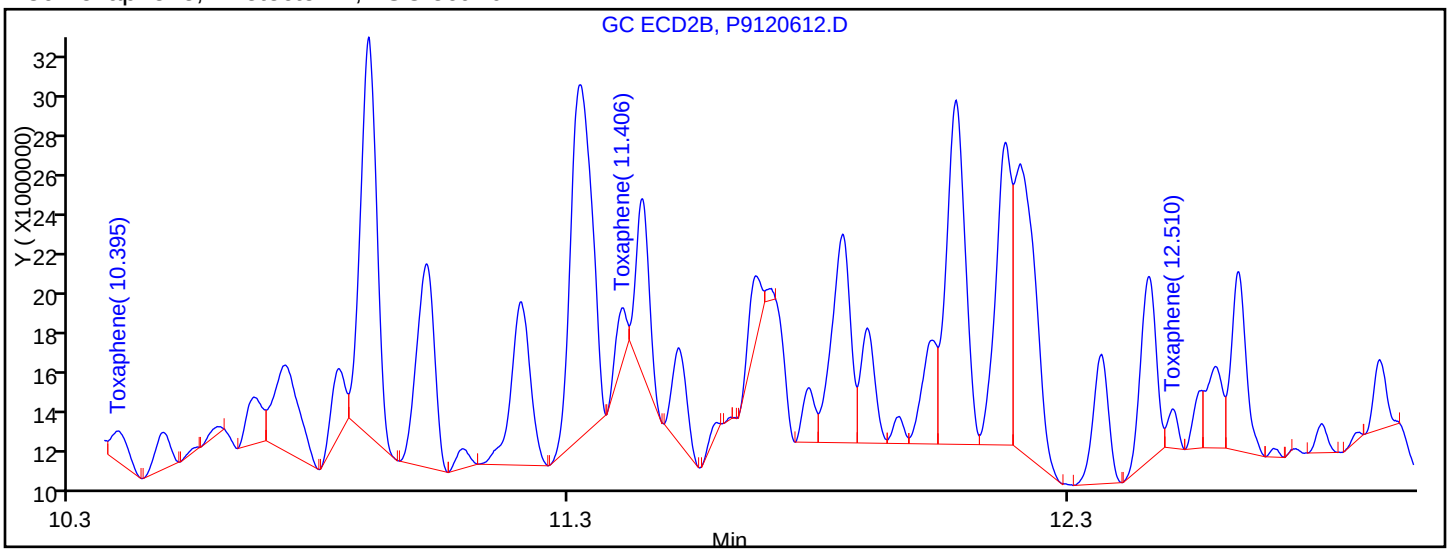
Report Date: 07-Dec-2012 10:25:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120612.D

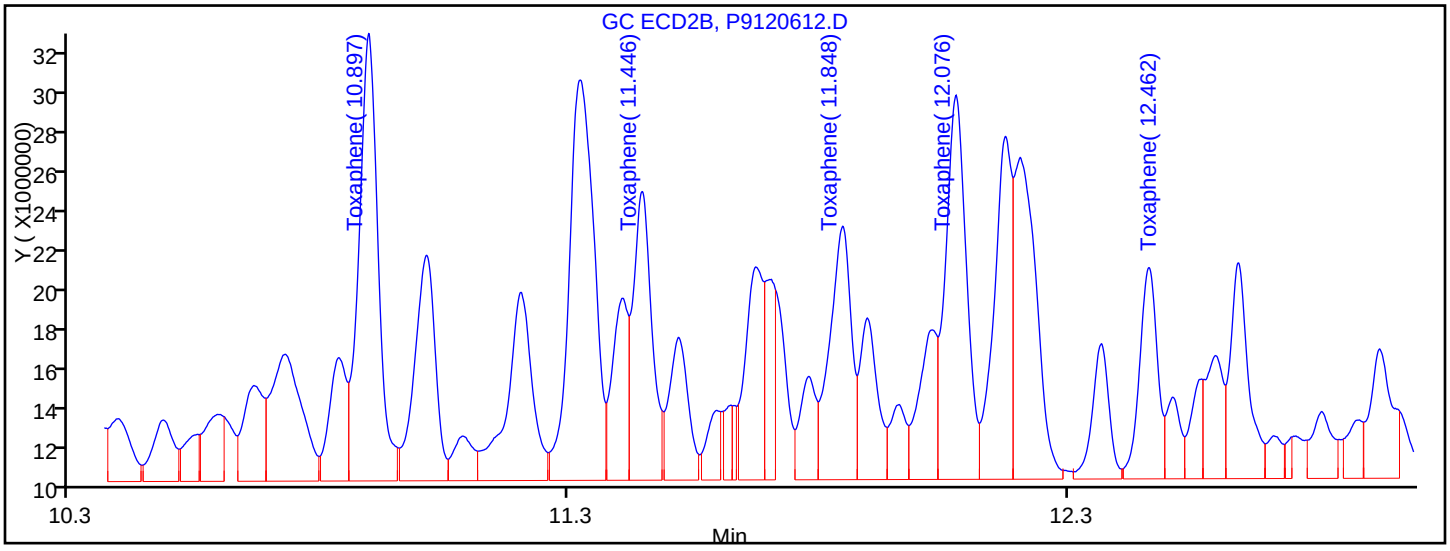
Injection Date:	06-Dec-2012 13:58:34	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	12
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.395	Response = 3466883	M
RT = 11.406	Response = 4179367	M
RT = 0.000	Response = 0	M
RT = 0.000	Response = 0	M
RT = 12.510	Response = 2689233	M



Manual Integration Results

RT = 10.897	Response = 58494491	M
RT = 11.446	Response = 36218341	M
RT = 11.848	Response = 37476403	M
RT = 12.076	Response = 54834322	M
RT = 12.462	Response = 25821970	M

Reviewer: vandorenc, 07-Dec-2012 07:38:30

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120613.D
Lims ID: STD TOX2 Client ID:
Inject. Date: 06-Dec-2012 14:24:05 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0015581-013
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 67554 Lims Sample ID: 13
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:33 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:41:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100	9.506	9.508	-0.002	38274185	0.5548		100.0	M
1	2	9.952	9.951	0.001	44122100	0.5162	105.5- 145.5	115.3	M
1	3	10.021	10.021	0.000	37490609	0.5082	90.3- 130.3	98.0	M
1	4	10.603	10.605	-0.002	53447826	0.5413	116.9- 156.9	139.6	M
1	5	11.169	11.170	-0.001	35262573	0.5542	64.5- 104.5	92.1	M
			Average of Peak Amounts =			0.5349			
2	100	10.899	10.898	0.001	123675963	0.4658		100.0	
2	2	11.447	11.448	-0.001	75183809	0.4530	43.7- 83.7	60.8	A
2	3	11.848	11.848	0.000	72454678	0.4225	45.7- 85.7	58.6	A
2	4	12.076	12.077	-0.001	108399435	0.4221	80.2- 120.2	87.6	A
2	5	12.464	12.464	0.000	44890815	0.3672	28.1- 68.1	36.3	A
			Average of Peak Amounts =			0.4261			
						RPD = 22.65			

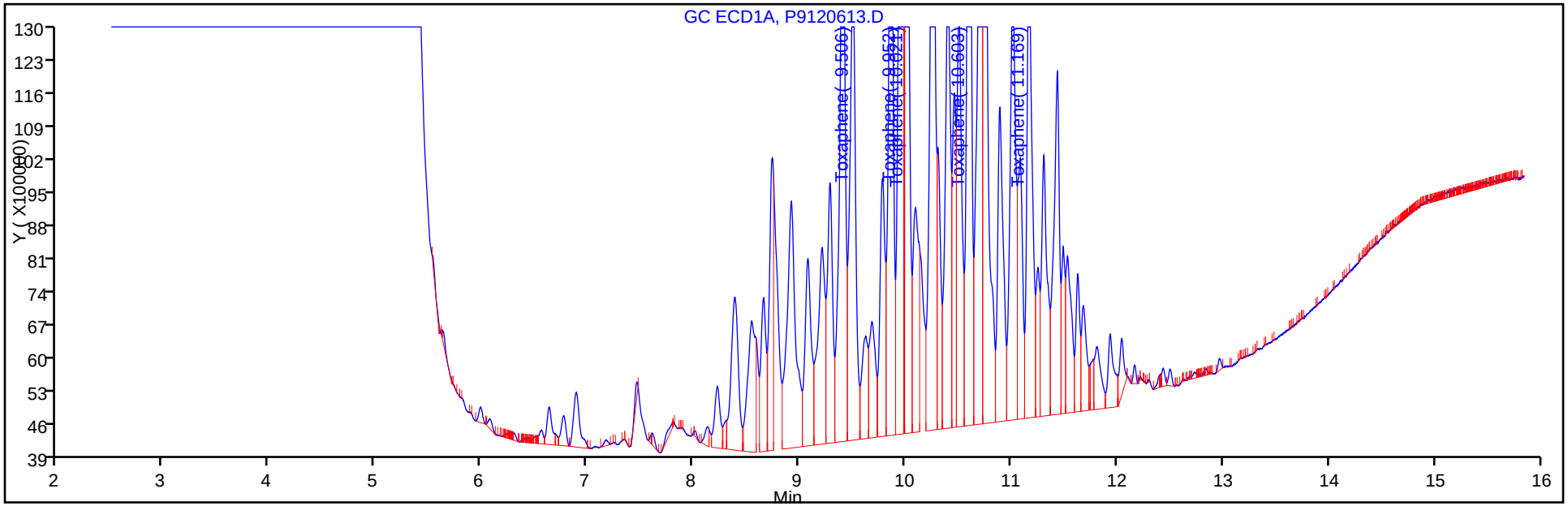
Report Date: 07-Dec-2012 10:25:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

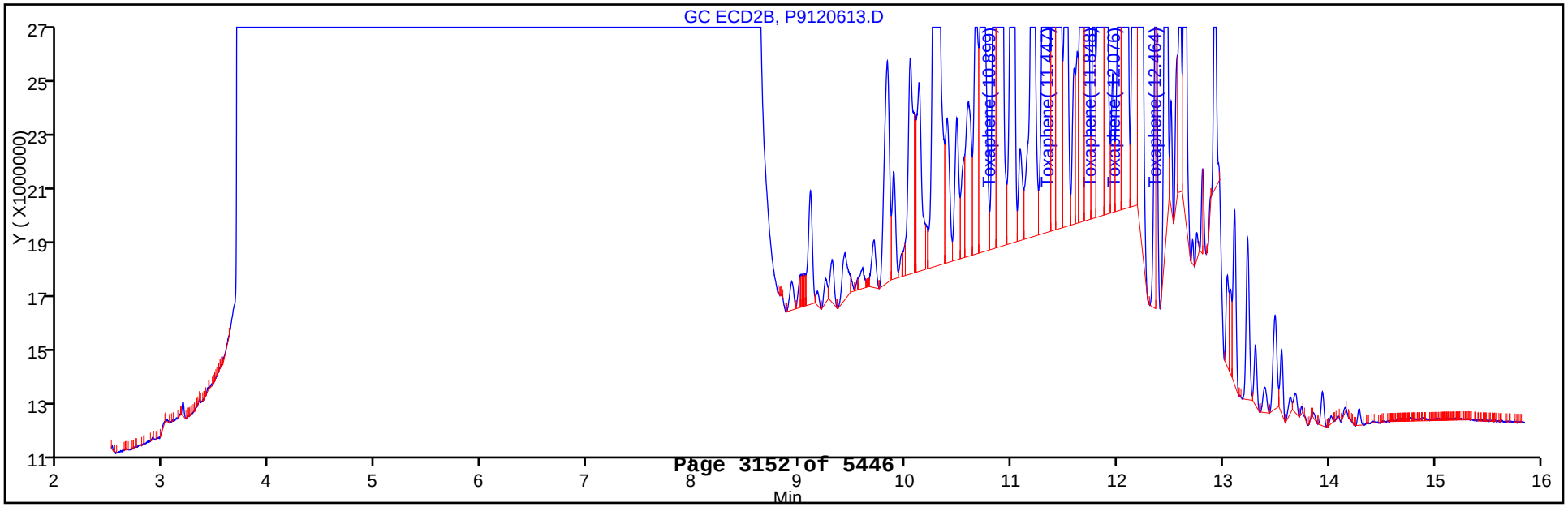
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Injection Date:	06-Dec-2012 14:24:05	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	13
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120614.D
Lims ID: STD TOX3 Client ID:
Inject. Date: 06-Dec-2012 14:52:12 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0015581-014
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 67554 Lims Sample ID: 14
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:35 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:45:50

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100	9.508	9.508	0.000	62258278	0.9024		100.0	M
1	2	9.951	9.951	0.000	78150246	0.9144	105.5- 145.5	125.5	M
1	3	10.021	10.021	0.000	68653392	0.9307	90.3- 130.3	110.3	M
1	4	10.605	10.605	0.000	85217063	0.8630	116.9- 156.9	136.9	A
1	5	11.170	11.170	0.000	52584471	0.8265	64.5- 104.5	84.5	A
			Average of Peak Amounts =			0.8874			
2	100	10.898	10.898	0.000	269496535	1.02		100.0	
2	2	11.448	11.448	0.000	171680539	1.03	43.7- 83.7	63.7	A
2	3	11.848	11.848	0.000	176931653	1.03	45.7- 85.7	65.7	A
2	4	12.077	12.077	0.000	270000292	1.05	80.2- 120.2	100.2	A
2	5	12.464	12.464	0.000	129671979	1.06	28.1- 68.1	48.1	A
			Average of Peak Amounts =			1.04			
						RPD = 15.71			

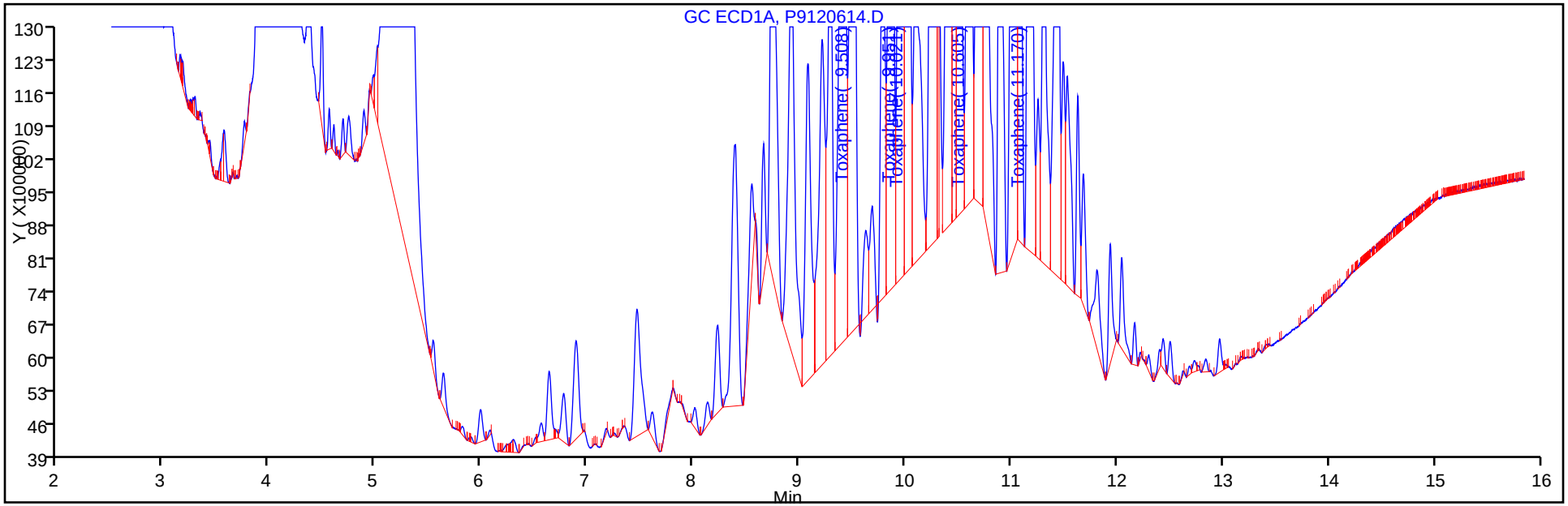
Report Date: 07-Dec-2012 10:25:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

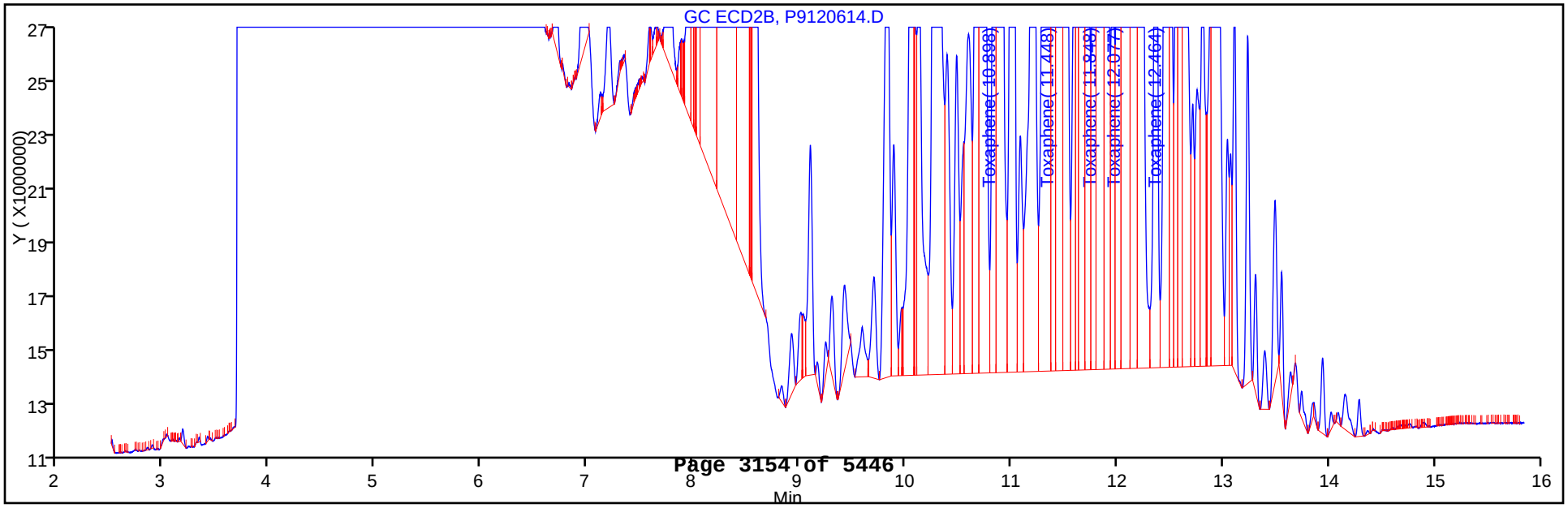
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120614.D

Injection Date:	06-Dec-2012 14:52:12	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	14
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120615.D
Lims ID: STD TOX4 Client ID:
Inject. Date: 06-Dec-2012 15:20:19 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0015581-015
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 67554 Lims Sample ID: 15
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:37 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:46:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.508	9.508	0.000	141225982	2.05		100.0	
1	2	9.956	9.951	0.005	177649323	2.08	105.5- 145.5	125.8	
1	3	10.020	10.021	-0.001	154190096	2.09	90.3- 130.3	109.2	
1	4	10.604	10.605	-0.001	206269423	2.09	116.9- 156.9	146.1	
1	5	11.170	11.170	0.000	132772916	2.09	64.5- 104.5	94.0	
			Average of Peak Amounts =			2.08			
2	100	10.898	10.898	0.000	551056414	2.08		100.0	M
2	2	11.446	11.448	-0.002	343302433	2.07	43.7- 83.7	62.3	M
2	3	11.848	11.848	0.000	367855848	2.15	45.7- 85.7	66.8	M
2	4	12.077	12.077	0.000	547075527	2.13	80.2- 120.2	99.3	M
2	5	12.462	12.464	-0.002	277675164	2.27	28.1- 68.1	50.4	M
			Average of Peak Amounts =			2.14			
						RPD = 2.84			

QC Flag Legend

Review Flags
M - Manually Integrated

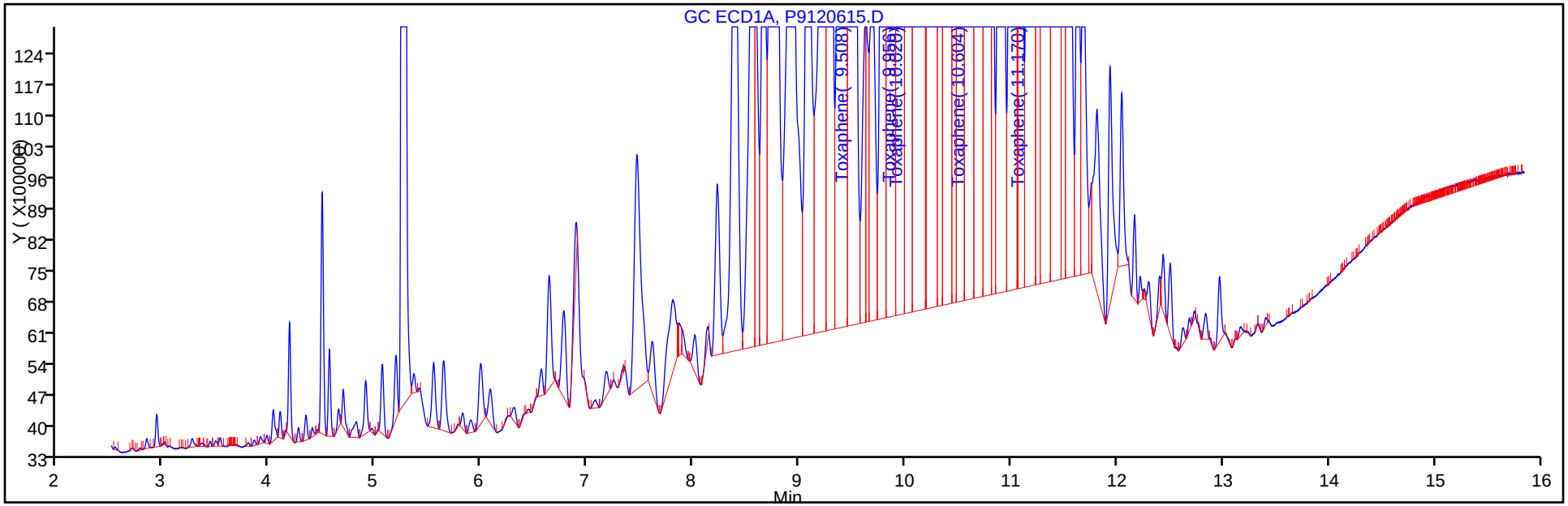
Report Date: 07-Dec-2012 10:25:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

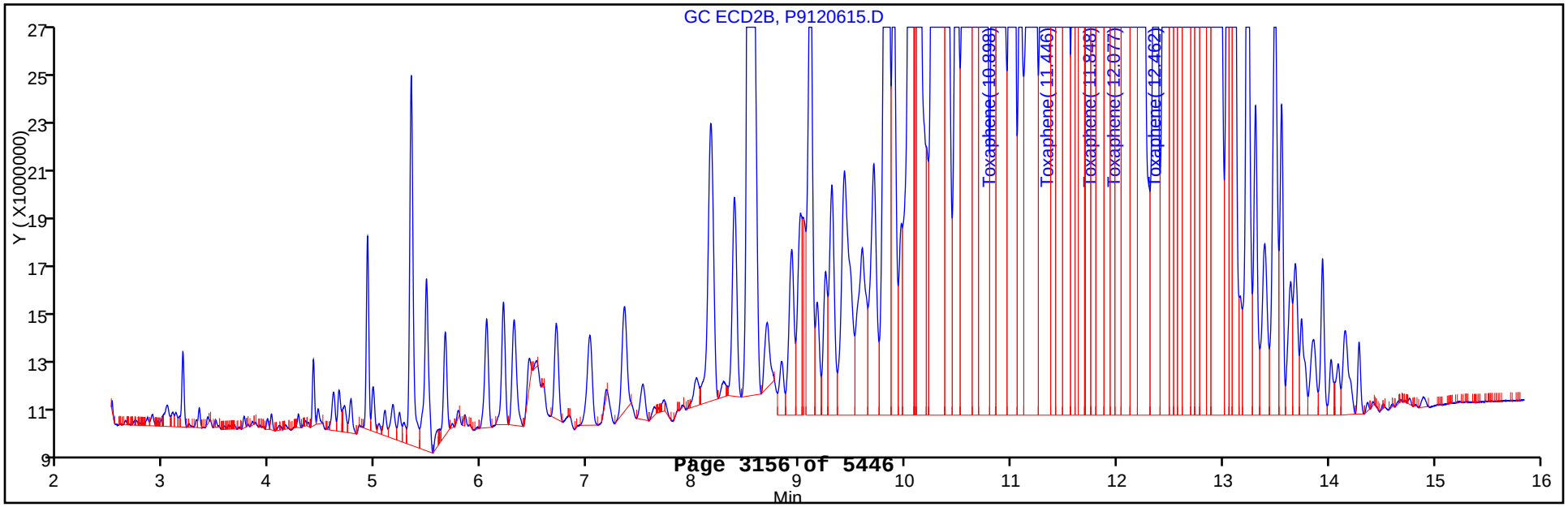
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120615.D

Injection Date:	06-Dec-2012 15:20:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	15
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



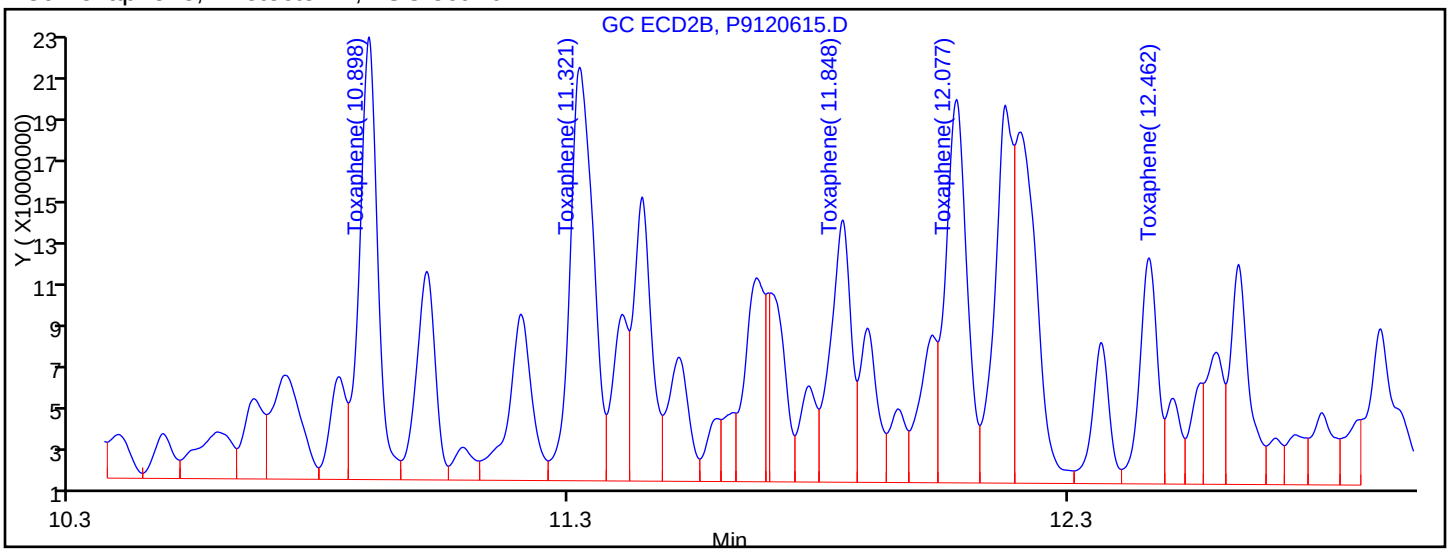
Report Date: 07-Dec-2012 10:25:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120615.D

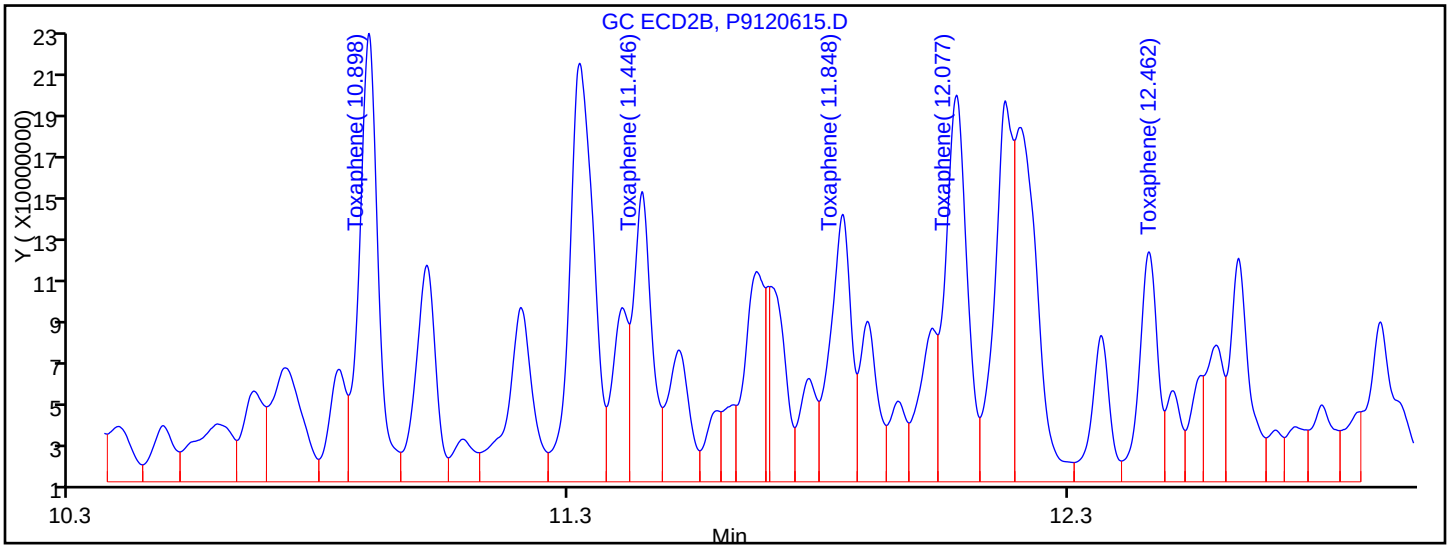
Injection Date:	06-Dec-2012 15:20:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	15
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.898	Response = 519328326	M
RT = 11.321	Response = 623613676	M
RT = 11.848	Response = 350232487	M
RT = 12.077	Response = 529312213	M
RT = 12.462	Response = 261874423	M



Manual Integration Results

RT = 10.898	Response = 551056414	M
RT = 11.446	Response = 343302433	M
RT = 11.848	Response = 367855848	M
RT = 12.077	Response = 547075527	M
RT = 12.462	Response = 277675164	M

Reviewer: vandorenc, 07-Dec-2012 07:46:32

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120616.D
Lims ID: STD TOX5 Client ID:
Inject. Date: 06-Dec-2012 15:48:28 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0015581-016
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 16
Lims Batch ID: 67554 Lims Sample ID: 16
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:40 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:47:19

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100	9.507	9.508	-0.001	320764328	4.65		100.0	
1	2	9.954	9.951	0.003	400093900	4.68	105.5- 145.5	124.7	
1	3	10.021	10.021	0.000	355384770	4.82	90.3- 130.3	110.8	
1	4	10.603	10.605	-0.002	466522531	4.72	116.9- 156.9	145.4	
1	5	11.170	11.170	0.000	315689490	4.96	64.5- 104.5	98.4	
			Average of Peak Amounts =			4.77			
2	100	10.899	10.898	0.001	1212888260	4.57		100.0	
2	2	11.447	11.448	-0.001	775615828	4.67	43.7- 83.7	63.9	A
2	3	11.849	11.848	0.001	821441819	4.79	45.7- 85.7	67.7	
2	4	12.075	12.077	-0.002	1247357220	4.86	80.2- 120.2	102.8	
2	5	12.463	12.464	-0.001	619488835	5.07	28.1- 68.1	51.1	
			Average of Peak Amounts =			4.79			
						RPD = 0.51			

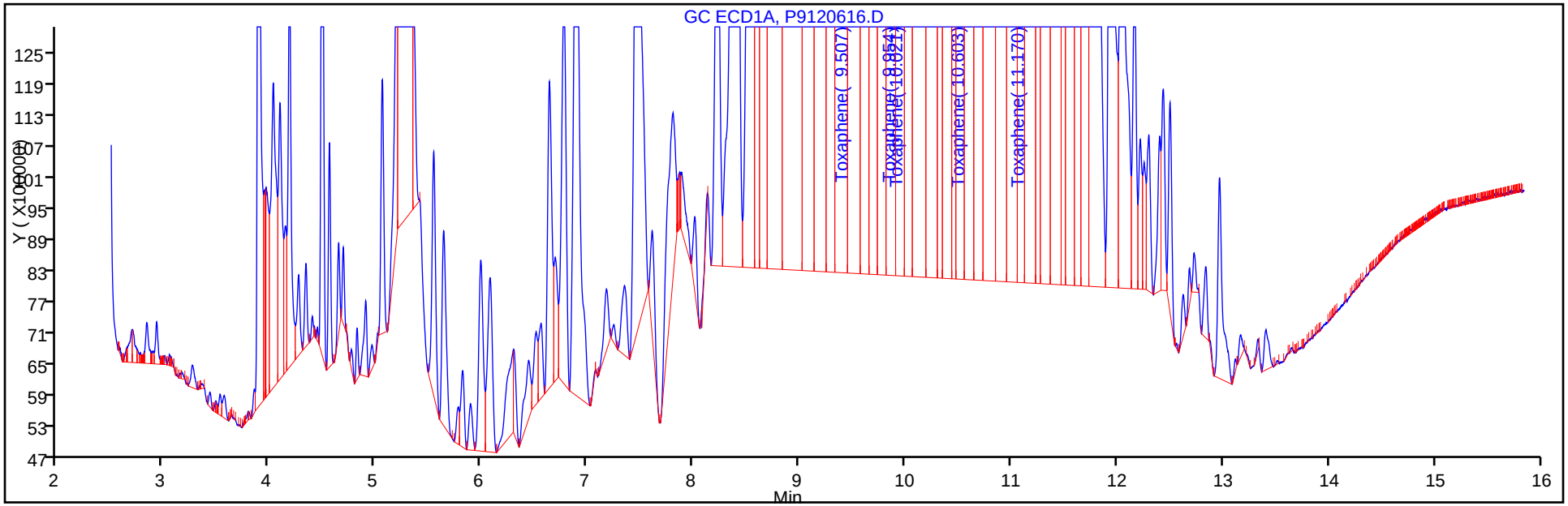
Report Date: 07-Dec-2012 10:25:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

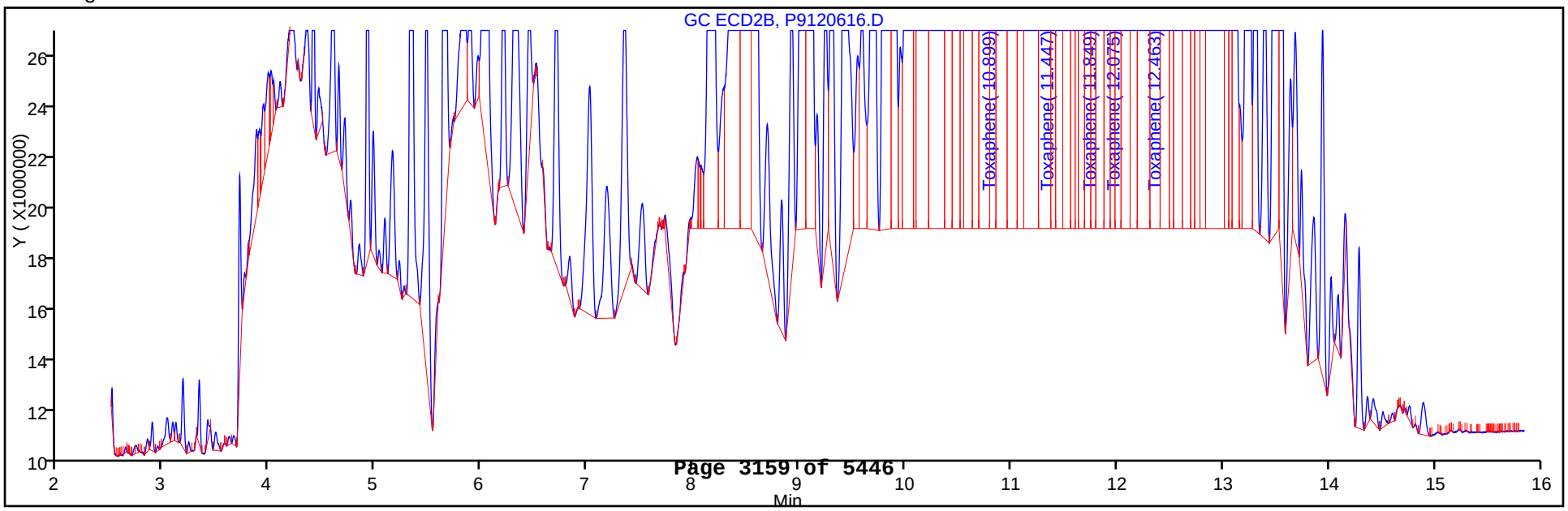
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120616.D

Injection Date:	06-Dec-2012 15:48:28	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	16
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13014

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69893/5	P9122205.D
Level 2	STD 240-69893/6	P9122206.D
Level 3	STD 240-69893/7	P9122207.D
Level 4	STD 240-69893/8	P9122208.D
Level 5	STD 240-69893/9	P9122209.D
Level 6	STD 240-69893/10	P9122210.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
alpha-BHC	4.182	4.181	4.182	4.181	4.180	4.181					4.152 - 4.212	4.181
gamma-BHC (Lindane)	4.559	4.556	4.557	4.557	4.557	4.556					4.527 - 4.587	4.557
beta-BHC	4.691	4.688	4.689	4.690	4.688	4.688					4.659 - 4.719	4.689
delta-BHC	4.905	4.902	4.902	4.903	4.901	4.901					4.872 - 4.932	4.902
Heptachlor	5.185	5.182	5.183	5.183	5.182	5.182					5.148 - 5.218	5.183
Aldrin	5.636	5.633	5.633	5.633	5.633	5.633					5.603 - 5.663	5.634
Heptachlor epoxide	6.864	6.859	6.860	6.860	6.859	6.859					6.830 - 6.890	6.860
gamma-Chlordane	7.168	7.164	7.166	7.167	7.164	7.166					7.136 - 7.196	7.166
alpha-Chlordane	7.519	7.515	7.516	7.516	7.513	7.516					7.486 - 7.546	7.516
Endosulfan I	7.797	7.793	7.794	7.795	7.793	7.793					7.764 - 7.824	7.794
4,4'-DDE	7.902	7.899	7.899	7.896	7.896	7.896					7.869 - 7.929	7.898
Dieldrin	8.362	8.360	8.361	8.361	8.358	8.359					8.331 - 8.391	8.360
Endrin	8.820	8.819	8.818	8.819	8.818	8.817					8.788 - 8.848	8.819
4,4'-DDD	9.191	9.185	9.185	9.184	9.183	9.182					9.155 - 9.215	9.185
Endosulfan II	9.273	9.269	9.269	9.270	9.271	9.267					9.239 - 9.299	9.270
4,4'-DDT	9.709	9.705	9.706	9.708	9.704	9.706					9.676 - 9.736	9.706
Endrin aldehyde	10.068	10.065	10.065	10.067	10.065	10.065					10.035 - 10.095	10.066
Methoxychlor	10.664	10.660	10.659	10.659	10.658	10.656					10.629 - 10.689	10.659
Endosulfan sulfate	10.791	10.788	10.789	10.790	10.788	10.789					10.759 - 10.819	10.789
Endrin ketone	11.191	11.189	11.188	11.190	11.189	11.188					11.158 - 11.218	11.189
Tetrachloro-m-xylene	3.501	3.499	3.499	3.499	3.498	3.498					3.469 - 3.529	3.499
DCB Decachlorobiphenyl	12.802	12.801	12.802	12.800	12.800	12.801					12.772 - 12.832	12.801

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13014

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69893/5	P9122205.D
Level 2	STD 240-69893/6	P9122206.D
Level 3	STD 240-69893/7	P9122207.D
Level 4	STD 240-69893/8	P9122208.D
Level 5	STD 240-69893/9	P9122209.D
Level 6	STD 240-69893/10	P9122210.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								
alpha-BHC	3839716800 3818223650	3488684600 3840708835	3889024240	3982567560	Ave		3809820948				4.4		20.0			
gamma-BHC (Lindane)	3167027200 3087702660	2906343800 3181155535	3152465480	3198675960	Ave		3115561773				3.5		20.0			
beta-BHC	1486772600 1304205040	1307439700 1302221135	1352056160	1388087740	Ave		1356797063				5.3		20.0			
delta-BHC	3267766600 3442311240	3056045600 3435925600	3447441720	3605977520	Ave		3375911380				5.6		20.0			
Heptachlor	2867950200 2594526660	2724477100 2679002455	2796003520	2800988080	Ave		2743824669				3.6		20.0			
Aldrin	3899331600 3428876710	3378049900 3316308855	3634443160	3676625960	Ave		3555606031				6.2		20.0			
Heptachlor epoxide	2933378400 2567079080	2691231200 2601234880	2810001800	2724722040	Ave		2721274567				5.0		20.0			
gamma-Chlordane	3202120000 2975626770	2925314900 3062176015	3118688520	3095260680	Ave		3063197814				3.3		20.0			
alpha-Chlordane	3372705000 3048408380	3018639300 3106475915	3219372280	3182119100	Ave		3157953329				4.1		20.0			
Endosulfan I	2762502400 2413296620	2560137800 2444678325	2612908120	2558460400	Ave		2558663944				4.9		20.0			
4,4'-DDE	3558192200 3214665890	3110168000 3217641270	3323697960	3414697700	Ave		3306510503				4.9		20.0			
Dieldrin	2744709200 2581746380	2571566800 2615849000	2712655600	2703083340	Ave		2654935053				2.8		20.0			
Endrin	2605385400 2325550560	2448739900 2342236045	2503108920	2437704040	Ave		2443787478				4.3		20.0			
4,4'-DDD	1872060600 1888553900	1781206100 2004334645	1899783440	1895578400	Ave		1890252848				3.8		20.0			
Endosulfan II	2718501400 2381659030	2555348600 2398456965	2590656640	2514943420	Ave		2526594343				5.0		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13014

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								
4,4'-DDT	1757725600 1910777280	1725412100 2081806860	1905567000	1881273480	Ave		1877093720				6.8		20.0			
Endrin aldehyde	1930485000 1735564280	1848720700 1788379030	1900758000	1828234980	Ave		1838690332				3.9		20.0			
Methoxychlor	913632800 852580720	834322200 883590800	904641360	878509800	Ave		877879613				3.4		20.0			
Endosulfan sulfate	2330950600 2175085460	2160498100 2207148440	2297923880	2258796620	Ave		2238400517				3.1		20.0			
Endrin ketone	2518409200 2198987720	2344056900 2284246215	2401398640	2300994620	Ave		2341348883				4.7		20.0			
Tetrachloro-m-xylene	2975390400 2629432940	2632778800 2497974465	2788366280	2789259320	Ave		2718867034				6.1		20.0			
DCB Decachlorobiphenyl	2760238400 2420313980	2508622700 2506290295	2566090760	2554947140	Ave		2552750546				4.5		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13014

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69893/5	P9122205.D
Level 2	STD 240-69893/6	P9122206.D
Level 3	STD 240-69893/7	P9122207.D
Level 4	STD 240-69893/8	P9122208.D
Level 5	STD 240-69893/9	P9122209.D
Level 6	STD 240-69893/10	P9122210.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
alpha-BHC	Ave	19198584 768141767	34886846	97225606	199128378	381822365	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-BHC (Lindane)	Ave	15835136 636231107	29063438	78811637	159933798	308770266	0.00500 0.200	0.0100	0.0250	0.0500	0.100
beta-BHC	Ave	7433863 260444227	13074397	33801404	69404387	130420504	0.00500 0.200	0.0100	0.0250	0.0500	0.100
delta-BHC	Ave	16338833 687185120	30560456	86186043	180298876	344231124	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor	Ave	14339751 535800491	27244771	69900088	140049404	259452666	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Aldrin	Ave	19496658 663261771	33780499	90861079	183831298	342887671	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor epoxide	Ave	14666892 520246976	26912312	70250045	136236102	256707908	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-Chlordane	Ave	16010600 612435203	29253149	77967213	154763034	297562677	0.00500 0.200	0.0100	0.0250	0.0500	0.100
alpha-Chlordane	Ave	16863525 621295183	30186393	80484307	159105955	304840838	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan I	Ave	13812512 488935665	25601378	65322703	127923020	241329662	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDE	Ave	17790961 643528254	31101680	83092449	170734885	321466589	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Dieldrin	Ave	13723546 523169800	25715668	67816390	135154167	258174638	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin	Ave	13026927 468447209	24487399	62577723	121885202	232555056	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDD	Ave	9360303 400866929	17812061	47494586	94778920	188855390	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan II	Ave	13592507 479691393	25553486	64766416	125747171	238165903	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDT	Ave	8788628 416361372	17254121	47639175	94063674	191077728	0.00500 0.200	0.0100	0.0250	0.0500	0.100

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13014

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
Endrin aldehyde	Ave	9652425 357675806	18487207	47518950	91411749	173556428	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Methoxychlor	Ave	4568164 176718160	8343222	22616034	43925490	85258072	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan sulfate	Ave	11654753 441429688	21604981	57448097	112939831	217508546	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin ketone	Ave	12592046 456849243	23440569	60034966	115049731	219898772	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Tetrachloro-m-xylene	Ave	14876952 499594893	26327788	69709157	139462966	262943294	0.00500 0.200	0.0100	0.0250	0.0500	0.100
DCB Decachlorobiphenyl	Ave	13801192 501258059	25086227	64152269	127747357	242031398	0.00500 0.200	0.0100	0.0250	0.0500	0.100

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122205.D
Lims ID: STD AB L1 Client ID:
Inject. Date: 22-Dec-2012 13:11:51 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0016122-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 69893 Lims Sample ID: 5
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:42 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 10:43:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.499	0.002	14876952	0.005472			
2	100	4.089	4.089	0.000	45380358	0.005171			
						RPD = 5.65			
5 alpha-BHC									
1	100	4.182	4.182	0.000	19198584	0.005039			
2	100	4.913	4.913	0.000	59493681	0.004515			
						RPD = 10.98			
20 gamma-BHC (Lindane)									
1	100	4.559	4.557	0.002	15835136	0.005083			
2	100	5.469	5.467	0.002	49879707	0.004782			
						RPD = 6.10			
7 beta-BHC									
1	100	4.691	4.689	0.002	7433863	0.005479			
2	100	5.645	5.643	0.002	23846980	0.005466			
						RPD = 0.23			
11 delta-BHC									
1	100	4.905	4.902	0.003	16338833	0.004840			
2	100	6.192	6.192	0.000	49410144	0.004552			
						RPD = 6.13			
22 Heptachlor									
1	100	5.185	5.183	0.002	14339751	0.005226			
2	100	6.290	6.289	0.001	46687197	0.005303			
						RPD = 1.45			
4 Aldrin									
1	100	5.636	5.633	0.003	19496658	0.005483			
2	100	7.006	7.005	0.001	56146408	0.005280			
						RPD = 3.77			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.864	6.860	0.004	14666892	0.005390			
2	100	8.492	8.492	0.000	44116721	0.005287			
						RPD = 1.92			
21 gamma-Chlordane									
1	100	7.168	7.166	0.002	16010600	0.005227			
2	100	8.920	8.919	0.001	46868464	0.005248			
						RPD = 0.40			
6 alpha-Chlordane									
1	100	7.519	7.516	0.003	16863525	0.005340			
2	100	9.233	9.232	0.001	47466433	0.005364			
						RPD = 0.45			
14 Endosulfan I									
1	100	7.797	7.794	0.003	13812512	0.005398			
2	100	9.293	9.294	-0.001	38111528	0.005343			
						RPD = 1.03			
2 4,4'-DDE									
1	100	7.902	7.899	0.003	17790961	0.005381			
2	100	9.695	9.694	0.001	45113319	0.005218			
						RPD = 3.06			
13 Dieldrin									
1	100	8.362	8.361	0.001	13723546	0.005169			
2	100	9.830	9.829	0.001	40887928	0.005156			
						RPD = 0.26			
17 Endrin									
1	100	8.820	8.818	0.002	13026927	0.005331			
2	100	10.353	10.351	0.002	36002396	0.005111			
						RPD = 4.21			
1 4,4'-DDD									
1	100	9.191	9.185	0.006	9360303	0.004952			
2	100	10.726	10.724	0.002	61449978	0.004961			
						RPD = 0.18			
15 Endosulfan II									
1	100	9.273	9.269	0.004	13592507	0.005380			
2	100	10.726	10.724	0.002	61449978	0.004961			
						RPD = 8.10			
3 4,4'-DDT									
1	100	9.709	9.706	0.003	8788628	0.004682			
2	100	11.210	11.209	0.001	21588831	0.004627			
						RPD = 1.18			
18 Endrin aldehyde									
1	100	10.068	10.065	0.003	9652425	0.005250			
2	100	11.297	11.297	0.000	27719699	0.005278			
						RPD = 0.54			
27 Methoxychlor									M
1	100	10.664	10.659	0.005	4568164	0.005204			M
2	100	12.291	12.288	0.003	11707426	0.005067			
						RPD = 2.65			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									M
1	100	10.791	10.789	0.002	11654753	0.005207			M
2	100	11.731	11.730	0.001	31049046	0.004886			
						RPD = 6.35			
19 Endrin ketone									
1	100	11.191	11.188	0.003	12592046	0.005378			
2	100	12.468	12.467	0.001	31911339	0.005103			
						RPD = 5.25			
$ 10 DCB Decachlorobiphenyl									
1	100	12.802	12.802	0.000	13801192	0.005406			
2	100	14.246	14.247	-0.001	35638927	0.005246			
						RPD = 3.00			

QC Flag Legend

Review Flags
M - Manually Integrated

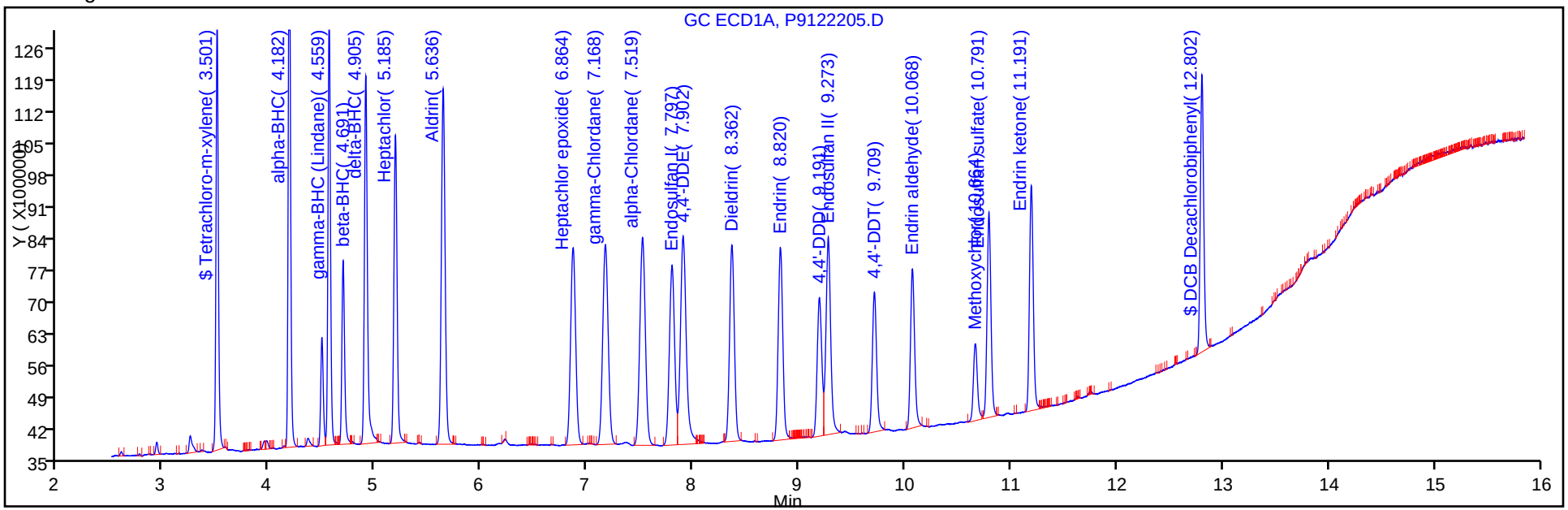
Report Date: 31-Dec-2012 10:57:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

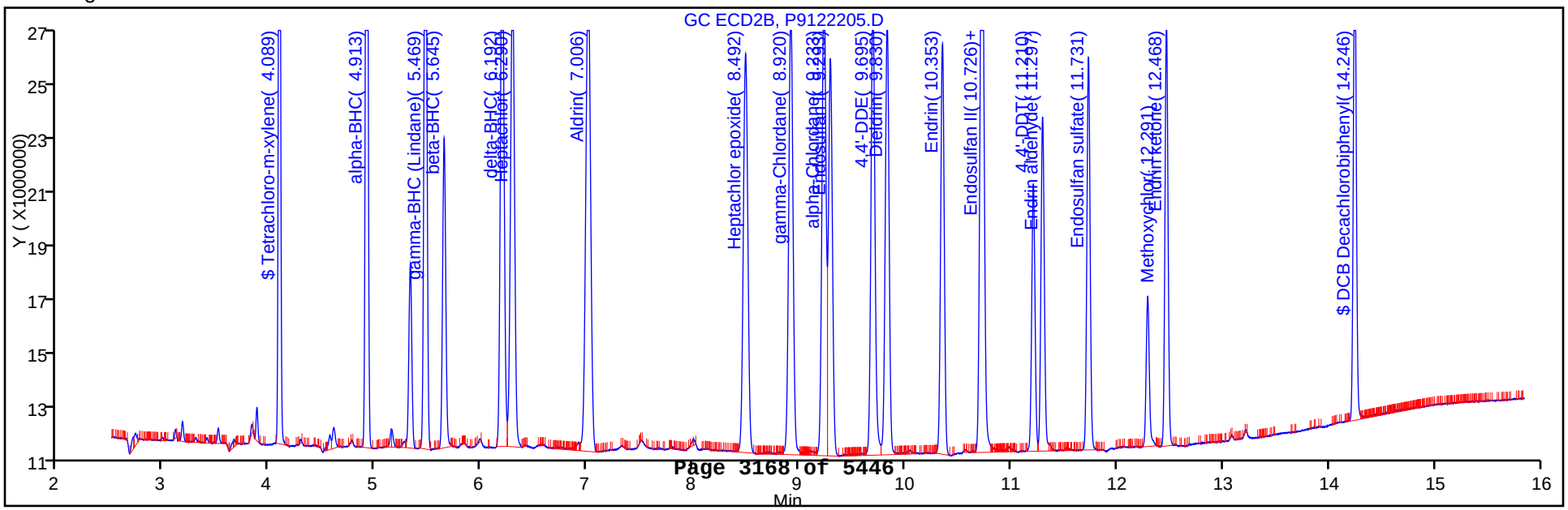
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122205.D

Injection Date:	22-Dec-2012 13:11:51	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

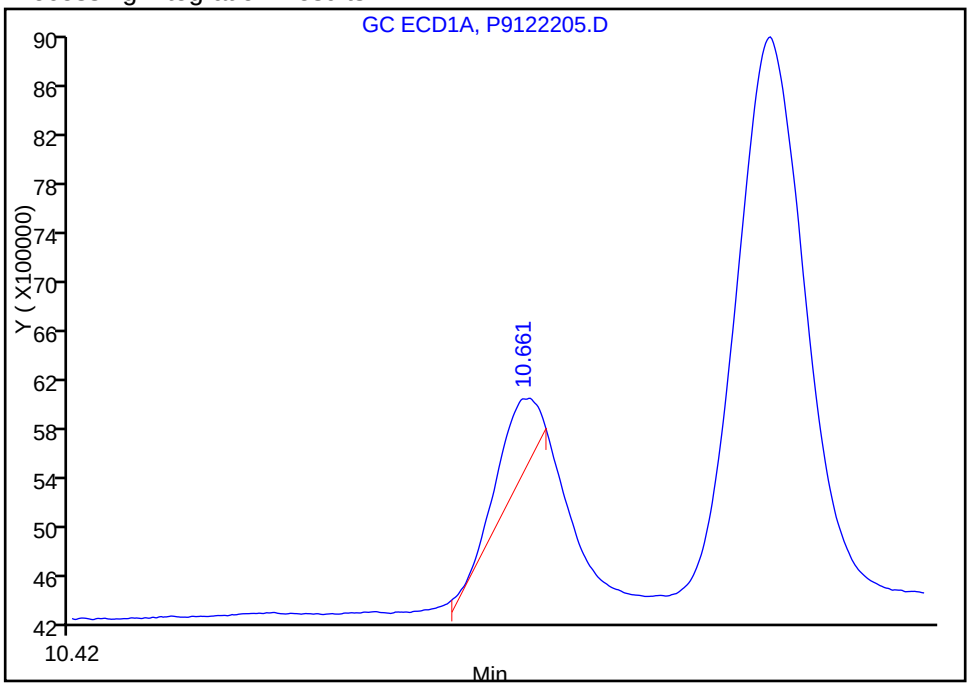
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122205.D		
Injection Date:	22-Dec-2012 13:11:51	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

27 Methoxychlor, Signal: 1, Type: quant, RT: 10.66, Det: GC ECD1A

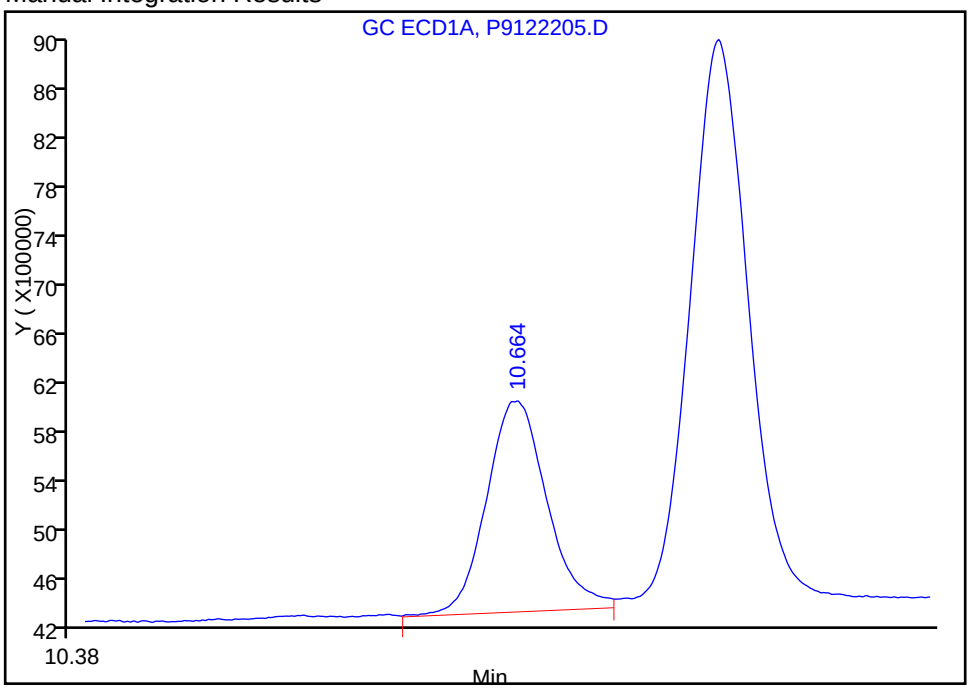
Processing Integration Results

RT: 10.66
Response: 904009
Amount: 0.001196



Manual Integration Results

RT: 10.66
Response: 4568164
Amount: 0.005204



Reviewer: vandorenc, 31-Dec-2012 10:43:55
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

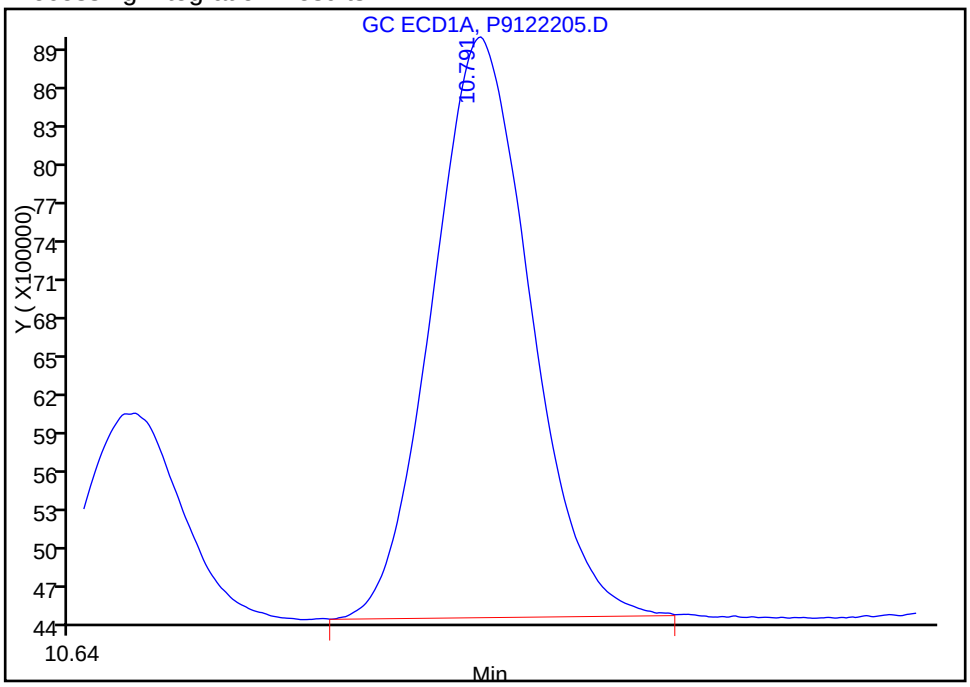
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122205.D		
Injection Date:	22-Dec-2012 13:11:51	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

16 Endosulfan sulfate, Signal: 1, Type: quant, RT: 10.79, Det: GC ECD1A

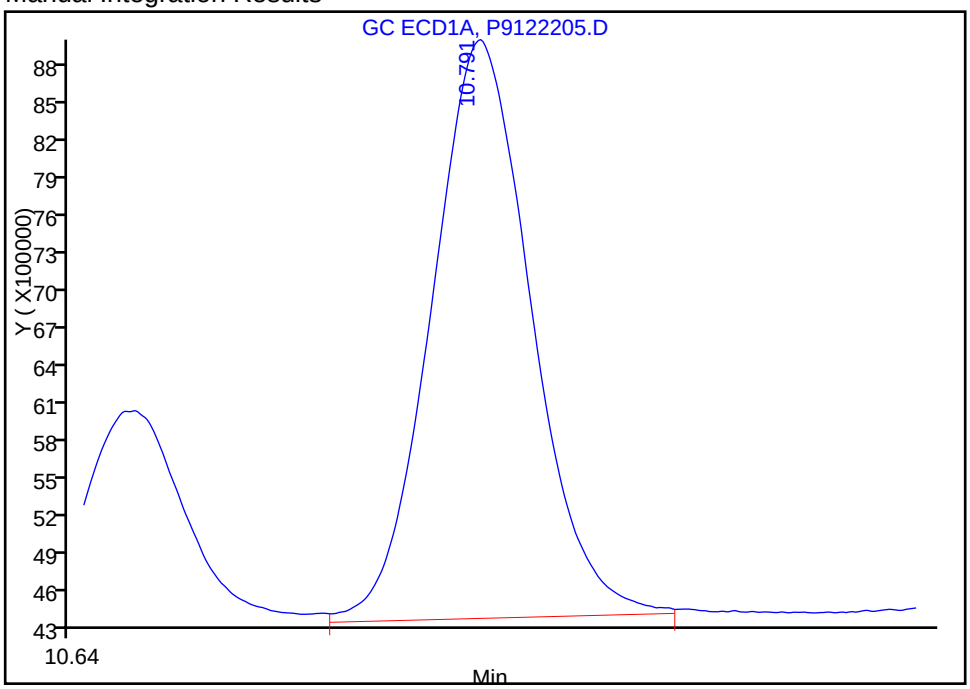
Processing Integration Results

RT: 10.79
Response: 11312240
Amount: 0.005080



Manual Integration Results

RT: 10.79
Response: 11654753
Amount: 0.005207



Reviewer: vandorenc, 31-Dec-2012 10:43:55
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122206.D
Lims ID: STD AB L2 Client ID:
Inject. Date: 22-Dec-2012 13:36:04 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0016122-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 69893 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:45 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.499	3.499	0.000	26327788	0.009683			
2	100	4.089	4.089	0.000	79131320	0.009017			
						RPD = 7.12			
5 alpha-BHC									
1	100	4.181	4.182	-0.001	34886846	0.009157			
2	100	4.913	4.913	0.000	108117927	0.008205			
						RPD = 10.97			
20 gamma-BHC (Lindane)									
1	100	4.556	4.557	-0.001	29063438	0.009328			
2	100	5.468	5.467	0.001	91237834	0.008747			
						RPD = 6.43			
7 beta-BHC									
1	100	4.688	4.689	-0.001	13074397	0.009636			
2	100	5.644	5.643	0.001	41558513	0.009526			
						RPD = 1.15			
11 delta-BHC									
1	100	4.902	4.902	0.000	30560456	0.009053			
2	100	6.193	6.192	0.001	91941241	0.008470			
						RPD = 6.65			
22 Heptachlor									
1	100	5.182	5.183	-0.001	27244771	0.0099			
2	100	6.289	6.289	0.000	85557872	0.009718			
						RPD = 2.16			
4 Aldrin									
1	100	5.633	5.633	0.000	33780499	0.009501			
2	100	7.004	7.005	-0.001	96036641	0.009032			
						RPD = 5.06			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.859	6.860	-0.001	26912312	0.009890			
2	100	8.491	8.492	-0.001	79756447	0.009559			
						RPD = 3.40			
21 gamma-Chlordane									
1	100	7.164	7.166	-0.002	29253149	0.009550			
2	100	8.919	8.919	0.000	81732580	0.009151			
						RPD = 4.26			
6 alpha-Chlordane									
1	100	7.515	7.516	-0.001	30186393	0.009559			
2	100	9.231	9.232	-0.001	81770641	0.009241			
						RPD = 3.38			
14 Endosulfan I									
1	100	7.793	7.794	-0.001	25601378	0.0100			
2	100	9.294	9.294	0.000	69719809	0.009774			
						RPD = 2.34			
2 4,4'-DDE									
1	100	7.899	7.899	0.000	31101680	0.009406			
2	100	9.695	9.694	0.001	77953252	0.009017			
						RPD = 4.22			
13 Dieldrin									
1	100	8.360	8.361	-0.001	25715668	0.009686			
2	100	9.829	9.829	0.000	74704321	0.009420			
						RPD = 2.79			
17 Endrin									
1	100	8.819	8.818	0.001	24487399	0.0100			
2	100	10.351	10.351	0.000	66989765	0.009510			
						RPD = 5.23			
1 4,4'-DDD									
1	100	9.185	9.185	0.000	17812061	0.009423			
2	100	10.724	10.724	0.000	114833998	0.009271			
						RPD = 1.63			
15 Endosulfan II									
1	100	9.269	9.269	0.000	25553486	0.0101			
2	100	10.724	10.724	0.000	114833998	0.009271			
						RPD = 8.70			
3 4,4'-DDT									
1	100	9.705	9.706	-0.001	17254121	0.009192			
2	100	11.209	11.209	0.000	40682243	0.008720			
						RPD = 5.27			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	18487207	0.0101			
2	100	11.297	11.297	0.000	50472262	0.009610			
						RPD = 4.52			
27 Methoxychlor									
1	100	10.660	10.659	0.001	8343222	0.009504			
2	100	12.289	12.288	0.001	22271242	0.009640			
						RPD = 1.42			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.788	10.789	-0.001	21604981	0.009652			
2	100	11.730	11.730	0.000	57795628	0.009096			
						RPD = 5.94			
19 Endrin ketone									
1	100	11.189	11.188	0.001	23440569	0.0100			
2	100	12.467	12.467	0.000	59485799	0.009512			
						RPD = 5.12			
$ 10 DCB Decachlorobiphenyl									
1	100	12.801	12.802	-0.001	25086227	0.009827			
2	100	14.246	14.247	-0.001	62654026	0.009223			
						RPD = 6.34			

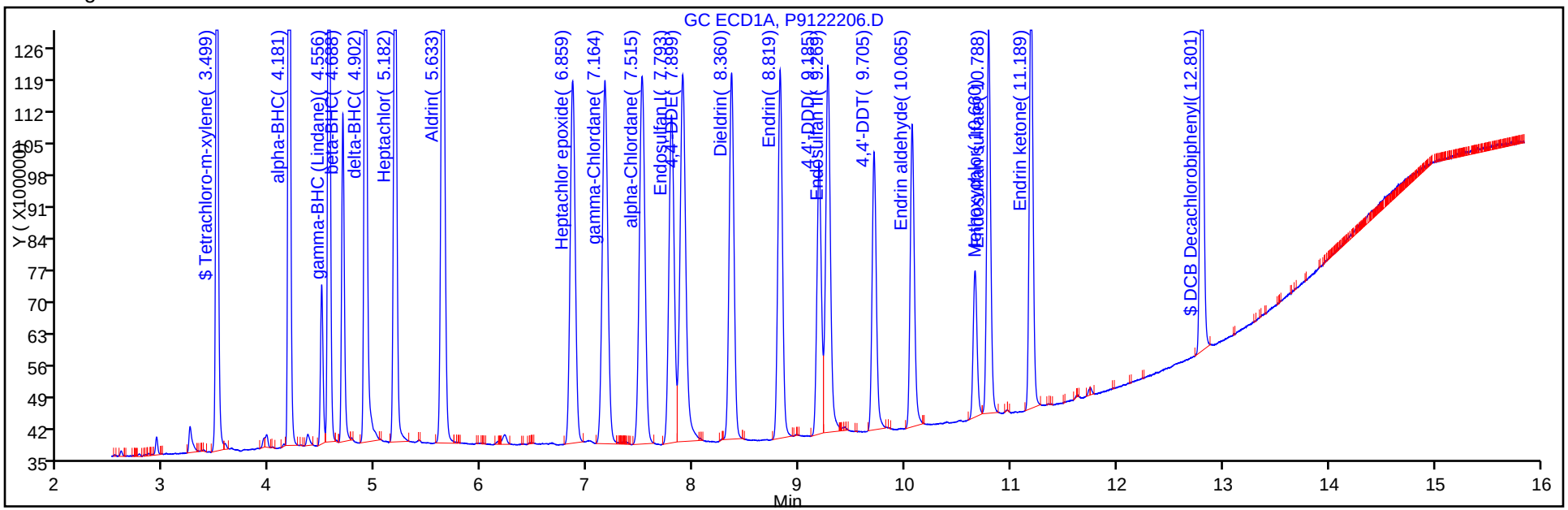
Report Date: 31-Dec-2012 10:57:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

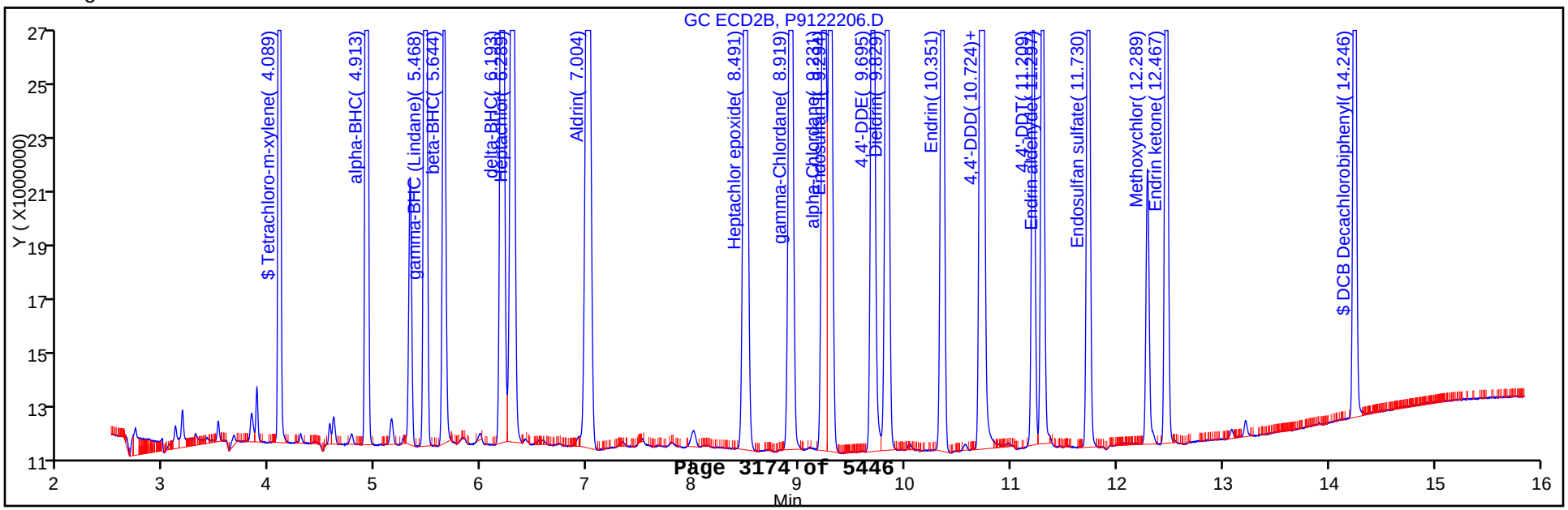
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122206.D

Injection Date:	22-Dec-2012 13:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122207.D
Lims ID: STD AB L3 Client ID:
Inject. Date: 22-Dec-2012 14:00:36 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0016122-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 69893 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:47 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.499	3.499	0.000	69709157	0.0256			
2	100	4.089	4.089	0.000	213055108	0.0243			
						RPD = 5.45			
5 alpha-BHC									
1	100	4.182	4.182	0.000	97225606	0.0255			
2	100	4.913	4.913	0.000	308826216	0.0234			
						RPD = 8.51			
20 gamma-BHC (Lindane)									
1	100	4.557	4.557	0.000	78811637	0.0253			
2	100	5.467	5.467	0.000	248326236	0.0238			
						RPD = 6.07			
7 beta-BHC									
1	100	4.689	4.689	0.000	33801404	0.0249			
2	100	5.643	5.643	0.000	107046996	0.0245			
						RPD = 1.51			
11 delta-BHC									
1	100	4.902	4.902	0.000	86186043	0.0255			
2	100	6.192	6.192	0.000	257325928	0.0237			
						RPD = 7.41			
22 Heptachlor									
1	100	5.183	5.183	0.000	69900088	0.0255			
2	100	6.289	6.289	0.000	211681542	0.0240			
						RPD = 5.79			
4 Aldrin									
1	100	5.633	5.633	0.000	90861079	0.0256			
2	100	7.005	7.005	0.000	256850215	0.0242			
						RPD = 5.62			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.860	6.860	0.000	70250045	0.0258			
2	100	8.492	8.492	0.000	204907789	0.0246			
						RPD = 4.99			
21 gamma-Chlordane									
1	100	7.166	7.166	0.000	77967213	0.0255			
2	100	8.919	8.919	0.000	215120969	0.0241			
						RPD = 5.52			
6 alpha-Chlordane									
1	100	7.516	7.516	0.000	80484307	0.0255			
2	100	9.232	9.232	0.000	213333957	0.0241			
						RPD = 5.55			
14 Endosulfan I									
1	100	7.794	7.794	0.000	65322703	0.0255			
2	100	9.294	9.294	0.000	172923071	0.0242			
						RPD = 5.17			
2 4,4'-DDE									
1	100	7.899	7.899	0.000	83092449	0.0251			
2	100	9.694	9.694	0.000	204863696	0.0237			
						RPD = 5.87			
13 Dieldrin									
1	100	8.361	8.361	0.000	67816390	0.0255			
2	100	9.829	9.829	0.000	191764710	0.0242			
						RPD = 5.48			
17 Endrin									
1	100	8.818	8.818	0.000	62577723	0.0256			
2	100	10.351	10.351	0.000	171226444	0.0243			
						RPD = 5.21			
1 4,4'-DDD									
1	100	9.185	9.185	0.000	47494586	0.0251			
2	100	10.724	10.724	0.000	300502115	0.0243			
						RPD = 3.51			
15 Endosulfan II									
1	100	9.269	9.269	0.000	64766416	0.0256			
2	100	10.724	10.724	0.000	300502115	0.0243			
						RPD = 5.51			
3 4,4'-DDT									
1	100	9.706	9.706	0.000	47639175	0.0254			
2	100	11.209	11.209	0.000	111228775	0.0238			
						RPD = 6.25			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	47518950	0.0258			
2	100	11.297	11.297	0.000	128695915	0.0245			
						RPD = 5.32			
27 Methoxychlor									
1	100	10.659	10.659	0.000	22616034	0.0258			
2	100	12.288	12.288	0.000	57766626	0.0250			
						RPD = 2.99			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.789	10.789	0.000	57448097	0.0257			
2	100	11.730	11.730	0.000	151291302	0.0238			
						RPD = 7.50			
19 Endrin ketone									
1	100	11.188	11.188	0.000	60034966	0.0256			
2	100	12.467	12.467	0.000	153508243	0.0245			
						RPD = 4.36			
$ 10 DCB Decachlorobiphenyl									
1	100	12.802	12.802	0.000	64152269	0.0251			
2	100	14.247	14.247	0.000	156739690	0.0231			
						RPD = 8.53			

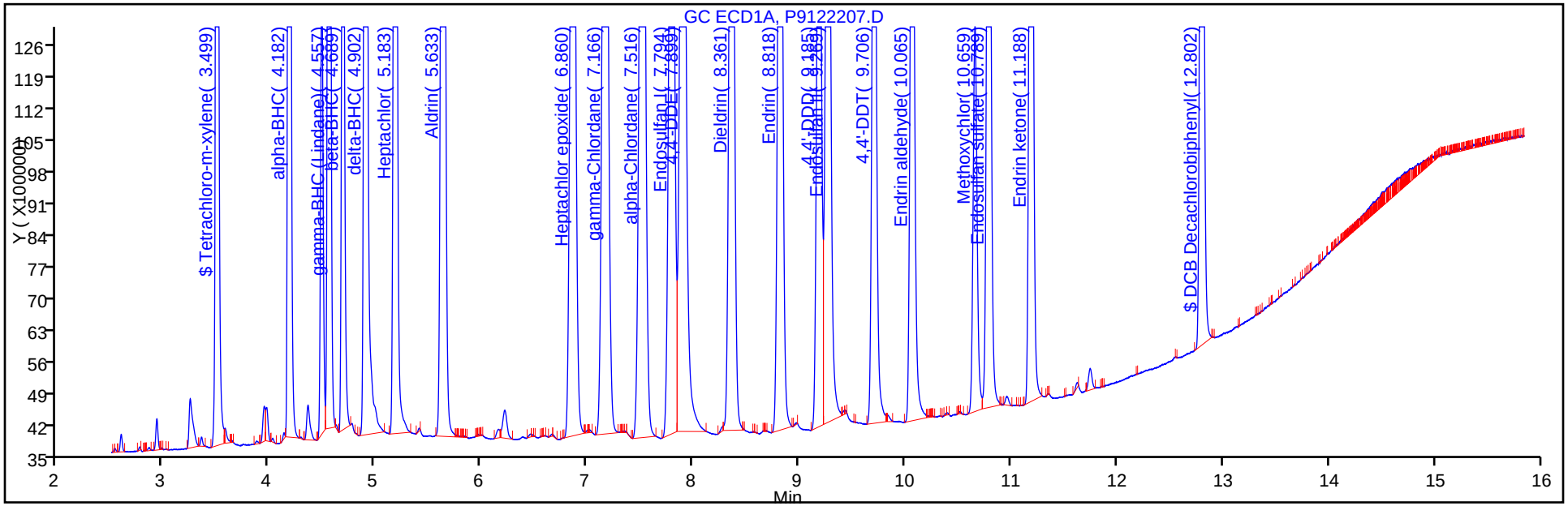
Report Date: 31-Dec-2012 10:57:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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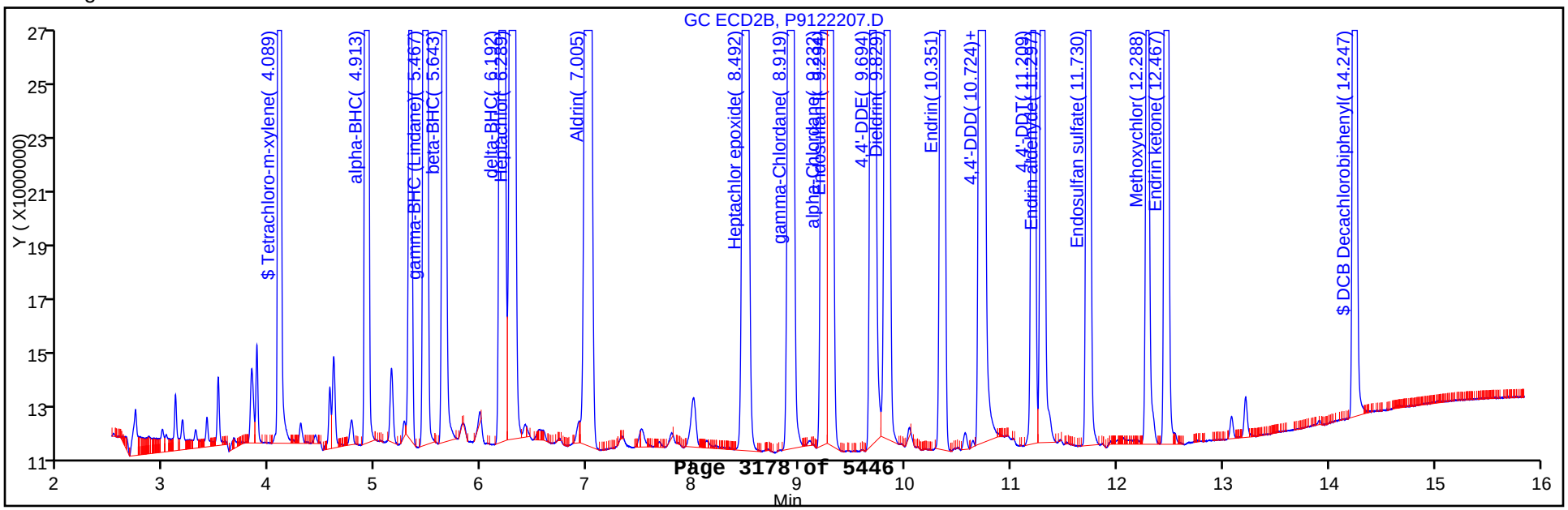
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122207.D

Injection Date:	22-Dec-2012 14:00:36	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122208.D
Lims ID: STD AB L4 Client ID:
Inject. Date: 22-Dec-2012 14:25:04 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0016122-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 69893 Lims Sample ID: 8
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:50 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.499	3.499	0.000	139462966	0.0513			
2	100	4.089	4.089	0.000	448233184	0.0511			
						RPD = 0.42			
5 alpha-BHC									
1	100	4.181	4.182	-0.001	199128378	0.0523			
2	100	4.913	4.913	0.000	680587365	0.0516			
						RPD = 1.19			
20 gamma-BHC (Lindane)									
1	100	4.557	4.557	0.000	159933798	0.0513			
2	100	5.468	5.467	0.001	524627836	0.0503			
						RPD = 2.04			
7 beta-BHC									
1	100	4.690	4.689	0.001	69404387	0.0512			
2	100	5.644	5.643	0.001	213264607	0.0489			
						RPD = 4.53			
11 delta-BHC									
1	100	4.903	4.902	0.001	180298876	0.0534			
2	100	6.191	6.192	-0.001	560607394	0.0516			
						RPD = 3.35			
22 Heptachlor									
1	100	5.183	5.183	0.000	140049404	0.0510			
2	100	6.290	6.289	0.001	433309568	0.0492			
						RPD = 3.64			
4 Aldrin									
1	100	5.633	5.633	0.000	183831298	0.0517			
2	100	7.005	7.005	0.000	543364941	0.0511			
						RPD = 1.17			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.860	6.860	0.000	136236102	0.0501			
2	100	8.492	8.492	0.000	410586360	0.0492			
						RPD = 1.72			
21 gamma-Chlordane									
1	100	7.167	7.166	0.001	154763034	0.0505			
2	100	8.920	8.919	0.001	443834536	0.0497			
						RPD = 1.66			
6 alpha-Chlordane									
1	100	7.516	7.516	0.000	159105955	0.0504			
2	100	9.232	9.232	0.000	435205659	0.0492			
						RPD = 2.41			
14 Endosulfan I									
1	100	7.795	7.794	0.001	127923020	0.0500			
2	100	9.293	9.294	-0.001	352271817	0.0494			
						RPD = 1.23			
2 4,4'-DDE									
1	100	7.896	7.899	-0.003	170734885	0.0516			
2	100	9.693	9.694	-0.001	438712389	0.0507			
						RPD = 1.74			
13 Dieldrin									
1	100	8.361	8.361	0.000	135154167	0.0509			
2	100	9.830	9.829	0.001	397984159	0.0502			
						RPD = 1.43			
17 Endrin									
1	100	8.819	8.818	0.001	121885202	0.0499			
2	100	10.351	10.351	0.000	347339248	0.0493			
						RPD = 1.15			
1 4,4'-DDD									
1	100	9.184	9.185	-0.001	94778920	0.0501			
2	100	10.723	10.724	-0.001	612304510	0.0494			
						RPD = 1.42			
15 Endosulfan II									
1	100	9.270	9.269	0.001	125747171	0.0498			
2	100	10.723	10.724	-0.001	612304510	0.0494			
						RPD = 0.68			
3 4,4'-DDT									
1	100	9.708	9.706	0.002	94063674	0.0501			
2	100	11.209	11.209	0.000	230209879	0.0493			
						RPD = 1.55			
18 Endrin aldehyde									
1	100	10.067	10.065	0.002	91411749	0.0497			
2	100	11.296	11.297	-0.001	255677197	0.0487			
						RPD = 2.10			
27 Methoxychlor									
1	100	10.659	10.659	0.000	43925490	0.0500			
2	100	12.288	12.288	0.000	112475652	0.0487			
						RPD = 2.74			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.790	10.789	0.001	112939831	0.0505			
2	100	11.730	11.730	0.000	311526171	0.0490			
						RPD = 2.87			
19 Endrin ketone									
1	100	11.190	11.188	0.002	115049731	0.0491			
2	100	12.466	12.467	-0.001	304805373	0.0487			
						RPD = 0.81			
$ 10 DCB Decachlorobiphenyl									
1	100	12.800	12.802	-0.002	127747357	0.0500			
2	100	14.245	14.247	-0.002	331430382	0.0488			
						RPD = 2.54			

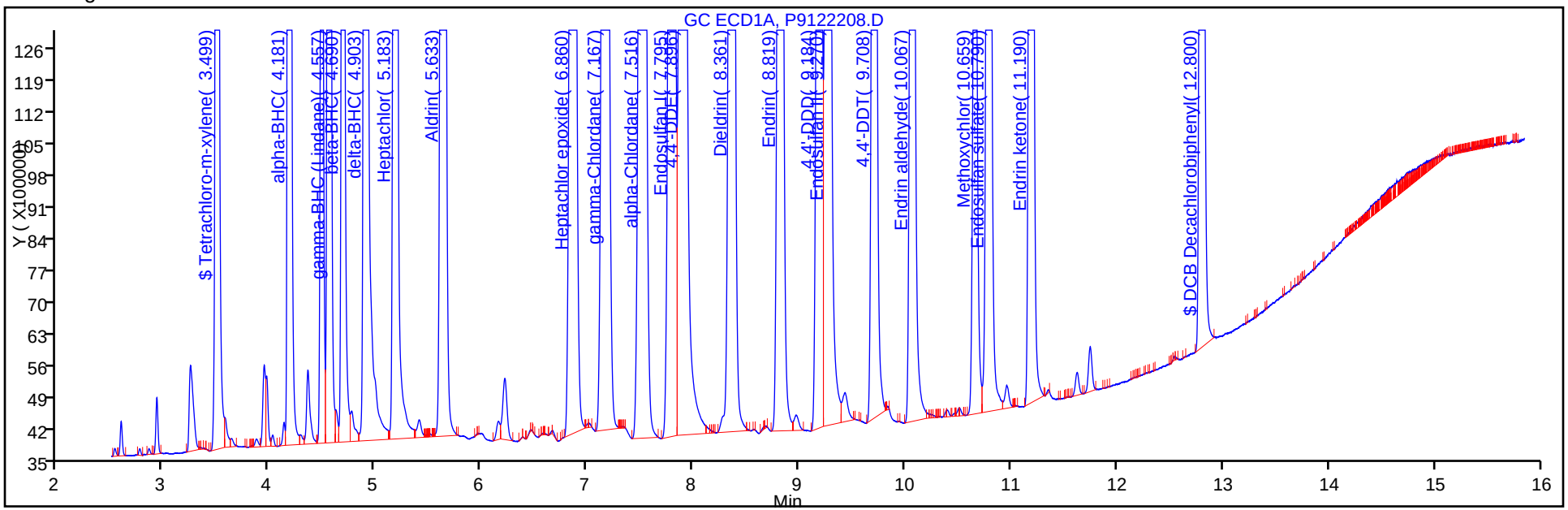
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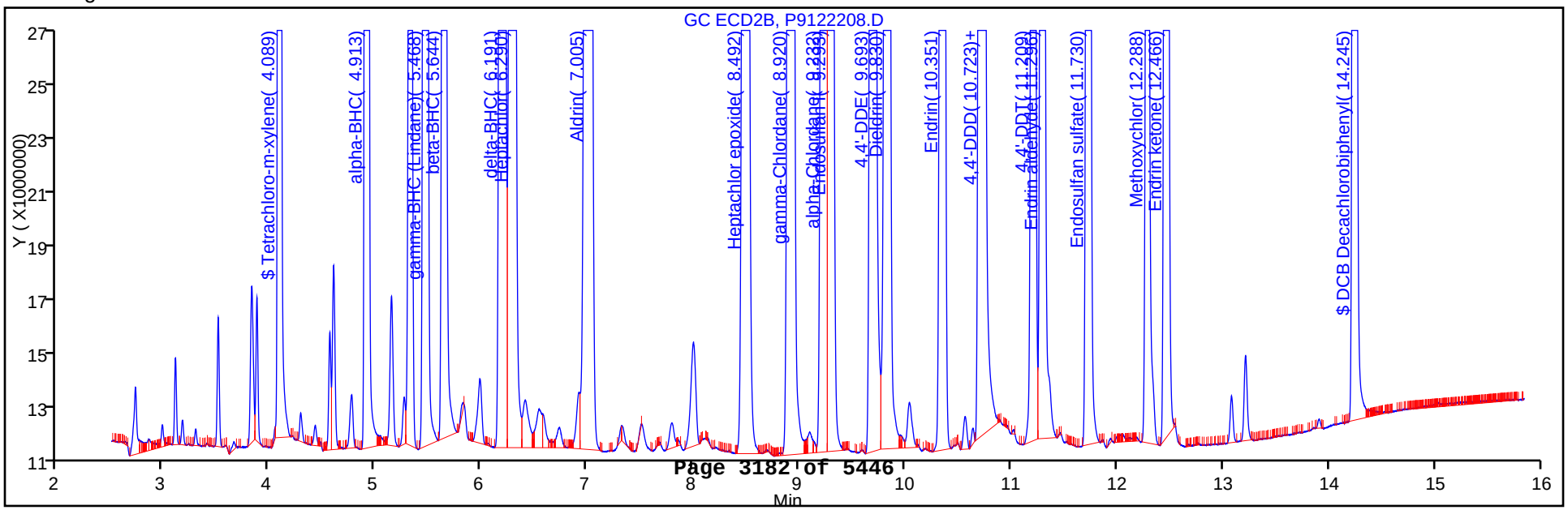
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122208.D

Injection Date:	22-Dec-2012 14:25:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	8
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122209.D
Lims ID: STD AB L5 Client ID:
Inject. Date: 22-Dec-2012 14:49:15 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0016122-009
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 69893 Lims Sample ID: 9
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:52 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.498	3.499	-0.001	262943294	0.0967			
2	100	4.088	4.089	-0.001	879316557	0.1002			
						RPD = 3.55			
5 alpha-BHC									
1	100	4.180	4.182	-0.002	381822365	0.1002			
2	100	4.913	4.913	0.000	1395374427	0.1059			
						RPD = 5.50			
20 gamma-BHC (Lindane)									
1	100	4.557	4.557	0.000	308770266	0.0991			
2	100	5.467	5.467	0.000	1056831643	0.1013			
						RPD = 2.21			
7 beta-BHC									
1	100	4.688	4.689	-0.001	130420504	0.0961			
2	100	5.643	5.643	0.000	412268220	0.0945			
						RPD = 1.70			
11 delta-BHC									
1	100	4.901	4.902	-0.001	344231124	0.1020			
2	100	6.192	6.192	0.000	1139357612	0.1050			
						RPD = 2.90			
22 Heptachlor									
1	100	5.182	5.183	-0.001	259452666	0.0946			
2	100	6.290	6.289	0.001	832326654	0.0945			
						RPD = 0.02			
4 Aldrin									
1	100	5.633	5.633	0.000	342887671	0.0964			
2	100	7.003	7.005	-0.002	1055509587	0.0993			
						RPD = 2.90			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.859	6.860	-0.001	256707908	0.0943			
2	100	8.492	8.492	0.000	803900629	0.0963			
						RPD = 2.11			
21 gamma-Chlordane									
1	100	7.164	7.166	-0.002	297562677	0.0971			
2	100	8.918	8.919	-0.001	872214824	0.0977			
						RPD = 0.53			
6 alpha-Chlordane									
1	100	7.513	7.516	-0.003	304840838	0.0965			
2	100	9.231	9.232	-0.001	861233697	0.0973			
						RPD = 0.82			
14 Endosulfan I									
1	100	7.793	7.794	-0.001	241329662	0.0943			
2	100	9.292	9.294	-0.002	676491548	0.0948			
						RPD = 0.55			
2 4,4'-DDE									
1	100	7.896	7.899	-0.003	321466589	0.0972			
2	100	9.693	9.694	-0.001	860277310	0.0995			
						RPD = 2.33			
13 Dieldrin									
1	100	8.358	8.361	-0.003	258174638	0.0972			
2	100	9.828	9.829	-0.001	775666861	0.0978			
						RPD = 0.58			
17 Endrin									
1	100	8.818	8.818	0.000	232555056	0.0952			
2	100	10.351	10.351	0.000	689393313	0.0979			
						RPD = 2.80			
1 4,4'-DDD									
1	100	9.183	9.185	-0.002	188855390	0.0999			
2	100	10.723	10.724	-0.001	1230378009	0.0993			
						RPD = 0.58			
15 Endosulfan II									
1	100	9.271	9.269	0.002	238165903	0.0943			
2	100	10.723	10.724	-0.001	1230378009	0.0993			
						RPD = 5.23			
3 4,4'-DDT									
1	100	9.704	9.706	-0.002	191077728	0.1018			
2	100	11.208	11.209	-0.001	480152385	0.1029			
						RPD = 1.09			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	173556428	0.0944			
2	100	11.297	11.297	0.000	503014635	0.0958			
						RPD = 1.46			
27 Methoxychlor									
1	100	10.658	10.659	-0.001	85258072	0.0971			
2	100	12.288	12.288	0.000	222930875	0.0965			
						RPD = 0.64			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.788	10.789	-0.001	217508546	0.0972			
2	100	11.730	11.730	0.000	641191798	0.1009			
						RPD = 3.77			
19 Endrin ketone									
1	100	11.189	11.188	0.001	219898772	0.0939			
2	100	12.466	12.467	-0.001	610796928	0.0977			
						RPD = 3.91			
$ 10 DCB Decachlorobiphenyl									
1	100	12.800	12.802	-0.002	242031398	0.0948			
2	100	14.245	14.247	-0.002	662069990	0.0975			
						RPD = 2.76			

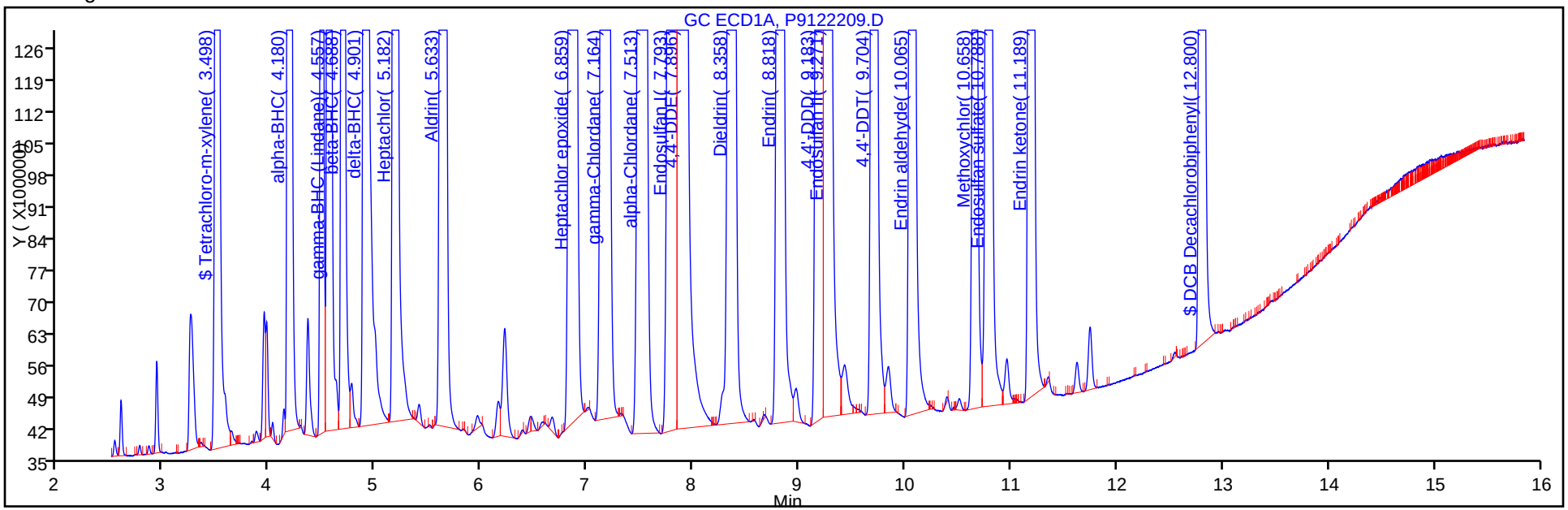
Report Date: 31-Dec-2012 10:57:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

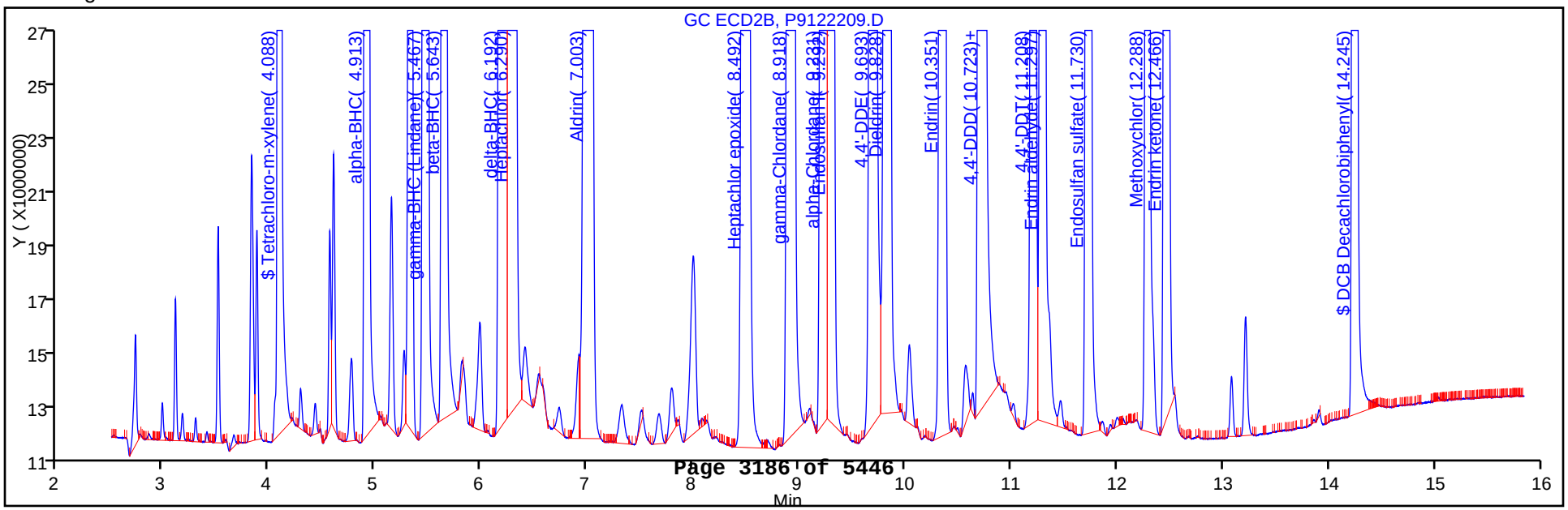
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122209.D

Injection Date:	22-Dec-2012 14:49:15	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	9
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122210.D
Lims ID: STD AB L6 Client ID:
Inject. Date: 22-Dec-2012 15:13:25 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0016122-010
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 69893 Lims Sample ID: 10
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:54 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.498	3.499	-0.001	499594893	0.1838			
2	100	4.089	4.089	0.000	1876708630	0.2139			
						RPD = 15.14			
5 alpha-BHC									
1	100	4.181	4.182	-0.001	768141767	0.2016			
2	100	4.914	4.913	0.001	3286719172	0.2494			
						RPD = 21.20			
20 gamma-BHC (Lindane)									
1	100	4.556	4.557	-0.001	636231107	0.2042			
2	100	5.467	5.467	0.000	2498251771	0.2395			
						RPD = 15.91			
7 beta-BHC									
1	100	4.688	4.689	-0.001	260444227	0.1920			
2	100	5.643	5.643	0.000	915946127	0.2100			
						RPD = 8.96			
11 delta-BHC									
1	100	4.901	4.902	-0.001	687185120	0.2036			
2	100	6.192	6.192	0.000	2630677835	0.2424			
						RPD = 17.40			
22 Heptachlor									
1	100	5.182	5.183	-0.001	535800491	0.1953			
2	100	6.291	6.289	0.002	1895283610	0.2153			
						RPD = 9.74			
4 Aldrin									
1	100	5.633	5.633	0.000	663261771	0.1865			
2	100	7.006	7.005	0.001	2253559642	0.2119			
						RPD = 12.75			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.859	6.860	-0.001	520246976	0.1912			
2	100	8.491	8.492	-0.001	1763207285	0.2113			
						RPD = 10.01			
21 gamma-Chlordane									
1	100	7.166	7.166	0.000	612435203	0.1999			
2	100	8.920	8.919	0.001	1967602335	0.2203			
						RPD = 9.69			
6 alpha-Chlordane									
1	100	7.516	7.516	0.000	621295183	0.1967			
2	100	9.232	9.232	0.000	1914475532	0.2164			
						RPD = 9.50			
14 Endosulfan I									
1	100	7.793	7.794	-0.001	488935665	0.1911			
2	100	9.293	9.294	-0.001	1495459708	0.2096			
						RPD = 9.26			
2 4,4'-DDE									
1	100	7.896	7.899	-0.003	643528254	0.1946			
2	100	9.693	9.694	-0.001	1896085231	0.2193			
						RPD = 11.94			
13 Dieldrin									
1	100	8.359	8.361	-0.002	523169800	0.1971			
2	100	9.829	9.829	0.000	1709607295	0.2156			
						RPD = 8.98			
17 Endrin									
1	100	8.817	8.818	-0.001	468447209	0.1917			
2	100	10.351	10.351	0.000	1535350320	0.2180			
						RPD = 12.82			
1 4,4'-DDD									
1	100	9.182	9.185	-0.003	400866929	0.2121			
2	100	10.722	10.724	-0.002	2795664895	0.2257			
						RPD = 6.22			
15 Endosulfan II									
1	100	9.267	9.269	-0.002	479691393	0.1899			
2	100	10.722	10.724	-0.002	2795664895	0.2257			
						RPD = 17.25			
3 4,4'-DDT									
1	100	9.706	9.706	0.000	416361372	0.2218			
2	100	11.208	11.209	-0.001	1150455718	0.2466			
						RPD = 10.58			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	357675806	0.1945			
2	100	11.296	11.297	-0.001	1125612417	0.2143			
						RPD = 9.69			
27 Methoxychlor									
1	100	10.656	10.659	-0.003	176718160	0.2013			
2	100	12.287	12.288	-0.001	500747539	0.2167			
						RPD = 7.39			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.789	10.789	0.000	441429688	0.1972			
2	100	11.730	11.730	0.000	1488435239	0.2342			
						RPD = 17.17			
19 Endrin ketone									
1	100	11.188	11.188	0.000	456849243	0.1951			
2	100	12.466	12.467	-0.001	1369464177	0.2190			
						RPD = 11.52			
$ 10 DCB Decachlorobiphenyl									
1	100	12.801	12.802	-0.001	501258059	0.1964			
2	100	14.246	14.247	-0.001	1569230971	0.2310			
						RPD = 16.21			

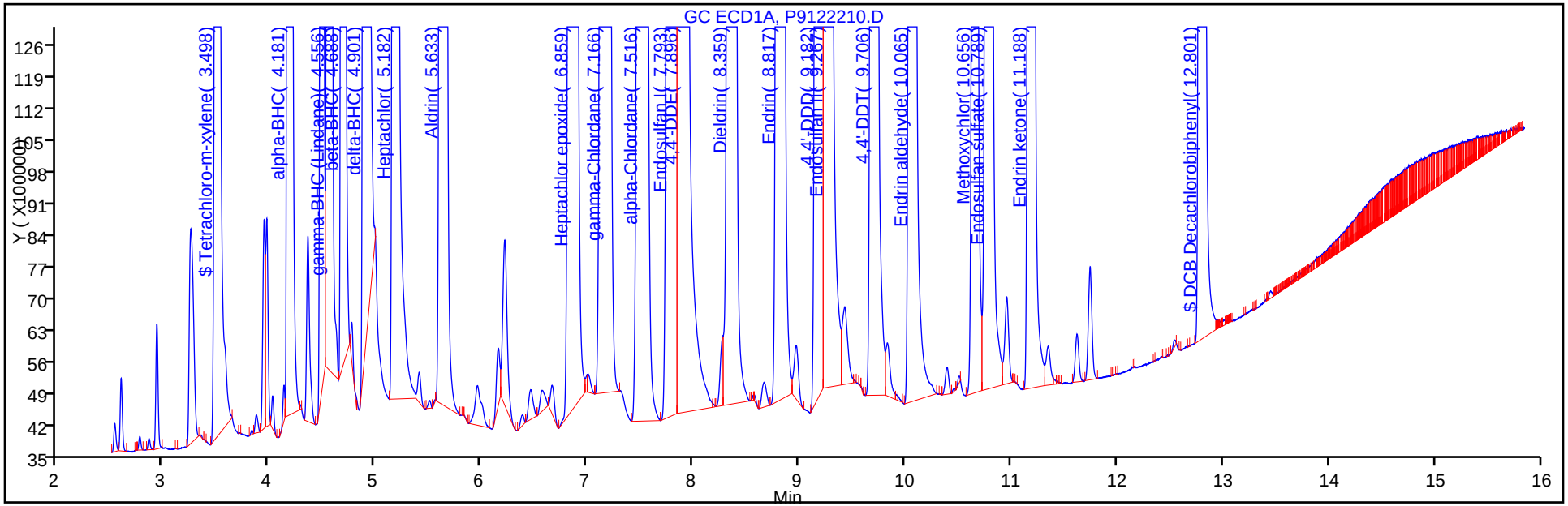
Report Date: 31-Dec-2012 10:57:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

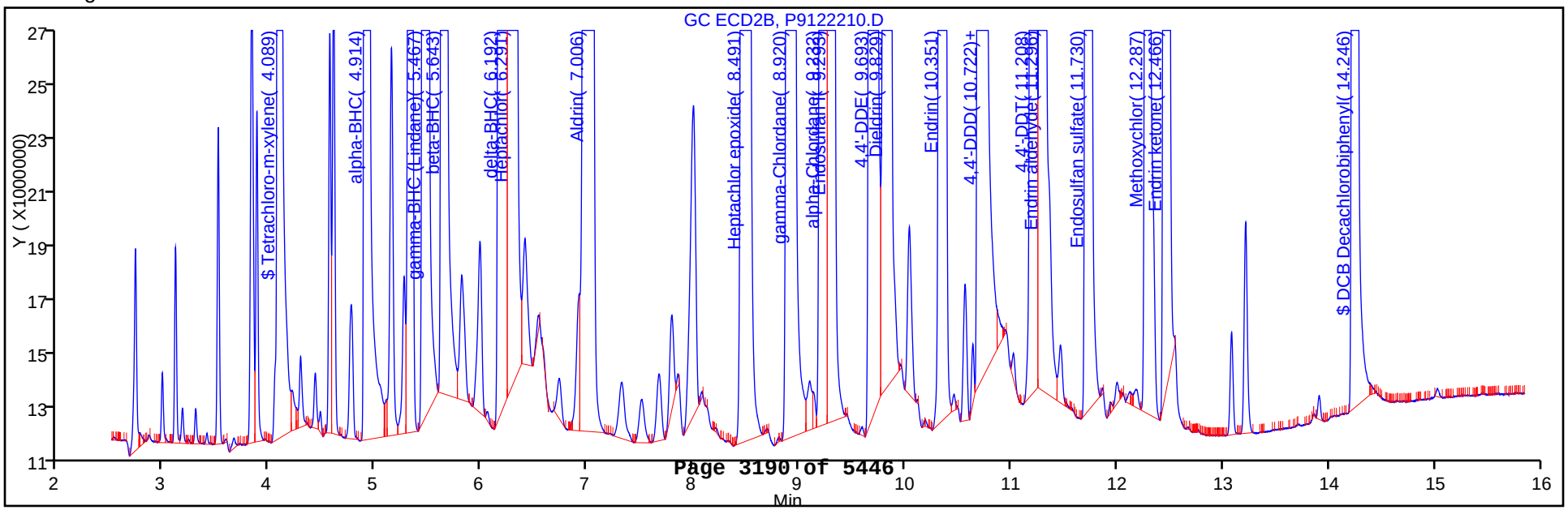
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Injection Date:	22-Dec-2012 15:13:25	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	10
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13015

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69893/5	P9122205.D
Level 2	STD 240-69893/6	P9122206.D
Level 3	STD 240-69893/7	P9122207.D
Level 4	STD 240-69893/8	P9122208.D
Level 5	STD 240-69893/9	P9122209.D
Level 6	STD 240-69893/10	P9122210.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
alpha-BHC	4.913	4.913	4.913	4.913	4.913	4.914					4.883 - 4.943	4.913
gamma-BHC (Lindane)	5.469	5.468	5.467	5.468	5.467	5.467					5.437 - 5.497	5.468
beta-BHC	5.645	5.644	5.643	5.644	5.643	5.643					5.613 - 5.673	5.644
delta-BHC	6.192	6.193	6.192	6.191	6.192	6.192					6.162 - 6.222	6.192
Heptachlor	6.290	6.289	6.289	6.290	6.290	6.291					6.254 - 6.324	6.290
Aldrin	7.006	7.004	7.005	7.005	7.003	7.006					6.975 - 7.035	7.005
Heptachlor epoxide	8.492	8.491	8.492	8.492	8.492	8.491					8.462 - 8.522	8.492
gamma-Chlordane	8.920	8.919	8.919	8.920	8.918	8.920					8.889 - 8.949	8.919
alpha-Chlordane	9.233	9.231	9.232	9.232	9.231	9.232					9.202 - 9.262	9.232
Endosulfan I	9.293	9.294	9.294	9.293	9.292	9.293					9.264 - 9.324	9.293
4,4'-DDE	9.695	9.695	9.694	9.693	9.693	9.693					9.664 - 9.724	9.694
Dieldrin	9.830	9.829	9.829	9.830	9.828	9.829					9.799 - 9.859	9.829
Endrin	10.353	10.351	10.351	10.351	10.351	10.351					10.321 - 10.381	10.351
4,4'-DDD	10.726	10.724	10.724	10.723	10.723	10.722					10.694 - 10.754	10.724
Endosulfan II	10.726	10.724	10.724	10.723	10.723	10.722					10.694 - 10.754	10.724
4,4'-DDT	11.210	11.209	11.209	11.209	11.208	11.208					11.179 - 11.239	11.209
Endrin aldehyde	11.297	11.297	11.297	11.296	11.297	11.296					11.267 - 11.327	11.297
Endosulfan sulfate	11.731	11.730	11.730	11.730	11.730	11.730					11.700 - 11.760	11.730
Methoxychlor	12.291	12.289	12.288	12.288	12.288	12.287					12.258 - 12.318	12.289
Endrin ketone	12.468	12.467	12.467	12.466	12.466	12.466					12.437 - 12.497	12.467
Tetrachloro-m-xylene	4.089	4.089	4.089	4.089	4.088	4.089					4.059 - 4.119	4.089
DCB Decachlorobiphenyl	14.246	14.246	14.247	14.245	14.245	14.246					14.217 - 14.277	14.246

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13015

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69893/5	P9122205.D
Level 2	STD 240-69893/6	P9122206.D
Level 3	STD 240-69893/7	P9122207.D
Level 4	STD 240-69893/8	P9122208.D
Level 5	STD 240-69893/9	P9122209.D
Level 6	STD 240-69893/10	P9122210.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								
alpha-BHC	1189873620 1395374427 0	1081179270 1643359586 0	1235304864 0	1361174730 0	Ave		1.31771 E+010				15.0		20.0			
gamma-BHC (Lindane)	9975941400 1056831643 0	9123783400 1249125885 5	9933049440	1049255672 0	Ave		1.04308 E+010				11.0		20.0			
beta-BHC	4769396000 4122682200	4155851300 4579730635	4281879840	4265292140	Ave		4362472019				5.9		20.0			
delta-BHC	9882028800 1139357612 0	9194124100 1315338917 5	1029303712 0	1121214788 0	Ave		1.08547 E+010				13.0		20.0			
Heptachlor	9337439400 8323266540	8555787200 9476418050	8467261680	8666191360	Ave		8804394038				5.5		20.0			
Aldrin	1122928160 1055509587 0	9603664100 1126779821 0	1027400860 0	1086729882 0	Ave		1.06329 E+010				6.0		20.0			
Heptachlor epoxide	8823344200 8039006290	7975644700 8816036425	8196311560	8211727200	Ave		8343678396				4.5		20.0			
gamma-Chlordane	9373692800 8722148240	8173258000 9838011675	8604838760	8876690720	Ave		8931440033				6.6		20.0			
alpha-Chlordane	9493286600 8612336970	8177064100 9572377660	8533358280	8704113180	Ave		8848756132				6.3		20.0			
Endosulfan I	7622305600 6764915480	6971980900 7477298540	6916922840	7045436340	Ave		7133143283				4.7		20.0			
4,4'-DDE	9022663800 8602773100	7795325200 9480426155	8194547840	8774247780	Ave		8644997313				6.9		20.0			
Dieldrin	8177585600 7756668610	7470432100 8548036475	7670588400	7959683180	Ave		7930499061				4.9		20.0			
Endrin	7200479200 6893933130	6698976500 7676751600	6849057760	6946784960	Ave		7044330525				5.0		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13015

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								
4,4'-DDD	1228999560 1230378009 0	1148339980 1397832447 5	1202008460 0	1224609020 0	Ave		1.23869 E+010				6.8		20.0			
Endosulfan II	1228999560 1230378009 0	1148339980 1397832447 5	1202008460 0	1224609020 0	Ave		1.23869 E+010				6.8		20.0			
4,4'-DDT	4317766200 4801523850	4068224300 5752278590	4449151000	4604197580	Ave		4665523587				13.0		20.0			
Endrin aldehyde	5543939800 5030146350	5047226200 5628062085	5147836600	5113543940	Ave		5251792496				5.0		20.0			
Endosulfan sulfate	6209809200 6411917980	5779562800 7442176195	6051652080	6230523420	Ave		6354273613				9.0		20.0			
Methoxychlor	2341485200 2229308750	2227124200 2503737695	2310665040	2249513040	Ave		2310305654				4.6		20.0			
Endrin ketone	6382267800 6107969280	5948579900 6847320885	6140329720	6096107460	Ave		6253762508				5.2		20.0			
Tetrachloro-m-xylene	9076071600 8793165570	7913132000 9383543150	8522204320	8964663680	Ave		8775463387				5.8		20.0			
DCB Decachlorobiphenyl	7127785400 6620699900	6265402600 7846154855	6269587600	6628607640	Ave		6793039666				8.9		20.0			

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

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13015

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-69893/5	P9122205.D
Level 2	STD 240-69893/6	P9122206.D
Level 3	STD 240-69893/7	P9122207.D
Level 4	STD 240-69893/8	P9122208.D
Level 5	STD 240-69893/9	P9122209.D
Level 6	STD 240-69893/10	P9122210.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
alpha-BHC	Ave	59493681 3286719172	108117927	308826216	680587365	1395374427	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-BHC (Lindane)	Ave	49879707 2498251771	91237834	248326236	524627836	1056831643	0.00500 0.200	0.0100	0.0250	0.0500	0.100
beta-BHC	Ave	23846980 915946127	41558513	107046996	213264607	412268220	0.00500 0.200	0.0100	0.0250	0.0500	0.100
delta-BHC	Ave	49410144 2630677835	91941241	257325928	560607394	1139357612	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor	Ave	46687197 1895283610	85557872	211681542	433309568	832326654	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Aldrin	Ave	56146408 2253559642	96036641	256850215	543364941	1055509587	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Heptachlor epoxide	Ave	44116721 1763207285	79756447	204907789	410586360	803900629	0.00500 0.200	0.0100	0.0250	0.0500	0.100
gamma-Chlordane	Ave	46868464 1967602335	81732580	215120969	443834536	872214824	0.00500 0.200	0.0100	0.0250	0.0500	0.100
alpha-Chlordane	Ave	47466433 1914475532	81770641	213333957	435205659	861233697	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan I	Ave	38111528 1495459708	69719809	172923071	352271817	676491548	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDE	Ave	45113319 1896085231	77953252	204863696	438712389	860277310	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Dieldrin	Ave	40887928 1709607295	74704321	191764710	397984159	775666861	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin	Ave	36002396 1535350320	66989765	171226444	347339248	689393313	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDD	Ave	61449978 2795664895	114833998	300502115	612304510	1230378009	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan II	Ave	61449978 2795664895	114833998	300502115	612304510	1230378009	0.00500 0.200	0.0100	0.0250	0.0500	0.100
4,4'-DDT	Ave	21588831 1150455718	40682243	111228775	230209879	480152385	0.00500 0.200	0.0100	0.0250	0.0500	0.100

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18544-1 Analy Batch No.: 69893

SDG No.:

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/22/2012 13:11 Calibration End Date: 12/22/2012 15:13 Calibration ID: 13015

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
Endrin aldehyde	Ave	27719699 1125612417	50472262	128695915	255677197	503014635	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endosulfan sulfate	Ave	31049046 1488435239	57795628	151291302	311526171	641191798	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Methoxychlor	Ave	11707426 500747539	22271242	57766626	112475652	222930875	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Endrin ketone	Ave	31911339 1369464177	59485799	153508243	304805373	610796928	0.00500 0.200	0.0100	0.0250	0.0500	0.100
Tetrachloro-m-xylene	Ave	45380358 1876708630	79131320	213055108	448233184	879316557	0.00500 0.200	0.0100	0.0250	0.0500	0.100
DCB Decachlorobiphenyl	Ave	35638927 1569230971	62654026	156739690	331430382	662069990	0.00500 0.200	0.0100	0.0250	0.0500	0.100

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122205.D		
Lims ID:	STD AB L1	Client ID:	
Inject. Date:	22-Dec-2012 13:11:51	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0016122-005		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	69893	Lims Sample ID:	5
Sublist:	chrom-PEST9*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m		
Last Update:	31-Dec-2012 10:57:42	Calib Date:	22-Dec-2012 17:38:19
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		
First Level Reviewer: vandorenc		Date:	31-Dec-2012 10:43:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.499	0.002	14876952	0.005472			
2	100	4.089	4.089	0.000	45380358	0.005171			
						RPD = 5.65			
5 alpha-BHC									
1	100	4.182	4.182	0.000	19198584	0.005039			
2	100	4.913	4.913	0.000	59493681	0.004515			
						RPD = 10.98			
20 gamma-BHC (Lindane)									
1	100	4.559	4.557	0.002	15835136	0.005083			
2	100	5.469	5.467	0.002	49879707	0.004782			
						RPD = 6.10			
7 beta-BHC									
1	100	4.691	4.689	0.002	7433863	0.005479			
2	100	5.645	5.643	0.002	23846980	0.005466			
						RPD = 0.23			
11 delta-BHC									
1	100	4.905	4.902	0.003	16338833	0.004840			
2	100	6.192	6.192	0.000	49410144	0.004552			
						RPD = 6.13			
22 Heptachlor									
1	100	5.185	5.183	0.002	14339751	0.005226			
2	100	6.290	6.289	0.001	46687197	0.005303			
						RPD = 1.45			
4 Aldrin									
1	100	5.636	5.633	0.003	19496658	0.005483			
2	100	7.006	7.005	0.001	56146408	0.005280			
						RPD = 3.77			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.864	6.860	0.004	14666892	0.005390			
2	100	8.492	8.492	0.000	44116721	0.005287			
						RPD = 1.92			
21 gamma-Chlordane									
1	100	7.168	7.166	0.002	16010600	0.005227			
2	100	8.920	8.919	0.001	46868464	0.005248			
						RPD = 0.40			
6 alpha-Chlordane									
1	100	7.519	7.516	0.003	16863525	0.005340			
2	100	9.233	9.232	0.001	47466433	0.005364			
						RPD = 0.45			
14 Endosulfan I									
1	100	7.797	7.794	0.003	13812512	0.005398			
2	100	9.293	9.294	-0.001	38111528	0.005343			
						RPD = 1.03			
2 4,4'-DDE									
1	100	7.902	7.899	0.003	17790961	0.005381			
2	100	9.695	9.694	0.001	45113319	0.005218			
						RPD = 3.06			
13 Dieldrin									
1	100	8.362	8.361	0.001	13723546	0.005169			
2	100	9.830	9.829	0.001	40887928	0.005156			
						RPD = 0.26			
17 Endrin									
1	100	8.820	8.818	0.002	13026927	0.005331			
2	100	10.353	10.351	0.002	36002396	0.005111			
						RPD = 4.21			
1 4,4'-DDD									
1	100	9.191	9.185	0.006	9360303	0.004952			
2	100	10.726	10.724	0.002	61449978	0.004961			
						RPD = 0.18			
15 Endosulfan II									
1	100	9.273	9.269	0.004	13592507	0.005380			
2	100	10.726	10.724	0.002	61449978	0.004961			
						RPD = 8.10			
3 4,4'-DDT									
1	100	9.709	9.706	0.003	8788628	0.004682			
2	100	11.210	11.209	0.001	21588831	0.004627			
						RPD = 1.18			
18 Endrin aldehyde									
1	100	10.068	10.065	0.003	9652425	0.005250			
2	100	11.297	11.297	0.000	27719699	0.005278			
						RPD = 0.54			
27 Methoxychlor									M
1	100	10.664	10.659	0.005	4568164	0.005204			M
2	100	12.291	12.288	0.003	11707426	0.005067			
						RPD = 2.65			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									M
1	100	10.791	10.789	0.002	11654753	0.005207			M
2	100	11.731	11.730	0.001	31049046	0.004886			
						RPD = 6.35			
19 Endrin ketone									
1	100	11.191	11.188	0.003	12592046	0.005378			
2	100	12.468	12.467	0.001	31911339	0.005103			
						RPD = 5.25			
$ 10 DCB Decachlorobiphenyl									
1	100	12.802	12.802	0.000	13801192	0.005406			
2	100	14.246	14.247	-0.001	35638927	0.005246			
						RPD = 3.00			

QC Flag Legend

Review Flags
M - Manually Integrated

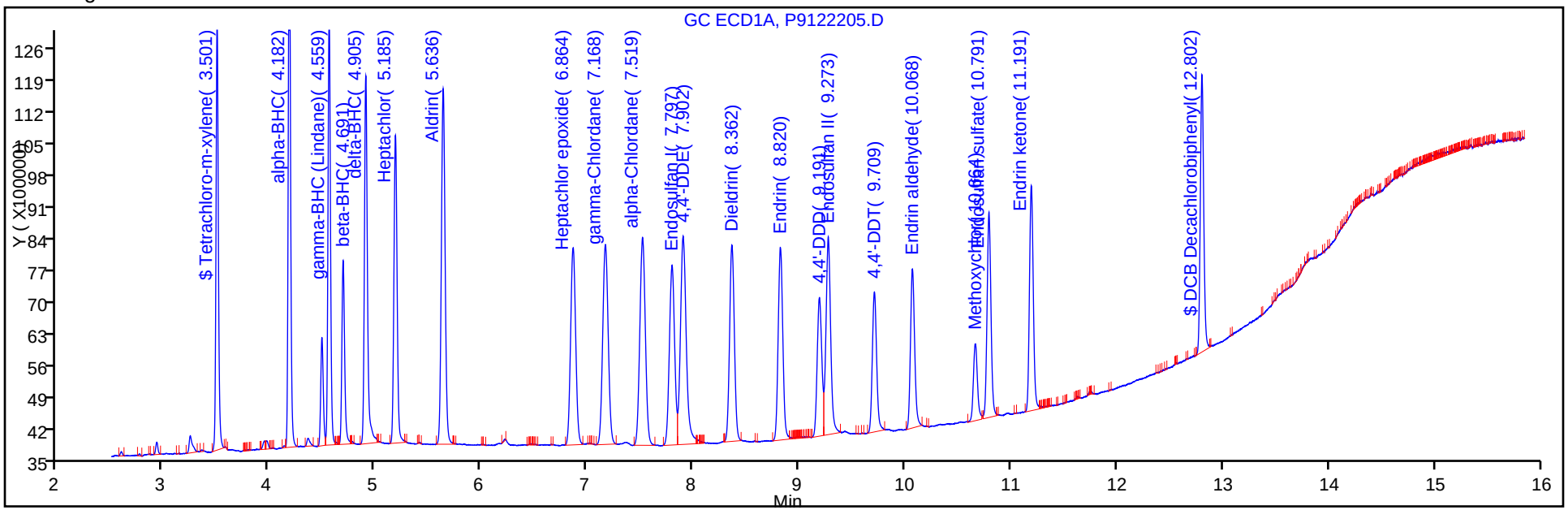
Report Date: 31-Dec-2012 10:57:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

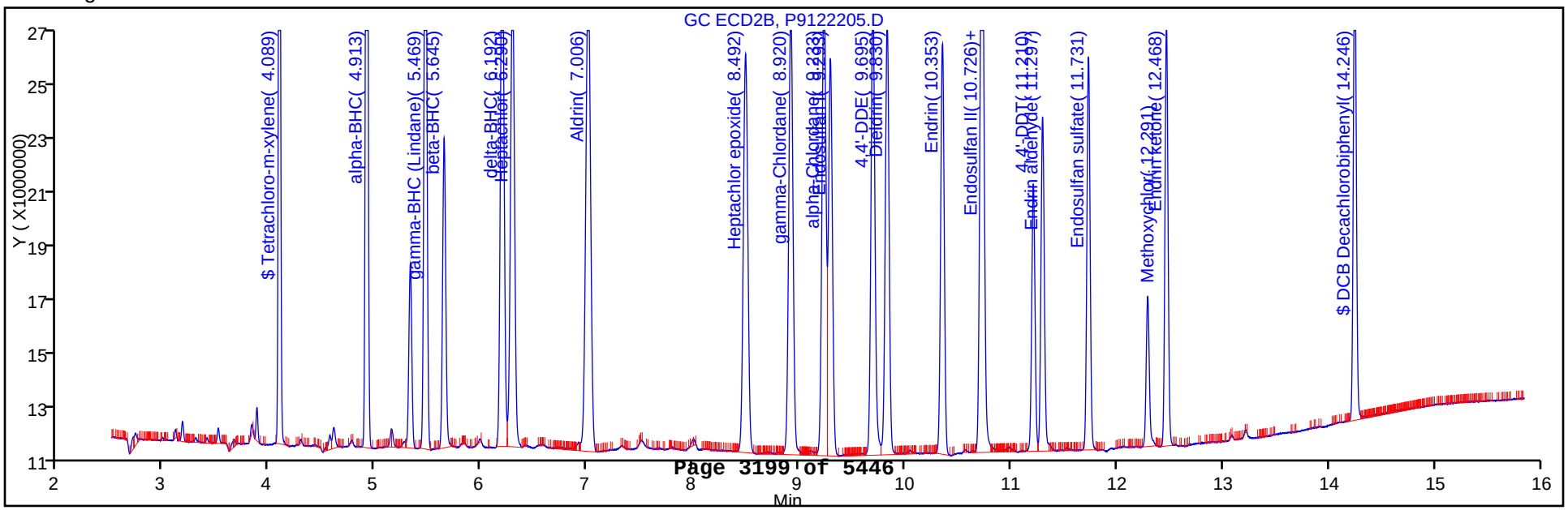
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Injection Date:	22-Dec-2012 13:11:51	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122206.D
Lims ID: STD AB L2 Client ID:
Inject. Date: 22-Dec-2012 13:36:04 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: 240-0016122-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 69893 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:45 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.499	3.499	0.000	26327788	0.009683			
2	100	4.089	4.089	0.000	79131320	0.009017			
						RPD = 7.12			
5 alpha-BHC									
1	100	4.181	4.182	-0.001	34886846	0.009157			
2	100	4.913	4.913	0.000	108117927	0.008205			
						RPD = 10.97			
20 gamma-BHC (Lindane)									
1	100	4.556	4.557	-0.001	29063438	0.009328			
2	100	5.468	5.467	0.001	91237834	0.008747			
						RPD = 6.43			
7 beta-BHC									
1	100	4.688	4.689	-0.001	13074397	0.009636			
2	100	5.644	5.643	0.001	41558513	0.009526			
						RPD = 1.15			
11 delta-BHC									
1	100	4.902	4.902	0.000	30560456	0.009053			
2	100	6.193	6.192	0.001	91941241	0.008470			
						RPD = 6.65			
22 Heptachlor									
1	100	5.182	5.183	-0.001	27244771	0.0099			
2	100	6.289	6.289	0.000	85557872	0.009718			
						RPD = 2.16			
4 Aldrin									
1	100	5.633	5.633	0.000	33780499	0.009501			
2	100	7.004	7.005	-0.001	96036641	0.009032			
						RPD = 5.06			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.859	6.860	-0.001	26912312	0.009890			
2	100	8.491	8.492	-0.001	79756447	0.009559			
						RPD = 3.40			
21 gamma-Chlordane									
1	100	7.164	7.166	-0.002	29253149	0.009550			
2	100	8.919	8.919	0.000	81732580	0.009151			
						RPD = 4.26			
6 alpha-Chlordane									
1	100	7.515	7.516	-0.001	30186393	0.009559			
2	100	9.231	9.232	-0.001	81770641	0.009241			
						RPD = 3.38			
14 Endosulfan I									
1	100	7.793	7.794	-0.001	25601378	0.0100			
2	100	9.294	9.294	0.000	69719809	0.009774			
						RPD = 2.34			
2 4,4'-DDE									
1	100	7.899	7.899	0.000	31101680	0.009406			
2	100	9.695	9.694	0.001	77953252	0.009017			
						RPD = 4.22			
13 Dieldrin									
1	100	8.360	8.361	-0.001	25715668	0.009686			
2	100	9.829	9.829	0.000	74704321	0.009420			
						RPD = 2.79			
17 Endrin									
1	100	8.819	8.818	0.001	24487399	0.0100			
2	100	10.351	10.351	0.000	66989765	0.009510			
						RPD = 5.23			
1 4,4'-DDD									
1	100	9.185	9.185	0.000	17812061	0.009423			
2	100	10.724	10.724	0.000	114833998	0.009271			
						RPD = 1.63			
15 Endosulfan II									
1	100	9.269	9.269	0.000	25553486	0.0101			
2	100	10.724	10.724	0.000	114833998	0.009271			
						RPD = 8.70			
3 4,4'-DDT									
1	100	9.705	9.706	-0.001	17254121	0.009192			
2	100	11.209	11.209	0.000	40682243	0.008720			
						RPD = 5.27			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	18487207	0.0101			
2	100	11.297	11.297	0.000	50472262	0.009610			
						RPD = 4.52			
27 Methoxychlor									
1	100	10.660	10.659	0.001	8343222	0.009504			
2	100	12.289	12.288	0.001	22271242	0.009640			
						RPD = 1.42			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.788	10.789	-0.001	21604981	0.009652			
2	100	11.730	11.730	0.000	57795628	0.009096			
						RPD = 5.94			
19 Endrin ketone									
1	100	11.189	11.188	0.001	23440569	0.0100			
2	100	12.467	12.467	0.000	59485799	0.009512			
						RPD = 5.12			
$ 10 DCB Decachlorobiphenyl									
1	100	12.801	12.802	-0.001	25086227	0.009827			
2	100	14.246	14.247	-0.001	62654026	0.009223			
						RPD = 6.34			

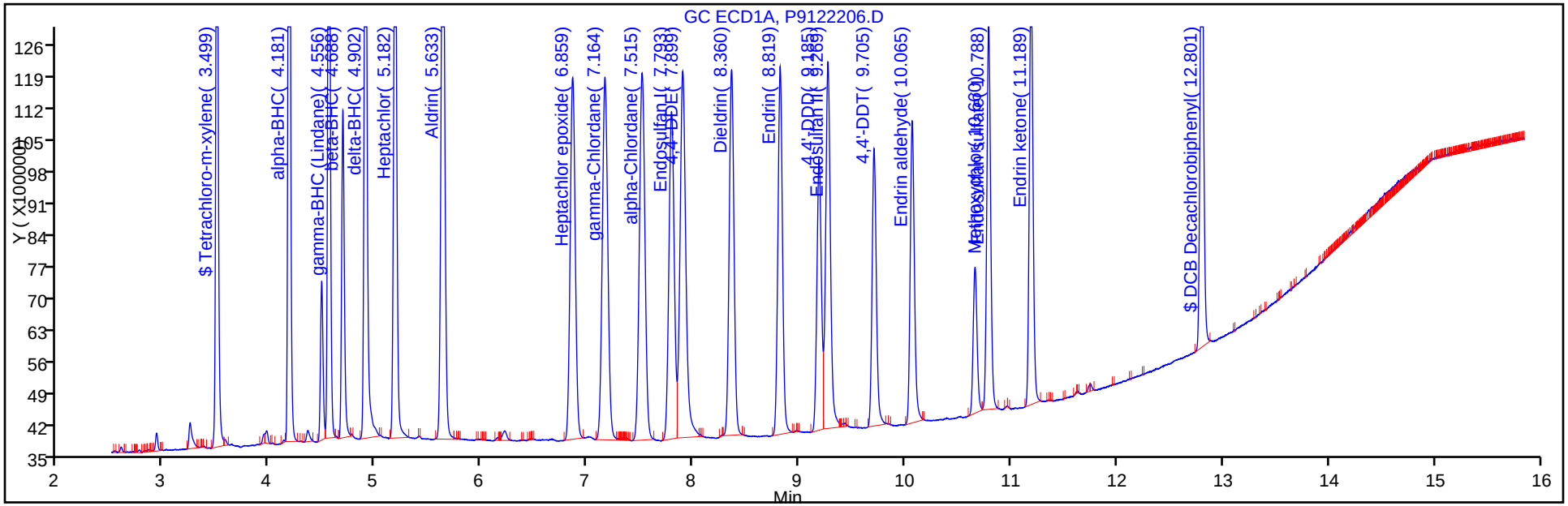
Report Date: 31-Dec-2012 10:57:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

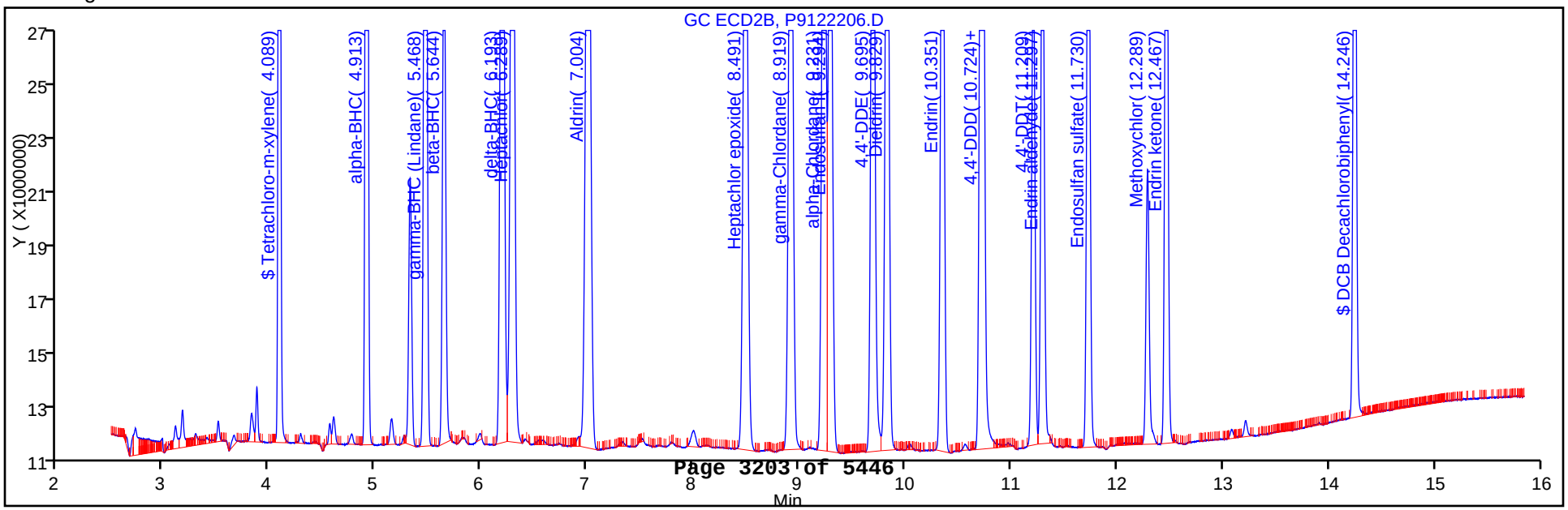
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Injection Date:	22-Dec-2012 13:36:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122207.D
Lims ID: STD AB L3 Client ID:
Inject. Date: 22-Dec-2012 14:00:36 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0016122-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 69893 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:47 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.499	3.499	0.000	69709157	0.0256			
2	100	4.089	4.089	0.000	213055108	0.0243			
						RPD = 5.45			
5 alpha-BHC									
1	100	4.182	4.182	0.000	97225606	0.0255			
2	100	4.913	4.913	0.000	308826216	0.0234			
						RPD = 8.51			
20 gamma-BHC (Lindane)									
1	100	4.557	4.557	0.000	78811637	0.0253			
2	100	5.467	5.467	0.000	248326236	0.0238			
						RPD = 6.07			
7 beta-BHC									
1	100	4.689	4.689	0.000	33801404	0.0249			
2	100	5.643	5.643	0.000	107046996	0.0245			
						RPD = 1.51			
11 delta-BHC									
1	100	4.902	4.902	0.000	86186043	0.0255			
2	100	6.192	6.192	0.000	257325928	0.0237			
						RPD = 7.41			
22 Heptachlor									
1	100	5.183	5.183	0.000	69900088	0.0255			
2	100	6.289	6.289	0.000	211681542	0.0240			
						RPD = 5.79			
4 Aldrin									
1	100	5.633	5.633	0.000	90861079	0.0256			
2	100	7.005	7.005	0.000	256850215	0.0242			
						RPD = 5.62			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.860	6.860	0.000	70250045	0.0258			
2	100	8.492	8.492	0.000	204907789	0.0246			
						RPD = 4.99			
21 gamma-Chlordane									
1	100	7.166	7.166	0.000	77967213	0.0255			
2	100	8.919	8.919	0.000	215120969	0.0241			
						RPD = 5.52			
6 alpha-Chlordane									
1	100	7.516	7.516	0.000	80484307	0.0255			
2	100	9.232	9.232	0.000	213333957	0.0241			
						RPD = 5.55			
14 Endosulfan I									
1	100	7.794	7.794	0.000	65322703	0.0255			
2	100	9.294	9.294	0.000	172923071	0.0242			
						RPD = 5.17			
2 4,4'-DDE									
1	100	7.899	7.899	0.000	83092449	0.0251			
2	100	9.694	9.694	0.000	204863696	0.0237			
						RPD = 5.87			
13 Dieldrin									
1	100	8.361	8.361	0.000	67816390	0.0255			
2	100	9.829	9.829	0.000	191764710	0.0242			
						RPD = 5.48			
17 Endrin									
1	100	8.818	8.818	0.000	62577723	0.0256			
2	100	10.351	10.351	0.000	171226444	0.0243			
						RPD = 5.21			
1 4,4'-DDD									
1	100	9.185	9.185	0.000	47494586	0.0251			
2	100	10.724	10.724	0.000	300502115	0.0243			
						RPD = 3.51			
15 Endosulfan II									
1	100	9.269	9.269	0.000	64766416	0.0256			
2	100	10.724	10.724	0.000	300502115	0.0243			
						RPD = 5.51			
3 4,4'-DDT									
1	100	9.706	9.706	0.000	47639175	0.0254			
2	100	11.209	11.209	0.000	111228775	0.0238			
						RPD = 6.25			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	47518950	0.0258			
2	100	11.297	11.297	0.000	128695915	0.0245			
						RPD = 5.32			
27 Methoxychlor									
1	100	10.659	10.659	0.000	22616034	0.0258			
2	100	12.288	12.288	0.000	57766626	0.0250			
						RPD = 2.99			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.789	10.789	0.000	57448097	0.0257			
2	100	11.730	11.730	0.000	151291302	0.0238			
						RPD = 7.50			
19 Endrin ketone									
1	100	11.188	11.188	0.000	60034966	0.0256			
2	100	12.467	12.467	0.000	153508243	0.0245			
						RPD = 4.36			
$ 10 DCB Decachlorobiphenyl									
1	100	12.802	12.802	0.000	64152269	0.0251			
2	100	14.247	14.247	0.000	156739690	0.0231			
						RPD = 8.53			

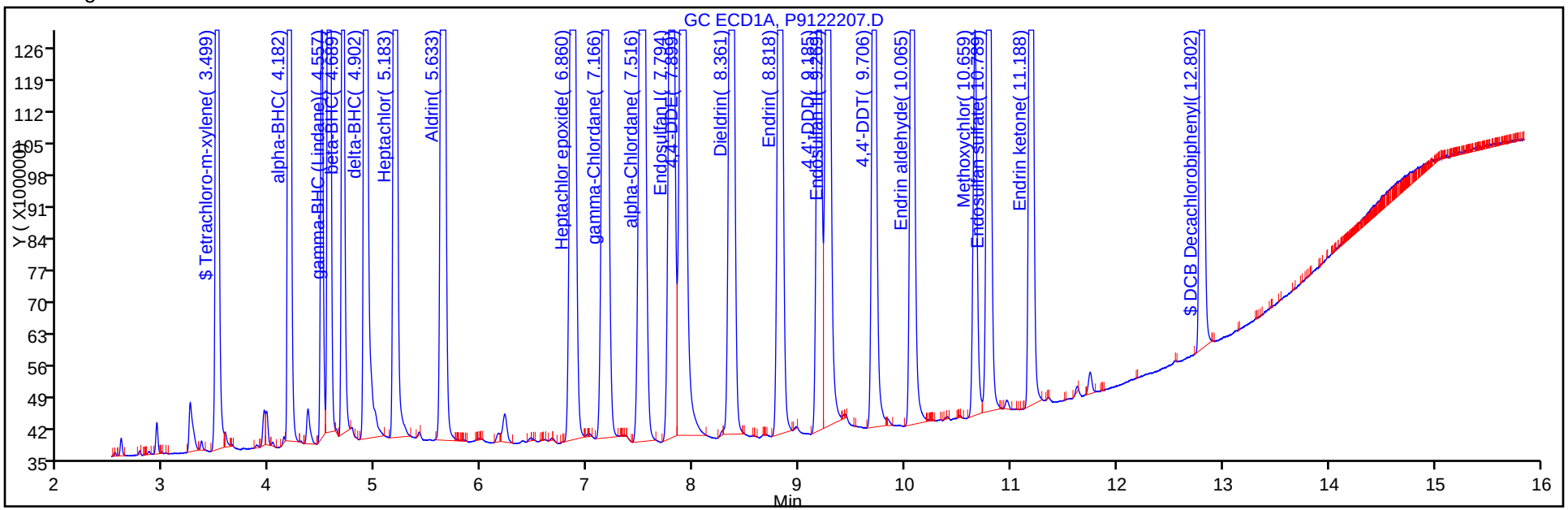
Report Date: 31-Dec-2012 10:57:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

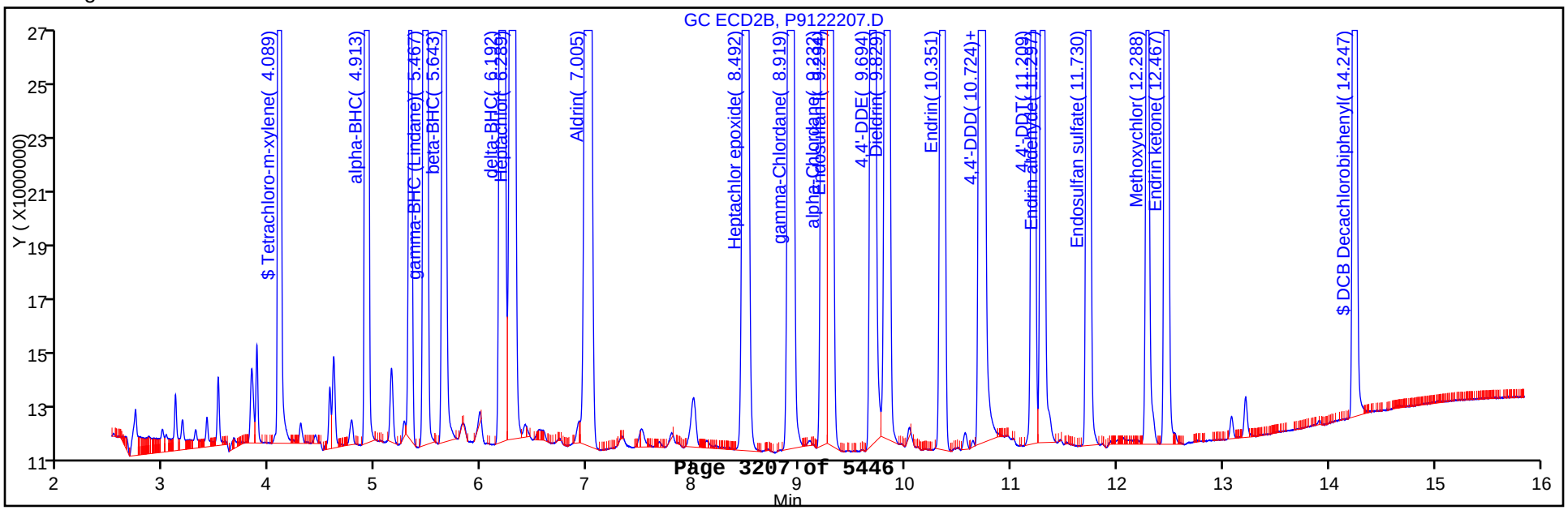
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122207.D

Injection Date:	22-Dec-2012 14:00:36	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122208.D
Lims ID: STD AB L4 Client ID:
Inject. Date: 22-Dec-2012 14:25:04 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 4
Sample ID: 240-0016122-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 69893 Lims Sample ID: 8
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:50 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.499	3.499	0.000	139462966	0.0513			
2	100	4.089	4.089	0.000	448233184	0.0511			
						RPD = 0.42			
5 alpha-BHC									
1	100	4.181	4.182	-0.001	199128378	0.0523			
2	100	4.913	4.913	0.000	680587365	0.0516			
						RPD = 1.19			
20 gamma-BHC (Lindane)									
1	100	4.557	4.557	0.000	159933798	0.0513			
2	100	5.468	5.467	0.001	524627836	0.0503			
						RPD = 2.04			
7 beta-BHC									
1	100	4.690	4.689	0.001	69404387	0.0512			
2	100	5.644	5.643	0.001	213264607	0.0489			
						RPD = 4.53			
11 delta-BHC									
1	100	4.903	4.902	0.001	180298876	0.0534			
2	100	6.191	6.192	-0.001	560607394	0.0516			
						RPD = 3.35			
22 Heptachlor									
1	100	5.183	5.183	0.000	140049404	0.0510			
2	100	6.290	6.289	0.001	433309568	0.0492			
						RPD = 3.64			
4 Aldrin									
1	100	5.633	5.633	0.000	183831298	0.0517			
2	100	7.005	7.005	0.000	543364941	0.0511			
						RPD = 1.17			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.860	6.860	0.000	136236102	0.0501			
2	100	8.492	8.492	0.000	410586360	0.0492			
						RPD = 1.72			
21 gamma-Chlordane									
1	100	7.167	7.166	0.001	154763034	0.0505			
2	100	8.920	8.919	0.001	443834536	0.0497			
						RPD = 1.66			
6 alpha-Chlordane									
1	100	7.516	7.516	0.000	159105955	0.0504			
2	100	9.232	9.232	0.000	435205659	0.0492			
						RPD = 2.41			
14 Endosulfan I									
1	100	7.795	7.794	0.001	127923020	0.0500			
2	100	9.293	9.294	-0.001	352271817	0.0494			
						RPD = 1.23			
2 4,4'-DDE									
1	100	7.896	7.899	-0.003	170734885	0.0516			
2	100	9.693	9.694	-0.001	438712389	0.0507			
						RPD = 1.74			
13 Dieldrin									
1	100	8.361	8.361	0.000	135154167	0.0509			
2	100	9.830	9.829	0.001	397984159	0.0502			
						RPD = 1.43			
17 Endrin									
1	100	8.819	8.818	0.001	121885202	0.0499			
2	100	10.351	10.351	0.000	347339248	0.0493			
						RPD = 1.15			
1 4,4'-DDD									
1	100	9.184	9.185	-0.001	94778920	0.0501			
2	100	10.723	10.724	-0.001	612304510	0.0494			
						RPD = 1.42			
15 Endosulfan II									
1	100	9.270	9.269	0.001	125747171	0.0498			
2	100	10.723	10.724	-0.001	612304510	0.0494			
						RPD = 0.68			
3 4,4'-DDT									
1	100	9.708	9.706	0.002	94063674	0.0501			
2	100	11.209	11.209	0.000	230209879	0.0493			
						RPD = 1.55			
18 Endrin aldehyde									
1	100	10.067	10.065	0.002	91411749	0.0497			
2	100	11.296	11.297	-0.001	255677197	0.0487			
						RPD = 2.10			
27 Methoxychlor									
1	100	10.659	10.659	0.000	43925490	0.0500			
2	100	12.288	12.288	0.000	112475652	0.0487			
						RPD = 2.74			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.790	10.789	0.001	112939831	0.0505			
2	100	11.730	11.730	0.000	311526171	0.0490			
						RPD = 2.87			
19 Endrin ketone									
1	100	11.190	11.188	0.002	115049731	0.0491			
2	100	12.466	12.467	-0.001	304805373	0.0487			
						RPD = 0.81			
$ 10 DCB Decachlorobiphenyl									
1	100	12.800	12.802	-0.002	127747357	0.0500			
2	100	14.245	14.247	-0.002	331430382	0.0488			
						RPD = 2.54			

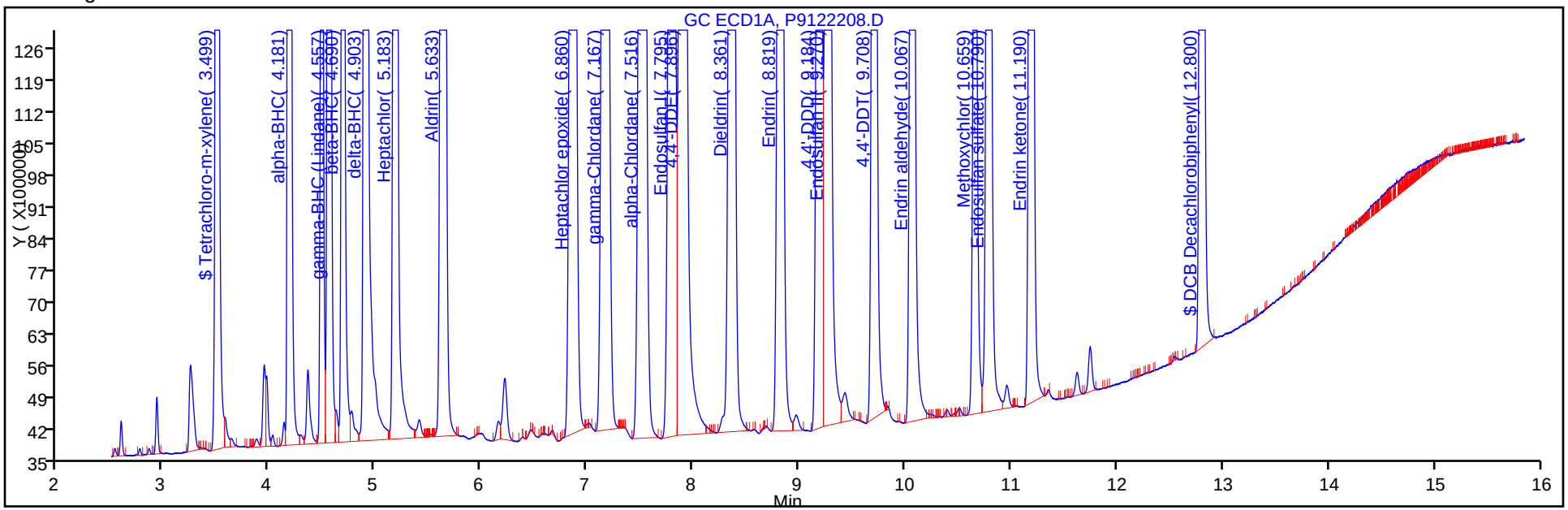
Report Date: 31-Dec-2012 10:57:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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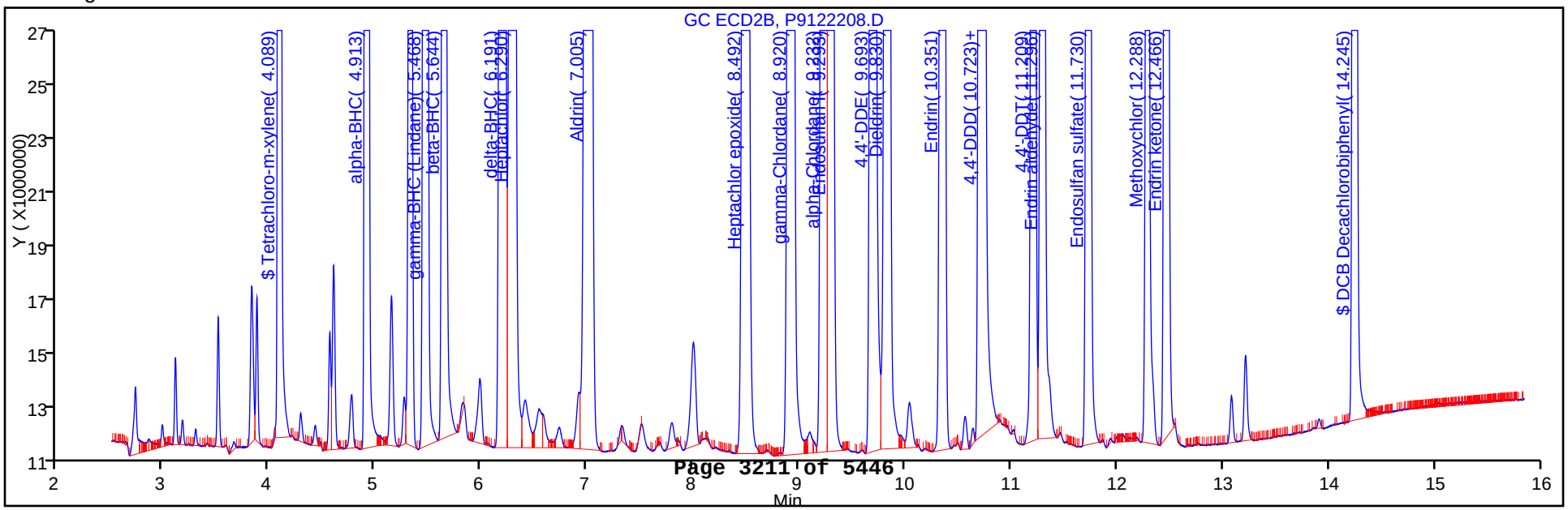
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122208.D

Injection Date:	22-Dec-2012 14:25:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	8
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122209.D
Lims ID: STD AB L5 Client ID:
Inject. Date: 22-Dec-2012 14:49:15 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0016122-009
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 69893 Lims Sample ID: 9
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:52 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.498	3.499	-0.001	262943294	0.0967			
2	100	4.088	4.089	-0.001	879316557	0.1002			
						RPD = 3.55			
5 alpha-BHC									
1	100	4.180	4.182	-0.002	381822365	0.1002			
2	100	4.913	4.913	0.000	1395374427	0.1059			
						RPD = 5.50			
20 gamma-BHC (Lindane)									
1	100	4.557	4.557	0.000	308770266	0.0991			
2	100	5.467	5.467	0.000	1056831643	0.1013			
						RPD = 2.21			
7 beta-BHC									
1	100	4.688	4.689	-0.001	130420504	0.0961			
2	100	5.643	5.643	0.000	412268220	0.0945			
						RPD = 1.70			
11 delta-BHC									
1	100	4.901	4.902	-0.001	344231124	0.1020			
2	100	6.192	6.192	0.000	1139357612	0.1050			
						RPD = 2.90			
22 Heptachlor									
1	100	5.182	5.183	-0.001	259452666	0.0946			
2	100	6.290	6.289	0.001	832326654	0.0945			
						RPD = 0.02			
4 Aldrin									
1	100	5.633	5.633	0.000	342887671	0.0964			
2	100	7.003	7.005	-0.002	1055509587	0.0993			
						RPD = 2.90			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.859	6.860	-0.001	256707908	0.0943			
2	100	8.492	8.492	0.000	803900629	0.0963			
						RPD = 2.11			
21 gamma-Chlordane									
1	100	7.164	7.166	-0.002	297562677	0.0971			
2	100	8.918	8.919	-0.001	872214824	0.0977			
						RPD = 0.53			
6 alpha-Chlordane									
1	100	7.513	7.516	-0.003	304840838	0.0965			
2	100	9.231	9.232	-0.001	861233697	0.0973			
						RPD = 0.82			
14 Endosulfan I									
1	100	7.793	7.794	-0.001	241329662	0.0943			
2	100	9.292	9.294	-0.002	676491548	0.0948			
						RPD = 0.55			
2 4,4'-DDE									
1	100	7.896	7.899	-0.003	321466589	0.0972			
2	100	9.693	9.694	-0.001	860277310	0.0995			
						RPD = 2.33			
13 Dieldrin									
1	100	8.358	8.361	-0.003	258174638	0.0972			
2	100	9.828	9.829	-0.001	775666861	0.0978			
						RPD = 0.58			
17 Endrin									
1	100	8.818	8.818	0.000	232555056	0.0952			
2	100	10.351	10.351	0.000	689393313	0.0979			
						RPD = 2.80			
1 4,4'-DDD									
1	100	9.183	9.185	-0.002	188855390	0.0999			
2	100	10.723	10.724	-0.001	1230378009	0.0993			
						RPD = 0.58			
15 Endosulfan II									
1	100	9.271	9.269	0.002	238165903	0.0943			
2	100	10.723	10.724	-0.001	1230378009	0.0993			
						RPD = 5.23			
3 4,4'-DDT									
1	100	9.704	9.706	-0.002	191077728	0.1018			
2	100	11.208	11.209	-0.001	480152385	0.1029			
						RPD = 1.09			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	173556428	0.0944			
2	100	11.297	11.297	0.000	503014635	0.0958			
						RPD = 1.46			
27 Methoxychlor									
1	100	10.658	10.659	-0.001	85258072	0.0971			
2	100	12.288	12.288	0.000	222930875	0.0965			
						RPD = 0.64			

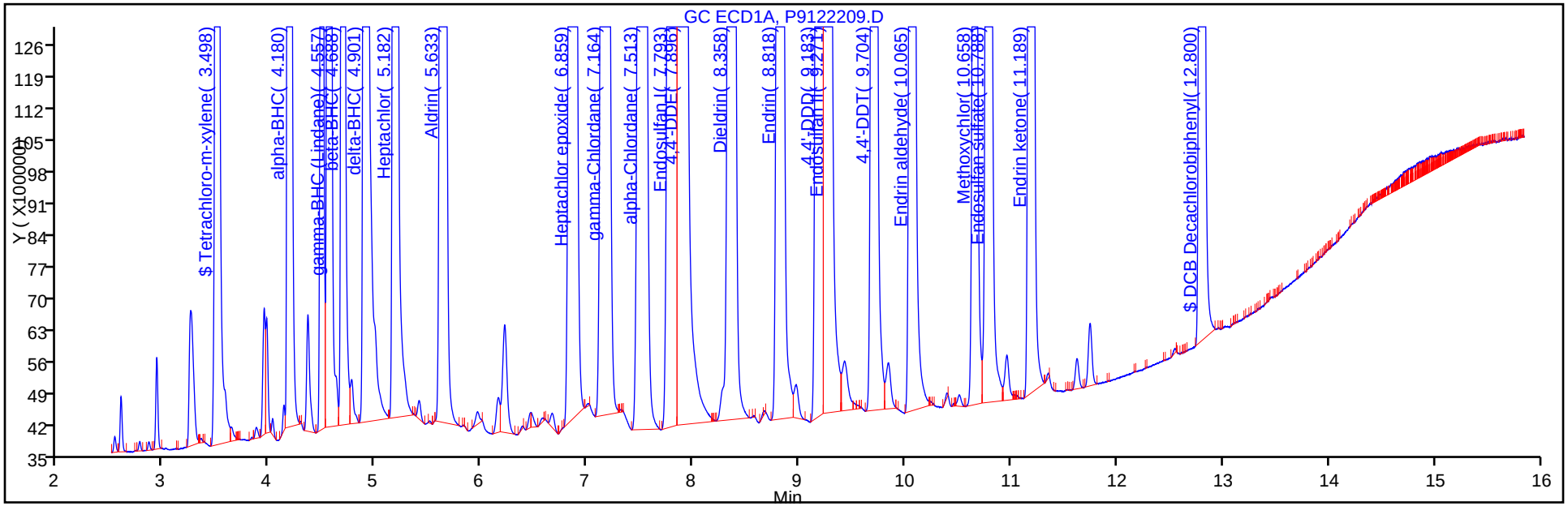
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.788	10.789	-0.001	217508546	0.0972			
2	100	11.730	11.730	0.000	641191798	0.1009			
						RPD = 3.77			
19 Endrin ketone									
1	100	11.189	11.188	0.001	219898772	0.0939			
2	100	12.466	12.467	-0.001	610796928	0.0977			
						RPD = 3.91			
$ 10 DCB Decachlorobiphenyl									
1	100	12.800	12.802	-0.002	242031398	0.0948			
2	100	14.245	14.247	-0.002	662069990	0.0975			
						RPD = 2.76			

Report Date: 31-Dec-2012 10:57:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

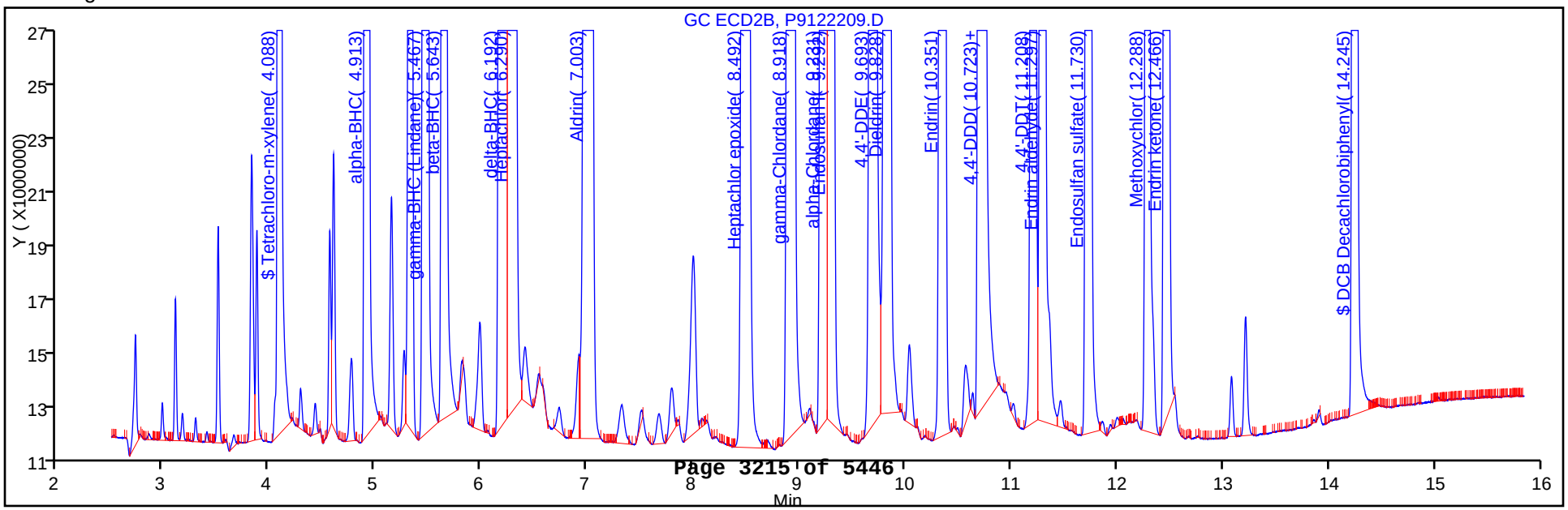
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122209.D		
Injection Date:	22-Dec-2012 14:49:15	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	9
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122210.D
Lims ID: STD AB L6 Client ID:
Inject. Date: 22-Dec-2012 15:13:25 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0016122-010
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 69893 Lims Sample ID: 10
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:54 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.498	3.499	-0.001	499594893	0.1838			
2	100	4.089	4.089	0.000	1876708630	0.2139			
						RPD = 15.14			
5 alpha-BHC									
1	100	4.181	4.182	-0.001	768141767	0.2016			
2	100	4.914	4.913	0.001	3286719172	0.2494			
						RPD = 21.20			
20 gamma-BHC (Lindane)									
1	100	4.556	4.557	-0.001	636231107	0.2042			
2	100	5.467	5.467	0.000	2498251771	0.2395			
						RPD = 15.91			
7 beta-BHC									
1	100	4.688	4.689	-0.001	260444227	0.1920			
2	100	5.643	5.643	0.000	915946127	0.2100			
						RPD = 8.96			
11 delta-BHC									
1	100	4.901	4.902	-0.001	687185120	0.2036			
2	100	6.192	6.192	0.000	2630677835	0.2424			
						RPD = 17.40			
22 Heptachlor									
1	100	5.182	5.183	-0.001	535800491	0.1953			
2	100	6.291	6.289	0.002	1895283610	0.2153			
						RPD = 9.74			
4 Aldrin									
1	100	5.633	5.633	0.000	663261771	0.1865			
2	100	7.006	7.005	0.001	2253559642	0.2119			
						RPD = 12.75			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.859	6.860	-0.001	520246976	0.1912			
2	100	8.491	8.492	-0.001	1763207285	0.2113			
						RPD = 10.01			
21 gamma-Chlordane									
1	100	7.166	7.166	0.000	612435203	0.1999			
2	100	8.920	8.919	0.001	1967602335	0.2203			
						RPD = 9.69			
6 alpha-Chlordane									
1	100	7.516	7.516	0.000	621295183	0.1967			
2	100	9.232	9.232	0.000	1914475532	0.2164			
						RPD = 9.50			
14 Endosulfan I									
1	100	7.793	7.794	-0.001	488935665	0.1911			
2	100	9.293	9.294	-0.001	1495459708	0.2096			
						RPD = 9.26			
2 4,4'-DDE									
1	100	7.896	7.899	-0.003	643528254	0.1946			
2	100	9.693	9.694	-0.001	1896085231	0.2193			
						RPD = 11.94			
13 Dieldrin									
1	100	8.359	8.361	-0.002	523169800	0.1971			
2	100	9.829	9.829	0.000	1709607295	0.2156			
						RPD = 8.98			
17 Endrin									
1	100	8.817	8.818	-0.001	468447209	0.1917			
2	100	10.351	10.351	0.000	1535350320	0.2180			
						RPD = 12.82			
1 4,4'-DDD									
1	100	9.182	9.185	-0.003	400866929	0.2121			
2	100	10.722	10.724	-0.002	2795664895	0.2257			
						RPD = 6.22			
15 Endosulfan II									
1	100	9.267	9.269	-0.002	479691393	0.1899			
2	100	10.722	10.724	-0.002	2795664895	0.2257			
						RPD = 17.25			
3 4,4'-DDT									
1	100	9.706	9.706	0.000	416361372	0.2218			
2	100	11.208	11.209	-0.001	1150455718	0.2466			
						RPD = 10.58			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	357675806	0.1945			
2	100	11.296	11.297	-0.001	1125612417	0.2143			
						RPD = 9.69			
27 Methoxychlor									
1	100	10.656	10.659	-0.003	176718160	0.2013			
2	100	12.287	12.288	-0.001	500747539	0.2167			
						RPD = 7.39			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.789	10.789	0.000	441429688	0.1972			
2	100	11.730	11.730	0.000	1488435239	0.2342			
						RPD = 17.17			
19 Endrin ketone									
1	100	11.188	11.188	0.000	456849243	0.1951			
2	100	12.466	12.467	-0.001	1369464177	0.2190			
						RPD = 11.52			
$ 10 DCB Decachlorobiphenyl									
1	100	12.801	12.802	-0.001	501258059	0.1964			
2	100	14.246	14.247	-0.001	1569230971	0.2310			
						RPD = 16.21			

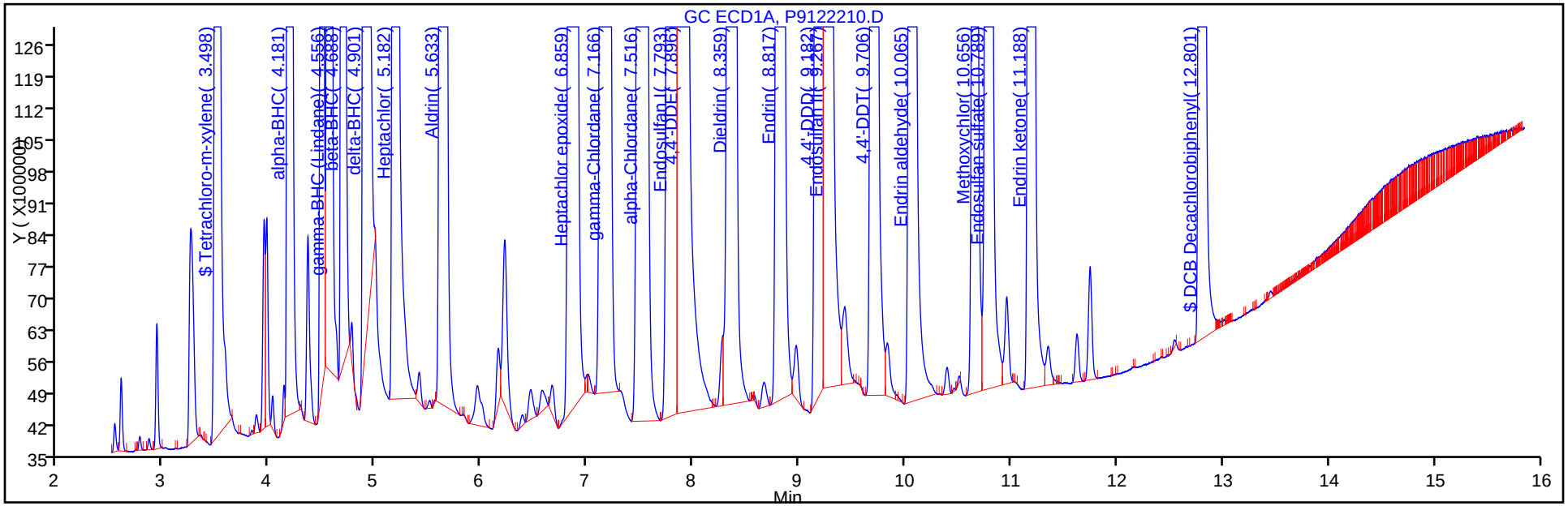
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TestAmerica Canton

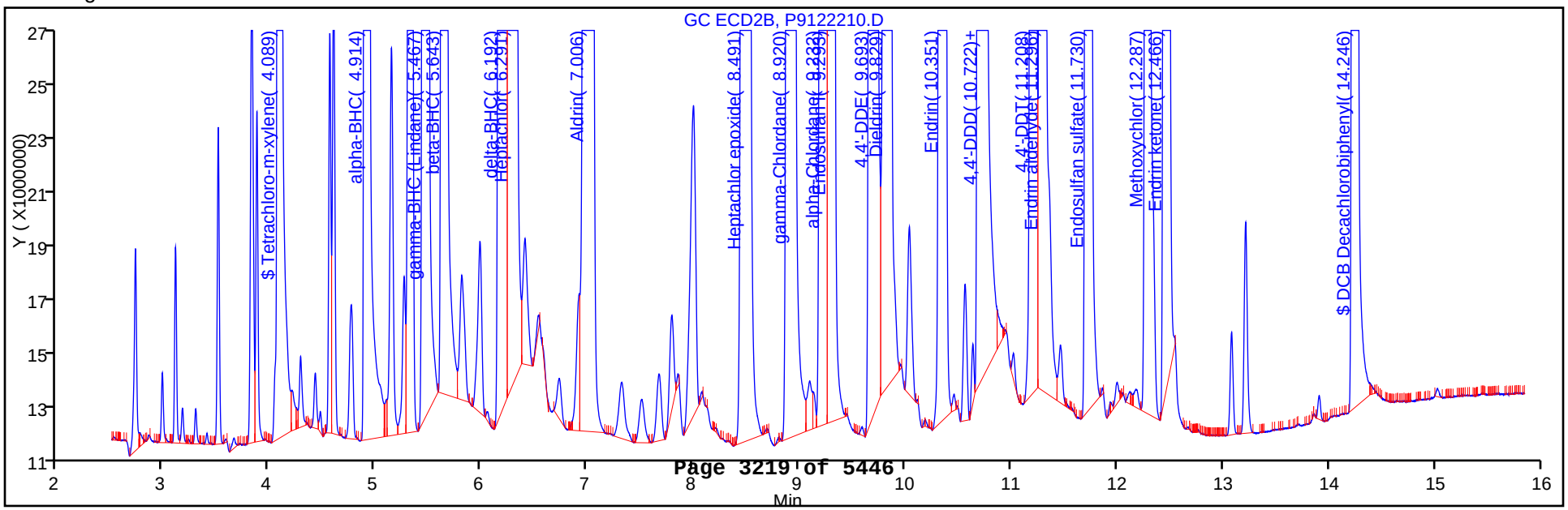
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Injection Date:	22-Dec-2012 15:13:25	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	10
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

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

SDG No.:

Lab Sample ID: PEM 240-69512/4 Calibration Date: 12/20/2012 08:04

Instrument ID: A2HP3 Calib Start Date: 12/07/2012 17:37

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/07/2012 19:23

Lab File ID: P3122004.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.79	49044528	7.27	15	
Endrin aldehyde	7.34	1853267			
Endrin ketone	8.14	1993085			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.27	78312210	3.47	15	
4,4'-DDD	6.99	602673			
4,4'-DDE	6.35	2212685			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122004.D
Lims ID: PEM Client ID:
Inject. Date: 20-Dec-2012 08:04:05 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0016042-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 69512 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:45 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:25:53

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.614	0.004	22044304	0.0203			
2	100	4.385	4.391	-0.006	14517797	0.0201			
						RPD = 0.81			
5 alpha-BHC									
1	100	4.265	4.262	0.003	13938662	0.0100			
2	100	4.771	4.779	-0.008	7398260	0.009747			
						RPD = 2.75			
20 gamma-BHC (Lindane)									
1	100	4.610	4.607	0.003	11951246	0.0100			
2	100	5.057	5.066	-0.009	6233266	0.0100			
						RPD = 0.48			
7 beta-BHC									
1	100	4.840	4.836	0.004	5927604	0.0107			
2	100	5.324	5.335	-0.011	3075699	0.0105			
						RPD = 2.52			
2 4,4'-DDE									
1	100	6.345	6.336	0.009	2212685	0.001850			
2	100	7.141	7.152	-0.011	520125	0.000703			
						RPD = 89.83			
17 Endrin									
1	100	6.794	6.790	0.004	49044528	0.0485			
2	100	7.497	7.509	-0.012	25832218	0.0497			
						RPD = 2.55			
1 4,4'-DDD									
1	100	6.985	6.981	0.004	602673	0.000679			
2	100	7.682	7.692	-0.010	833365	0.001945			
						RPD = 96.54			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	7.271	7.267	0.004	78312210	0.1036			
2	100	7.982	7.996	-0.014	37269628	0.1092			
						RPD = 5.22			
18 Endrin aldehyde									
1	100	7.340	7.336	0.004	1853267	0.002262			
2	100	7.888	7.899	-0.011	485037	0.001216			
						RPD = 60.18			
27 Methoxychlor									
1	100		7.981						
2	100		8.438						
19 Endrin ketone									
1	100	8.135	8.127	0.008	1993085	0.001941			
2	100	8.567	8.580	-0.013	710151	0.001517			
						RPD = 24.52			

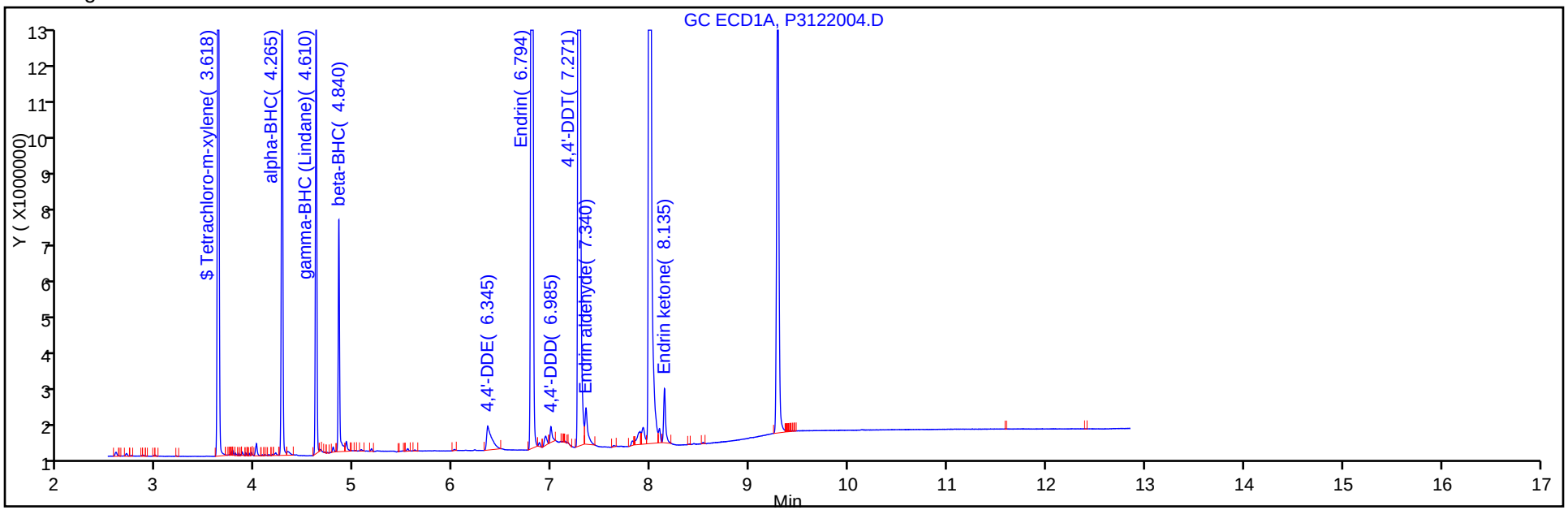
Report Date: 21-Dec-2012 07:16:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

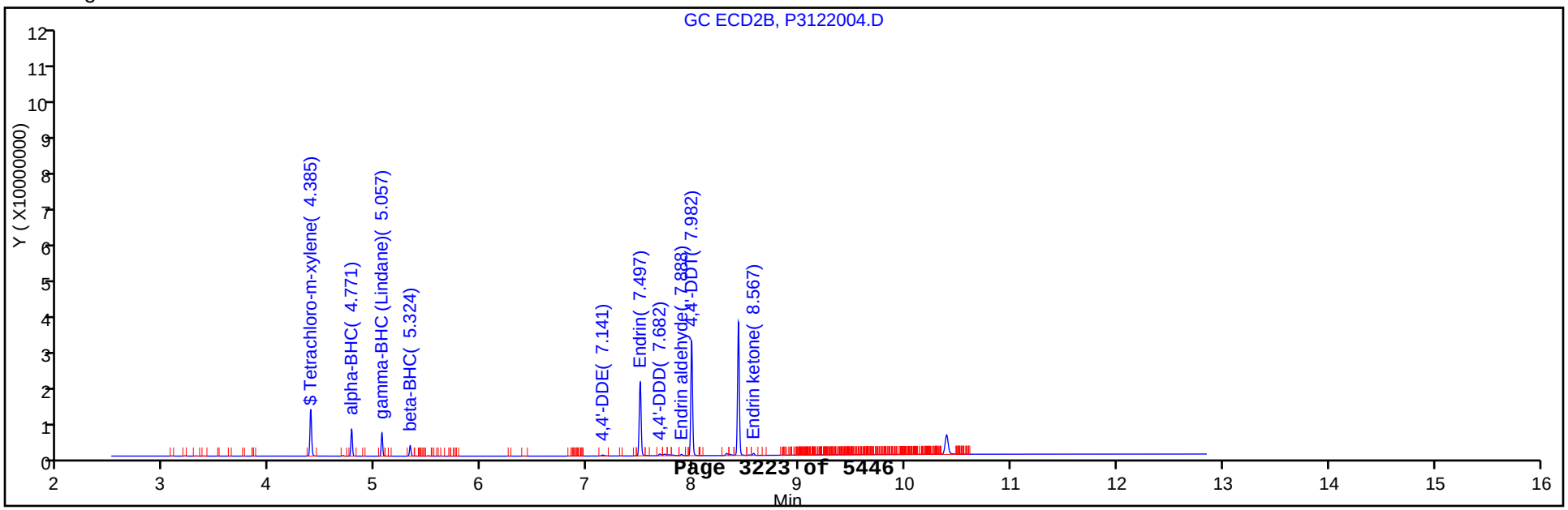
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122004.D

Injection Date:	20-Dec-2012 08:04:05	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

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

SDG No.:

Lab Sample ID: PEM 240-69512/4 Calibration Date: 12/20/2012 08:04

Instrument ID: A2HP3 Calib Start Date: 12/07/2012 17:37

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/07/2012 19:23

Lab File ID: P3122004.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.50	25832218	4.42	15	
Endrin aldehyde	7.89	485037			
Endrin ketone	8.57	710151			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.98	37269628	3.50	15	
4,4'-DDD	7.68	833365			
4,4'-DDE	7.14	520125			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122004.D
Lims ID: PEM Client ID:
Inject. Date: 20-Dec-2012 08:04:05 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0016042-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 69512 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:45 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:25:53

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.614	0.004	22044304	0.0203			
2	100	4.385	4.391	-0.006	14517797	0.0201			
						RPD = 0.81			
5 alpha-BHC									
1	100	4.265	4.262	0.003	13938662	0.0100			
2	100	4.771	4.779	-0.008	7398260	0.009747			
						RPD = 2.75			
20 gamma-BHC (Lindane)									
1	100	4.610	4.607	0.003	11951246	0.0100			
2	100	5.057	5.066	-0.009	6233266	0.0100			
						RPD = 0.48			
7 beta-BHC									
1	100	4.840	4.836	0.004	5927604	0.0107			
2	100	5.324	5.335	-0.011	3075699	0.0105			
						RPD = 2.52			
2 4,4'-DDE									
1	100	6.345	6.336	0.009	2212685	0.001850			
2	100	7.141	7.152	-0.011	520125	0.000703			
						RPD = 89.83			
17 Endrin									
1	100	6.794	6.790	0.004	49044528	0.0485			
2	100	7.497	7.509	-0.012	25832218	0.0497			
						RPD = 2.55			
1 4,4'-DDD									
1	100	6.985	6.981	0.004	602673	0.000679			
2	100	7.682	7.692	-0.010	833365	0.001945			
						RPD = 96.54			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	7.271	7.267	0.004	78312210	0.1036			
2	100	7.982	7.996	-0.014	37269628	0.1092			
						RPD = 5.22			
18 Endrin aldehyde									
1	100	7.340	7.336	0.004	1853267	0.002262			
2	100	7.888	7.899	-0.011	485037	0.001216			
						RPD = 60.18			
27 Methoxychlor									
1	100		7.981						
2	100		8.438						
19 Endrin ketone									
1	100	8.135	8.127	0.008	1993085	0.001941			
2	100	8.567	8.580	-0.013	710151	0.001517			
						RPD = 24.52			

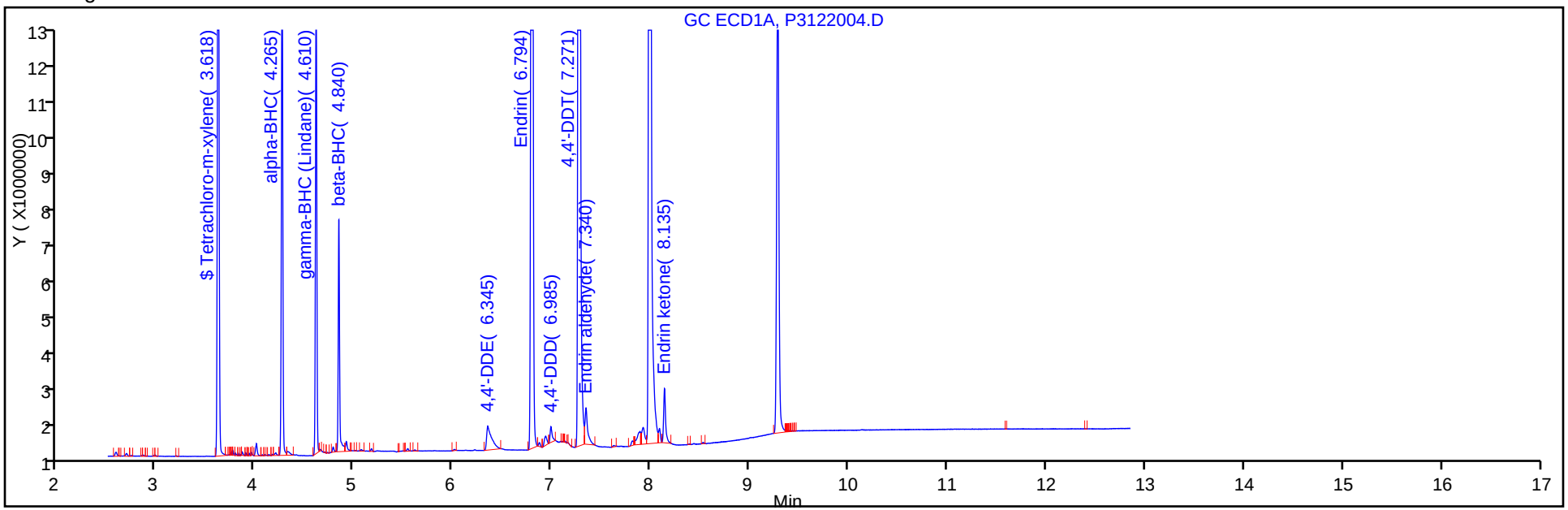
Report Date: 21-Dec-2012 07:16:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

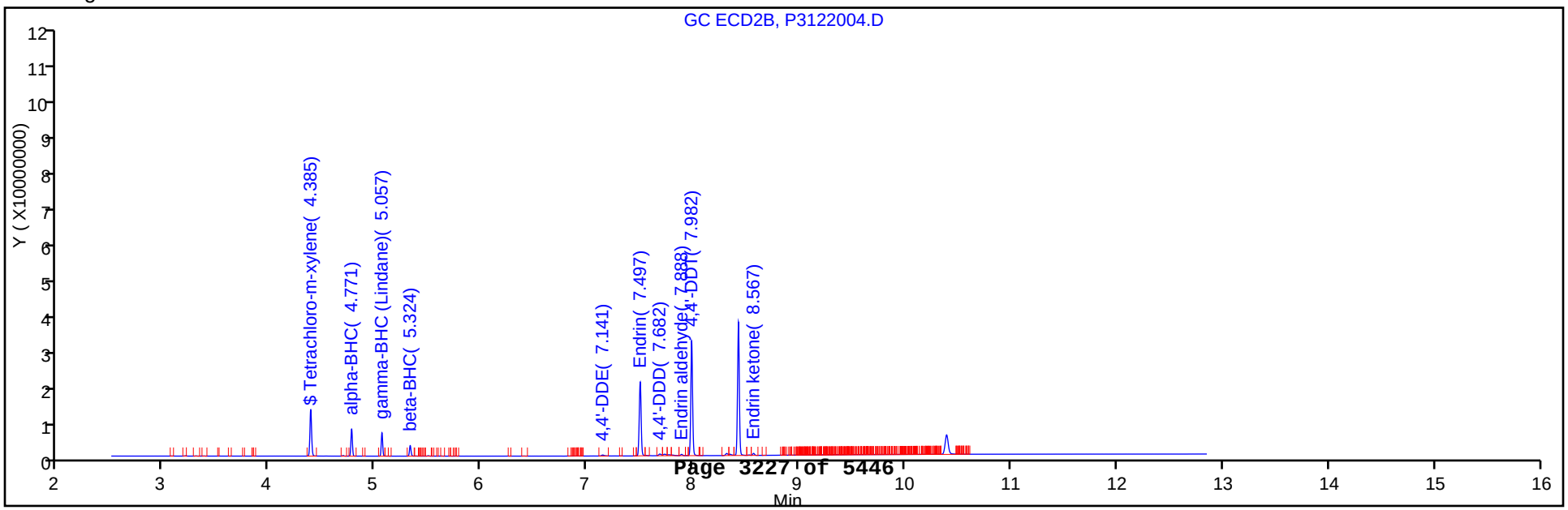
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Injection Date:	20-Dec-2012 08:04:05	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

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

SDG No.:

Lab Sample ID: PEM 240-69512/24 Calibration Date: 12/20/2012 15:04

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122024.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.79	42193756	8.50	15	
Endrin aldehyde	7.34	1726329			
Endrin ketone	8.13	2192663			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.27	65036876	2.71	15	
4,4'-DDD	6.99	882059			
4,4'-DDE	6.35	929079			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122024.D
Lims ID: PEM Client ID:
Inject. Date: 20-Dec-2012 15:04:57 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0016042-024
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 69512 Lims Sample ID: 24
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 07:28:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.617	3.618	-0.001	22562299	0.0208			
2	100	4.383	4.385	-0.002	14386245	0.0200			
						RPD = 4.04			
5 alpha-BHC									
1	100	4.264	4.265	-0.001	12846424	0.009234			
2	100	4.770	4.771	-0.001	6570693	0.008657			
						RPD = 6.45			
20 gamma-BHC (Lindane)									
1	100	4.608	4.608	0.000	11160686	0.009358			
2	100	5.056	5.057	-0.001	5463999	0.008742			
						RPD = 6.80			
7 beta-BHC									
1	100	4.839	4.839	0.000	5184746	0.009380			
2	100	5.324	5.324	0.000	2718950	0.009244			
						RPD = 1.46			
2 4,4'-DDE									M
1	100	6.345	6.341	0.004	929079	0.000777			M
2	100	7.142	7.139	0.003	490271	0.000663			
						RPD = 15.82			
17 Endrin									
1	100	6.793	6.793	0.000	42193756	0.0417			
2	100	7.496	7.497	-0.001	22742879	0.0438			
						RPD = 4.86			
1 4,4'-DDD									
1	100	6.987	6.984	0.003	882059	0.000993			
2	100	7.682	7.678	0.004	765417	0.001787			
						RPD = 57.07			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	7.271	7.272	-0.001	65036876	0.0860			
2	100	7.983	7.984	-0.001	32828034	0.0962			
						RPD = 11.09			
18 Endrin aldehyde									
1	100	7.342	7.339	0.003	1726329	0.002107			
2	100	7.888	7.888	0.000	234861	0.000589			
						RPD = 112.66			
27 Methoxychlor									
1	100		7.986						
2	100		8.424						
19 Endrin ketone									
1	100	8.134	8.134	0.000	2192663	0.002136			
2	100	8.570	8.569	0.001	649462	0.001388			
						RPD = 42.46			

QC Flag Legend

Review Flags
M - Manually Integrated

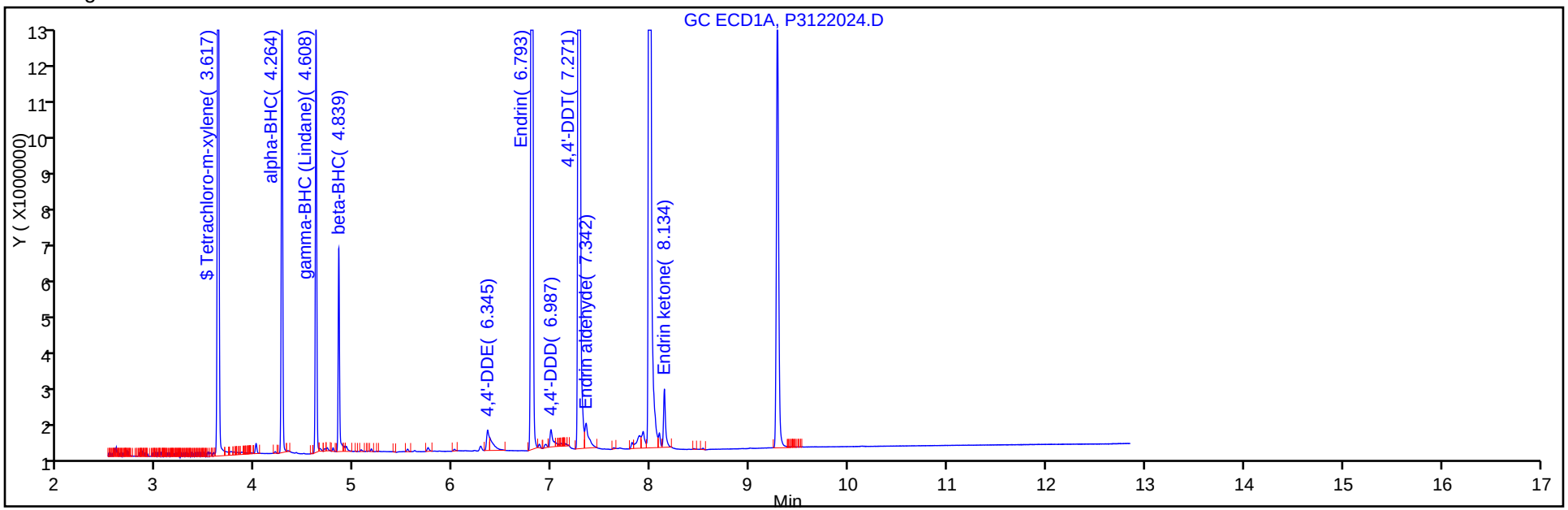
Report Date: 21-Dec-2012 09:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

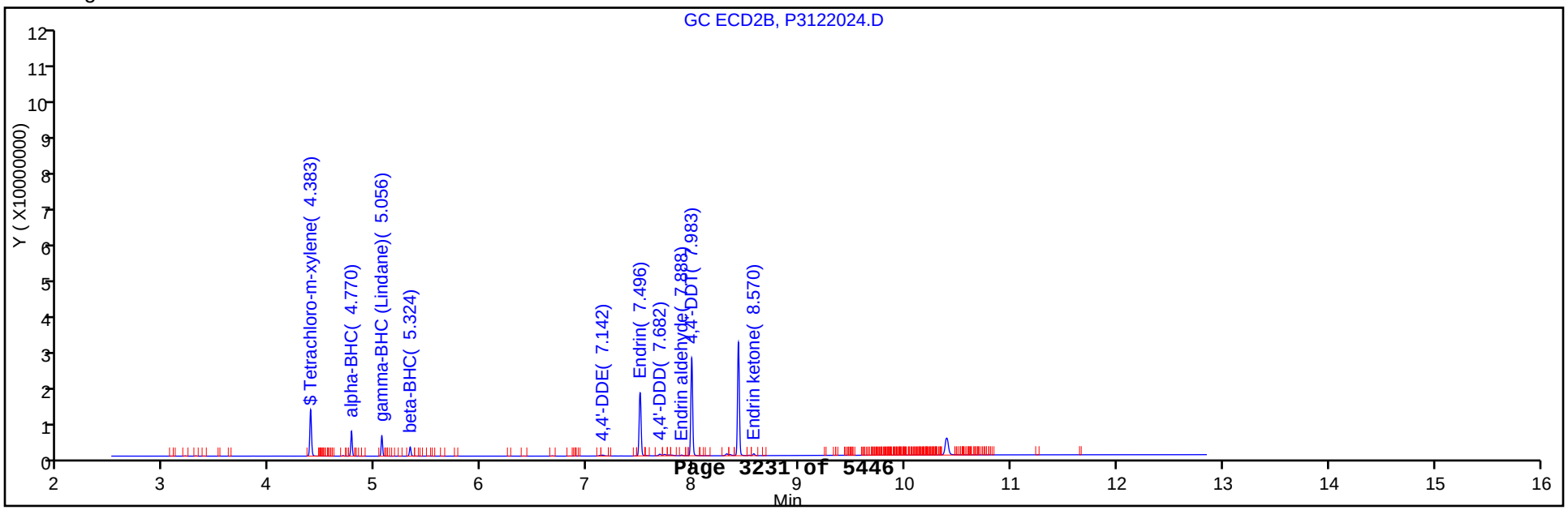
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Injection Date:	20-Dec-2012 15:04:57	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	24
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

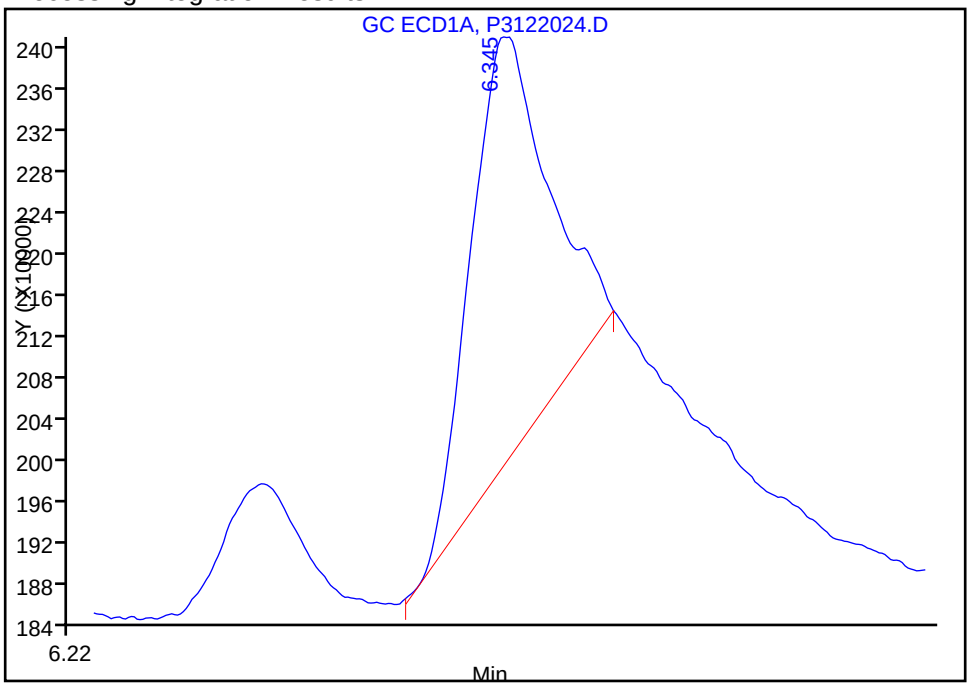
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122024.D		
Injection Date:	20-Dec-2012 15:04:57	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	24
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

2 4,4'-DDE, Signal: 1, Type: quant, RT: 6.34, Det: GC ECD1A

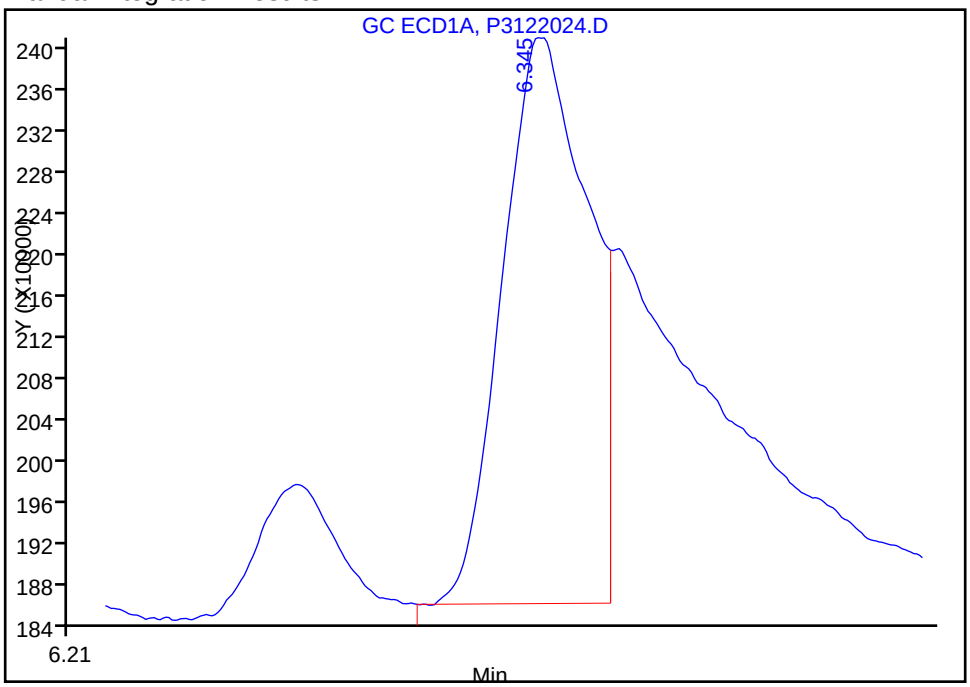
Processing Integration Results

RT: 6.34
Response: 636284
Amount: 0.000532



Manual Integration Results

RT: 6.34
Response: 929079
Amount: 0.000777



Reviewer: vandorenc, 21-Dec-2012 07:28:48
Audit Action: Split an Integrated Peak
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

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

SDG No.:

Lab Sample ID: PEM 240-69512/24 Calibration Date: 12/20/2012 15:04

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122024.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.50	22742879	3.74	15	
Endrin aldehyde	7.89	234861			
Endrin ketone	8.57	649462			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.98	32828034	3.68	15	
4,4'-DDD	7.68	765417			
4,4'-DDE	7.14	490271			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122024.D
Lims ID: PEM Client ID:
Inject. Date: 20-Dec-2012 15:04:57 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0016042-024
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 24
Lims Batch ID: 69512 Lims Sample ID: 24
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 07:28:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.617	3.618	-0.001	22562299	0.0208			
2	100	4.383	4.385	-0.002	14386245	0.0200			
						RPD = 4.04			
5 alpha-BHC									
1	100	4.264	4.265	-0.001	12846424	0.009234			
2	100	4.770	4.771	-0.001	6570693	0.008657			
						RPD = 6.45			
20 gamma-BHC (Lindane)									
1	100	4.608	4.608	0.000	11160686	0.009358			
2	100	5.056	5.057	-0.001	5463999	0.008742			
						RPD = 6.80			
7 beta-BHC									
1	100	4.839	4.839	0.000	5184746	0.009380			
2	100	5.324	5.324	0.000	2718950	0.009244			
						RPD = 1.46			
2 4,4'-DDE									M
1	100	6.345	6.341	0.004	929079	0.000777			M
2	100	7.142	7.139	0.003	490271	0.000663			
						RPD = 15.82			
17 Endrin									
1	100	6.793	6.793	0.000	42193756	0.0417			
2	100	7.496	7.497	-0.001	22742879	0.0438			
						RPD = 4.86			
1 4,4'-DDD									
1	100	6.987	6.984	0.003	882059	0.000993			
2	100	7.682	7.678	0.004	765417	0.001787			
						RPD = 57.07			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	7.271	7.272	-0.001	65036876	0.0860			
2	100	7.983	7.984	-0.001	32828034	0.0962			
						RPD = 11.09			
18 Endrin aldehyde									
1	100	7.342	7.339	0.003	1726329	0.002107			
2	100	7.888	7.888	0.000	234861	0.000589			
						RPD = 112.66			
27 Methoxychlor									
1	100		7.986						
2	100		8.424						
19 Endrin ketone									
1	100	8.134	8.134	0.000	2192663	0.002136			
2	100	8.570	8.569	0.001	649462	0.001388			
						RPD = 42.46			

QC Flag Legend

Review Flags
M - Manually Integrated

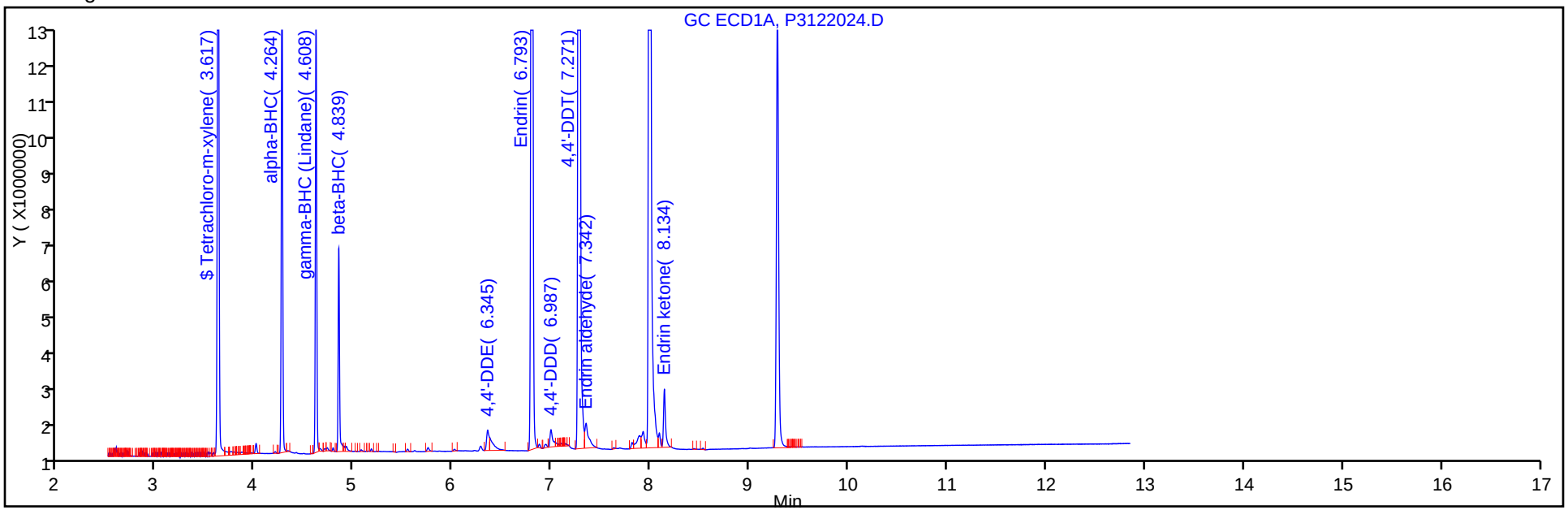
Report Date: 21-Dec-2012 09:49:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

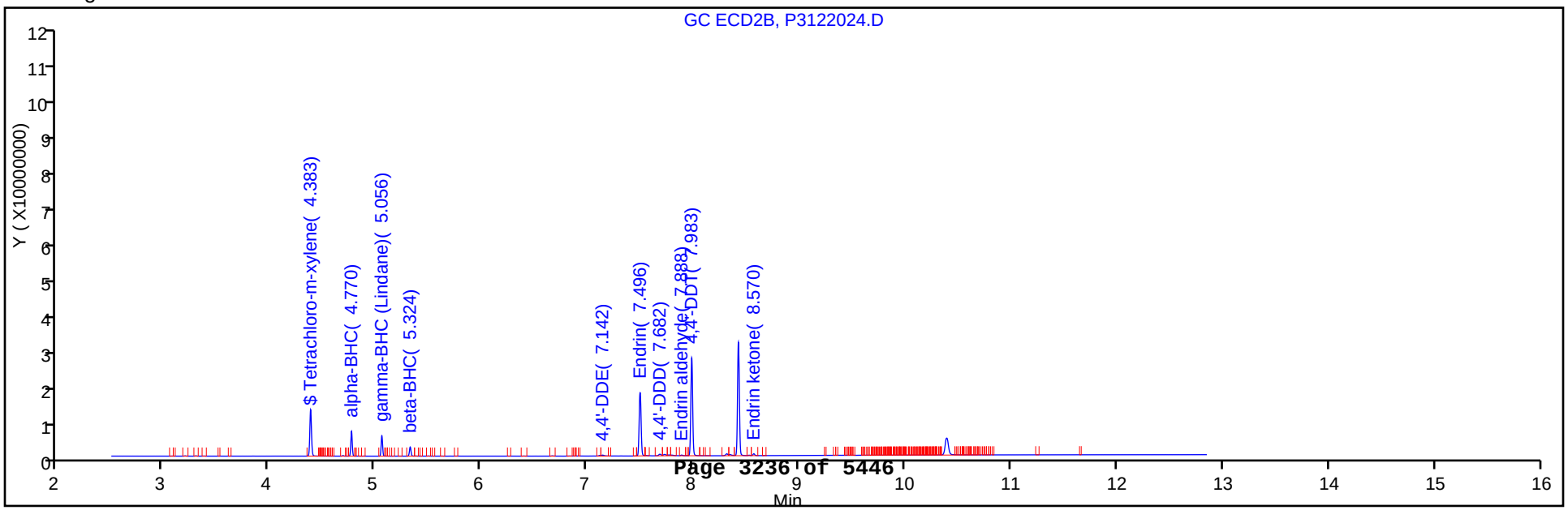
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Injection Date:	20-Dec-2012 15:04:57	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	24
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

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

SDG No.:

Lab Sample ID: PEM 240-67554/4 Calibration Date: 12/06/2012 10:20

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 03:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 11/28/2012 05:55

Lab File ID: P9120604.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	8.83	113984532	5.80	15	
Endrin aldehyde	10.07	2229807			
Endrin ketone	11.19	4788174			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	9.71	204260084	1.30	15	
4,4'-DDD	9.19	1003969			
4,4'-DDE	7.91	1679325			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120604.D
Lims ID: PEM Client ID:
Inject. Date: 06-Dec-2012 10:20:19 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0015581-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 67554 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:12 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 08:52:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.502	3.501	0.001	53777115	0.0207			
2	100	4.095	4.094	0.001	156359033	0.0202			
						RPD = 2.52			
5 alpha-BHC									
1	100	4.184	4.185	-0.001	34899847	0.0102			
2	100	4.920	4.921	-0.001	104134514	0.009643			
						RPD = 5.62			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	30852504	0.0106			
2	100	5.477	5.477	0.000	93294747	0.0104			
						RPD = 1.84			
7 beta-BHC									
1	100	4.690	4.691	-0.001	13423299	0.0107			
2	100	5.653	5.653	0.000	40910916	0.0108			
						RPD = 1.00			
2 4,4'-DDE									
1	100	7.906	7.906	0.000	1679325	0.000563			
2	100	9.705	9.706	-0.001	4207935	0.000561			
						RPD = 0.28			
17 Endrin									
1	100	8.826	8.827	-0.001	113984532	0.0503			
2	100	10.364	10.363	0.001	304525998	0.0481			
						RPD = 4.40			
1 4,4'-DDD									M
1	100	9.190	9.188	0.002	1003969	0.000547			M
2	100	10.729	10.735	-0.006	3836126	0.000356			
						RPD = 42.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	9.710	9.711	-0.001	204260084	0.1024			
2	100	11.220	11.221	-0.001	536896954	0.1089			
						RPD = 6.17			
18 Endrin aldehyde									
1	100	10.069	10.071	-0.002	2229807	0.001239			M
2	100	11.309	11.309	0.000	5497627	0.001162			
						RPD = 6.42			
27 Methoxychlor									
1	100		10.661						
2	100		12.297						
19 Endrin ketone									
1	100	11.193	11.194	-0.001	4788174	0.002134			
2	100	12.478	12.478	0.000	14442060	0.002504			
						RPD = 15.96			

QC Flag Legend

Review Flags
M - Manually Integrated

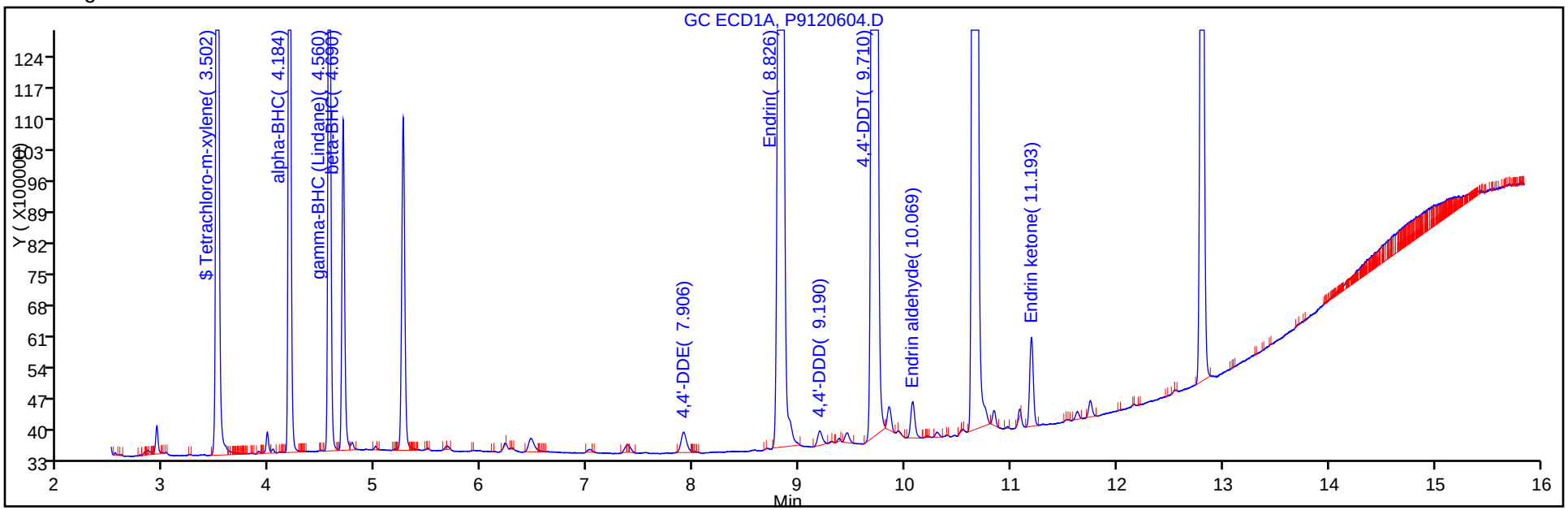
Report Date: 07-Dec-2012 10:25:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

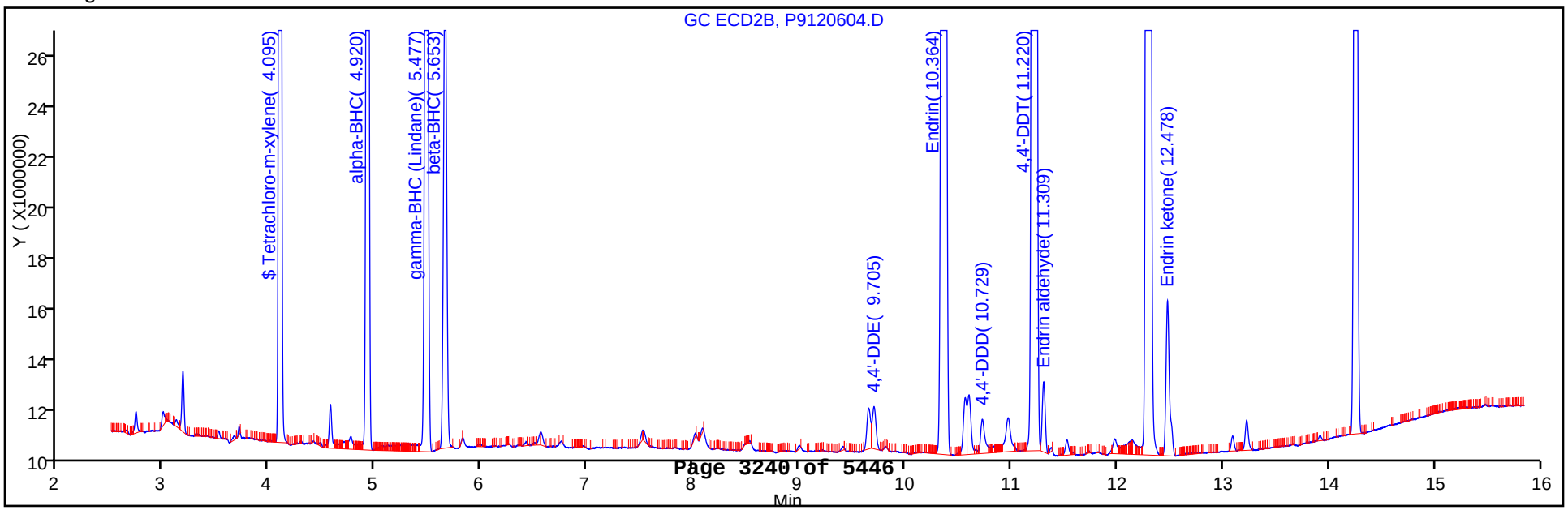
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Injection Date:	06-Dec-2012 10:20:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 07-Dec-2012 10:25:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

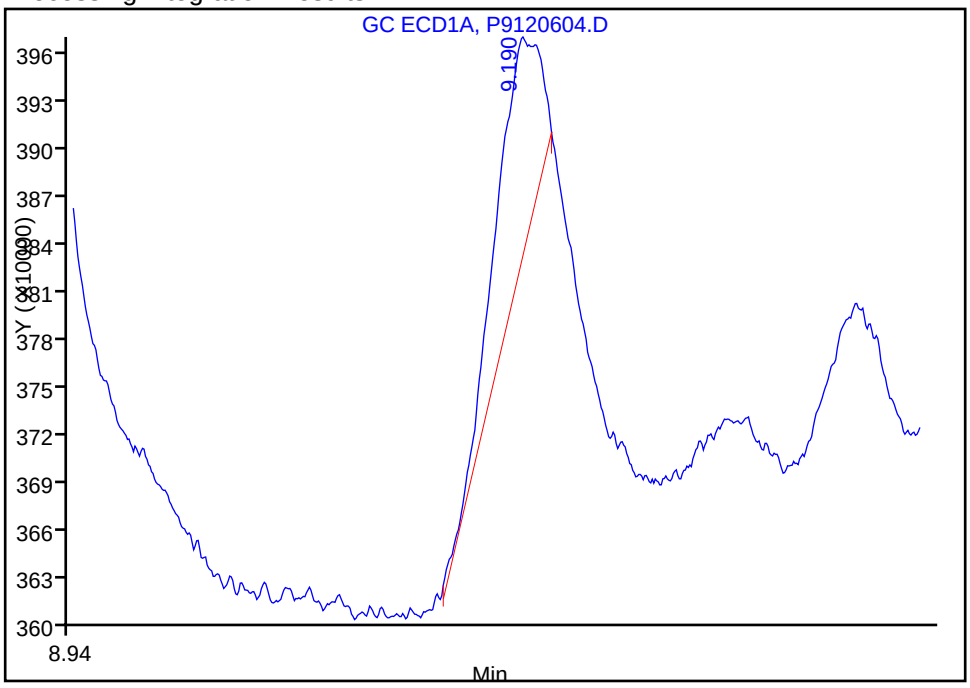
TestAmerica Canton

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Injection Date:	06-Dec-2012 10:20:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 4,4'-DDD, Signal: 1, Type: quant, RT: 9.19, Det: GC ECD1A

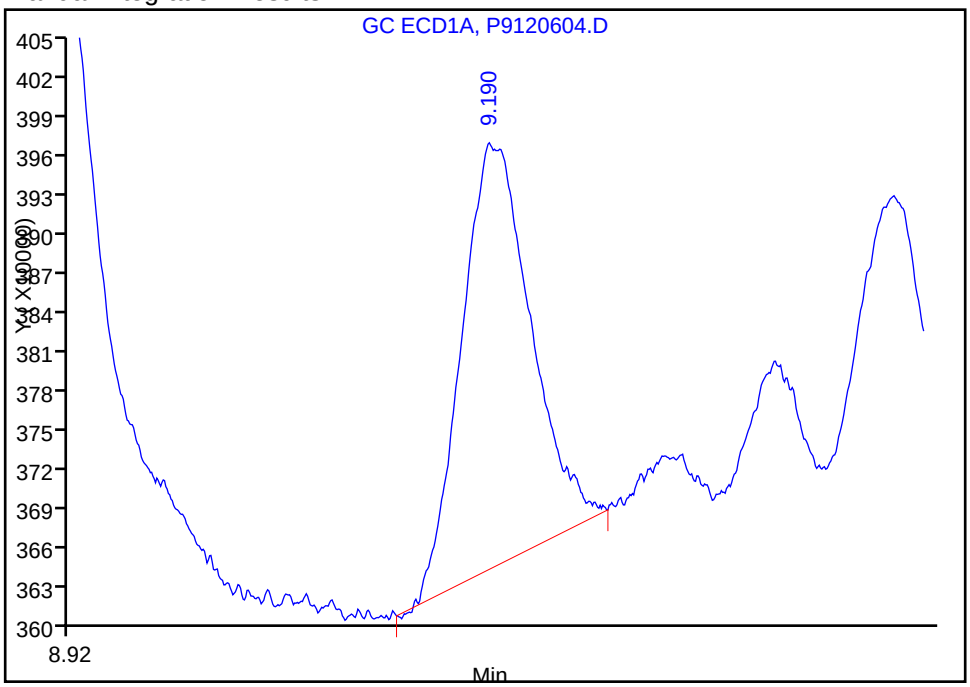
Processing Integration Results

RT: 9.19
Response: 237847
Amount: 0.000130



Manual Integration Results

RT: 9.19
Response: 1003969
Amount: 0.000547



Reviewer: vandorenc, 07-Dec-2012 08:52:03
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

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

SDG No.:

Lab Sample ID: PEM 240-67554/4 Calibration Date: 12/06/2012 10:20

Instrument ID: A2HP9 Calib Start Date: 11/28/2012 03:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2012 05:55

Lab File ID: P9120604.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	10.36	304525998	6.15	15	
Endrin aldehyde	11.31	5497627			
Endrin ketone	12.48	14442060			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	11.22	536896954	1.48	15	
4,4'-DDD	10.73	3836126			
4,4'-DDE	9.71	4207935			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120604.D
Lims ID: PEM Client ID:
Inject. Date: 06-Dec-2012 10:20:19 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0015581-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 67554 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:12 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 08:52:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.502	3.501	0.001	53777115	0.0207			
2	100	4.095	4.094	0.001	156359033	0.0202			
						RPD = 2.52			
5 alpha-BHC									
1	100	4.184	4.185	-0.001	34899847	0.0102			
2	100	4.920	4.921	-0.001	104134514	0.009643			
						RPD = 5.62			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	30852504	0.0106			
2	100	5.477	5.477	0.000	93294747	0.0104			
						RPD = 1.84			
7 beta-BHC									
1	100	4.690	4.691	-0.001	13423299	0.0107			
2	100	5.653	5.653	0.000	40910916	0.0108			
						RPD = 1.00			
2 4,4'-DDE									
1	100	7.906	7.906	0.000	1679325	0.000563			
2	100	9.705	9.706	-0.001	4207935	0.000561			
						RPD = 0.28			
17 Endrin									
1	100	8.826	8.827	-0.001	113984532	0.0503			
2	100	10.364	10.363	0.001	304525998	0.0481			
						RPD = 4.40			
1 4,4'-DDD									M
1	100	9.190	9.188	0.002	1003969	0.000547			M
2	100	10.729	10.735	-0.006	3836126	0.000356			
						RPD = 42.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	9.710	9.711	-0.001	204260084	0.1024			
2	100	11.220	11.221	-0.001	536896954	0.1089			
						RPD = 6.17			
18 Endrin aldehyde									
1	100	10.069	10.071	-0.002	2229807	0.001239			M
2	100	11.309	11.309	0.000	5497627	0.001162			
						RPD = 6.42			
27 Methoxychlor									
1	100		10.661						
2	100		12.297						
19 Endrin ketone									
1	100	11.193	11.194	-0.001	4788174	0.002134			
2	100	12.478	12.478	0.000	14442060	0.002504			
						RPD = 15.96			

QC Flag Legend

Review Flags
M - Manually Integrated

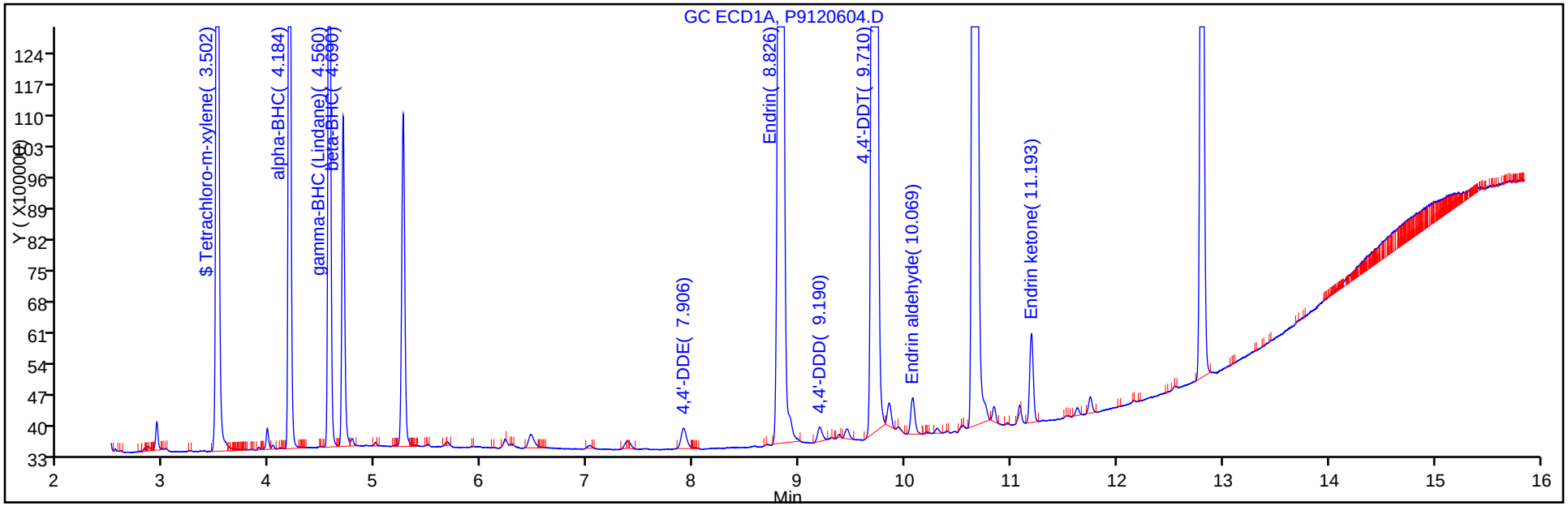
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TestAmerica Canton

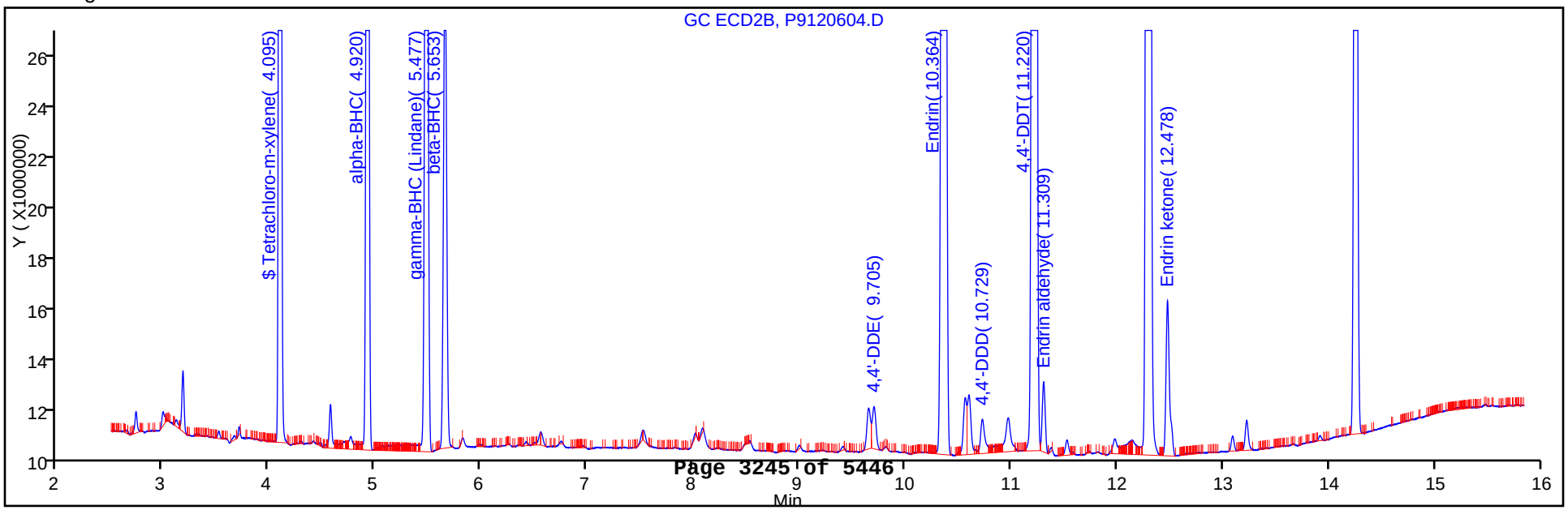
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Injection Date:	06-Dec-2012 10:20:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

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

SDG No.:

Lab Sample ID: PEM 240-68628/4 Calibration Date: 12/14/2012 02:36

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121404.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	8.83	113257673	2.26	15	
Endrin aldehyde	10.08	893795			
Endrin ketone	11.19	1730209			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	9.71	186635237	2.93	15	
4,4'-DDD	9.19	4523731			
4,4'-DDE	7.91	1110905			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121404.D
Lims ID: PEM Client ID:
Inject. Date: 14-Dec-2012 02:36:03 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0015828-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 68628 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:08:57 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc Date: 14-Dec-2012 11:17:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.501	0.000	51725556	0.0200			
2	100	4.091	4.092	-0.001	155387016	0.0201			
						RPD = 0.75			
5 alpha-BHC									
1	100	4.183	4.183	0.000	30998781	0.009060			
2	100	4.918	4.919	-0.001	95177505	0.008813			
						RPD = 2.76			
20 gamma-BHC (Lindane)									
1	100	4.560	4.559	0.001	27737788	0.009520			
2	100	5.474	5.474	0.000	85899658	0.009572			
						RPD = 0.55			
7 beta-BHC									
1	100	4.691	4.690	0.001	12602893	0.0101			
2	100	5.650	5.649	0.001	39926907	0.0106			
						RPD = 4.87			
2 4,4'-DDE									
1	100	7.906	7.903	0.003	1110905	0.000372			
2	100	9.703	9.701	0.002	3408147	0.000454			
						RPD = 19.90			
17 Endrin									M
1	100	8.826	8.824	0.002	113257673	0.0500			
2	100	10.361	10.359	0.002	313437283	0.0495			
						RPD = 0.88			
1 4,4'-DDD									
1	100	9.189	9.187	0.002	4523731	0.002463			
2	100	10.722	10.729	-0.007	15116636	0.001401			
						RPD = 54.97			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	9.711	9.709	0.002	186635237	0.0936			
2	100	11.216	11.215	0.001	474889379	0.0963			
						RPD = 2.92			
18 Endrin aldehyde									M
1	100	10.077	10.069	0.008	893795	0.000497			7
2	100	11.304	11.303	0.001	1537263	0.000325			7
						RPD = 41.81			
LOD = 0.000500									
27 Methoxychlor									
1	100		10.659						
2	100		12.294						
19 Endrin ketone									
1	100	11.193	11.194	-0.001	1730209	0.000771			
2	100	12.475	12.474	0.001	4556406	0.000790			
						RPD = 2.43			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

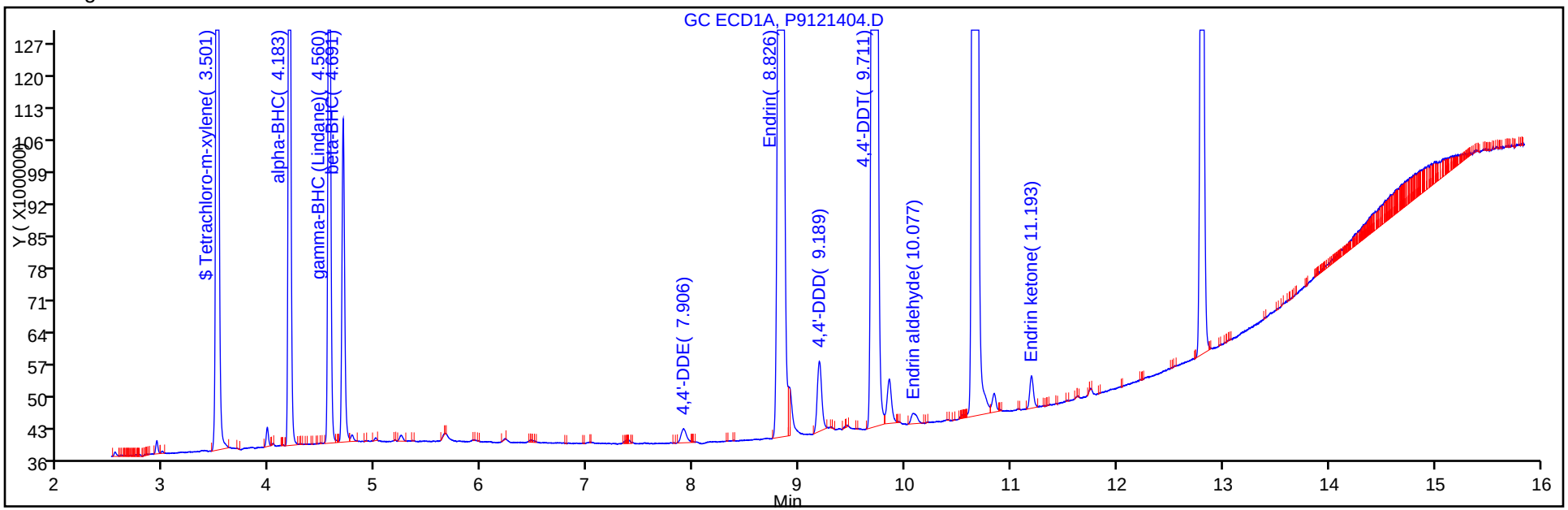
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TestAmerica Canton

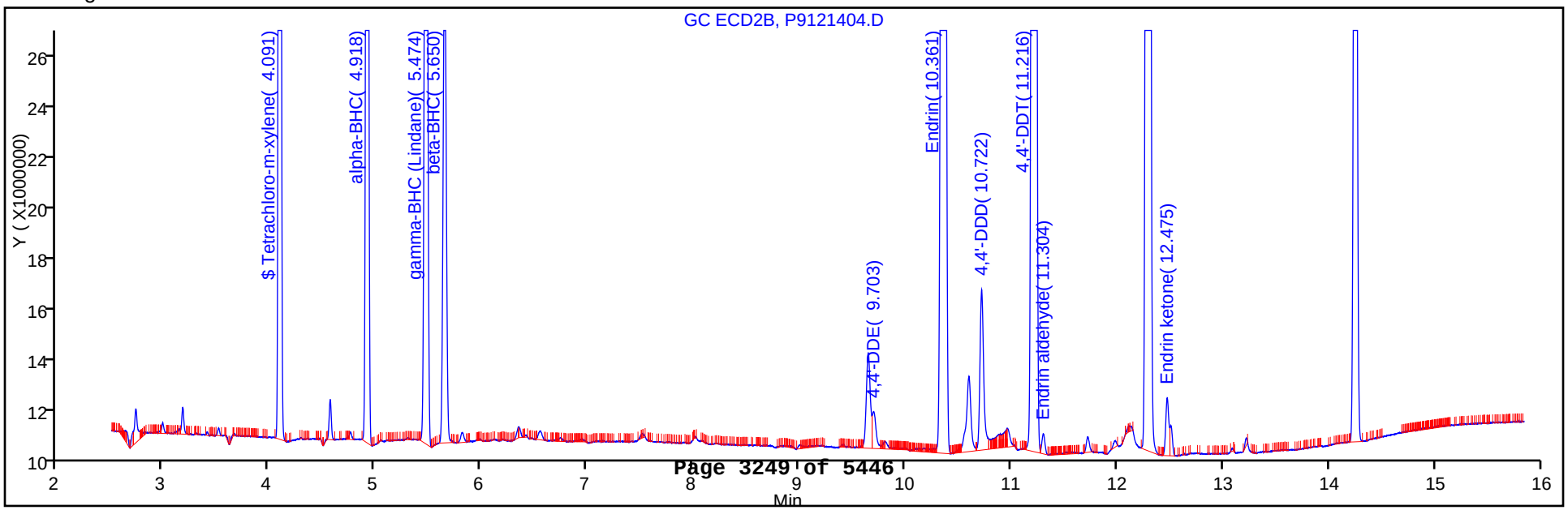
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Injection Date:	14-Dec-2012 02:36:03	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

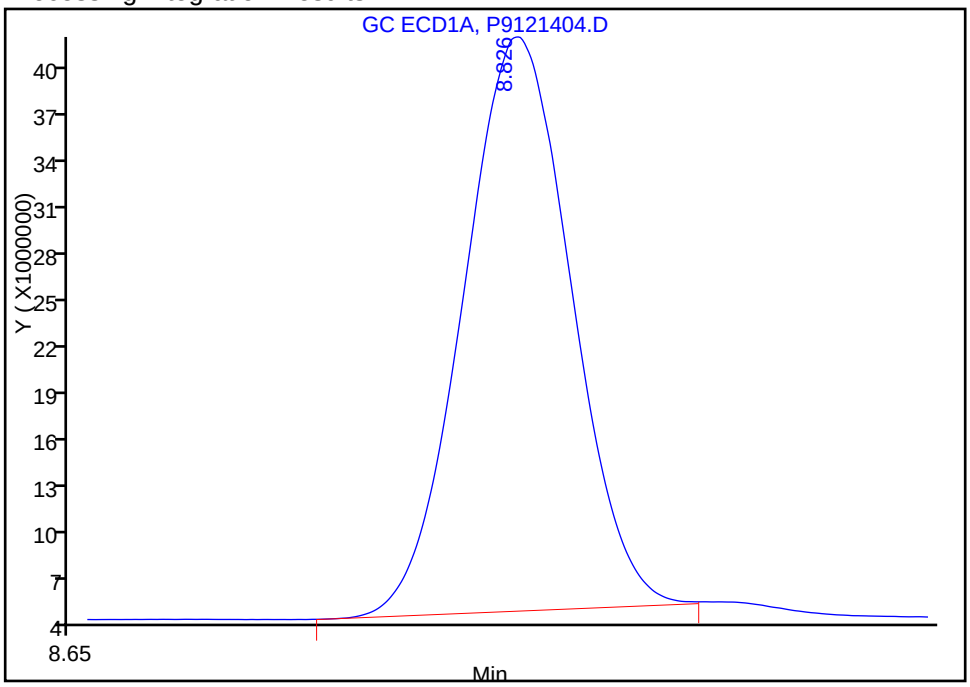
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121404.D		
Injection Date:	14-Dec-2012 02:36:03	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

17 Endrin, Signal: 1, Type: quant, RT: 8.82, Det: GC ECD1A

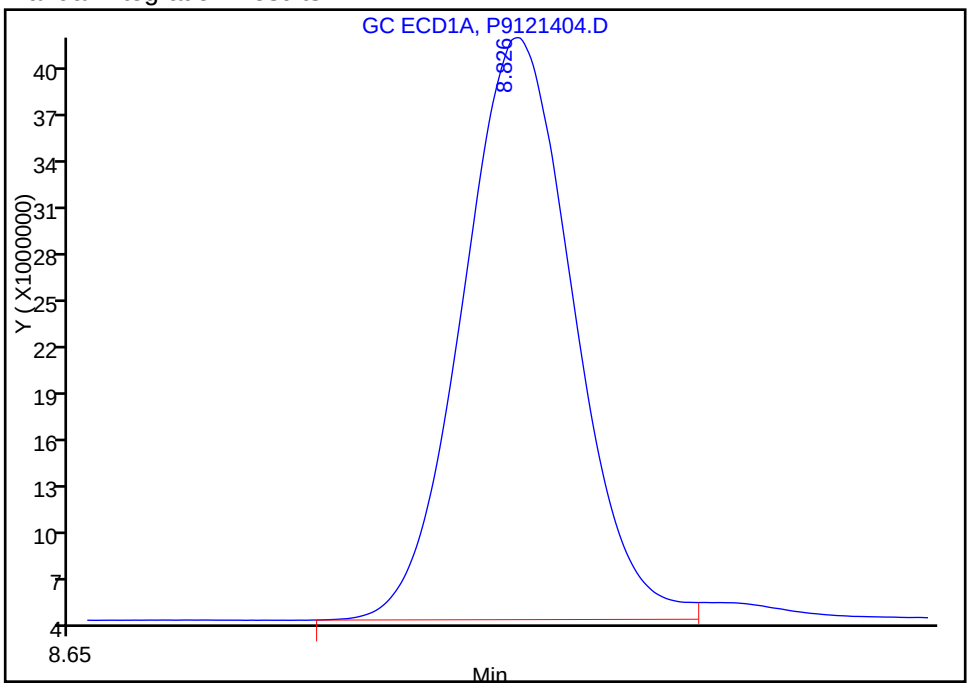
Processing Integration Results

RT: 8.83
Response: 108967373
Amount: 0.048086



Manual Integration Results

RT: 8.83
Response: 113257673
Amount: 0.049979



Reviewer: vandorenc, 14-Dec-2012 11:17:01
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

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

SDG No.:

Lab Sample ID: PEM 240-68628/4 Calibration Date: 12/14/2012 02:36

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121404.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	10.36	313437283	1.91	15	
Endrin aldehyde	11.30	1537263			
Endrin ketone	12.48	4556406			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	11.22	474889379	3.75	15	
4,4'-DDD	10.72	15116636			
4,4'-DDE	9.70	3408147			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121404.D
Lims ID: PEM Client ID:
Inject. Date: 14-Dec-2012 02:36:03 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0015828-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 68628 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:08:57 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc Date: 14-Dec-2012 11:17:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.501	0.000	51725556	0.0200			
2	100	4.091	4.092	-0.001	155387016	0.0201			
						RPD = 0.75			
5 alpha-BHC									
1	100	4.183	4.183	0.000	30998781	0.009060			
2	100	4.918	4.919	-0.001	95177505	0.008813			
						RPD = 2.76			
20 gamma-BHC (Lindane)									
1	100	4.560	4.559	0.001	27737788	0.009520			
2	100	5.474	5.474	0.000	85899658	0.009572			
						RPD = 0.55			
7 beta-BHC									
1	100	4.691	4.690	0.001	12602893	0.0101			
2	100	5.650	5.649	0.001	39926907	0.0106			
						RPD = 4.87			
2 4,4'-DDE									
1	100	7.906	7.903	0.003	1110905	0.000372			
2	100	9.703	9.701	0.002	3408147	0.000454			
						RPD = 19.90			
17 Endrin									M
1	100	8.826	8.824	0.002	113257673	0.0500			
2	100	10.361	10.359	0.002	313437283	0.0495			
						RPD = 0.88			
1 4,4'-DDD									
1	100	9.189	9.187	0.002	4523731	0.002463			
2	100	10.722	10.729	-0.007	15116636	0.001401			
						RPD = 54.97			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	9.711	9.709	0.002	186635237	0.0936			
2	100	11.216	11.215	0.001	474889379	0.0963			
						RPD = 2.92			
18 Endrin aldehyde									M
1	100	10.077	10.069	0.008	893795	0.000497			7
2	100	11.304	11.303	0.001	1537263	0.000325			7
						RPD = 41.81			
LOD = 0.000500									
27 Methoxychlor									
1	100		10.659						
2	100		12.294						
19 Endrin ketone									
1	100	11.193	11.194	-0.001	1730209	0.000771			
2	100	12.475	12.474	0.001	4556406	0.000790			
						RPD = 2.43			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

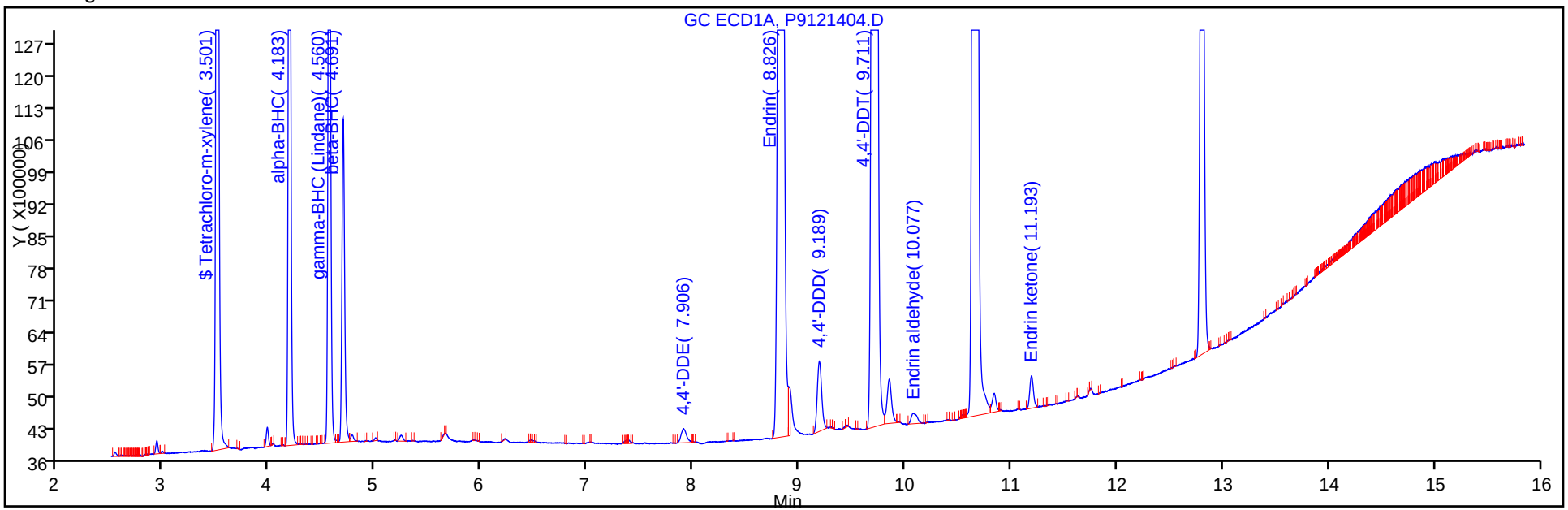
Report Date: 18-Dec-2012 11:08:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

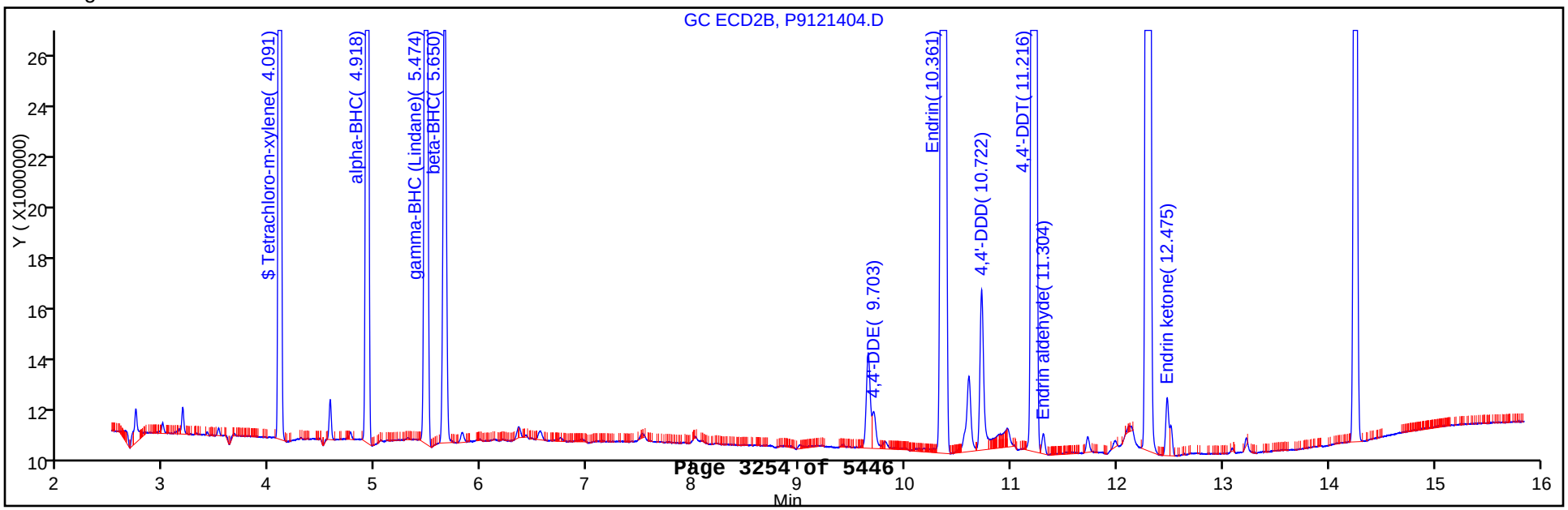
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121404.D

Injection Date:	14-Dec-2012 02:36:03	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

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

SDG No.:

Lab Sample ID: PEM 240-69893/4 Calibration Date: 12/22/2012 12:44

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9122204.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	8.82	114882575	3.07	15	
Endrin aldehyde	10.09	619877			
Endrin ketone	11.19	3014383			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	9.71	178906324	5.71	15	
4,4'-DDD	9.19	8719804			
4,4'-DDE	7.90	2108955			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122204.D
Lims ID: PEM Client ID:
Inject. Date: 22-Dec-2012 12:44:13 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0016122-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 69893 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:39 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 10:40:59

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.500	3.499	0.001	55904140	0.0206			
2	100	4.089	4.089	0.000	171697334	0.0196			
						RPD = 4.96			
5 alpha-BHC									
1	100	4.182	4.182	0.000	38063150	0.0100			
2	100	4.914	4.913	0.001	118328307	0.008980			
						RPD = 10.66			
20 gamma-BHC (Lindane)									
1	100	4.558	4.557	0.001	31087971	0.0100			
2	100	5.469	5.467	0.002	97396125	0.009337			
						RPD = 6.64			
7 beta-BHC									
1	100	4.690	4.689	0.001	14451563	0.0107			
2	100	5.644	5.643	0.001	45435875	0.0104			
						RPD = 2.24			
2 4,4'-DDE									M
1	100	7.904	7.899	0.005	2108955	0.000638			M
2	100	9.697	9.694	0.003	6248933	0.000723			
						RPD = 12.50			
17 Endrin									
1	100	8.821	8.818	0.003	114882575	0.0470			
2	100	10.353	10.351	0.002	324989832	0.0461			
						RPD = 1.88			
1 4,4'-DDD									
1	100	9.190	9.185	0.005	8719804	0.004613			
2	100	10.718	10.724	-0.006	28218431	0.002278			
						RPD = 67.77			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	9.708	9.706	0.002	178906324	0.0953			
2	100	11.211	11.209	0.002	464866445	0.0996			
						RPD = 4.44			
18 Endrin aldehyde									
1	100	10.085	10.065	0.020	619877	0.000337			7M
2	100	11.298	11.297	0.001	2901888	0.000553			7
						RPD = 48.43			
LOD = 0.000500									
27 Methoxychlor									
1	100		10.659						
2	100		12.288						
19 Endrin ketone									
1	100	11.191	11.188	0.003	3014383	0.001287			
2	100	12.469	12.467	0.002	13654073	0.002183			
						RPD = 51.62			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

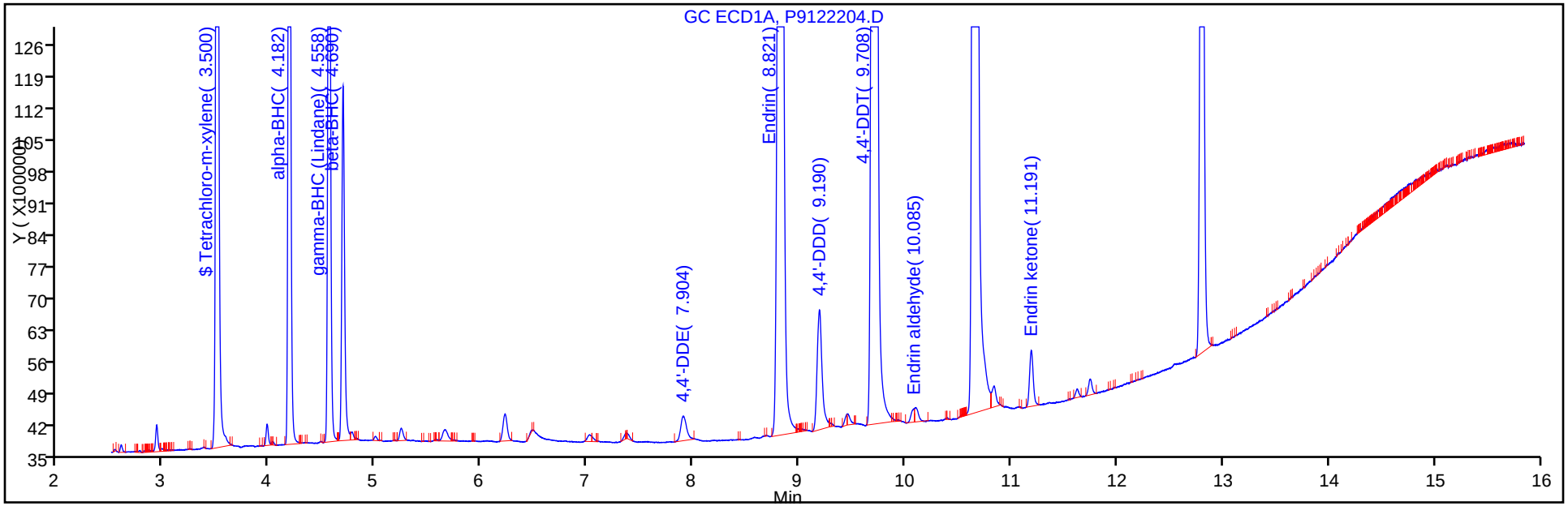
Report Date: 31-Dec-2012 10:57:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

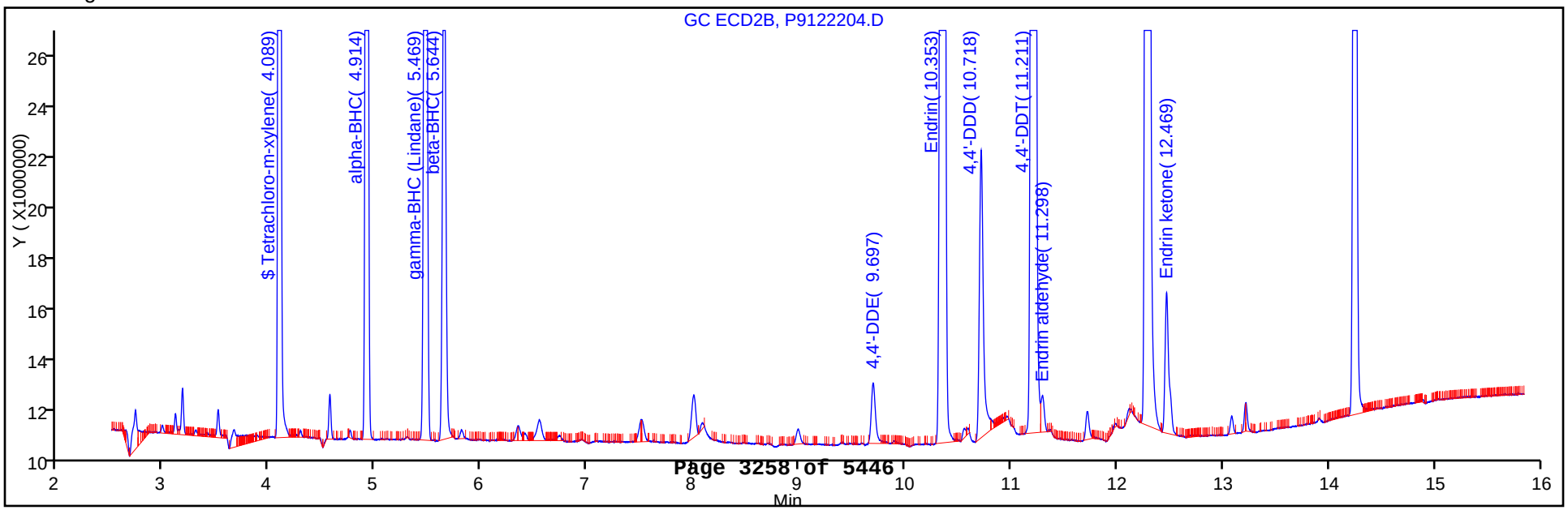
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Injection Date:	22-Dec-2012 12:44:13	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

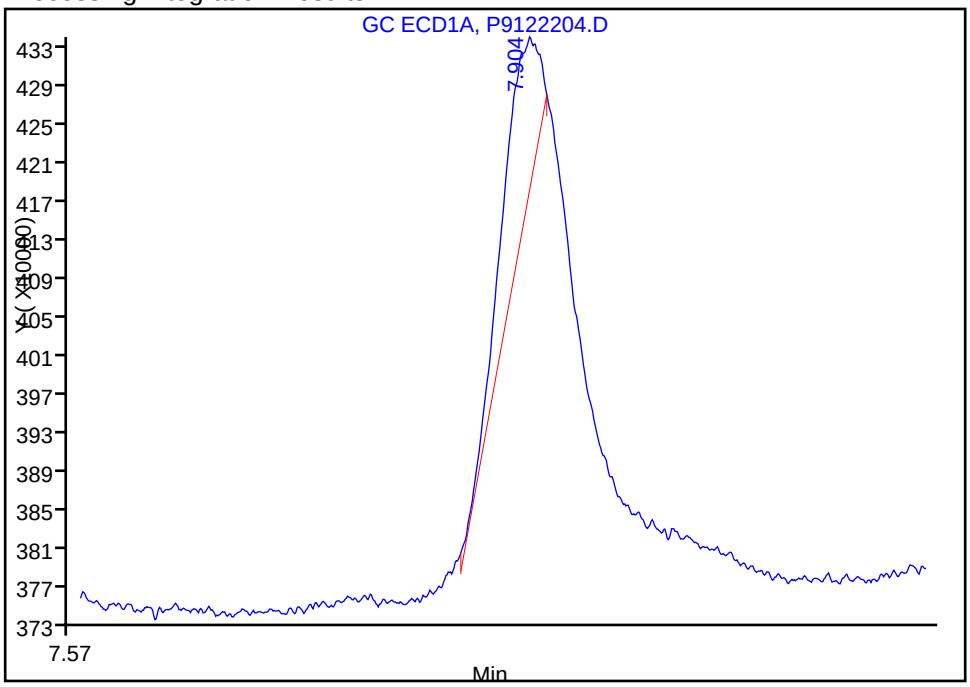
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122204.D		
Injection Date:	22-Dec-2012 12:44:13	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

2 4,4'-DDE, Signal: 1, Type: quant, RT: 7.90, Det: GC ECD1A

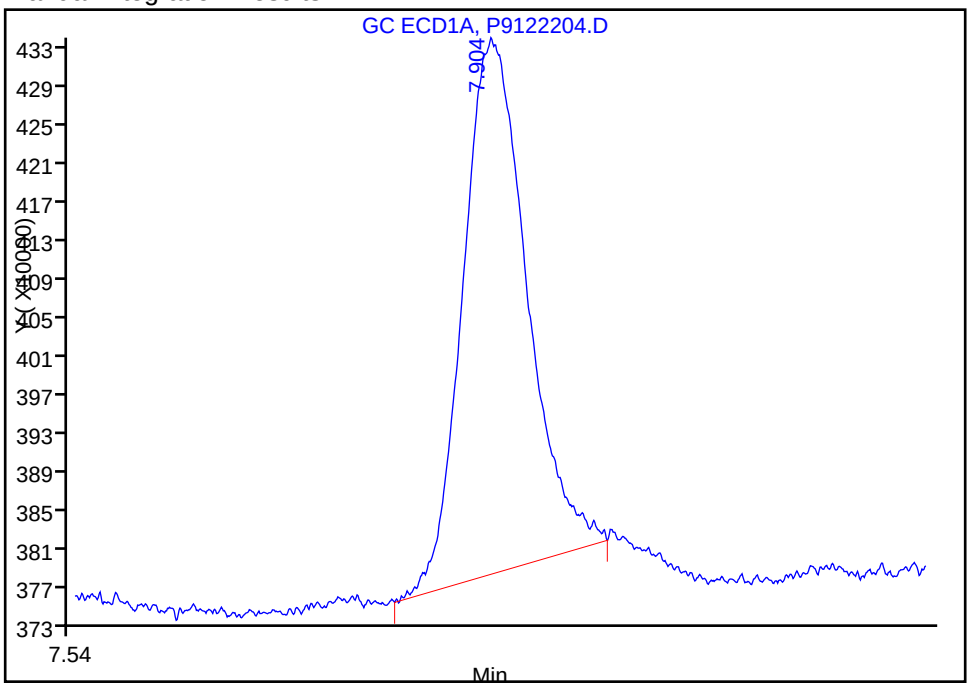
Processing Integration Results

RT: 7.90
Response: 339536
Amount: 0.000103



Manual Integration Results

RT: 7.90
Response: 2108955
Amount: 0.000638



Reviewer: vandorenc, 31-Dec-2012 10:40:59
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

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

SDG No.:

Lab Sample ID: PEM 240-69893/4 Calibration Date: 12/22/2012 12:44

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9122204.D Conc. Units: ng/uL

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	10.35	324989832	4.85	15	
Endrin aldehyde	11.30	2901888			
Endrin ketone	12.47	13654073			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	11.21	464866445	6.90	15	
4,4'-DDD	10.72	28218431			
4,4'-DDE	9.70	6248933			

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122204.D
Lims ID: PEM Client ID:
Inject. Date: 22-Dec-2012 12:44:13 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 240-0016122-004
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 69893 Lims Sample ID: 4
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:39 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 10:40:59

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.500	3.499	0.001	55904140	0.0206			
2	100	4.089	4.089	0.000	171697334	0.0196			
						RPD = 4.96			
5 alpha-BHC									
1	100	4.182	4.182	0.000	38063150	0.0100			
2	100	4.914	4.913	0.001	118328307	0.008980			
						RPD = 10.66			
20 gamma-BHC (Lindane)									
1	100	4.558	4.557	0.001	31087971	0.0100			
2	100	5.469	5.467	0.002	97396125	0.009337			
						RPD = 6.64			
7 beta-BHC									
1	100	4.690	4.689	0.001	14451563	0.0107			
2	100	5.644	5.643	0.001	45435875	0.0104			
						RPD = 2.24			
2 4,4'-DDE									M
1	100	7.904	7.899	0.005	2108955	0.000638			M
2	100	9.697	9.694	0.003	6248933	0.000723			
						RPD = 12.50			
17 Endrin									
1	100	8.821	8.818	0.003	114882575	0.0470			
2	100	10.353	10.351	0.002	324989832	0.0461			
						RPD = 1.88			
1 4,4'-DDD									
1	100	9.190	9.185	0.005	8719804	0.004613			
2	100	10.718	10.724	-0.006	28218431	0.002278			
						RPD = 67.77			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 4,4'-DDT									
1	100	9.708	9.706	0.002	178906324	0.0953			
2	100	11.211	11.209	0.002	464866445	0.0996			
						RPD = 4.44			
18 Endrin aldehyde									
1	100	10.085	10.065	0.020	619877	0.000337			7M
2	100	11.298	11.297	0.001	2901888	0.000553			7
						RPD = 48.43			
LOD = 0.000500									
27 Methoxychlor									
1	100		10.659						
2	100		12.288						
19 Endrin ketone									
1	100	11.191	11.188	0.003	3014383	0.001287			
2	100	12.469	12.467	0.002	13654073	0.002183			
						RPD = 51.62			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Review Flags
M - Manually Integrated

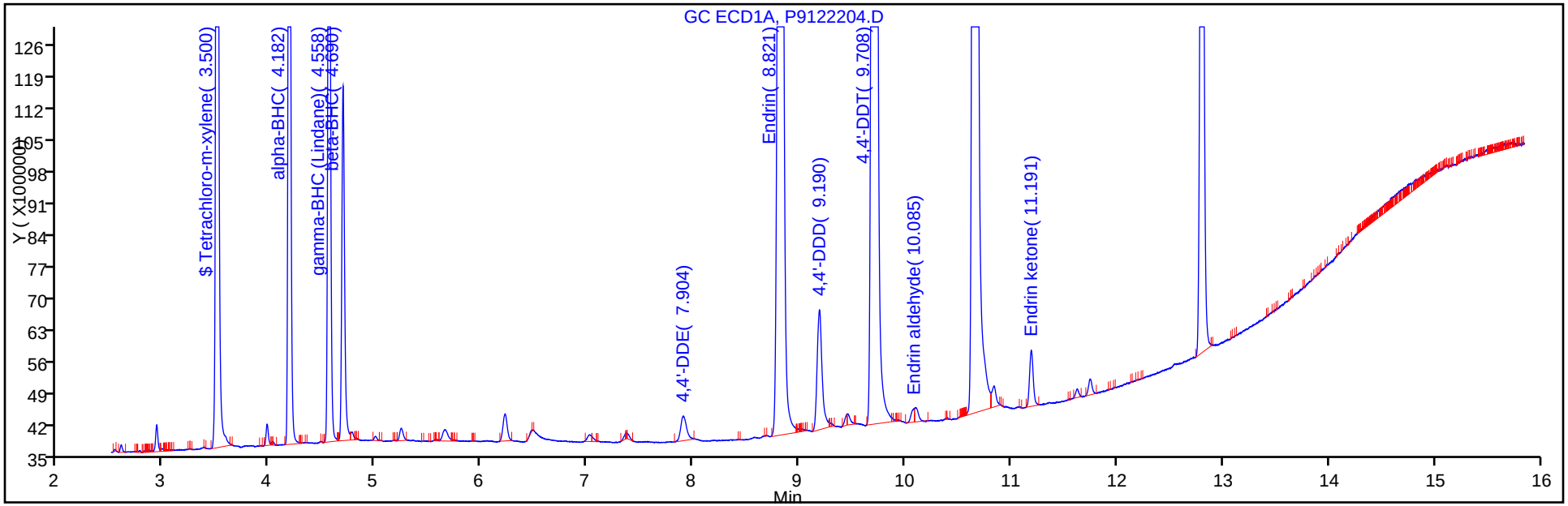
Report Date: 31-Dec-2012 10:57:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

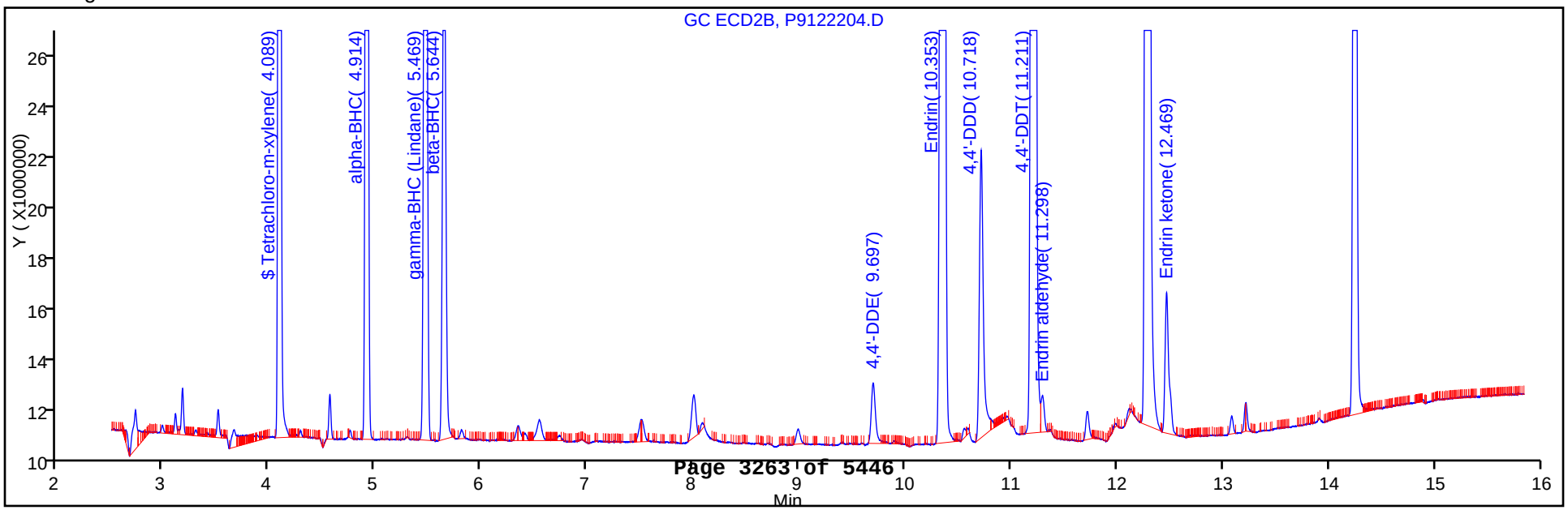
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122204.D

Injection Date:	22-Dec-2012 12:44:13	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	4
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 240-69512/11 Calibration Date: 12/20/2012 10:29

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1391231238	1419846200		0.0255	0.0250	2.1	20.0
gamma-BHC (Lindane)	Ave	1192668280	1225006200		0.0257	0.0250	2.7	20.0
beta-BHC	Ave	552762187	542364400		0.0245	0.0250	-1.9	20.0
Heptachlor	Ave	1121336867	1129407440		0.0252	0.0250	0.7	20.0
delta-BHC	Ave	1205279716	1180283480		0.0245	0.0250	-2.1	20.0
Aldrin	Ave	1236592433	1215174400		0.0246	0.0250	-1.7	20.0
Heptachlor epoxide	Ave	1071570574	1066553840		0.0249	0.0250	-0.5	20.0
gamma-Chlordane	Ave	1156266487	1100787520		0.0238	0.0250	-4.8	20.0
alpha-Chlordane	Ave	1150986523	1068622240		0.0232	0.0250	-7.2	20.0
Endosulfan I	Ave	1067117120	1028878560		0.0241	0.0250	-3.6	20.0
4,4'-DDE	Ave	1195921083	1152602040		0.0241	0.0250	-3.6	20.0
Dieldrin	Ave	1145208694	1153126760		0.0252	0.0250	0.7	20.0
Endrin	Ave	1011781070	963429400		0.0238	0.0250	-4.8	20.0
4,4'-DDD	Ave	887952508	842683440		0.0237	0.0250	-5.1	20.0
Endosulfan II	Ave	977114747	981402320		0.0251	0.0250	0.4	20.0
4,4'-DDT	Ave	755841529	689608560		0.0228	0.0250	-8.8	20.0
Endrin aldehyde	Ave	819200663	801465760		0.0245	0.0250	-2.2	20.0
Endosulfan sulfate	Ave	880253097	882764600		0.0251	0.0250	0.3	20.0
Methoxychlor	Ave	390591338	327834360		0.0210	0.0250	-16.1	20.0
Endrin ketone	Ave	1026723684	998689760		0.0243	0.0250	-2.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 240-69512/11 Calibration Date: 12/20/2012 10:29

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122011.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.27	4.24	4.30
gamma-BHC (Lindane)	4.61	4.58	4.64
beta-BHC	4.84	4.81	4.87
Heptachlor	4.91	4.88	4.94
delta-BHC	5.06	5.03	5.09
Aldrin	5.16	5.13	5.19
Heptachlor epoxide	5.69	5.66	5.72
gamma-Chlordane	5.95	5.92	5.98
alpha-Chlordane	6.07	6.04	6.10
Endosulfan I	6.12	6.08	6.14
4,4'-DDE	6.34	6.31	6.37
Dieldrin	6.45	6.42	6.48
Endrin	6.80	6.76	6.82
4,4'-DDD	6.99	6.95	7.01
Endosulfan II	7.09	7.06	7.12
4,4'-DDT	7.27	7.24	7.30
Endrin aldehyde	7.34	7.31	7.37
Endosulfan sulfate	7.55	7.52	7.58
Methoxychlor	7.99	7.96	8.02
Endrin ketone	8.13	8.10	8.16

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122011.D
Lims ID: ICV Client ID:
Inject. Date: 20-Dec-2012 10:29:39 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016042-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 69512 Lims Sample ID: 11
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:58 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:36:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 alpha-BHC									
1	100	4.265	4.265	0.000	35496155	0.0255			
2	100	4.771	4.771	0.000	18411363	0.0243			
						RPD = 5.06			
20 gamma-BHC (Lindane)									
1	100	4.610	4.608	0.002	30625155	0.0257			
2	100	5.058	5.057	0.001	15095294	0.0242			
						RPD = 6.13			
7 beta-BHC									
1	100	4.840	4.839	0.001	13559110	0.0245			
2	100	5.325	5.324	0.001	7024379	0.0239			
						RPD = 2.68			
22 Heptachlor									
1	100	4.906	4.906	0.000	28235186	0.0252			
2	100	5.637	5.636	0.001	12789421	0.0241			
						RPD = 4.40			
11 delta-BHC									
1	100	5.060	5.059	0.001	29507087	0.0245			
2	100	5.578	5.576	0.002	14656756	0.0238			
						RPD = 2.77			
4 Aldrin									
1	100	5.155	5.156	-0.001	30379360	0.0246			
2	100	6.007	6.006	0.001	17027346	0.0245			
						RPD = 0.12			
23 Heptachlor epoxide									
1	100	5.686	5.686	0.000	26663846	0.0249			
2	100	6.535	6.534	0.001	13611316	0.0241			
						RPD = 3.07			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	5.949	5.948	0.001	27519688	0.0238			
2	100	6.897	6.896	0.001	14129436	0.0239			
						RPD = 0.26			
6 alpha-Chlordane									
1	100	6.067	6.066	0.001	26715556	0.0232			
2	100	6.949	6.949	0.000	14740689	0.0232			
						RPD = 0.15			
14 Endosulfan I									
1	100	6.115	6.114	0.001	25721964	0.0241			
2	100	6.981	6.981	0.000	13121746	0.0242			
						RPD = 0.24			
2 4,4'-DDE									
1	100	6.343	6.341	0.002	28815051	0.0241			
2	100	7.140	7.139	0.001	16272348	0.0220			
						RPD = 9.07			
13 Dieldrin									
1	100	6.450	6.448	0.002	28828169	0.0252			
2	100	7.260	7.260	0.000	13743777	0.0237			
						RPD = 6.15			
17 Endrin									
1	100	6.795	6.793	0.002	24085735	0.0238			
2	100	7.496	7.497	-0.001	11813252	0.0227			
						RPD = 4.57			
1 4,4'-DDD									
1	100	6.985	6.984	0.001	21067086	0.0237			
2	100	7.680	7.678	0.002	9730985	0.0227			
						RPD = 4.35			
15 Endosulfan II									
1	100	7.093	7.091	0.002	24535058	0.0251			
2	100	7.778	7.776	0.002	11495842	0.0235			
						RPD = 6.59			
3 4,4'-DDT									
1	100	7.272	7.272	0.000	17240214	0.0228			
2	100	7.984	7.984	0.000	7301162	0.0214			
						RPD = 6.45			
18 Endrin aldehyde									
1	100	7.341	7.339	0.002	20036644	0.0245			
2	100	7.889	7.888	0.001	8945288	0.0224			
						RPD = 8.69			
16 Endosulfan sulfate									
1	100	7.551	7.550	0.001	22069115	0.0251			
2	100	8.174	8.172	0.002	10063306	0.0236			
						RPD = 6.08			
27 Methoxychlor									
1	100	7.986	7.986	0.000	8195859	0.0210			
2	100	8.425	8.424	0.001	3642895	0.0212			
						RPD = 0.95			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100	8.134	8.134	0.000	24967244	0.0243			
2	100	8.568	8.569	-0.001	10679495	0.0228			
						RPD = 6.37			

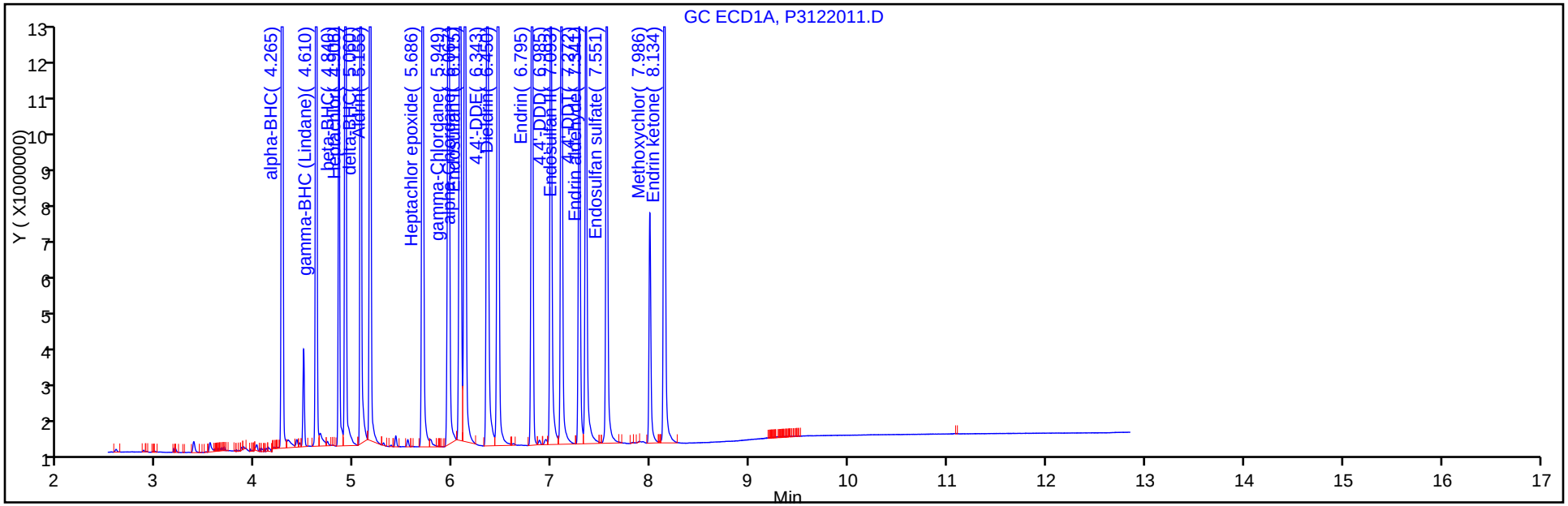
Report Date: 21-Dec-2012 07:17:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

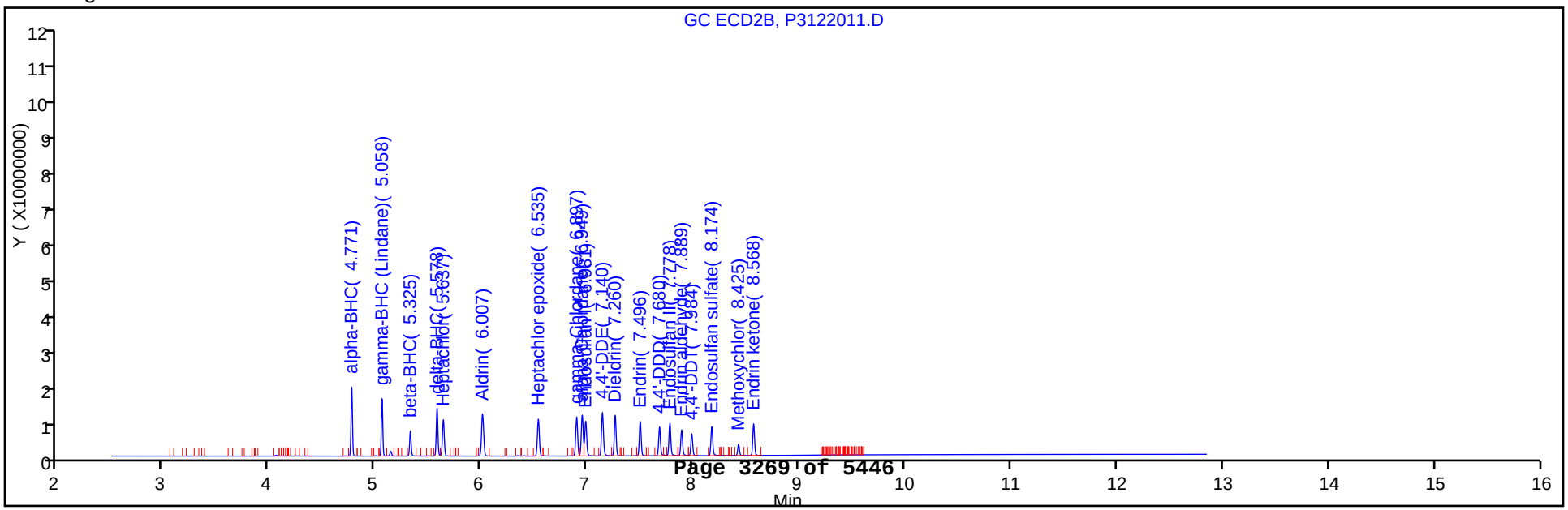
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122011.D

Injection Date:	20-Dec-2012 10:29:39	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 240-69512/11 Calibration Date: 12/20/2012 10:29

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	759046093	736454520		0.0243	0.0250	-3.0	20.0
gamma-BHC (Lindane)	Ave	625024680	603811760		0.0242	0.0250	-3.4	20.0
beta-BHC	Ave	294144692	280975160		0.0239	0.0250	-4.5	20.0
delta-BHC	Ave	615526024	586270240		0.0238	0.0250	-4.8	20.0
Heptachlor	Ave	530794808	511576840		0.0241	0.0250	-3.6	20.0
Aldrin	Ave	693936340	681093840		0.0245	0.0250	-1.9	20.0
Heptachlor epoxide	Ave	564064789	544452640		0.0241	0.0250	-3.5	20.0
gamma-Chlordane	Ave	592120168	565177440		0.0239	0.0250	-4.6	20.0
alpha-Chlordane	Ave	634117884	589627560		0.0232	0.0250	-7.0	20.0
Endosulfan I	Ave	543057543	524869840		0.0242	0.0250	-3.3	20.0
4,4'-DDE	Ave	739518728	650893920		0.0220	0.0250	-12.0	20.0
Dieldrin	Ave	580604231	549751080		0.0237	0.0250	-5.3	20.0
Endrin	Ave	519478573	472530080		0.0227	0.0250	-9.0	20.0
4,4'-DDD	Ave	428407715	389239400		0.0227	0.0250	-9.1	20.0
Endosulfan II	Ave	489042273	459833680		0.0235	0.0250	-6.0	20.0
Endrin aldehyde	Ave	398953282	357811520		0.0224	0.0250	-10.3	20.0
4,4'-DDT	Ave	341420086	292046480		0.0214	0.0250	-14.5	20.0
Endosulfan sulfate	Ave	426573124	402532240		0.0236	0.0250	-5.6	20.0
Methoxychlor	Ave	171969674	145715800		0.0212	0.0250	-15.3	20.0
Endrin ketone	Ave	468053560	427179800		0.0228	0.0250	-8.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 240-69512/11 Calibration Date: 12/20/2012 10:29

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122011.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.77	4.74	4.80
gamma-BHC (Lindane)	5.06	5.03	5.09
beta-BHC	5.33	5.29	5.35
delta-BHC	5.58	5.55	5.61
Heptachlor	5.64	5.61	5.67
Aldrin	6.01	5.98	6.04
Heptachlor epoxide	6.54	6.50	6.56
gamma-Chlordane	6.90	6.87	6.93
alpha-Chlordane	6.95	6.92	6.98
Endosulfan I	6.98	6.95	7.01
4,4'-DDE	7.14	7.11	7.17
Dieldrin	7.26	7.23	7.29
Endrin	7.50	7.47	7.53
4,4'-DDD	7.68	7.65	7.71
Endosulfan II	7.78	7.75	7.81
Endrin aldehyde	7.89	7.86	7.92
4,4'-DDT	7.98	7.95	8.01
Endosulfan sulfate	8.17	8.14	8.20
Methoxychlor	8.43	8.39	8.45
Endrin ketone	8.57	8.54	8.60

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122011.D
Lims ID: ICV Client ID:
Inject. Date: 20-Dec-2012 10:29:39 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016042-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 69512 Lims Sample ID: 11
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:16:58 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:36:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 alpha-BHC									
1	100	4.265	4.265	0.000	35496155	0.0255			
2	100	4.771	4.771	0.000	18411363	0.0243			
						RPD = 5.06			
20 gamma-BHC (Lindane)									
1	100	4.610	4.608	0.002	30625155	0.0257			
2	100	5.058	5.057	0.001	15095294	0.0242			
						RPD = 6.13			
7 beta-BHC									
1	100	4.840	4.839	0.001	13559110	0.0245			
2	100	5.325	5.324	0.001	7024379	0.0239			
						RPD = 2.68			
22 Heptachlor									
1	100	4.906	4.906	0.000	28235186	0.0252			
2	100	5.637	5.636	0.001	12789421	0.0241			
						RPD = 4.40			
11 delta-BHC									
1	100	5.060	5.059	0.001	29507087	0.0245			
2	100	5.578	5.576	0.002	14656756	0.0238			
						RPD = 2.77			
4 Aldrin									
1	100	5.155	5.156	-0.001	30379360	0.0246			
2	100	6.007	6.006	0.001	17027346	0.0245			
						RPD = 0.12			
23 Heptachlor epoxide									
1	100	5.686	5.686	0.000	26663846	0.0249			
2	100	6.535	6.534	0.001	13611316	0.0241			
						RPD = 3.07			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	5.949	5.948	0.001	27519688	0.0238			
2	100	6.897	6.896	0.001	14129436	0.0239			
						RPD = 0.26			
6 alpha-Chlordane									
1	100	6.067	6.066	0.001	26715556	0.0232			
2	100	6.949	6.949	0.000	14740689	0.0232			
						RPD = 0.15			
14 Endosulfan I									
1	100	6.115	6.114	0.001	25721964	0.0241			
2	100	6.981	6.981	0.000	13121746	0.0242			
						RPD = 0.24			
2 4,4'-DDE									
1	100	6.343	6.341	0.002	28815051	0.0241			
2	100	7.140	7.139	0.001	16272348	0.0220			
						RPD = 9.07			
13 Dieldrin									
1	100	6.450	6.448	0.002	28828169	0.0252			
2	100	7.260	7.260	0.000	13743777	0.0237			
						RPD = 6.15			
17 Endrin									
1	100	6.795	6.793	0.002	24085735	0.0238			
2	100	7.496	7.497	-0.001	11813252	0.0227			
						RPD = 4.57			
1 4,4'-DDD									
1	100	6.985	6.984	0.001	21067086	0.0237			
2	100	7.680	7.678	0.002	9730985	0.0227			
						RPD = 4.35			
15 Endosulfan II									
1	100	7.093	7.091	0.002	24535058	0.0251			
2	100	7.778	7.776	0.002	11495842	0.0235			
						RPD = 6.59			
3 4,4'-DDT									
1	100	7.272	7.272	0.000	17240214	0.0228			
2	100	7.984	7.984	0.000	7301162	0.0214			
						RPD = 6.45			
18 Endrin aldehyde									
1	100	7.341	7.339	0.002	20036644	0.0245			
2	100	7.889	7.888	0.001	8945288	0.0224			
						RPD = 8.69			
16 Endosulfan sulfate									
1	100	7.551	7.550	0.001	22069115	0.0251			
2	100	8.174	8.172	0.002	10063306	0.0236			
						RPD = 6.08			
27 Methoxychlor									
1	100	7.986	7.986	0.000	8195859	0.0210			
2	100	8.425	8.424	0.001	3642895	0.0212			
						RPD = 0.95			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100	8.134	8.134	0.000	24967244	0.0243			
2	100	8.568	8.569	-0.001	10679495	0.0228			
						RPD = 6.37			

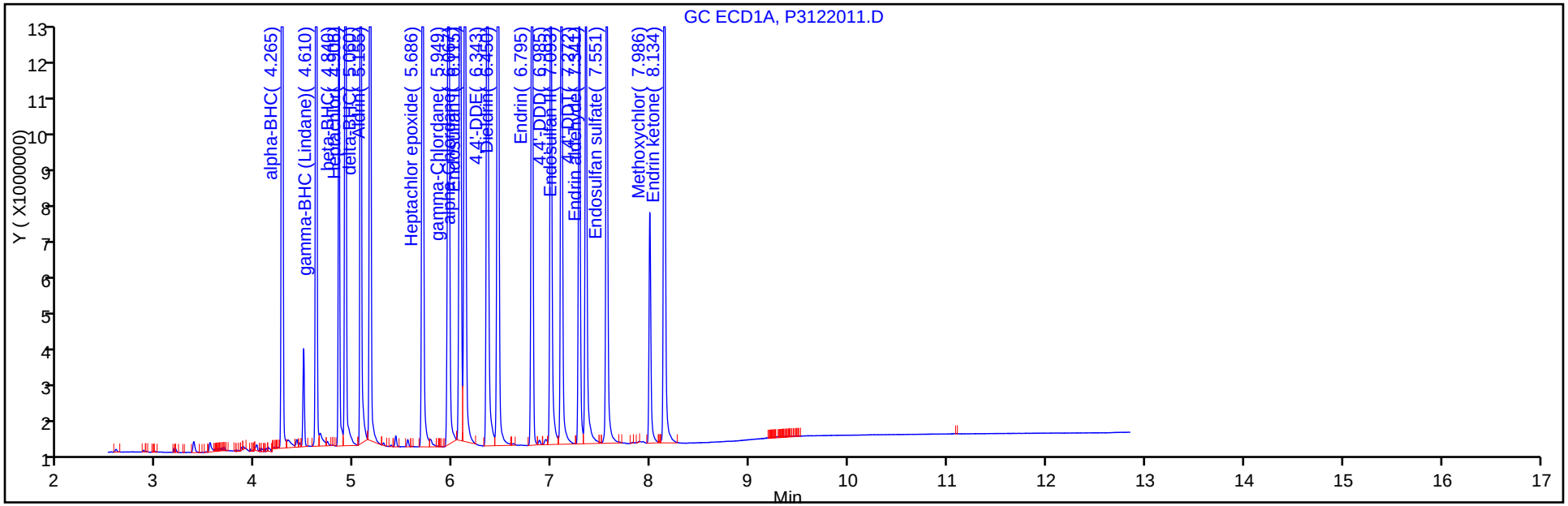
Report Date: 21-Dec-2012 07:17:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

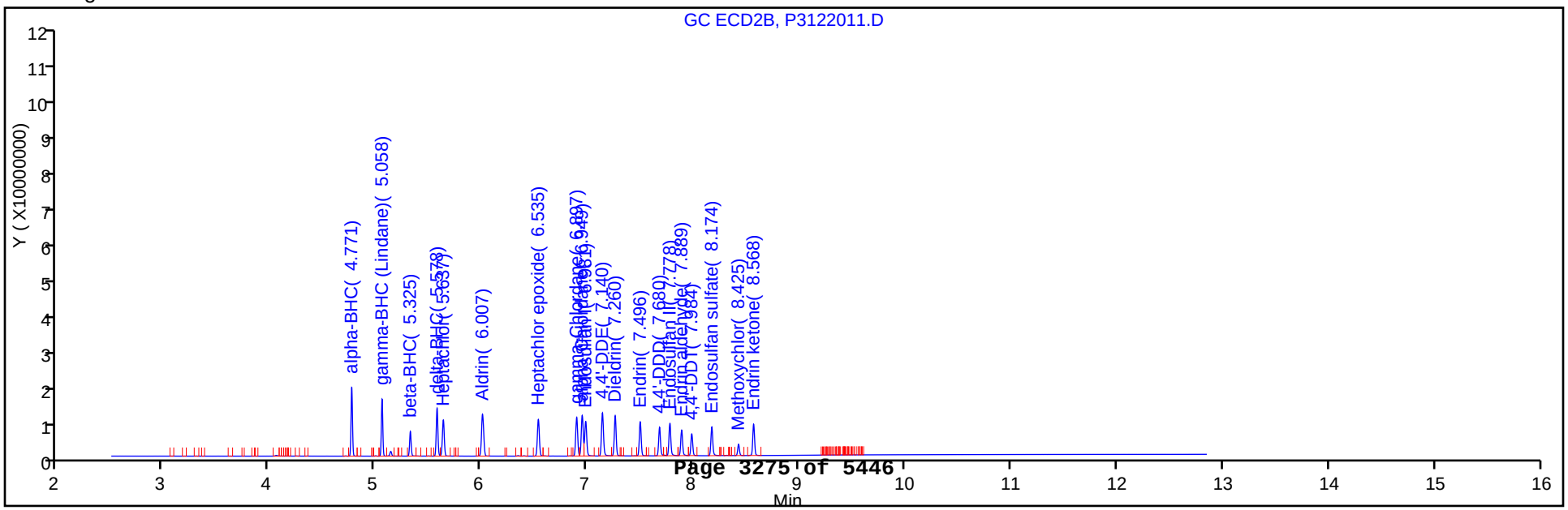
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122011.D

Injection Date:	20-Dec-2012 10:29:39	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 240-69512/17 Calibration Date: 12/20/2012 12:35

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/20/2012 12:14

Lab File ID: P3122017.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	16625857	12260322		0.737	1.00	-26.3*	20.0
Toxaphene Peak 2	Ave	39136664	23354211		0.597	1.00	-40.3*	20.0
Toxaphene Peak 3	Ave	18149568	15572513		0.858	1.00	-14.2	20.0
Toxaphene Peak 4	Ave	21958529	18632196		0.849	1.00	-15.1	20.0
Toxaphene Peak 5	Ave	25963355	32982721		1.27	1.00	27.0*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 240-69512/17 Calibration Date: 12/20/2012 12:35

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/20/2012 12:14

Lab File ID: P3122017.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	7.35	7.33	7.39
Toxaphene Peak 2	7.42	7.39	7.45
Toxaphene Peak 3	7.82	7.79	7.85
Toxaphene Peak 4	7.94	7.91	7.97
Toxaphene Peak 5	8.28	8.25	8.31

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122017.D
Lims ID: ICV TOX Client ID:
Inject. Date: 20-Dec-2012 12:35:56 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016042-017
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 69512 Lims Sample ID: 17
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:17:09 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:46:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	7.352	7.355	-0.003	12260322	0.7374		100.0	
1	2	7.423	7.424	-0.001	23354211	0.5967	213.1- 253.1	190.5	
1	3	7.821	7.821	0.000	15572513	0.8580	86.0- 126.0	127.0	
1	4	7.940	7.942	-0.002	18632196	0.8485	113.3- 153.3	152.0	
1	5	8.277	8.278	-0.001	32982721	1.27	134.3- 174.3	269.0	
			Average of Peak Amounts =			0.8622			
2	100	7.487	7.496	-0.009	8929941	0.7623		100.0	M
2	2	7.815	7.818	-0.003	9313472	0.8214	72.7- 112.7	104.3	M
2	3	8.092	8.093	-0.001	14444312	0.7378	147.8- 187.8	161.8	M
2	4	8.490	8.487	0.003	7804054	0.6644	78.7- 118.7	87.4	M
2	5	8.969	8.970	-0.001	10977866	1.42	47.3- 87.3	122.9	M
			Average of Peak Amounts =			0.8811			
						RPD = 2.17			

QC Flag Legend

Review Flags
M - Manually Integrated

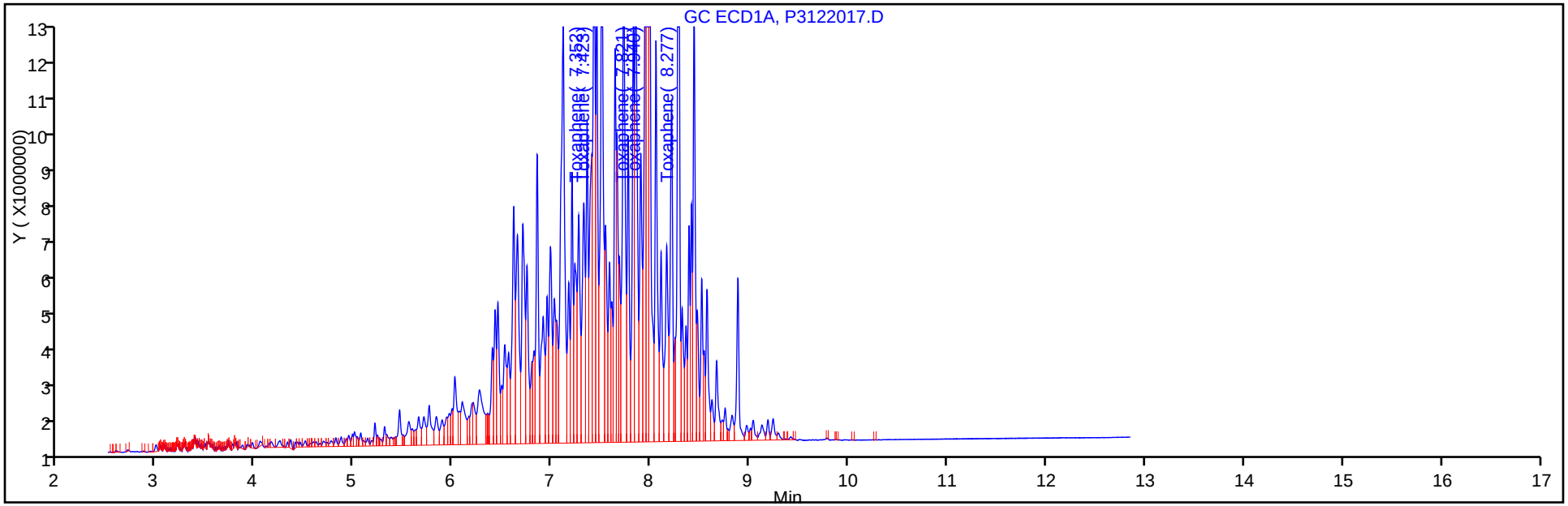
Report Date: 21-Dec-2012 07:17:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

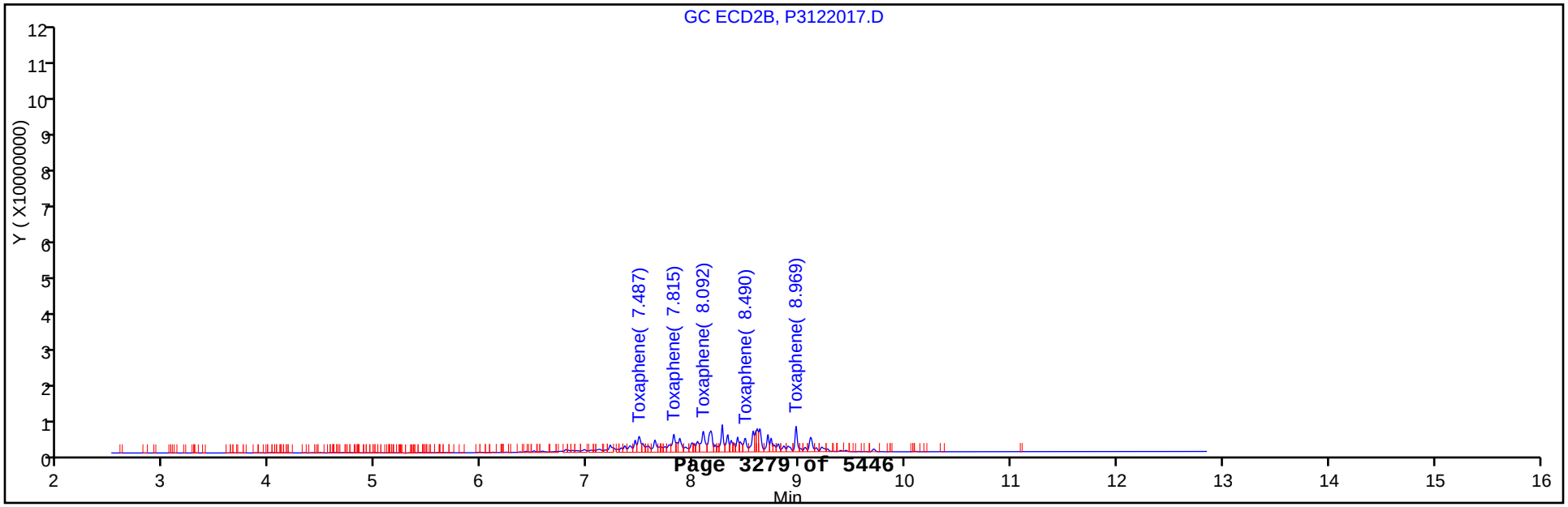
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122017.D

Injection Date:	20-Dec-2012 12:35:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 240-69512/17 Calibration Date: 12/20/2012 12:35

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/20/2012 12:14

Lab File ID: P3122017.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	11714176	8929941		0.762	1.00	-23.8*	20.0
Toxaphene Peak 2	Ave	11339097	9313472		0.821	1.00	-17.9	20.0
Toxaphene Peak 3	Ave	19578227	14444312		0.738	1.00	-26.2*	20.0
Toxaphene Peak 4	Ave	11746024	7804054		0.664	1.00	-33.6*	20.0
Toxaphene Peak 5	Ave	7732661	10977866		1.42	1.00	42.0*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 240-69512/17 Calibration Date: 12/20/2012 12:35

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/20/2012 12:14

Lab File ID: P3122017.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	7.49	7.47	7.53
Toxaphene Peak 2	7.82	7.79	7.85
Toxaphene Peak 3	8.09	8.06	8.12
Toxaphene Peak 4	8.49	8.46	8.52
Toxaphene Peak 5	8.97	8.94	9.00

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122017.D
Lims ID: ICV TOX Client ID:
Inject. Date: 20-Dec-2012 12:35:56 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016042-017
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 69512 Lims Sample ID: 17
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:17:09 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 06:46:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	7.352	7.355	-0.003	12260322	0.7374		100.0	
1	2	7.423	7.424	-0.001	23354211	0.5967	213.1- 253.1	190.5	
1	3	7.821	7.821	0.000	15572513	0.8580	86.0- 126.0	127.0	
1	4	7.940	7.942	-0.002	18632196	0.8485	113.3- 153.3	152.0	
1	5	8.277	8.278	-0.001	32982721	1.27	134.3- 174.3	269.0	
			Average of Peak Amounts =			0.8622			
2	100	7.487	7.496	-0.009	8929941	0.7623		100.0	M
2	2	7.815	7.818	-0.003	9313472	0.8214	72.7- 112.7	104.3	M
2	3	8.092	8.093	-0.001	14444312	0.7378	147.8- 187.8	161.8	M
2	4	8.490	8.487	0.003	7804054	0.6644	78.7- 118.7	87.4	M
2	5	8.969	8.970	-0.001	10977866	1.42	47.3- 87.3	122.9	M
			Average of Peak Amounts =			0.8811			
						RPD = 2.17			

QC Flag Legend

Review Flags
M - Manually Integrated

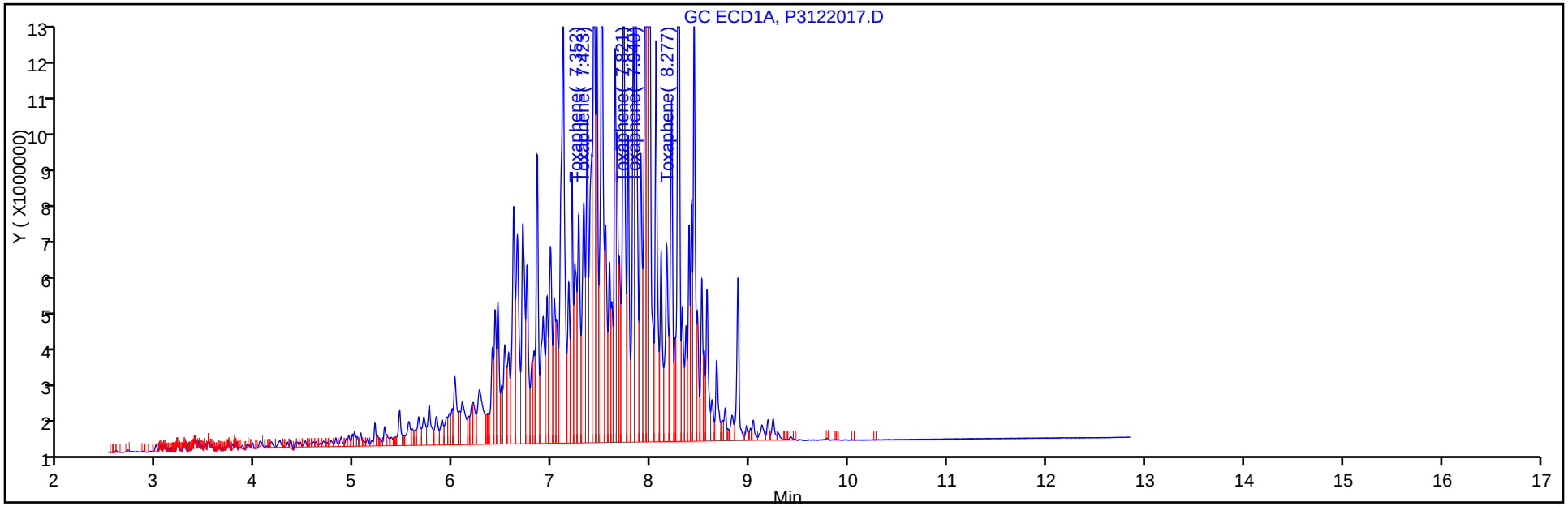
Report Date: 21-Dec-2012 07:17:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

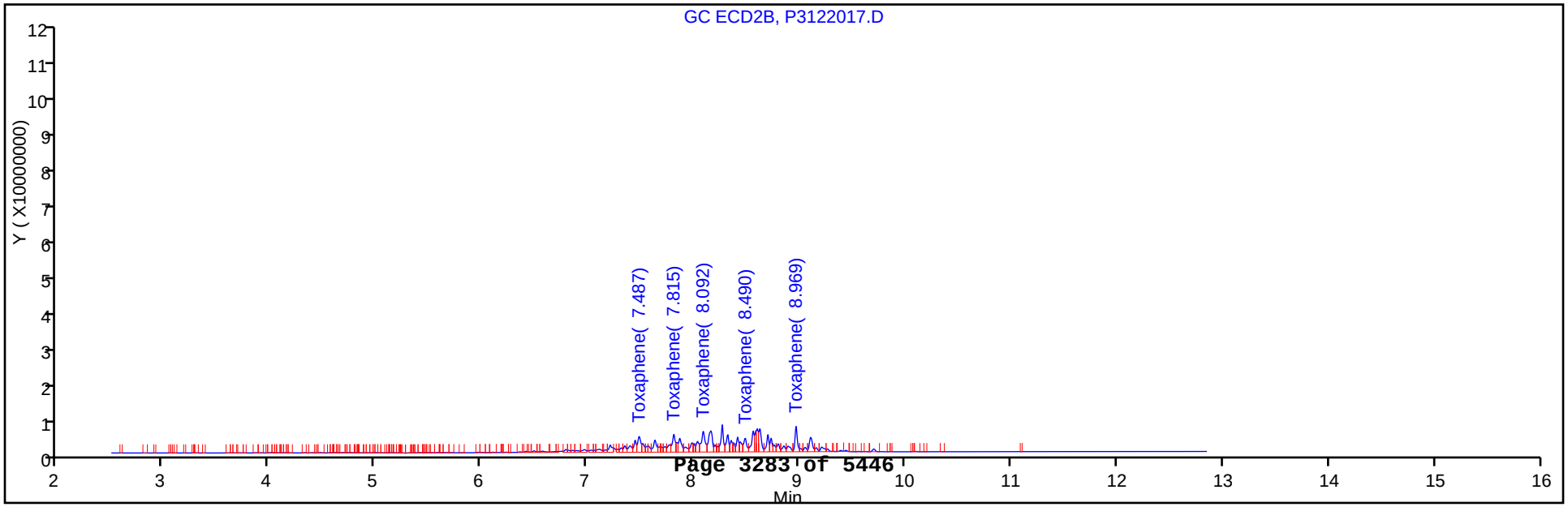
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122017.D

Injection Date:	20-Dec-2012 12:35:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



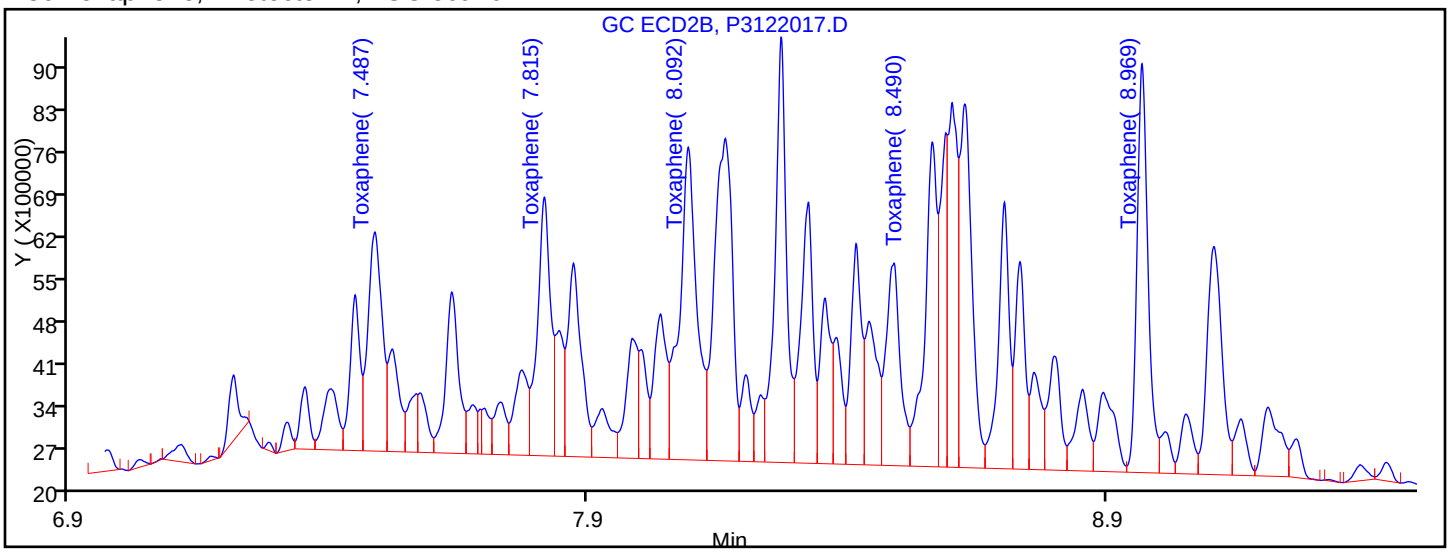
Report Date: 21-Dec-2012 07:17:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122017.D

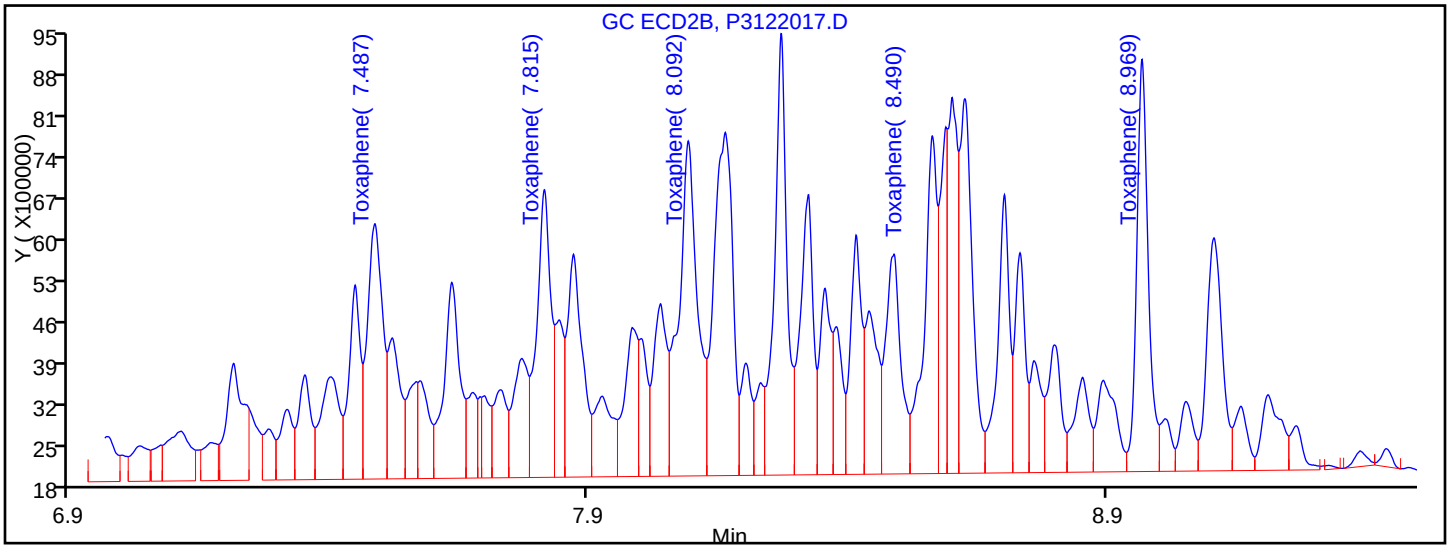
Injection Date:	20-Dec-2012 12:35:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 7.487	Response = 6952070	M
RT = 7.815	Response = 7571801	M
RT = 8.092	Response = 12234386	M
RT = 8.490	Response = 6561981	M
RT = 8.969	Response = 10142907	M



Manual Integration Results

RT = 7.487	Response = 8929941	M
RT = 7.815	Response = 9313472	M
RT = 8.092	Response = 14444312	M
RT = 8.490	Response = 7804054	M
RT = 8.969	Response = 10977866	M

Reviewer: vandorenc, 21-Dec-2012 07:15:54

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69512/20 Calibration Date: 12/20/2012 13:40

Instrument ID: A2HP3 Calib Start Date: 12/04/2012 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 15:17

Lab File ID: P3122020.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (technical) Peak 1	Ave	43184492	37209640		0.0862	0.100	-13.8	20.0
Chlordane (technical) Peak 2	Ave	44350422	42209270		0.0952	0.100	-4.8	20.0
Chlordane (technical) Peak 3	Ave	108933338	95924020		0.0881	0.100	-11.9	20.0
Chlordane (technical) Peak 4	Ave	101401825	96084990		0.0948	0.100	-5.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69512/20 Calibration Date: 12/20/2012 13:40

Instrument ID: A2HP3 Calib Start Date: 12/04/2012 13:49

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/04/2012 15:17

Lab File ID: P3122020.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (technical) Peak 1	4.76	4.73	4.79
Chlordane (technical) Peak 2	5.31	5.28	5.34
Chlordane (technical) Peak 3	5.95	5.92	5.98
Chlordane (technical) Peak 4	6.07	6.04	6.10

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122020.D
Lims ID: CCV TC3 Client ID:
Inject. Date: 20-Dec-2012 13:40:10 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016042-020
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 69512 Lims Sample ID: 20
Sublist: chrom-PEST3*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:17:13 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	4.755	4.755	0.000	3720964	0.0862		100.0	
1	2	5.307	5.307	0.000	4220927	0.0952	93.5- 133.5	113.4	
1	3	5.950	5.950	0.000	9592402	0.0881	239.7- 279.7	257.8	
1	4	6.066	6.066	0.000	9608499	0.0948	231.2- 271.2	258.2	
			Average of Peak Amounts =			0.0910			
2	100	5.416	5.416	0.000	2345152	0.1001		100.0	
2	2	6.040	6.040	0.000	1591792	0.0931	57.4- 97.4	67.9	
2	3	6.949	6.949	0.000	4591858	0.0978	185.5- 225.5	195.8	
2	4	7.004	7.004	0.000	2503390	0.1069	82.8- 122.8	106.7	
			Average of Peak Amounts =			0.0995			
						RPD = 8.85			

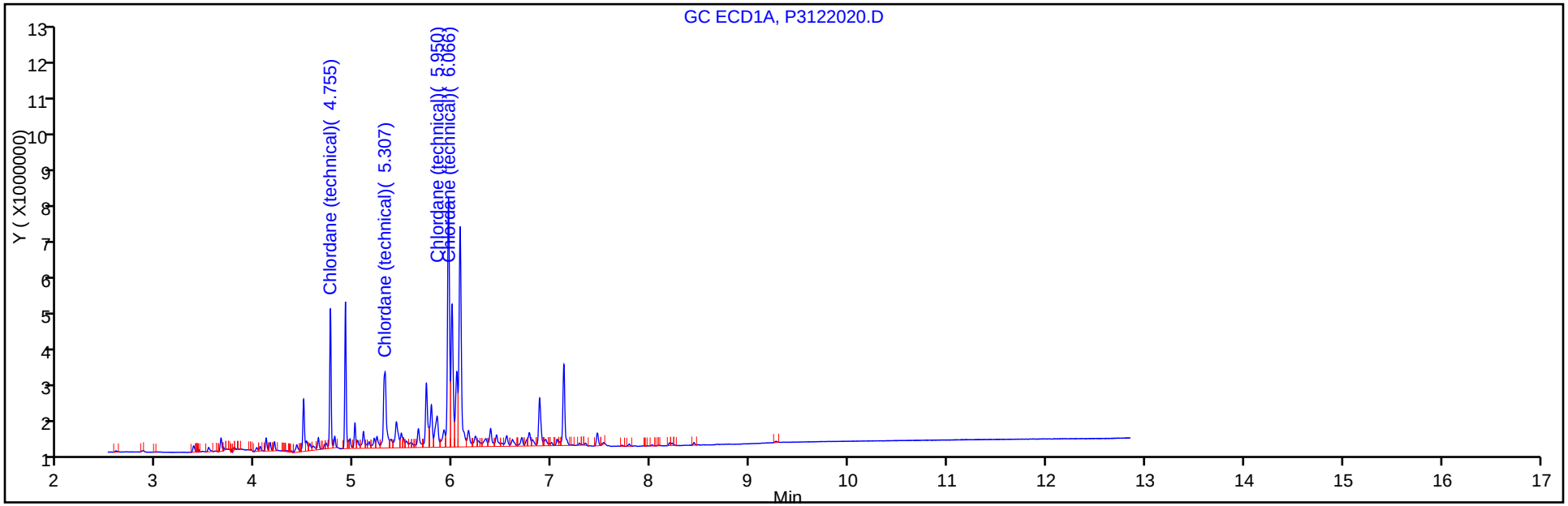
Report Date: 21-Dec-2012 07:17:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

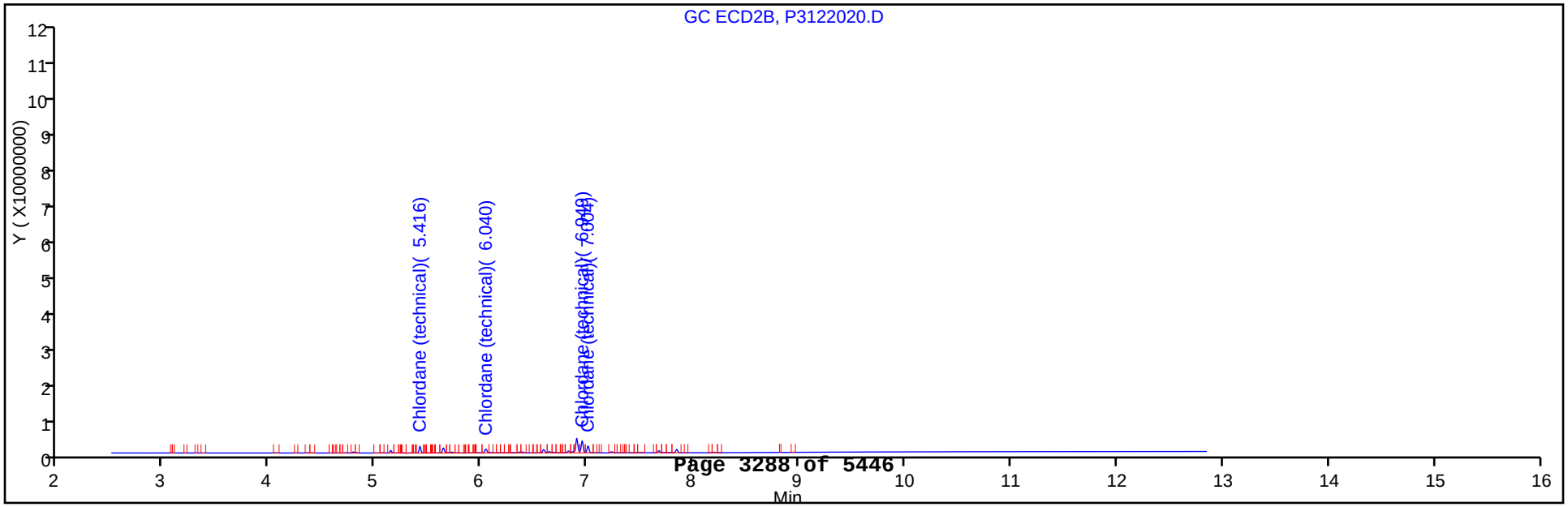
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122020.D

Injection Date:	20-Dec-2012 13:40:10	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69512/20 Calibration Date: 12/20/2012 13:40

Instrument ID: A2HP3 Calib Start Date: 12/04/2012 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 15:17

Lab File ID: P3122020.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (technical) Peak 1	Ave	23434834	23451520		0.100	0.100	0.0	20.0
Chlordane (technical) Peak 2	Ave	17093765	15917920		0.0931	0.100	-6.9	20.0
Chlordane (technical) Peak 3	Ave	46950651	45918580		0.0978	0.100	-2.2	20.0
Chlordane (technical) Peak 4	Ave	23425588	25033900		0.107	0.100	6.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69512/20 Calibration Date: 12/20/2012 13:40

Instrument ID: A2HP3 Calib Start Date: 12/04/2012 13:49

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/04/2012 15:17

Lab File ID: P3122020.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (technical) Peak 1	5.42	5.39	5.45
Chlordane (technical) Peak 2	6.04	6.01	6.07
Chlordane (technical) Peak 3	6.95	6.92	6.98
Chlordane (technical) Peak 4	7.00	6.97	7.03

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122020.D
Lims ID: CCV TC3 Client ID:
Inject. Date: 20-Dec-2012 13:40:10 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016042-020
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 69512 Lims Sample ID: 20
Sublist: chrom-PEST3*sub6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 07:17:13 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	4.755	4.755	0.000	3720964	0.0862		100.0	
1	2	5.307	5.307	0.000	4220927	0.0952	93.5- 133.5	113.4	
1	3	5.950	5.950	0.000	9592402	0.0881	239.7- 279.7	257.8	
1	4	6.066	6.066	0.000	9608499	0.0948	231.2- 271.2	258.2	
			Average of Peak Amounts =			0.0910			
2	100	5.416	5.416	0.000	2345152	0.1001		100.0	
2	2	6.040	6.040	0.000	1591792	0.0931	57.4- 97.4	67.9	
2	3	6.949	6.949	0.000	4591858	0.0978	185.5- 225.5	195.8	
2	4	7.004	7.004	0.000	2503390	0.1069	82.8- 122.8	106.7	
			Average of Peak Amounts =			0.0995			
						RPD = 8.85			

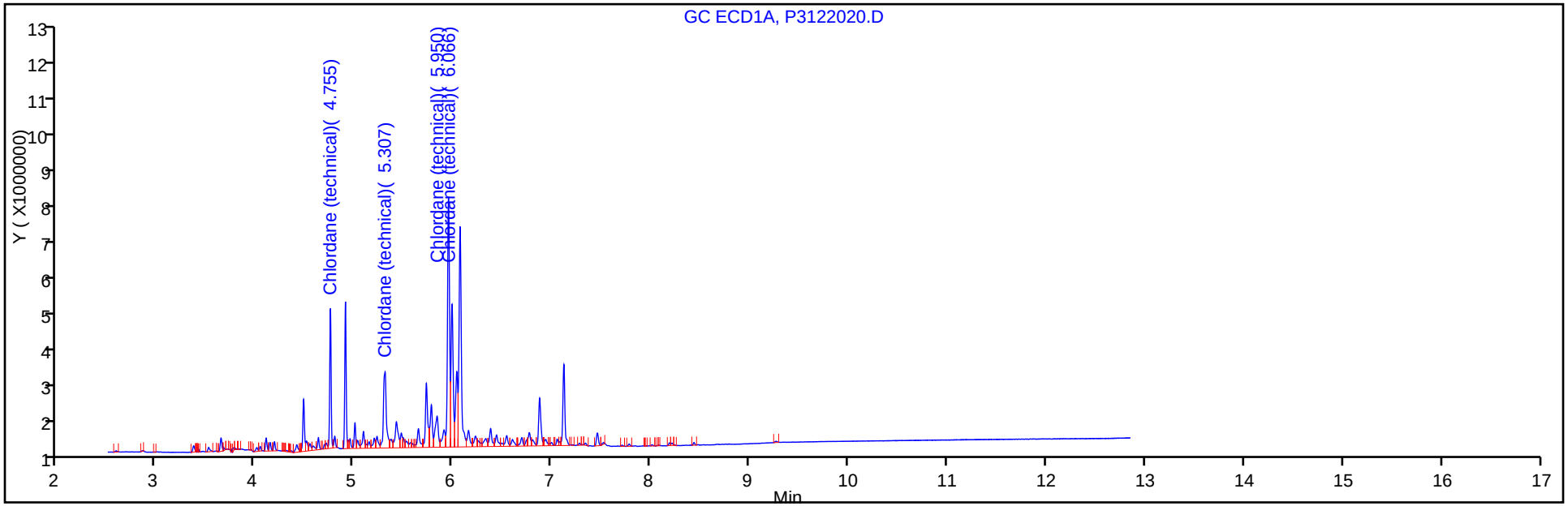
Report Date: 21-Dec-2012 07:17:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

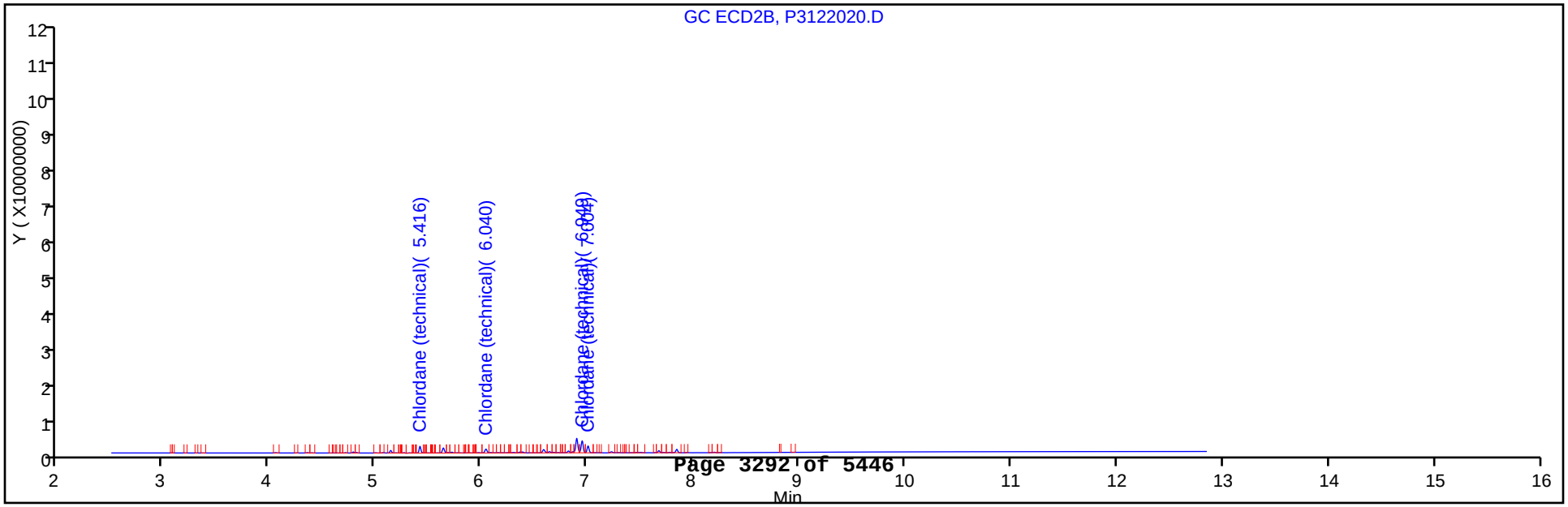
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122020.D

Injection Date:	20-Dec-2012 13:40:10	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69512/36 Calibration Date: 12/20/2012 19:18

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122036.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1391231238	1667529440		0.0300	0.0250	19.9	20.0
gamma-BHC (Lindane)	Ave	1192668280	1335694840		0.0280	0.0250	12.0	20.0
beta-BHC	Ave	552762187	621579680		0.0281	0.0250	12.4	20.0
Heptachlor	Ave	1121336867	1043201840		0.0233	0.0250	-7.0	20.0
delta-BHC	Ave	1205279716	1441754440		0.0299	0.0250	19.6	20.0
Aldrin	Ave	1236592433	1468207760		0.0297	0.0250	18.7	20.0
Heptachlor epoxide	Ave	1071570574	1209376040		0.0282	0.0250	12.9	20.0
gamma-Chlordane	Ave	1156266487	1299526560		0.0281	0.0250	12.4	20.0
alpha-Chlordane	Ave	1150986523	1319250720		0.0287	0.0250	14.6	20.0
Endosulfan I	Ave	1067117120	1160548880		0.0272	0.0250	8.8	20.0
4,4'-DDE	Ave	1195921083	1372567520		0.0287	0.0250	14.8	20.0
Dieldrin	Ave	1145208694	1281850800		0.0280	0.0250	11.9	20.0
Endrin	Ave	1011781070	1027505400		0.0254	0.0250	1.6	20.0
4,4'-DDD	Ave	887952508	947909920		0.0267	0.0250	6.8	20.0
Endosulfan II	Ave	977114747	993879000		0.0254	0.0250	1.7	20.0
4,4'-DDT	Ave	755841529	666000520		0.0220	0.0250	-11.9	20.0
Endrin aldehyde	Ave	819200663	732214560		0.0223	0.0250	-10.6	20.0
Endosulfan sulfate	Ave	880253097	911746840		0.0259	0.0250	3.6	20.0
Methoxychlor	Ave	390591338	345164320		0.0221	0.0250	-11.6	20.0
Endrin ketone	Ave	1026723684	941648800		0.0229	0.0250	-8.3	20.0
Tetrachloro-m-xylene	Ave	1085581707	1236028640		0.0285	0.0250	13.9	20.0
DCB Decachlorobiphenyl	Ave	993046735	963070280		0.0242	0.0250	-3.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69512/36 Calibration Date: 12/20/2012 19:18

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122036.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.27	4.24	4.30
gamma-BHC (Lindane)	4.61	4.58	4.64
beta-BHC	4.84	4.81	4.87
Heptachlor	4.91	4.88	4.94
delta-BHC	5.06	5.03	5.09
Aldrin	5.16	5.13	5.19
Heptachlor epoxide	5.69	5.66	5.72
gamma-Chlordane	5.95	5.92	5.98
alpha-Chlordane	6.07	6.04	6.10
Endosulfan I	6.12	6.09	6.15
4,4'-DDE	6.34	6.31	6.37
Dieldrin	6.45	6.42	6.48
Endrin	6.80	6.77	6.83
4,4'-DDD	6.99	6.96	7.02
Endosulfan II	7.10	7.07	7.13
4,4'-DDT	7.27	7.24	7.30
Endrin aldehyde	7.34	7.31	7.37
Endosulfan sulfate	7.55	7.52	7.58
Methoxychlor	7.99	7.96	8.02
Endrin ketone	8.14	8.11	8.17
Tetrachloro-m-xylene	3.62	3.59	3.65
DCB Decachlorobiphenyl	9.28	9.25	9.31

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122036.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 20-Dec-2012 19:18:24 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016042-036
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 36
Lims Batch ID: 69512 Lims Sample ID: 36
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.621	3.621	0.000	30900716	0.0285			
2	100	4.388	4.388	0.000	20352206	0.0282			
						RPD = 0.80			
5 alpha-BHC									
1	100	4.268	4.268	0.000	41688236	0.0300			
2	100	4.774	4.774	0.000	22336835	0.0294			
						RPD = 1.81			
20 gamma-BHC (Lindane)									
1	100	4.612	4.612	0.000	33392371	0.0280			
2	100	5.061	5.061	0.000	17327631	0.0277			
						RPD = 0.99			
7 beta-BHC									
1	100	4.842	4.842	0.000	15539492	0.0281			
2	100	5.329	5.329	0.000	8296091	0.0282			
						RPD = 0.33			
22 Heptachlor									
1	100	4.909	4.909	0.000	26080046	0.0233			
2	100	5.640	5.640	0.000	12149664	0.0229			
						RPD = 1.60			
11 delta-BHC									
1	100	5.063	5.063	0.000	36043861	0.0299			
2	100	5.581	5.581	0.000	17863693	0.0290			
						RPD = 3.00			
4 Aldrin									
1	100	5.159	5.159	0.000	36705194	0.0297			
2	100	6.014	6.014	0.000	21166737	0.0305			
						RPD = 2.72			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.691	5.691	0.000	30234401	0.0282			
2	100	6.539	6.539	0.000	16328503	0.0289			
						RPD = 2.56			
21 gamma-Chlordane									
1	100	5.952	5.952	0.000	32488164	0.0281			
2	100	6.900	6.900	0.000	17685634	0.0299			
						RPD = 6.11			
6 alpha-Chlordane									
1	100	6.070	6.070	0.000	32981268	0.0287			
2	100	6.953	6.953	0.000	18591708	0.0293			
						RPD = 2.29			
14 Endosulfan I									
1	100	6.119	6.119	0.000	29013722	0.0272			
2	100	6.986	6.986	0.000	15325701	0.0282			
						RPD = 3.73			
2 4,4'-DDE									
1	100	6.344	6.344	0.000	34314188	0.0287			
2	100	7.144	7.144	0.000	20756913	0.0281			
						RPD = 2.20			
13 Dieldrin									
1	100	6.453	6.453	0.000	32046270	0.0280			
2	100	7.265	7.265	0.000	16492690	0.0284			
						RPD = 1.50			
17 Endrin									
1	100	6.799	6.799	0.000	25687635	0.0254			
2	100	7.501	7.501	0.000	13059326	0.0251			
						RPD = 0.99			
1 4,4'-DDD									
1	100	6.987	6.987	0.000	23697748	0.0267			
2	100	7.682	7.682	0.000	11603911	0.0271			
						RPD = 1.48			
15 Endosulfan II									
1	100	7.095	7.095	0.000	24846975	0.0254			
2	100	7.780	7.780	0.000	12598234	0.0258			
						RPD = 1.30			
3 4,4'-DDT									
1	100	7.274	7.274	0.000	16650013	0.0220			
2	100	7.988	7.988	0.000	7518090	0.0220			
						RPD = 0.04			
18 Endrin aldehyde									
1	100	7.343	7.343	0.000	18305364	0.0223			
2	100	7.892	7.892	0.000	8850642	0.0222			
						RPD = 0.72			
16 Endosulfan sulfate									
1	100	7.554	7.554	0.000	22793671	0.0259			
2	100	8.177	8.177	0.000	10501350	0.0246			
						RPD = 5.05			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.988	7.988	0.000	8629108	0.0221			
2	100	8.429	8.429	0.000	3720436	0.0216			
						RPD = 2.10			
19 Endrin ketone									
1	100	8.137	8.137	0.000	23541220	0.0229			
2	100	8.573	8.573	0.000	10810081	0.0231			
						RPD = 0.73			
$ 10 DCB Decachlorobiphenyl									
1	100	9.282	9.282	0.000	24076757	0.0242			
2	100	10.399	10.399	0.000	14455971	0.0248			
						RPD = 2.41			

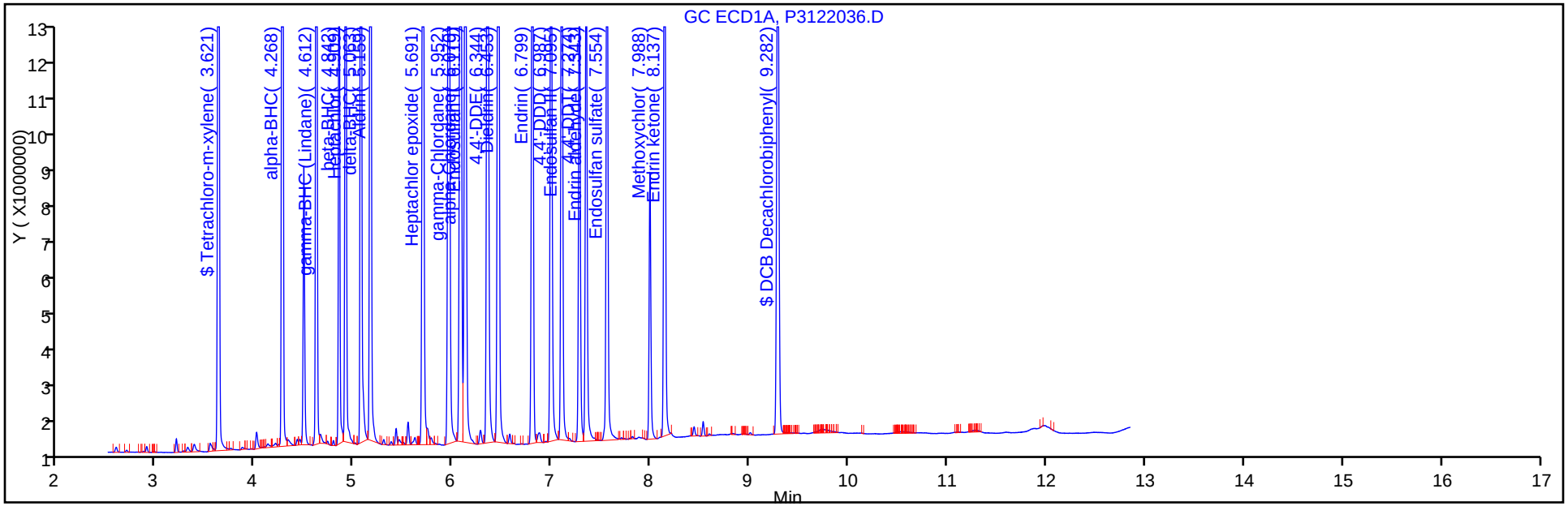
Report Date: 21-Dec-2012 09:49:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

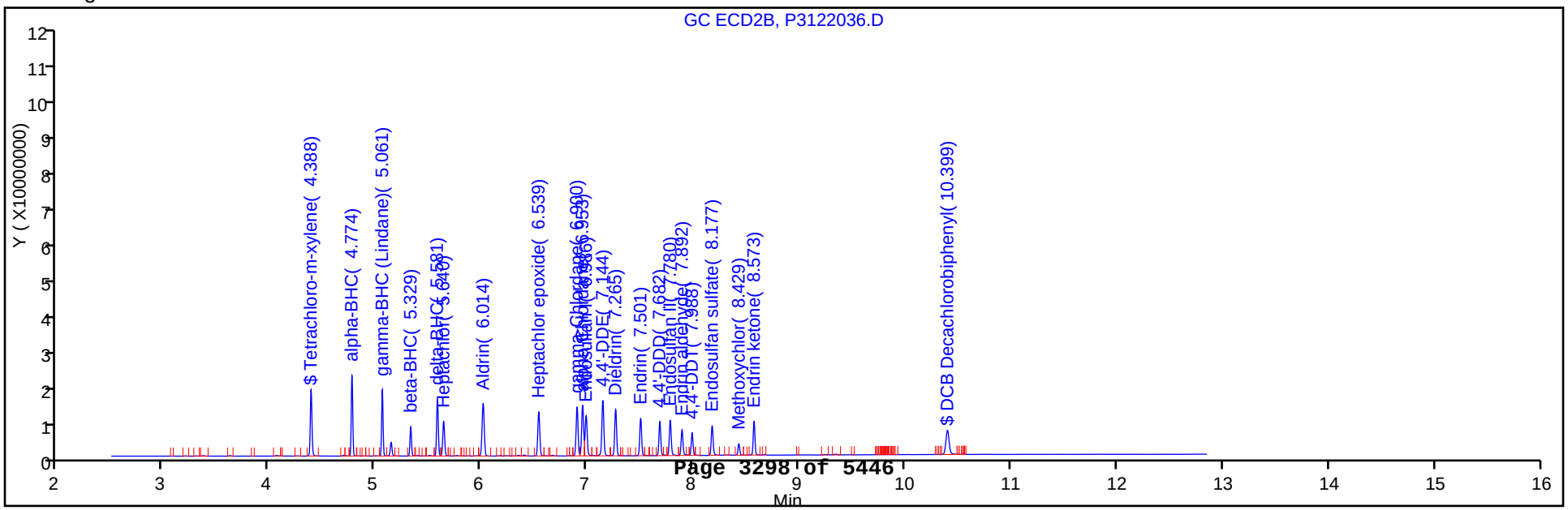
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Injection Date:	20-Dec-2012 19:18:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	36
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69512/36 Calibration Date: 12/20/2012 19:18

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122036.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	759046093	893473400		0.0294	0.0250	17.7	20.0
gamma-BHC (Lindane)	Ave	625024680	693105240		0.0277	0.0250	10.9	20.0
beta-BHC	Ave	294144692	331843640		0.0282	0.0250	12.8	20.0
delta-BHC	Ave	615526024	714547720		0.0290	0.0250	16.1	20.0
Heptachlor	Ave	530794808	485986560		0.0229	0.0250	-8.4	20.0
Aldrin	Ave	693936340	846669480		0.0305	0.0250	22.0*	20.0
Heptachlor epoxide	Ave	564064789	653140120		0.0289	0.0250	15.8	20.0
gamma-Chlordane	Ave	592120168	707425360		0.0299	0.0250	19.5	20.0
alpha-Chlordane	Ave	634117884	743668320		0.0293	0.0250	17.3	20.0
Endosulfan I	Ave	543057543	613028040		0.0282	0.0250	12.9	20.0
4,4'-DDE	Ave	739518728	830276520		0.0281	0.0250	12.3	20.0
Dieldrin	Ave	580604231	659707600		0.0284	0.0250	13.6	20.0
Endrin	Ave	519478573	522373040		0.0251	0.0250	0.6	20.0
4,4'-DDD	Ave	428407715	464156440		0.0271	0.0250	8.3	20.0
Endosulfan II	Ave	489042273	503929360		0.0258	0.0250	3.0	20.0
Endrin aldehyde	Ave	398953282	354025680		0.0222	0.0250	-11.3	20.0
4,4'-DDT	Ave	341420086	300723600		0.0220	0.0250	-11.9	20.0
Endosulfan sulfate	Ave	426573124	420054000		0.0246	0.0250	-1.5	20.0
Methoxychlor	Ave	171969674	148817440		0.0216	0.0250	-13.5	20.0
Endrin ketone	Ave	468053560	432403240		0.0231	0.0250	-7.6	20.0
Tetrachloro-m-xylene	Ave	720745432	814088240		0.0282	0.0250	13.0	20.0
DCB Decachlorobiphenyl	Ave	582034882	578238840		0.0248	0.0250	-0.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69512/36 Calibration Date: 12/20/2012 19:18

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122036.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.77	4.74	4.80
gamma-BHC (Lindane)	5.06	5.03	5.09
beta-BHC	5.33	5.30	5.36
delta-BHC	5.58	5.55	5.61
Heptachlor	5.64	5.61	5.67
Aldrin	6.01	5.98	6.04
Heptachlor epoxide	6.54	6.51	6.57
gamma-Chlordane	6.90	6.87	6.93
alpha-Chlordane	6.95	6.92	6.98
Endosulfan I	6.99	6.96	7.02
4,4'-DDE	7.14	7.11	7.17
Dieldrin	7.27	7.24	7.30
Endrin	7.50	7.47	7.53
4,4'-DDD	7.68	7.65	7.71
Endosulfan II	7.78	7.75	7.81
Endrin aldehyde	7.89	7.86	7.92
4,4'-DDT	7.99	7.96	8.02
Endosulfan sulfate	8.18	8.15	8.21
Methoxychlor	8.43	8.40	8.46
Endrin ketone	8.57	8.54	8.60
Tetrachloro-m-xylene	4.39	4.36	4.42
DCB Decachlorobiphenyl	10.40	10.37	10.43

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122036.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 20-Dec-2012 19:18:24 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016042-036
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 36
Lims Batch ID: 69512 Lims Sample ID: 36
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.621	3.621	0.000	30900716	0.0285			
2	100	4.388	4.388	0.000	20352206	0.0282			
						RPD = 0.80			
5 alpha-BHC									
1	100	4.268	4.268	0.000	41688236	0.0300			
2	100	4.774	4.774	0.000	22336835	0.0294			
						RPD = 1.81			
20 gamma-BHC (Lindane)									
1	100	4.612	4.612	0.000	33392371	0.0280			
2	100	5.061	5.061	0.000	17327631	0.0277			
						RPD = 0.99			
7 beta-BHC									
1	100	4.842	4.842	0.000	15539492	0.0281			
2	100	5.329	5.329	0.000	8296091	0.0282			
						RPD = 0.33			
22 Heptachlor									
1	100	4.909	4.909	0.000	26080046	0.0233			
2	100	5.640	5.640	0.000	12149664	0.0229			
						RPD = 1.60			
11 delta-BHC									
1	100	5.063	5.063	0.000	36043861	0.0299			
2	100	5.581	5.581	0.000	17863693	0.0290			
						RPD = 3.00			
4 Aldrin									
1	100	5.159	5.159	0.000	36705194	0.0297			
2	100	6.014	6.014	0.000	21166737	0.0305			
						RPD = 2.72			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.691	5.691	0.000	30234401	0.0282			
2	100	6.539	6.539	0.000	16328503	0.0289			
						RPD = 2.56			
21 gamma-Chlordane									
1	100	5.952	5.952	0.000	32488164	0.0281			
2	100	6.900	6.900	0.000	17685634	0.0299			
						RPD = 6.11			
6 alpha-Chlordane									
1	100	6.070	6.070	0.000	32981268	0.0287			
2	100	6.953	6.953	0.000	18591708	0.0293			
						RPD = 2.29			
14 Endosulfan I									
1	100	6.119	6.119	0.000	29013722	0.0272			
2	100	6.986	6.986	0.000	15325701	0.0282			
						RPD = 3.73			
2 4,4'-DDE									
1	100	6.344	6.344	0.000	34314188	0.0287			
2	100	7.144	7.144	0.000	20756913	0.0281			
						RPD = 2.20			
13 Dieldrin									
1	100	6.453	6.453	0.000	32046270	0.0280			
2	100	7.265	7.265	0.000	16492690	0.0284			
						RPD = 1.50			
17 Endrin									
1	100	6.799	6.799	0.000	25687635	0.0254			
2	100	7.501	7.501	0.000	13059326	0.0251			
						RPD = 0.99			
1 4,4'-DDD									
1	100	6.987	6.987	0.000	23697748	0.0267			
2	100	7.682	7.682	0.000	11603911	0.0271			
						RPD = 1.48			
15 Endosulfan II									
1	100	7.095	7.095	0.000	24846975	0.0254			
2	100	7.780	7.780	0.000	12598234	0.0258			
						RPD = 1.30			
3 4,4'-DDT									
1	100	7.274	7.274	0.000	16650013	0.0220			
2	100	7.988	7.988	0.000	7518090	0.0220			
						RPD = 0.04			
18 Endrin aldehyde									
1	100	7.343	7.343	0.000	18305364	0.0223			
2	100	7.892	7.892	0.000	8850642	0.0222			
						RPD = 0.72			
16 Endosulfan sulfate									
1	100	7.554	7.554	0.000	22793671	0.0259			
2	100	8.177	8.177	0.000	10501350	0.0246			
						RPD = 5.05			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.988	7.988	0.000	8629108	0.0221			
2	100	8.429	8.429	0.000	3720436	0.0216			
						RPD = 2.10			
19 Endrin ketone									
1	100	8.137	8.137	0.000	23541220	0.0229			
2	100	8.573	8.573	0.000	10810081	0.0231			
						RPD = 0.73			
$ 10 DCB Decachlorobiphenyl									
1	100	9.282	9.282	0.000	24076757	0.0242			
2	100	10.399	10.399	0.000	14455971	0.0248			
						RPD = 2.41			

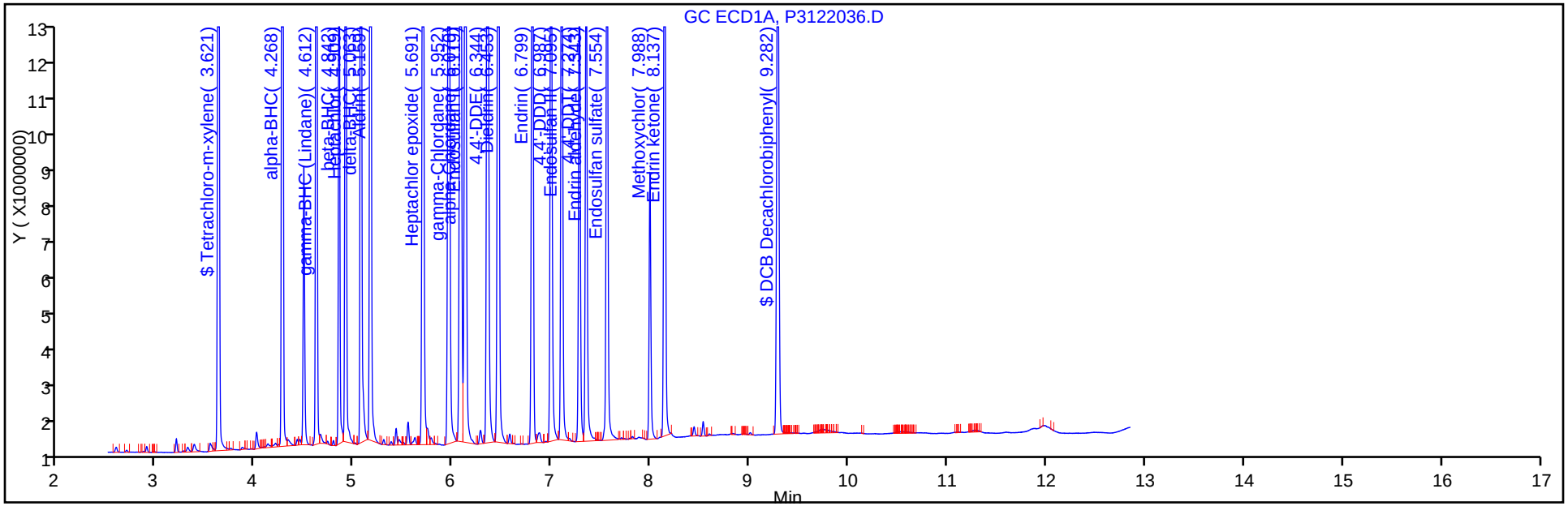
Report Date: 21-Dec-2012 09:49:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

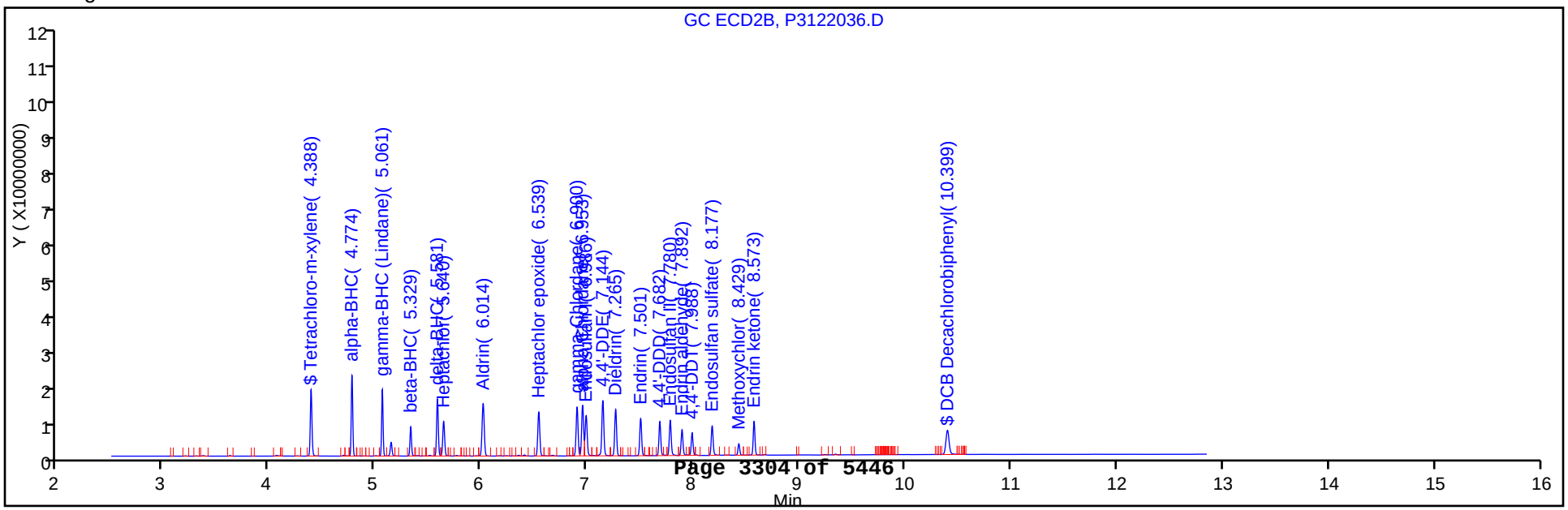
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Injection Date:	20-Dec-2012 19:18:24	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	36
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69512/39 Calibration Date: 12/20/2012 20:21

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/20/2012 12:14

Lab File ID: P3122039.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	16625857	18990117		1.14	1.00	14.2	20.0
Toxaphene Peak 2	Ave	39136664	45078625		1.15	1.00	15.2	20.0
Toxaphene Peak 3	Ave	18149568	19750422		1.09	1.00	8.8	20.0
Toxaphene Peak 4	Ave	21958529	25063981		1.14	1.00	14.1	20.0
Toxaphene Peak 5	Ave	25963355	29271484		1.13	1.00	12.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69512/39 Calibration Date: 12/20/2012 20:21

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 10:50

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/20/2012 12:14

Lab File ID: P3122039.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	7.35	7.32	7.38
Toxaphene Peak 2	7.42	7.39	7.45
Toxaphene Peak 3	7.82	7.79	7.85
Toxaphene Peak 4	7.94	7.91	7.97
Toxaphene Peak 5	8.27	8.24	8.30

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122039.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 20-Dec-2012 20:21:32 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016042-039
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 39
Lims Batch ID: 69512 Lims Sample ID: 39
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:36 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 09:30:19

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	7.350	7.350	0.000	18990117	1.14		100.0	
1	2	7.421	7.421	0.000	45078625	1.15	213.1- 253.1	237.4	
1	3	7.817	7.817	0.000	19750422	1.09	86.0- 126.0	104.0	
1	4	7.939	7.939	0.000	25063981	1.14	113.3- 153.3	132.0	
1	5	8.272	8.272	0.000	29271484	1.13	134.3- 174.3	154.1	
			Average of Peak Amounts =			1.13			
2	100	7.492	7.492	0.000	17502700	1.49		100.0	M
2	2	7.814	7.814	0.000	13059714	1.15	72.7- 112.7	74.6	M
2	3	8.088	8.088	0.000	22899500	1.17	147.8- 187.8	130.8	M
2	4	8.485	8.485	0.000	14004989	1.19	78.7- 118.7	80.0	M
2	5	8.967	8.967	0.000	9254815	1.20	47.3- 87.3	52.9	M
			Average of Peak Amounts =			1.24			
						RPD = 9.34			

QC Flag Legend

Review Flags
M - Manually Integrated

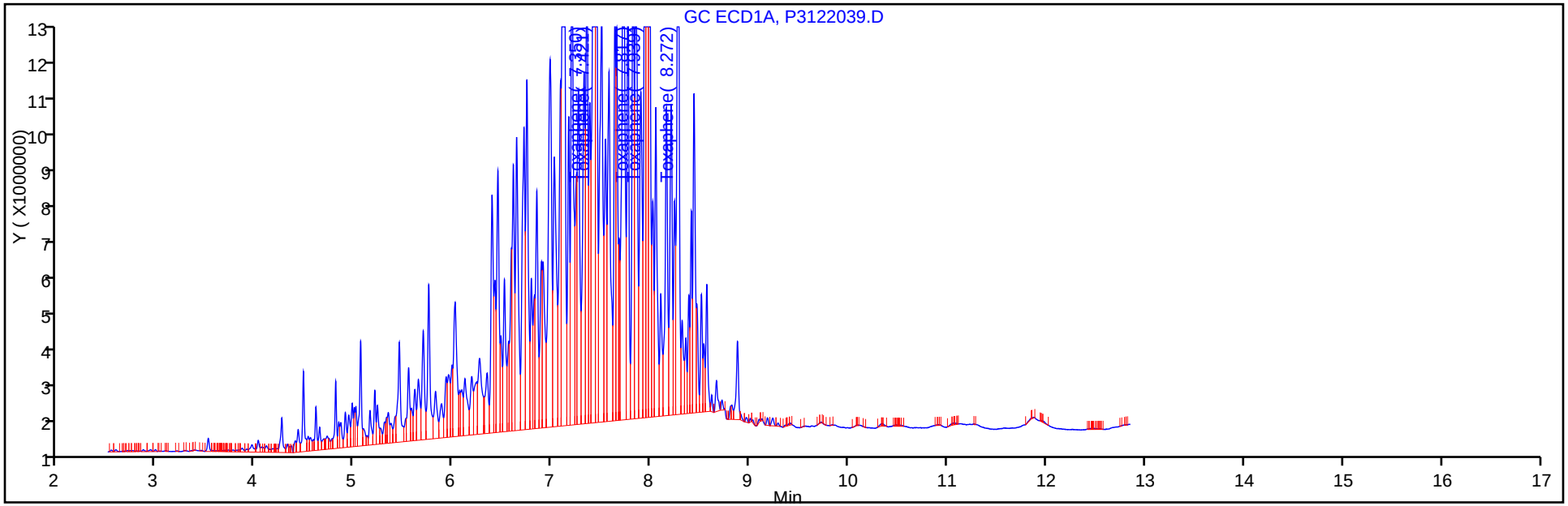
Report Date: 21-Dec-2012 09:49:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

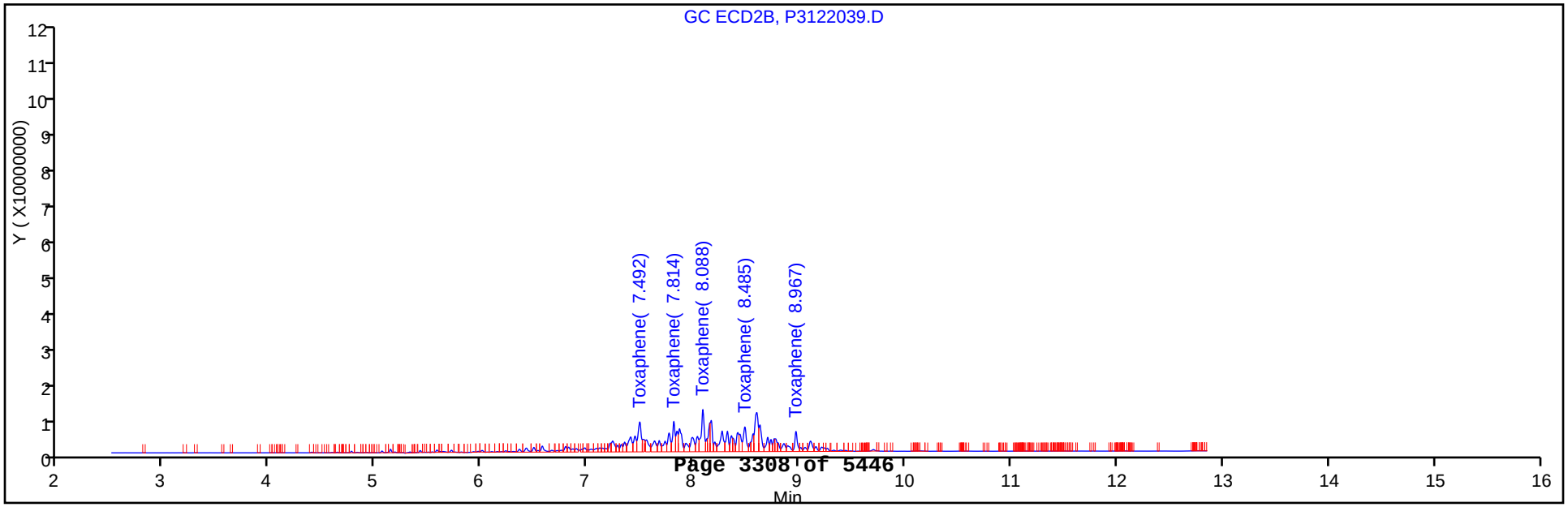
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122039.D

Injection Date:	20-Dec-2012 20:21:32	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	39
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69512/39 Calibration Date: 12/20/2012 20:21

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/20/2012 12:14

Lab File ID: P3122039.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	11714176	17502700		1.49	1.00	49.4*	20.0
Toxaphene Peak 2	Ave	11339097	13059714		1.15	1.00	15.2	20.0
Toxaphene Peak 3	Ave	19578227	22899500		1.17	1.00	17.0	20.0
Toxaphene Peak 4	Ave	11746024	14004989		1.19	1.00	19.2	20.0
Toxaphene Peak 5	Ave	7732661	9254815		1.20	1.00	19.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69512/39 Calibration Date: 12/20/2012 20:21

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 10:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/20/2012 12:14

Lab File ID: P3122039.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	7.49	7.46	7.52
Toxaphene Peak 2	7.81	7.78	7.84
Toxaphene Peak 3	8.09	8.06	8.12
Toxaphene Peak 4	8.49	8.46	8.52
Toxaphene Peak 5	8.97	8.94	9.00

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122039.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 20-Dec-2012 20:21:32 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016042-039
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 39
Lims Batch ID: 69512 Lims Sample ID: 39
Sublist: chrom-PEST3*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:36 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 09:30:19

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	1	7.350	7.350	0.000	18990117	1.14		100.0	
1	2	7.421	7.421	0.000	45078625	1.15	213.1- 253.1	237.4	
1	3	7.817	7.817	0.000	19750422	1.09	86.0- 126.0	104.0	
1	4	7.939	7.939	0.000	25063981	1.14	113.3- 153.3	132.0	
1	5	8.272	8.272	0.000	29271484	1.13	134.3- 174.3	154.1	
			Average of Peak Amounts =			1.13			
2	100	7.492	7.492	0.000	17502700	1.49		100.0	M
2	2	7.814	7.814	0.000	13059714	1.15	72.7- 112.7	74.6	M
2	3	8.088	8.088	0.000	22899500	1.17	147.8- 187.8	130.8	M
2	4	8.485	8.485	0.000	14004989	1.19	78.7- 118.7	80.0	M
2	5	8.967	8.967	0.000	9254815	1.20	47.3- 87.3	52.9	M
			Average of Peak Amounts =			1.24			
						RPD = 9.34			

QC Flag Legend

Review Flags
M - Manually Integrated

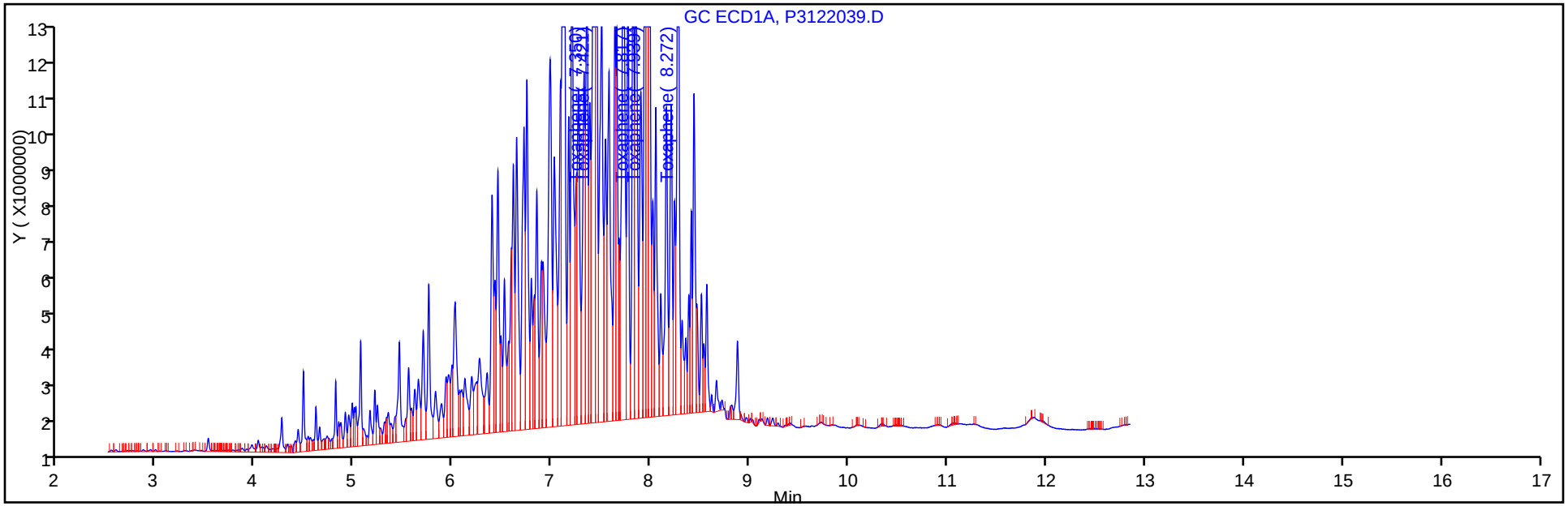
Report Date: 21-Dec-2012 09:49:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

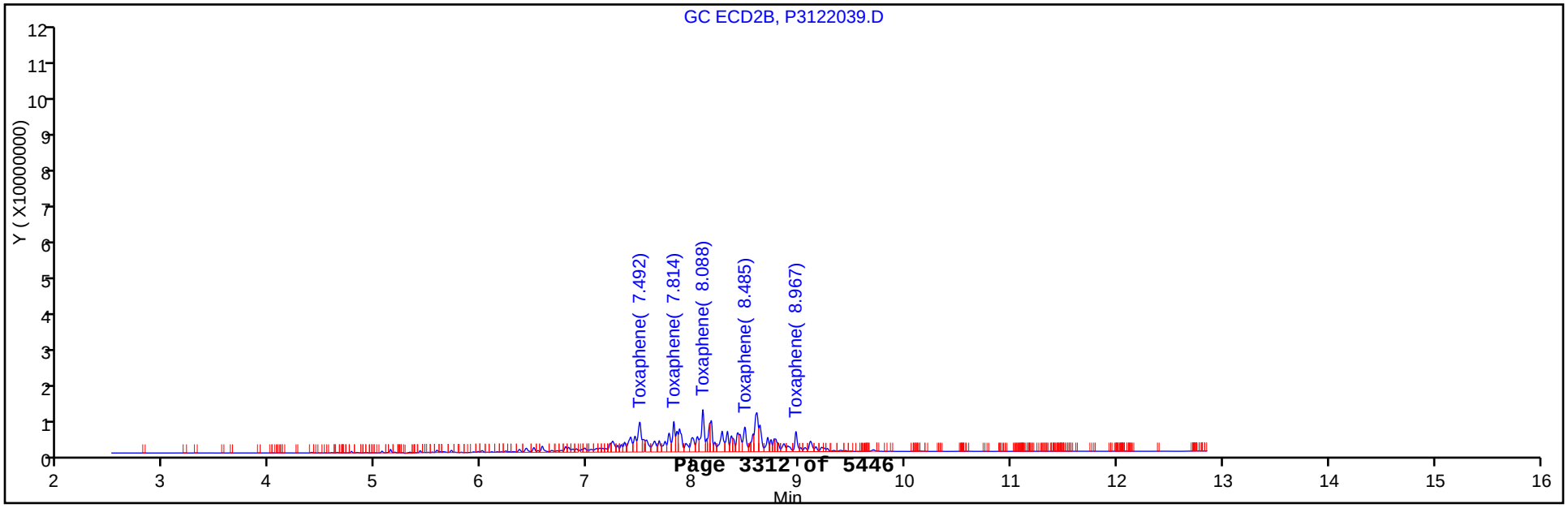
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122039.D

Injection Date:	20-Dec-2012 20:21:32	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	39
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



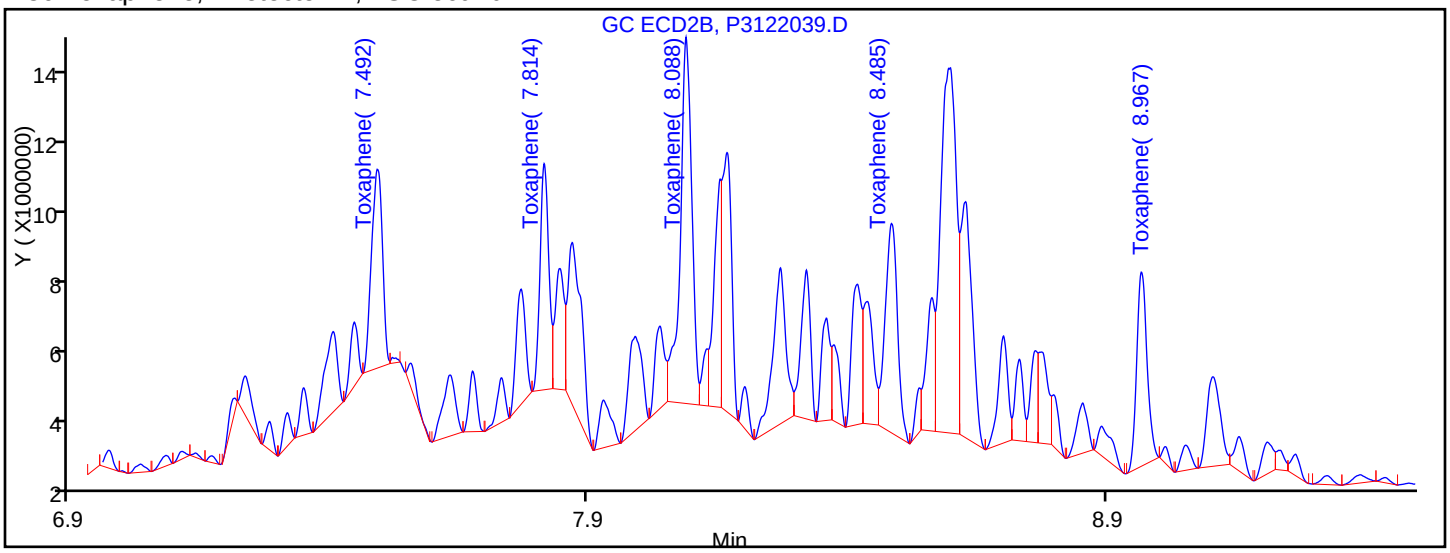
Report Date: 21-Dec-2012 09:49:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122039.D

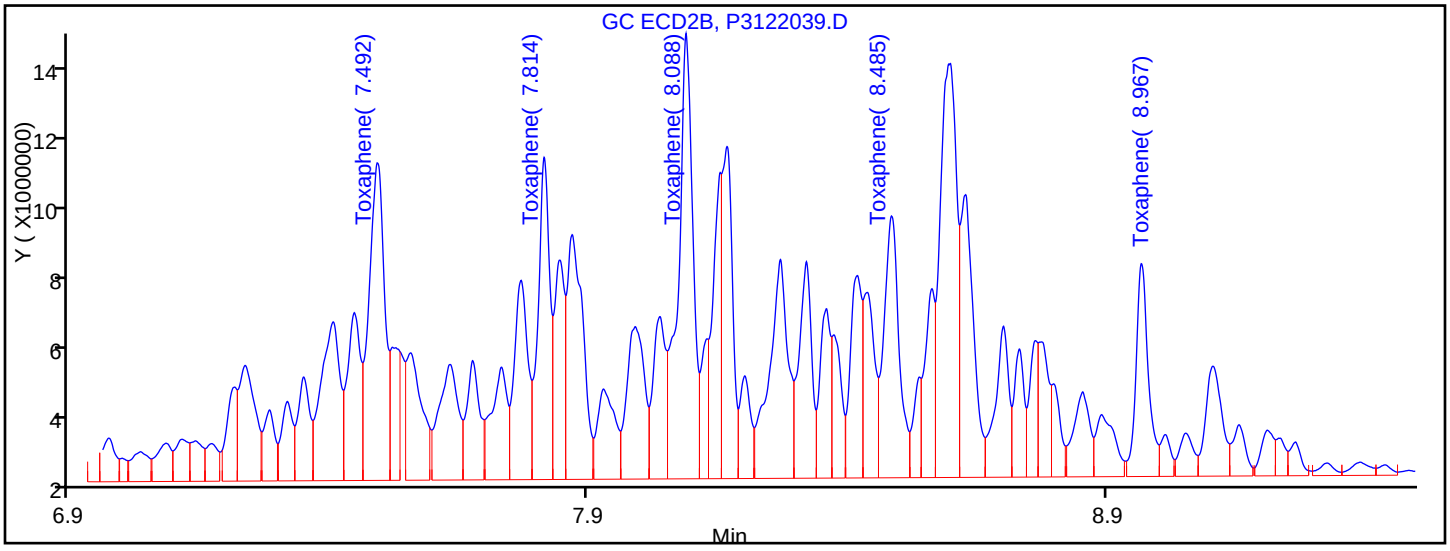
Injection Date:	20-Dec-2012 20:21:32	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	39
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 7.492	Response = 7469294	M
RT = 7.814	Response = 6789351	M
RT = 8.088	Response = 14546192	M
RT = 8.485	Response = 8838780	M
RT = 8.967	Response = 6934935	M



Manual Integration Results

RT = 7.492	Response = 17502700	M
RT = 7.814	Response = 13059714	M
RT = 8.088	Response = 22899500	M
RT = 8.485	Response = 14004989	M
RT = 8.967	Response = 9254815	M

Reviewer: vandorenc, 21-Dec-2012 09:30:19

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69512/40 Calibration Date: 12/20/2012 20:42

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122040.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1391231238	1731606920		0.0311	0.0250	24.5*	20.0
gamma-BHC (Lindane)	Ave	1192668280	1497014120		0.0314	0.0250	25.5*	20.0
beta-BHC	Ave	552762187	658456040		0.0298	0.0250	19.1	20.0
Heptachlor	Ave	1121336867	1341659040		0.0299	0.0250	19.6	20.0
delta-BHC	Ave	1205279716	1499209760		0.0311	0.0250	24.4*	20.0
Aldrin	Ave	1236592433	1479869760		0.0299	0.0250	19.7	20.0
Heptachlor epoxide	Ave	1071570574	1294762440		0.0302	0.0250	20.8*	20.0
gamma-Chlordane	Ave	1156266487	1359257920		0.0294	0.0250	17.6	20.0
alpha-Chlordane	Ave	1150986523	1370620480		0.0298	0.0250	19.1	20.0
Endosulfan I	Ave	1067117120	1241335280		0.0291	0.0250	16.3	20.0
4,4'-DDE	Ave	1195921083	1392074720		0.0291	0.0250	16.4	20.0
Dieldrin	Ave	1145208694	1365418760		0.0298	0.0250	19.2	20.0
Endrin	Ave	1011781070	1217764960		0.0301	0.0250	20.4*	20.0
4,4'-DDD	Ave	887952508	1051928640		0.0296	0.0250	18.5	20.0
Endosulfan II	Ave	977114747	1141172320		0.0292	0.0250	16.8	20.0
4,4'-DDT	Ave	755841529	858476000		0.0284	0.0250	13.6	20.0
Endrin aldehyde	Ave	819200663	937950240		0.0286	0.0250	14.5	20.0
Endosulfan sulfate	Ave	880253097	1039850480		0.0295	0.0250	18.1	20.0
Methoxychlor	Ave	390591338	427042080		0.0273	0.0250	9.3	20.0
Endrin ketone	Ave	1026723684	1175513080		0.0286	0.0250	14.5	20.0
Tetrachloro-m-xylene	Ave	1085581707	1221436240		0.0281	0.0250	12.5	20.0
DCB Decachlorobiphenyl	Ave	993046735	1093015560		0.0275	0.0250	10.1	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69512/40 Calibration Date: 12/20/2012 20:42

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122040.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.26	4.23	4.29
gamma-BHC (Lindane)	4.61	4.58	4.64
beta-BHC	4.84	4.81	4.87
Heptachlor	4.90	4.87	4.93
delta-BHC	5.06	5.03	5.09
Aldrin	5.15	5.12	5.18
Heptachlor epoxide	5.68	5.65	5.71
gamma-Chlordane	5.94	5.91	5.97
alpha-Chlordane	6.06	6.03	6.09
Endosulfan I	6.11	6.08	6.14
4,4'-DDE	6.34	6.31	6.37
Dieldrin	6.45	6.42	6.48
Endrin	6.79	6.76	6.82
4,4'-DDD	6.98	6.95	7.01
Endosulfan II	7.09	7.06	7.12
4,4'-DDT	7.27	7.24	7.30
Endrin aldehyde	7.34	7.31	7.37
Endosulfan sulfate	7.55	7.52	7.58
Methoxychlor	7.98	7.95	8.01
Endrin ketone	8.13	8.10	8.16
Tetrachloro-m-xylene	3.62	3.59	3.65
DCB Decachlorobiphenyl	9.27	9.24	9.30

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122040.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 20-Dec-2012 20:42:43 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016042-040
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 40
Lims Batch ID: 69512 Lims Sample ID: 40
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:35 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.615	3.615	0.000	30535906	0.0281			
2	100	4.382	4.382	0.000	20275236	0.0281			
						RPD = 0.01			
5 alpha-BHC									
1	100	4.262	4.262	0.000	43290173	0.0311			
2	100	4.769	4.769	0.000	24094225	0.0317			
						RPD = 1.99			
20 gamma-BHC (Lindane)									
1	100	4.607	4.607	0.000	37425353	0.0314			
2	100	5.055	5.055	0.000	20024150	0.0320			
						RPD = 2.07			
7 beta-BHC									
1	100	4.837	4.837	0.000	16461401	0.0298			
2	100	5.322	5.322	0.000	9066211	0.0308			
						RPD = 3.44			
22 Heptachlor									
1	100	4.902	4.902	0.000	33541476	0.0299			
2	100	5.633	5.633	0.000	15824389	0.0298			
						RPD = 0.33			
11 delta-BHC									
1	100	5.057	5.057	0.000	37480244	0.0311			
2	100	5.574	5.574	0.000	19653798	0.0319			
						RPD = 2.64			
4 Aldrin									
1	100	5.153	5.153	0.000	36996744	0.0299			
2	100	6.003	6.003	0.000	21652772	0.0312			
						RPD = 4.20			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.684	5.684	0.000	32369061	0.0302			
2	100	6.531	6.531	0.000	17681670	0.0313			
						RPD = 3.70			
21 gamma-Chlordane									
1	100	5.944	5.944	0.000	33981448	0.0294			
2	100	6.893	6.893	0.000	18666366	0.0315			
						RPD = 7.01			
6 alpha-Chlordane									
1	100	6.062	6.062	0.000	34265512	0.0298			
2	100	6.946	6.946	0.000	19599927	0.0309			
						RPD = 3.75			
14 Endosulfan I									
1	100	6.112	6.112	0.000	31033382	0.0291			
2	100	6.979	6.979	0.000	16866679	0.0311			
						RPD = 6.58			
2 4,4'-DDE									
1	100	6.338	6.338	0.000	34801868	0.0291			
2	100	7.136	7.136	0.000	20923737	0.0283			
						RPD = 2.81			
13 Dieldrin									
1	100	6.446	6.446	0.000	34135469	0.0298			
2	100	7.258	7.258	0.000	17818936	0.0307			
						RPD = 2.92			
17 Endrin									
1	100	6.791	6.791	0.000	30444124	0.0301			
2	100	7.494	7.494	0.000	15537880	0.0299			
						RPD = 0.60			
1 4,4'-DDD									
1	100	6.980	6.980	0.000	26298216	0.0296			
2	100	7.675	7.675	0.000	12915031	0.0301			
						RPD = 1.77			
15 Endosulfan II									
1	100	7.088	7.088	0.000	28529308	0.0292			
2	100	7.774	7.774	0.000	14549279	0.0298			
						RPD = 1.88			
3 4,4'-DDT									
1	100	7.267	7.267	0.000	21461900	0.0284			
2	100	7.981	7.981	0.000	9754651	0.0286			
						RPD = 0.62			
18 Endrin aldehyde									
1	100	7.336	7.336	0.000	23448756	0.0286			
2	100	7.886	7.886	0.000	11454606	0.0287			
						RPD = 0.31			
16 Endosulfan sulfate									
1	100	7.548	7.548	0.000	25996262	0.0295			
2	100	8.169	8.169	0.000	12218818	0.0286			
						RPD = 3.05			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.982	7.982	0.000	10676052	0.0273			
2	100	8.422	8.422	0.000	4823041	0.0280			
						RPD = 2.57			
19 Endrin ketone									
1	100	8.129	8.129	0.000	29387827	0.0286			
2	100	8.566	8.566	0.000	13547562	0.0289			
						RPD = 1.12			
$ 10 DCB Decachlorobiphenyl									
1	100	9.274	9.274	0.000	27325389	0.0275			
2	100	10.388	10.388	0.000	16681586	0.0287			
						RPD = 4.07			

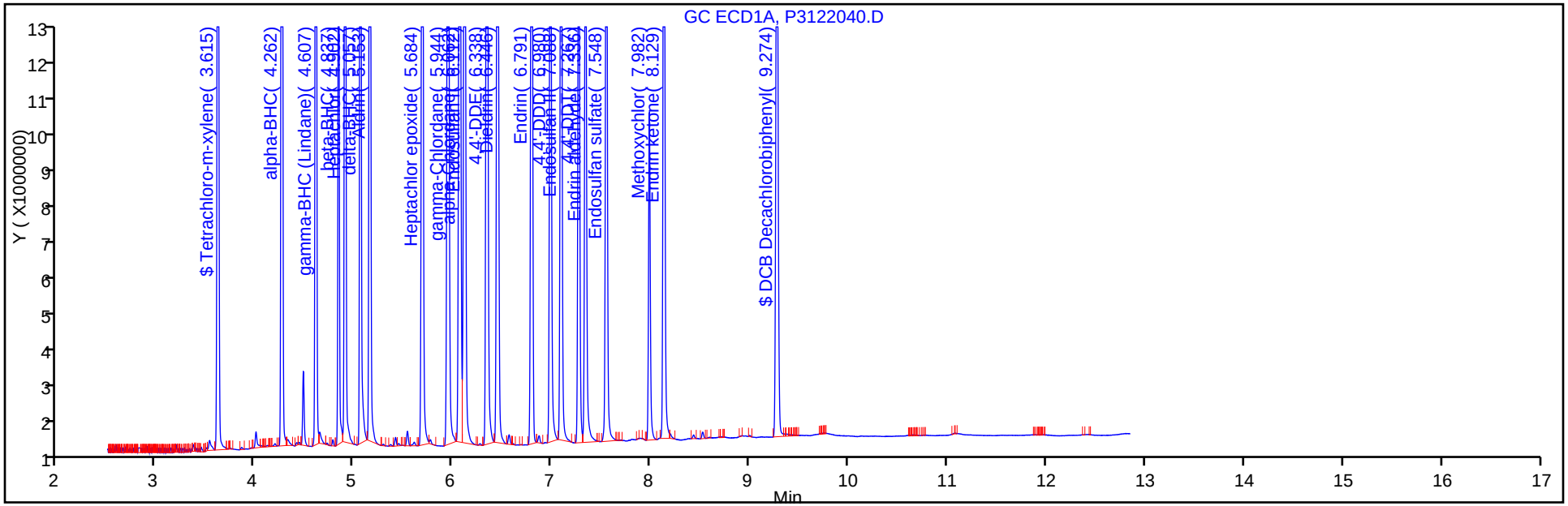
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TestAmerica Canton

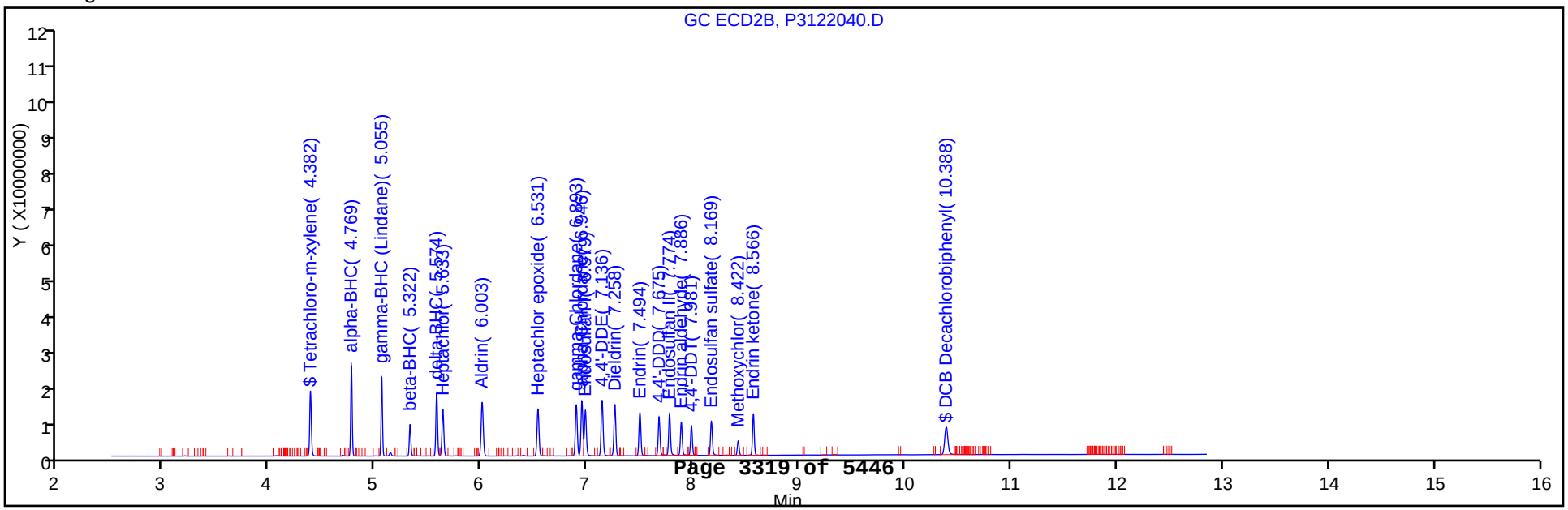
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122040.D

Injection Date:	20-Dec-2012 20:42:43	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	40
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69512/40 Calibration Date: 12/20/2012 20:42

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122040.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	759046093	963769000		0.0317	0.0250	27.0*	20.0
gamma-BHC (Lindane)	Ave	625024680	800966000		0.0320	0.0250	28.1*	20.0
beta-BHC	Ave	294144692	362648440		0.0308	0.0250	23.3*	20.0
delta-BHC	Ave	615526024	786151920		0.0319	0.0250	27.7*	20.0
Heptachlor	Ave	530794808	632975560		0.0298	0.0250	19.3	20.0
Aldrin	Ave	693936340	866110880		0.0312	0.0250	24.8*	20.0
Heptachlor epoxide	Ave	564064789	707266800		0.0313	0.0250	25.4*	20.0
gamma-Chlordane	Ave	592120168	746654640		0.0315	0.0250	26.1*	20.0
alpha-Chlordane	Ave	634117884	783997080		0.0309	0.0250	23.6*	20.0
Endosulfan I	Ave	543057543	674667160		0.0311	0.0250	24.2*	20.0
4,4'-DDE	Ave	739518728	836949480		0.0283	0.0250	13.2	20.0
Dieldrin	Ave	580604231	712757440		0.0307	0.0250	22.8*	20.0
Endrin	Ave	519478573	621515200		0.0299	0.0250	19.6	20.0
4,4'-DDD	Ave	428407715	516601240		0.0301	0.0250	20.6*	20.0
Endosulfan II	Ave	489042273	581971160		0.0298	0.0250	19.0	20.0
Endrin aldehyde	Ave	398953282	458184240		0.0287	0.0250	14.8	20.0
4,4'-DDT	Ave	341420086	390186040		0.0286	0.0250	14.3	20.0
Endosulfan sulfate	Ave	426573124	488752720		0.0286	0.0250	14.6	20.0
Methoxychlor	Ave	171969674	192921640		0.0280	0.0250	12.2	20.0
Endrin ketone	Ave	468053560	541902480		0.0289	0.0250	15.8	20.0
Tetrachloro-m-xylene	Ave	720745432	811009440		0.0281	0.0250	12.5	20.0
DCB Decachlorobiphenyl	Ave	582034882	667263440		0.0287	0.0250	14.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69512/40 Calibration Date: 12/20/2012 20:42

Instrument ID: A2HP3 Calib Start Date: 12/20/2012 08:24

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/20/2012 10:09

Lab File ID: P3122040.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.77	4.74	4.80
gamma-BHC (Lindane)	5.06	5.03	5.09
beta-BHC	5.32	5.29	5.35
delta-BHC	5.57	5.54	5.60
Heptachlor	5.63	5.60	5.66
Aldrin	6.00	5.97	6.03
Heptachlor epoxide	6.53	6.50	6.56
gamma-Chlordane	6.89	6.86	6.92
alpha-Chlordane	6.95	6.92	6.98
Endosulfan I	6.98	6.95	7.01
4,4'-DDE	7.14	7.11	7.17
Dieldrin	7.26	7.23	7.29
Endrin	7.49	7.46	7.52
4,4'-DDD	7.68	7.65	7.71
Endosulfan II	7.77	7.74	7.80
Endrin aldehyde	7.89	7.86	7.92
4,4'-DDT	7.98	7.95	8.01
Endosulfan sulfate	8.17	8.14	8.20
Methoxychlor	8.42	8.39	8.45
Endrin ketone	8.57	8.54	8.60
Tetrachloro-m-xylene	4.38	4.35	4.41
DCB Decachlorobiphenyl	10.39	10.36	10.42

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122040.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 20-Dec-2012 20:42:43 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016042-040
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 40
Lims Batch ID: 69512 Lims Sample ID: 40
Sublist: chrom-PEST3*sub7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:35 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.615	3.615	0.000	30535906	0.0281			
2	100	4.382	4.382	0.000	20275236	0.0281			
						RPD = 0.01			
5 alpha-BHC									
1	100	4.262	4.262	0.000	43290173	0.0311			
2	100	4.769	4.769	0.000	24094225	0.0317			
						RPD = 1.99			
20 gamma-BHC (Lindane)									
1	100	4.607	4.607	0.000	37425353	0.0314			
2	100	5.055	5.055	0.000	20024150	0.0320			
						RPD = 2.07			
7 beta-BHC									
1	100	4.837	4.837	0.000	16461401	0.0298			
2	100	5.322	5.322	0.000	9066211	0.0308			
						RPD = 3.44			
22 Heptachlor									
1	100	4.902	4.902	0.000	33541476	0.0299			
2	100	5.633	5.633	0.000	15824389	0.0298			
						RPD = 0.33			
11 delta-BHC									
1	100	5.057	5.057	0.000	37480244	0.0311			
2	100	5.574	5.574	0.000	19653798	0.0319			
						RPD = 2.64			
4 Aldrin									
1	100	5.153	5.153	0.000	36996744	0.0299			
2	100	6.003	6.003	0.000	21652772	0.0312			
						RPD = 4.20			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.684	5.684	0.000	32369061	0.0302			
2	100	6.531	6.531	0.000	17681670	0.0313			
						RPD = 3.70			
21 gamma-Chlordane									
1	100	5.944	5.944	0.000	33981448	0.0294			
2	100	6.893	6.893	0.000	18666366	0.0315			
						RPD = 7.01			
6 alpha-Chlordane									
1	100	6.062	6.062	0.000	34265512	0.0298			
2	100	6.946	6.946	0.000	19599927	0.0309			
						RPD = 3.75			
14 Endosulfan I									
1	100	6.112	6.112	0.000	31033382	0.0291			
2	100	6.979	6.979	0.000	16866679	0.0311			
						RPD = 6.58			
2 4,4'-DDE									
1	100	6.338	6.338	0.000	34801868	0.0291			
2	100	7.136	7.136	0.000	20923737	0.0283			
						RPD = 2.81			
13 Dieldrin									
1	100	6.446	6.446	0.000	34135469	0.0298			
2	100	7.258	7.258	0.000	17818936	0.0307			
						RPD = 2.92			
17 Endrin									
1	100	6.791	6.791	0.000	30444124	0.0301			
2	100	7.494	7.494	0.000	15537880	0.0299			
						RPD = 0.60			
1 4,4'-DDD									
1	100	6.980	6.980	0.000	26298216	0.0296			
2	100	7.675	7.675	0.000	12915031	0.0301			
						RPD = 1.77			
15 Endosulfan II									
1	100	7.088	7.088	0.000	28529308	0.0292			
2	100	7.774	7.774	0.000	14549279	0.0298			
						RPD = 1.88			
3 4,4'-DDT									
1	100	7.267	7.267	0.000	21461900	0.0284			
2	100	7.981	7.981	0.000	9754651	0.0286			
						RPD = 0.62			
18 Endrin aldehyde									
1	100	7.336	7.336	0.000	23448756	0.0286			
2	100	7.886	7.886	0.000	11454606	0.0287			
						RPD = 0.31			
16 Endosulfan sulfate									
1	100	7.548	7.548	0.000	25996262	0.0295			
2	100	8.169	8.169	0.000	12218818	0.0286			
						RPD = 3.05			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.982	7.982	0.000	10676052	0.0273			
2	100	8.422	8.422	0.000	4823041	0.0280			
						RPD = 2.57			
19 Endrin ketone									
1	100	8.129	8.129	0.000	29387827	0.0286			
2	100	8.566	8.566	0.000	13547562	0.0289			
						RPD = 1.12			
$ 10 DCB Decachlorobiphenyl									
1	100	9.274	9.274	0.000	27325389	0.0275			
2	100	10.388	10.388	0.000	16681586	0.0287			
						RPD = 4.07			

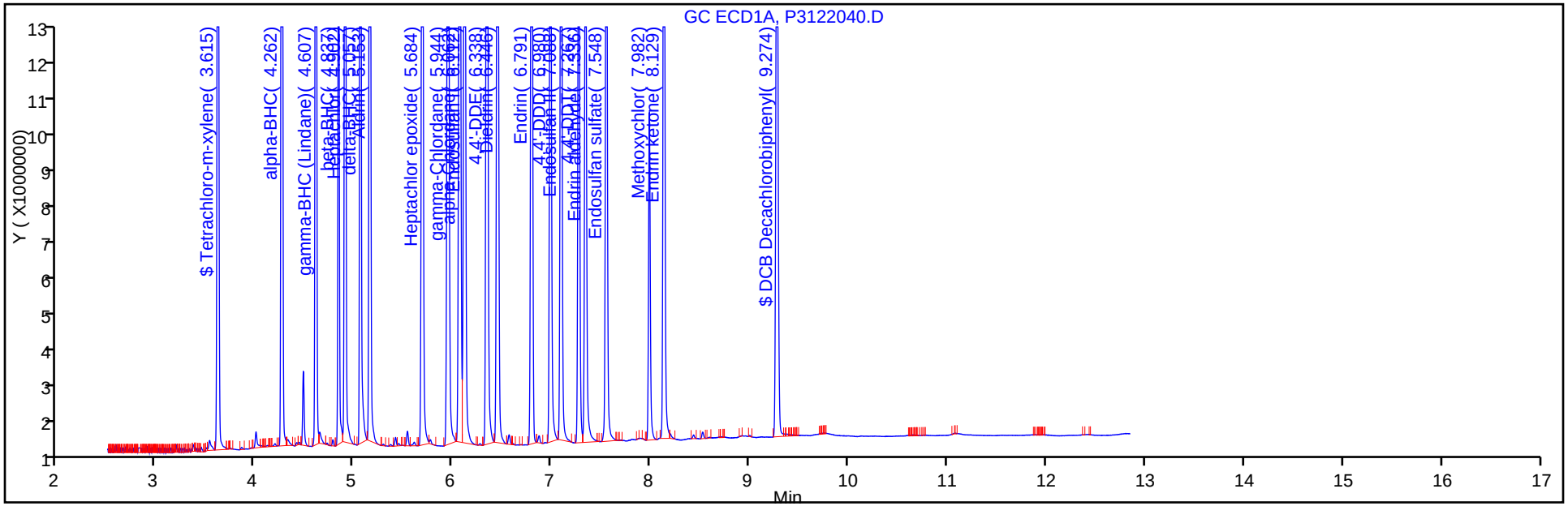
Report Date: 21-Dec-2012 09:49:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

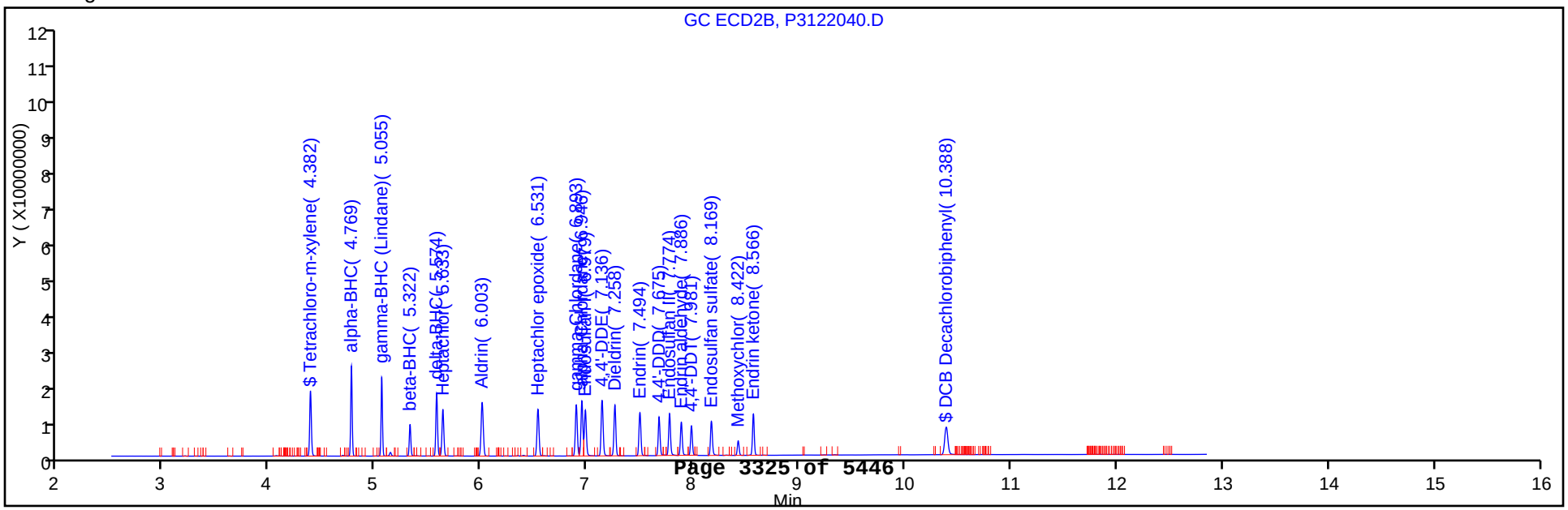
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122040.D

Injection Date:	20-Dec-2012 20:42:43	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	40
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 240-67554/11 Calibration Date: 12/06/2012 13:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9120611.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3421434316	3611996720		0.0264	0.0250	5.6	20.0
gamma-BHC (Lindane)	Ave	2913769986	3135748400		0.0269	0.0250	7.6	20.0
beta-BHC	Ave	1250224244	1333679920		0.0267	0.0250	6.7	20.0
delta-BHC	Ave	3061752536	3329859200		0.0272	0.0250	8.8	20.0
Heptachlor	Ave	2655006807	2899129360		0.0273	0.0250	9.2	20.0
Aldrin	Ave	3189768763	3308185400		0.0259	0.0250	3.7	20.0
Heptachlor epoxide	Ave	2580951581	2806662680		0.0272	0.0250	8.7	20.0
gamma-Chlordane	Ave	2810352112	3001504240		0.0267	0.0250	6.8	20.0
alpha-Chlordane	Ave	2914578305	2990603320		0.0257	0.0250	2.6	20.0
Endosulfan I	Ave	2430184025	2632445160		0.0271	0.0250	8.3	20.0
4,4'-DDE	Ave	2984641558	3128705360		0.0262	0.0250	4.8	20.0
Dieldrin	Ave	2497683571	2678820040		0.0268	0.0250	7.3	20.0
Endrin	Ave	2266106237	2429587440		0.0268	0.0250	7.2	20.0
4,4'-DDD	Ave	1836592891	1962755440		0.0267	0.0250	6.9	20.0
Endosulfan II	Ave	2359969486	2591363160		0.0275	0.0250	9.8	20.0
4,4'-DDT	Ave	1994537456	2164070920		0.0271	0.0250	8.5	20.0
Endrin aldehyde	Ave	1799719498	1923478000		0.0267	0.0250	6.9	20.0
Methoxychlor	Ave	935306693	1008808200		0.0270	0.0250	7.9	20.0
Endosulfan sulfate	Ave	2170510402	2365754320		0.0272	0.0250	9.0	20.0
Endrin ketone	Ave	2244151853	2309599600		0.0257	0.0250	2.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 240-67554/11 Calibration Date: 12/06/2012 13:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9120611.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.18	4.16	4.22
gamma-BHC (Lindane)	4.56	4.53	4.59
beta-BHC	4.69	4.66	4.72
delta-BHC	4.90	4.88	4.94
Heptachlor	5.19	5.15	5.22
Aldrin	5.64	5.61	5.67
Heptachlor epoxide	6.87	6.84	6.90
gamma-Chlordane	7.17	7.14	7.20
alpha-Chlordane	7.52	7.50	7.56
Endosulfan I	7.80	7.77	7.83
4,4'-DDE	7.90	7.88	7.94
Dieldrin	8.37	8.34	8.40
Endrin	8.82	8.80	8.86
4,4'-DDD	9.19	9.16	9.22
Endosulfan II	9.28	9.25	9.31
4,4'-DDT	9.71	9.68	9.74
Endrin aldehyde	10.07	10.04	10.10
Methoxychlor	10.66	10.63	10.69
Endosulfan sulfate	10.79	10.76	10.82
Endrin ketone	11.19	11.16	11.22

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120611.D
Lims ID: ICV Client ID:
Inject. Date: 06-Dec-2012 13:33:04 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015581-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 67554 Lims Sample ID: 11
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:26 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:35:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 alpha-BHC									
1	100	4.183	4.185	-0.002	90299918	0.0264			
2	100	4.921	4.921	0.000	270256822	0.0250			
						RPD = 5.32			
20 gamma-BHC (Lindane)									
1	100	4.559	4.560	-0.001	78393710	0.0269			
2	100	5.477	5.477	0.000	231143123	0.0258			
						RPD = 4.36			
7 beta-BHC									
1	100	4.691	4.691	0.000	33341998	0.0267			
2	100	5.653	5.653	0.000	98349562	0.0261			
						RPD = 2.27			
11 delta-BHC									
1	100	4.904	4.905	-0.001	83246480	0.0272			
2	100	6.204	6.204	0.000	242367693	0.0257			
						RPD = 5.60			
22 Heptachlor									
1	100	5.186	5.187	-0.001	72478234	0.0273			
2	100	6.302	6.303	-0.001	209930947	0.0264			
						RPD = 3.41			
4 Aldrin									
1	100	5.637	5.639	-0.002	82704635	0.0259			
2	100	7.021	7.021	0.000	223205752	0.0252			
						RPD = 2.77			
23 Heptachlor epoxide									
1	100	6.866	6.868	-0.002	70166567	0.0272			
2	100	8.506	8.506	0.000	192758553	0.0264			
						RPD = 2.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	7.171	7.174	-0.003	75037606	0.0267			
2	100	8.933	8.933	0.000	193046161	0.0258			
						RPD = 3.25			
6 alpha-Chlordane									
1	100	7.522	7.526	-0.004	74765083	0.0257			
2	100	9.246	9.246	0.000	188416441	0.0249			
						RPD = 2.89			
14 Endosulfan I									
1	100	7.800	7.803	-0.003	65811129	0.0271			
2	100	9.306	9.307	-0.001	165090289	0.0267			
						RPD = 1.59			
2 4,4'-DDE									
1	100	7.903	7.906	-0.003	78217634	0.0262			
2	100	9.705	9.706	-0.001	186708047	0.0249			
						RPD = 5.13			
13 Dieldrin									
1	100	8.366	8.367	-0.001	66970501	0.0268			
2	100	9.842	9.842	0.000	179973939	0.0264			
						RPD = 1.41			
17 Endrin									
1	100	8.823	8.827	-0.004	60739686	0.0268			
2	100	10.365	10.363	0.002	166091839	0.0263			
						RPD = 2.08			
1 4,4'-DDD									
1	100	9.187	9.188	-0.001	49068886	0.0267			
2	100	10.734	10.735	-0.001	291513708	0.0270			
						RPD = 1.12			
15 Endosulfan II									
1	100	9.275	9.276	-0.001	64784079	0.0275			
2	100	10.734	10.735	-0.001	291513708	0.0266			
						RPD = 2.99			
3 4,4'-DDT									
1	100	9.709	9.711	-0.002	54101773	0.0271			
2	100	11.220	11.221	-0.001	129456951	0.0263			
						RPD = 3.22			
18 Endrin aldehyde									
1	100	10.069	10.071	-0.002	48086950	0.0267			
2	100	11.308	11.309	-0.001	126050192	0.0266			
						RPD = 0.30			
27 Methoxychlor									
1	100	10.660	10.661	-0.001	25220205	0.0270			
2	100	12.298	12.297	0.001	63965734	0.0257			
						RPD = 4.79			
16 Endosulfan sulfate									
1	100	10.793	10.794	-0.001	59143858	0.0272			
2	100	11.740	11.741	-0.001	150749820	0.0266			
						RPD = 2.33			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100	11.192	11.194	-0.002	57739990	0.0257			
2	100	12.479	12.478	0.001	148410829	0.0257			
						RPD = 0.00			

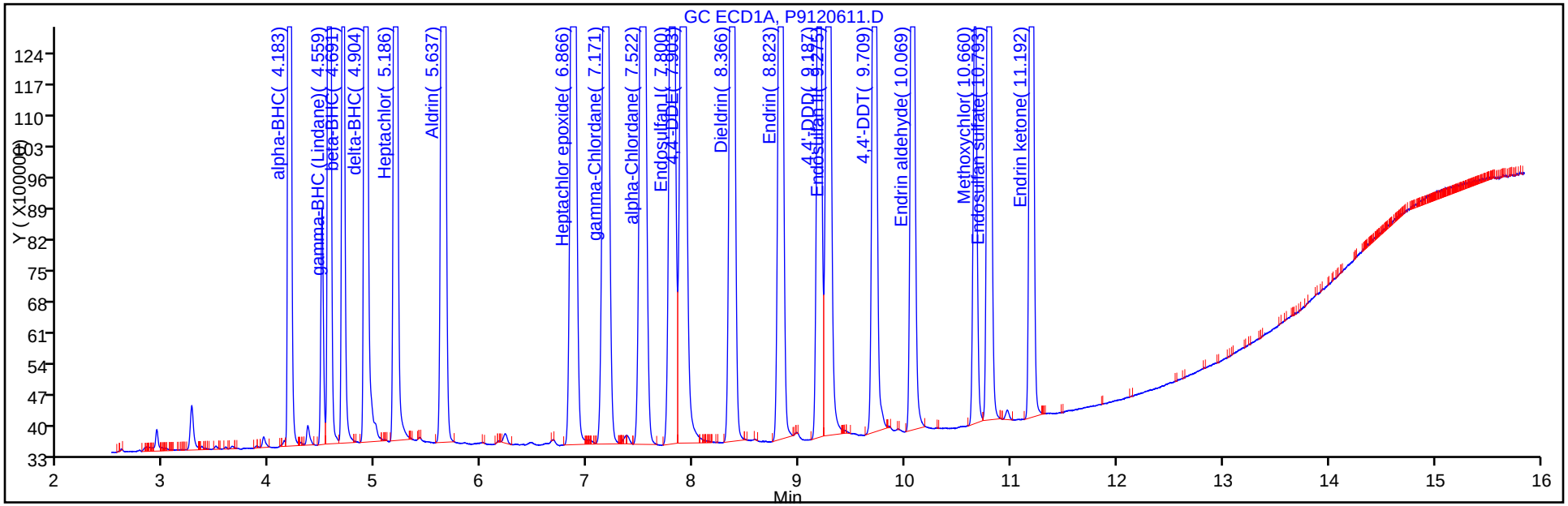
Report Date: 07-Dec-2012 10:25:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

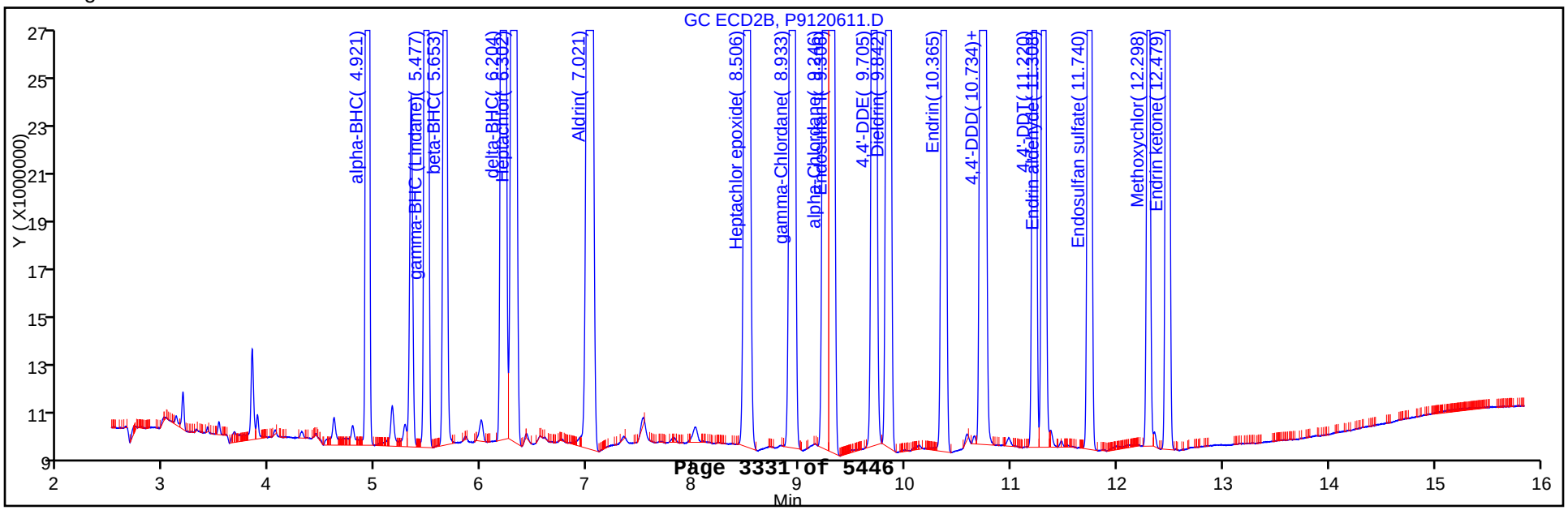
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120611.D

Injection Date:	06-Dec-2012 13:33:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 240-67554/11 Calibration Date: 12/06/2012 13:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9120611.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	10799529128	10810272880		0.0250	0.0250	0.1	20.0
gamma-BHC (Lindane)	Ave	8974140307	9245724920		0.0258	0.0250	3.0	20.0
beta-BHC	Ave	3772427859	3933982480		0.0261	0.0250	4.3	20.0
delta-BHC	Ave	9427568690	9694707720		0.0257	0.0250	2.8	20.0
Heptachlor	Ave	7957007710	8397237880		0.0264	0.0250	5.5	20.0
Aldrin	Ave	8850366058	8928230080		0.0252	0.0250	0.9	20.0
Heptachlor epoxide	Ave	7294024537	7710342120		0.0264	0.0250	5.7	20.0
gamma-Chlordane	Ave	7469037572	7721846440		0.0258	0.0250	3.4	20.0
alpha-Chlordane	Ave	7560544032	7536657640		0.0249	0.0250	-0.3	20.0
Endosulfan I	Ave	6193816738	6603611560		0.0267	0.0250	6.6	20.0
4,4'-DDE	Ave	7499608111	7468321880		0.0249	0.0250	-0.4	20.0
Dieldrin	Ave	6807572539	7198957560		0.0264	0.0250	5.7	20.0
Endrin	Ave	6326640752	6643673560		0.0263	0.0250	5.0	20.0
4,4'-DDD	Ave	10789989010	11660548320		0.0270	0.0250	8.1	20.0
Endosulfan II	Ave	10941323443	11660548320		0.0266	0.0250	6.6	20.0
4,4'-DDT	Ave	4929043014	5178278040		0.0263	0.0250	5.1	20.0
Endrin aldehyde	Ave	4731747302	5042007680		0.0266	0.0250	6.6	20.0
Endosulfan sulfate	Ave	5662882600	6029992800		0.0266	0.0250	6.5	20.0
Methoxychlor	Ave	2488628073	2558629360		0.0257	0.0250	2.8	20.0
Endrin ketone	Ave	5768215223	5936433160		0.0257	0.0250	2.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 240-67554/11 Calibration Date: 12/06/2012 13:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9120611.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.92	4.89	4.95
gamma-BHC (Lindane)	5.48	5.45	5.51
beta-BHC	5.65	5.62	5.68
delta-BHC	6.20	6.17	6.23
Heptachlor	6.30	6.27	6.34
Aldrin	7.02	6.99	7.05
Heptachlor epoxide	8.51	8.48	8.54
gamma-Chlordane	8.93	8.90	8.96
alpha-Chlordane	9.25	9.22	9.28
Endosulfan I	9.31	9.28	9.34
4,4'-DDE	9.71	9.68	9.74
Dieldrin	9.84	9.81	9.87
Endrin	10.37	10.33	10.39
4,4'-DDD	10.73	10.71	10.77
Endosulfan II	10.73	10.71	10.77
4,4'-DDT	11.22	11.19	11.25
Endrin aldehyde	11.31	11.28	11.34
Endosulfan sulfate	11.74	11.71	11.77
Methoxychlor	12.30	12.27	12.33
Endrin ketone	12.48	12.45	12.51

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120611.D
Lims ID: ICV Client ID:
Inject. Date: 06-Dec-2012 13:33:04 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015581-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 67554 Lims Sample ID: 11
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:26 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:35:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 alpha-BHC									
1	100	4.183	4.185	-0.002	90299918	0.0264			
2	100	4.921	4.921	0.000	270256822	0.0250			
						RPD = 5.32			
20 gamma-BHC (Lindane)									
1	100	4.559	4.560	-0.001	78393710	0.0269			
2	100	5.477	5.477	0.000	231143123	0.0258			
						RPD = 4.36			
7 beta-BHC									
1	100	4.691	4.691	0.000	33341998	0.0267			
2	100	5.653	5.653	0.000	98349562	0.0261			
						RPD = 2.27			
11 delta-BHC									
1	100	4.904	4.905	-0.001	83246480	0.0272			
2	100	6.204	6.204	0.000	242367693	0.0257			
						RPD = 5.60			
22 Heptachlor									
1	100	5.186	5.187	-0.001	72478234	0.0273			
2	100	6.302	6.303	-0.001	209930947	0.0264			
						RPD = 3.41			
4 Aldrin									
1	100	5.637	5.639	-0.002	82704635	0.0259			
2	100	7.021	7.021	0.000	223205752	0.0252			
						RPD = 2.77			
23 Heptachlor epoxide									
1	100	6.866	6.868	-0.002	70166567	0.0272			
2	100	8.506	8.506	0.000	192758553	0.0264			
						RPD = 2.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	7.171	7.174	-0.003	75037606	0.0267			
2	100	8.933	8.933	0.000	193046161	0.0258			
						RPD = 3.25			
6 alpha-Chlordane									
1	100	7.522	7.526	-0.004	74765083	0.0257			
2	100	9.246	9.246	0.000	188416441	0.0249			
						RPD = 2.89			
14 Endosulfan I									
1	100	7.800	7.803	-0.003	65811129	0.0271			
2	100	9.306	9.307	-0.001	165090289	0.0267			
						RPD = 1.59			
2 4,4'-DDE									
1	100	7.903	7.906	-0.003	78217634	0.0262			
2	100	9.705	9.706	-0.001	186708047	0.0249			
						RPD = 5.13			
13 Dieldrin									
1	100	8.366	8.367	-0.001	66970501	0.0268			
2	100	9.842	9.842	0.000	179973939	0.0264			
						RPD = 1.41			
17 Endrin									
1	100	8.823	8.827	-0.004	60739686	0.0268			
2	100	10.365	10.363	0.002	166091839	0.0263			
						RPD = 2.08			
1 4,4'-DDD									
1	100	9.187	9.188	-0.001	49068886	0.0267			
2	100	10.734	10.735	-0.001	291513708	0.0270			
						RPD = 1.12			
15 Endosulfan II									
1	100	9.275	9.276	-0.001	64784079	0.0275			
2	100	10.734	10.735	-0.001	291513708	0.0266			
						RPD = 2.99			
3 4,4'-DDT									
1	100	9.709	9.711	-0.002	54101773	0.0271			
2	100	11.220	11.221	-0.001	129456951	0.0263			
						RPD = 3.22			
18 Endrin aldehyde									
1	100	10.069	10.071	-0.002	48086950	0.0267			
2	100	11.308	11.309	-0.001	126050192	0.0266			
						RPD = 0.30			
27 Methoxychlor									
1	100	10.660	10.661	-0.001	25220205	0.0270			
2	100	12.298	12.297	0.001	63965734	0.0257			
						RPD = 4.79			
16 Endosulfan sulfate									
1	100	10.793	10.794	-0.001	59143858	0.0272			
2	100	11.740	11.741	-0.001	150749820	0.0266			
						RPD = 2.33			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100	11.192	11.194	-0.002	57739990	0.0257			
2	100	12.479	12.478	0.001	148410829	0.0257			
						RPD = 0.00			

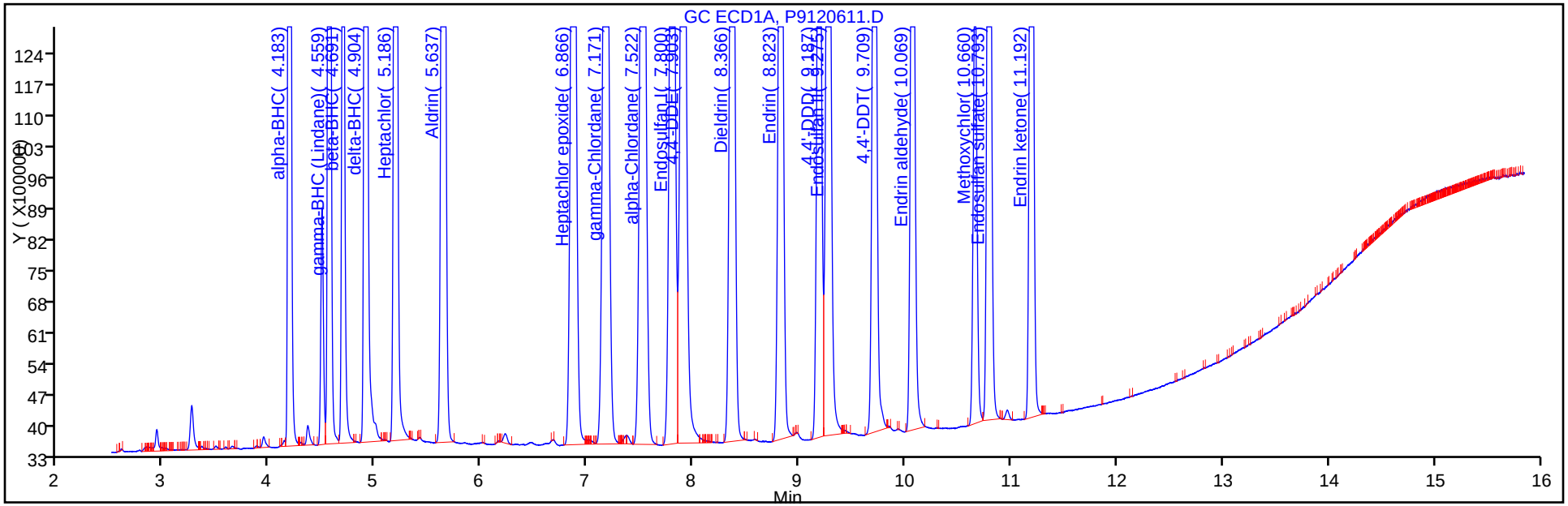
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TestAmerica Canton

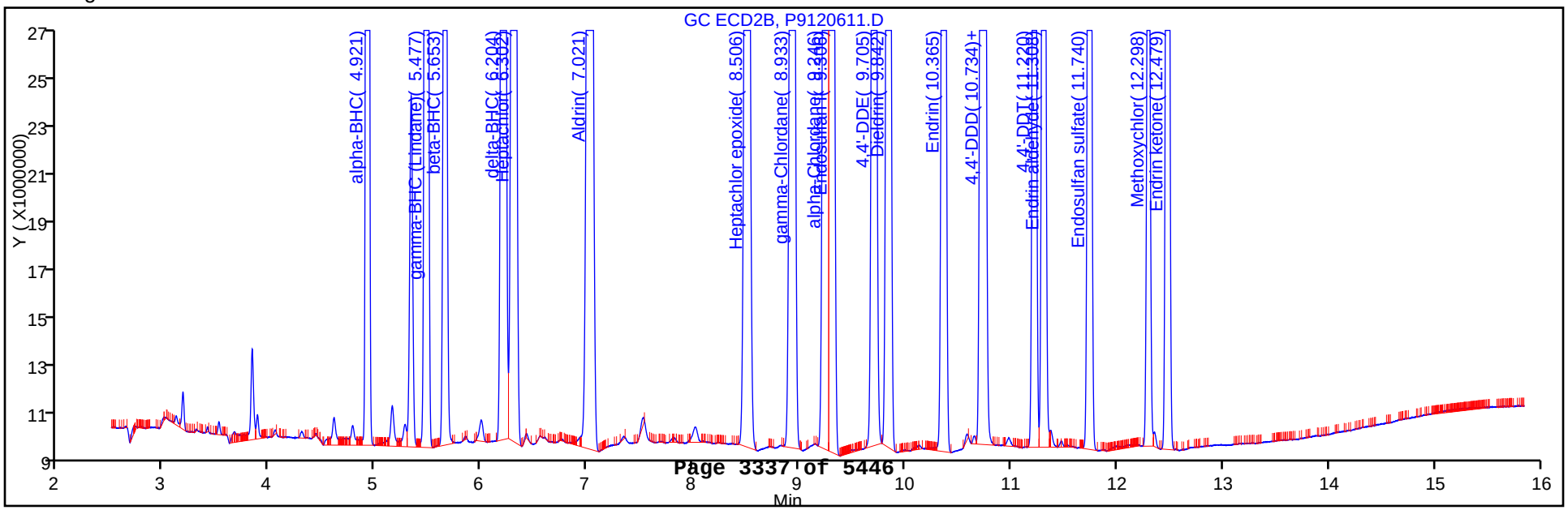
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Injection Date:	06-Dec-2012 13:33:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 240-67554/17 Calibration Date: 12/06/2012 16:16

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9120617.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	68992790	39207309		0.568	1.00	-43.2*	20.0
Toxaphene Peak 2	Ave	85469637	68167548		0.798	1.00	-20.2*	20.0
Toxaphene Peak 3	Ave	73765512	68088453		0.923	1.00	-7.7	20.0
Toxaphene Peak 4	Ave	98743767	108899183		1.10	1.00	10.3	20.0
Toxaphene Peak 5	Ave	63625849	95304588		1.50	1.00	49.8*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 240-67554/17 Calibration Date: 12/06/2012 16:16

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9120617.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	9.51	9.48	9.54
Toxaphene Peak 2	9.95	9.92	9.98
Toxaphene Peak 3	10.02	9.99	10.05
Toxaphene Peak 4	10.60	10.58	10.64
Toxaphene Peak 5	11.17	11.14	11.20

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D
Lims ID: ICV Client ID:
Inject. Date: 06-Dec-2012 16:16:09 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015581-017
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 67554 Lims Sample ID: 17
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:40 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:53:37

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.507	9.508	-0.001	39207309	0.5683		100.0	M
1	2	9.950	9.951	-0.001	68167548	0.7976	105.5- 145.5	173.9	M
1	3	10.023	10.021	0.002	68088453	0.9230	90.3- 130.3	173.7	M
1	4	10.603	10.605	-0.002	108899183	1.10	116.9- 156.9	277.8	M
1	5	11.168	11.170	-0.002	95304588	1.50	64.5- 104.5	243.1	M
			Average of Peak Amounts =			0.9779			
2	100	10.898	10.898	0.000	161727066	0.6092		100.0	M
2	2	11.447	11.448	-0.001	111317261	0.6707	43.7- 83.7	68.8	M
2	3	11.848	11.848	0.000	156685730	0.9137	45.7- 85.7	96.9	M
2	4	12.077	12.077	0.000	244273242	0.9512	80.2- 120.2	151.0	M
2	5	12.461	12.464	-0.003	105618515	0.8639	28.1- 68.1	65.3	M
			Average of Peak Amounts =			0.8017			
						RPD = 19.80			

QC Flag Legend

Review Flags
M - Manually Integrated

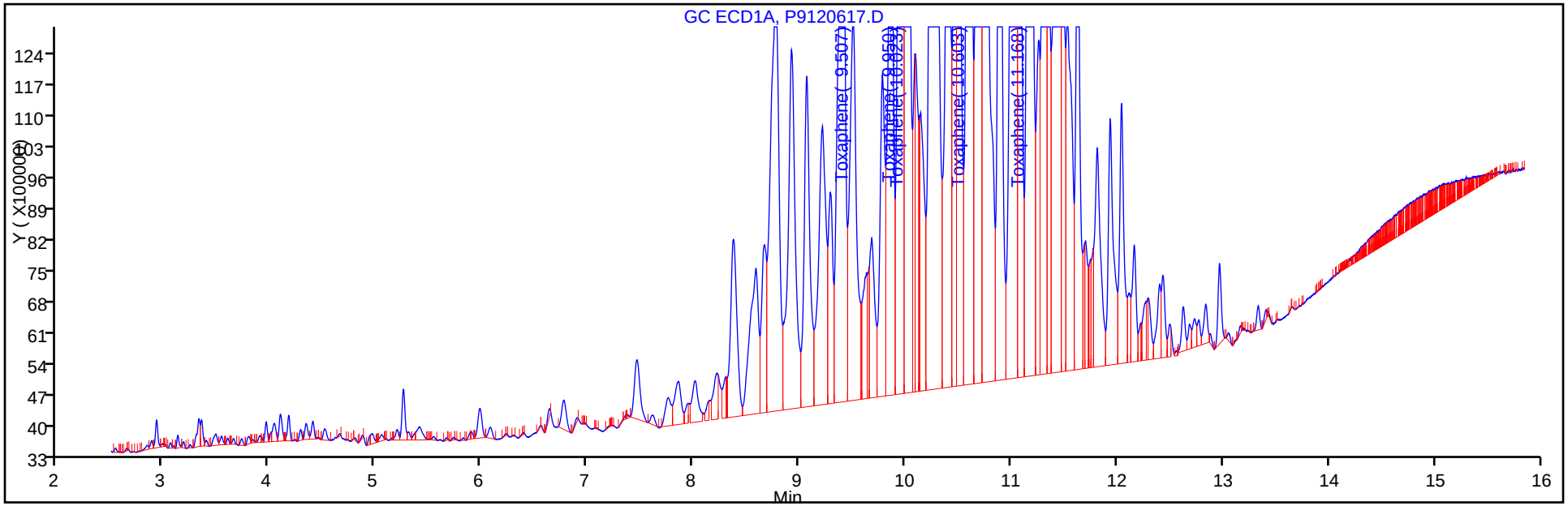
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TestAmerica Canton

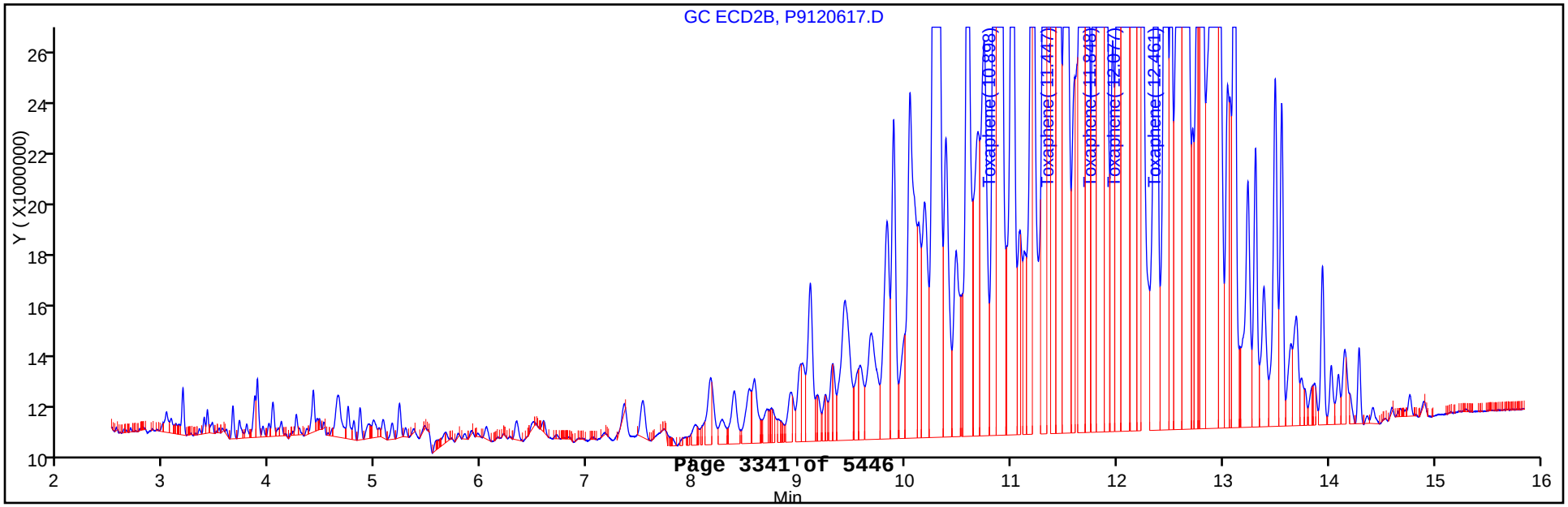
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Injection Date:	06-Dec-2012 16:16:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



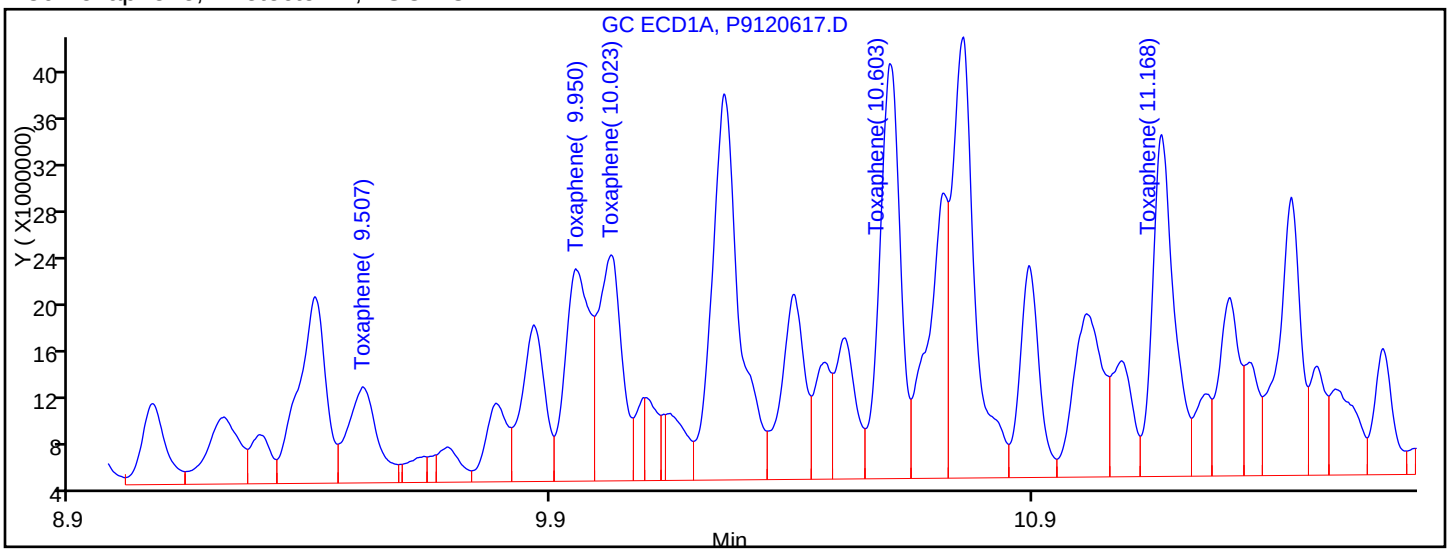
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D

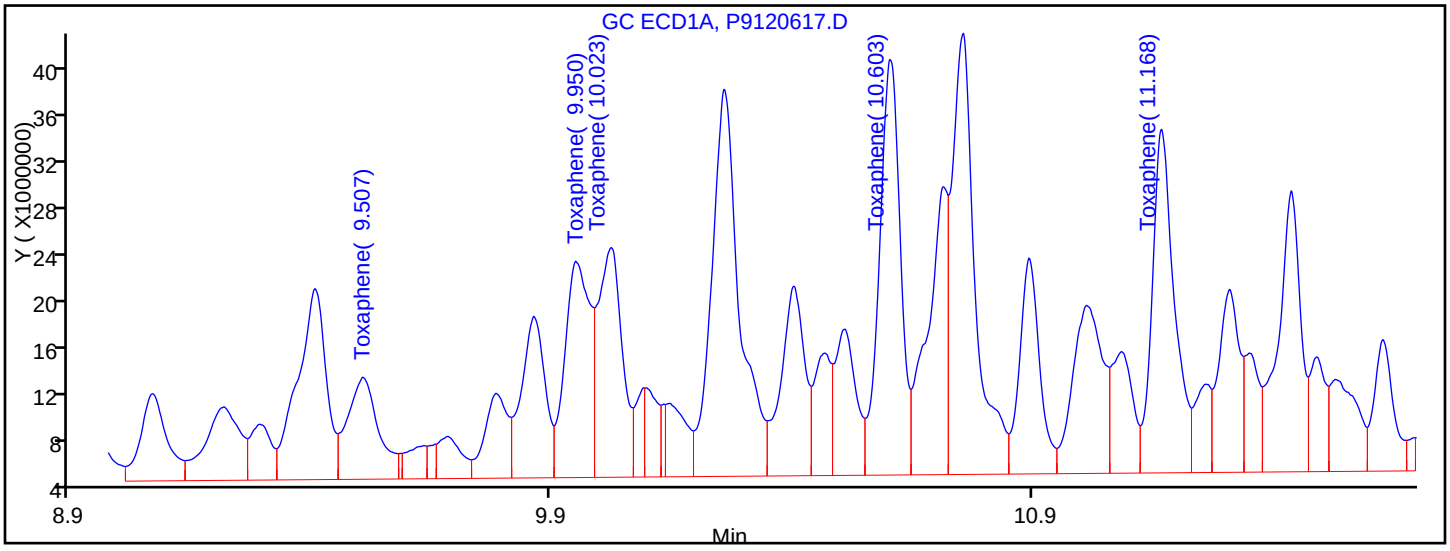
Injection Date:	06-Dec-2012 16:16:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.507	Response = 34282558	M
RT = 9.950	Response = 64878341	M
RT = 10.023	Response = 64930404	M
RT = 10.603	Response = 105162425	M
RT = 11.168	Response = 91153670	M



Manual Integration Results

RT = 9.507	Response = 39207309	M
RT = 9.950	Response = 68167548	M
RT = 10.023	Response = 68088453	M
RT = 10.603	Response = 108899183	M
RT = 11.168	Response = 95304588	M

Reviewer: vandorenc, 07-Dec-2012 07:59:02

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 240-67554/17 Calibration Date: 12/06/2012 16:16

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9120617.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	265485355	161727066		0.609	1.00	-39.1*	20.0
Toxaphene Peak 2	Ave	165982849	111317261		0.671	1.00	-32.9*	20.0
Toxaphene Peak 3	Ave	171487862	156685730		0.914	1.00	-8.6	20.0
Toxaphene Peak 4	Ave	256795996	244273242		0.951	1.00	-4.9	20.0
Toxaphene Peak 5	Ave	122259762	105618515		0.864	1.00	-13.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 240-67554/17 Calibration Date: 12/06/2012 16:16

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9120617.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.90	10.87	10.93
Toxaphene Peak 2	11.45	11.42	11.48
Toxaphene Peak 3	11.85	11.82	11.88
Toxaphene Peak 4	12.08	12.05	12.11
Toxaphene Peak 5	12.46	12.43	12.49

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D
Lims ID: ICV Client ID:
Inject. Date: 06-Dec-2012 16:16:09 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015581-017
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 67554 Lims Sample ID: 17
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:40 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 07:53:37

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.507	9.508	-0.001	39207309	0.5683		100.0	M
1	2	9.950	9.951	-0.001	68167548	0.7976	105.5- 145.5	173.9	M
1	3	10.023	10.021	0.002	68088453	0.9230	90.3- 130.3	173.7	M
1	4	10.603	10.605	-0.002	108899183	1.10	116.9- 156.9	277.8	M
1	5	11.168	11.170	-0.002	95304588	1.50	64.5- 104.5	243.1	M
			Average of Peak Amounts =			0.9779			
2	100	10.898	10.898	0.000	161727066	0.6092		100.0	M
2	2	11.447	11.448	-0.001	111317261	0.6707	43.7- 83.7	68.8	M
2	3	11.848	11.848	0.000	156685730	0.9137	45.7- 85.7	96.9	M
2	4	12.077	12.077	0.000	244273242	0.9512	80.2- 120.2	151.0	M
2	5	12.461	12.464	-0.003	105618515	0.8639	28.1- 68.1	65.3	M
			Average of Peak Amounts =			0.8017			
						RPD = 19.80			

QC Flag Legend

Review Flags
M - Manually Integrated

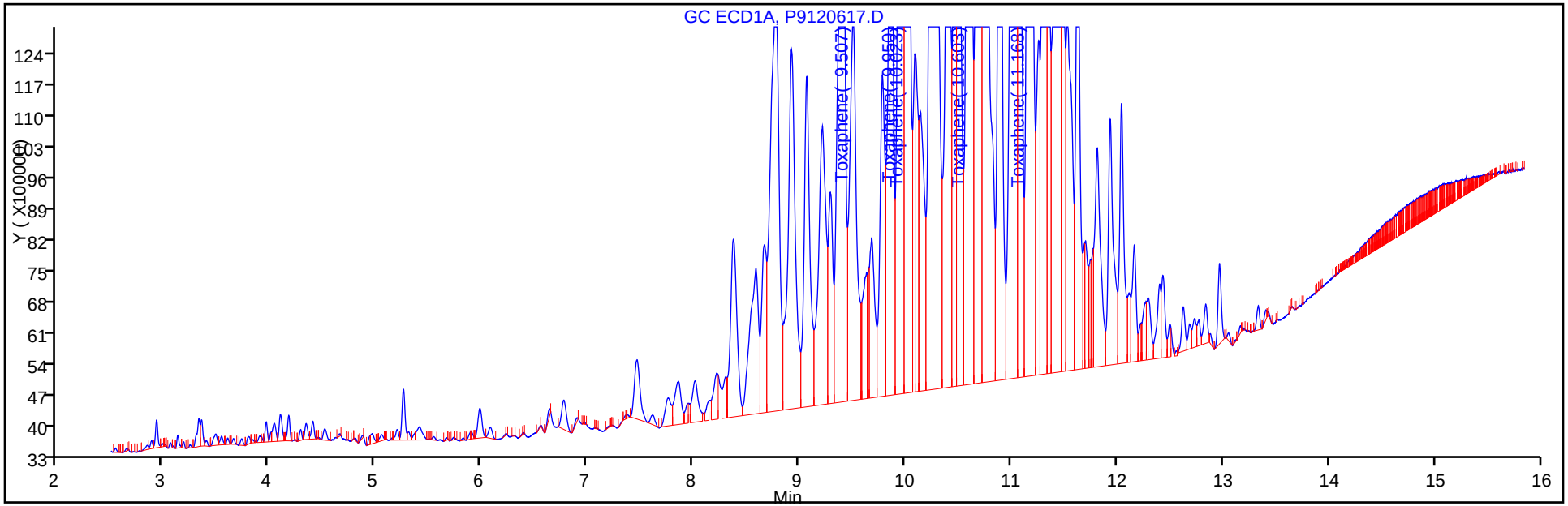
Report Date: 07-Dec-2012 10:25:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

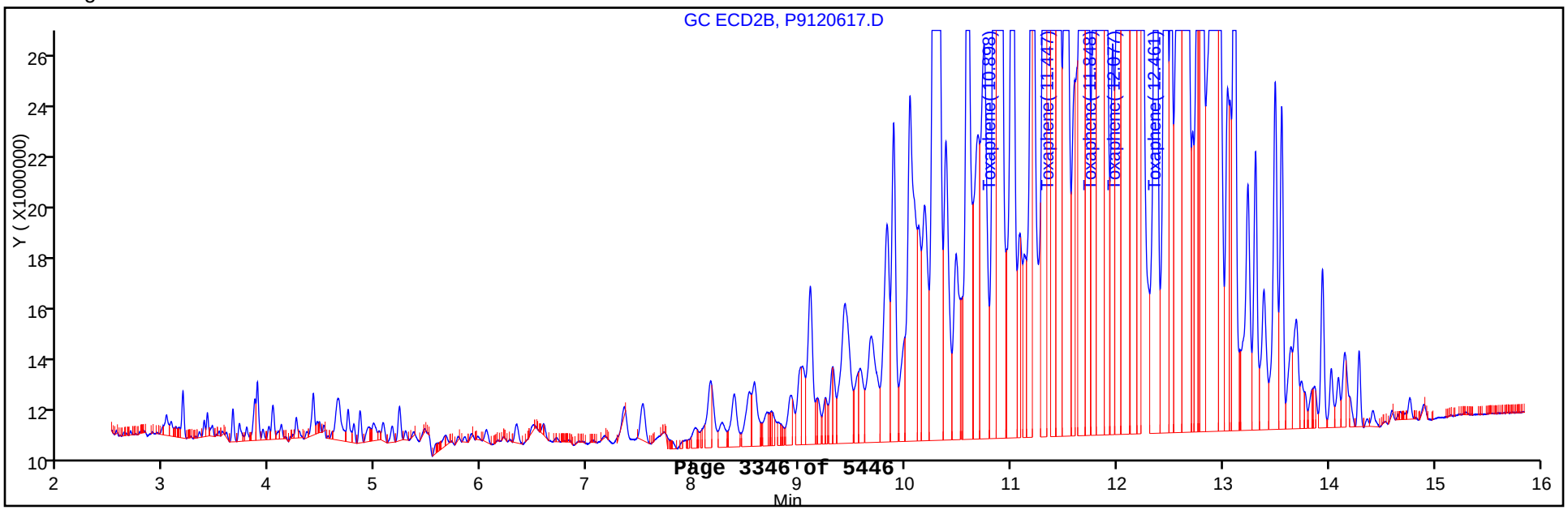
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D

Injection Date:	06-Dec-2012 16:16:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



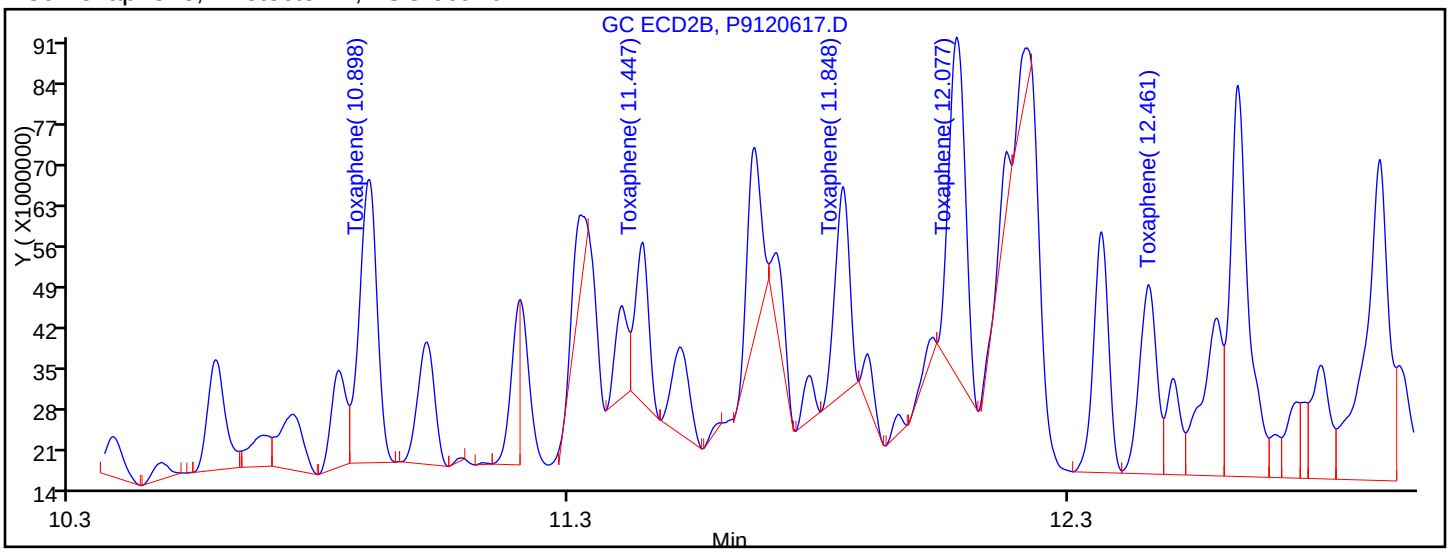
Report Date: 07-Dec-2012 10:25:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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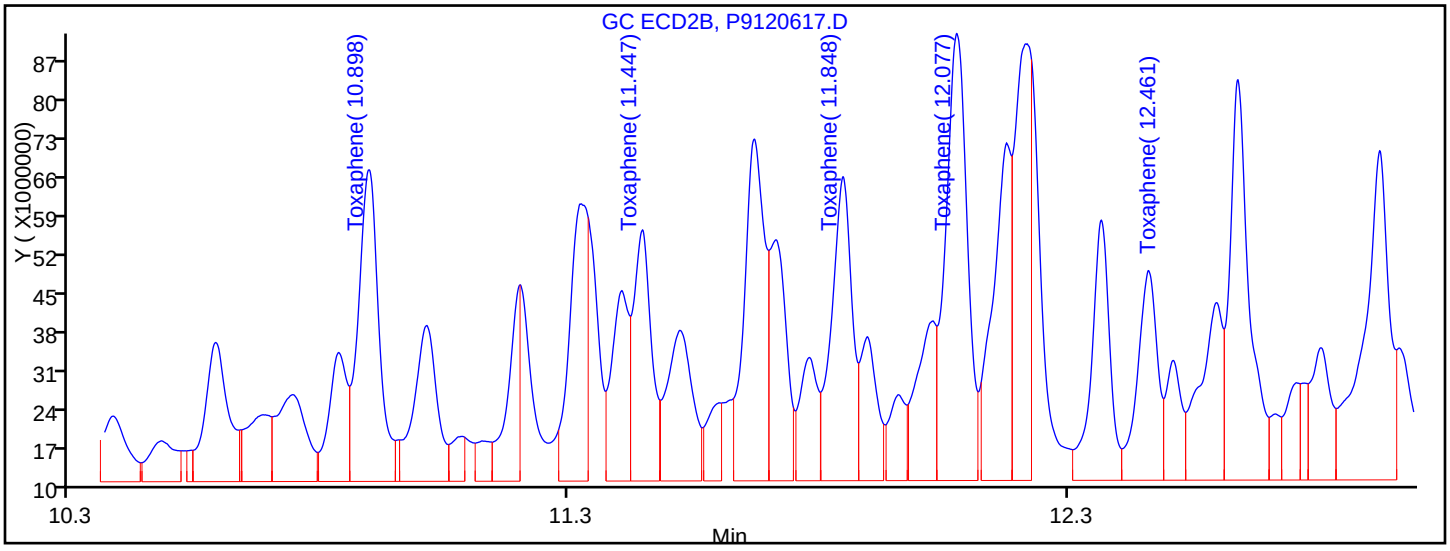
Injection Date:	06-Dec-2012 16:16:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.898	Response = 121603683	M
RT = 11.447	Response = 51303547	M
RT = 11.848	Response = 72063183	M
RT = 12.077	Response = 135665421	M
RT = 12.461	Response = 79499235	M



Manual Integration Results

RT = 10.898	Response = 161727066	M
RT = 11.447	Response = 111317261	M
RT = 11.848	Response = 156685730	M
RT = 12.077	Response = 244273242	M
RT = 12.461	Response = 105618515	M

Reviewer: vandorenc, 07-Dec-2012 07:59:02

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-68628/5 Calibration Date: 12/14/2012 03:03

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121405.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	68992790	77124215		1.12	1.00	11.8	20.0
Toxaphene Peak 2	Ave	85469637	100276306		1.17	1.00	17.3	20.0
Toxaphene Peak 3	Ave	73765512	73313639		0.994	1.00	-0.6	20.0
Toxaphene Peak 4	Ave	98743767	105256251		1.07	1.00	6.6	20.0
Toxaphene Peak 5	Ave	63625849	68375328		1.07	1.00	7.5	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-68628/5 Calibration Date: 12/14/2012 03:03

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121405.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	9.51	9.48	9.54
Toxaphene Peak 2	9.95	9.92	9.98
Toxaphene Peak 3	10.02	9.99	10.05
Toxaphene Peak 4	10.60	10.57	10.63
Toxaphene Peak 5	11.17	11.14	11.20

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121405.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 14-Dec-2012 03:03:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015828-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 68628 Lims Sample ID: 5
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:08:59 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc Date: 14-Dec-2012 11:18:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.507	9.507	0.000	77124215	1.12		100.0	M
1	2	9.953	9.953	0.000	100276306	1.17	105.5- 145.5	130.0	M
1	3	10.019	10.019	0.000	73313639	0.99	90.3- 130.3	95.1	M
1	4	10.604	10.604	0.000	105256251	1.07	116.9- 156.9	136.5	M
1	5	11.168	11.168	0.000	68375328	1.07	64.5- 104.5	88.7	M
			Average of Peak Amounts =			1.09			
2	100	10.894	10.894	0.000	283793374	1.07		100.0	M
2	2	11.442	11.442	0.000	173078185	1.04	43.7- 83.7	61.0	M
2	3	11.843	11.843	0.000	166996279	0.9738	45.7- 85.7	58.8	M
2	4	12.071	12.071	0.000	247586971	0.9641	80.2- 120.2	87.2	M
2	5	12.458	12.458	0.000	110937957	0.9074	28.1- 68.1	39.1	M
			Average of Peak Amounts =			0.99			
						RPD = 9.03			

QC Flag Legend

Review Flags
M - Manually Integrated

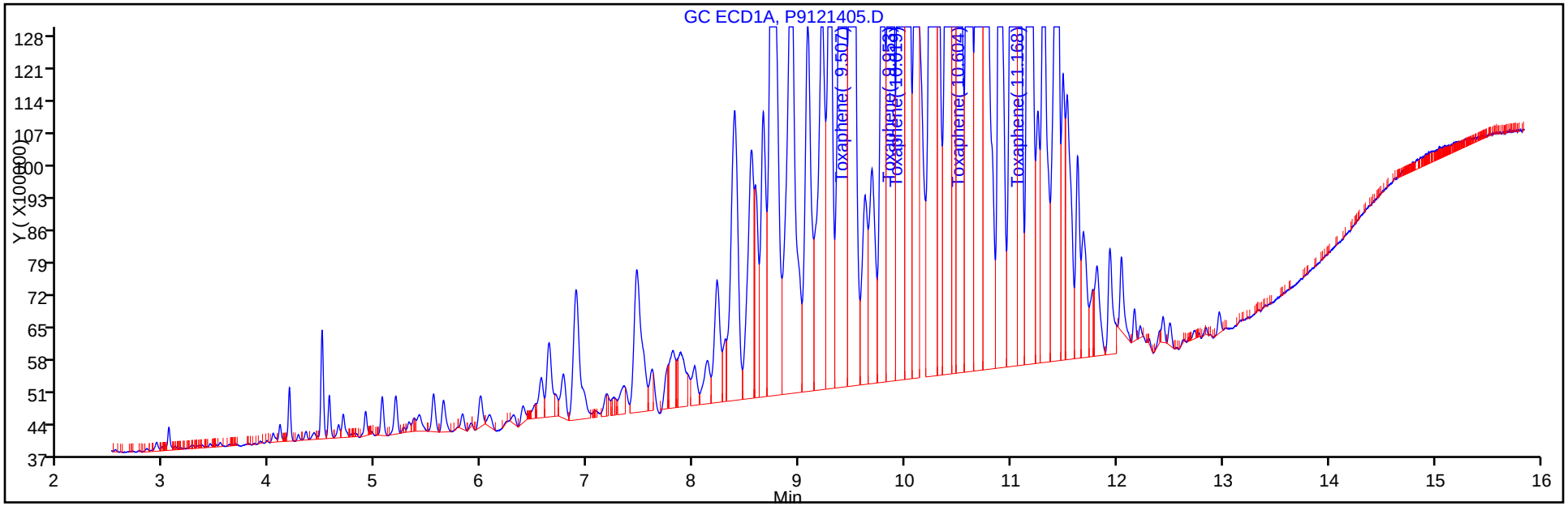
Report Date: 18-Dec-2012 11:08:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

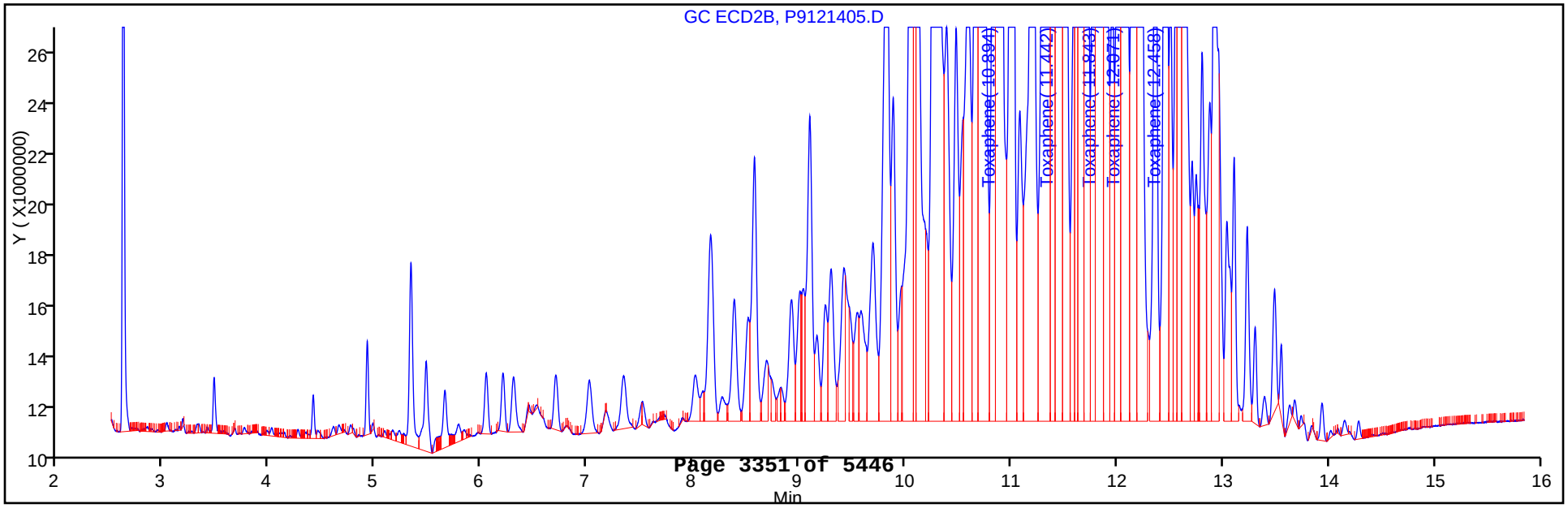
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121405.D

Injection Date:	14-Dec-2012 03:03:53	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



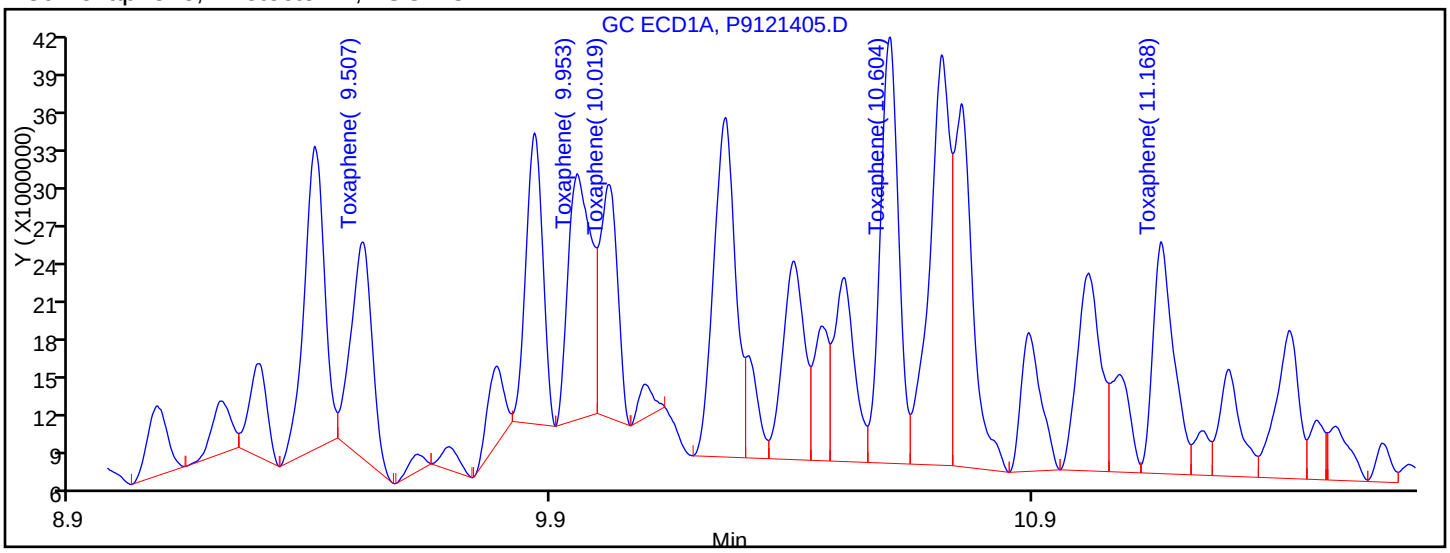
Report Date: 18-Dec-2012 11:09:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121405.D

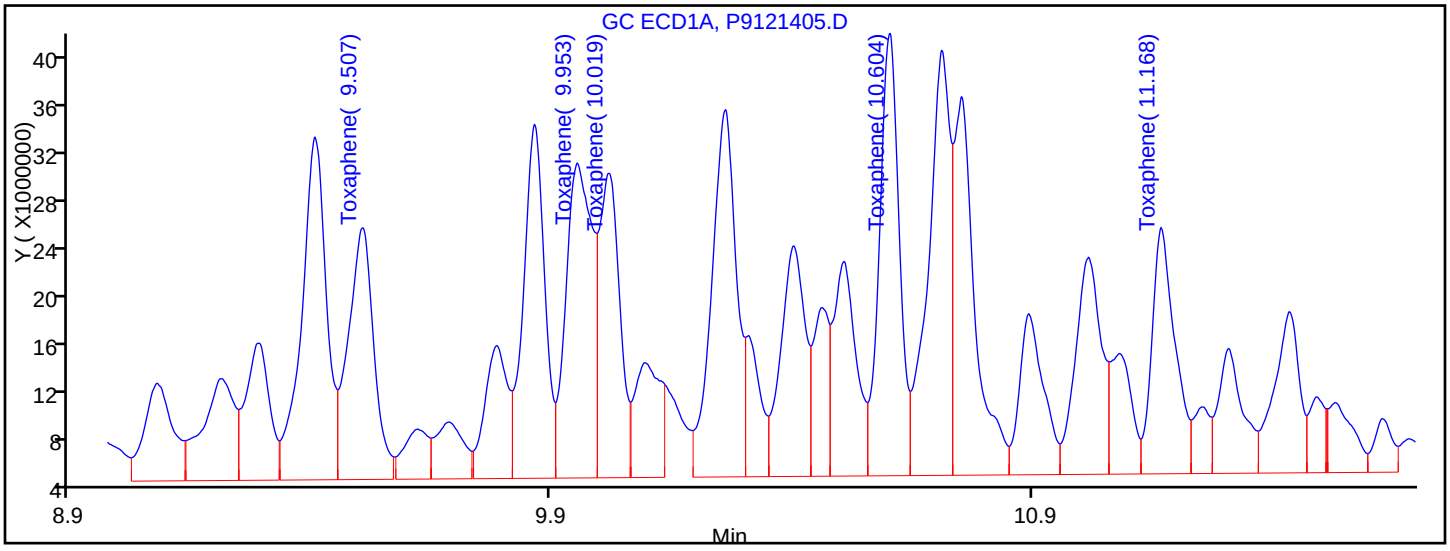
Injection Date:	14-Dec-2012 03:03:53	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.507	Response = 51828703	M
RT = 9.953	Response = 65338514	M
RT = 10.019	Response = 45763212	M
RT = 10.604	Response = 88618017	M
RT = 11.168	Response = 54939037	M



Manual Integration Results

RT = 9.507	Response = 77124215	M
RT = 9.953	Response = 100276306	M
RT = 10.019	Response = 73313639	M
RT = 10.604	Response = 105256251	M
RT = 11.168	Response = 68375328	M

Reviewer: vandorenc, 14-Dec-2012 11:18:31

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-68628/5 Calibration Date: 12/14/2012 03:03

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121405.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	265485355	283793374		1.07	1.00	6.9	20.0
Toxaphene Peak 2	Ave	165982849	173078185		1.04	1.00	4.3	20.0
Toxaphene Peak 3	Ave	171487862	166996279		0.974	1.00	-2.6	20.0
Toxaphene Peak 4	Ave	256795996	247586971		0.964	1.00	-3.6	20.0
Toxaphene Peak 5	Ave	122259762	110937957		0.907	1.00	-9.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-68628/5 Calibration Date: 12/14/2012 03:03

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121405.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.89	10.86	10.92
Toxaphene Peak 2	11.44	11.41	11.47
Toxaphene Peak 3	11.84	11.81	11.87
Toxaphene Peak 4	12.07	12.04	12.10
Toxaphene Peak 5	12.46	12.43	12.49

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121405.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 14-Dec-2012 03:03:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015828-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 68628 Lims Sample ID: 5
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:08:59 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc Date: 14-Dec-2012 11:18:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.507	9.507	0.000	77124215	1.12		100.0	M
1	2	9.953	9.953	0.000	100276306	1.17	105.5- 145.5	130.0	M
1	3	10.019	10.019	0.000	73313639	0.99	90.3- 130.3	95.1	M
1	4	10.604	10.604	0.000	105256251	1.07	116.9- 156.9	136.5	M
1	5	11.168	11.168	0.000	68375328	1.07	64.5- 104.5	88.7	M
			Average of Peak Amounts =			1.09			
2	100	10.894	10.894	0.000	283793374	1.07		100.0	M
2	2	11.442	11.442	0.000	173078185	1.04	43.7- 83.7	61.0	M
2	3	11.843	11.843	0.000	166996279	0.9738	45.7- 85.7	58.8	M
2	4	12.071	12.071	0.000	247586971	0.9641	80.2- 120.2	87.2	M
2	5	12.458	12.458	0.000	110937957	0.9074	28.1- 68.1	39.1	M
			Average of Peak Amounts =			0.99			
						RPD = 9.03			

QC Flag Legend

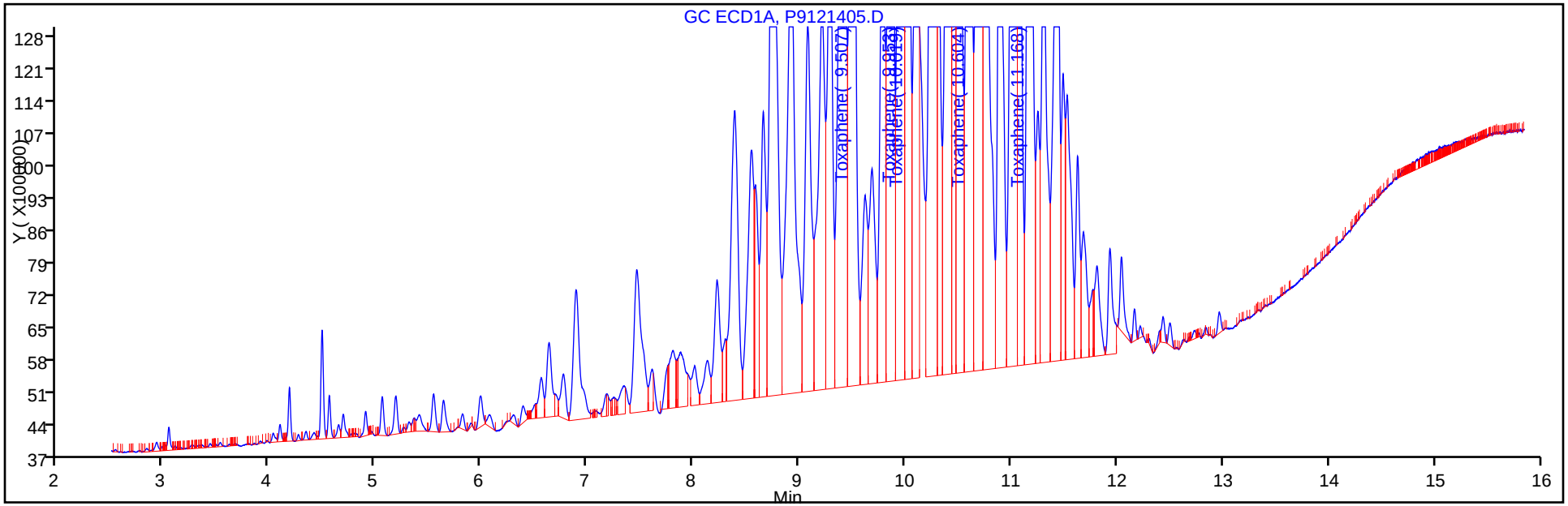
Review Flags
M - Manually Integrated

Report Date: 18-Dec-2012 11:09:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

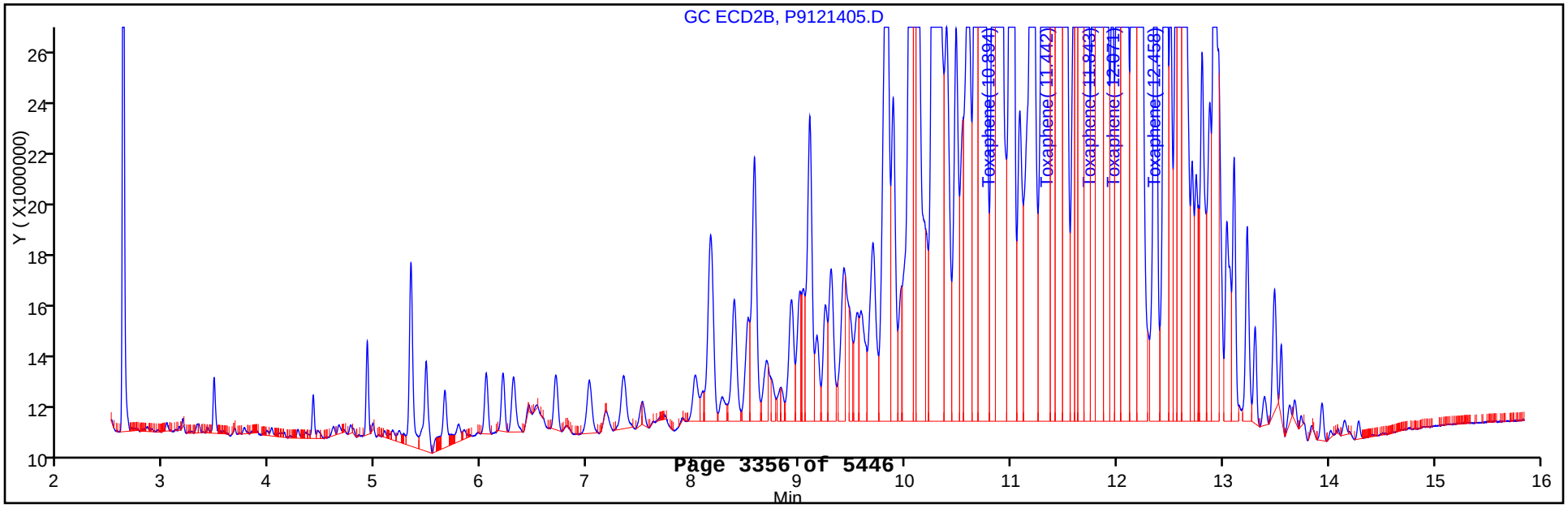
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121405.D		
Injection Date:	14-Dec-2012 03:03:53	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



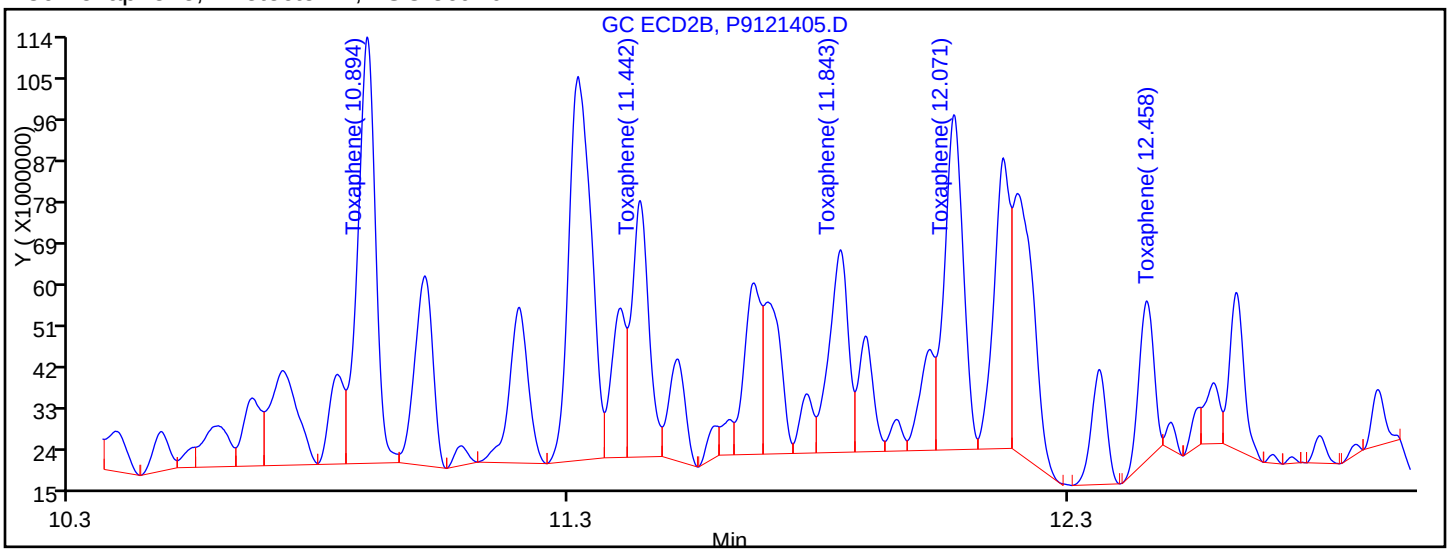
Report Date: 18-Dec-2012 11:09:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121405.D

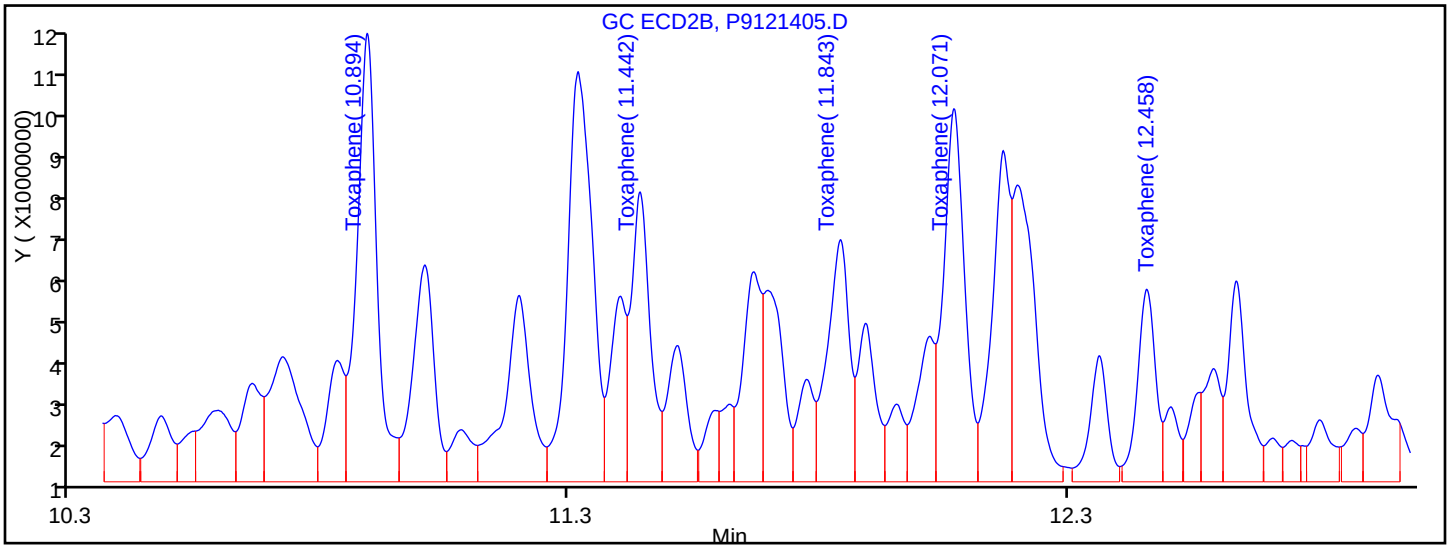
Injection Date:	14-Dec-2012 03:03:53	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.894	Response = 232772673	M
RT = 11.442	Response = 133777890	M
RT = 11.843	Response = 118966487	M
RT = 12.071	Response = 192307019	M
RT = 12.458	Response = 73100701	M



Manual Integration Results

RT = 10.894	Response = 283793374	M
RT = 11.442	Response = 173078185	M
RT = 11.843	Response = 166996279	M
RT = 12.071	Response = 247586971	M
RT = 12.458	Response = 110937957	M

Reviewer: vandorenc, 14-Dec-2012 11:18:31

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-68628/6 Calibration Date: 12/14/2012 03:31

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121406.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3421434316	3335646240		0.0244	0.0250	-2.5	20.0
gamma-BHC (Lindane)	Ave	2913769986	2903197160		0.0249	0.0250	-0.4	20.0
beta-BHC	Ave	1250224244	1253001560		0.0251	0.0250	0.2	20.0
delta-BHC	Ave	3061752536	3074226840		0.0251	0.0250	0.4	20.0
Heptachlor	Ave	2655006807	2806443320		0.0264	0.0250	5.7	20.0
Aldrin	Ave	3189768763	3117469240		0.0244	0.0250	-2.3	20.0
Heptachlor epoxide	Ave	2580951581	2671029720		0.0259	0.0250	3.5	20.0
gamma-Chlordane	Ave	2810352112	2807208800		0.0250	0.0250	-0.1	20.0
alpha-Chlordane	Ave	2914578305	2892010480		0.0248	0.0250	-0.8	20.0
Endosulfan I	Ave	2430184025	2549220120		0.0262	0.0250	4.9	20.0
4,4'-DDE	Ave	2984641558	2990690560		0.0251	0.0250	0.2	20.0
Dieldrin	Ave	2497683571	2645552760		0.0265	0.0250	5.9	20.0
Endrin	Ave	2266106237	2511925760		0.0277	0.0250	10.8	20.0
4,4'-DDD	Ave	1836592891	1981849720		0.0270	0.0250	7.9	20.0
Endosulfan II	Ave	2359969486	2479214280		0.0263	0.0250	5.1	20.0
4,4'-DDT	Ave	1994537456	1928959240		0.0242	0.0250	-3.3	20.0
Endrin aldehyde	Ave	1799719498	1877578960		0.0261	0.0250	4.3	20.0
Methoxychlor	Ave	935306693	962444760		0.0257	0.0250	2.9	20.0
Endosulfan sulfate	Ave	2170510402	2225241280		0.0256	0.0250	2.5	20.0
Endrin ketone	Ave	2244151853	2368705240		0.0264	0.0250	5.6	20.0
Tetrachloro-m-xylene	Ave	2591877195	2667970800		0.0257	0.0250	2.9	20.0
DCB Decachlorobiphenyl	Ave	2389162404	2302139840		0.0241	0.0250	-3.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-68628/6 Calibration Date: 12/14/2012 03:31

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121406.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.18	4.15	4.21
gamma-BHC (Lindane)	4.56	4.53	4.59
beta-BHC	4.69	4.66	4.72
delta-BHC	4.91	4.88	4.94
Heptachlor	5.19	5.15	5.22
Aldrin	5.64	5.61	5.67
Heptachlor epoxide	6.87	6.84	6.90
gamma-Chlordane	7.17	7.14	7.20
alpha-Chlordane	7.52	7.49	7.55
Endosulfan I	7.80	7.77	7.83
4,4'-DDE	7.90	7.87	7.93
Dieldrin	8.37	8.34	8.40
Endrin	8.82	8.79	8.85
4,4'-DDD	9.19	9.16	9.22
Endosulfan II	9.28	9.25	9.31
4,4'-DDT	9.71	9.68	9.74
Endrin aldehyde	10.07	10.04	10.10
Methoxychlor	10.66	10.63	10.69
Endosulfan sulfate	10.79	10.76	10.82
Endrin ketone	11.19	11.16	11.22
Tetrachloro-m-xylene	3.50	3.47	3.53
DCB Decachlorobiphenyl	12.80	12.77	12.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121406.D
Lims ID: CCV AB 3 Client ID:
Inject. Date: 14-Dec-2012 03:31:19 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015828-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 68628 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:01 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.500	3.500	0.000	66699270	0.0257			
2	100	4.091	4.091	0.000	196666538	0.0254			
						RPD = 1.11			
5 alpha-BHC									
1	100	4.183	4.183	0.000	83391156	0.0244			
2	100	4.918	4.918	0.000	258639193	0.0239			
						RPD = 1.76			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	72579929	0.0249			
2	100	5.473	5.473	0.000	221499810	0.0247			
						RPD = 0.92			
7 beta-BHC									
1	100	4.690	4.690	0.000	31325039	0.0251			
2	100	5.650	5.650	0.000	95683313	0.0254			
						RPD = 1.22			
11 delta-BHC									
1	100	4.905	4.905	0.000	76855671	0.0251			
2	100	6.200	6.200	0.000	234656439	0.0249			
						RPD = 0.85			
22 Heptachlor									
1	100	5.185	5.185	0.000	70161083	0.0264			
2	100	6.298	6.298	0.000	204541900	0.0257			
						RPD = 2.76			
4 Aldrin									
1	100	5.637	5.637	0.000	77936731	0.0244			
2	100	7.015	7.015	0.000	216793670	0.0245			
						RPD = 0.25			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.865	6.865	0.000	66775743	0.0259			
2	100	8.500	8.500	0.000	187022793	0.0256			
						RPD = 0.90			
21 gamma-Chlordane									
1	100	7.171	7.171	0.000	70180220	0.0250			
2	100	8.928	8.928	0.000	187440175	0.0251			
						RPD = 0.49			
6 alpha-Chlordane									
1	100	7.523	7.523	0.000	72300262	0.0248			
2	100	9.240	9.240	0.000	189325916	0.0250			
						RPD = 0.94			
14 Endosulfan I									
1	100	7.801	7.801	0.000	63730503	0.0262			
2	100	9.302	9.302	0.000	160738759	0.0260			
						RPD = 1.05			
2 4,4'-DDE									
1	100	7.903	7.903	0.000	74767264	0.0251			
2	100	9.701	9.701	0.000	208943314	0.0279			
						RPD = 10.62			
13 Dieldrin									
1	100	8.366	8.366	0.000	66138819	0.0265			
2	100	9.836	9.836	0.000	176209222	0.0259			
						RPD = 2.28			
17 Endrin									
1	100	8.824	8.824	0.000	62798144	0.0277			
2	100	10.360	10.360	0.000	168107166	0.0266			
						RPD = 4.20			
1 4,4'-DDD									
1	100	9.188	9.188	0.000	49546243	0.0270			
2	100	10.730	10.730	0.000	286508402	0.0266			
						RPD = 1.58			
15 Endosulfan II									
1	100	9.275	9.275	0.000	61980357	0.0263			
2	100	10.730	10.730	0.000	286508402	0.0262			
						RPD = 0.29			
3 4,4'-DDT									
1	100	9.709	9.709	0.000	48223981	0.0242			
2	100	11.215	11.215	0.000	113329218	0.0230			
						RPD = 5.03			
18 Endrin aldehyde									
1	100	10.070	10.070	0.000	46939474	0.0261			
2	100	11.304	11.304	0.000	121822290	0.0257			
						RPD = 1.30			
27 Methoxychlor									
1	100	10.659	10.659	0.000	24061119	0.0257			
2	100	12.294	12.294	0.000	55615283	0.0223			
						RPD = 14.05			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.793	10.793	0.000	55631032	0.0256			
2	100	11.737	11.737	0.000	144305750	0.0255			
						RPD = 0.58			
19 Endrin ketone									
1	100	11.193	11.193	0.000	59217631	0.0264			
2	100	12.475	12.475	0.000	142062101	0.0246			
						RPD = 6.90			
$ 10 DCB Decachlorobiphenyl									
1	100	12.804	12.804	0.000	57553496	0.0241			
2	100	14.252	14.252	0.000	138942659	0.0242			
						RPD = 0.54			

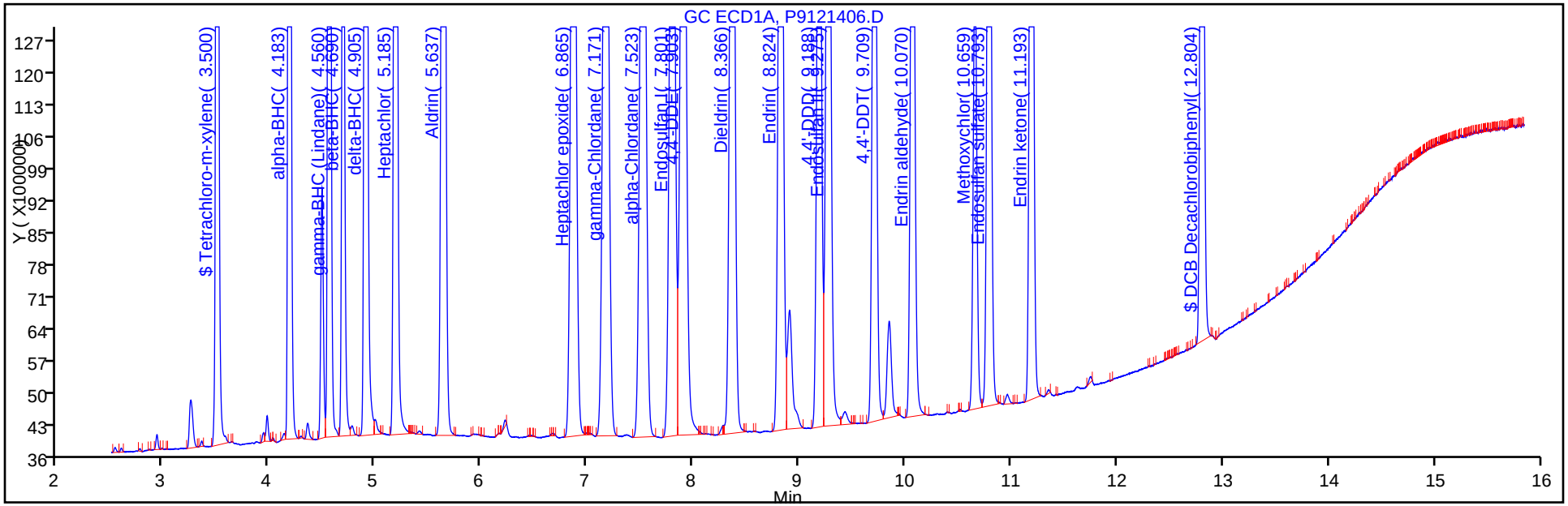
Report Date: 18-Dec-2012 11:09:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

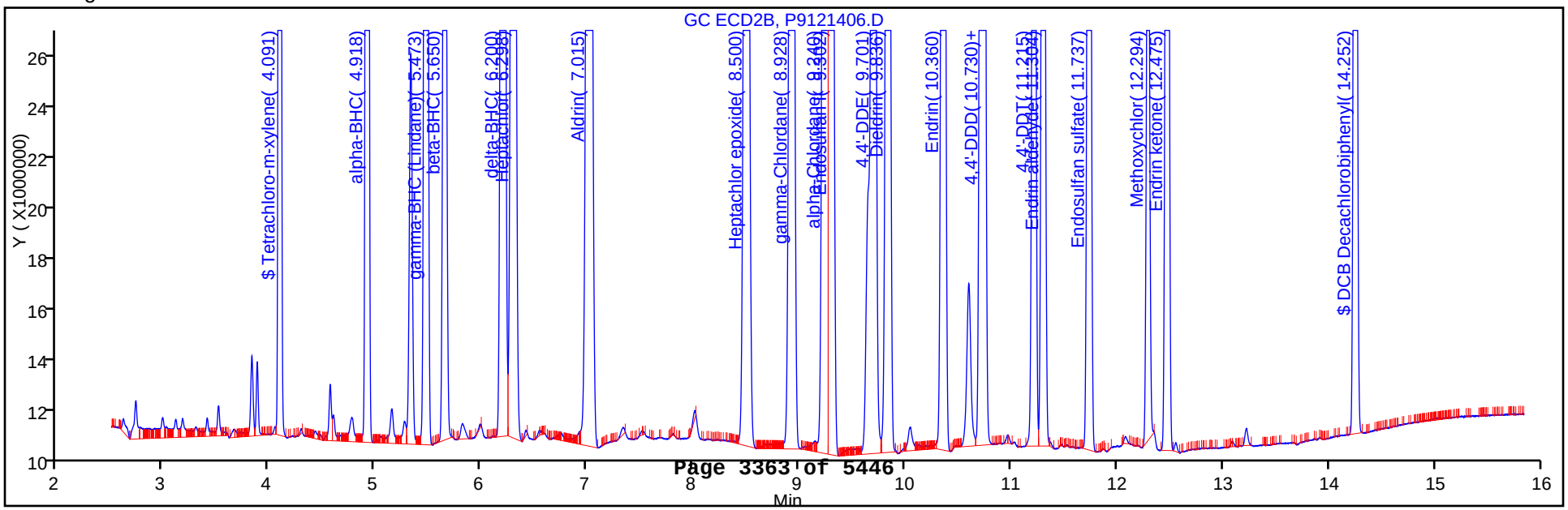
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121406.D

Injection Date:	14-Dec-2012 03:31:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-68628/6 Calibration Date: 12/14/2012 03:31

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121406.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	10799529128	10345567720		0.0239	0.0250	-4.2	20.0
gamma-BHC (Lindane)	Ave	8974140307	8859992400		0.0247	0.0250	-1.3	20.0
beta-BHC	Ave	3772427859	3827332520		0.0254	0.0250	1.5	20.0
delta-BHC	Ave	9427568690	9386257560		0.0249	0.0250	-0.4	20.0
Heptachlor	Ave	7957007710	8181676000		0.0257	0.0250	2.8	20.0
Aldrin	Ave	8850366058	8671746800		0.0245	0.0250	-2.0	20.0
Heptachlor epoxide	Ave	7294024537	7480911720		0.0256	0.0250	2.6	20.0
gamma-Chlordane	Ave	7469037572	7497607000		0.0251	0.0250	0.4	20.0
alpha-Chlordane	Ave	7560544032	7573036640		0.0250	0.0250	0.2	20.0
Endosulfan I	Ave	6193816738	6429550360		0.0260	0.0250	3.8	20.0
4,4'-DDE	Ave	7499608111	8357732560		0.0279	0.0250	11.4	20.0
Dieldrin	Ave	6807572539	7048368880		0.0259	0.0250	3.5	20.0
Endrin	Ave	6326640752	6724286640		0.0266	0.0250	6.3	20.0
4,4'-DDD	Ave	10789989010	11460336080		0.0266	0.0250	6.2	20.0
Endosulfan II	Ave	10941323443	11460336080		0.0262	0.0250	4.7	20.0
4,4'-DDT	Ave	4929043014	4533168720		0.0230	0.0250	-8.0	20.0
Endrin aldehyde	Ave	4731747302	4872891600		0.0257	0.0250	3.0	20.0
Endosulfan sulfate	Ave	5662882600	5772230000		0.0255	0.0250	1.9	20.0
Methoxychlor	Ave	2488628073	2224611320		0.0223	0.0250	-10.6	20.0
Endrin ketone	Ave	5768215223	5682484040		0.0246	0.0250	-1.5	20.0
Tetrachloro-m-xylene	Ave	7727951763	7866661520		0.0254	0.0250	1.8	20.0
DCB Decachlorobiphenyl	Ave	5736711069	5557706360		0.0242	0.0250	-3.1	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-68628/6 Calibration Date: 12/14/2012 03:31

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121406.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.92	4.89	4.95
gamma-BHC (Lindane)	5.47	5.44	5.50
beta-BHC	5.65	5.62	5.68
delta-BHC	6.20	6.17	6.23
Heptachlor	6.30	6.26	6.33
Aldrin	7.02	6.99	7.05
Heptachlor epoxide	8.50	8.47	8.53
gamma-Chlordane	8.93	8.90	8.96
alpha-Chlordane	9.24	9.21	9.27
Endosulfan I	9.30	9.27	9.33
4,4'-DDE	9.70	9.67	9.73
Dieldrin	9.84	9.81	9.87
Endrin	10.36	10.33	10.39
4,4'-DDD	10.73	10.70	10.76
Endosulfan II	10.73	10.70	10.76
4,4'-DDT	11.22	11.19	11.25
Endrin aldehyde	11.30	11.27	11.33
Endosulfan sulfate	11.74	11.71	11.77
Methoxychlor	12.29	12.26	12.32
Endrin ketone	12.48	12.45	12.51
Tetrachloro-m-xylene	4.09	4.06	4.12
DCB Decachlorobiphenyl	14.25	14.22	14.28

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121406.D
Lims ID: CCV AB 3 Client ID:
Inject. Date: 14-Dec-2012 03:31:19 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015828-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 68628 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:01 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.500	3.500	0.000	66699270	0.0257			
2	100	4.091	4.091	0.000	196666538	0.0254			
						RPD = 1.11			
5 alpha-BHC									
1	100	4.183	4.183	0.000	83391156	0.0244			
2	100	4.918	4.918	0.000	258639193	0.0239			
						RPD = 1.76			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	72579929	0.0249			
2	100	5.473	5.473	0.000	221499810	0.0247			
						RPD = 0.92			
7 beta-BHC									
1	100	4.690	4.690	0.000	31325039	0.0251			
2	100	5.650	5.650	0.000	95683313	0.0254			
						RPD = 1.22			
11 delta-BHC									
1	100	4.905	4.905	0.000	76855671	0.0251			
2	100	6.200	6.200	0.000	234656439	0.0249			
						RPD = 0.85			
22 Heptachlor									
1	100	5.185	5.185	0.000	70161083	0.0264			
2	100	6.298	6.298	0.000	204541900	0.0257			
						RPD = 2.76			
4 Aldrin									
1	100	5.637	5.637	0.000	77936731	0.0244			
2	100	7.015	7.015	0.000	216793670	0.0245			
						RPD = 0.25			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.865	6.865	0.000	66775743	0.0259			
2	100	8.500	8.500	0.000	187022793	0.0256			
						RPD = 0.90			
21 gamma-Chlordane									
1	100	7.171	7.171	0.000	70180220	0.0250			
2	100	8.928	8.928	0.000	187440175	0.0251			
						RPD = 0.49			
6 alpha-Chlordane									
1	100	7.523	7.523	0.000	72300262	0.0248			
2	100	9.240	9.240	0.000	189325916	0.0250			
						RPD = 0.94			
14 Endosulfan I									
1	100	7.801	7.801	0.000	63730503	0.0262			
2	100	9.302	9.302	0.000	160738759	0.0260			
						RPD = 1.05			
2 4,4'-DDE									
1	100	7.903	7.903	0.000	74767264	0.0251			
2	100	9.701	9.701	0.000	208943314	0.0279			
						RPD = 10.62			
13 Dieldrin									
1	100	8.366	8.366	0.000	66138819	0.0265			
2	100	9.836	9.836	0.000	176209222	0.0259			
						RPD = 2.28			
17 Endrin									
1	100	8.824	8.824	0.000	62798144	0.0277			
2	100	10.360	10.360	0.000	168107166	0.0266			
						RPD = 4.20			
1 4,4'-DDD									
1	100	9.188	9.188	0.000	49546243	0.0270			
2	100	10.730	10.730	0.000	286508402	0.0266			
						RPD = 1.58			
15 Endosulfan II									
1	100	9.275	9.275	0.000	61980357	0.0263			
2	100	10.730	10.730	0.000	286508402	0.0262			
						RPD = 0.29			
3 4,4'-DDT									
1	100	9.709	9.709	0.000	48223981	0.0242			
2	100	11.215	11.215	0.000	113329218	0.0230			
						RPD = 5.03			
18 Endrin aldehyde									
1	100	10.070	10.070	0.000	46939474	0.0261			
2	100	11.304	11.304	0.000	121822290	0.0257			
						RPD = 1.30			
27 Methoxychlor									
1	100	10.659	10.659	0.000	24061119	0.0257			
2	100	12.294	12.294	0.000	55615283	0.0223			
						RPD = 14.05			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.793	10.793	0.000	55631032	0.0256			
2	100	11.737	11.737	0.000	144305750	0.0255			
						RPD = 0.58			
19 Endrin ketone									
1	100	11.193	11.193	0.000	59217631	0.0264			
2	100	12.475	12.475	0.000	142062101	0.0246			
						RPD = 6.90			
$ 10 DCB Decachlorobiphenyl									
1	100	12.804	12.804	0.000	57553496	0.0241			
2	100	14.252	14.252	0.000	138942659	0.0242			
						RPD = 0.54			

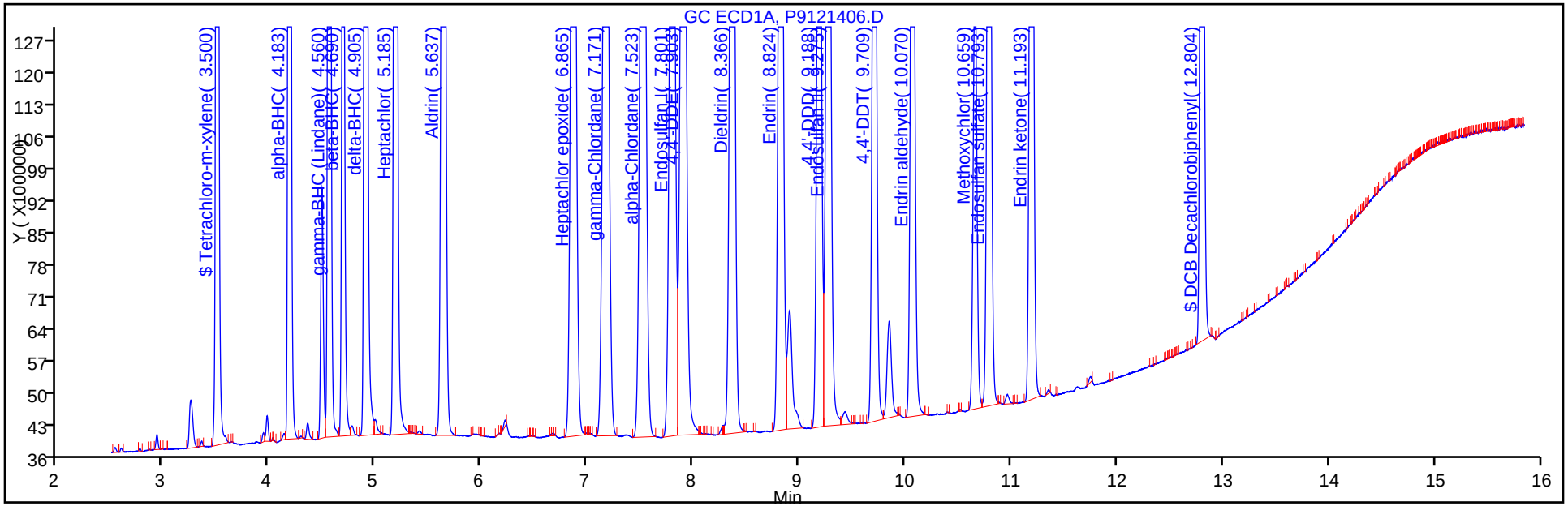
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TestAmerica Canton

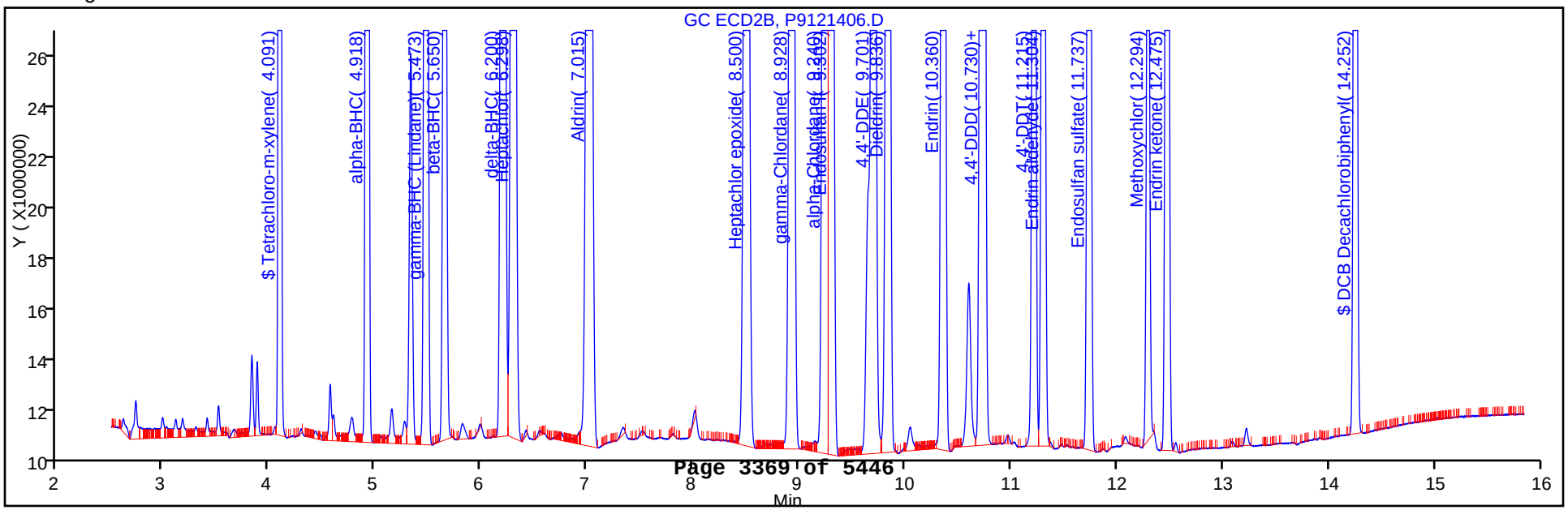
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121406.D

Injection Date:	14-Dec-2012 03:31:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-68628/18 Calibration Date: 12/14/2012 09:00

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121418.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	68992790	69279102		1.00	1.00	0.4	20.0
Toxaphene Peak 2	Ave	85469637	88823297		1.04	1.00	3.9	20.0
Toxaphene Peak 3	Ave	73765512	70438911		0.955	1.00	-4.5	20.0
Toxaphene Peak 4	Ave	98743767	95933213		0.972	1.00	-2.8	20.0
Toxaphene Peak 5	Ave	63625849	57892522		0.910	1.00	-9.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-68628/18 Calibration Date: 12/14/2012 09:00

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121418.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	9.51	9.48	9.54
Toxaphene Peak 2	9.95	9.92	9.98
Toxaphene Peak 3	10.02	9.99	10.05
Toxaphene Peak 4	10.60	10.57	10.63
Toxaphene Peak 5	11.17	11.14	11.20

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121418.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 14-Dec-2012 09:00:56 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015828-018
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 68628 Lims Sample ID: 18
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:12 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc Date: 18-Dec-2012 11:06:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.506	9.506	0.000	69279102	1.00		100.0	M
1	2	9.952	9.952	0.000	88823297	1.04	105.5- 145.5	128.2	M
1	3	10.018	10.018	0.000	70438911	0.9549	90.3- 130.3	101.7	M
1	4	10.603	10.603	0.000	95933213	0.9715	116.9- 156.9	138.5	M
1	5	11.168	11.168	0.000	57892522	0.9099	64.5- 104.5	83.6	M
			Average of Peak Amounts =			0.9759			
2	100	10.895	10.895	0.000	241386833	0.9092		100.0	M
2	2	11.442	11.442	0.000	146296191	0.8814	43.7- 83.7	60.6	M
2	3	11.845	11.845	0.000	150147671	0.8756	45.7- 85.7	62.2	M
2	4	12.072	12.072	0.000	222060584	0.8647	80.2- 120.2	92.0	M
2	5	12.458	12.458	0.000	101545605	0.8306	28.1- 68.1	42.1	M
			Average of Peak Amounts =			0.8723			
						RPD = 11.22			

QC Flag Legend

Review Flags
M - Manually Integrated

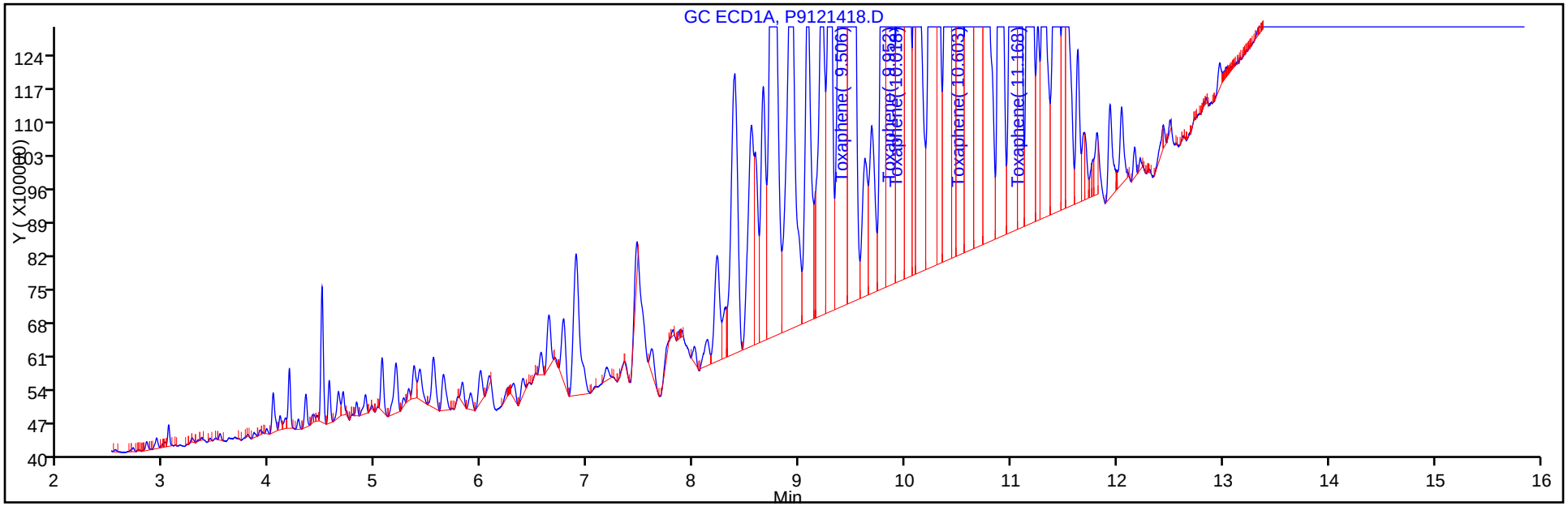
Report Date: 18-Dec-2012 11:09:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

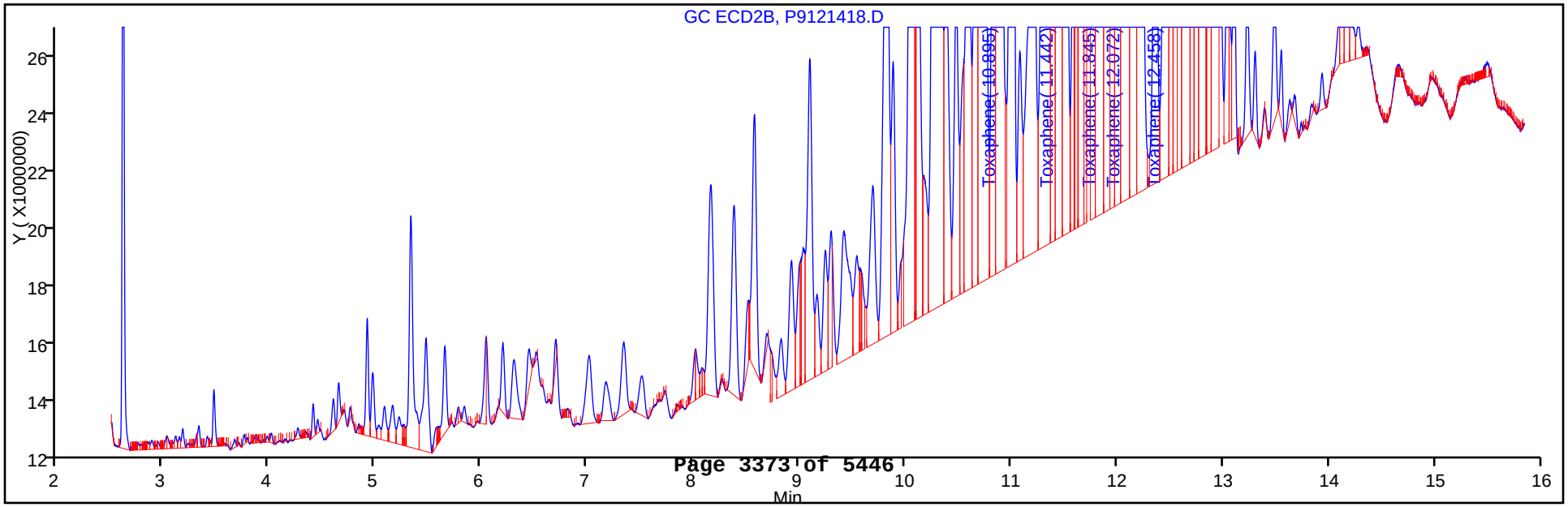
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Injection Date:	14-Dec-2012 09:00:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	18
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



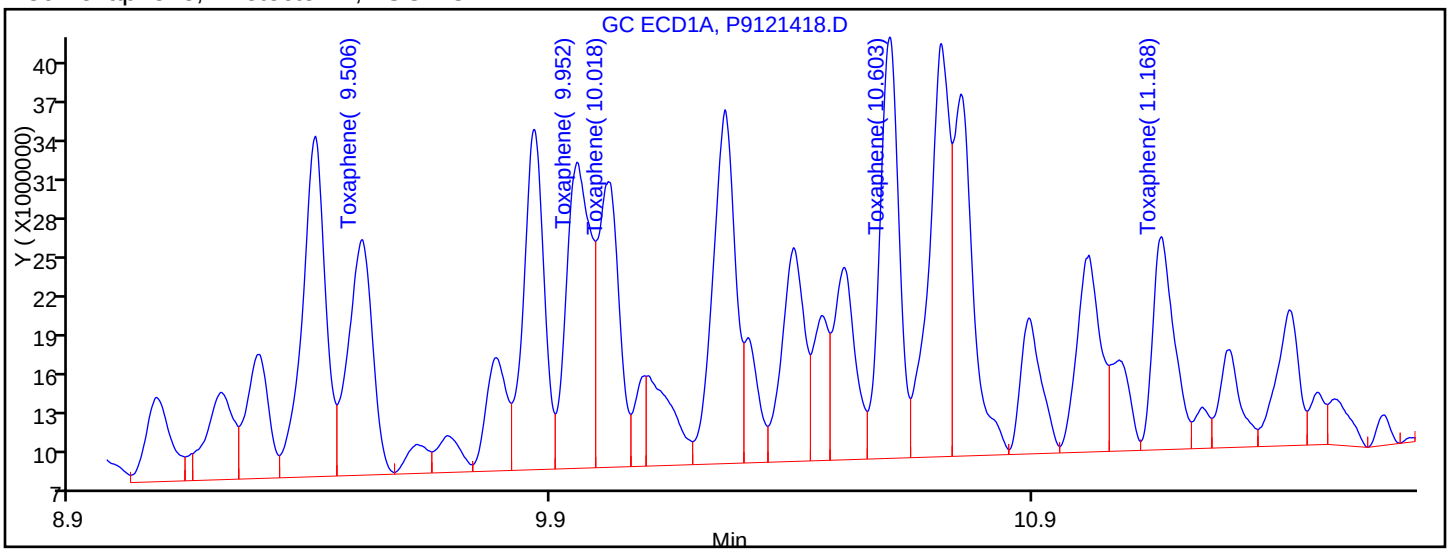
Report Date: 18-Dec-2012 11:09:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121418.D

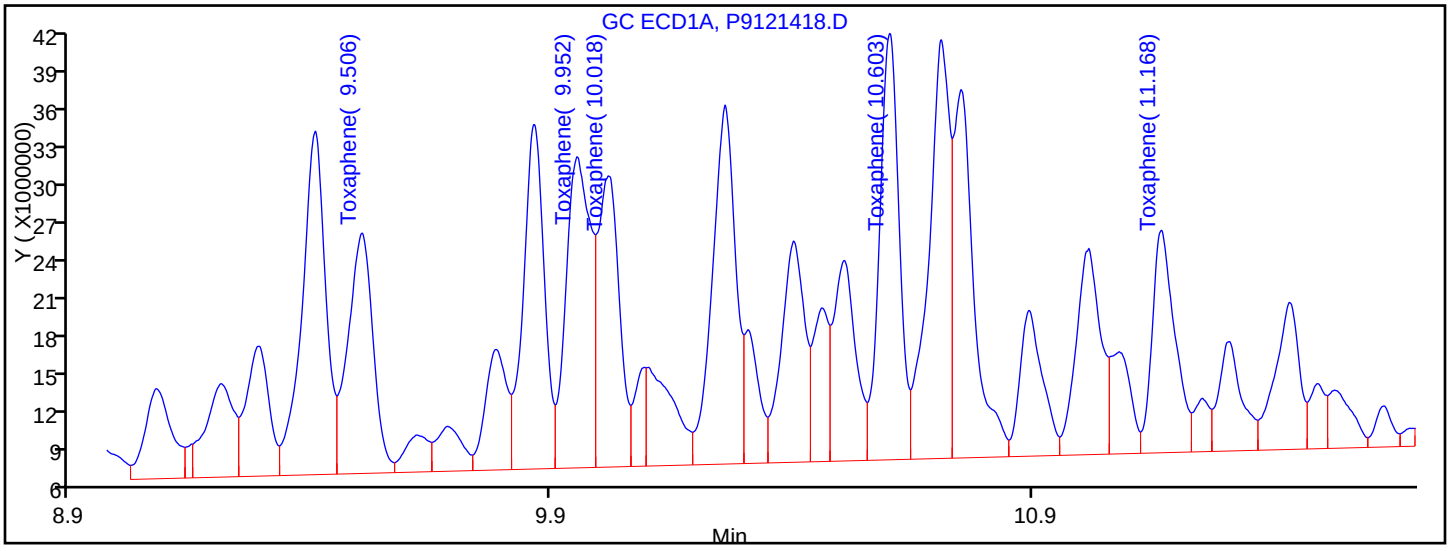
Injection Date:	14-Dec-2012 09:00:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	18
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.506	Response = 64654117	M
RT = 9.952	Response = 85116483	M
RT = 10.018	Response = 67136406	M
RT = 10.603	Response = 91229613	M
RT = 11.168	Response = 51592582	M



Manual Integration Results

RT = 9.506	Response = 69279102	M
RT = 9.952	Response = 88823297	M
RT = 10.018	Response = 70438911	M
RT = 10.603	Response = 95933213	M
RT = 11.168	Response = 57892522	M

Reviewer: vandorenc, 18-Dec-2012 11:06:01

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-68628/18 Calibration Date: 12/14/2012 09:00

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121418.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	265485355	241386833		0.909	1.00	-9.1	20.0
Toxaphene Peak 2	Ave	165982849	146296191		0.881	1.00	-11.9	20.0
Toxaphene Peak 3	Ave	171487862	150147671		0.876	1.00	-12.4	20.0
Toxaphene Peak 4	Ave	256795996	222060584		0.865	1.00	-13.5	20.0
Toxaphene Peak 5	Ave	122259762	101545605		0.831	1.00	-16.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-68628/18 Calibration Date: 12/14/2012 09:00

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9121418.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.90	10.87	10.93
Toxaphene Peak 2	11.44	11.41	11.47
Toxaphene Peak 3	11.85	11.82	11.88
Toxaphene Peak 4	12.07	12.04	12.10
Toxaphene Peak 5	12.46	12.43	12.49

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121418.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 14-Dec-2012 09:00:56 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015828-018
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 68628 Lims Sample ID: 18
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:12 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc Date: 18-Dec-2012 11:06:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.506	9.506	0.000	69279102	1.00		100.0	M
1	2	9.952	9.952	0.000	88823297	1.04	105.5- 145.5	128.2	M
1	3	10.018	10.018	0.000	70438911	0.9549	90.3- 130.3	101.7	M
1	4	10.603	10.603	0.000	95933213	0.9715	116.9- 156.9	138.5	M
1	5	11.168	11.168	0.000	57892522	0.9099	64.5- 104.5	83.6	M
			Average of Peak Amounts =			0.9759			
2	100	10.895	10.895	0.000	241386833	0.9092		100.0	M
2	2	11.442	11.442	0.000	146296191	0.8814	43.7- 83.7	60.6	M
2	3	11.845	11.845	0.000	150147671	0.8756	45.7- 85.7	62.2	M
2	4	12.072	12.072	0.000	222060584	0.8647	80.2- 120.2	92.0	M
2	5	12.458	12.458	0.000	101545605	0.8306	28.1- 68.1	42.1	M
			Average of Peak Amounts =			0.8723			
						RPD = 11.22			

QC Flag Legend

Review Flags
M - Manually Integrated

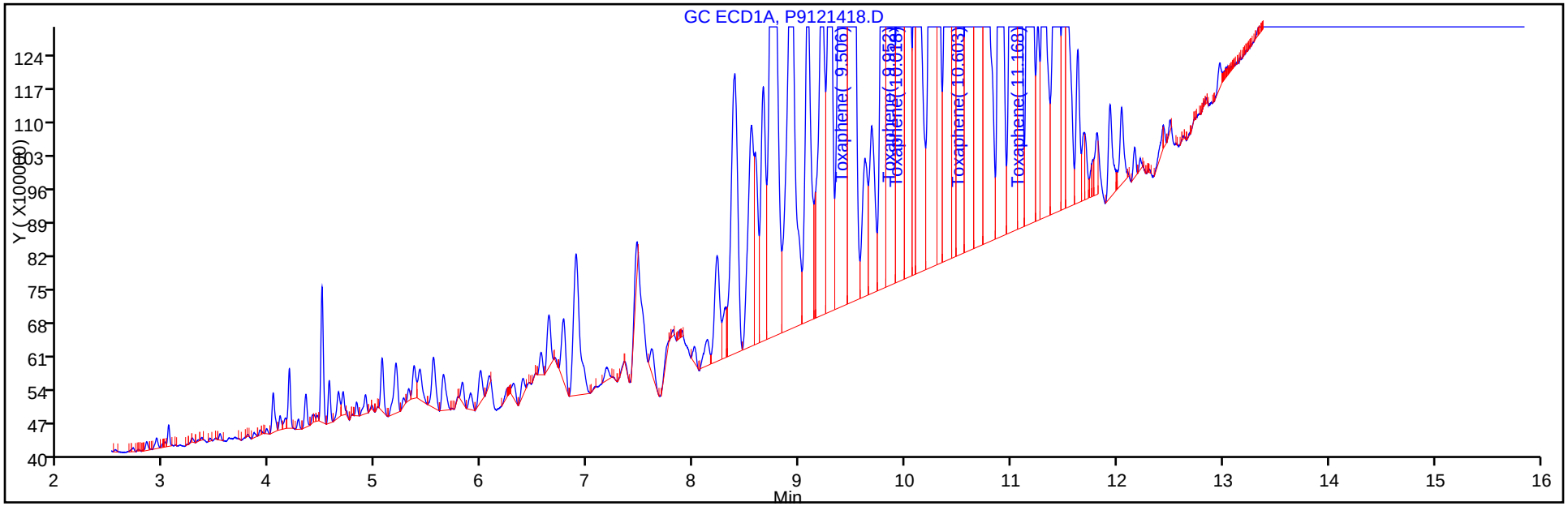
Report Date: 18-Dec-2012 11:09:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

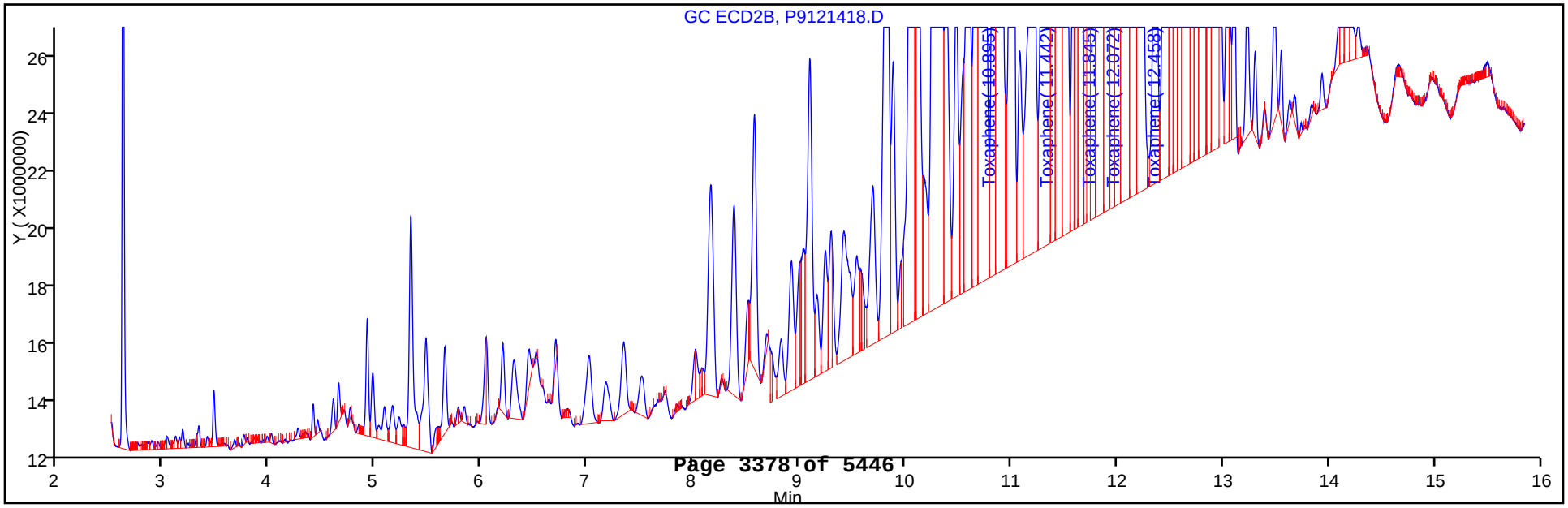
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121418.D

Injection Date:	14-Dec-2012 09:00:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	18
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



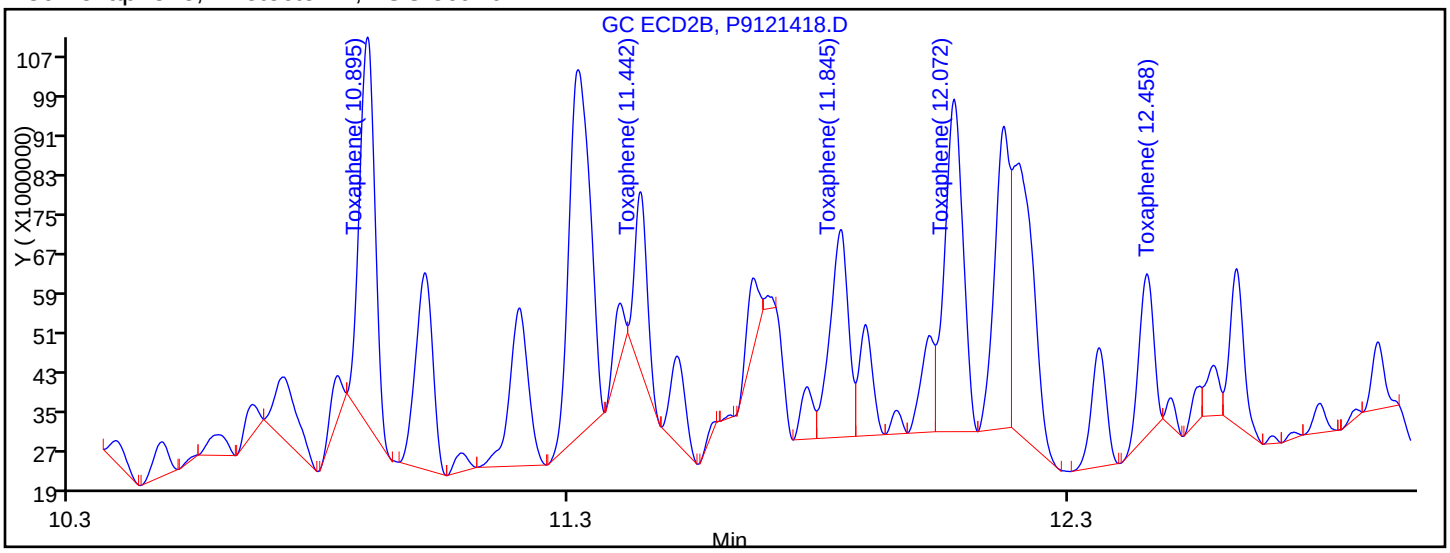
Report Date: 18-Dec-2012 11:09:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121418.D

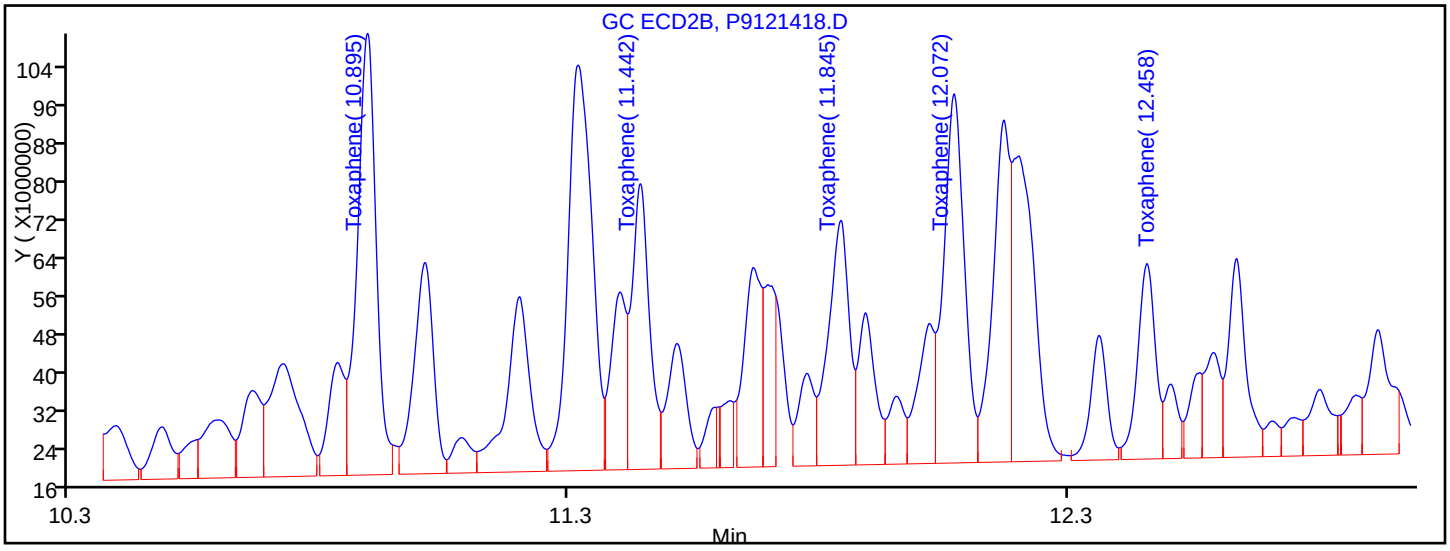
Injection Date:	14-Dec-2012 09:00:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	18
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.895	Response = 170435177	M
RT = 11.442	Response = 61646884	M
RT = 11.845	Response = 108232617	M
RT = 12.072	Response = 173226812	M
RT = 12.458	Response = 67096740	M



Manual Integration Results

RT = 10.895	Response = 241386833	M
RT = 11.442	Response = 146296191	M
RT = 11.845	Response = 150147671	M
RT = 12.072	Response = 222060584	M
RT = 12.458	Response = 101545605	M

Reviewer: vandorenc, 18-Dec-2012 11:06:01

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-68628/19 Calibration Date: 12/14/2012 09:28

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121419.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3421434316	3702081360		0.0271	0.0250	8.2	20.0
gamma-BHC (Lindane)	Ave	2913769986	3104823720		0.0266	0.0250	6.6	20.0
beta-BHC	Ave	1250224244	1341344320		0.0268	0.0250	7.3	20.0
delta-BHC	Ave	3061752536	3390502560		0.0277	0.0250	10.7	20.0
Heptachlor	Ave	2655006807	2941144080		0.0277	0.0250	10.8	20.0
Aldrin	Ave	3189768763	3477017560		0.0273	0.0250	9.0	20.0
Heptachlor epoxide	Ave	2580951581	2833351200		0.0274	0.0250	9.8	20.0
gamma-Chlordane	Ave	2810352112	2968130920		0.0264	0.0250	5.6	20.0
alpha-Chlordane	Ave	2914578305	3077580320		0.0264	0.0250	5.6	20.0
Endosulfan I	Ave	2430184025	2678917280		0.0276	0.0250	10.2	20.0
4,4'-DDE	Ave	2984641558	3396938560		0.0285	0.0250	13.8	20.0
Dieldrin	Ave	2497683571	2776402640		0.0278	0.0250	11.2	20.0
Endrin	Ave	2266106237	2588191920		0.0286	0.0250	14.2	20.0
4,4'-DDD	Ave	1836592891	2083180000		0.0284	0.0250	13.4	20.0
Endosulfan II	Ave	2359969486	2510582280		0.0266	0.0250	6.4	20.0
4,4'-DDT	Ave	1994537456	2031517760		0.0255	0.0250	1.9	20.0
Endrin aldehyde	Ave	1799719498	1912612640		0.0266	0.0250	6.3	20.0
Methoxychlor	Ave	935306693	1004747920		0.0269	0.0250	7.4	20.0
Endosulfan sulfate	Ave	2170510402	2259342360		0.0260	0.0250	4.1	20.0
Endrin ketone	Ave	2244151853	2396718880		0.0267	0.0250	6.8	20.0
Tetrachloro-m-xylene	Ave	2591877195	2747049040		0.0265	0.0250	6.0	20.0
DCB Decachlorobiphenyl	Ave	2389162404	2416737200		0.0253	0.0250	1.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-68628/19 Calibration Date: 12/14/2012 09:28

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121419.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.18	4.15	4.21
gamma-BHC (Lindane)	4.56	4.53	4.59
beta-BHC	4.69	4.66	4.72
delta-BHC	4.90	4.87	4.93
Heptachlor	5.19	5.15	5.22
Aldrin	5.64	5.61	5.67
Heptachlor epoxide	6.86	6.83	6.89
gamma-Chlordane	7.17	7.14	7.20
alpha-Chlordane	7.52	7.49	7.55
Endosulfan I	7.80	7.77	7.83
4,4'-DDE	7.90	7.87	7.93
Dieldrin	8.37	8.34	8.40
Endrin	8.82	8.79	8.85
4,4'-DDD	9.19	9.16	9.22
Endosulfan II	9.27	9.24	9.30
4,4'-DDT	9.71	9.68	9.74
Endrin aldehyde	10.07	10.04	10.10
Methoxychlor	10.66	10.63	10.69
Endosulfan sulfate	10.79	10.76	10.82
Endrin ketone	11.19	11.16	11.22
Tetrachloro-m-xylene	3.50	3.47	3.53
DCB Decachlorobiphenyl	12.80	12.77	12.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121419.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 14-Dec-2012 09:28:14 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015828-019
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 68628 Lims Sample ID: 19
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:14 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.501	0.000	68676226	0.0265			
2	100	4.092	4.092	0.000	200294126	0.0259			
						RPD = 2.21			
5 alpha-BHC									
1	100	4.183	4.183	0.000	92552034	0.0271			
2	100	4.919	4.919	0.000	282832876	0.0262			
						RPD = 3.24			
20 gamma-BHC (Lindane)									
1	100	4.559	4.559	0.000	77620593	0.0266			
2	100	5.474	5.474	0.000	234530733	0.0261			
						RPD = 1.91			
7 beta-BHC									
1	100	4.690	4.690	0.000	33533608	0.0268			
2	100	5.649	5.649	0.000	101633249	0.0269			
						RPD = 0.44			
11 delta-BHC									
1	100	4.904	4.904	0.000	84762564	0.0277			
2	100	6.199	6.199	0.000	254741677	0.0270			
						RPD = 2.43			
22 Heptachlor									
1	100	5.186	5.186	0.000	73528602	0.0277			
2	100	6.299	6.299	0.000	209730156	0.0264			
						RPD = 4.94			
4 Aldrin									
1	100	5.638	5.638	0.000	86925439	0.0273			
2	100	7.015	7.015	0.000	235440536	0.0266			
						RPD = 2.41			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.864	6.864	0.000	70833780	0.0274			
2	100	8.502	8.502	0.000	193726551	0.0266			
						RPD = 3.28			
21 gamma-Chlordane									
1	100	7.172	7.172	0.000	74203273	0.0264			
2	100	8.929	8.929	0.000	190552630	0.0255			
						RPD = 3.43			
6 alpha-Chlordane									
1	100	7.523	7.523	0.000	76939508	0.0264			
2	100	9.241	9.241	0.000	190429188	0.0252			
						RPD = 4.69			
14 Endosulfan I									
1	100	7.799	7.799	0.000	66972932	0.0276			
2	100	9.301	9.301	0.000	161718864	0.0261			
						RPD = 5.40			
2 4,4'-DDE									
1	100	7.903	7.903	0.000	84923464	0.0285			
2	100	9.701	9.701	0.000	204148390	0.0272			
						RPD = 4.43			
13 Dieldrin									
1	100	8.365	8.365	0.000	69410066	0.0278			
2	100	9.837	9.837	0.000	175622335	0.0258			
						RPD = 7.43			
17 Endrin									
1	100	8.824	8.824	0.000	64704798	0.0286			
2	100	10.359	10.359	0.000	160411789	0.0254			
						RPD = 11.87			
1 4,4'-DDD									
1	100	9.187	9.187	0.000	52079500	0.0284			
2	100	10.729	10.729	0.000	274787436	0.0255			
						RPD = 10.74			
15 Endosulfan II									
1	100	9.274	9.274	0.000	62764557	0.0266			
2	100	10.729	10.729	0.000	274787436	0.0251			
						RPD = 5.73			
3 4,4'-DDT									
1	100	9.709	9.709	0.000	50787944	0.0255			
2	100	11.215	11.215	0.000	116131781	0.0236			
						RPD = 7.76			
18 Endrin aldehyde									
1	100	10.069	10.069	0.000	47815316	0.0266			
2	100	11.303	11.303	0.000	113798458	0.0240			
						RPD = 9.95			
27 Methoxychlor									
1	100	10.659	10.659	0.000	25118698	0.0269			
2	100	12.294	12.294	0.000	54655167	0.0220			
						RPD = 20.05			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.791	10.791	0.000	56483559	0.0260			
2	100	11.737	11.737	0.000	134696249	0.0238			
						RPD = 8.98			
19 Endrin ketone									
1	100	11.194	11.194	0.000	59917972	0.0267			
2	100	12.474	12.474	0.000	135618914	0.0235			
						RPD = 12.70			
$ 10 DCB Decachlorobiphenyl									
1	100	12.803	12.803	0.000	60418430	0.0253			
2	100	14.251	14.251	0.000	127901161	0.0223			
						RPD = 12.58			

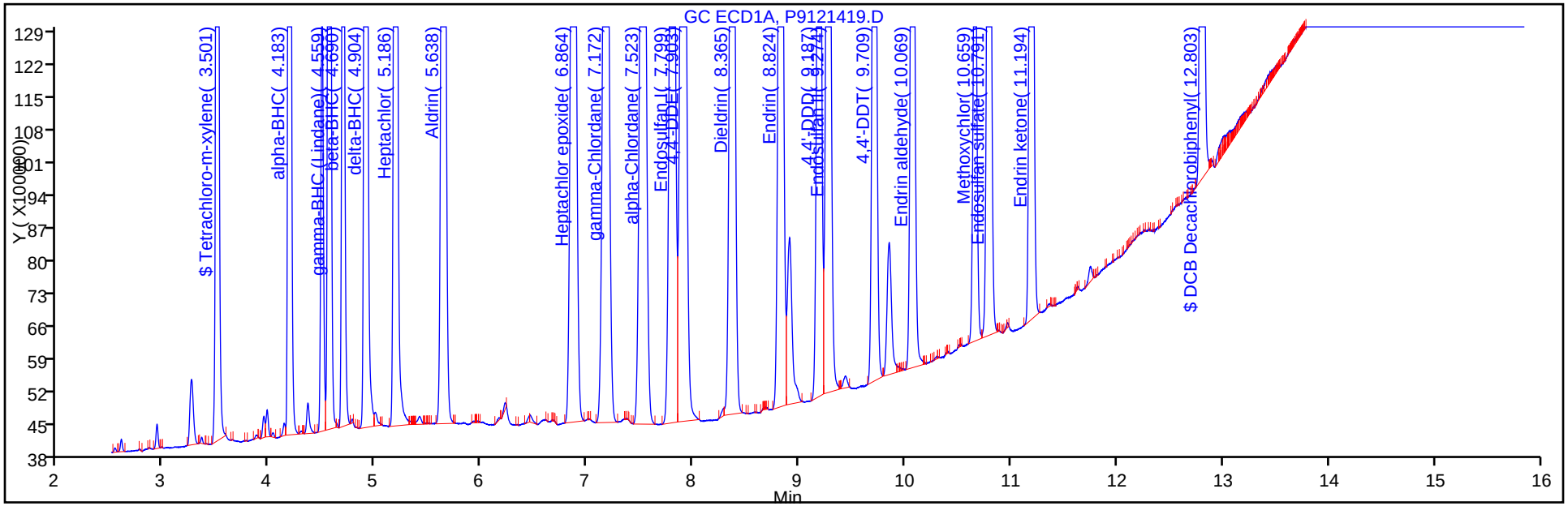
Report Date: 18-Dec-2012 11:09:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

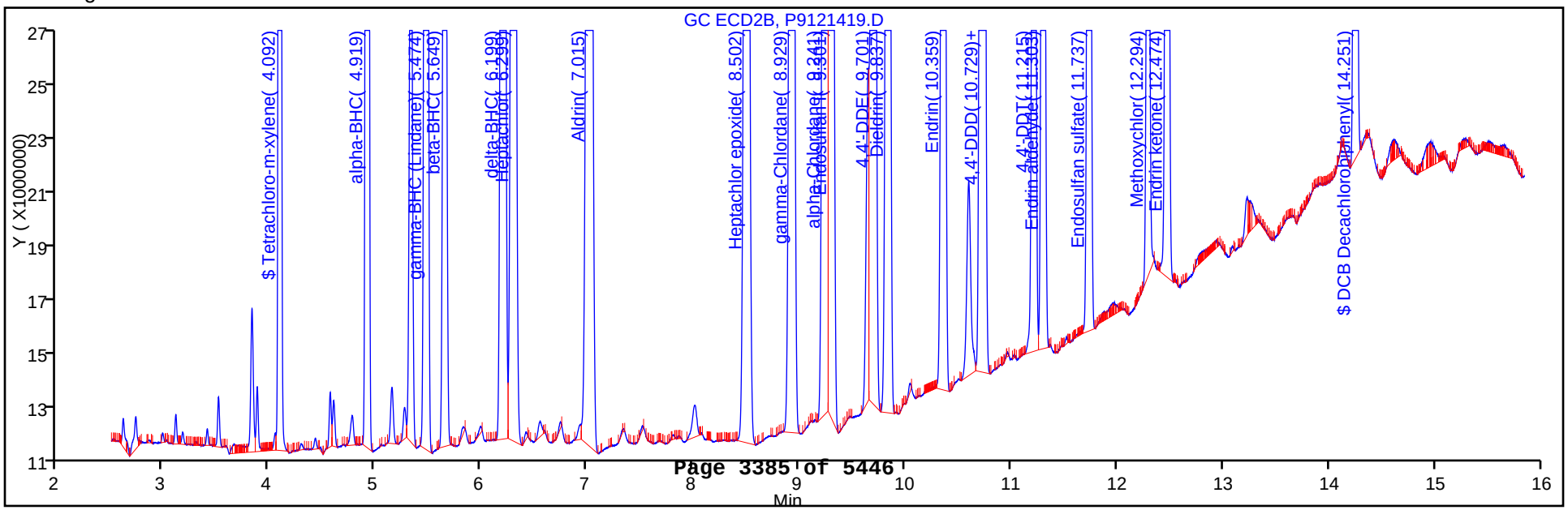
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121419.D

Injection Date:	14-Dec-2012 09:28:14	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-68628/19 Calibration Date: 12/14/2012 09:28

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121419.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	10799529128	11313315040		0.0262	0.0250	4.8	20.0
gamma-BHC (Lindane)	Ave	8974140307	9381229320		0.0261	0.0250	4.5	20.0
beta-BHC	Ave	3772427859	4065329960		0.0269	0.0250	7.8	20.0
delta-BHC	Ave	9427568690	10189667080		0.0270	0.0250	8.1	20.0
Heptachlor	Ave	7957007710	8389206240		0.0264	0.0250	5.4	20.0
Aldrin	Ave	8850366058	9417621440		0.0266	0.0250	6.4	20.0
Heptachlor epoxide	Ave	7294024537	7749062040		0.0266	0.0250	6.2	20.0
gamma-Chlordane	Ave	7469037572	7622105200		0.0255	0.0250	2.0	20.0
alpha-Chlordane	Ave	7560544032	7617167520		0.0252	0.0250	0.7	20.0
Endosulfan I	Ave	6193816738	6468754560		0.0261	0.0250	4.4	20.0
4,4'-DDE	Ave	7499608111	8165935600		0.0272	0.0250	8.9	20.0
Dieldrin	Ave	6807572539	7024893400		0.0258	0.0250	3.2	20.0
Endrin	Ave	6326640752	6416471560		0.0254	0.0250	1.4	20.0
4,4'-DDD	Ave	10789989010	10991497440		0.0255	0.0250	1.9	20.0
Endosulfan II	Ave	10941323443	10991497440		0.0251	0.0250	0.5	20.0
4,4'-DDT	Ave	4929043014	4645271240		0.0236	0.0250	-5.8	20.0
Endrin aldehyde	Ave	4731747302	4551938320		0.0240	0.0250	-3.8	20.0
Endosulfan sulfate	Ave	5662882600	5387849960		0.0238	0.0250	-4.9	20.0
Methoxychlor	Ave	2488628073	2186206680		0.0220	0.0250	-12.2	20.0
Endrin ketone	Ave	5768215223	5424756560		0.0235	0.0250	-6.0	20.0
Tetrachloro-m-xylene	Ave	7727951763	8011765040		0.0259	0.0250	3.7	20.0
DCB Decachlorobiphenyl	Ave	5736711069	5116046440		0.0223	0.0250	-10.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-68628/19 Calibration Date: 12/14/2012 09:28

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 10:48

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 13:08

Lab File ID: P9121419.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.92	4.89	4.95
gamma-BHC (Lindane)	5.47	5.44	5.50
beta-BHC	5.65	5.62	5.68
delta-BHC	6.20	6.17	6.23
Heptachlor	6.30	6.26	6.33
Aldrin	7.02	6.99	7.05
Heptachlor epoxide	8.50	8.47	8.53
gamma-Chlordane	8.93	8.90	8.96
alpha-Chlordane	9.24	9.21	9.27
Endosulfan I	9.30	9.27	9.33
4,4'-DDE	9.70	9.67	9.73
Dieldrin	9.84	9.81	9.87
Endrin	10.36	10.33	10.39
4,4'-DDD	10.73	10.70	10.76
Endosulfan II	10.73	10.70	10.76
4,4'-DDT	11.22	11.19	11.25
Endrin aldehyde	11.30	11.27	11.33
Endosulfan sulfate	11.74	11.71	11.77
Methoxychlor	12.29	12.26	12.32
Endrin ketone	12.47	12.44	12.50
Tetrachloro-m-xylene	4.09	4.06	4.12
DCB Decachlorobiphenyl	14.25	14.22	14.28

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121419.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 14-Dec-2012 09:28:14 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015828-019
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 68628 Lims Sample ID: 19
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:14 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.501	0.000	68676226	0.0265			
2	100	4.092	4.092	0.000	200294126	0.0259			
						RPD = 2.21			
5 alpha-BHC									
1	100	4.183	4.183	0.000	92552034	0.0271			
2	100	4.919	4.919	0.000	282832876	0.0262			
						RPD = 3.24			
20 gamma-BHC (Lindane)									
1	100	4.559	4.559	0.000	77620593	0.0266			
2	100	5.474	5.474	0.000	234530733	0.0261			
						RPD = 1.91			
7 beta-BHC									
1	100	4.690	4.690	0.000	33533608	0.0268			
2	100	5.649	5.649	0.000	101633249	0.0269			
						RPD = 0.44			
11 delta-BHC									
1	100	4.904	4.904	0.000	84762564	0.0277			
2	100	6.199	6.199	0.000	254741677	0.0270			
						RPD = 2.43			
22 Heptachlor									
1	100	5.186	5.186	0.000	73528602	0.0277			
2	100	6.299	6.299	0.000	209730156	0.0264			
						RPD = 4.94			
4 Aldrin									
1	100	5.638	5.638	0.000	86925439	0.0273			
2	100	7.015	7.015	0.000	235440536	0.0266			
						RPD = 2.41			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.864	6.864	0.000	70833780	0.0274			
2	100	8.502	8.502	0.000	193726551	0.0266			
						RPD = 3.28			
21 gamma-Chlordane									
1	100	7.172	7.172	0.000	74203273	0.0264			
2	100	8.929	8.929	0.000	190552630	0.0255			
						RPD = 3.43			
6 alpha-Chlordane									
1	100	7.523	7.523	0.000	76939508	0.0264			
2	100	9.241	9.241	0.000	190429188	0.0252			
						RPD = 4.69			
14 Endosulfan I									
1	100	7.799	7.799	0.000	66972932	0.0276			
2	100	9.301	9.301	0.000	161718864	0.0261			
						RPD = 5.40			
2 4,4'-DDE									
1	100	7.903	7.903	0.000	84923464	0.0285			
2	100	9.701	9.701	0.000	204148390	0.0272			
						RPD = 4.43			
13 Dieldrin									
1	100	8.365	8.365	0.000	69410066	0.0278			
2	100	9.837	9.837	0.000	175622335	0.0258			
						RPD = 7.43			
17 Endrin									
1	100	8.824	8.824	0.000	64704798	0.0286			
2	100	10.359	10.359	0.000	160411789	0.0254			
						RPD = 11.87			
1 4,4'-DDD									
1	100	9.187	9.187	0.000	52079500	0.0284			
2	100	10.729	10.729	0.000	274787436	0.0255			
						RPD = 10.74			
15 Endosulfan II									
1	100	9.274	9.274	0.000	62764557	0.0266			
2	100	10.729	10.729	0.000	274787436	0.0251			
						RPD = 5.73			
3 4,4'-DDT									
1	100	9.709	9.709	0.000	50787944	0.0255			
2	100	11.215	11.215	0.000	116131781	0.0236			
						RPD = 7.76			
18 Endrin aldehyde									
1	100	10.069	10.069	0.000	47815316	0.0266			
2	100	11.303	11.303	0.000	113798458	0.0240			
						RPD = 9.95			
27 Methoxychlor									
1	100	10.659	10.659	0.000	25118698	0.0269			
2	100	12.294	12.294	0.000	54655167	0.0220			
						RPD = 20.05			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.791	10.791	0.000	56483559	0.0260			
2	100	11.737	11.737	0.000	134696249	0.0238			
						RPD = 8.98			
19 Endrin ketone									
1	100	11.194	11.194	0.000	59917972	0.0267			
2	100	12.474	12.474	0.000	135618914	0.0235			
						RPD = 12.70			
$ 10 DCB Decachlorobiphenyl									
1	100	12.803	12.803	0.000	60418430	0.0253			
2	100	14.251	14.251	0.000	127901161	0.0223			
						RPD = 12.58			

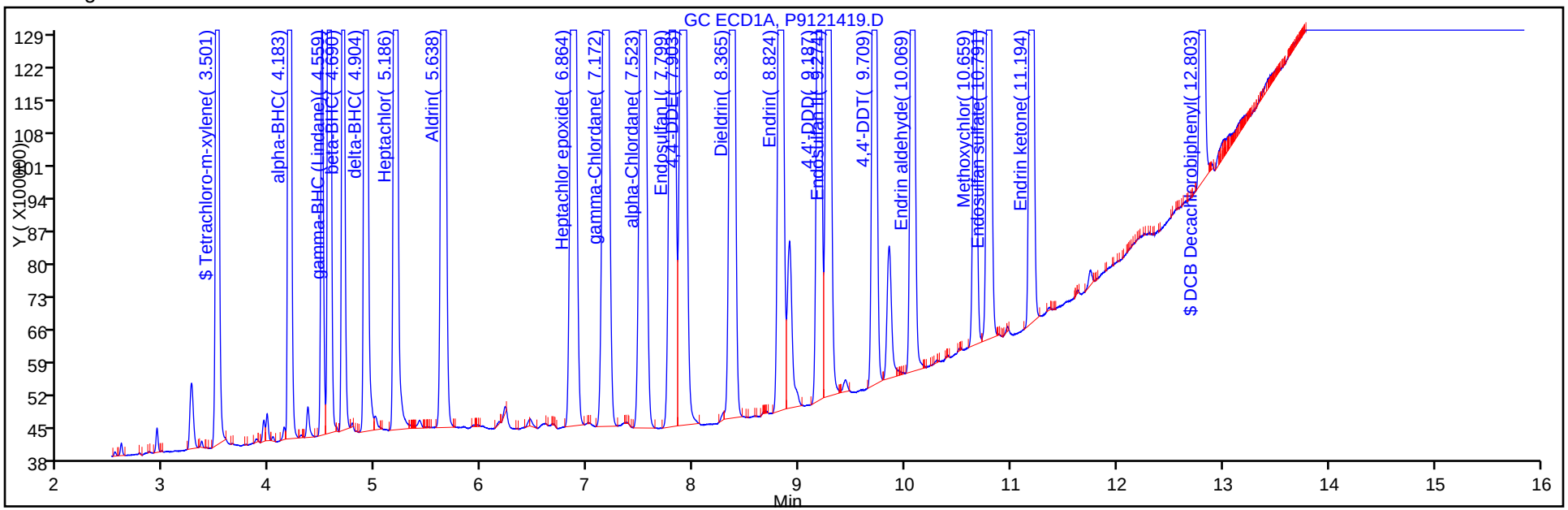
Report Date: 18-Dec-2012 11:09:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

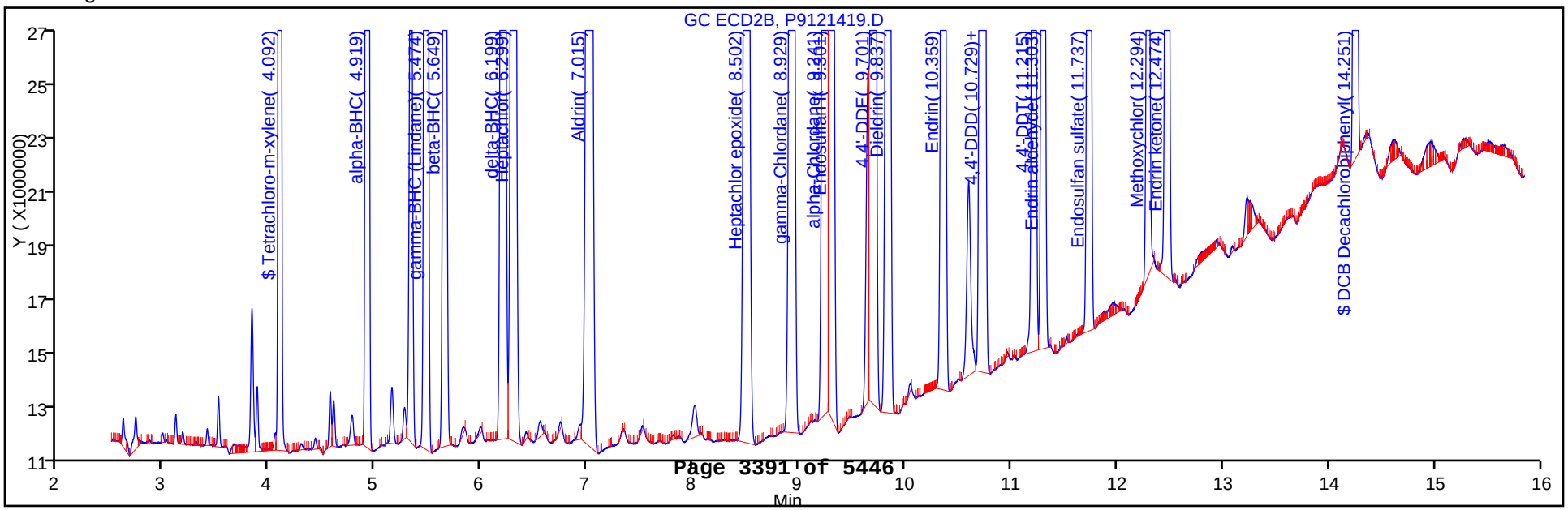
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121419.D

Injection Date:	14-Dec-2012 09:28:14	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 240-69893/11 Calibration Date: 12/22/2012 15:37

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122211.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3809820948	4039515520		0.0265	0.0250	6.0	20.0
gamma-BHC (Lindane)	Ave	3115561773	3374787160		0.0271	0.0250	8.3	20.0
beta-BHC	Ave	1356797063	1474741280		0.0272	0.0250	8.7	20.0
delta-BHC	Ave	3375911380	3631201880		0.0269	0.0250	7.6	20.0
Heptachlor	Ave	2743824669	3111274160		0.0283	0.0250	13.4	20.0
Aldrin	Ave	3555606031	3769787000		0.0265	0.0250	6.0	20.0
Heptachlor epoxide	Ave	2721274567	2951023680		0.0271	0.0250	8.4	20.0
gamma-Chlordane	Ave	3063197814	3225258800		0.0263	0.0250	5.3	20.0
alpha-Chlordane	Ave	3157953329	3245688040		0.0257	0.0250	2.8	20.0
Endosulfan I	Ave	2558663944	2770143320		0.0271	0.0250	8.3	20.0
4,4'-DDE	Ave	3306510503	3552352560		0.0269	0.0250	7.4	20.0
Dieldrin	Ave	2654935053	2861410320		0.0269	0.0250	7.8	20.0
Endrin	Ave	2443787478	2600647600		0.0266	0.0250	6.4	20.0
4,4'-DDD	Ave	1890252848	2030152280		0.0269	0.0250	7.4	20.0
Endosulfan II	Ave	2526594343	2723076520		0.0269	0.0250	7.8	20.0
4,4'-DDT	Ave	1877093720	2075640560		0.0276	0.0250	10.6	20.0
Endrin aldehyde	Ave	1838690332	1991923280		0.0271	0.0250	8.3	20.0
Methoxychlor	Ave	877879613	973407080		0.0277	0.0250	10.9	20.0
Endosulfan sulfate	Ave	2238400517	2436887280		0.0272	0.0250	8.9	20.0
Endrin ketone	Ave	2341348883	2481018000		0.0265	0.0250	6.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 240-69893/11 Calibration Date: 12/22/2012 15:37

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122211.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.18	4.15	4.21
gamma-BHC (Lindane)	4.56	4.53	4.59
beta-BHC	4.69	4.66	4.72
delta-BHC	4.90	4.87	4.93
Heptachlor	5.18	5.15	5.22
Aldrin	5.63	5.60	5.66
Heptachlor epoxide	6.86	6.83	6.89
gamma-Chlordane	7.16	7.14	7.20
alpha-Chlordane	7.51	7.49	7.55
Endosulfan I	7.79	7.76	7.82
4,4'-DDE	7.90	7.87	7.93
Dieldrin	8.36	8.33	8.39
Endrin	8.82	8.79	8.85
4,4'-DDD	9.19	9.16	9.22
Endosulfan II	9.27	9.24	9.30
4,4'-DDT	9.71	9.68	9.74
Endrin aldehyde	10.07	10.04	10.10
Methoxychlor	10.66	10.63	10.69
Endosulfan sulfate	10.79	10.76	10.82
Endrin ketone	11.19	11.16	11.22

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122211.D
Lims ID: ICV Client ID:
Inject. Date: 22-Dec-2012 15:37:27 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016122-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 69893 Lims Sample ID: 11
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:54 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 10:50:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 alpha-BHC									
1	100	4.181	4.182	-0.001	100987888	0.0265			
2	100	4.912	4.913	-0.001	341927551	0.0259			
						RPD = 2.13			
20 gamma-BHC (Lindane)									
1	100	4.557	4.557	0.000	84369679	0.0271			
2	100	5.467	5.467	0.000	278526382	0.0267			
						RPD = 1.41			
7 beta-BHC									
1	100	4.688	4.689	-0.001	36868532	0.0272			
2	100	5.643	5.643	0.000	116003689	0.0266			
						RPD = 2.16			
11 delta-BHC									
1	100	4.901	4.902	-0.001	90780047	0.0269			
2	100	6.192	6.192	0.000	283196358	0.0261			
						RPD = 3.02			
22 Heptachlor									
1	100	5.182	5.183	-0.001	77781854	0.0283			
2	100	6.289	6.289	0.000	246001669	0.0279			
						RPD = 1.45			
4 Aldrin									
1	100	5.632	5.633	-0.001	94244675	0.0265			
2	100	7.003	7.005	-0.002	281700133	0.0265			
						RPD = 0.05			
23 Heptachlor epoxide									
1	100	6.858	6.860	-0.002	73775592	0.0271			
2	100	8.492	8.492	0.000	226628994	0.0272			
						RPD = 0.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	7.164	7.166	-0.002	80631470	0.0263			
2	100	8.919	8.919	0.000	236922539	0.0265			
						RPD = 0.77			
6 alpha-Chlordane									
1	100	7.514	7.516	-0.002	81142201	0.0257			
2	100	9.232	9.232	0.000	227744534	0.0257			
						RPD = 0.17			
14 Endosulfan I									
1	100	7.792	7.794	-0.002	69253583	0.0271			
2	100	9.293	9.294	-0.001	196479693	0.0275			
						RPD = 1.75			
2 4,4'-DDE									
1	100	7.898	7.899	-0.001	88808814	0.0269			
2	100	9.694	9.694	0.000	229463705	0.0265			
						RPD = 1.18			
13 Dieldrin									
1	100	8.358	8.361	-0.003	71535258	0.0269			
2	100	9.829	9.829	0.000	217654379	0.0274			
						RPD = 1.84			
17 Endrin									
1	100	8.817	8.818	-0.001	65016190	0.0266			
2	100	10.351	10.351	0.000	189786480	0.0269			
						RPD = 1.26			
1 4,4'-DDD									
1	100	9.186	9.185	0.001	50753807	0.0269			
2	100	10.724	10.724	0.000	338379365	0.0273			
						RPD = 1.72			
15 Endosulfan II									
1	100	9.269	9.269	0.000	68076913	0.0269			
2	100	10.724	10.724	0.000	338379365	0.0273			
						RPD = 1.38			
3 4,4'-DDT									
1	100	9.706	9.706	0.000	51891014	0.0276			
2	100	11.209	11.209	0.000	127071913	0.0272			
						RPD = 1.49			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	49798082	0.0271			
2	100	11.297	11.297	0.000	144159571	0.0274			
						RPD = 1.34			
27 Methoxychlor									
1	100	10.658	10.659	-0.001	24335177	0.0277			
2	100	12.288	12.288	0.000	63551889	0.0275			
						RPD = 0.77			
16 Endosulfan sulfate									
1	100	10.787	10.789	-0.002	60922182	0.0272			
2	100	11.729	11.730	-0.001	174462524	0.0275			
						RPD = 0.87			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100	11.188	11.188	0.000	62025450	0.0265			
2	100	12.467	12.467	0.000	167953549	0.0269			
						RPD = 1.37			

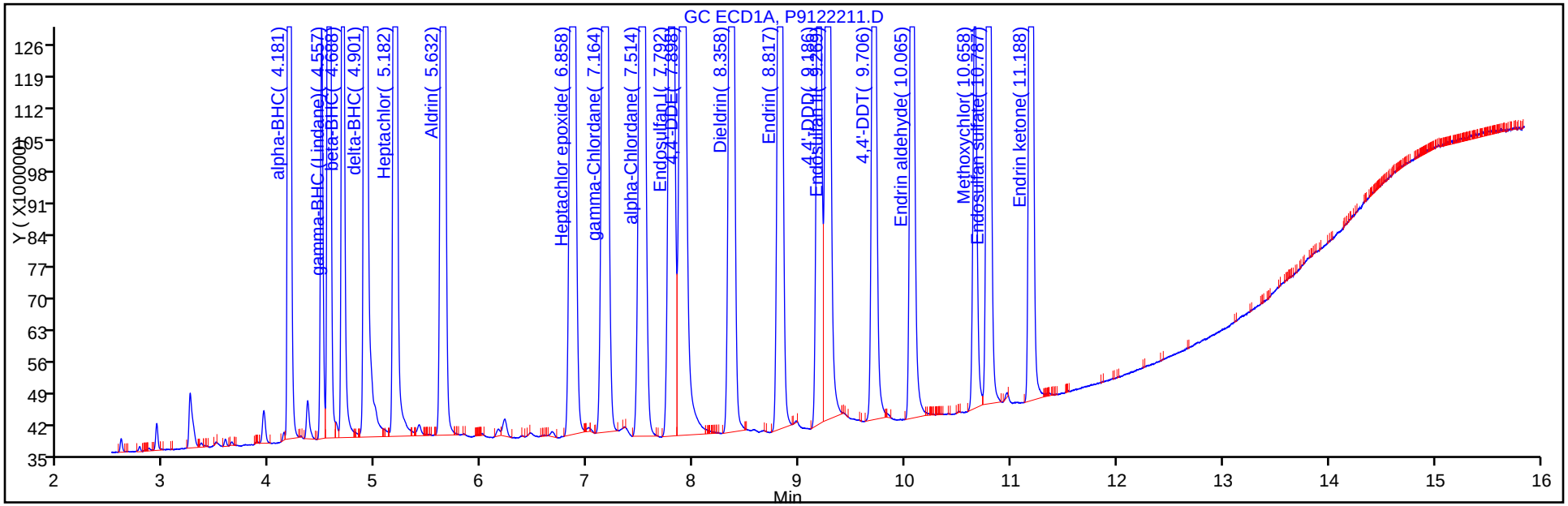
Report Date: 31-Dec-2012 10:57:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

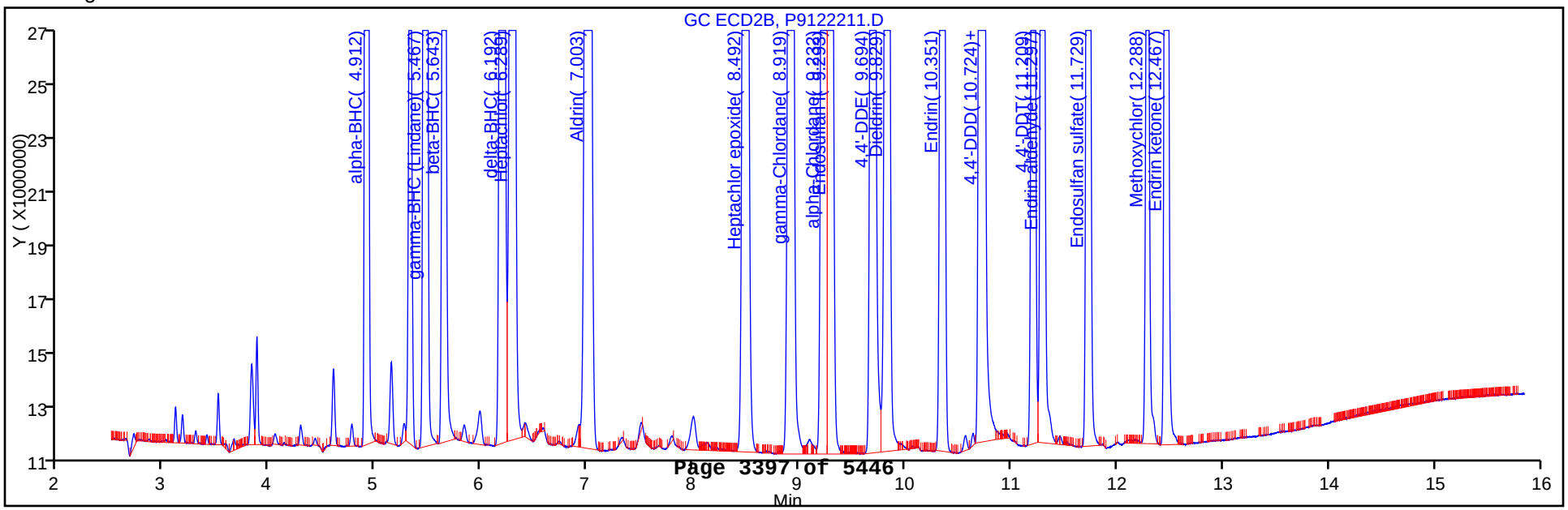
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122211.D

Injection Date:	22-Dec-2012 15:37:27	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: ICV 240-69893/11 Calibration Date: 12/22/2012 15:37

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122211.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	13177110828	13677102040		0.0259	0.0250	3.8	20.0
gamma-BHC (Lindane)	Ave	10430817708	11141055280		0.0267	0.0250	6.8	20.0
beta-BHC	Ave	4362472019	4640147560		0.0266	0.0250	6.4	20.0
delta-BHC	Ave	10854717199	11327854320		0.0261	0.0250	4.4	20.0
Heptachlor	Ave	8804394038	9840066760		0.0279	0.0250	11.8	20.0
Aldrin	Ave	10632857867	11268005320		0.0265	0.0250	6.0	20.0
Heptachlor epoxide	Ave	8343678396	9065159760		0.0272	0.0250	8.6	20.0
gamma-Chlordane	Ave	8931440033	9476901560		0.0265	0.0250	6.1	20.0
alpha-Chlordane	Ave	8848756132	9109781360		0.0257	0.0250	2.9	20.0
Endosulfan I	Ave	7133143283	7859187720		0.0275	0.0250	10.2	20.0
4,4'-DDE	Ave	8644997313	9178548200		0.0265	0.0250	6.2	20.0
Dieldrin	Ave	7930499061	8706175160		0.0274	0.0250	9.8	20.0
Endrin	Ave	7044330525	7591459200		0.0269	0.0250	7.8	20.0
4,4'-DDD	Ave	12386945794	13535174600		0.0273	0.0250	9.3	20.0
Endosulfan II	Ave	12386945794	13535174600		0.0273	0.0250	9.3	20.0
4,4'-DDT	Ave	4665523587	5082876520		0.0272	0.0250	8.9	20.0
Endrin aldehyde	Ave	5251792496	5766382840		0.0274	0.0250	9.8	20.0
Endosulfan sulfate	Ave	6354273613	6978500960		0.0275	0.0250	9.8	20.0
Methoxychlor	Ave	2310305654	2542075560		0.0275	0.0250	10.0	20.0
Endrin ketone	Ave	6253762508	6718141960		0.0269	0.0250	7.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: ICV 240-69893/11 Calibration Date: 12/22/2012 15:37

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122211.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.91	4.88	4.94
gamma-BHC (Lindane)	5.47	5.44	5.50
beta-BHC	5.64	5.61	5.67
delta-BHC	6.19	6.16	6.22
Heptachlor	6.29	6.25	6.32
Aldrin	7.00	6.98	7.04
Heptachlor epoxide	8.49	8.46	8.52
gamma-Chlordane	8.92	8.89	8.95
alpha-Chlordane	9.23	9.20	9.26
Endosulfan I	9.29	9.26	9.32
4,4'-DDE	9.69	9.66	9.72
Dieldrin	9.83	9.80	9.86
Endrin	10.35	10.32	10.38
4,4'-DDD	10.72	10.69	10.75
Endosulfan II	10.72	10.69	10.75
4,4'-DDT	11.21	11.18	11.24
Endrin aldehyde	11.30	11.27	11.33
Endosulfan sulfate	11.73	11.70	11.76
Methoxychlor	12.29	12.26	12.32
Endrin ketone	12.47	12.44	12.50

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122211.D
Lims ID: ICV Client ID:
Inject. Date: 22-Dec-2012 15:37:27 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0016122-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 69893 Lims Sample ID: 11
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 10:57:54 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 10:50:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 alpha-BHC									
1	100	4.181	4.182	-0.001	100987888	0.0265			
2	100	4.912	4.913	-0.001	341927551	0.0259			
						RPD = 2.13			
20 gamma-BHC (Lindane)									
1	100	4.557	4.557	0.000	84369679	0.0271			
2	100	5.467	5.467	0.000	278526382	0.0267			
						RPD = 1.41			
7 beta-BHC									
1	100	4.688	4.689	-0.001	36868532	0.0272			
2	100	5.643	5.643	0.000	116003689	0.0266			
						RPD = 2.16			
11 delta-BHC									
1	100	4.901	4.902	-0.001	90780047	0.0269			
2	100	6.192	6.192	0.000	283196358	0.0261			
						RPD = 3.02			
22 Heptachlor									
1	100	5.182	5.183	-0.001	77781854	0.0283			
2	100	6.289	6.289	0.000	246001669	0.0279			
						RPD = 1.45			
4 Aldrin									
1	100	5.632	5.633	-0.001	94244675	0.0265			
2	100	7.003	7.005	-0.002	281700133	0.0265			
						RPD = 0.05			
23 Heptachlor epoxide									
1	100	6.858	6.860	-0.002	73775592	0.0271			
2	100	8.492	8.492	0.000	226628994	0.0272			
						RPD = 0.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100	7.164	7.166	-0.002	80631470	0.0263			
2	100	8.919	8.919	0.000	236922539	0.0265			
						RPD = 0.77			
6 alpha-Chlordane									
1	100	7.514	7.516	-0.002	81142201	0.0257			
2	100	9.232	9.232	0.000	227744534	0.0257			
						RPD = 0.17			
14 Endosulfan I									
1	100	7.792	7.794	-0.002	69253583	0.0271			
2	100	9.293	9.294	-0.001	196479693	0.0275			
						RPD = 1.75			
2 4,4'-DDE									
1	100	7.898	7.899	-0.001	88808814	0.0269			
2	100	9.694	9.694	0.000	229463705	0.0265			
						RPD = 1.18			
13 Dieldrin									
1	100	8.358	8.361	-0.003	71535258	0.0269			
2	100	9.829	9.829	0.000	217654379	0.0274			
						RPD = 1.84			
17 Endrin									
1	100	8.817	8.818	-0.001	65016190	0.0266			
2	100	10.351	10.351	0.000	189786480	0.0269			
						RPD = 1.26			
1 4,4'-DDD									
1	100	9.186	9.185	0.001	50753807	0.0269			
2	100	10.724	10.724	0.000	338379365	0.0273			
						RPD = 1.72			
15 Endosulfan II									
1	100	9.269	9.269	0.000	68076913	0.0269			
2	100	10.724	10.724	0.000	338379365	0.0273			
						RPD = 1.38			
3 4,4'-DDT									
1	100	9.706	9.706	0.000	51891014	0.0276			
2	100	11.209	11.209	0.000	127071913	0.0272			
						RPD = 1.49			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	49798082	0.0271			
2	100	11.297	11.297	0.000	144159571	0.0274			
						RPD = 1.34			
27 Methoxychlor									
1	100	10.658	10.659	-0.001	24335177	0.0277			
2	100	12.288	12.288	0.000	63551889	0.0275			
						RPD = 0.77			
16 Endosulfan sulfate									
1	100	10.787	10.789	-0.002	60922182	0.0272			
2	100	11.729	11.730	-0.001	174462524	0.0275			
						RPD = 0.87			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
19 Endrin ketone									
1	100	11.188	11.188	0.000	62025450	0.0265			
2	100	12.467	12.467	0.000	167953549	0.0269			
						RPD = 1.37			

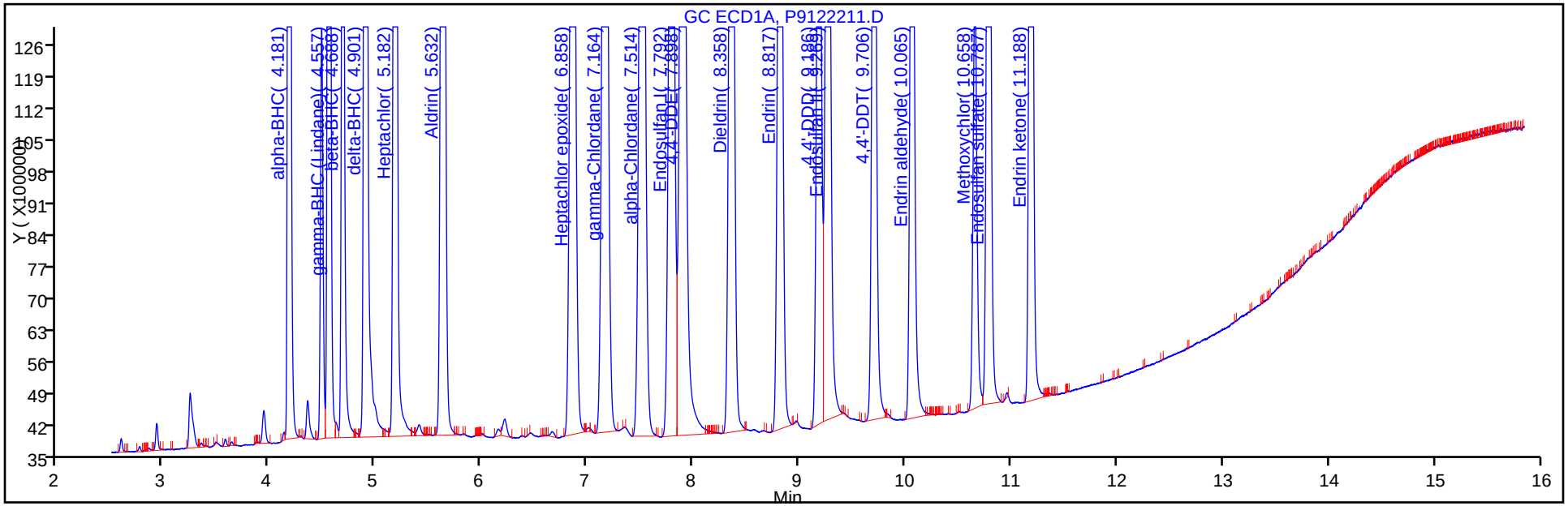
Report Date: 31-Dec-2012 10:57:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

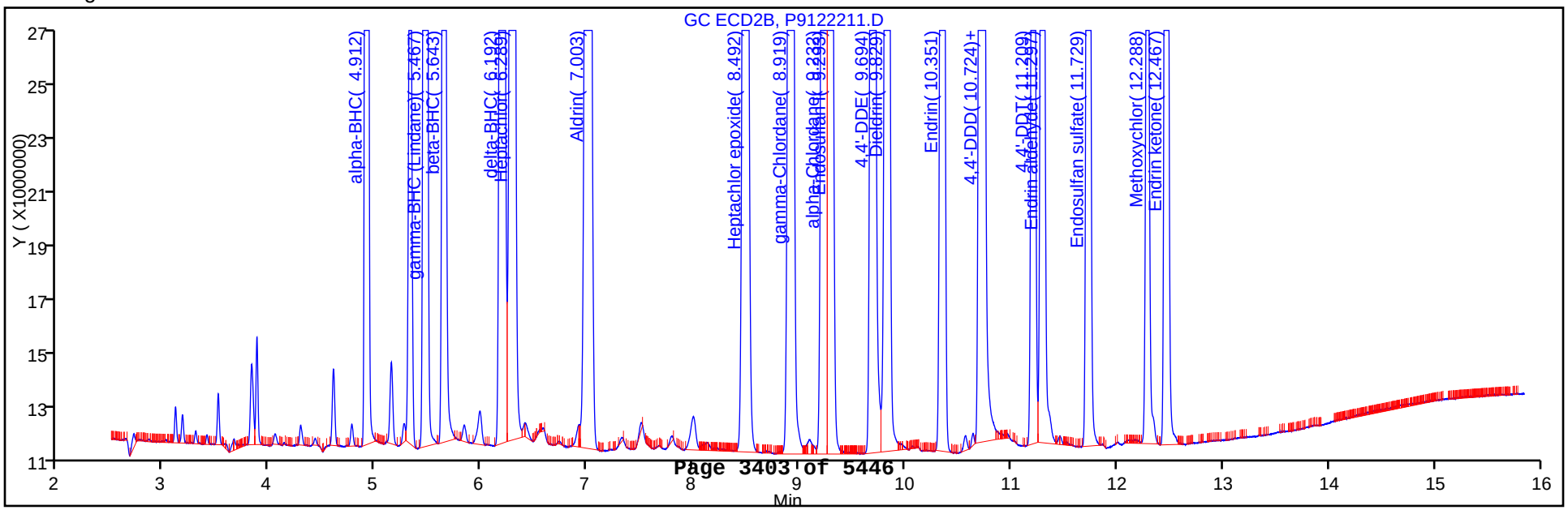
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122211.D

Injection Date:	22-Dec-2012 15:37:27	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69893/18 Calibration Date: 12/22/2012 18:27

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122218.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	68992790	71761656		1.04	1.00	4.0	20.0
Toxaphene Peak 2	Ave	85469637	89857025		1.05	1.00	5.1	20.0
Toxaphene Peak 3	Ave	73765512	77269907		1.05	1.00	4.8	20.0
Toxaphene Peak 4	Ave	98743767	101970550		1.03	1.00	3.3	20.0
Toxaphene Peak 5	Ave	63625849	64821985		1.02	1.00	1.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69893/18 Calibration Date: 12/22/2012 18:27

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122218.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	9.50	9.47	9.53
Toxaphene Peak 2	9.95	9.92	9.98
Toxaphene Peak 3	10.02	9.99	10.05
Toxaphene Peak 4	10.60	10.57	10.63
Toxaphene Peak 5	11.17	11.14	11.20

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122218.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 22-Dec-2012 18:27:06 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-018
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 69893 Lims Sample ID: 18
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:52:52 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 11:09:20

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.498	9.498	0.000	71761656	1.04		100.0	
1	2	9.949	9.949	0.000	89857025	1.05	105.5- 145.5	125.2	
1	3	10.015	10.015	0.000	77269907	1.05	90.3- 130.3	107.7	
1	4	10.599	10.599	0.000	101970550	1.03	116.9- 156.9	142.1	
1	5	11.165	11.165	0.000	64821985	1.02	64.5- 104.5	90.3	
			Average of Peak Amounts =			1.04			
2	100	10.886	10.886	0.000	303978109	1.14		100.0	M
2	2	11.435	11.435	0.000	187388715	1.13	43.7- 83.7	61.6	M
2	3	11.836	11.836	0.000	185398751	1.08	45.7- 85.7	61.0	M
2	4	12.064	12.064	0.000	277559119	1.08	80.2- 120.2	91.3	M
2	5	12.451	12.451	0.000	124574461	1.02	28.1- 68.1	41.0	M
			Average of Peak Amounts =			1.09			
						RPD = 4.97			

QC Flag Legend

Review Flags
M - Manually Integrated

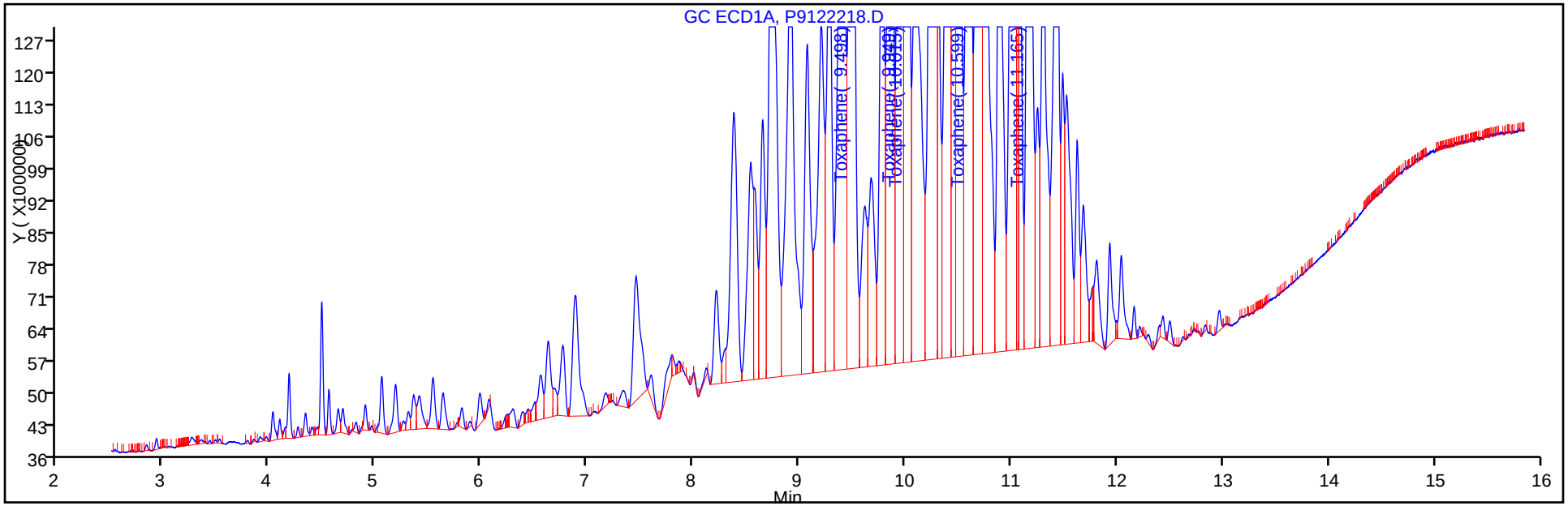
Report Date: 31-Dec-2012 13:52:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

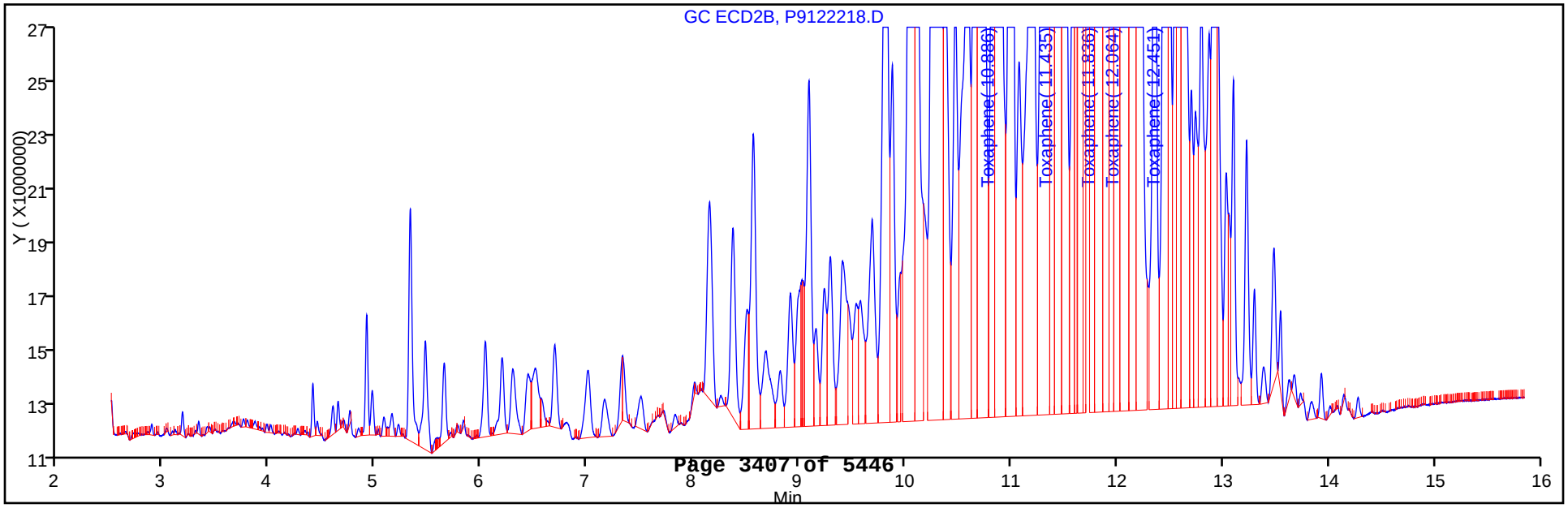
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122218.D

Injection Date:	22-Dec-2012 18:27:06	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	18
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69893/18 Calibration Date: 12/22/2012 18:27

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122218.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	265485355	303978109		1.14	1.00	14.5	20.0
Toxaphene Peak 2	Ave	165982849	187388715		1.13	1.00	12.9	20.0
Toxaphene Peak 3	Ave	171487862	185398751		1.08	1.00	8.1	20.0
Toxaphene Peak 4	Ave	256795996	277559119		1.08	1.00	8.1	20.0
Toxaphene Peak 5	Ave	122259762	124574461		1.02	1.00	1.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69893/18 Calibration Date: 12/22/2012 18:27

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122218.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.89	10.86	10.92
Toxaphene Peak 2	11.44	11.41	11.47
Toxaphene Peak 3	11.84	11.81	11.87
Toxaphene Peak 4	12.06	12.03	12.09
Toxaphene Peak 5	12.45	12.42	12.48

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122218.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 22-Dec-2012 18:27:06 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-018
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 69893 Lims Sample ID: 18
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:52:52 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 11:09:20

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.498	9.498	0.000	71761656	1.04		100.0	
1	2	9.949	9.949	0.000	89857025	1.05	105.5- 145.5	125.2	
1	3	10.015	10.015	0.000	77269907	1.05	90.3- 130.3	107.7	
1	4	10.599	10.599	0.000	101970550	1.03	116.9- 156.9	142.1	
1	5	11.165	11.165	0.000	64821985	1.02	64.5- 104.5	90.3	
			Average of Peak Amounts =			1.04			
2	100	10.886	10.886	0.000	303978109	1.14		100.0	M
2	2	11.435	11.435	0.000	187388715	1.13	43.7- 83.7	61.6	M
2	3	11.836	11.836	0.000	185398751	1.08	45.7- 85.7	61.0	M
2	4	12.064	12.064	0.000	277559119	1.08	80.2- 120.2	91.3	M
2	5	12.451	12.451	0.000	124574461	1.02	28.1- 68.1	41.0	M
			Average of Peak Amounts =			1.09			
						RPD = 4.97			

QC Flag Legend

Review Flags
M - Manually Integrated

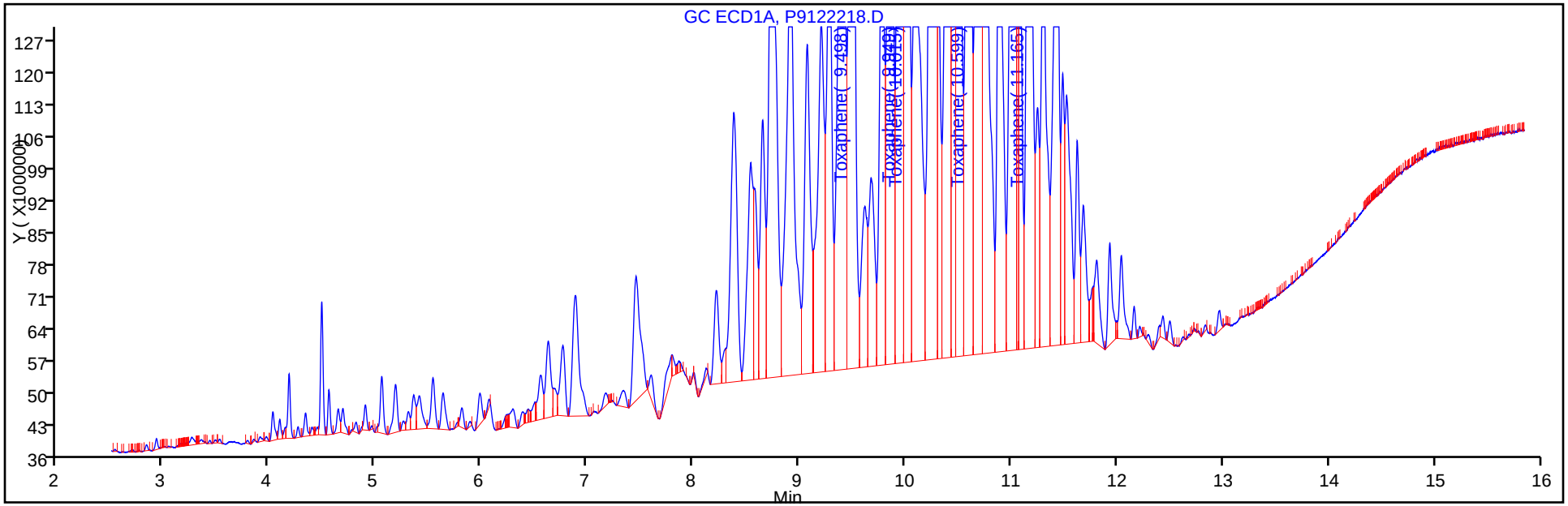
Report Date: 31-Dec-2012 13:52:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

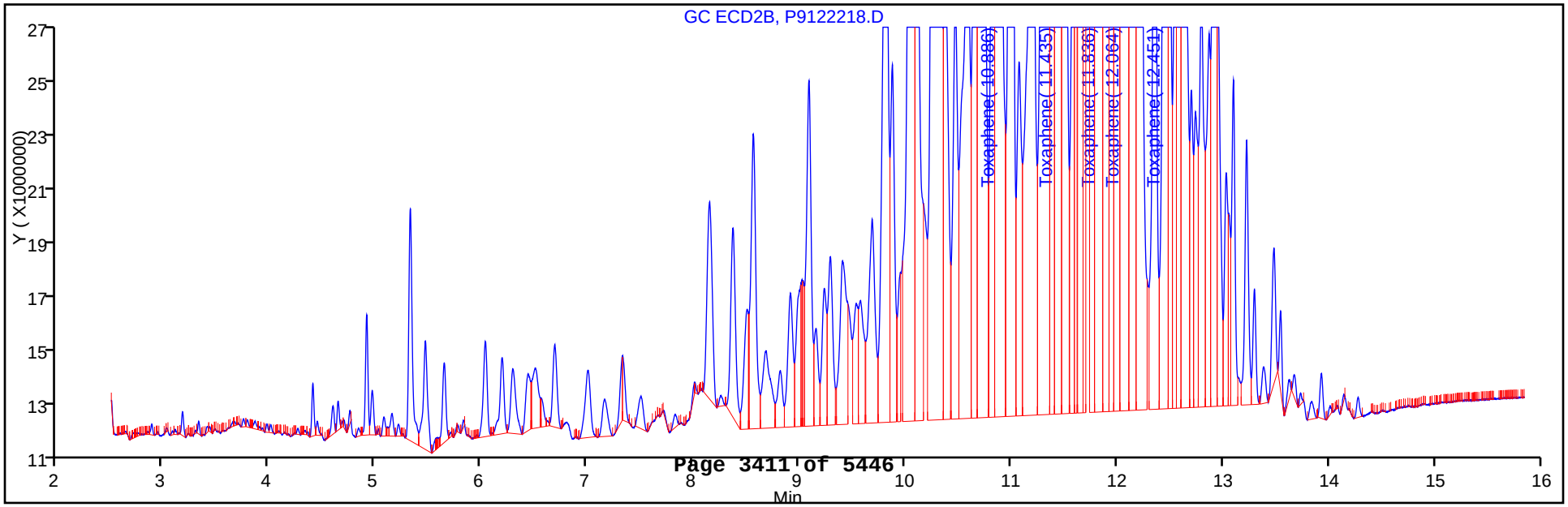
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122218.D

Injection Date:	22-Dec-2012 18:27:06	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	18
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



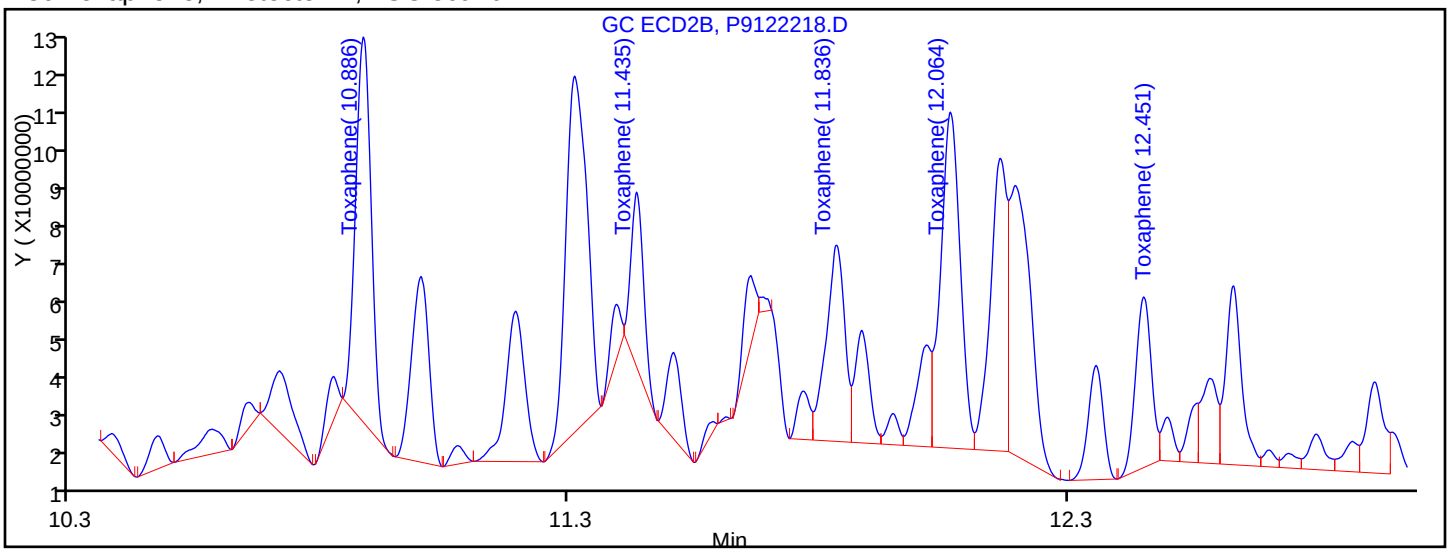
Report Date: 31-Dec-2012 13:52:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122218.D

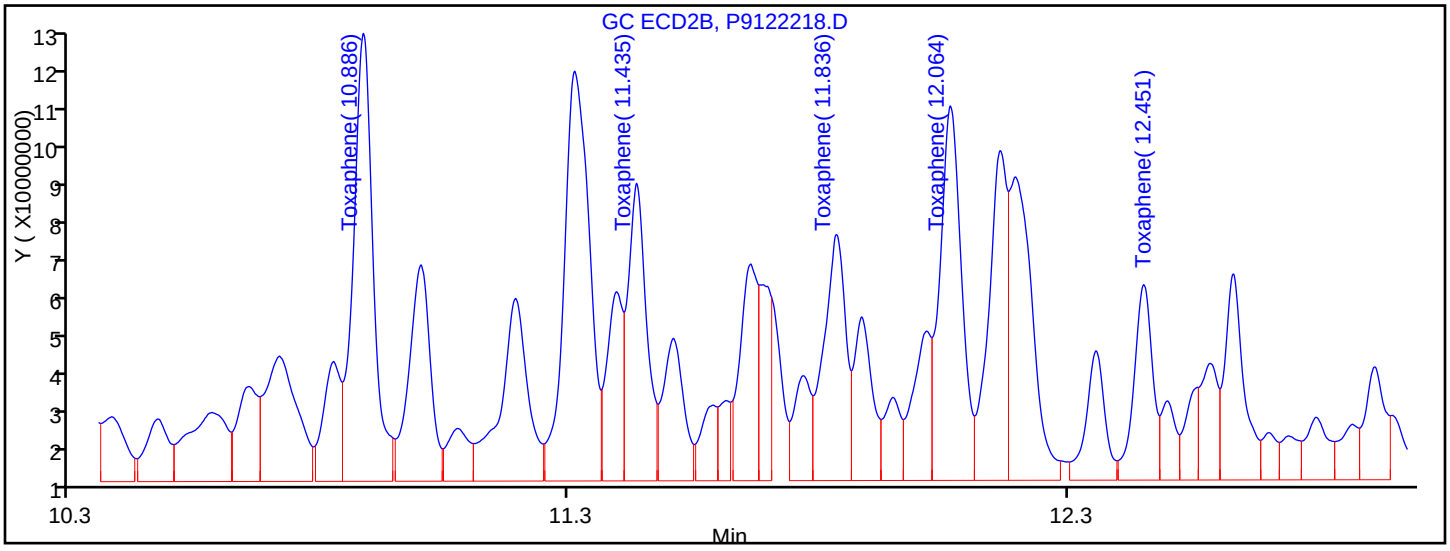
Injection Date:	22-Dec-2012 18:27:06	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	18
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.886	Response = 199363103	M
RT = 11.435	Response = 72927533	M
RT = 11.836	Response = 121080065	M
RT = 12.064	Response = 215842693	M
RT = 12.451	Response = 89784564	M



Manual Integration Results

RT = 10.886	Response = 303978109	M
RT = 11.435	Response = 187388715	M
RT = 11.836	Response = 185398751	M
RT = 12.064	Response = 277559119	M
RT = 12.451	Response = 124574461	M

Reviewer: vandorenc, 31-Dec-2012 11:09:20

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69893/31 Calibration Date: 12/22/2012 23:44

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122231.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3809820948	4804864360		0.0315	0.0250	26.1*	20.0
gamma-BHC (Lindane)	Ave	3115561773	4149346160		0.0333	0.0250	33.2*	20.0
beta-BHC	Ave	1356797063	1721810520		0.0317	0.0250	26.9*	20.0
delta-BHC	Ave	3375911380	4299509360		0.0318	0.0250	27.4*	20.0
Heptachlor	Ave	2743824669	3128645840		0.0285	0.0250	14.0	20.0
Aldrin	Ave	3555606031	4297478200		0.0302	0.0250	20.9*	20.0
Heptachlor epoxide	Ave	2721274567	3617140320		0.0332	0.0250	32.9*	20.0
gamma-Chlordane	Ave	3063197814	3928308160		0.0321	0.0250	28.2*	20.0
alpha-Chlordane	Ave	3157953329	3977937440		0.0315	0.0250	26.0*	20.0
Endosulfan I	Ave	2558663944	3374556080		0.0330	0.0250	31.9*	20.0
4,4'-DDE	Ave	3306510503	3959035400		0.0299	0.0250	19.7	20.0
Dieldrin	Ave	2654935053	3459455600		0.0326	0.0250	30.3*	20.0
Endrin	Ave	2443787478	2974501720		0.0304	0.0250	21.7*	20.0
4,4'-DDD	Ave	1890252848	2470715800		0.0327	0.0250	30.7*	20.0
Endosulfan II	Ave	2526594343	3173603880		0.0314	0.0250	25.6*	20.0
4,4'-DDT	Ave	1877093720	2221155240		0.0296	0.0250	18.3	20.0
Endrin aldehyde	Ave	1838690332	2096318640		0.0285	0.0250	14.0	20.0
Methoxychlor	Ave	877879613	1069596440		0.0305	0.0250	21.8*	20.0
Endosulfan sulfate	Ave	2238400517	2843396640		0.0318	0.0250	27.0*	20.0
Endrin ketone	Ave	2341348883	2781050160		0.0297	0.0250	18.8	20.0
Tetrachloro-m-xylene	Ave	2718867034	2920269960		0.0269	0.0250	7.4	20.0
DCB Decachlorobiphenyl	Ave	2552750546	2837595480		0.0278	0.0250	11.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69893/31 Calibration Date: 12/22/2012 23:44

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122231.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.18	4.15	4.21
gamma-BHC (Lindane)	4.56	4.53	4.59
beta-BHC	4.69	4.66	4.72
delta-BHC	4.90	4.87	4.93
Heptachlor	5.18	5.15	5.22
Aldrin	5.63	5.60	5.66
Heptachlor epoxide	6.86	6.83	6.89
gamma-Chlordane	7.16	7.13	7.19
alpha-Chlordane	7.52	7.49	7.55
Endosulfan I	7.80	7.77	7.83
4,4'-DDE	7.90	7.87	7.93
Dieldrin	8.36	8.33	8.39
Endrin	8.82	8.79	8.85
4,4'-DDD	9.18	9.15	9.21
Endosulfan II	9.27	9.24	9.30
4,4'-DDT	9.71	9.68	9.74
Endrin aldehyde	10.07	10.04	10.10
Methoxychlor	10.66	10.63	10.69
Endosulfan sulfate	10.79	10.76	10.82
Endrin ketone	11.19	11.16	11.22
Tetrachloro-m-xylene	3.50	3.47	3.53
DCB Decachlorobiphenyl	12.80	12.77	12.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122231.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 22-Dec-2012 23:44:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-031
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 31
Lims Batch ID: 69893 Lims Sample ID: 31
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:52:58 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 13:29:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.498	3.498	0.000	73006749	0.0269			
2	100	4.089	4.089	0.000	237216695	0.0270			
						RPD = 0.67			
5 alpha-BHC									
1	100	4.181	4.181	0.000	120121609	0.0315			
2	100	4.912	4.912	0.000	411747383	0.0312			
						RPD = 0.90			
20 gamma-BHC (Lindane)									
1	100	4.557	4.557	0.000	103733654	0.0333			
2	100	5.467	5.467	0.000	349491865	0.0335			
						RPD = 0.63			
7 beta-BHC									
1	100	4.688	4.688	0.000	43045263	0.0317			
2	100	5.643	5.643	0.000	141437206	0.0324			
						RPD = 2.17			
11 delta-BHC									
1	100	4.901	4.901	0.000	107487734	0.0318			
2	100	6.192	6.192	0.000	360184676	0.0332			
						RPD = 4.13			
22 Heptachlor									
1	100	5.182	5.182	0.000	78216146	0.0285			
2	100	6.289	6.289	0.000	253777868	0.0288			
						RPD = 1.11			
4 Aldrin									
1	100	5.632	5.632	0.000	107436955	0.0302			
2	100	7.004	7.004	0.000	326027095	0.0307			
						RPD = 1.47			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.860	6.860	0.000	90428508	0.0332			
2	100	8.492	8.492	0.000	272466364	0.0327			
						RPD = 1.74			
21 gamma-Chlordane									
1	100	7.164	7.164	0.000	98207704	0.0321			
2	100	8.918	8.918	0.000	280698063	0.0314			
						RPD = 1.99			
6 alpha-Chlordane									
1	100	7.516	7.516	0.000	99448436	0.0315			
2	100	9.232	9.232	0.000	275602485	0.0311			
						RPD = 1.10			
14 Endosulfan I									
1	100	7.796	7.796	0.000	84363902	0.0330			
2	100	9.293	9.293	0.000	231310228	0.0324			
						RPD = 1.66			
2 4,4'-DDE									
1	100	7.896	7.896	0.000	98975885	0.0299			
2	100	9.693	9.693	0.000	253725483	0.0293			
						RPD = 1.97			
13 Dieldrin									
1	100	8.360	8.360	0.000	86486390	0.0326			
2	100	9.829	9.829	0.000	250482937	0.0316			
						RPD = 3.09			
17 Endrin									
1	100	8.818	8.818	0.000	74362543	0.0304			
2	100	10.352	10.352	0.000	205493860	0.0292			
						RPD = 4.22			
1 4,4'-DDD									
1	100	9.182	9.182	0.000	61767895	0.0327			
2	100	10.722	10.722	0.000	385019332	0.0311			
						RPD = 5.00			
15 Endosulfan II									
1	100	9.267	9.267	0.000	79340097	0.0314			
2	100	10.722	10.722	0.000	385019332	0.0311			
						RPD = 1.02			
3 4,4'-DDT									
1	100	9.705	9.705	0.000	55528881	0.0296			
2	100	11.208	11.208	0.000	138045244	0.0296			
						RPD = 0.02			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	52407966	0.0285			
2	100	11.296	11.296	0.000	142173045	0.0271			
						RPD = 5.15			
27 Methoxychlor									
1	100	10.656	10.656	0.000	26739911	0.0305			
2	100	12.287	12.287	0.000	67788934	0.0293			
						RPD = 3.74			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.787	10.787	0.000	71084916	0.0318			
2	100	11.730	11.730	0.000	197927772	0.0311			
						RPD = 1.93			
19 Endrin ketone									
1	100	11.189	11.189	0.000	69526254	0.0297			
2	100	12.467	12.467	0.000	178983604	0.0286			
						RPD = 3.69			
$ 10 DCB Decachlorobiphenyl									
1	100	12.801	12.801	0.000	70939887	0.0278			
2	100	14.245	14.245	0.000	178265917	0.0262			
						RPD = 5.73			

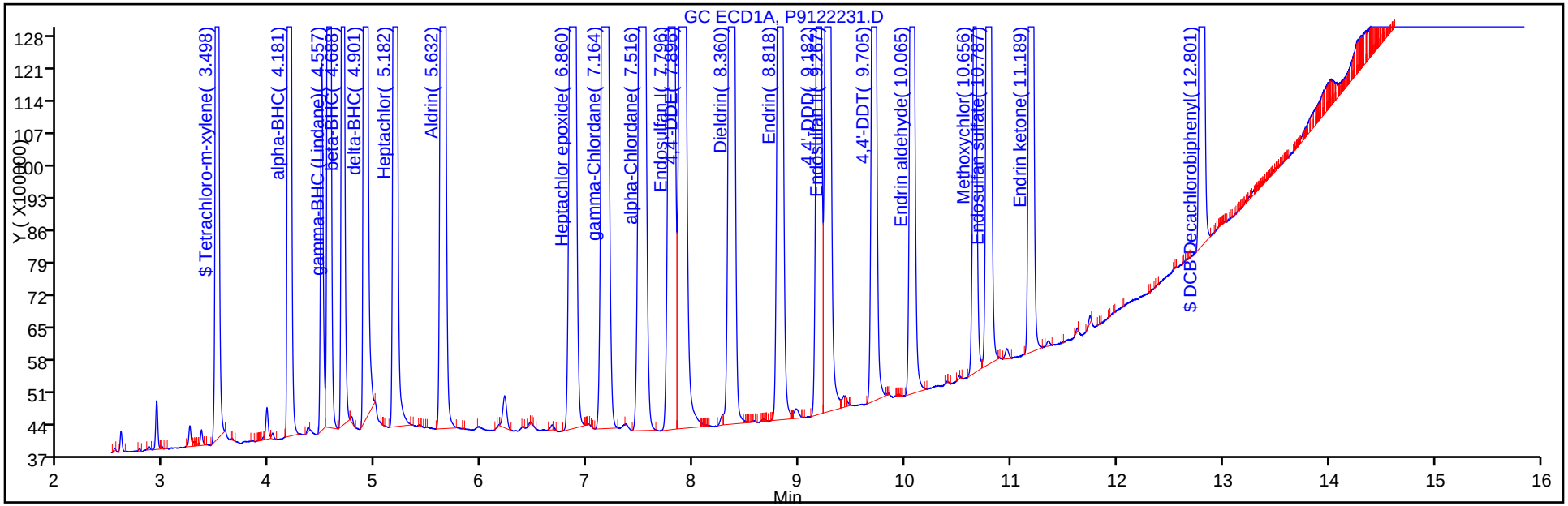
Report Date: 31-Dec-2012 13:52:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

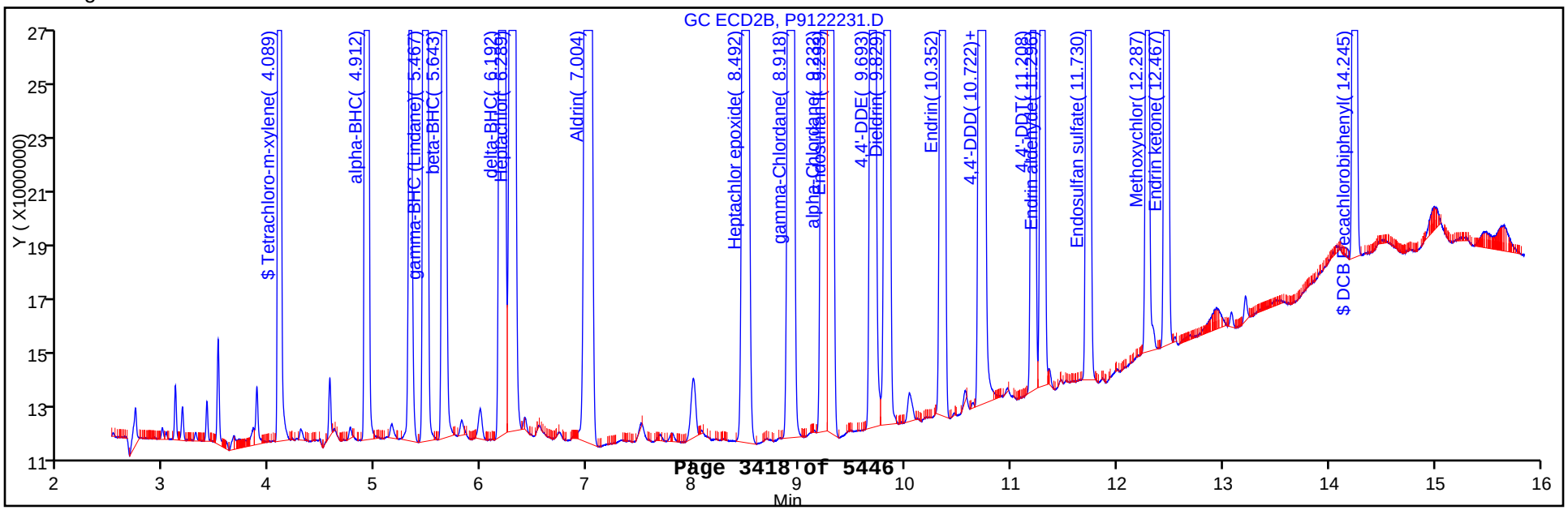
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122231.D

Injection Date:	22-Dec-2012 23:44:53	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	31
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69893/31 Calibration Date: 12/22/2012 23:44

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122231.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	13177110828	16469895320		0.0312	0.0250	25.0*	20.0
gamma-BHC (Lindane)	Ave	10430817708	13979674600		0.0335	0.0250	34.0*	20.0
beta-BHC	Ave	4362472019	5657488240		0.0324	0.0250	29.7*	20.0
delta-BHC	Ave	10854717199	14407387040		0.0332	0.0250	32.7*	20.0
Heptachlor	Ave	8804394038	10151114720		0.0288	0.0250	15.3	20.0
Aldrin	Ave	10632857867	13041083800		0.0307	0.0250	22.6*	20.0
Heptachlor epoxide	Ave	8343678396	10898654560		0.0327	0.0250	30.6*	20.0
gamma-Chlordane	Ave	8931440033	11227922520		0.0314	0.0250	25.7*	20.0
alpha-Chlordane	Ave	8848756132	11024099400		0.0311	0.0250	24.6*	20.0
Endosulfan I	Ave	7133143283	9252409120		0.0324	0.0250	29.7*	20.0
4,4'-DDE	Ave	8644997313	10149019320		0.0293	0.0250	17.4	20.0
Dieldrin	Ave	7930499061	10019317480		0.0316	0.0250	26.3*	20.0
Endrin	Ave	7044330525	8219754400		0.0292	0.0250	16.7	20.0
4,4'-DDD	Ave	12386945794	15400773280		0.0311	0.0250	24.3*	20.0
Endosulfan II	Ave	12386945794	15400773280		0.0311	0.0250	24.3*	20.0
4,4'-DDT	Ave	4665523587	5521809760		0.0296	0.0250	18.4	20.0
Endrin aldehyde	Ave	5251792496	5686921800		0.0271	0.0250	8.3	20.0
Endosulfan sulfate	Ave	6354273613	7917110880		0.0311	0.0250	24.6*	20.0
Methoxychlor	Ave	2310305654	2711557360		0.0293	0.0250	17.4	20.0
Endrin ketone	Ave	6253762508	7159344160		0.0286	0.0250	14.5	20.0
Tetrachloro-m-xylene	Ave	8775463387	9488667800		0.0270	0.0250	8.1	20.0
DCB Decachlorobiphenyl	Ave	6793039666	7130636680		0.0262	0.0250	5.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69893/31 Calibration Date: 12/22/2012 23:44

Instrument ID: A2HP9 Calib Start Date: 12/22/2012 13:11

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/22/2012 15:13

Lab File ID: P9122231.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.91	4.88	4.94
gamma-BHC (Lindane)	5.47	5.44	5.50
beta-BHC	5.64	5.61	5.67
delta-BHC	6.19	6.16	6.22
Heptachlor	6.29	6.25	6.32
Aldrin	7.00	6.97	7.03
Heptachlor epoxide	8.49	8.46	8.52
gamma-Chlordane	8.92	8.89	8.95
alpha-Chlordane	9.23	9.20	9.26
Endosulfan I	9.29	9.26	9.32
4,4'-DDE	9.69	9.66	9.72
Dieldrin	9.83	9.80	9.86
Endrin	10.35	10.32	10.38
4,4'-DDD	10.72	10.69	10.75
Endosulfan II	10.72	10.69	10.75
4,4'-DDT	11.21	11.18	11.24
Endrin aldehyde	11.30	11.27	11.33
Endosulfan sulfate	11.73	11.70	11.76
Methoxychlor	12.29	12.26	12.32
Endrin ketone	12.47	12.44	12.50
Tetrachloro-m-xylene	4.09	4.06	4.12
DCB Decachlorobiphenyl	14.25	14.22	14.28

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122231.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 22-Dec-2012 23:44:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-031
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 31
Lims Batch ID: 69893 Lims Sample ID: 31
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:52:58 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 13:29:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.498	3.498	0.000	73006749	0.0269			
2	100	4.089	4.089	0.000	237216695	0.0270			
						RPD = 0.67			
5 alpha-BHC									
1	100	4.181	4.181	0.000	120121609	0.0315			
2	100	4.912	4.912	0.000	411747383	0.0312			
						RPD = 0.90			
20 gamma-BHC (Lindane)									
1	100	4.557	4.557	0.000	103733654	0.0333			
2	100	5.467	5.467	0.000	349491865	0.0335			
						RPD = 0.63			
7 beta-BHC									
1	100	4.688	4.688	0.000	43045263	0.0317			
2	100	5.643	5.643	0.000	141437206	0.0324			
						RPD = 2.17			
11 delta-BHC									
1	100	4.901	4.901	0.000	107487734	0.0318			
2	100	6.192	6.192	0.000	360184676	0.0332			
						RPD = 4.13			
22 Heptachlor									
1	100	5.182	5.182	0.000	78216146	0.0285			
2	100	6.289	6.289	0.000	253777868	0.0288			
						RPD = 1.11			
4 Aldrin									
1	100	5.632	5.632	0.000	107436955	0.0302			
2	100	7.004	7.004	0.000	326027095	0.0307			
						RPD = 1.47			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.860	6.860	0.000	90428508	0.0332			
2	100	8.492	8.492	0.000	272466364	0.0327			
						RPD = 1.74			
21 gamma-Chlordane									
1	100	7.164	7.164	0.000	98207704	0.0321			
2	100	8.918	8.918	0.000	280698063	0.0314			
						RPD = 1.99			
6 alpha-Chlordane									
1	100	7.516	7.516	0.000	99448436	0.0315			
2	100	9.232	9.232	0.000	275602485	0.0311			
						RPD = 1.10			
14 Endosulfan I									
1	100	7.796	7.796	0.000	84363902	0.0330			
2	100	9.293	9.293	0.000	231310228	0.0324			
						RPD = 1.66			
2 4,4'-DDE									
1	100	7.896	7.896	0.000	98975885	0.0299			
2	100	9.693	9.693	0.000	253725483	0.0293			
						RPD = 1.97			
13 Dieldrin									
1	100	8.360	8.360	0.000	86486390	0.0326			
2	100	9.829	9.829	0.000	250482937	0.0316			
						RPD = 3.09			
17 Endrin									
1	100	8.818	8.818	0.000	74362543	0.0304			
2	100	10.352	10.352	0.000	205493860	0.0292			
						RPD = 4.22			
1 4,4'-DDD									
1	100	9.182	9.182	0.000	61767895	0.0327			
2	100	10.722	10.722	0.000	385019332	0.0311			
						RPD = 5.00			
15 Endosulfan II									
1	100	9.267	9.267	0.000	79340097	0.0314			
2	100	10.722	10.722	0.000	385019332	0.0311			
						RPD = 1.02			
3 4,4'-DDT									
1	100	9.705	9.705	0.000	55528881	0.0296			
2	100	11.208	11.208	0.000	138045244	0.0296			
						RPD = 0.02			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	52407966	0.0285			
2	100	11.296	11.296	0.000	142173045	0.0271			
						RPD = 5.15			
27 Methoxychlor									
1	100	10.656	10.656	0.000	26739911	0.0305			
2	100	12.287	12.287	0.000	67788934	0.0293			
						RPD = 3.74			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.787	10.787	0.000	71084916	0.0318			
2	100	11.730	11.730	0.000	197927772	0.0311			
						RPD = 1.93			
19 Endrin ketone									
1	100	11.189	11.189	0.000	69526254	0.0297			
2	100	12.467	12.467	0.000	178983604	0.0286			
						RPD = 3.69			
$ 10 DCB Decachlorobiphenyl									
1	100	12.801	12.801	0.000	70939887	0.0278			
2	100	14.245	14.245	0.000	178265917	0.0262			
						RPD = 5.73			

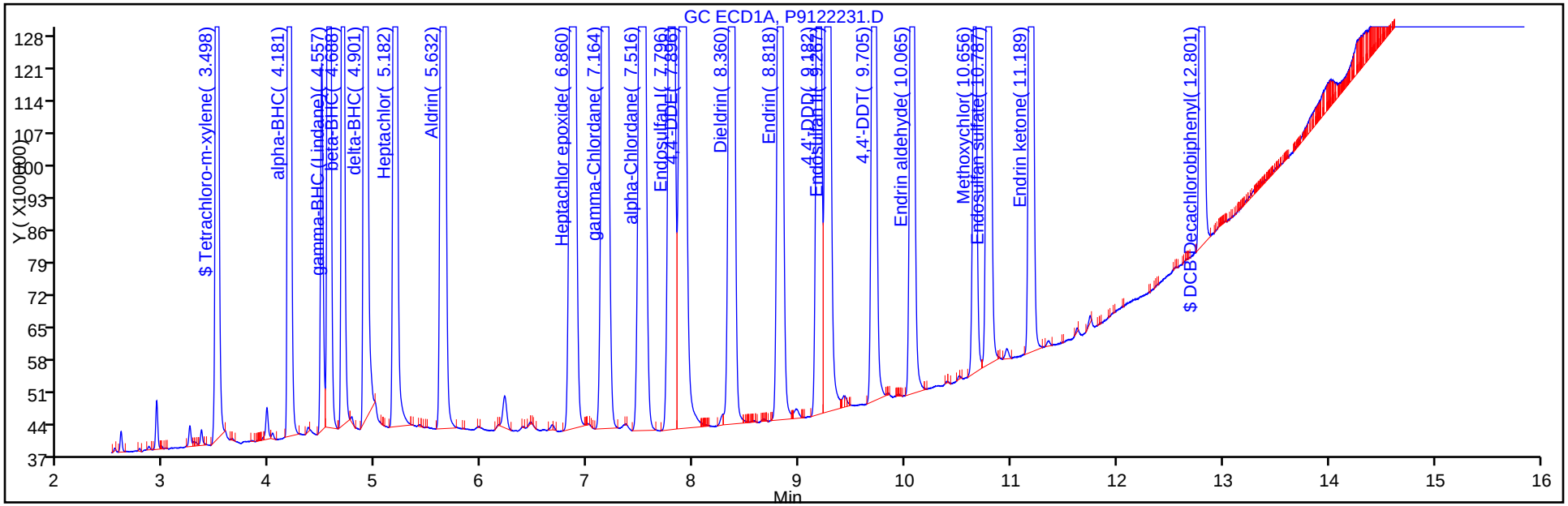
Report Date: 31-Dec-2012 13:52:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

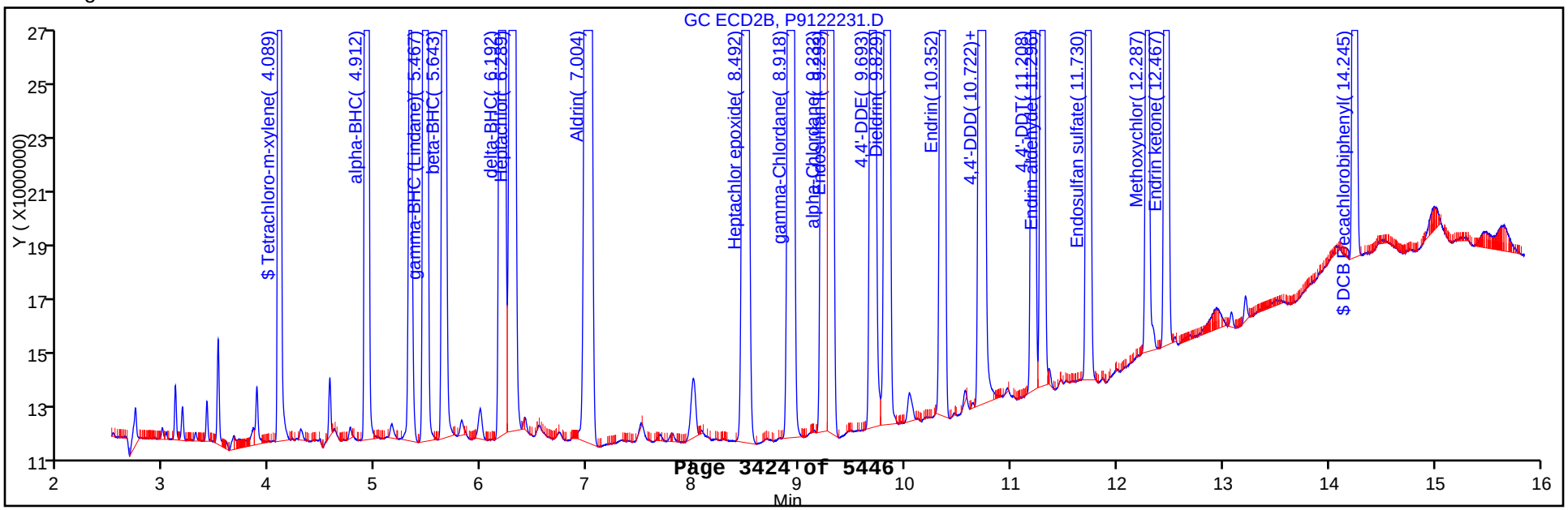
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122231.D

Injection Date:	22-Dec-2012 23:44:53	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	31
Operator ID:	093905	Injection Vol:	1.0 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
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69893/60 Calibration Date: 12/23/2012 11:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122260.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	68992790	82807318		1.20	1.00	20.0	20.0
Toxaphene Peak 2	Ave	85469637	106245166		1.24	1.00	24.3*	20.0
Toxaphene Peak 3	Ave	73765512	83715573		1.13	1.00	13.5	20.0
Toxaphene Peak 4	Ave	98743767	113148758		1.15	1.00	14.6	20.0
Toxaphene Peak 5	Ave	63625849	69497788		1.09	1.00	9.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69893/60 Calibration Date: 12/23/2012 11:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122260.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	9.50	9.47	9.53
Toxaphene Peak 2	9.95	9.92	9.98
Toxaphene Peak 3	10.01	9.98	10.04
Toxaphene Peak 4	10.60	10.57	10.63
Toxaphene Peak 5	11.16	11.13	11.19

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122260.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 23-Dec-2012 11:33:23 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-060
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 60
Lims Batch ID: 69893 Lims Sample ID: 60
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:53:10 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 13:39:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.503	9.503	0.000	82807318	1.20		100.0	M
1	2	9.947	9.947	0.000	106245166	1.24	105.5- 145.5	128.3	M
1	3	10.013	10.013	0.000	83715573	1.13	90.3- 130.3	101.1	M
1	4	10.598	10.598	0.000	113148758	1.15	116.9- 156.9	136.6	M
1	5	11.164	11.164	0.000	69497788	1.09	64.5- 104.5	83.9	M
			Average of Peak Amounts =			1.16			
2	100	10.886	10.886	0.000	305810455	1.15		100.0	
2	2	11.434	11.434	0.000	188315390	1.13	43.7- 83.7	61.6	
2	3	11.838	11.838	0.000	184766948	1.08	45.7- 85.7	60.4	
2	4	12.064	12.064	0.000	283599016	1.10	80.2- 120.2	92.7	
2	5	12.452	12.452	0.000	126300518	1.03	28.1- 68.1	41.3	
			Average of Peak Amounts =			1.10			
						RPD = 5.57			

QC Flag Legend

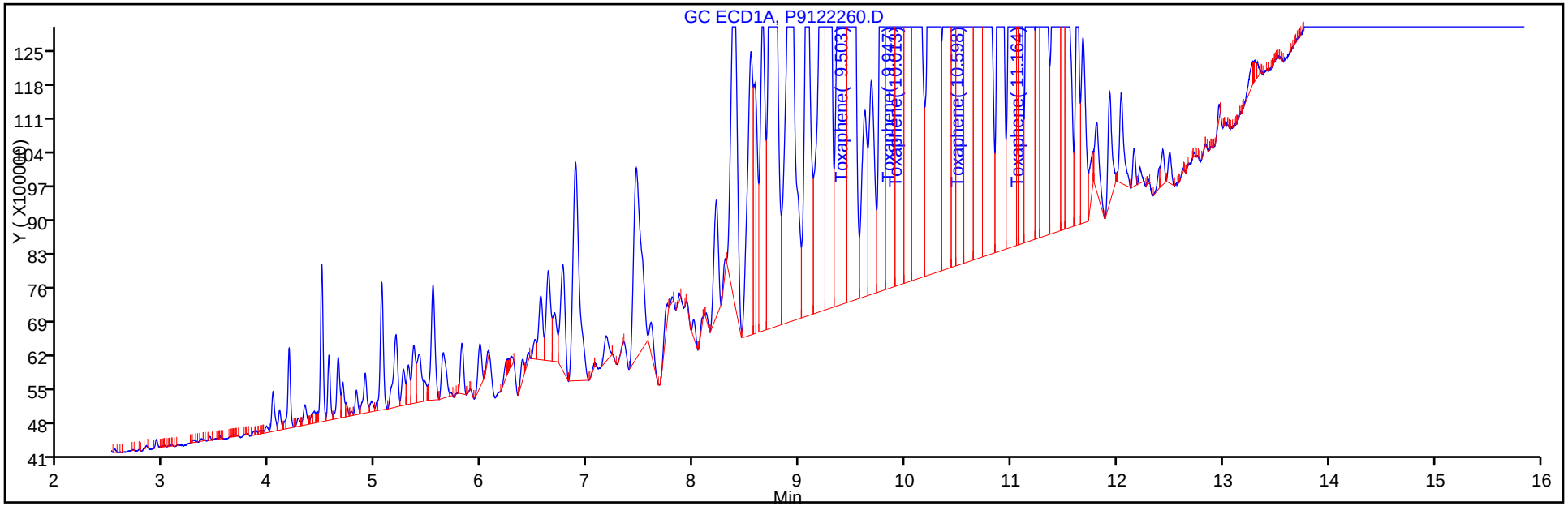
Review Flags
M - Manually Integrated

Report Date: 31-Dec-2012 13:53:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

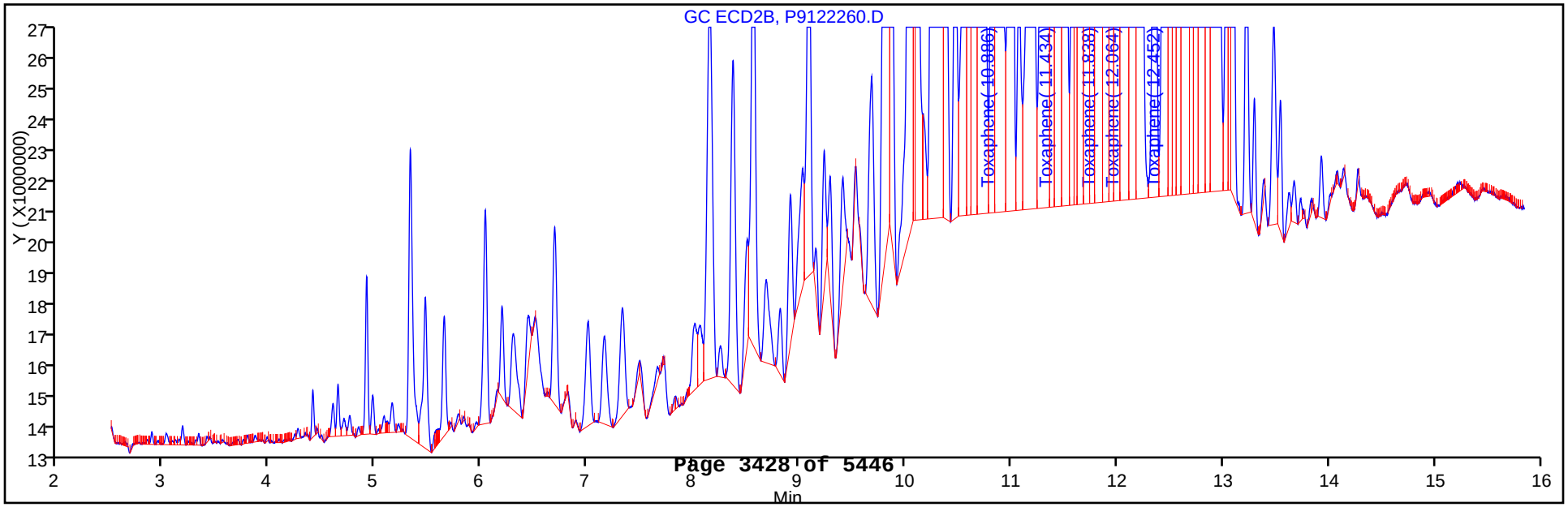
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122260.D		
Injection Date:	23-Dec-2012 11:33:23	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	60
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



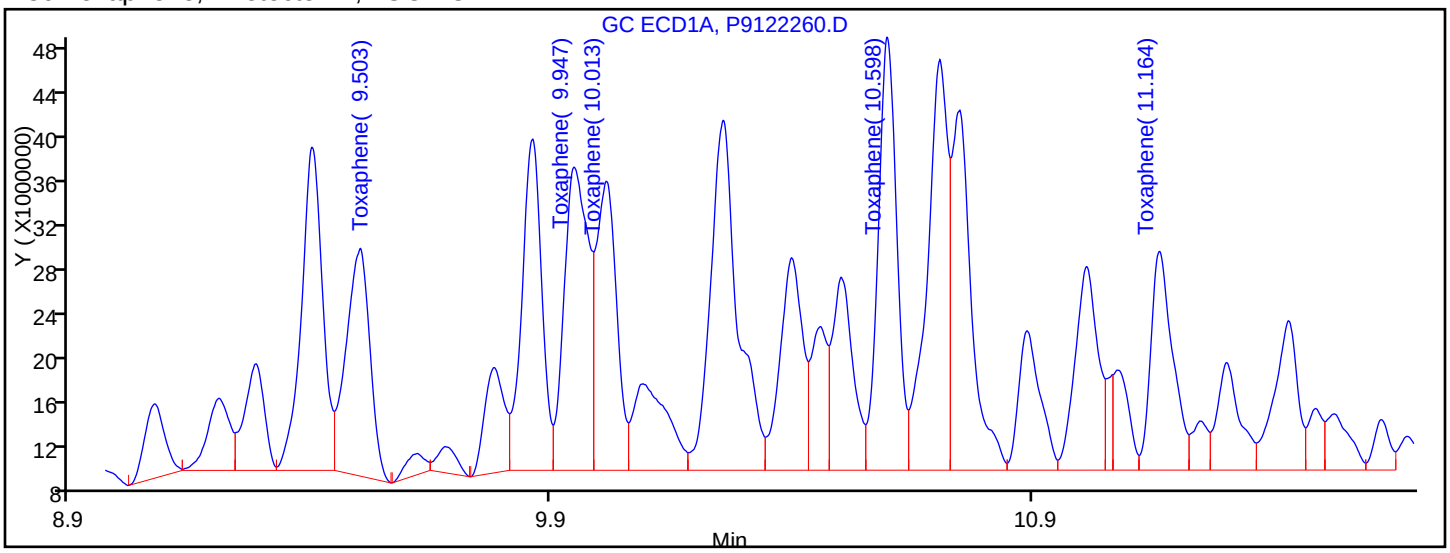
Report Date: 31-Dec-2012 13:53:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122260.D

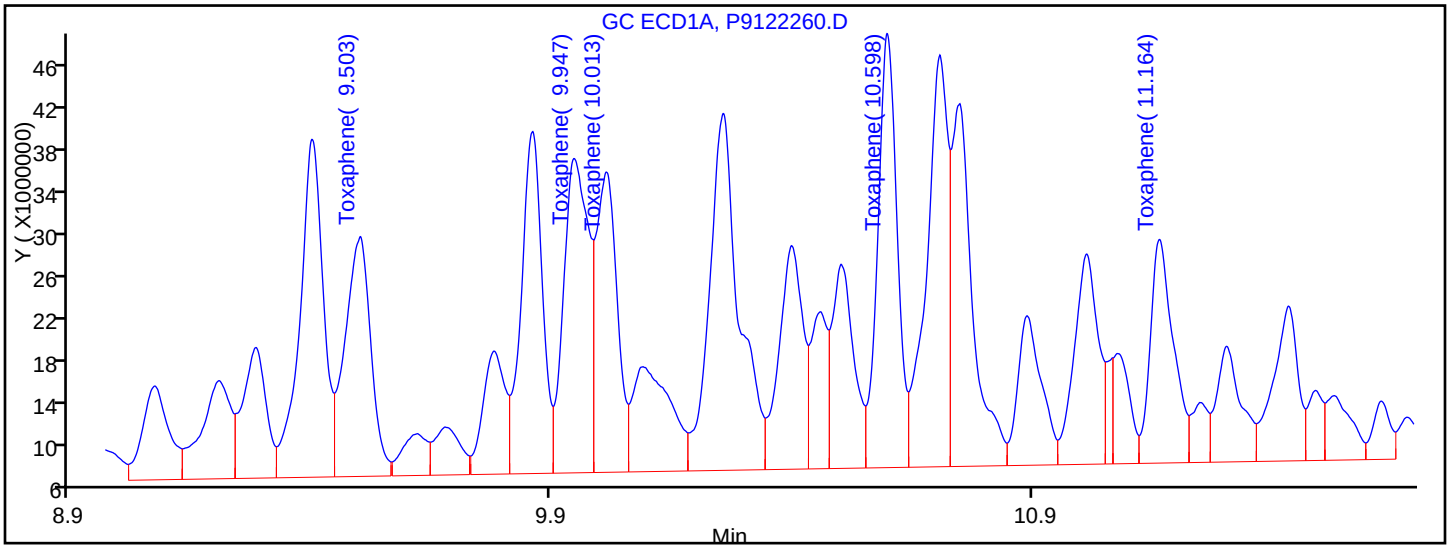
Injection Date:	23-Dec-2012 11:33:23	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	60
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.503	Response = 69538897	M
RT = 9.947	Response = 95518625	M
RT = 10.013	Response = 74723727	M
RT = 10.598	Response = 104324139	M
RT = 11.164	Response = 61806419	M



Manual Integration Results

RT = 9.503	Response = 82807318	M
RT = 9.947	Response = 106245166	M
RT = 10.013	Response = 83715573	M
RT = 10.598	Response = 113148758	M
RT = 11.164	Response = 69497788	M

Reviewer: vandorenc, 31-Dec-2012 13:39:32

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

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

SDG No.:

Lab Sample ID: CCV 240-69893/60 Calibration Date: 12/23/2012 11:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122260.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	265485355	305810455		1.15	1.00	15.2	20.0
Toxaphene Peak 2	Ave	165982849	188315390		1.13	1.00	13.5	20.0
Toxaphene Peak 3	Ave	171487862	184766948		1.08	1.00	7.7	20.0
Toxaphene Peak 4	Ave	256795996	283599016		1.10	1.00	10.4	20.0
Toxaphene Peak 5	Ave	122259762	126300518		1.03	1.00	3.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

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

SDG No.:

Lab Sample ID: CCV 240-69893/60 Calibration Date: 12/23/2012 11:33

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 13:58

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 15:48

Lab File ID: P9122260.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.89	10.86	10.92
Toxaphene Peak 2	11.43	11.40	11.46
Toxaphene Peak 3	11.84	11.81	11.87
Toxaphene Peak 4	12.06	12.03	12.09
Toxaphene Peak 5	12.45	12.42	12.48

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122260.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 23-Dec-2012 11:33:23 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016122-060
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 60
Lims Batch ID: 69893 Lims Sample ID: 60
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 31-Dec-2012 13:53:10 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK027

First Level Reviewer: vandorenc Date: 31-Dec-2012 13:39:32

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.503	9.503	0.000	82807318	1.20		100.0	M
1	2	9.947	9.947	0.000	106245166	1.24	105.5- 145.5	128.3	M
1	3	10.013	10.013	0.000	83715573	1.13	90.3- 130.3	101.1	M
1	4	10.598	10.598	0.000	113148758	1.15	116.9- 156.9	136.6	M
1	5	11.164	11.164	0.000	69497788	1.09	64.5- 104.5	83.9	M
			Average of Peak Amounts =			1.16			
2	100	10.886	10.886	0.000	305810455	1.15		100.0	
2	2	11.434	11.434	0.000	188315390	1.13	43.7- 83.7	61.6	
2	3	11.838	11.838	0.000	184766948	1.08	45.7- 85.7	60.4	
2	4	12.064	12.064	0.000	283599016	1.10	80.2- 120.2	92.7	
2	5	12.452	12.452	0.000	126300518	1.03	28.1- 68.1	41.3	
			Average of Peak Amounts =			1.10			
						RPD = 5.57			

QC Flag Legend

Review Flags
M - Manually Integrated

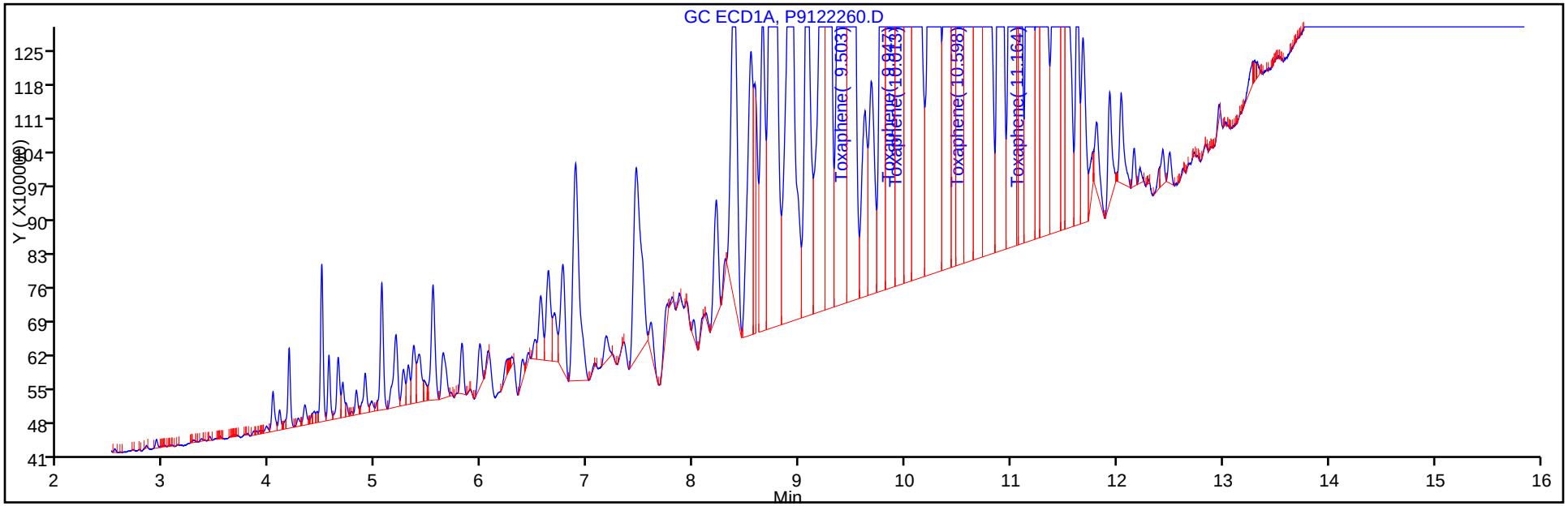
Report Date: 31-Dec-2012 13:53:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

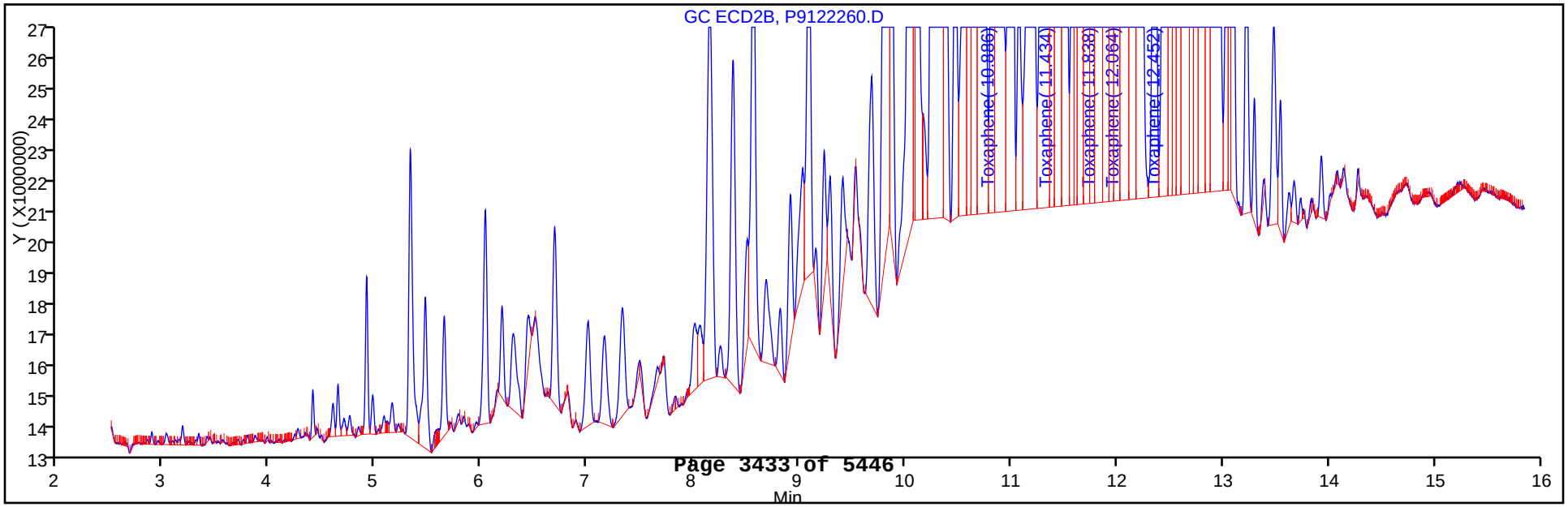
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122260.D

Injection Date:	23-Dec-2012 11:33:23	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	60
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68407/10-A

Matrix: Solid | Lab File ID: P9121417.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/12/2012 14:20

Sample wt/vol: 30.00(g) | Date Analyzed: 12/14/2012 08:33

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

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

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

Analysis Batch No.: 68628 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.67	U	2.0	0.67	0.62
72-55-9	4,4'-DDE	0.67	U	1.7	0.67	0.39
50-29-3	4,4'-DDT	0.67	U	2.0	0.67	0.63
309-00-2	Aldrin	1.3	U	4.0	1.3	1.2
319-84-6	alpha-BHC	1.3	U	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	1.3	U	3.0	1.3	0.94
319-85-7	beta-BHC	1.3	U	3.5	1.3	1.1
319-86-8	delta-BHC	1.3	U	4.0	1.3	1.2
60-57-1	Dieldrin	0.67	U	1.7	0.67	0.47
959-98-8	Endosulfan I	0.67	U	1.7	0.67	0.52
33213-65-9	Endosulfan II	1.3	U	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	1.3	U	3.0	1.3	0.87
72-20-8	Endrin	0.67	U	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	1.3	U	3.0	1.3	1.0
53494-70-5	Endrin ketone	0.67	U	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	1.3	U	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	0.67	U	1.7	0.67	0.42
76-44-8	Heptachlor	1.3	U	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	1.3	U	2.5	1.3	0.80
72-43-5	Methoxychlor	3.3	U	5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85	M	55-130
877-09-8	Tetrachloro-m-xylene	84		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121417.D
Lims ID: MB 240-68407/10-A Client ID:
Inject. Date: 14-Dec-2012 08:33:41 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015828-017
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 68628 Lims Sample ID: 17
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:01 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc Date: 18-Dec-2012 11:05:20

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.500	0.001	43558585	0.0168			
2	100	4.092	4.091	0.001	121090026	0.0157			
						RPD = 7.00			
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100		4.183						
2	100		4.918						
20 gamma-BHC (Lindane)									
1	100		4.560						
2	100		5.473						
7 beta-BHC									
1	100		4.690						
2	100		5.650						
11 delta-BHC									
1	100		4.905						
2	100		6.200						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.074						
1	2		5.929						
1	3		7.174						
1	4		7.520						
2	100		6.005						
2	2		7.509						
2	3		8.930						
2	4		9.242						
22 Heptachlor									
1	100		5.185						
2	100		6.298						
4 Aldrin									
1	100		5.637						
2	100		7.015						
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.865						
2	100		8.500						
21 gamma-Chlordane									
1	100		7.171						
2	100		8.928						
6 alpha-Chlordane									
1	100		7.523						
2	100		9.240						
14 Endosulfan I									
1	100		7.801						
2	100		9.302						
2 4,4'-DDE									
1	100		7.903						
2	100		9.701						
13 Dieldrin									
1	100		8.366						
2	100		9.836						
17 Endrin									
1	100		8.824						
2	100		10.360						
26 Kepone									
1	100		9.002						
2	100		10.667						
1 4,4'-DDD									
1	100		9.188						
2	100		10.730						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.275						
2	100		10.730						
30 Toxaphene									
1	100		9.507						
1	2		9.953						
1	3		10.019						
1	4		10.604						
1	5		11.168						
2	100		10.894						
2	2		11.442						
2	3		11.843						
2	4		12.071						
2	5		12.458						
3 4,4'-DDT									
1	100		9.709						
2	100		11.215						
18 Endrin aldehyde									
1	100		10.070						
2	100		11.304						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.659						
2	100		12.294						
16 Endosulfan sulfate									
1	100		10.793						
2	100		11.737						
19 Endrin ketone									
1	100		11.193						
2	100		12.475						
$ 10 DCB Decachlorobiphenyl									M
1	100	12.804	12.804	0.000	40453156	0.0169			M
2	100	14.251	14.252	-0.001	81652920	0.0142			
						RPD = 17.32			

QC Flag Legend

Review Flags
M - Manually Integrated

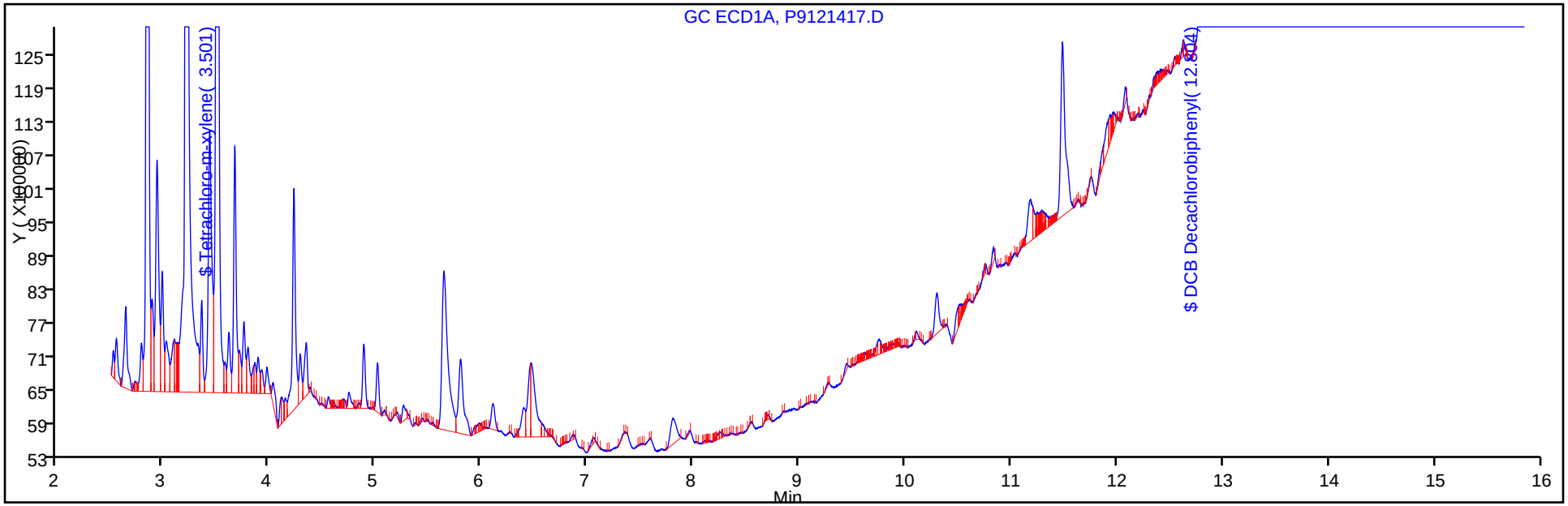
Report Date: 18-Dec-2012 11:09:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

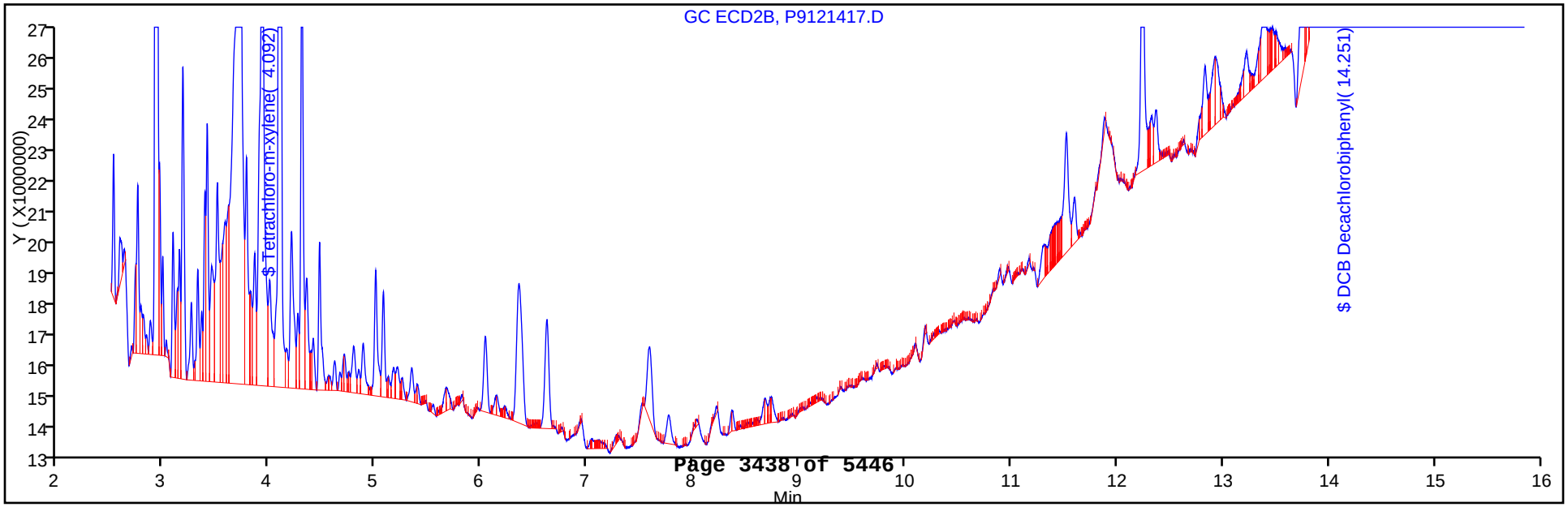
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121417.D

Injection Date:	14-Dec-2012 08:33:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 18-Dec-2012 11:09:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

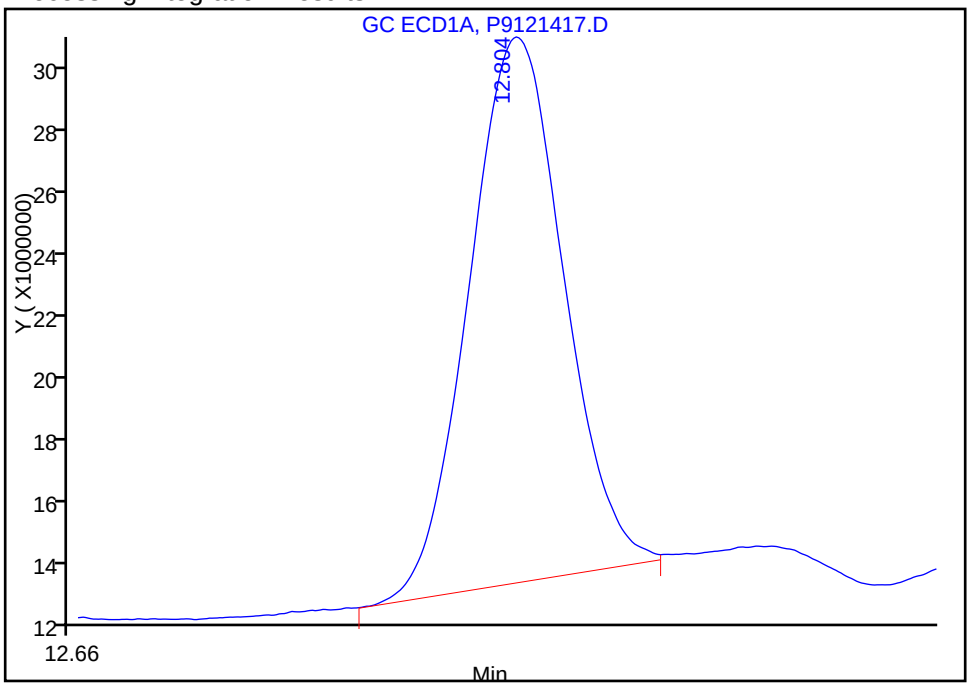
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121417.D		
Injection Date:	14-Dec-2012 08:33:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 10 DCB Decachlorobiphenyl, Signal: 1, Type: quant, RT: 12.80, Det: GC ECD1A

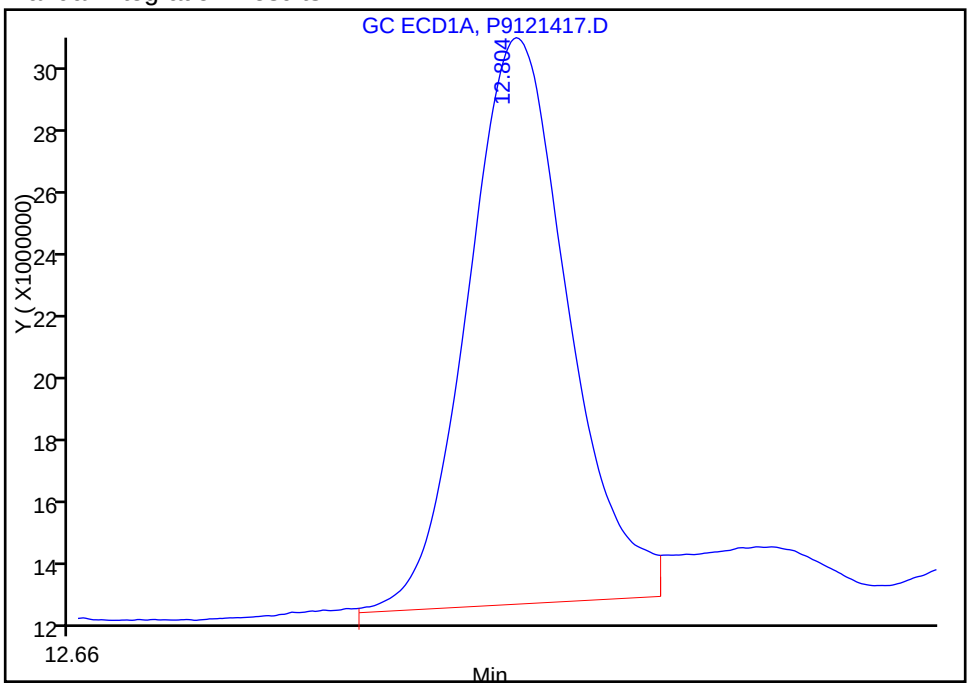
Processing Integration Results

RT: 12.80
Response: 36780584
Amount: 0.015395



Manual Integration Results

RT: 12.80
Response: 40453156
Amount: 0.016932



Reviewer: vandorenc, 18-Dec-2012 11:05:20
Audit Action: Assigned New Baseline
Audit Reason: Poor Chromatography

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-68407/10-A

Matrix: Solid Lab File ID: P9121417.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 12/12/2012 14:20

Sample wt/vol: 30.00(g) Date Analyzed: 12/14/2012 08:33

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

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

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

Analysis Batch No.: 68628 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	71		55-130
877-09-8	Tetrachloro-m-xylene	78		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121417.D
Lims ID: MB 240-68407/10-A Client ID:
Inject. Date: 14-Dec-2012 08:33:41 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015828-017
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 68628 Lims Sample ID: 17
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:01 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc Date: 18-Dec-2012 11:05:20

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.500	0.001	43558585	0.0168			
2	100	4.092	4.091	0.001	121090026	0.0157			
						RPD = 7.00			
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100		4.183						
2	100		4.918						
20 gamma-BHC (Lindane)									
1	100		4.560						
2	100		5.473						
7 beta-BHC									
1	100		4.690						
2	100		5.650						
11 delta-BHC									
1	100		4.905						
2	100		6.200						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.074						
1	2		5.929						
1	3		7.174						
1	4		7.520						
2	100		6.005						
2	2		7.509						
2	3		8.930						
2	4		9.242						
22 Heptachlor									
1	100		5.185						
2	100		6.298						
4 Aldrin									
1	100		5.637						
2	100		7.015						
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.865						
2	100		8.500						
21 gamma-Chlordane									
1	100		7.171						
2	100		8.928						
6 alpha-Chlordane									
1	100		7.523						
2	100		9.240						
14 Endosulfan I									
1	100		7.801						
2	100		9.302						
2 4,4'-DDE									
1	100		7.903						
2	100		9.701						
13 Dieldrin									
1	100		8.366						
2	100		9.836						
17 Endrin									
1	100		8.824						
2	100		10.360						
26 Kepone									
1	100		9.002						
2	100		10.667						
1 4,4'-DDD									
1	100		9.188						
2	100		10.730						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.275						
2	100		10.730						
30 Toxaphene									
1	100		9.507						
1	2		9.953						
1	3		10.019						
1	4		10.604						
1	5		11.168						
2	100		10.894						
2	2		11.442						
2	3		11.843						
2	4		12.071						
2	5		12.458						
3 4,4'-DDT									
1	100		9.709						
2	100		11.215						
18 Endrin aldehyde									
1	100		10.070						
2	100		11.304						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.659						
2	100		12.294						
16 Endosulfan sulfate									
1	100		10.793						
2	100		11.737						
19 Endrin ketone									
1	100		11.193						
2	100		12.475						
$ 10 DCB Decachlorobiphenyl									M
1	100	12.804	12.804	0.000	40453156	0.0169			M
2	100	14.251	14.252	-0.001	81652920	0.0142			
						RPD = 17.32			

QC Flag Legend

Review Flags
M - Manually Integrated

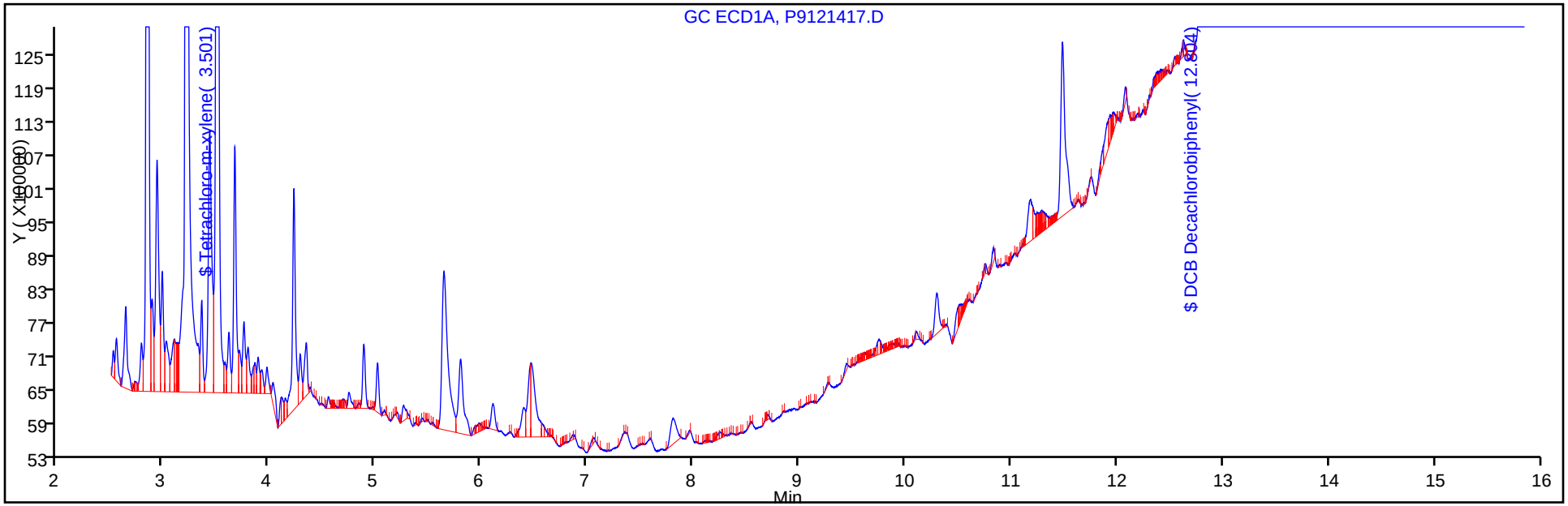
Report Date: 18-Dec-2012 11:09:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

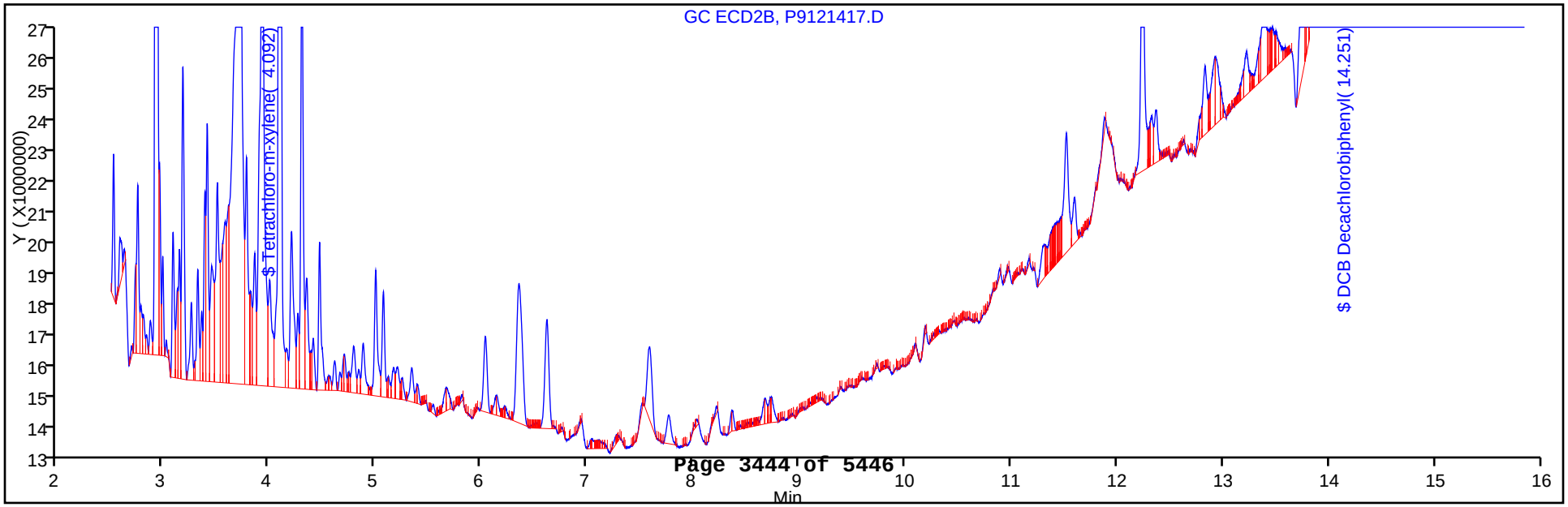
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121417.D

Injection Date:	14-Dec-2012 08:33:41	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69197/10-A

Matrix: Solid | Lab File ID: P3122035.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:19

Sample wt/vol: 30(g) | Date Analyzed: 12/20/2012 18:57

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

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

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

Analysis Batch No.: 69512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.67	U	2.0	0.67	0.62
72-55-9	4,4'-DDE	0.67	U	1.7	0.67	0.39
50-29-3	4,4'-DDT	0.67	U	2.0	0.67	0.63
309-00-2	Aldrin	1.3	U	4.0	1.3	1.2
319-84-6	alpha-BHC	1.3	U	2.5	1.3	0.73
5103-71-9	alpha-Chlordane	1.3	U	3.0	1.3	0.94
319-85-7	beta-BHC	1.3	U	3.5	1.3	1.1
319-86-8	delta-BHC	1.3	U	4.0	1.3	1.2
60-57-1	Dieldrin	0.67	U	1.7	0.67	0.47
959-98-8	Endosulfan I	0.67	U	1.7	0.67	0.52
33213-65-9	Endosulfan II	1.3	U	2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	1.3	U	3.0	1.3	0.87
72-20-8	Endrin	0.67	U	1.7	0.67	0.50
7421-93-4	Endrin aldehyde	1.3	U	3.0	1.3	1.0
53494-70-5	Endrin ketone	0.67	U	2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	1.3	U	2.5	1.3	0.74
5103-74-2	gamma-Chlordane	0.67	U	1.7	0.67	0.42
76-44-8	Heptachlor	1.3	U	3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	1.3	U	2.5	1.3	0.80
72-43-5	Methoxychlor	3.3	U M	5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		55-130
877-09-8	Tetrachloro-m-xylene	78		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122035.D
Lims ID: MB 240-69197/10-A Client ID:
Inject. Date: 20-Dec-2012 18:57:01 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016042-035
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 35
Lims Batch ID: 69512 Lims Sample ID: 35
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 09:24:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.618	0.000	16828306	0.0155			
2	100	4.386	4.385	0.001	11111384	0.0154			
						RPD = 0.55			
24 Hexachlorobenzene									
1	100		4.143						
2	100		4.847						
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
8 Chlordane (technical)									
1	100		4.755						
1	2		5.307						
1	3		5.950						
1	4		6.066						
2	100		5.416						
2	2		6.040						
2	3		6.949						
2	4		7.004						
7 beta-BHC									
1	100		4.839						
2	100		5.324						
22 Heptachlor									
1	100		4.906						
2	100		5.636						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
25 Isodrin									
1	100		5.531						
2	100		6.410						
23 Heptachlor epoxide									
1	100		5.686						
2	100		6.534						
12 Diallate									
1	100		5.797						
1	2		6.015						
2	100		6.496						
2	2		6.661						
21 gamma-Chlordane									
1	100		5.948						
2	100		6.896						
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									
1	100		6.341						
2	100		7.139						
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
26 Kepone									
1	100		6.903						
2	100		7.810						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						
3 4,4'-DDT									
1	100		7.272						
2	100		7.984						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100		7.550						
2	100		8.172						
27 Methoxychlor									
1	100	7.992	7.986	0.006	274927	0.000704			M
2	100	8.423	8.424	-0.001	288020	0.001675			
						RPD = 81.64			
19 Endrin ketone									
1	100		8.134						
2	100		8.569						
28 Mirex									
1	100		8.279						
2	100		9.197						
$ 10 DCB Decachlorobiphenyl									M
1	100	9.277	9.278	-0.001	16511097	0.0166			
2	100	10.394	10.390	0.004	7957832	0.0137			M
						RPD = 19.50			
9 Chlorobenzilate									
1	100		10.885						
2	100		11.705						

QC Flag Legend

Review Flags
M - Manually Integrated

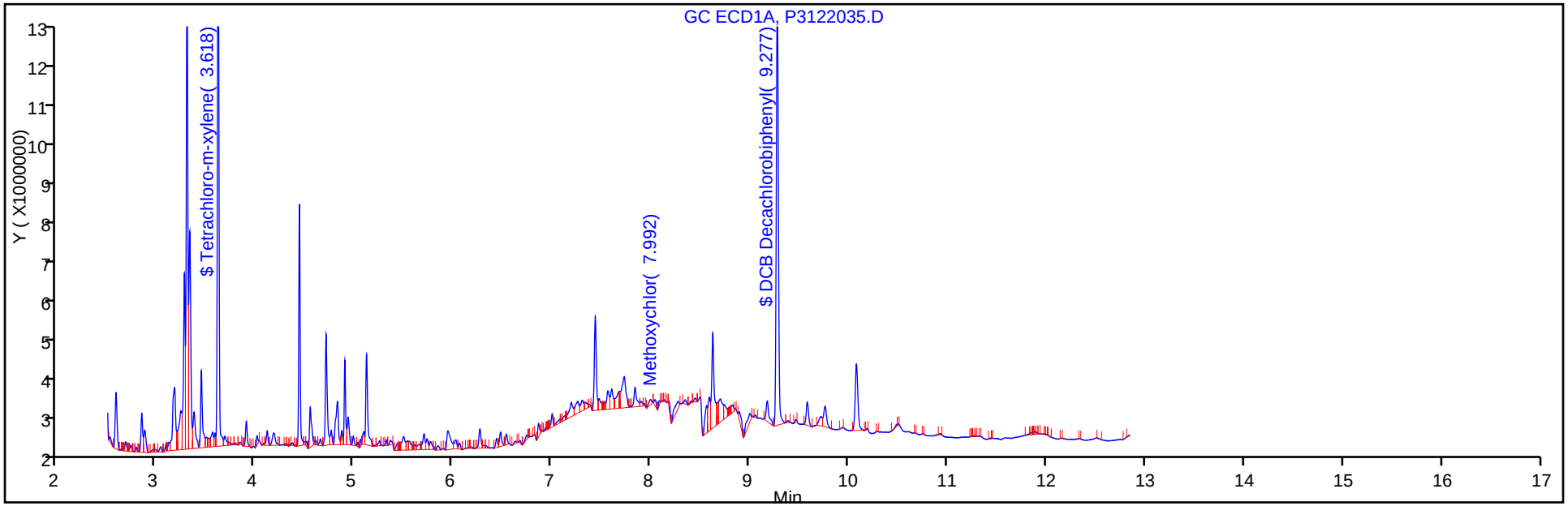
Report Date: 21-Dec-2012 09:49:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

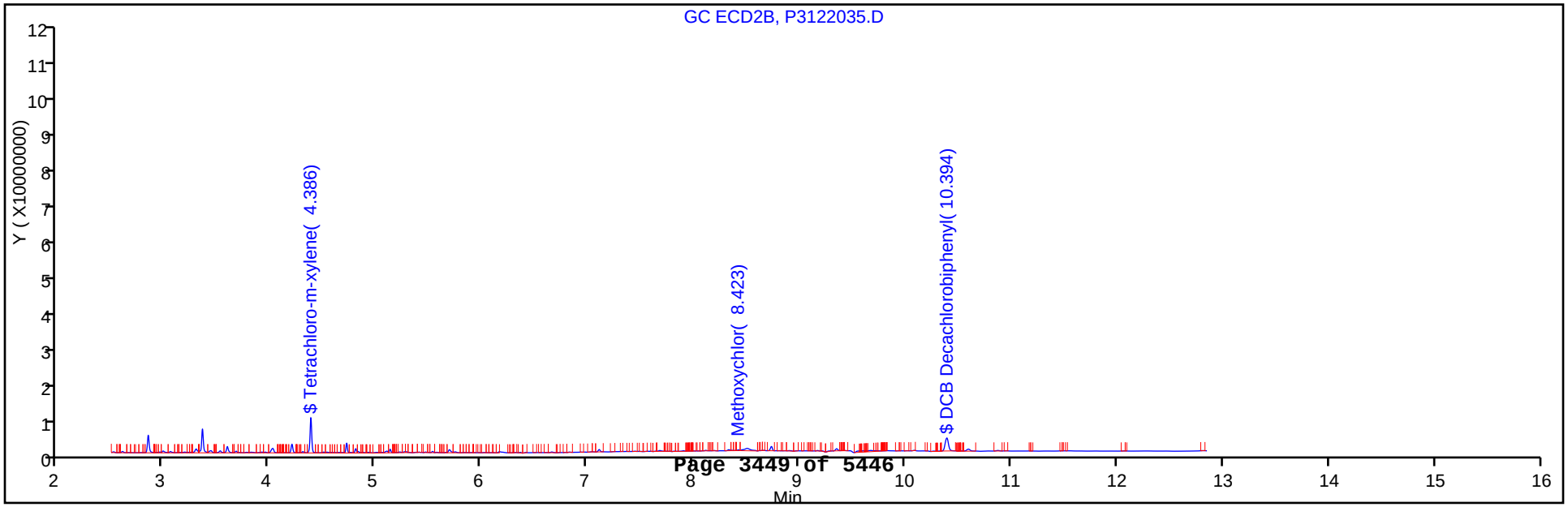
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122035.D

Injection Date:	20-Dec-2012 18:57:01	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	35
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69197/10-A

Matrix: Solid Lab File ID: P3122035.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 12/18/2012 10:19

Sample wt/vol: 30(g) Date Analyzed: 12/20/2012 18:57

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

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

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

Analysis Batch No.: 69512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	68	*M*	55-130
877-09-8	Tetrachloro-m-xylene	77		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122035.D
Lims ID: MB 240-69197/10-A Client ID:
Inject. Date: 20-Dec-2012 18:57:01 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016042-035
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 35
Lims Batch ID: 69512 Lims Sample ID: 35
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 09:24:02

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.618	0.000	16828306	0.0155			
2	100	4.386	4.385	0.001	11111384	0.0154			
						RPD = 0.55			
24 Hexachlorobenzene									
1	100		4.143						
2	100		4.847						
5 alpha-BHC									
1	100		4.265						
2	100		4.771						
20 gamma-BHC (Lindane)									
1	100		4.608						
2	100		5.057						
8 Chlordane (technical)									
1	100		4.755						
1	2		5.307						
1	3		5.950						
1	4		6.066						
2	100		5.416						
2	2		6.040						
2	3		6.949						
2	4		7.004						
7 beta-BHC									
1	100		4.839						
2	100		5.324						
22 Heptachlor									
1	100		4.906						
2	100		5.636						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
11 delta-BHC									
1	100		5.059						
2	100		5.576						
4 Aldrin									
1	100		5.156						
2	100		6.006						
25 Isodrin									
1	100		5.531						
2	100		6.410						
23 Heptachlor epoxide									
1	100		5.686						
2	100		6.534						
12 Diallate									
1	100		5.797						
1	2		6.015						
2	100		6.496						
2	2		6.661						
21 gamma-Chlordane									
1	100		5.948						
2	100		6.896						
6 alpha-Chlordane									
1	100		6.066						
2	100		6.949						
14 Endosulfan I									
1	100		6.114						
2	100		6.981						
2 4,4'-DDE									
1	100		6.341						
2	100		7.139						
13 Dieldrin									
1	100		6.448						
2	100		7.260						
17 Endrin									
1	100		6.793						
2	100		7.497						
26 Kepone									
1	100		6.903						
2	100		7.810						
1 4,4'-DDD									
1	100		6.984						
2	100		7.678						
15 Endosulfan II									
1	100		7.091						
2	100		7.776						
3 4,4'-DDT									
1	100		7.272						
2	100		7.984						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
18 Endrin aldehyde									
1	100		7.339						
2	100		7.888						
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100		7.550						
2	100		8.172						
27 Methoxychlor									
1	100	7.992	7.986	0.006	274927	0.000704			M
2	100	8.423	8.424	-0.001	288020	0.001675			
						RPD = 81.64			
19 Endrin ketone									
1	100		8.134						
2	100		8.569						
28 Mirex									
1	100		8.279						
2	100		9.197						
$ 10 DCB Decachlorobiphenyl									M
1	100	9.277	9.278	-0.001	16511097	0.0166			
2	100	10.394	10.390	0.004	7957832	0.0137			M
						RPD = 19.50			
9 Chlorobenzilate									
1	100		10.885						
2	100		11.705						

QC Flag Legend

Review Flags
M - Manually Integrated

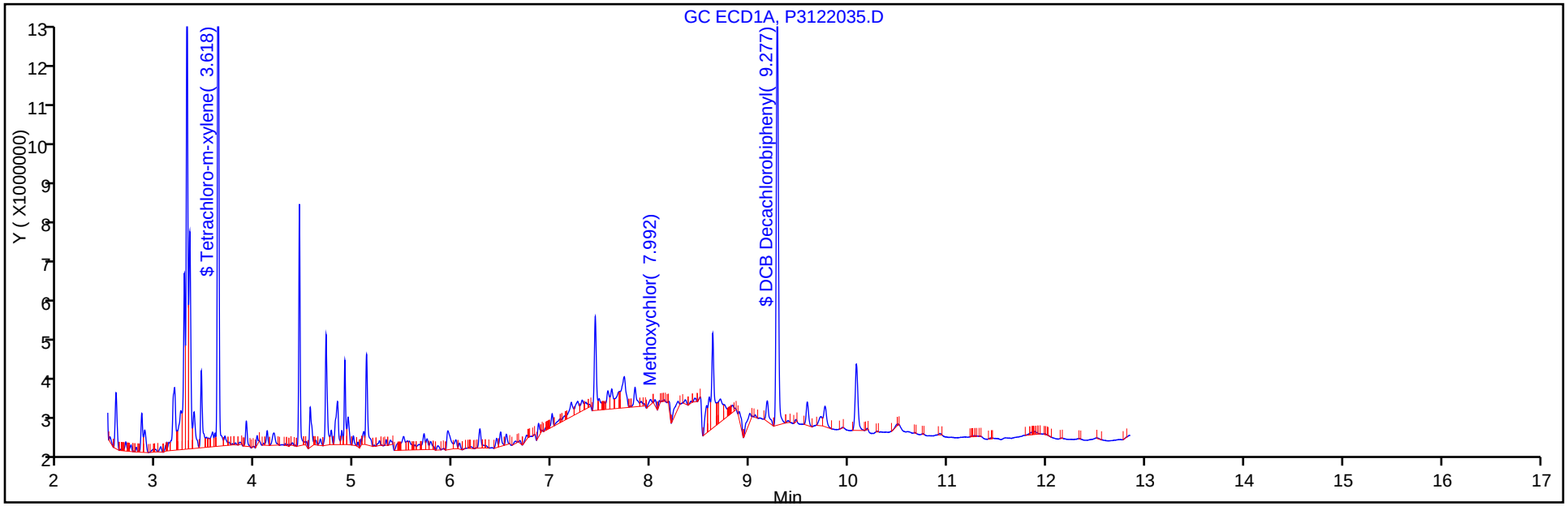
Report Date: 21-Dec-2012 09:49:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

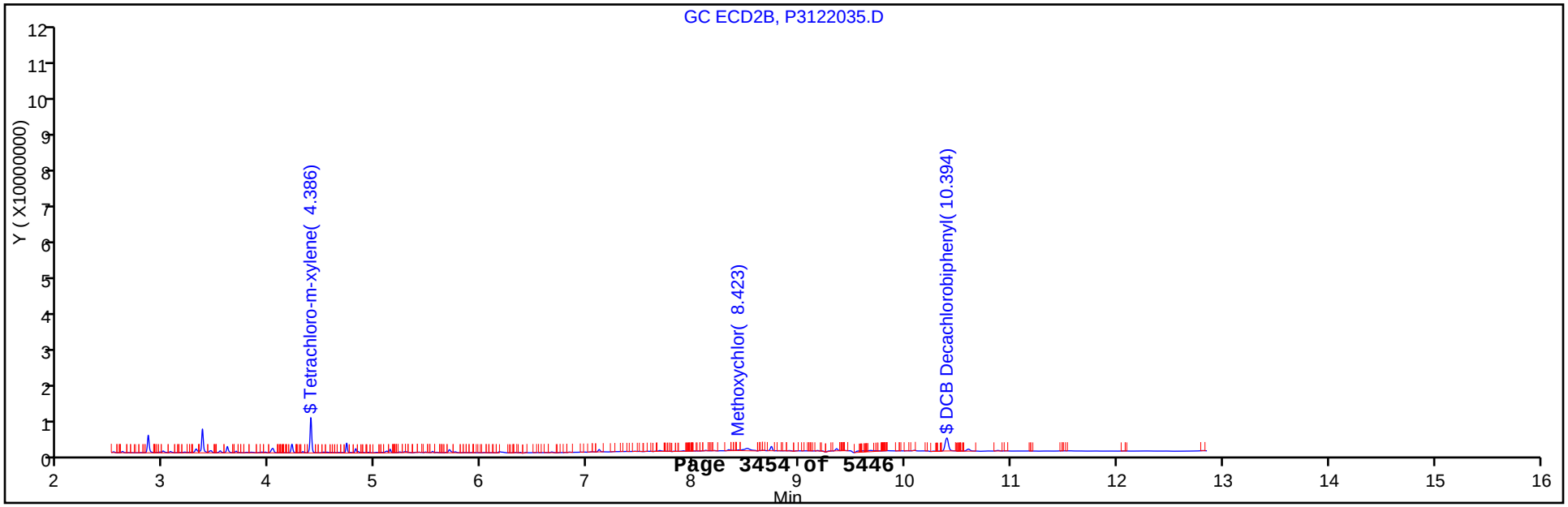
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122035.D

Injection Date:	20-Dec-2012 18:57:01	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	35
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

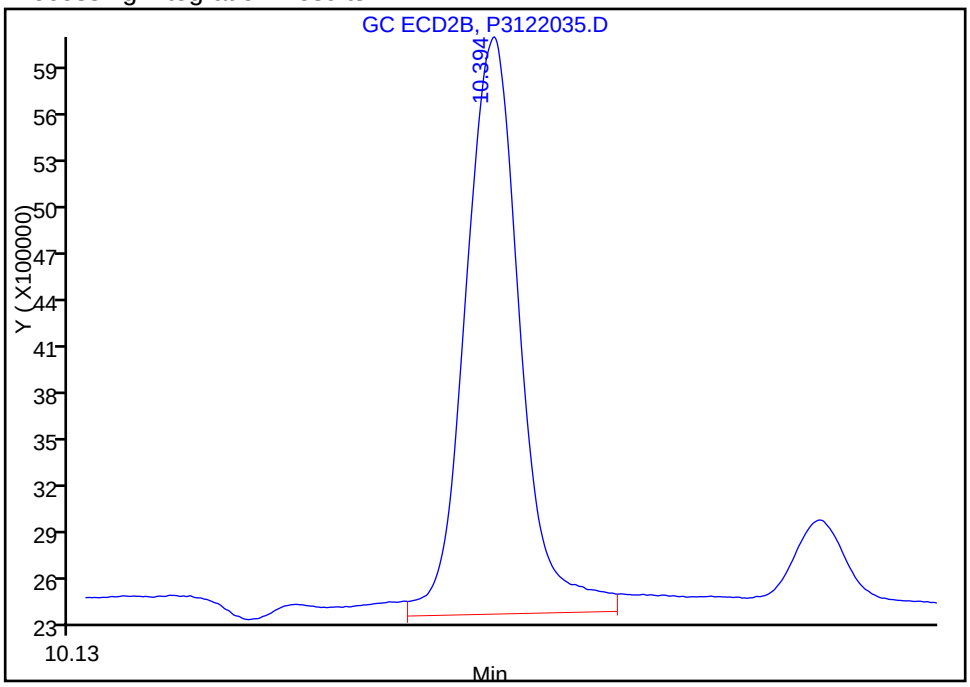
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122035.D		
Injection Date:	20-Dec-2012 18:57:01	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	35
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 10 DCB Decachlorobiphenyl, Signal: 2, Type: quant, RT: 10.39, Det: GC ecd2b

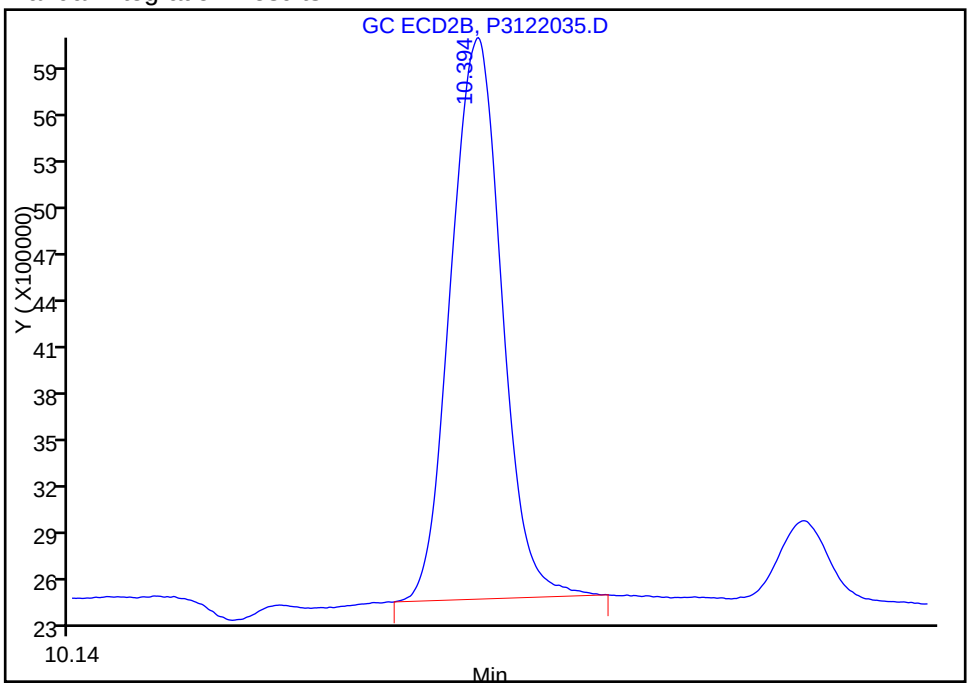
Processing Integration Results

RT: 10.39
Response: 8756260
Amount: 0.015044



Manual Integration Results

RT: 10.39
Response: 7957832
Amount: 0.013672



Reviewer: vandorenc, 21-Dec-2012 09:24:02
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68407/9-A

Matrix: Solid | Lab File ID: P9121408.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/12/2012 14:20

Sample wt/vol: 30.00(g) | Date Analyzed: 12/14/2012 04:26

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

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

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

Analysis Batch No.: 68628 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	27.8		2.0	0.67	0.62
72-55-9	4,4'-DDE	26.2		1.7	0.67	0.39
50-29-3	4,4'-DDT	26.3		2.0	0.67	0.63
309-00-2	Aldrin	26.7		4.0	1.3	1.2
319-84-6	alpha-BHC	26.8		2.5	1.3	0.73
5103-71-9	alpha-Chlordane	25.6		3.0	1.3	0.94
319-85-7	beta-BHC	24.3		3.5	1.3	1.1
319-86-8	delta-BHC	26.8		4.0	1.3	1.2
60-57-1	Dieldrin	28.5		1.7	0.67	0.47
959-98-8	Endosulfan I	24.2		1.7	0.67	0.52
33213-65-9	Endosulfan II	23.5		2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	26.3		3.0	1.3	0.87
72-20-8	Endrin	27.5		1.7	0.67	0.50
7421-93-4	Endrin aldehyde	25.8		3.0	1.3	1.0
53494-70-5	Endrin ketone	25.3		2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	24.9		2.5	1.3	0.74
5103-74-2	gamma-Chlordane	26.0		1.7	0.67	0.42
76-44-8	Heptachlor	25.9		3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	28.4		2.5	1.3	0.80
72-43-5	Methoxychlor	26.3		5.0	3.3	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	76		55-130
877-09-8	Tetrachloro-m-xylene	78		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121408.D
Lims ID: LCS 240-68407/9-A Client ID:
Inject. Date: 14-Dec-2012 04:26:56 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015828-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 68628 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:01 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.500	0.001	40282091	0.0155			
2	100	4.093	4.091	0.002	125434129	0.0162			
						RPD = 4.34			
5 alpha-BHC									
1	100	4.184	4.183	0.001	275380747	0.0805			
2	100	4.919	4.918	0.001	877971476	0.0813			
						RPD = 1.00			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	217239352	0.0746			
2	100	5.474	5.473	0.001	691319931	0.0770			
						RPD = 3.27			
7 beta-BHC									
1	100	4.692	4.690	0.002	91288156	0.0730			
2	100	5.650	5.650	0.000	289874002	0.0768			
						RPD = 5.10			
11 delta-BHC									
1	100	4.905	4.905	0.000	246399138	0.0805			
2	100	6.200	6.200	0.000	809058457	0.0858			
						RPD = 6.42			
22 Heptachlor									
1	100	5.187	5.185	0.002	206360844	0.0777			
2	100	6.299	6.298	0.001	597891226	0.0751			
						RPD = 3.38			
4 Aldrin									
1	100	5.638	5.637	0.001	255227591	0.0800			
2	100	7.016	7.015	0.001	720769866	0.0814			
						RPD = 1.77			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.866	6.865	0.001	220269776	0.0853			
2	100	8.502	8.500	0.002	603602176	0.0828			
						RPD = 3.08			
21 gamma-Chlordane									
1	100	7.172	7.171	0.001	219488466	0.0781			
2	100	8.929	8.928	0.001	579188821	0.0775			
						RPD = 0.71			
6 alpha-Chlordane									
1	100	7.524	7.523	0.001	223511548	0.0767			
2	100	9.242	9.240	0.002	602570080	0.0797			
						RPD = 3.85			
14 Endosulfan I									
1	100	7.801	7.801	0.000	176203910	0.0725			
2	100	9.302	9.302	0.000	440688590	0.0711			
						RPD = 1.89			
2 4,4'-DDE									
1	100	7.903	7.903	0.000	234372291	0.0785			
2	100	9.701	9.701	0.000	614882860	0.0820			
						RPD = 4.31			
13 Dieldrin									
1	100	8.367	8.366	0.001	213513489	0.0855			
2	100	9.838	9.836	0.002	574398124	0.0844			
						RPD = 1.30			
17 Endrin									
1	100	8.824	8.824	0.000	187037365	0.0825			
2	100	10.360	10.360	0.000	494049337	0.0781			
						RPD = 5.54			
1 4,4'-DDD									
1	100	9.187	9.188	-0.001	153232957	0.0834			
2	100	10.729	10.730	-0.001	839984333	0.0778			
						RPD = 6.93			
15 Endosulfan II									
1	100	9.274	9.275	-0.001	166410828	0.0705			
2	100	10.729	10.730	-0.001	839984333	0.0768			
						RPD = 8.50			
3 4,4'-DDT									
1	100	9.709	9.709	0.000	157632746	0.0790			
2	100	11.215	11.215	0.000	376881974	0.0765			
						RPD = 3.31			
18 Endrin aldehyde									
1	100	10.070	10.070	0.000	139047038	0.0773			
2	100	11.304	11.304	0.000	340599404	0.0720			
						RPD = 7.07			
27 Methoxychlor									
1	100	10.659	10.659	0.000	73856802	0.0790			
2	100	12.294	12.294	0.000	175373118	0.0705			
						RPD = 11.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.794	10.793	0.001	171129764	0.0788			
2	100	11.737	11.737	0.000	457069816	0.0807			
						RPD = 2.34			
19 Endrin ketone									
1	100	11.192	11.193	-0.001	170179971	0.0758			
2	100	12.474	12.475	-0.001	416339332	0.0722			
						RPD = 4.94			
$ 10 DCB Decachlorobiphenyl									
1	100	12.804	12.804	0.000	36275513	0.0152			
2	100	14.252	14.252	0.000	86938248	0.0152			
						RPD = 0.19			

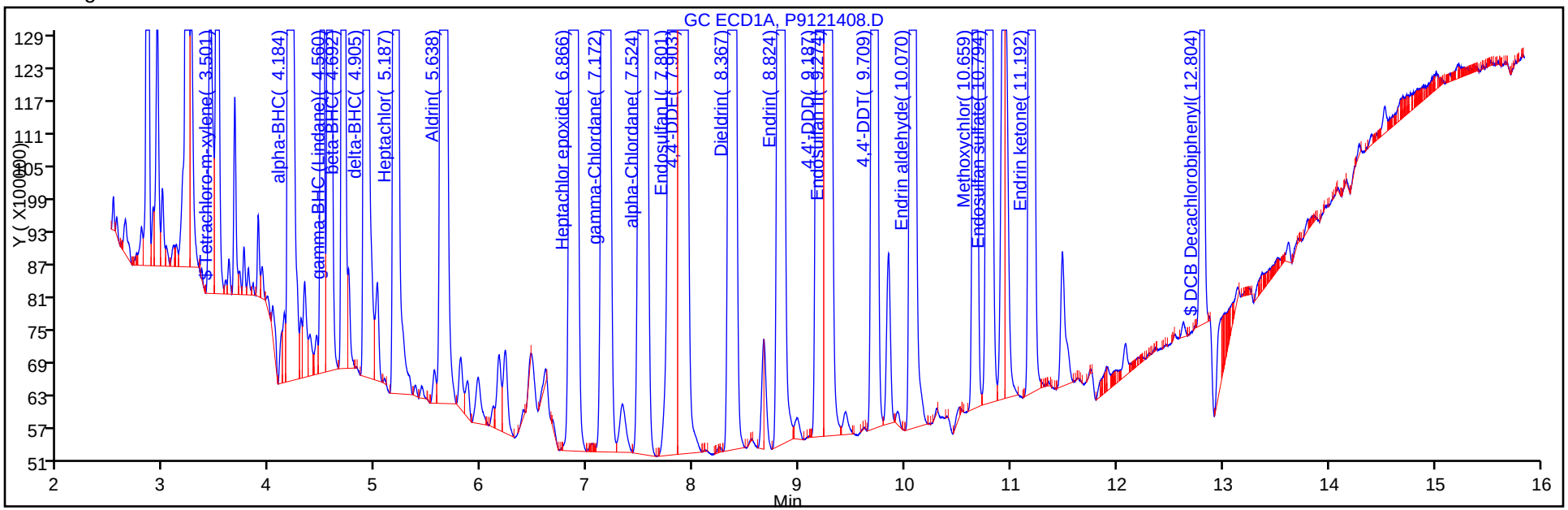
Report Date: 18-Dec-2012 11:09:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

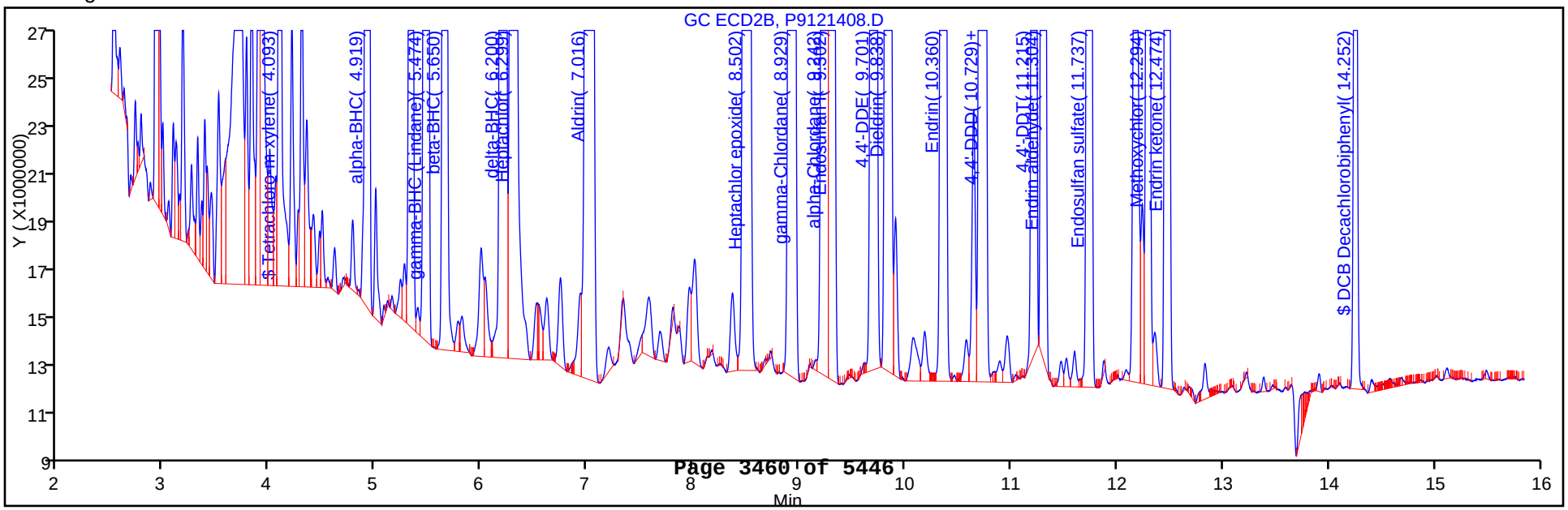
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121408.D

Injection Date:	14-Dec-2012 04:26:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	8
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68407/9-A

Matrix: Solid Lab File ID: P9121408.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 12/12/2012 14:20

Sample wt/vol: 30.00(g) Date Analyzed: 12/14/2012 04:26

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

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

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

Analysis Batch No.: 68628 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	76		55-130
877-09-8	Tetrachloro-m-xylene	81		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121408.D
Lims ID: LCS 240-68407/9-A Client ID:
Inject. Date: 14-Dec-2012 04:26:56 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015828-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 68628 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:01 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.501	3.500	0.001	40282091	0.0155			
2	100	4.093	4.091	0.002	125434129	0.0162			
						RPD = 4.34			
5 alpha-BHC									
1	100	4.184	4.183	0.001	275380747	0.0805			
2	100	4.919	4.918	0.001	877971476	0.0813			
						RPD = 1.00			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	217239352	0.0746			
2	100	5.474	5.473	0.001	691319931	0.0770			
						RPD = 3.27			
7 beta-BHC									
1	100	4.692	4.690	0.002	91288156	0.0730			
2	100	5.650	5.650	0.000	289874002	0.0768			
						RPD = 5.10			
11 delta-BHC									
1	100	4.905	4.905	0.000	246399138	0.0805			
2	100	6.200	6.200	0.000	809058457	0.0858			
						RPD = 6.42			
22 Heptachlor									
1	100	5.187	5.185	0.002	206360844	0.0777			
2	100	6.299	6.298	0.001	597891226	0.0751			
						RPD = 3.38			
4 Aldrin									
1	100	5.638	5.637	0.001	255227591	0.0800			
2	100	7.016	7.015	0.001	720769866	0.0814			
						RPD = 1.77			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.866	6.865	0.001	220269776	0.0853			
2	100	8.502	8.500	0.002	603602176	0.0828			
						RPD = 3.08			
21 gamma-Chlordane									
1	100	7.172	7.171	0.001	219488466	0.0781			
2	100	8.929	8.928	0.001	579188821	0.0775			
						RPD = 0.71			
6 alpha-Chlordane									
1	100	7.524	7.523	0.001	223511548	0.0767			
2	100	9.242	9.240	0.002	602570080	0.0797			
						RPD = 3.85			
14 Endosulfan I									
1	100	7.801	7.801	0.000	176203910	0.0725			
2	100	9.302	9.302	0.000	440688590	0.0711			
						RPD = 1.89			
2 4,4'-DDE									
1	100	7.903	7.903	0.000	234372291	0.0785			
2	100	9.701	9.701	0.000	614882860	0.0820			
						RPD = 4.31			
13 Dieldrin									
1	100	8.367	8.366	0.001	213513489	0.0855			
2	100	9.838	9.836	0.002	574398124	0.0844			
						RPD = 1.30			
17 Endrin									
1	100	8.824	8.824	0.000	187037365	0.0825			
2	100	10.360	10.360	0.000	494049337	0.0781			
						RPD = 5.54			
1 4,4'-DDD									
1	100	9.187	9.188	-0.001	153232957	0.0834			
2	100	10.729	10.730	-0.001	839984333	0.0778			
						RPD = 6.93			
15 Endosulfan II									
1	100	9.274	9.275	-0.001	166410828	0.0705			
2	100	10.729	10.730	-0.001	839984333	0.0768			
						RPD = 8.50			
3 4,4'-DDT									
1	100	9.709	9.709	0.000	157632746	0.0790			
2	100	11.215	11.215	0.000	376881974	0.0765			
						RPD = 3.31			
18 Endrin aldehyde									
1	100	10.070	10.070	0.000	139047038	0.0773			
2	100	11.304	11.304	0.000	340599404	0.0720			
						RPD = 7.07			
27 Methoxychlor									
1	100	10.659	10.659	0.000	73856802	0.0790			
2	100	12.294	12.294	0.000	175373118	0.0705			
						RPD = 11.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.794	10.793	0.001	171129764	0.0788			
2	100	11.737	11.737	0.000	457069816	0.0807			
						RPD = 2.34			
19 Endrin ketone									
1	100	11.192	11.193	-0.001	170179971	0.0758			
2	100	12.474	12.475	-0.001	416339332	0.0722			
						RPD = 4.94			
$ 10 DCB Decachlorobiphenyl									
1	100	12.804	12.804	0.000	36275513	0.0152			
2	100	14.252	14.252	0.000	86938248	0.0152			
						RPD = 0.19			

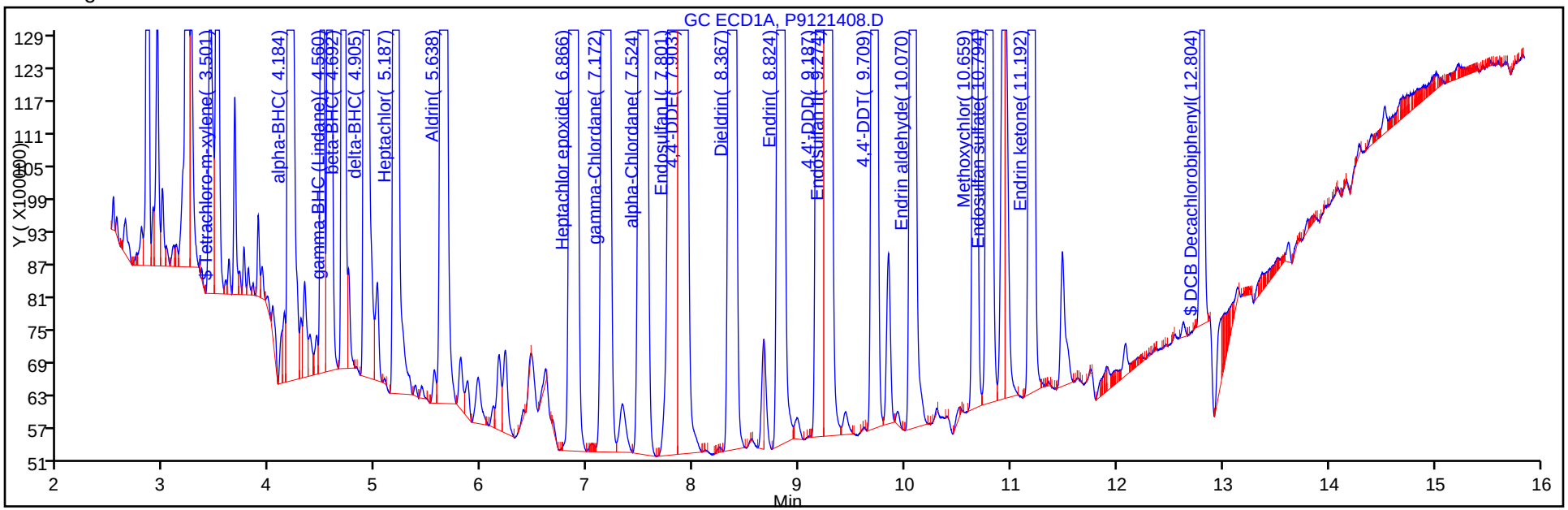
Report Date: 18-Dec-2012 11:09:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

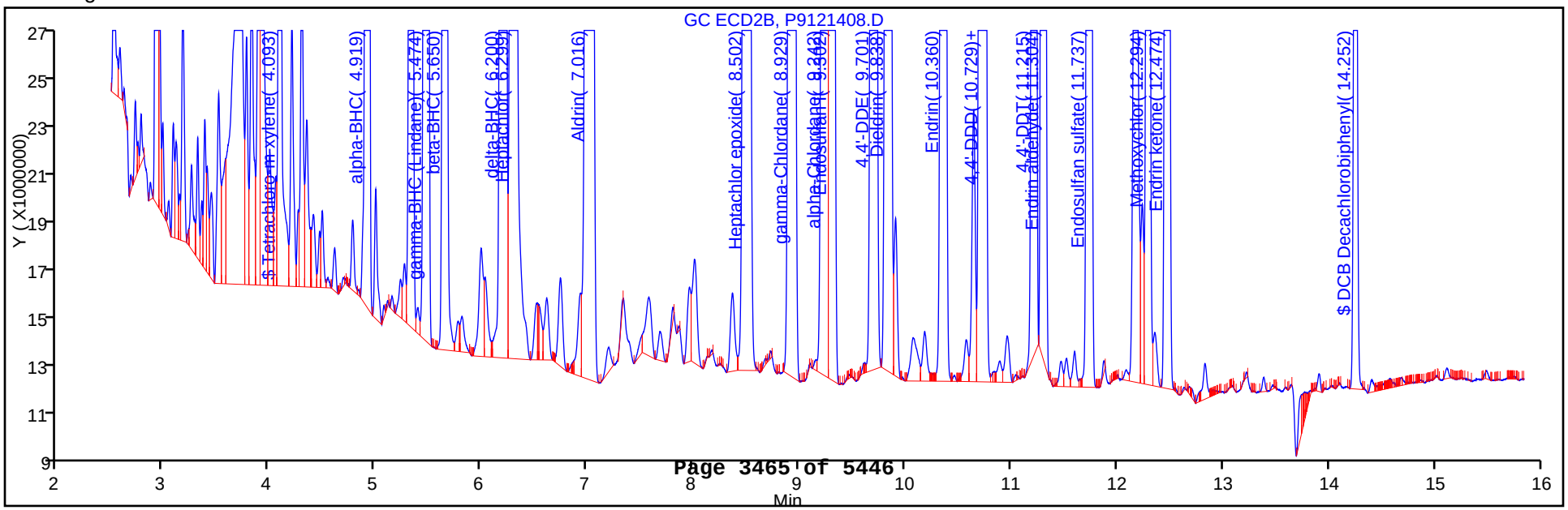
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121408.D

Injection Date:	14-Dec-2012 04:26:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	8
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-69197/11-A

Matrix: Solid | Lab File ID: P3122026.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:19

Sample wt/vol: 30(g) | Date Analyzed: 12/20/2012 15:46

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

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

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

Analysis Batch No.: 69512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	27.6		2.0	0.67	0.62
72-55-9	4,4'-DDE	27.2		1.7	0.67	0.39
50-29-3	4,4'-DDT	28.8		2.0	0.67	0.63
309-00-2	Aldrin	26.9		4.0	1.3	1.2
319-84-6	alpha-BHC	28.4		2.5	1.3	0.73
5103-71-9	alpha-Chlordane	26.4		3.0	1.3	0.94
319-85-7	beta-BHC	26.3		3.5	1.3	1.1
319-86-8	delta-BHC	28.4		4.0	1.3	1.2
60-57-1	Dieldrin	28.5		1.7	0.67	0.47
959-98-8	Endosulfan I	22.3		1.7	0.67	0.52
33213-65-9	Endosulfan II	23.9		2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	27.2		3.0	1.3	0.87
72-20-8	Endrin	26.5		1.7	0.67	0.50
7421-93-4	Endrin aldehyde	24.6		3.0	1.3	1.0
53494-70-5	Endrin ketone	24.3		2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	27.8		2.5	1.3	0.74
5103-74-2	gamma-Chlordane	26.5		1.7	0.67	0.42
76-44-8	Heptachlor	26.7		3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	27.3		2.5	1.3	0.80
72-43-5	Methoxychlor	25.9		5.0	3.3	1.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	79		55-130
877-09-8	Tetrachloro-m-xylene	85		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122026.D
Lims ID: LCS 240-69197/11-A Client ID:
Inject. Date: 20-Dec-2012 15:46:50 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016042-026
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 69512 Lims Sample ID: 26
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.619	3.618	0.001	18349264	0.0169			
2	100	4.387	4.385	0.002	11819411	0.0164			
						RPD = 3.03			
5 alpha-BHC									
1	100	4.266	4.265	0.001	118556021	0.0852			
2	100	4.773	4.771	0.002	65939967	0.0869			
						RPD = 1.92			
20 gamma-BHC (Lindane)									
1	100	4.611	4.608	0.003	99562514	0.0835			
2	100	5.060	5.057	0.003	52451727	0.0839			
						RPD = 0.53			
7 beta-BHC									
1	100	4.840	4.839	0.001	43532437	0.0788			
2	100	5.327	5.324	0.003	23774326	0.0808			
						RPD = 2.60			
22 Heptachlor									
1	100	4.907	4.906	0.001	89983849	0.0802			
2	100	5.639	5.636	0.003	43272416	0.0815			
						RPD = 1.58			
11 delta-BHC									
1	100	5.060	5.059	0.001	102649679	0.0852			
2	100	5.579	5.576	0.003	54956986	0.0893			
						RPD = 4.72			
4 Aldrin									
1	100	5.157	5.156	0.001	99627752	0.0806			
2	100	6.010	6.006	0.004	58894783	0.0849			
						RPD = 5.20			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.688	5.686	0.002	87671877	0.0818			
2	100	6.536	6.534	0.002	47485494	0.0842			
						RPD = 2.85			
21 gamma-Chlordane									
1	100	5.949	5.948	0.001	91869808	0.0795			
2	100	6.897	6.896	0.001	50806749	0.0858			
						RPD = 7.69			
6 alpha-Chlordane									
1	100	6.067	6.066	0.001	91090730	0.0791			
2	100	6.949	6.949	0.000	53126628	0.0838			
						RPD = 5.69			
14 Endosulfan I									
1	100	6.115	6.114	0.001	71499672	0.0670			
2	100	6.983	6.981	0.002	39224602	0.0722			
						RPD = 7.51			
2 4,4'-DDE									
1	100	6.340	6.341	-0.001	97483216	0.0815			
2	100	7.141	7.139	0.002	61633659	0.0833			
						RPD = 2.22			
13 Dieldrin									
1	100	6.449	6.448	0.001	97810766	0.0854			
2	100	7.262	7.260	0.002	49274787	0.0849			
						RPD = 0.63			
17 Endrin									
1	100	6.794	6.793	0.001	80554457	0.0796			
2	100	7.498	7.497	0.001	44145470	0.0850			
						RPD = 6.52			
1 4,4'-DDD									
1	100	6.983	6.984	-0.001	73394127	0.0827			
2	100	7.679	7.678	0.001	34881405	0.0814			
						RPD = 1.50			
15 Endosulfan II									
1	100	7.092	7.091	0.001	70187439	0.0718			
2	100	7.777	7.776	0.001	35602457	0.0728			
						RPD = 1.34			
3 4,4'-DDT									
1	100	7.271	7.272	-0.001	65234467	0.0863			
2	100	7.985	7.984	0.001	30223660	0.0885			
						RPD = 2.54			
18 Endrin aldehyde									
1	100	7.340	7.339	0.001	60532279	0.0739			
2	100	7.889	7.888	0.001	30999438	0.0777			
						RPD = 5.03			
16 Endosulfan sulfate									
1	100	7.550	7.550	0.000	71903089	0.0817			
2	100	8.173	8.172	0.001	35853295	0.0840			
						RPD = 2.85			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.984	7.986	-0.002	30344533	0.0777			
2	100	8.427	8.424	0.003	14521252	0.0844			
						RPD = 8.33			
19 Endrin ketone									
1	100	8.134	8.134	0.000	74919359	0.0730			
2	100	8.569	8.569	0.000	35761596	0.0764			
						RPD = 4.60			
$ 10 DCB Decachlorobiphenyl									
1	100	9.279	9.278	0.001	15656661	0.0158			
2	100	10.392	10.390	0.002	9397564	0.0161			
						RPD = 2.38			

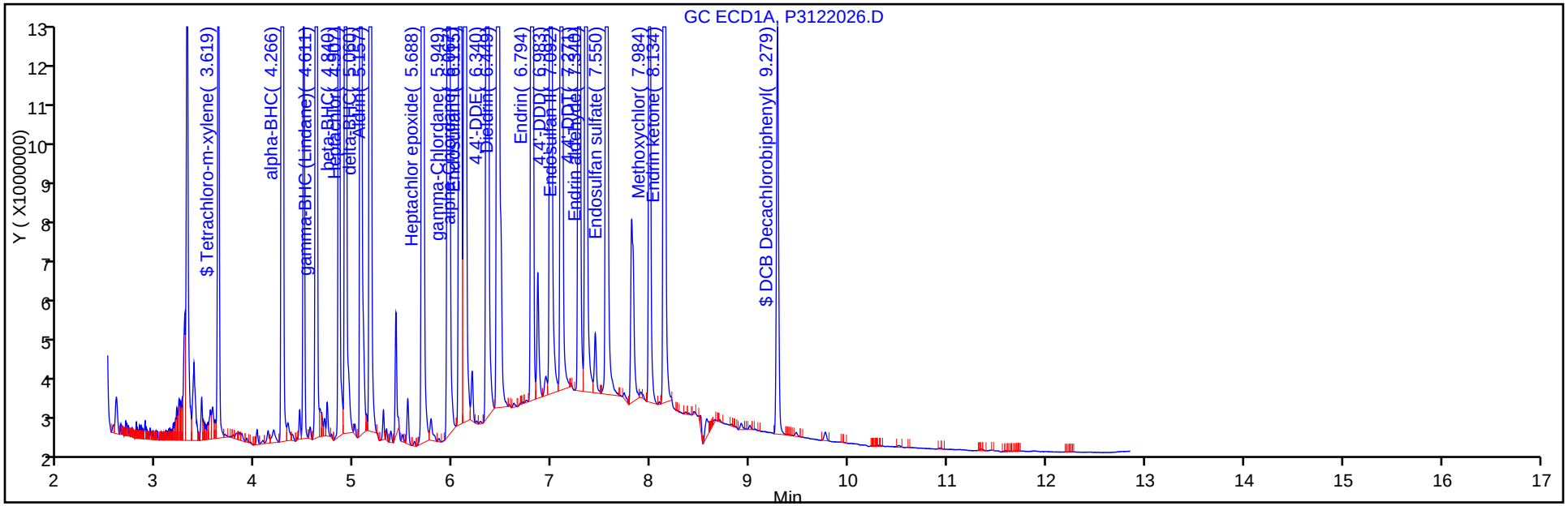
Report Date: 21-Dec-2012 09:49:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

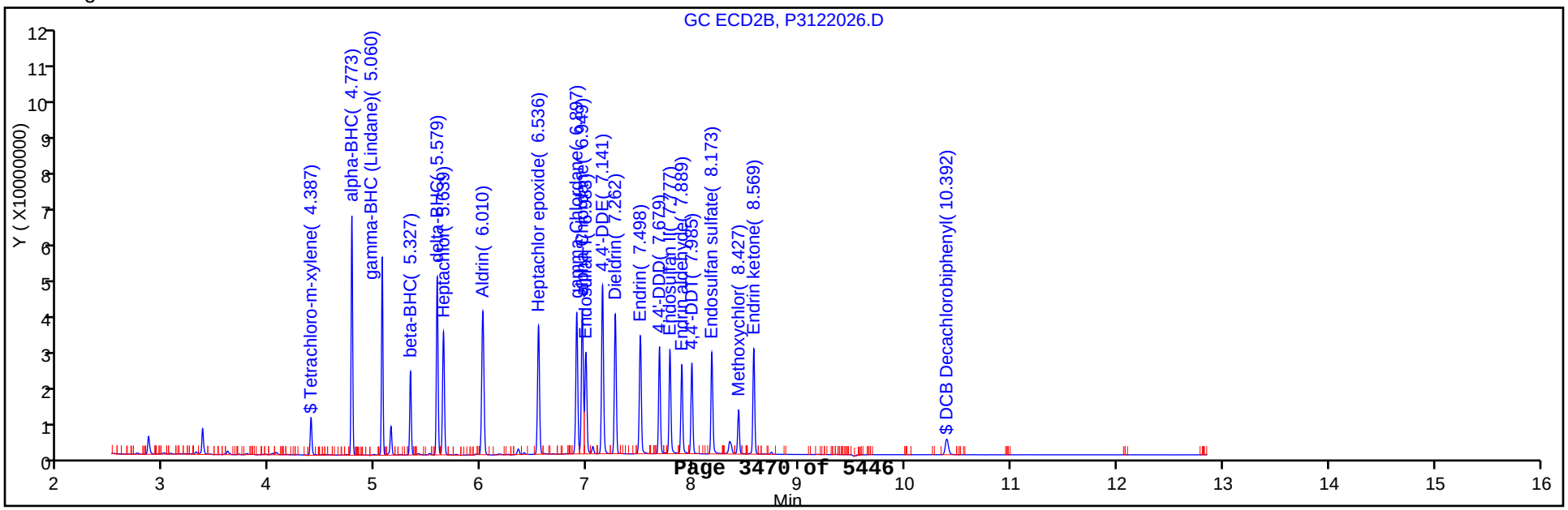
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122026.D

Injection Date:	20-Dec-2012 15:46:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	26
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69197/11-A

Matrix: Solid Lab File ID: P3122026.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3540C Date Extracted: 12/18/2012 10:19

Sample wt/vol: 30(g) Date Analyzed: 12/20/2012 15:46

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

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

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

Analysis Batch No.: 69512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		55-130
877-09-8	Tetrachloro-m-xylene	82		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122026.D
Lims ID: LCS 240-69197/11-A
Client ID:
Inject. Date: 20-Dec-2012 15:46:50
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0016042-026
Misc. Info.:
Operator: 093905
Instrument ID: A2HP3
Injection Vol: 1.0 ul
ALS Bottle#: 26
Lims Batch ID: 69512
Lims Sample ID: 26
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40
Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK011

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.619	3.618	0.001	18349264	0.0169			
2	100	4.387	4.385	0.002	11819411	0.0164			
						RPD = 3.03			
5 alpha-BHC									
1	100	4.266	4.265	0.001	118556021	0.0852			
2	100	4.773	4.771	0.002	65939967	0.0869			
						RPD = 1.92			
20 gamma-BHC (Lindane)									
1	100	4.611	4.608	0.003	99562514	0.0835			
2	100	5.060	5.057	0.003	52451727	0.0839			
						RPD = 0.53			
7 beta-BHC									
1	100	4.840	4.839	0.001	43532437	0.0788			
2	100	5.327	5.324	0.003	23774326	0.0808			
						RPD = 2.60			
22 Heptachlor									
1	100	4.907	4.906	0.001	89983849	0.0802			
2	100	5.639	5.636	0.003	43272416	0.0815			
						RPD = 1.58			
11 delta-BHC									
1	100	5.060	5.059	0.001	102649679	0.0852			
2	100	5.579	5.576	0.003	54956986	0.0893			
						RPD = 4.72			
4 Aldrin									
1	100	5.157	5.156	0.001	99627752	0.0806			
2	100	6.010	6.006	0.004	58894783	0.0849			
						RPD = 5.20			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.688	5.686	0.002	87671877	0.0818			
2	100	6.536	6.534	0.002	47485494	0.0842			
						RPD = 2.85			
21 gamma-Chlordane									
1	100	5.949	5.948	0.001	91869808	0.0795			
2	100	6.897	6.896	0.001	50806749	0.0858			
						RPD = 7.69			
6 alpha-Chlordane									
1	100	6.067	6.066	0.001	91090730	0.0791			
2	100	6.949	6.949	0.000	53126628	0.0838			
						RPD = 5.69			
14 Endosulfan I									
1	100	6.115	6.114	0.001	71499672	0.0670			
2	100	6.983	6.981	0.002	39224602	0.0722			
						RPD = 7.51			
2 4,4'-DDE									
1	100	6.340	6.341	-0.001	97483216	0.0815			
2	100	7.141	7.139	0.002	61633659	0.0833			
						RPD = 2.22			
13 Dieldrin									
1	100	6.449	6.448	0.001	97810766	0.0854			
2	100	7.262	7.260	0.002	49274787	0.0849			
						RPD = 0.63			
17 Endrin									
1	100	6.794	6.793	0.001	80554457	0.0796			
2	100	7.498	7.497	0.001	44145470	0.0850			
						RPD = 6.52			
1 4,4'-DDD									
1	100	6.983	6.984	-0.001	73394127	0.0827			
2	100	7.679	7.678	0.001	34881405	0.0814			
						RPD = 1.50			
15 Endosulfan II									
1	100	7.092	7.091	0.001	70187439	0.0718			
2	100	7.777	7.776	0.001	35602457	0.0728			
						RPD = 1.34			
3 4,4'-DDT									
1	100	7.271	7.272	-0.001	65234467	0.0863			
2	100	7.985	7.984	0.001	30223660	0.0885			
						RPD = 2.54			
18 Endrin aldehyde									
1	100	7.340	7.339	0.001	60532279	0.0739			
2	100	7.889	7.888	0.001	30999438	0.0777			
						RPD = 5.03			
16 Endosulfan sulfate									
1	100	7.550	7.550	0.000	71903089	0.0817			
2	100	8.173	8.172	0.001	35853295	0.0840			
						RPD = 2.85			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
27 Methoxychlor									
1	100	7.984	7.986	-0.002	30344533	0.0777			
2	100	8.427	8.424	0.003	14521252	0.0844			
						RPD = 8.33			
19 Endrin ketone									
1	100	8.134	8.134	0.000	74919359	0.0730			
2	100	8.569	8.569	0.000	35761596	0.0764			
						RPD = 4.60			
$ 10 DCB Decachlorobiphenyl									
1	100	9.279	9.278	0.001	15656661	0.0158			
2	100	10.392	10.390	0.002	9397564	0.0161			
						RPD = 2.38			

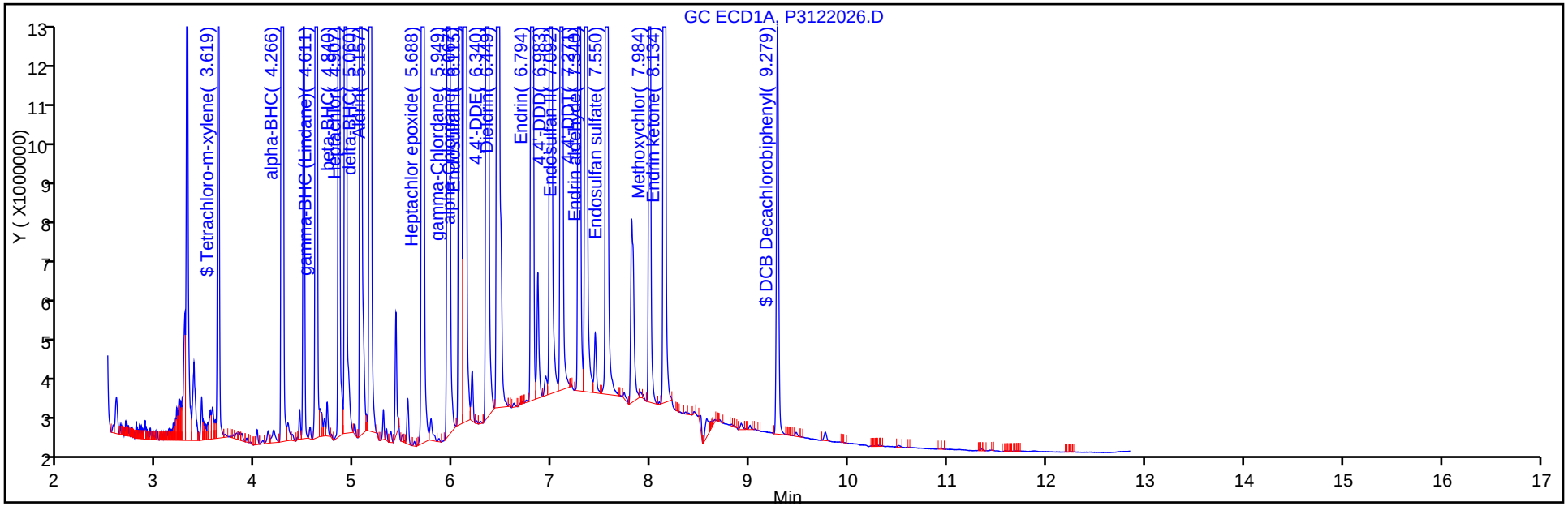
Report Date: 21-Dec-2012 09:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

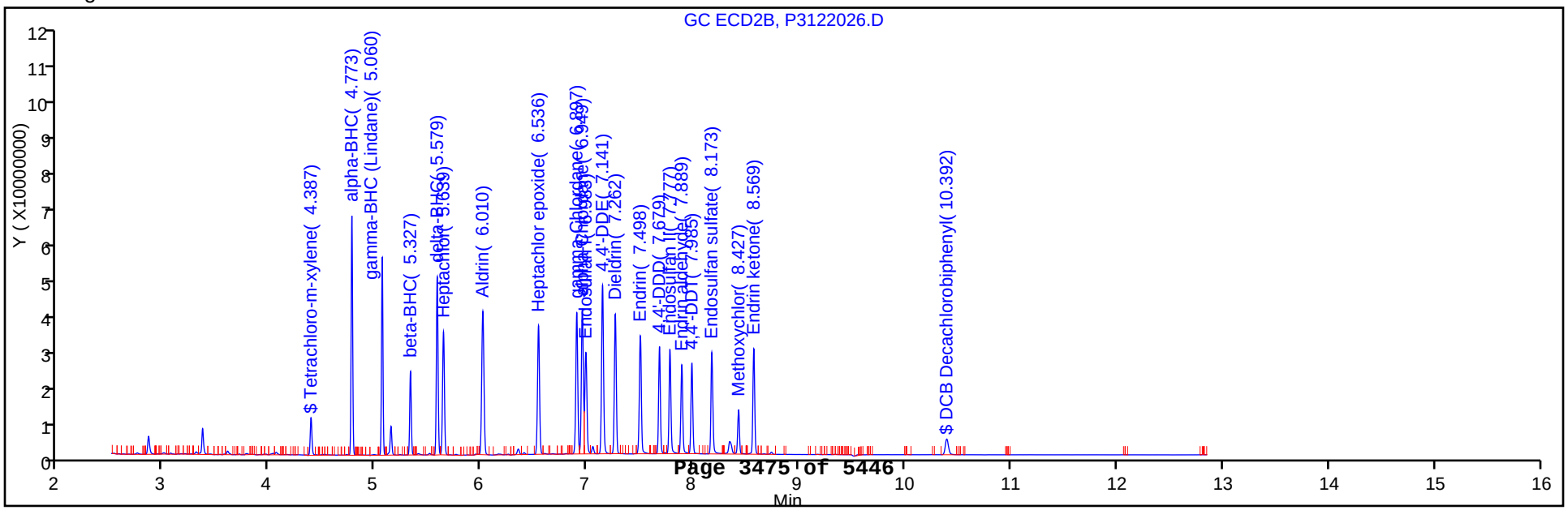
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122026.D

Injection Date:	20-Dec-2012 15:46:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	26
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68628/7

Matrix: Solid | Lab File ID: P9121407.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/14/2012 03:59

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 68628 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00568		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00525		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00488	J	0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00519		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00505		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00540		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00578		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00516		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00567		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00587		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00574		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00572		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00596		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00576		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00589		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00533		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00540		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00582		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00571		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00562	J	0.010	0.0030	0.0032

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121407.D
Lims ID: MRL Client ID:
Inject. Date: 14-Dec-2012 03:59:10 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015828-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 68628 Lims Sample ID: 7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:01 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc Date: 18-Dec-2012 10:44:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.500						
2	100		4.091						
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100	4.184	4.183	0.001	17286933	0.005053			
2	100	4.918	4.918	0.000	53000402	0.004908			
						RPD = 2.91			
20 gamma-BHC (Lindane)									
1	100	4.561	4.560	0.001	15524807	0.005328			
2	100	5.474	5.473	0.001	49089724	0.005470			
						RPD = 2.63			
7 beta-BHC									
1	100	4.692	4.690	0.002	7221975	0.005777			
2	100	5.650	5.650	0.000	23895490	0.006334			
						RPD = 9.21			
11 delta-BHC									
1	100	4.906	4.905	0.001	15802709	0.005161			
2	100	6.200	6.200	0.000	49824014	0.005285			
						RPD = 2.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.074						
1	2		5.929						
1	3		7.174						
1	4		7.520						
2	100		6.005						
2	2		7.509						
2	3		8.930						
2	4		9.242						
22 Heptachlor									
1	100	5.187	5.185	0.002	15458533	0.005822			
2	100	6.298	6.298	0.000	49234898	0.006188			
						RPD = 6.08			
4 Aldrin									
1	100	5.637	5.637	0.000	16563591	0.005193			
2	100	7.014	7.015	-0.001	47351057	0.005350			
						RPD = 2.99			
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100	6.867	6.865	0.002	14731185	0.005708			
2	100	8.503	8.500	0.003	43760093	0.005999			
						RPD = 4.98			
21 gamma-Chlordane									
1	100	7.174	7.171	0.003	15175826	0.005400			
2	100	8.930	8.928	0.002	42741087	0.005722			
						RPD = 5.80			
6 alpha-Chlordane									
1	100	7.524	7.523	0.001	15736224	0.005399			
2	100	9.241	9.240	0.001	44080836	0.005830			
						RPD = 7.68			
14 Endosulfan I									
1	100	7.802	7.801	0.001	14276259	0.005875			
2	100	9.302	9.302	0.000	38983646	0.006294			
						RPD = 6.89			
2 4,4'-DDE									
1	100	7.905	7.903	0.002	15655445	0.005245			
2	100	9.701	9.701	0.000	40205893	0.005361			
						RPD = 2.18			
13 Dieldrin									
1	100	8.370	8.366	0.004	14163856	0.005671			
2	100	9.837	9.836	0.001	41339213	0.006073			
						RPD = 6.84			
17 Endrin									
1	100	8.826	8.824	0.002	13515201	0.005964			
2	100	10.360	10.360	0.000	37378827	0.005908			
						RPD = 0.94			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		9.002						
2	100		10.667						
1 4,4'-DDD									
1	100	9.186	9.188	-0.002	10436885	0.005683			
2	100	10.731	10.730	0.001	62624150	0.005804			
						RPD = 2.11			
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
15 Endosulfan II									
1	100	9.274	9.275	-0.001	13550797	0.005742			
2	100	10.731	10.730	0.001	62624150	0.005724			
						RPD = 0.32			
30 Toxaphene									1
1	100		9.507						
1	2		9.953						
1	3		10.019						
1	4		10.604						
1	5		11.168						
2	100		10.894						
2	2		11.442						
2	3		11.843						
2	4		12.071						
2	5		12.458						
3 4,4'-DDT									
1	100	9.711	9.709	0.002	9733654	0.004880			
2	100	11.216	11.215	0.001	23607153	0.004789			
						RPD = 1.88			
18 Endrin aldehyde									
1	100	10.071	10.070	0.001	10359004	0.005756			
2	100	11.305	11.304	0.001	28346474	0.005991			
						RPD = 4.00			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.659	10.659	0.000	5259279	0.005623			
2	100	12.295	12.294	0.001	12698164	0.005102			
						RPD = 9.71			
16 Endosulfan sulfate									
1	100	10.792	10.793	-0.001	12411184	0.005718			
2	100	11.737	11.737	0.000	32874341	0.005805			
						RPD = 1.51			
19 Endrin ketone									
1	100	11.194	11.193	0.001	13207252	0.005885			
2	100	12.474	12.475	-0.001	31782015	0.005510			
						RPD = 6.59			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.804						
2	100		14.252						

QC Flag Legend

Processing Flags
1 - Missing Peaks

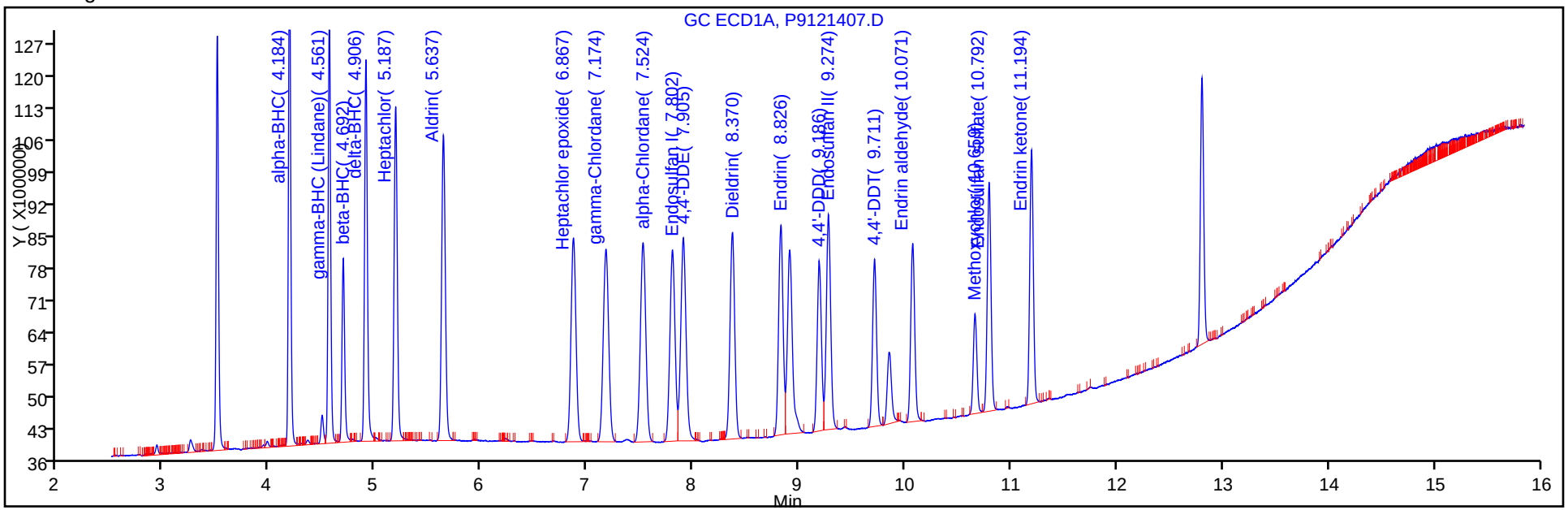
Report Date: 18-Dec-2012 11:09:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

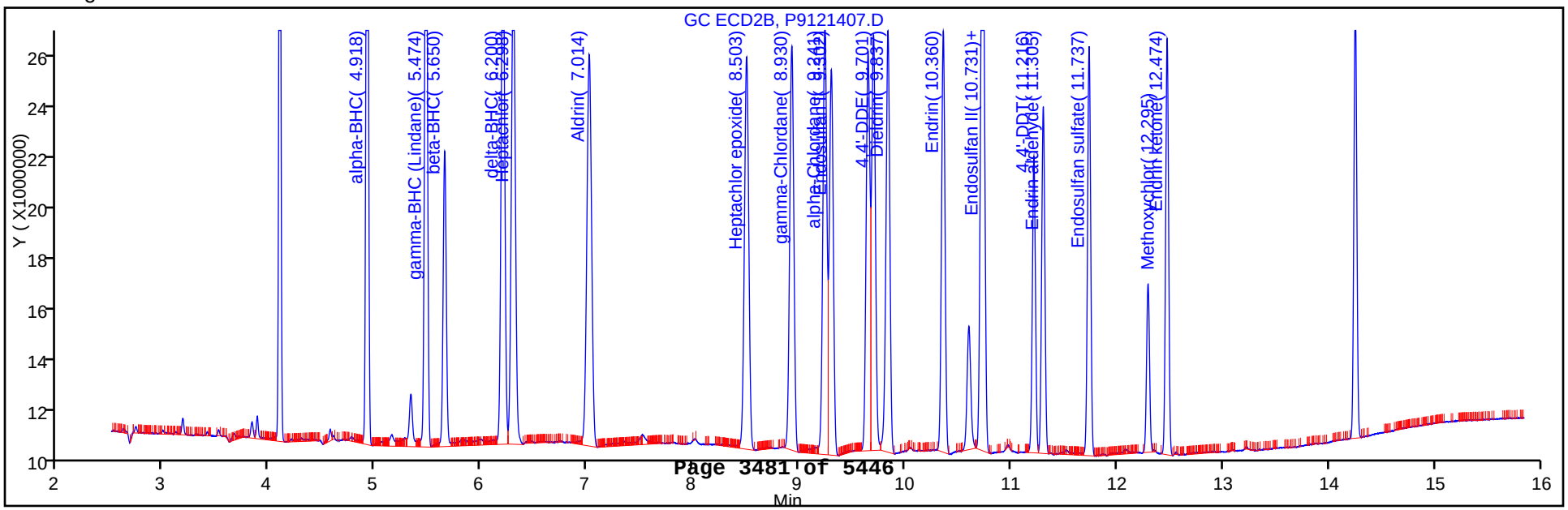
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121407.D

Injection Date:	14-Dec-2012 03:59:10	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68628/7

Matrix: Solid | Lab File ID: P9121407.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/14/2012 03:59

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 68628 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00580*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00536*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00479*	*J*	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00535*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00491*	*J*	*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00583*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00633*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00528*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00607*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00629*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00572*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00581*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00591*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00599*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00551*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00547*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00572*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00619*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00600*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00510*	*J*	*0.010*	0.0030	*0.0032*

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121407.D
Lims ID: MRL Client ID:
Inject. Date: 14-Dec-2012 03:59:10 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015828-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 68628 Lims Sample ID: 7
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:01 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc Date: 18-Dec-2012 10:44:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.500						
2	100		4.091						
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100	4.184	4.183	0.001	17286933	0.005053			
2	100	4.918	4.918	0.000	53000402	0.004908			
						RPD = 2.91			
20 gamma-BHC (Lindane)									
1	100	4.561	4.560	0.001	15524807	0.005328			
2	100	5.474	5.473	0.001	49089724	0.005470			
						RPD = 2.63			
7 beta-BHC									
1	100	4.692	4.690	0.002	7221975	0.005777			
2	100	5.650	5.650	0.000	23895490	0.006334			
						RPD = 9.21			
11 delta-BHC									
1	100	4.906	4.905	0.001	15802709	0.005161			
2	100	6.200	6.200	0.000	49824014	0.005285			
						RPD = 2.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.074						
1	2		5.929						
1	3		7.174						
1	4		7.520						
2	100		6.005						
2	2		7.509						
2	3		8.930						
2	4		9.242						
22 Heptachlor									
1	100	5.187	5.185	0.002	15458533	0.005822			
2	100	6.298	6.298	0.000	49234898	0.006188			
						RPD = 6.08			
4 Aldrin									
1	100	5.637	5.637	0.000	16563591	0.005193			
2	100	7.014	7.015	-0.001	47351057	0.005350			
						RPD = 2.99			
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100	6.867	6.865	0.002	14731185	0.005708			
2	100	8.503	8.500	0.003	43760093	0.005999			
						RPD = 4.98			
21 gamma-Chlordane									
1	100	7.174	7.171	0.003	15175826	0.005400			
2	100	8.930	8.928	0.002	42741087	0.005722			
						RPD = 5.80			
6 alpha-Chlordane									
1	100	7.524	7.523	0.001	15736224	0.005399			
2	100	9.241	9.240	0.001	44080836	0.005830			
						RPD = 7.68			
14 Endosulfan I									
1	100	7.802	7.801	0.001	14276259	0.005875			
2	100	9.302	9.302	0.000	38983646	0.006294			
						RPD = 6.89			
2 4,4'-DDE									
1	100	7.905	7.903	0.002	15655445	0.005245			
2	100	9.701	9.701	0.000	40205893	0.005361			
						RPD = 2.18			
13 Dieldrin									
1	100	8.370	8.366	0.004	14163856	0.005671			
2	100	9.837	9.836	0.001	41339213	0.006073			
						RPD = 6.84			
17 Endrin									
1	100	8.826	8.824	0.002	13515201	0.005964			
2	100	10.360	10.360	0.000	37378827	0.005908			
						RPD = 0.94			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		9.002						
2	100		10.667						
1 4,4'-DDD									
1	100	9.186	9.188	-0.002	10436885	0.005683			
2	100	10.731	10.730	0.001	62624150	0.005804			
						RPD = 2.11			
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
15 Endosulfan II									
1	100	9.274	9.275	-0.001	13550797	0.005742			
2	100	10.731	10.730	0.001	62624150	0.005724			
						RPD = 0.32			
30 Toxaphene									1
1	100		9.507						
1	2		9.953						
1	3		10.019						
1	4		10.604						
1	5		11.168						
2	100		10.894						
2	2		11.442						
2	3		11.843						
2	4		12.071						
2	5		12.458						
3 4,4'-DDT									
1	100	9.711	9.709	0.002	9733654	0.004880			
2	100	11.216	11.215	0.001	23607153	0.004789			
						RPD = 1.88			
18 Endrin aldehyde									
1	100	10.071	10.070	0.001	10359004	0.005756			
2	100	11.305	11.304	0.001	28346474	0.005991			
						RPD = 4.00			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.659	10.659	0.000	5259279	0.005623			
2	100	12.295	12.294	0.001	12698164	0.005102			
						RPD = 9.71			
16 Endosulfan sulfate									
1	100	10.792	10.793	-0.001	12411184	0.005718			
2	100	11.737	11.737	0.000	32874341	0.005805			
						RPD = 1.51			
19 Endrin ketone									
1	100	11.194	11.193	0.001	13207252	0.005885			
2	100	12.474	12.475	-0.001	31782015	0.005510			
						RPD = 6.59			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.804						
2	100		14.252						

QC Flag Legend

Processing Flags
1 - Missing Peaks

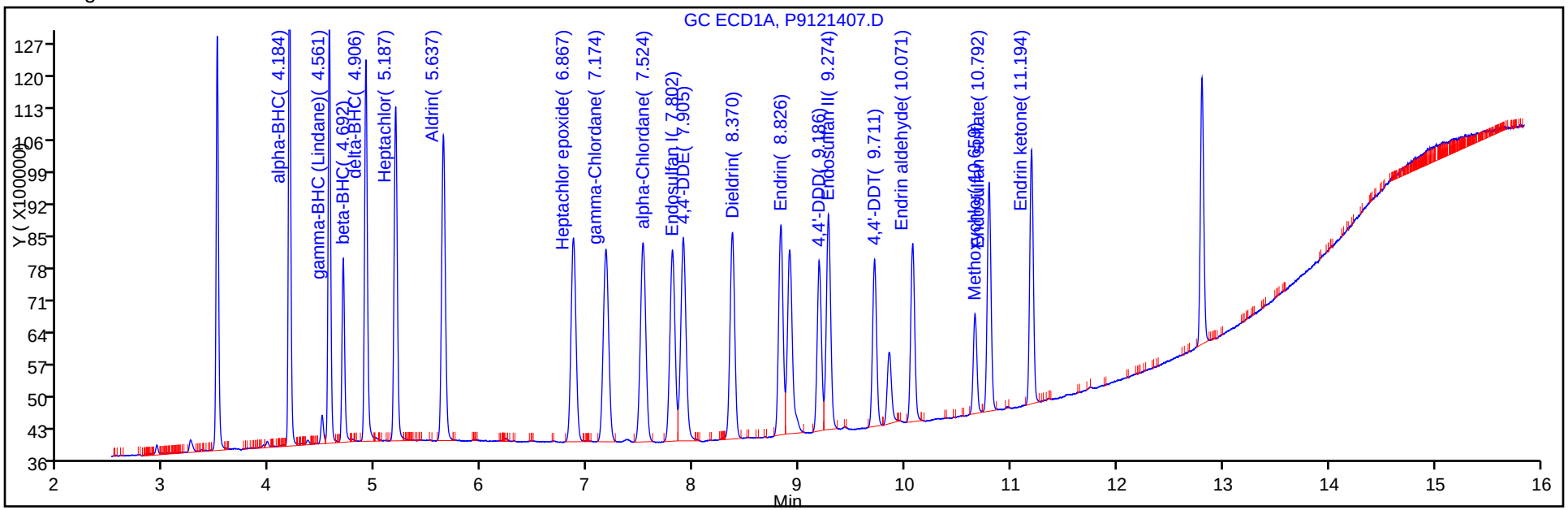
Report Date: 18-Dec-2012 11:09:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

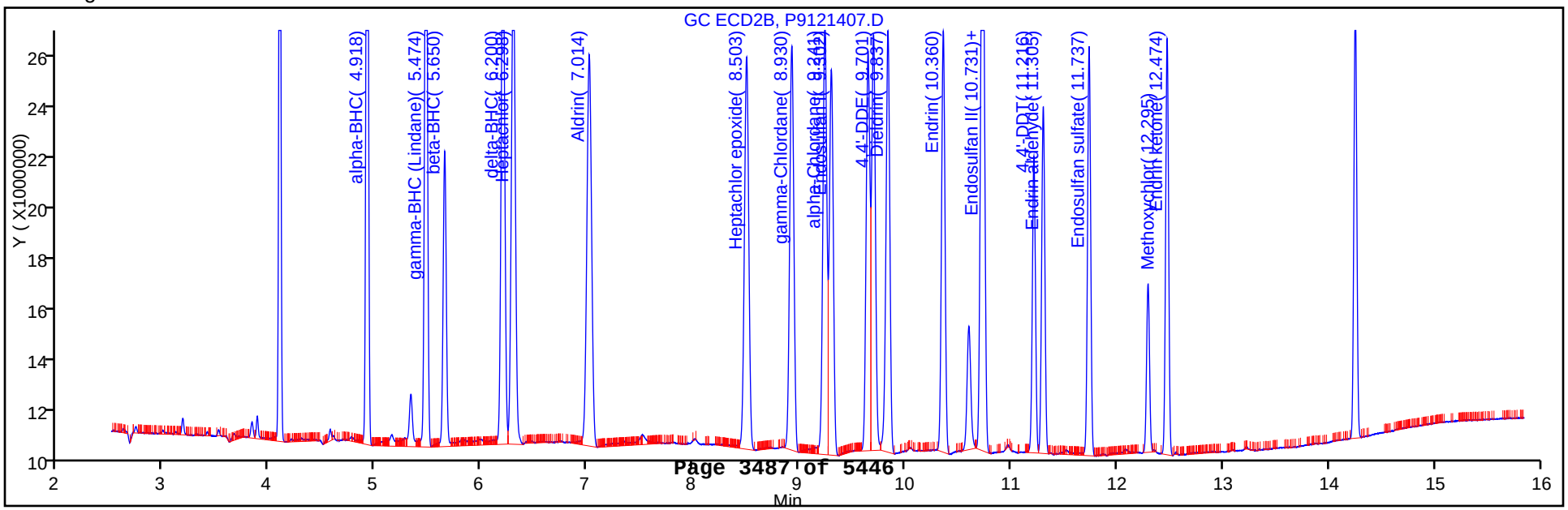
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121407.D

Injection Date:	14-Dec-2012 03:59:10	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68628/20

Matrix: Solid | Lab File ID: P9121420.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/14/2012 09:55

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 68628 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00554		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00602		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00486	J	0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00586		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00541		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00555		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00586		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00544		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00561		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00584		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00544		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00542		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00599	M	0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00551		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00551		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00535		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00545		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00576		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00576		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00531	J	0.010	0.0030	0.0032

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121420.D
Lims ID: MRL Client ID:
Inject. Date: 14-Dec-2012 09:55:27 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015828-020
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 68628 Lims Sample ID: 20
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:14 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc Date: 18-Dec-2012 11:08:41

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.501						
2	100		4.092						
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100	4.183	4.183	0.000	18526648	0.005415			
2	100	4.917	4.919	-0.002	55394972	0.005129			
						RPD = 5.42			
20 gamma-BHC (Lindane)									
1	100	4.559	4.559	0.000	15584115	0.005348			
2	100	5.473	5.474	-0.001	48149857	0.005365			
						RPD = 0.32			
7 beta-BHC									
1	100	4.691	4.690	0.001	7321339	0.005856			
2	100	5.649	5.649	0.000	23391371	0.006201			
						RPD = 5.72			
11 delta-BHC									
1	100	4.904	4.904	0.000	16666497	0.005443			
2	100	6.199	6.199	0.000	50949941	0.005404			
						RPD = 0.72			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.074						
1	2		5.929						
1	3		7.174						
1	4		7.520						
2	100		6.005						
2	2		7.509						
2	3		8.930						
2	4		9.242						
22 Heptachlor									
1	100	5.185	5.186	-0.001	15290342	0.005759			
2	100	6.297	6.299	-0.002	47289044	0.005943			
						RPD = 3.14			
4 Aldrin									
1	100	5.637	5.638	-0.001	18680981	0.005857			
2	100	7.015	7.015	0.000	50910315	0.005752			
						RPD = 1.80			
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100	6.866	6.864	0.002	14867731	0.005761			
2	100	8.501	8.502	-0.001	42400083	0.005813			
						RPD = 0.91			
21 gamma-Chlordane									
1	100	7.173	7.172	0.001	15319270	0.005451			
2	100	8.929	8.929	0.000	41559859	0.005564			
						RPD = 2.06			
6 alpha-Chlordane									
1	100	7.521	7.523	-0.002	16172146	0.005549			
2	100	9.243	9.241	0.002	41129106	0.005440			
						RPD = 1.98			
14 Endosulfan I									
1	100	7.801	7.799	0.002	14188059	0.005838			
2	100	9.303	9.301	0.002	35533222	0.005737			
						RPD = 1.75			
2 4,4'-DDE									
1	100	7.904	7.903	0.001	17970303	0.006021			
2	100	9.702	9.701	0.001	44112401	0.005882			
						RPD = 2.33			
13 Dieldrin									
1	100	8.368	8.365	0.003	14010958	0.005610			
2	100	9.839	9.837	0.002	37557319	0.005517			
						RPD = 1.66			
17 Endrin									M
1	100	8.825	8.824	0.001	13565058	0.005986			M
2	100	10.361	10.359	0.002	34114597	0.005392			
						RPD = 10.44			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		9.002						
2	100		10.667						
1 4,4'-DDD									
1	100	9.188	9.187	0.001	10175037	0.005540			
2	100	10.731	10.729	0.002	56575921	0.005243			
						RPD = 5.50			
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
15 Endosulfan II									
1	100	9.276	9.274	0.002	12846473	0.005443			
2	100	10.731	10.729	0.002	56575921	0.005171			
						RPD = 5.14			
30 Toxaphene									1
1	100		9.506						
1	2		9.952						
1	3		10.018						
1	4		10.603						
1	5		11.168						
2	100		10.895						
2	2		11.442						
2	3		11.845						
2	4		12.072						
2	5		12.458						
3 4,4'-DDT									
1	100	9.709	9.709	0.000	9699212	0.004863			
2	100	11.216	11.215	0.001	22895837	0.004645			
						RPD = 4.58			
18 Endrin aldehyde									
1	100	10.070	10.069	0.001	9921366	0.005513			
2	100	11.305	11.303	0.002	24783694	0.005238			
						RPD = 5.12			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.661	10.659	0.002	4966995	0.005311			
2	100	12.295	12.294	0.001	11035244	0.004434			
						RPD = 17.98			
16 Endosulfan sulfate									
1	100	10.793	10.791	0.002	11757267	0.005417			
2	100	11.738	11.737	0.001	27800734	0.004909			
						RPD = 9.83			
19 Endrin ketone									
1	100	11.193	11.194	-0.001	12367195	0.005511			
2	100	12.476	12.474	0.002	27521225	0.004771			
						RPD = 14.39			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.803						
2	100		14.251						

QC Flag Legend

Processing Flags
1 - Missing Peaks

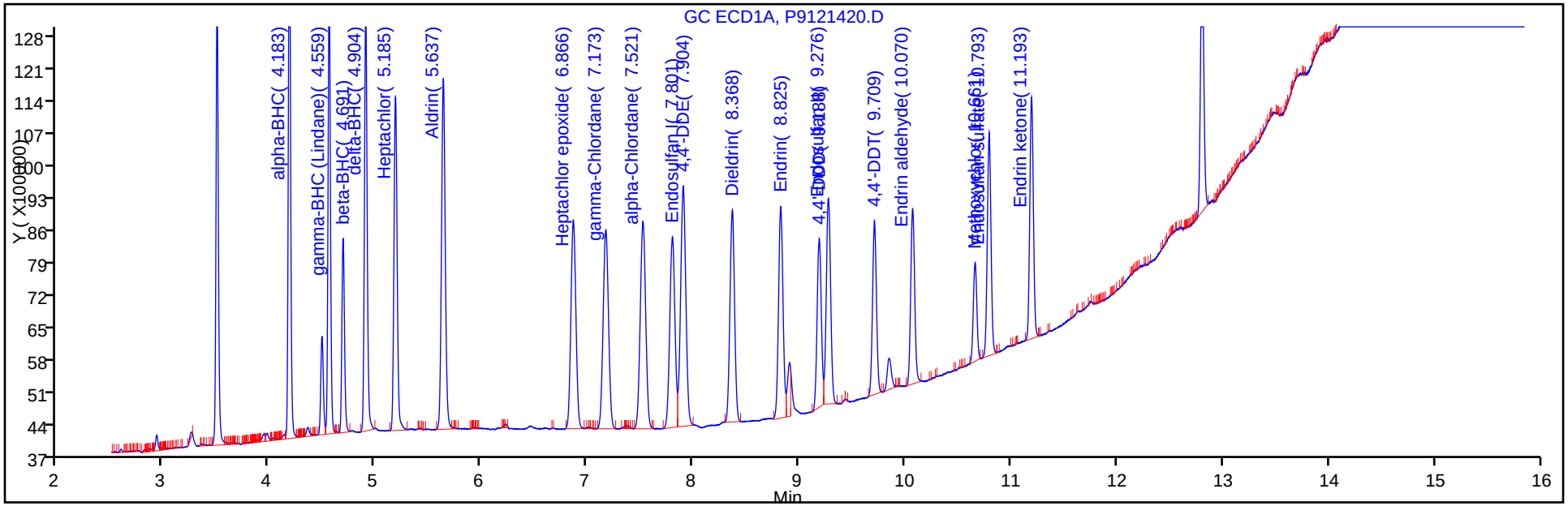
Review Flags
M - Manually Integrated

Report Date: 18-Dec-2012 11:09:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

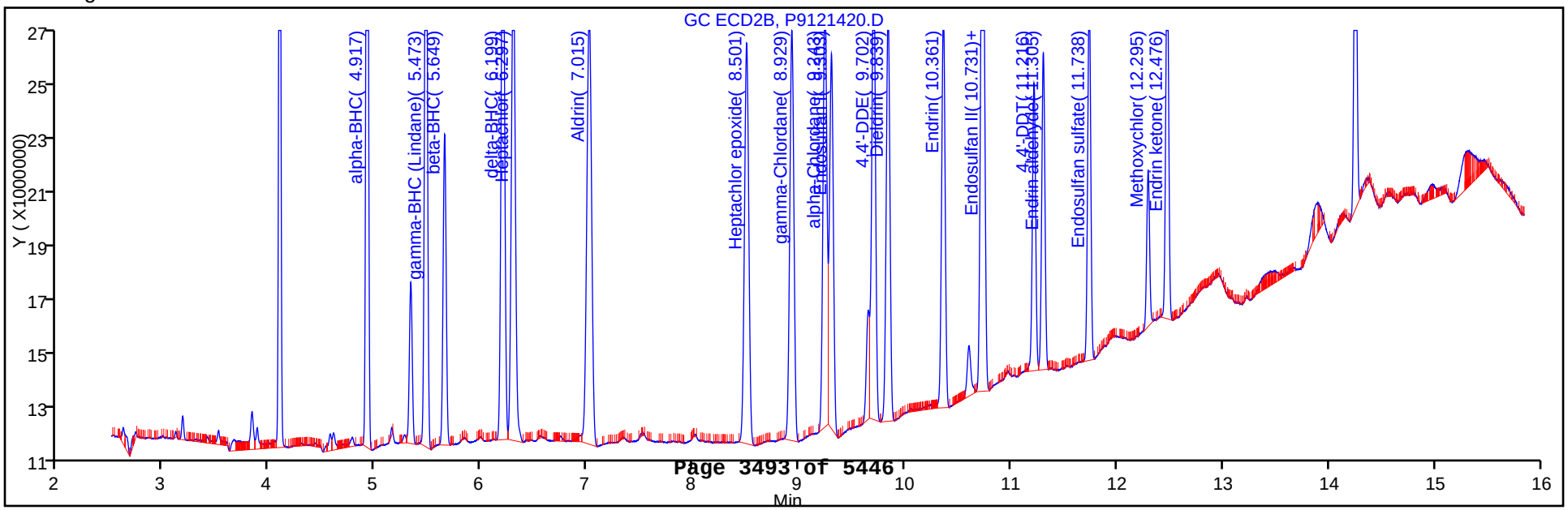
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121420.D		
Injection Date:	14-Dec-2012 09:55:27	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

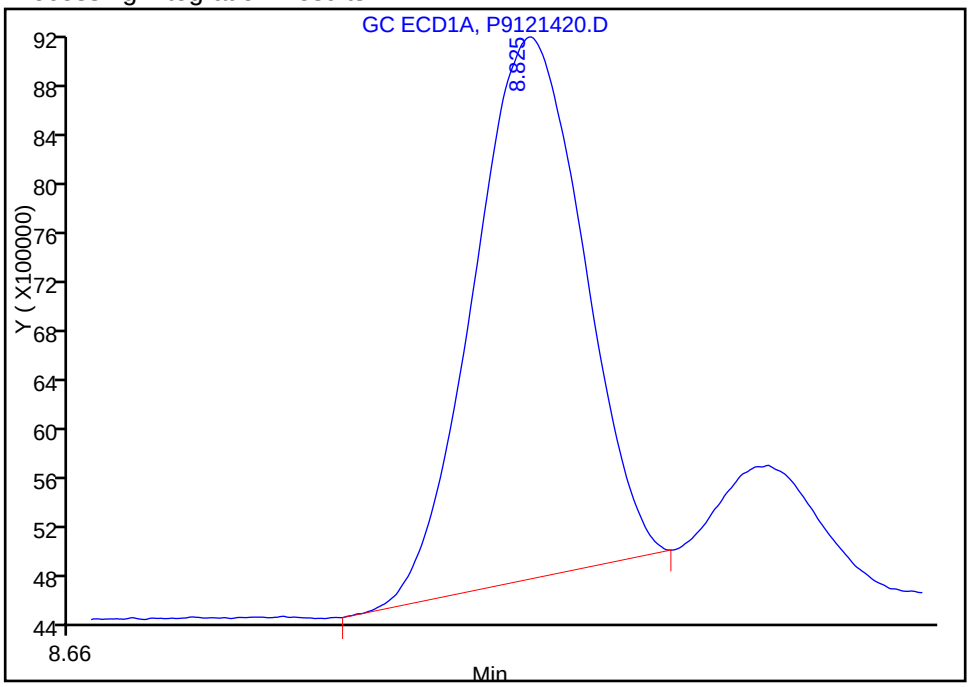
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121420.D		
Injection Date:	14-Dec-2012 09:55:27	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

17 Endrin, Signal: 1, Type: quant, RT: 8.82, Det: GC ECD1A

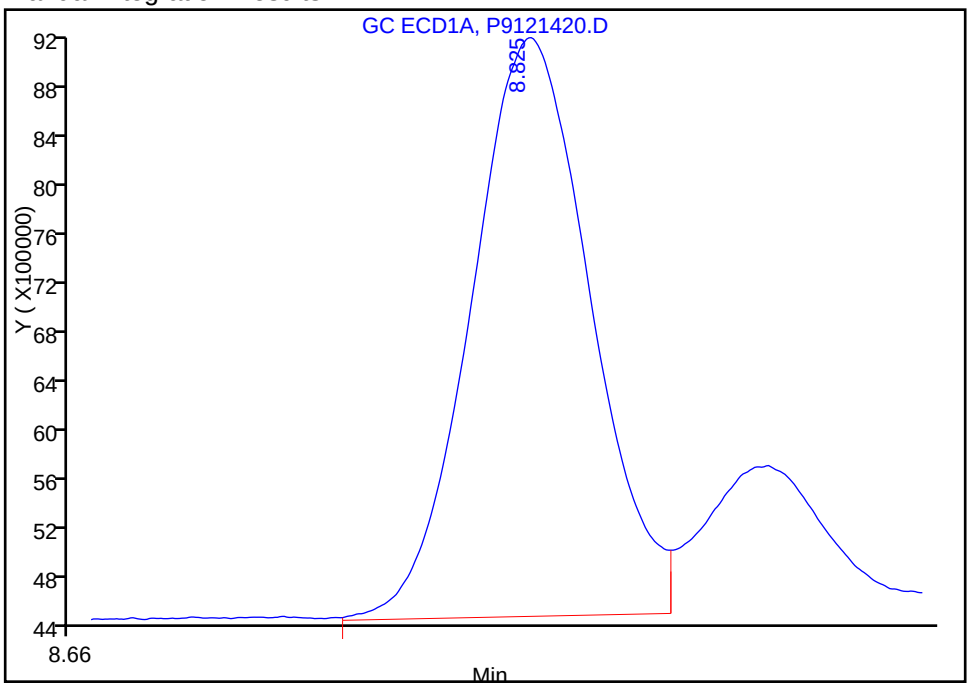
Processing Integration Results

RT: 8.82
Response: 11722724
Amount: 0.005173



Manual Integration Results

RT: 8.82
Response: 13565058
Amount: 0.005986



Reviewer: vandorenc, 18-Dec-2012 11:08:41
Audit Action: Assigned New Baseline
Audit Reason: Poor Chromatography

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68628/20

Matrix: Solid | Lab File ID: P9121420.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/14/2012 09:55

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 68628 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00524*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00588*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00465*	*J*	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00575*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00513*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00544*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00620*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00540*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00552*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00574*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00517*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00491*	*J*	*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00539*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00524*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00477*	*J*	*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00537*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00556*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00594*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00581*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00443*	*J*	*0.010*	0.0030	*0.0032*

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121420.D
Lims ID: MRL Client ID:
Inject. Date: 14-Dec-2012 09:55:27 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015828-020
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 68628 Lims Sample ID: 20
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\PEST9.m
Last Update: 18-Dec-2012 11:09:14 Calib Date: 06-Dec-2012 18:34:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120622.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK032

First Level Reviewer: vandorenc Date: 18-Dec-2012 11:08:41

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.501						
2	100		4.092						
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.758						
5 alpha-BHC									
1	100	4.183	4.183	0.000	18526648	0.005415			
2	100	4.917	4.919	-0.002	55394972	0.005129			
						RPD = 5.42			
20 gamma-BHC (Lindane)									
1	100	4.559	4.559	0.000	15584115	0.005348			
2	100	5.473	5.474	-0.001	48149857	0.005365			
						RPD = 0.32			
7 beta-BHC									
1	100	4.691	4.690	0.001	7321339	0.005856			
2	100	5.649	5.649	0.000	23391371	0.006201			
						RPD = 5.72			
11 delta-BHC									
1	100	4.904	4.904	0.000	16666497	0.005443			
2	100	6.199	6.199	0.000	50949941	0.005404			
						RPD = 0.72			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.074						
1	2		5.929						
1	3		7.174						
1	4		7.520						
2	100		6.005						
2	2		7.509						
2	3		8.930						
2	4		9.242						
22 Heptachlor									
1	100	5.185	5.186	-0.001	15290342	0.005759			
2	100	6.297	6.299	-0.002	47289044	0.005943			
						RPD = 3.14			
4 Aldrin									
1	100	5.637	5.638	-0.001	18680981	0.005857			
2	100	7.015	7.015	0.000	50910315	0.005752			
						RPD = 1.80			
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100	6.866	6.864	0.002	14867731	0.005761			
2	100	8.501	8.502	-0.001	42400083	0.005813			
						RPD = 0.91			
21 gamma-Chlordane									
1	100	7.173	7.172	0.001	15319270	0.005451			
2	100	8.929	8.929	0.000	41559859	0.005564			
						RPD = 2.06			
6 alpha-Chlordane									
1	100	7.521	7.523	-0.002	16172146	0.005549			
2	100	9.243	9.241	0.002	41129106	0.005440			
						RPD = 1.98			
14 Endosulfan I									
1	100	7.801	7.799	0.002	14188059	0.005838			
2	100	9.303	9.301	0.002	35533222	0.005737			
						RPD = 1.75			
2 4,4'-DDE									
1	100	7.904	7.903	0.001	17970303	0.006021			
2	100	9.702	9.701	0.001	44112401	0.005882			
						RPD = 2.33			
13 Dieldrin									
1	100	8.368	8.365	0.003	14010958	0.005610			
2	100	9.839	9.837	0.002	37557319	0.005517			
						RPD = 1.66			
17 Endrin									M
1	100	8.825	8.824	0.001	13565058	0.005986			M
2	100	10.361	10.359	0.002	34114597	0.005392			
						RPD = 10.44			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		9.002						
2	100		10.667						
1 4,4'-DDD									
1	100	9.188	9.187	0.001	10175037	0.005540			
2	100	10.731	10.729	0.002	56575921	0.005243			
						RPD = 5.50			
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
15 Endosulfan II									
1	100	9.276	9.274	0.002	12846473	0.005443			
2	100	10.731	10.729	0.002	56575921	0.005171			
						RPD = 5.14			
30 Toxaphene									1
1	100		9.506						
1	2		9.952						
1	3		10.018						
1	4		10.603						
1	5		11.168						
2	100		10.895						
2	2		11.442						
2	3		11.845						
2	4		12.072						
2	5		12.458						
3 4,4'-DDT									
1	100	9.709	9.709	0.000	9699212	0.004863			
2	100	11.216	11.215	0.001	22895837	0.004645			
						RPD = 4.58			
18 Endrin aldehyde									
1	100	10.070	10.069	0.001	9921366	0.005513			
2	100	11.305	11.303	0.002	24783694	0.005238			
						RPD = 5.12			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.661	10.659	0.002	4966995	0.005311			
2	100	12.295	12.294	0.001	11035244	0.004434			
						RPD = 17.98			
16 Endosulfan sulfate									
1	100	10.793	10.791	0.002	11757267	0.005417			
2	100	11.738	11.737	0.001	27800734	0.004909			
						RPD = 9.83			
19 Endrin ketone									
1	100	11.193	11.194	-0.001	12367195	0.005511			
2	100	12.476	12.474	0.002	27521225	0.004771			
						RPD = 14.39			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.803						
2	100		14.251						

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

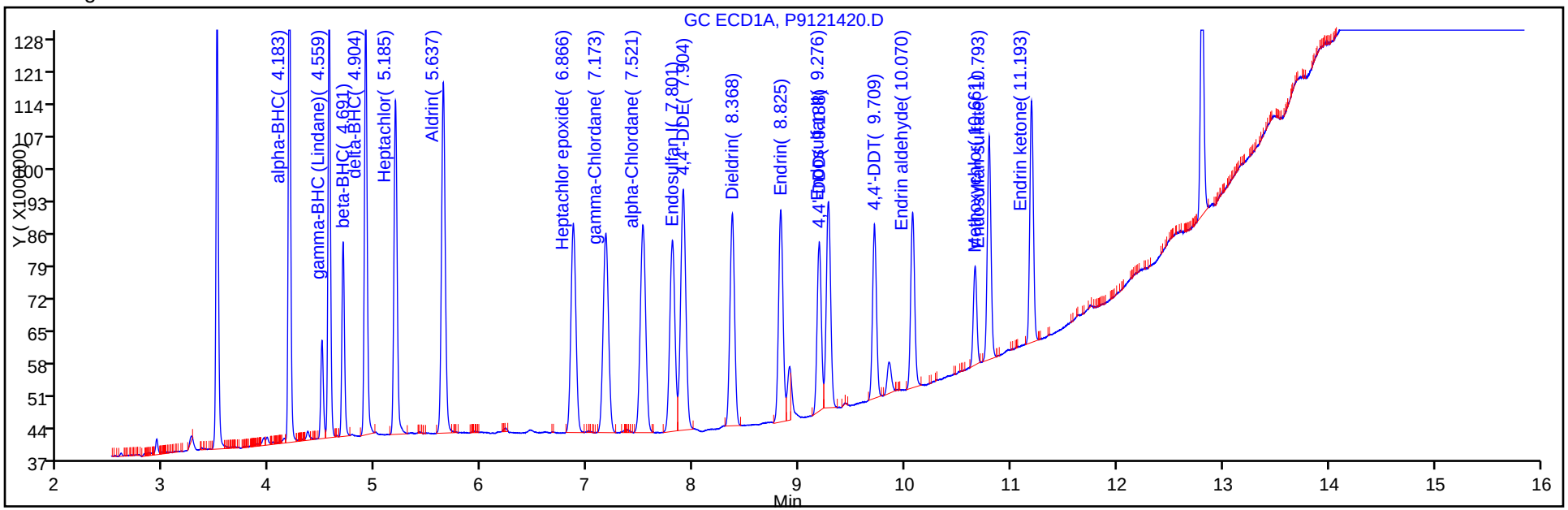
Report Date: 18-Dec-2012 11:09:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

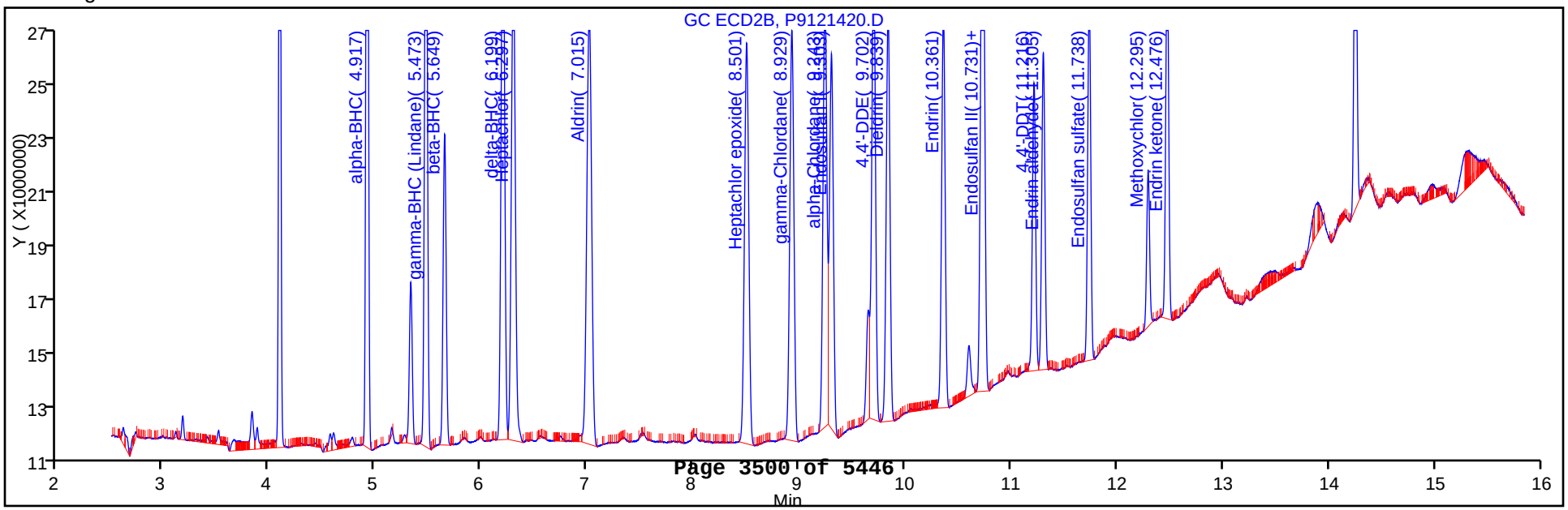
Data File: \\Ncchrom\ChromData\A2HP9\20121213-15828.b\P9121420.D

Injection Date:	14-Dec-2012 09:55:27	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	68628	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69512/25

Matrix: Solid | Lab File ID: P3122025.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/20/2012 15:25

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 69512 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00394	J	0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00418	J	0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00368	J	0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00414	J	0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00432	J	0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00416	J	0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00448	J	0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00398	J	0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00433	J	0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00419	J	0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00433	J	0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00434	J	0.0050	0.0010	0.0011
72-20-8	Endrin	0.00414	J	0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00441	J	0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00441	J	0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00432	J	0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00405	J	0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00442	J	0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00443	J	0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00403	J	0.010	0.0030	0.0032

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122025.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 15:25:50 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016042-025
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 69512 Lims Sample ID: 25
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:40 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 07:30:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.618						
2	100		4.385						
24 Hexachlorobenzene									
1	100		4.143						
2	100		4.847						
5 alpha-BHC									
1	100	4.265	4.265	0.000	6005866	0.004317			
2	100	4.771	4.771	0.000	2880941	0.003795			
						RPD = 12.86			
20 gamma-BHC (Lindane)									
1	100	4.609	4.608	0.001	5158106	0.004325			
2	100	5.059	5.057	0.002	2397454	0.003836			
						RPD = 11.99			
8 Chlordane (technical)									
1	100		4.755						
1	2		5.307						
1	3		5.950						
1	4		6.066						
2	100		5.416						
2	2		6.040						
2	3		6.949						
2	4		7.004						
7 beta-BHC									
1	100	4.840	4.839	0.001	2476982	0.004481			
2	100	5.326	5.324	0.002	1227075	0.004172			
						RPD = 7.15			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
22 Heptachlor									
1	100	4.905	4.906	-0.001	4959617	0.004423			
2	100	5.637	5.636	0.001	2143739	0.004039			
						RPD = 9.08			
11 delta-BHC									
1	100	5.060	5.059	0.001	4791022	0.003975			
2	100	5.578	5.576	0.002	2282161	0.003708			
						RPD = 6.96			
4 Aldrin									
1	100	5.155	5.156	-0.001	5120805	0.004141			
2	100	6.008	6.006	0.002	2692023	0.003879			
						RPD = 6.53			
25 Isodrin									
1	100		5.531						
2	100		6.410						
23 Heptachlor epoxide									
1	100	5.687	5.686	0.001	4751443	0.004434			
2	100	6.535	6.534	0.001	2222304	0.003940			
						RPD = 11.81			
12 Diallate									
1	100		5.797						
1	2		6.015						
2	100		6.496						
2	2		6.661						
21 gamma-Chlordane									
1	100	5.949	5.948	0.001	4680187	0.004048			
2	100	6.896	6.896	0.000	2279858	0.003850			
						RPD = 5.00			
6 alpha-Chlordane									
1	100	6.068	6.066	0.002	4787561	0.004160			
2	100	6.950	6.949	0.001	2466093	0.003889			
						RPD = 6.72			
14 Endosulfan I									
1	100	6.117	6.114	0.003	4472151	0.004191			
2	100	6.982	6.981	0.001	2087202	0.003843			
						RPD = 8.65			
2 4,4'-DDE									
1	100	6.343	6.341	0.002	5002204	0.004183			
2	100	7.140	7.139	0.001	2706492	0.003660			
						RPD = 13.34			
13 Dieldrin									
1	100	6.450	6.448	0.002	4962769	0.004334			
2	100	7.260	7.260	0.000	2206324	0.003800			
						RPD = 13.12			
17 Endrin									
1	100	6.795	6.793	0.002	4192384	0.004144			
2	100	7.497	7.497	0.000	1970849	0.003794			
						RPD = 8.81			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									1
1	100		6.903						
2	100		7.810						
1 4,4'-DDD									
1	100	6.986	6.984	0.002	3502216	0.003944			
2	100	7.680	7.678	0.002	1553450	0.003626			
						RPD = 8.40			
15 Endosulfan II									
1	100	7.092	7.091	0.001	4226491	0.004325			
2	100	7.777	7.776	0.001	1887486	0.003860			
						RPD = 11.38			
3 4,4'-DDT									
1	100	7.273	7.272	0.001	2778191	0.003676			
2	100	7.985	7.984	0.001	1108638	0.003247			
						RPD = 12.38			
18 Endrin aldehyde									
1	100	7.341	7.339	0.002	3610634	0.004408			
2	100	7.889	7.888	0.001	1553972	0.003895			
						RPD = 12.34			
30 Toxaphene									1
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100	7.551	7.550	0.001	3818368	0.004338			
2	100	8.173	8.172	0.001	1699068	0.003983			
						RPD = 8.53			
27 Methoxychlor									
1	100	7.988	7.986	0.002	1572795	0.004027			
2	100	8.426	8.424	0.002	582244	0.003386			
						RPD = 17.29			
19 Endrin ketone									
1	100	8.135	8.134	0.001	4526386	0.004409			
2	100	8.570	8.569	0.001	1883929	0.004025			
						RPD = 9.10			
28 Mirex									1
1	100		8.279						
2	100		9.197						
$ 10 DCB Decachlorobiphenyl									
1	100		9.278						
2	100		10.390						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 Chlorobenzilate									
1	100		10.885						
2	100		11.705						

QC Flag Legend

Processing Flags
1 - Missing Peaks

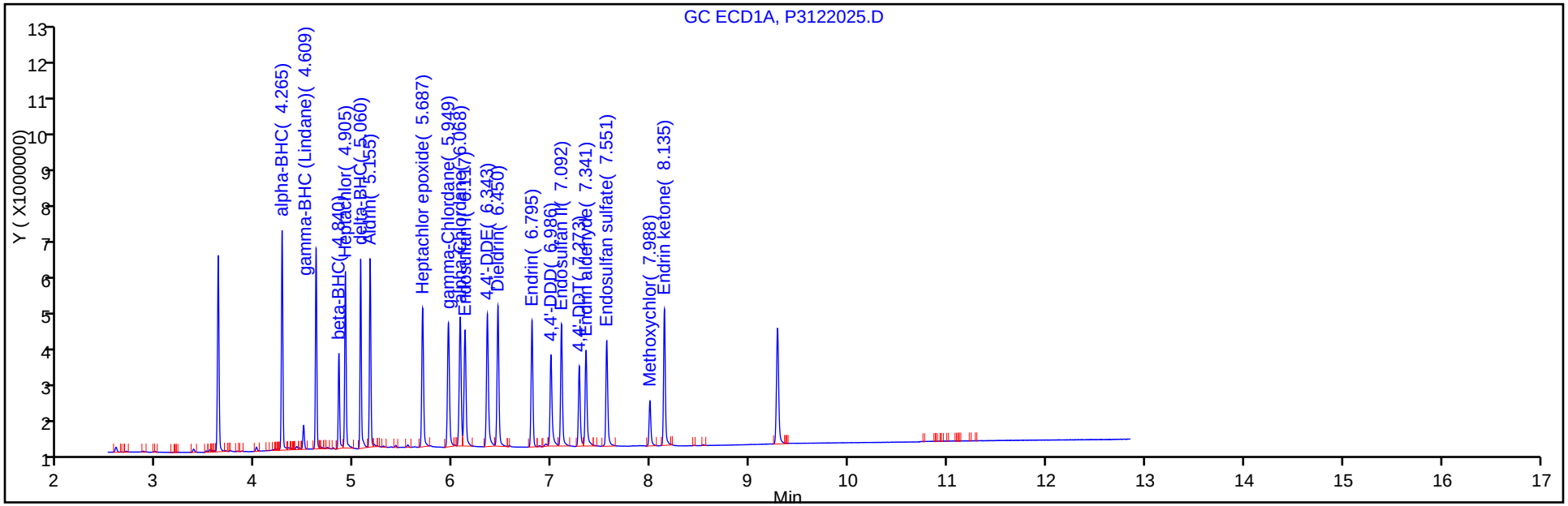
Report Date: 21-Dec-2012 09:49:49 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

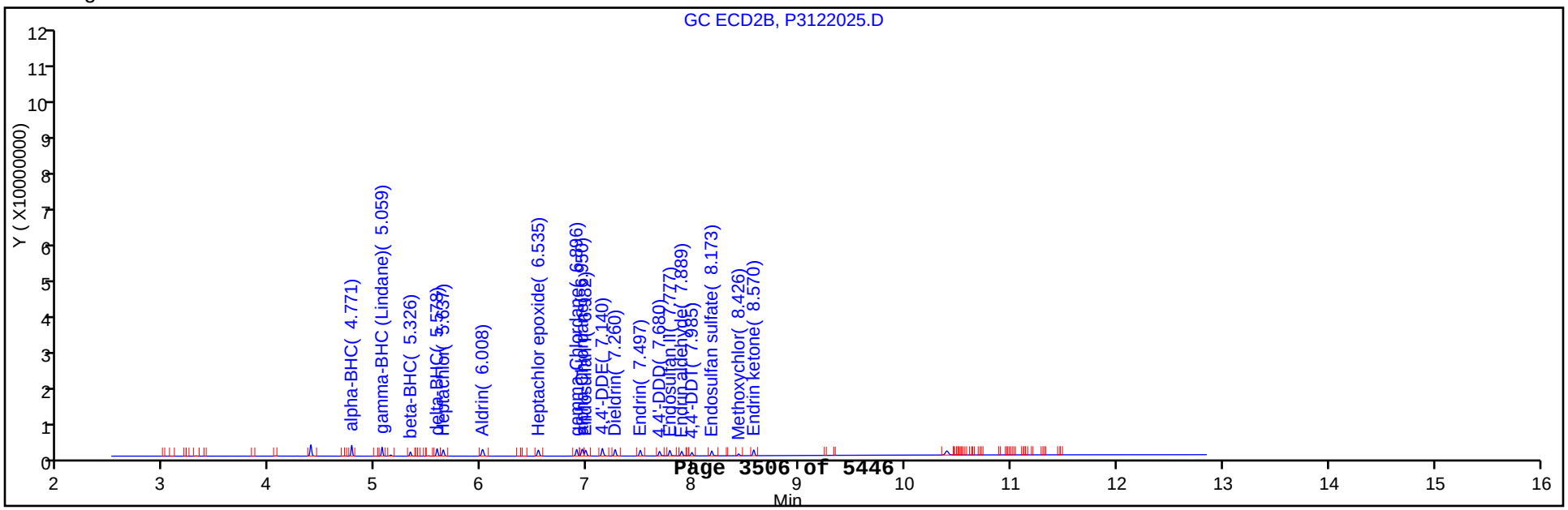
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122025.D

Injection Date:	20-Dec-2012 15:25:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	25
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69512/25

Matrix: Solid | Lab File ID: P3122025.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/20/2012 15:25

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 69512 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00363*	*J*	*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00366*	*J*	*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00325*	*J ^*	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00388*	*J*	*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00380*	*J*	*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00389*	*J*	*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00417*	*J*	*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00371*	*J*	*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00380*	*J*	*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00384*	*J*	*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00386*	*J*	*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00398*	*J*	*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00379*	*J*	*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00390*	*J*	*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00403*	*J*	*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00384*	*J*	*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00385*	*J*	*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00404*	*J*	*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00394*	*J*	*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00339*	*J ^*	*0.010*	0.0030	*0.0032*

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122025.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	20-Dec-2012 15:25:50	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0016042-025		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP3
Injection Vol:	1.0 ul	ALS Bottle#:	25
Lims Batch ID:	69512	Lims Sample ID:	25
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m		
Last Update:	21-Dec-2012 09:49:40	Calib Date:	20-Dec-2012 12:14:40
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK011		

First Level Reviewer: vandorenc Date: 21-Dec-2012 07:30:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.618						
2	100		4.385						
24 Hexachlorobenzene									
1	100		4.143						
2	100		4.847						
5 alpha-BHC									
1	100	4.265	4.265	0.000	6005866	0.004317			
2	100	4.771	4.771	0.000	2880941	0.003795			
						RPD = 12.86			
20 gamma-BHC (Lindane)									
1	100	4.609	4.608	0.001	5158106	0.004325			
2	100	5.059	5.057	0.002	2397454	0.003836			
						RPD = 11.99			
8 Chlordane (technical)									
1	100		4.755						
1	2		5.307						
1	3		5.950						
1	4		6.066						
2	100		5.416						
2	2		6.040						
2	3		6.949						
2	4		7.004						
7 beta-BHC									
1	100	4.840	4.839	0.001	2476982	0.004481			
2	100	5.326	5.324	0.002	1227075	0.004172			
						RPD = 7.15			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
22 Heptachlor									
1	100	4.905	4.906	-0.001	4959617	0.004423			
2	100	5.637	5.636	0.001	2143739	0.004039			
						RPD = 9.08			
11 delta-BHC									
1	100	5.060	5.059	0.001	4791022	0.003975			
2	100	5.578	5.576	0.002	2282161	0.003708			
						RPD = 6.96			
4 Aldrin									
1	100	5.155	5.156	-0.001	5120805	0.004141			
2	100	6.008	6.006	0.002	2692023	0.003879			
						RPD = 6.53			
25 Isodrin									
1	100		5.531						
2	100		6.410						
23 Heptachlor epoxide									
1	100	5.687	5.686	0.001	4751443	0.004434			
2	100	6.535	6.534	0.001	2222304	0.003940			
						RPD = 11.81			
12 Diallate									
1	100		5.797						
1	2		6.015						
2	100		6.496						
2	2		6.661						
21 gamma-Chlordane									
1	100	5.949	5.948	0.001	4680187	0.004048			
2	100	6.896	6.896	0.000	2279858	0.003850			
						RPD = 5.00			
6 alpha-Chlordane									
1	100	6.068	6.066	0.002	4787561	0.004160			
2	100	6.950	6.949	0.001	2466093	0.003889			
						RPD = 6.72			
14 Endosulfan I									
1	100	6.117	6.114	0.003	4472151	0.004191			
2	100	6.982	6.981	0.001	2087202	0.003843			
						RPD = 8.65			
2 4,4'-DDE									
1	100	6.343	6.341	0.002	5002204	0.004183			
2	100	7.140	7.139	0.001	2706492	0.003660			
						RPD = 13.34			
13 Dieldrin									
1	100	6.450	6.448	0.002	4962769	0.004334			
2	100	7.260	7.260	0.000	2206324	0.003800			
						RPD = 13.12			
17 Endrin									
1	100	6.795	6.793	0.002	4192384	0.004144			
2	100	7.497	7.497	0.000	1970849	0.003794			
						RPD = 8.81			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									1
1	100		6.903						
2	100		7.810						
1 4,4'-DDD									
1	100	6.986	6.984	0.002	3502216	0.003944			
2	100	7.680	7.678	0.002	1553450	0.003626			
						RPD = 8.40			
15 Endosulfan II									
1	100	7.092	7.091	0.001	4226491	0.004325			
2	100	7.777	7.776	0.001	1887486	0.003860			
						RPD = 11.38			
3 4,4'-DDT									
1	100	7.273	7.272	0.001	2778191	0.003676			
2	100	7.985	7.984	0.001	1108638	0.003247			
						RPD = 12.38			
18 Endrin aldehyde									
1	100	7.341	7.339	0.002	3610634	0.004408			
2	100	7.889	7.888	0.001	1553972	0.003895			
						RPD = 12.34			
30 Toxaphene									1
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100	7.551	7.550	0.001	3818368	0.004338			
2	100	8.173	8.172	0.001	1699068	0.003983			
						RPD = 8.53			
27 Methoxychlor									
1	100	7.988	7.986	0.002	1572795	0.004027			
2	100	8.426	8.424	0.002	582244	0.003386			
						RPD = 17.29			
19 Endrin ketone									
1	100	8.135	8.134	0.001	4526386	0.004409			
2	100	8.570	8.569	0.001	1883929	0.004025			
						RPD = 9.10			
28 Mirex									1
1	100		8.279						
2	100		9.197						
$ 10 DCB Decachlorobiphenyl									
1	100		9.278						
2	100		10.390						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 Chlorobenzilate									
1	100		10.885						
2	100		11.705						

QC Flag Legend

Processing Flags
1 - Missing Peaks

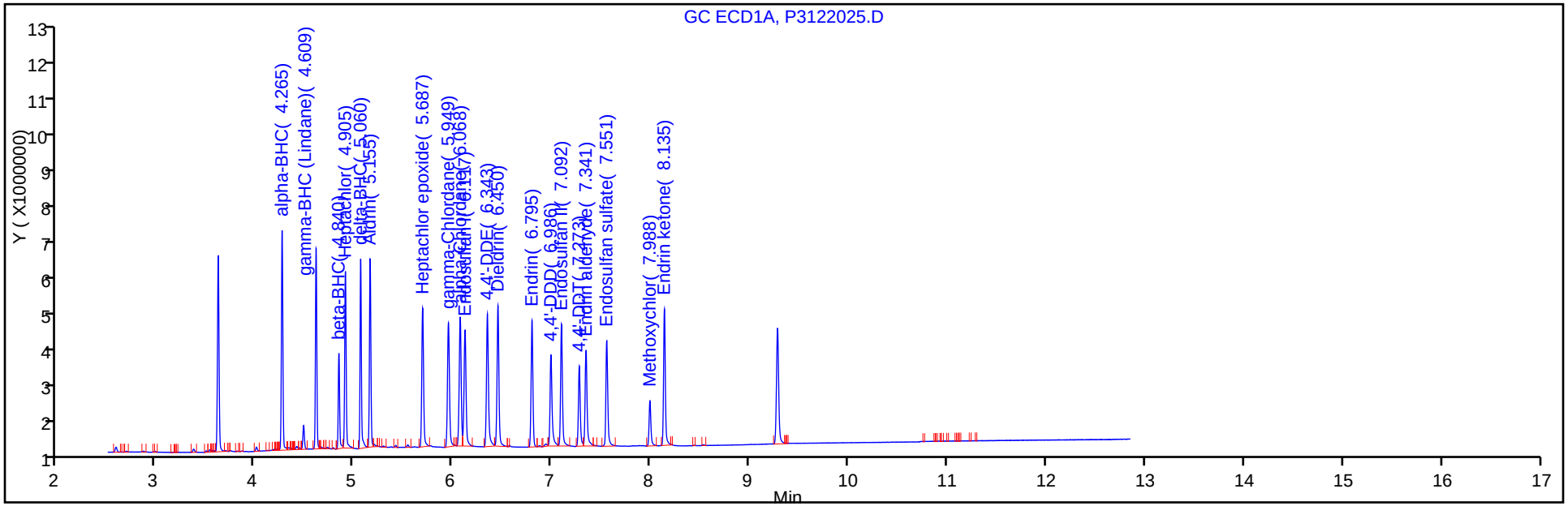
Report Date: 21-Dec-2012 09:49:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

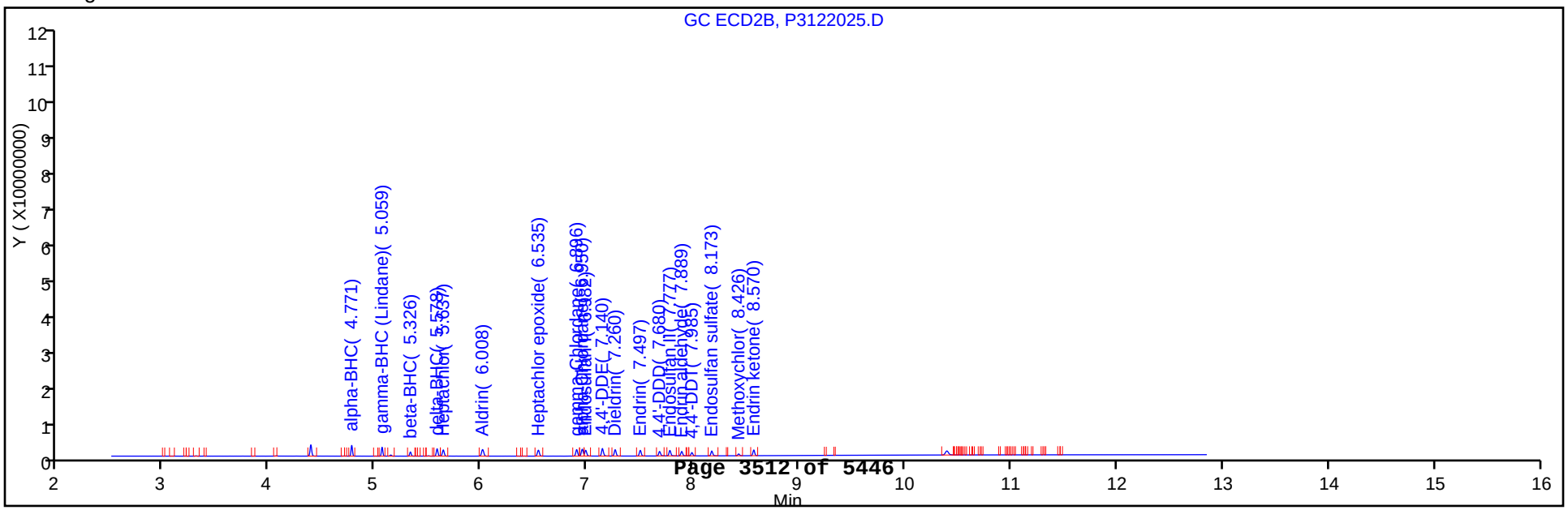
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Injection Date:	20-Dec-2012 15:25:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	25
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69512/41

Matrix: Solid | Lab File ID: P3122041.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/20/2012 21:03

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 69512 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00588		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00559		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00526		0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00599		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00618		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00602		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00641		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00604		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00592		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00596		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00604		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00600		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00603		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00594		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00593		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00616		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00587		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00621		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00616		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00559	J	0.010	0.0030	0.0032

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122041.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 21:03:20 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016042-041
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 41
Lims Batch ID: 69512 Lims Sample ID: 41
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:44:04 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 09:32:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.615						
2	100		4.382						
24 Hexachlorobenzene									1
1	100		4.143						
2	100		4.847						
5 alpha-BHC									
1	100	4.262	4.262	0.000	8595946	0.006179			
2	100	4.770	4.769	0.001	4635284	0.006107			
						RPD = 1.17			
20 gamma-BHC (Lindane)									
1	100	4.607	4.607	0.000	7346160	0.006159			
2	100	5.056	5.055	0.001	3892931	0.006228			
						RPD = 1.11			
8 Chlordane (technical)									
1	100		4.755						
1	2		5.307						
1	3		5.950						
1	4		6.066						
2	100		5.416						
2	2		6.040						
2	3		6.949						
2	4		7.004						
7 beta-BHC									
1	100	4.837	4.837	0.000	3541522	0.006407			
2	100	5.323	5.322	0.001	1886899	0.006415			
						RPD = 0.12			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
22 Heptachlor									
1	100	4.903	4.902	0.001	6958721	0.006206			
2	100	5.634	5.633	0.001	3150795	0.005936			
						RPD = 4.44			
11 delta-BHC									
1	100	5.058	5.057	0.001	7284022	0.006043			
2	100	5.574	5.574	0.000	3762466	0.006113			
						RPD = 1.14			
4 Aldrin									
1	100	5.153	5.153	0.000	7407053	0.005990			
2	100	6.005	6.003	0.002	4184743	0.006030			
						RPD = 0.67			
25 Isodrin									
1	100		5.531						
2	100		6.410						
23 Heptachlor epoxide									
1	100	5.683	5.684	-0.001	6598469	0.006158			
2	100	6.531	6.531	0.000	3500180	0.006205			
						RPD = 0.77			
12 Diallate									
1	100		5.797						
1	2		6.015						
2	100		6.496						
2	2		6.661						
21 gamma-Chlordane									
1	100	5.943	5.944	-0.001	6790574	0.005873			
2	100	6.893	6.893	0.000	3658701	0.006179			
						RPD = 5.08			
6 alpha-Chlordane									
1	100	6.063	6.062	0.001	6927323	0.006019			
2	100	6.946	6.946	0.000	3903296	0.006155			
						RPD = 2.25			
14 Endosulfan I									
1	100	6.111	6.112	-0.001	6359833	0.005960			
2	100	6.978	6.979	-0.001	3255149	0.005994			
						RPD = 0.57			
2 4,4'-DDE									
1	100	6.338	6.338	0.000	6683518	0.005589			
2	100	7.136	7.136	0.000	4135283	0.005592			
						RPD = 0.06			
13 Dieldrin									
1	100	6.445	6.446	-0.001	6781937	0.005922			
2	100	7.258	7.258	0.000	3507531	0.006041			
						RPD = 1.99			
17 Endrin									
1	100	6.790	6.791	-0.001	6101703	0.006031			
2	100	7.494	7.494	0.000	3119566	0.006005			
						RPD = 0.42			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		6.903						
2	100		7.810						
1 4,4'-DDD									
1	100	6.980	6.980	0.000	5218870	0.005877			
2	100	7.676	7.675	0.001	2688238	0.006275			
						RPD = 6.54			
15 Endosulfan II									
1	100	7.088	7.088	0.000	5899052	0.006037			
2	100	7.773	7.774	-0.001	3042030	0.006220			
						RPD = 2.99			
3 4,4'-DDT									
1	100	7.268	7.267	0.001	3975959	0.005260			
2	100	7.980	7.981	-0.001	1813410	0.005311			
						RPD = 0.97			
18 Endrin aldehyde									
1	100	7.336	7.336	0.000	4866370	0.005940			
2	100	7.885	7.886	-0.001	2345899	0.005880			
						RPD = 1.02			
30 Toxaphene									1
1	1		7.350						
1	2		7.421						
1	3		7.817						
1	4		7.939						
1	5		8.272						
2	100		7.492						
2	2		7.814						
2	3		8.088						
2	4		8.485						
2	5		8.967						
16 Endosulfan sulfate									
1	100	7.546	7.548	-0.002	5283030	0.006002			
2	100	8.170	8.169	0.001	2478939	0.005811			
						RPD = 3.22			
27 Methoxychlor									
1	100	7.983	7.982	0.001	2183961	0.005591			
2	100	8.423	8.422	0.001	976973	0.005681			
						RPD = 1.59			
19 Endrin ketone									
1	100	8.128	8.129	-0.001	6089447	0.005931			
2	100	8.567	8.566	0.001	2810902	0.006006			
						RPD = 1.25			
28 Mirex									1
1	100		8.279						
2	100		9.197						
$ 10 DCB Decachlorobiphenyl									
1	100		9.274						
2	100		10.388						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 Chlorobenzilate									
1	100		10.885						
2	100		11.705						

QC Flag Legend

Processing Flags
1 - Missing Peaks

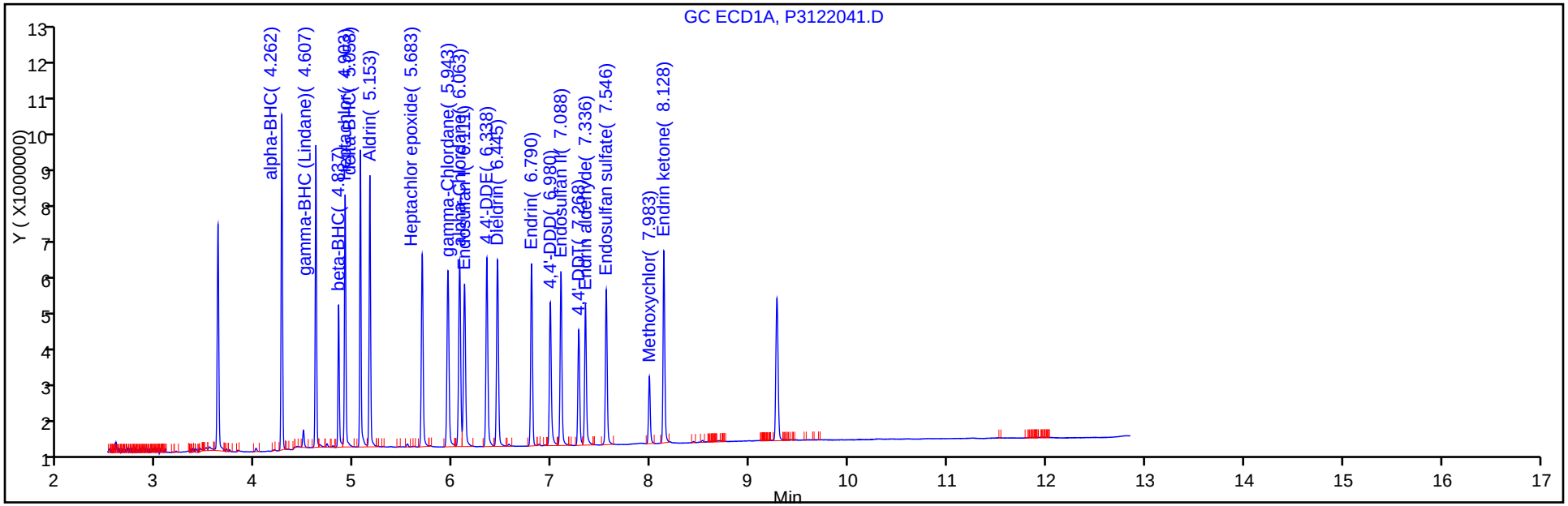
Report Date: 21-Dec-2012 09:49:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

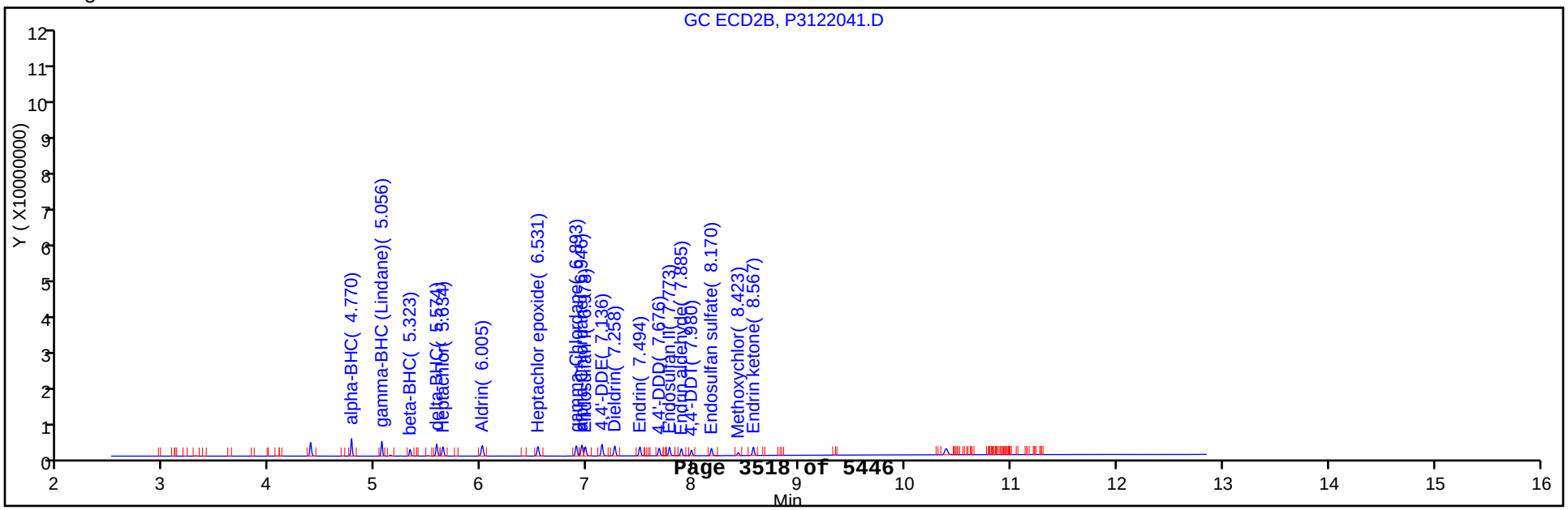
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122041.D

Injection Date:	20-Dec-2012 21:03:20	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	41
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69512/41

Matrix: Solid | Lab File ID: P3122041.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/20/2012 21:03

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 69512 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00627*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00559*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00531*		*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00603*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00611*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00616*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00641*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00611*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00604*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00599*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00622*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00581*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00601*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00588*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00601*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00623*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00618*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00594*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00621*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00568*	*J*	*0.010*	0.0030	*0.0032*

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122041.D
Lims ID: MRL Client ID:
Inject. Date: 20-Dec-2012 21:03:20 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016042-041
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 41
Lims Batch ID: 69512 Lims Sample ID: 41
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:44:04 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 09:32:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.615						
2	100		4.382						
24 Hexachlorobenzene									1
1	100		4.143						
2	100		4.847						
5 alpha-BHC									
1	100	4.262	4.262	0.000	8595946	0.006179			
2	100	4.770	4.769	0.001	4635284	0.006107			
						RPD = 1.17			
20 gamma-BHC (Lindane)									
1	100	4.607	4.607	0.000	7346160	0.006159			
2	100	5.056	5.055	0.001	3892931	0.006228			
						RPD = 1.11			
8 Chlordane (technical)									
1	100		4.755						
1	2		5.307						
1	3		5.950						
1	4		6.066						
2	100		5.416						
2	2		6.040						
2	3		6.949						
2	4		7.004						
7 beta-BHC									
1	100	4.837	4.837	0.000	3541522	0.006407			
2	100	5.323	5.322	0.001	1886899	0.006415			
						RPD = 0.12			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
22 Heptachlor									
1	100	4.903	4.902	0.001	6958721	0.006206			
2	100	5.634	5.633	0.001	3150795	0.005936			
						RPD = 4.44			
11 delta-BHC									
1	100	5.058	5.057	0.001	7284022	0.006043			
2	100	5.574	5.574	0.000	3762466	0.006113			
						RPD = 1.14			
4 Aldrin									
1	100	5.153	5.153	0.000	7407053	0.005990			
2	100	6.005	6.003	0.002	4184743	0.006030			
						RPD = 0.67			
25 Isodrin									
1	100		5.531						
2	100		6.410						
23 Heptachlor epoxide									
1	100	5.683	5.684	-0.001	6598469	0.006158			
2	100	6.531	6.531	0.000	3500180	0.006205			
						RPD = 0.77			
12 Diallate									
1	100		5.797						
1	2		6.015						
2	100		6.496						
2	2		6.661						
21 gamma-Chlordane									
1	100	5.943	5.944	-0.001	6790574	0.005873			
2	100	6.893	6.893	0.000	3658701	0.006179			
						RPD = 5.08			
6 alpha-Chlordane									
1	100	6.063	6.062	0.001	6927323	0.006019			
2	100	6.946	6.946	0.000	3903296	0.006155			
						RPD = 2.25			
14 Endosulfan I									
1	100	6.111	6.112	-0.001	6359833	0.005960			
2	100	6.978	6.979	-0.001	3255149	0.005994			
						RPD = 0.57			
2 4,4'-DDE									
1	100	6.338	6.338	0.000	6683518	0.005589			
2	100	7.136	7.136	0.000	4135283	0.005592			
						RPD = 0.06			
13 Dieldrin									
1	100	6.445	6.446	-0.001	6781937	0.005922			
2	100	7.258	7.258	0.000	3507531	0.006041			
						RPD = 1.99			
17 Endrin									
1	100	6.790	6.791	-0.001	6101703	0.006031			
2	100	7.494	7.494	0.000	3119566	0.006005			
						RPD = 0.42			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		6.903						
2	100		7.810						
1 4,4'-DDD									
1	100	6.980	6.980	0.000	5218870	0.005877			
2	100	7.676	7.675	0.001	2688238	0.006275			
						RPD = 6.54			
15 Endosulfan II									
1	100	7.088	7.088	0.000	5899052	0.006037			
2	100	7.773	7.774	-0.001	3042030	0.006220			
						RPD = 2.99			
3 4,4'-DDT									
1	100	7.268	7.267	0.001	3975959	0.005260			
2	100	7.980	7.981	-0.001	1813410	0.005311			
						RPD = 0.97			
18 Endrin aldehyde									
1	100	7.336	7.336	0.000	4866370	0.005940			
2	100	7.885	7.886	-0.001	2345899	0.005880			
						RPD = 1.02			
30 Toxaphene									1
1	1		7.350						
1	2		7.421						
1	3		7.817						
1	4		7.939						
1	5		8.272						
2	100		7.492						
2	2		7.814						
2	3		8.088						
2	4		8.485						
2	5		8.967						
16 Endosulfan sulfate									
1	100	7.546	7.548	-0.002	5283030	0.006002			
2	100	8.170	8.169	0.001	2478939	0.005811			
						RPD = 3.22			
27 Methoxychlor									
1	100	7.983	7.982	0.001	2183961	0.005591			
2	100	8.423	8.422	0.001	976973	0.005681			
						RPD = 1.59			
19 Endrin ketone									
1	100	8.128	8.129	-0.001	6089447	0.005931			
2	100	8.567	8.566	0.001	2810902	0.006006			
						RPD = 1.25			
28 Mirex									1
1	100		8.279						
2	100		9.197						
$ 10 DCB Decachlorobiphenyl									
1	100		9.274						
2	100		10.388						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 Chlorobenzilate									
1	100		10.885						
2	100		11.705						

QC Flag Legend

Processing Flags
1 - Missing Peaks

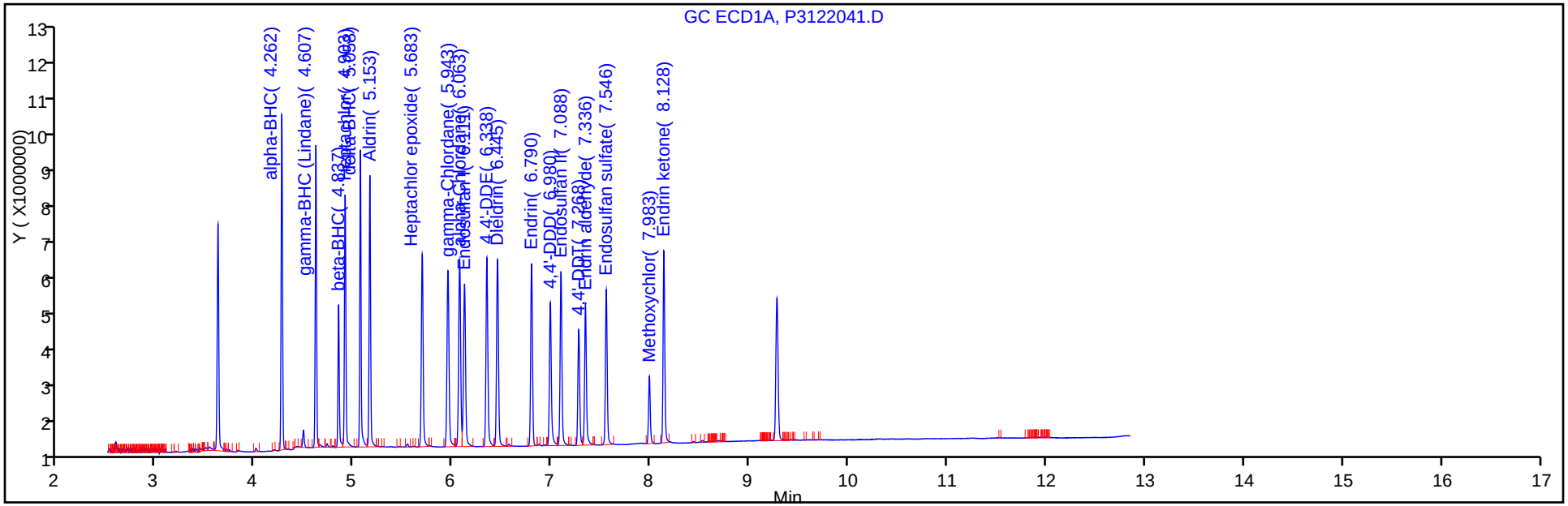
Report Date: 21-Dec-2012 09:49:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

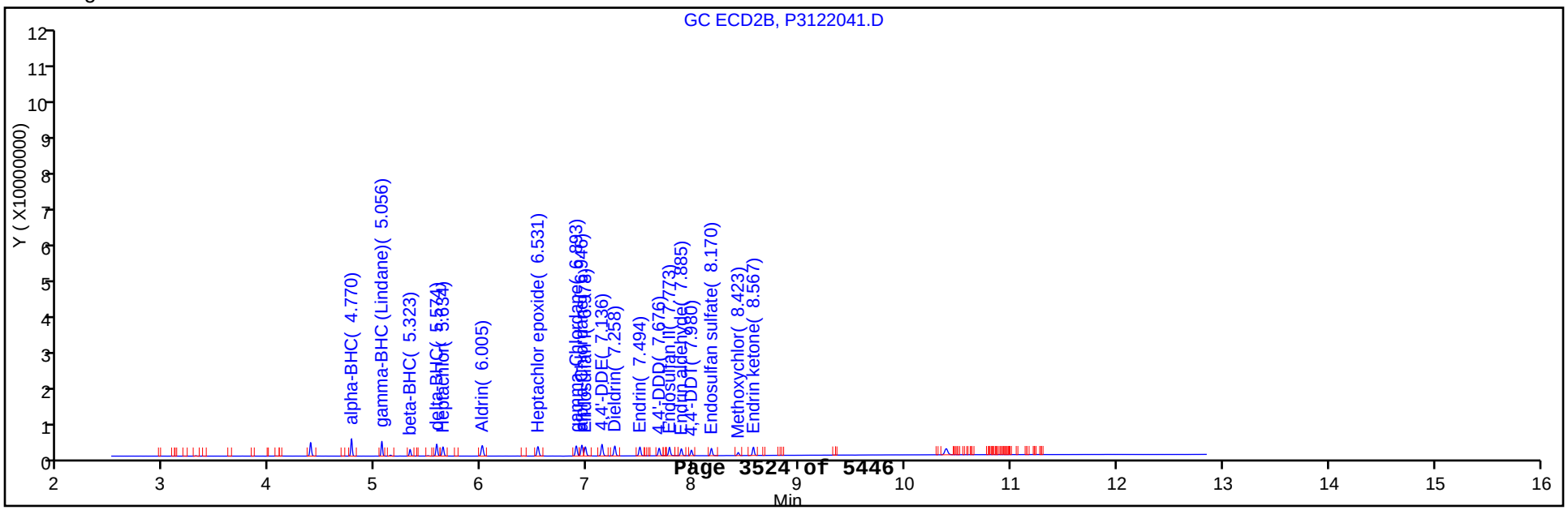
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122041.D

Injection Date:	20-Dec-2012 21:03:20	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	41
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69893/19

Matrix: Solid | Lab File ID: P9122219.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/22/2012 18:51

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 69893 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00509	M	0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00499	J	0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00491	J	0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00510		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00481	J	0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00516		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00527		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00464	J	0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00522		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00554		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00550	M	0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00532		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00548		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00555		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00548		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00505		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00514		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00561		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00544		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00507	J	0.010	0.0030	0.0032

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122219.D
Lims ID: MRL Client ID:
Inject. Date: 22-Dec-2012 18:51:23 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016122-019
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 69893 Lims Sample ID: 19
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 03-Jan-2013 07:24:17 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK036

First Level Reviewer: vandorenc Date: 31-Dec-2012 11:10:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.499						
2	100		4.089						
24 Hexachlorobenzene									
1	100		3.968						
2	100		4.696						
12 Diallate									1
1	100		4.059						
1	2		4.221						
2	100		4.659						
2	2		4.806						
5 alpha-BHC									
1	100	4.180	4.182	-0.002	18337821	0.004813			
2	100	4.914	4.913	0.001	60069139	0.004559			
						RPD = 5.44			
20 gamma-BHC (Lindane)									
1	100	4.557	4.557	0.000	15738099	0.005051			
2	100	5.469	5.467	0.002	51990727	0.004984			
						RPD = 1.34			
7 beta-BHC									
1	100	4.688	4.689	-0.001	7145253	0.005266			
2	100	5.645	5.643	0.002	24111595	0.005527			
						RPD = 4.83			
11 delta-BHC									
1	100	4.902	4.902	0.000	15672812	0.004643			
2	100	6.194	6.192	0.002	51367615	0.004732			
						RPD = 1.91			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.070						
1	2		5.925						
1	3		7.168						
1	4		7.513						
2	100		5.996						
2	2		7.491						
2	3		8.918						
2	4		9.231						
22 Heptachlor									
1	100	5.183	5.183	0.000	15385238	0.005607			
2	100	6.291	6.289	0.002	52598040	0.005974			
						RPD = 6.34			
4 Aldrin									
1	100	5.634	5.633	0.001	18138188	0.005101			
2	100	7.005	7.005	0.000	53000607	0.004985			
						RPD = 2.31			
25 Isodrin									
1	100		6.218						
2	100		8.001						
23 Heptachlor epoxide									
1	100	6.860	6.860	0.000	14812857	0.005443			
2	100	8.494	8.492	0.002	46495997	0.005573			
						RPD = 2.35			
21 gamma-Chlordane									
1	100	7.165	7.166	-0.001	15738848	0.005138			
2	100	8.919	8.919	0.000	47121619	0.005276			
						RPD = 2.65			
6 alpha-Chlordane									
1	100	7.515	7.516	-0.001	16299940	0.005162			
2	100	9.233	9.232	0.001	47130215	0.005326			
						RPD = 3.14			
14 Endosulfan I									
1	100	7.793	7.794	-0.001	14164638	0.005536			
2	100	9.294	9.294	0.000	41444151	0.005810			
						RPD = 4.83			
2 4,4'-DDE									
1	100	7.900	7.899	0.001	16488686	0.004987			
2	100	9.695	9.694	0.001	43944529	0.005083			
						RPD = 1.92			
13 Dieldrin									
1	100	8.359	8.361	-0.002	13866818	0.005223			
2	100	9.830	9.829	0.001	43189060	0.005446			
						RPD = 4.18			
17 Endrin									
1	100	8.818	8.818	0.000	13388801	0.005479			
2	100	10.352	10.351	0.001	39163246	0.005560			
						RPD = 1.46			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.915						
2	100		10.536						
1 4,4'-DDD									M
1	100	9.187	9.185	0.002	9617628	0.005088			M
2	100	10.726	10.724	0.002	65540249	0.005291			
						RPD = 3.91			
15 Endosulfan II									M
1	100	9.269	9.269	0.000	13893378	0.005499			M
2	100	10.726	10.724	0.002	65540249	0.005291			
						RPD = 3.85			
9 Chlorobenzilate									
1	100		9.286						
2	100		10.541						
30 Toxaphene									1
1	100		9.498						
1	2		9.949						
1	3		10.015						
1	4		10.599						
1	5		11.165						
2	100		10.886						
2	2		11.435						
2	3		11.836						
2	4		12.064						
2	5		12.451						
3 4,4'-DDT									
1	100	9.708	9.706	0.002	9217621	0.004911			
2	100	11.210	11.209	0.001	23021595	0.004934			
						RPD = 0.48			
18 Endrin aldehyde									
1	100	10.067	10.065	0.002	10206839	0.005551			
2	100	11.298	11.297	0.001	30468267	0.005801			
						RPD = 4.41			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.661	10.659	0.002	4454919	0.005075			
2	100	12.290	12.288	0.002	12920128	0.005592			
						RPD = 9.71			
16 Endosulfan sulfate									
1	100	10.789	10.789	0.000	11899507	0.005316			
2	100	11.731	11.730	0.001	33954100	0.005344			
						RPD = 0.51			
19 Endrin ketone									
1	100	11.189	11.188	0.001	12823399	0.005477			
2	100	12.468	12.467	0.001	34794005	0.005564			
						RPD = 1.57			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.802						
2	100		14.247						

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

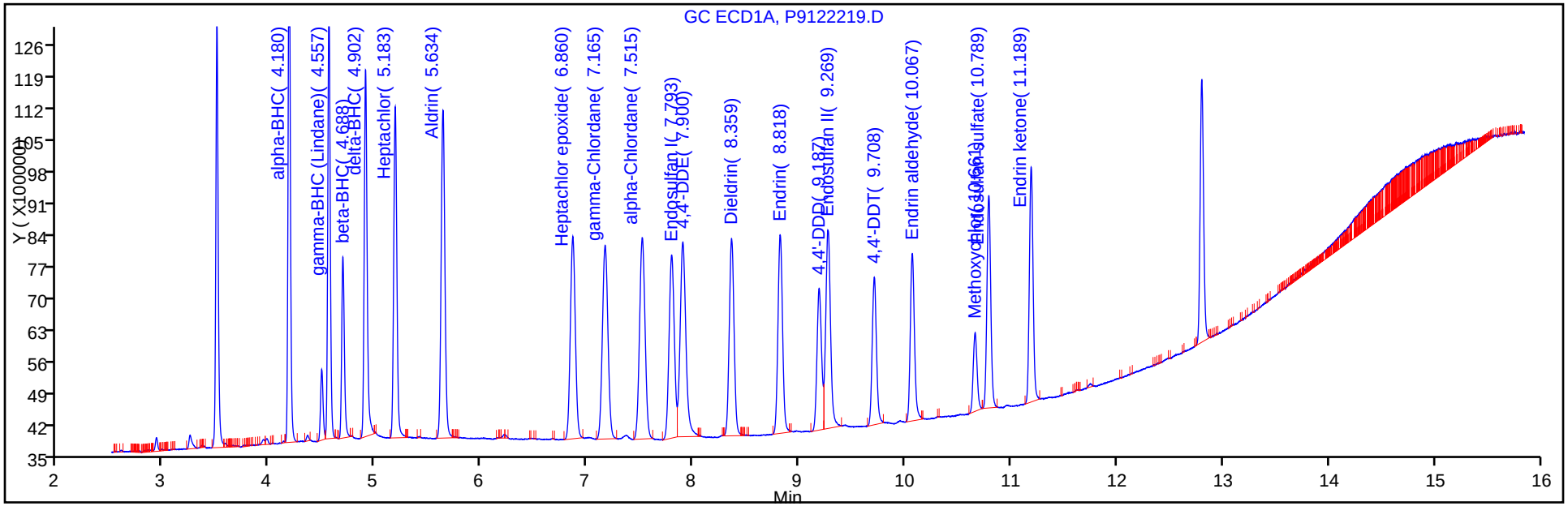
Report Date: 03-Jan-2013 07:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

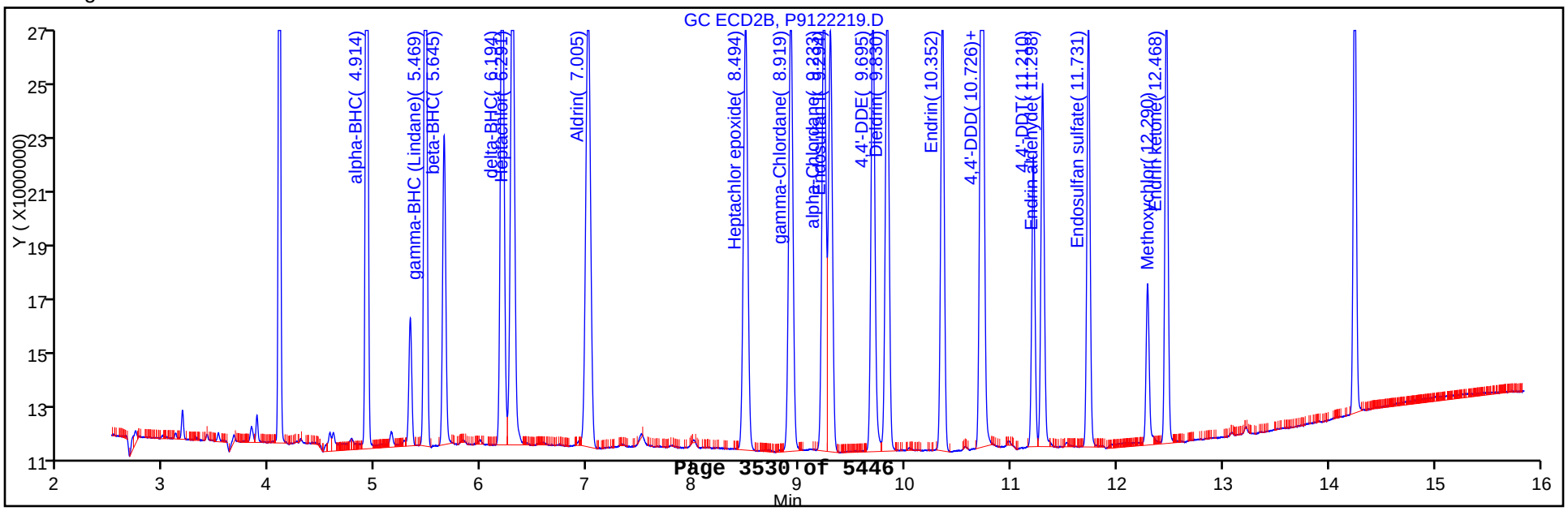
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122219.D

Injection Date:	22-Dec-2012 18:51:23	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

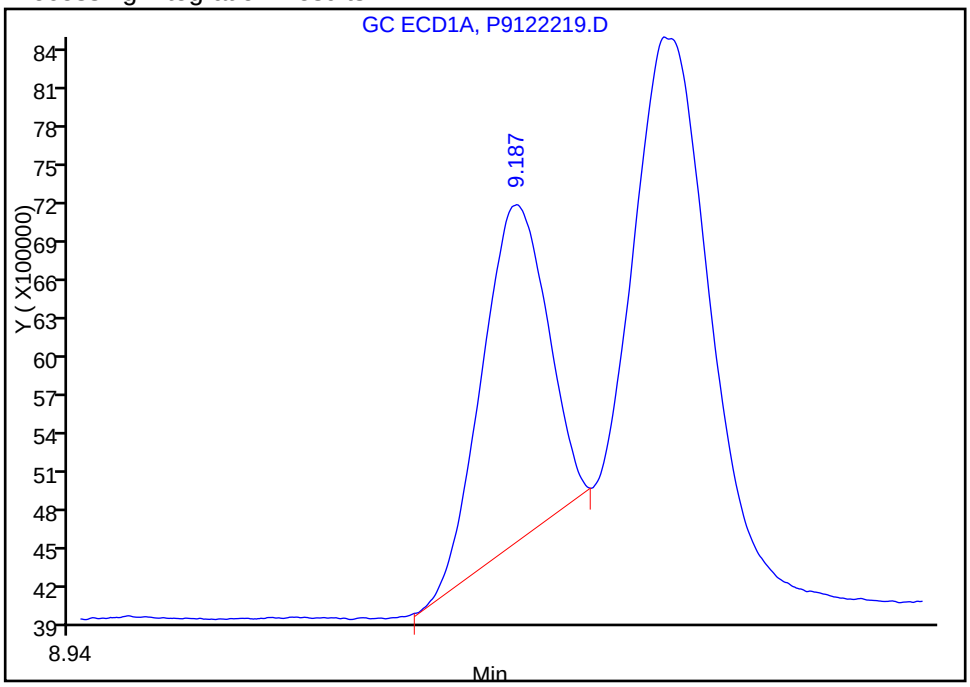
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122219.D		
Injection Date:	22-Dec-2012 18:51:23	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 4,4'-DDD, Signal: 1, Type: quant, RT: 9.18, Det: GC ECD1A

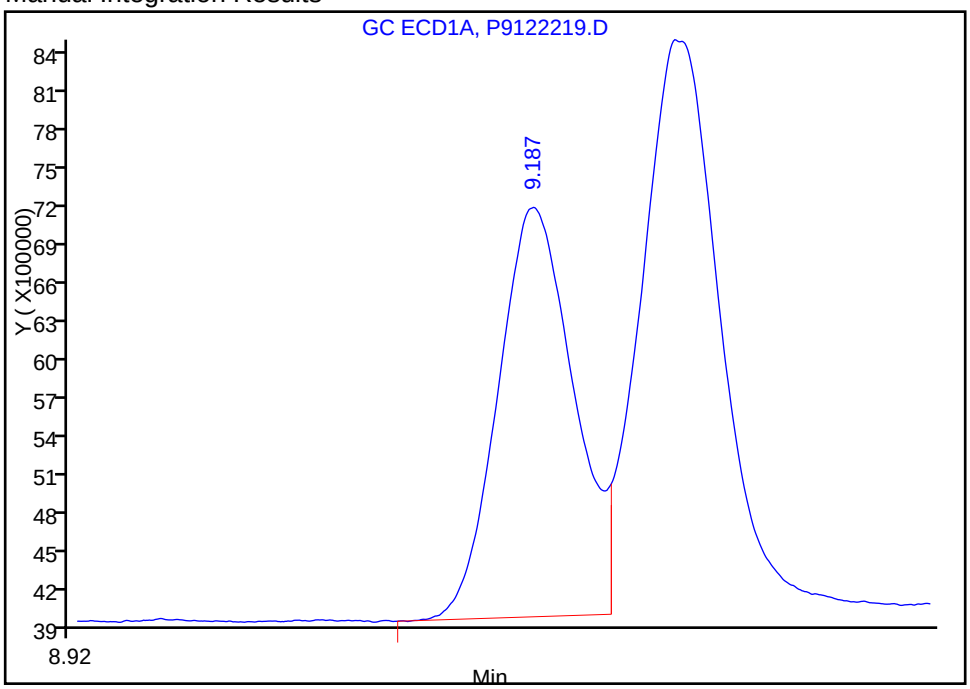
Processing Integration Results

RT: 9.19
Response: 6574150
Amount: 0.003478



Manual Integration Results

RT: 9.19
Response: 9617628
Amount: 0.005088



Reviewer: vandorenc, 31-Dec-2012 11:13:04
Audit Action: Manually Integrated/Assigned Compound ID
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

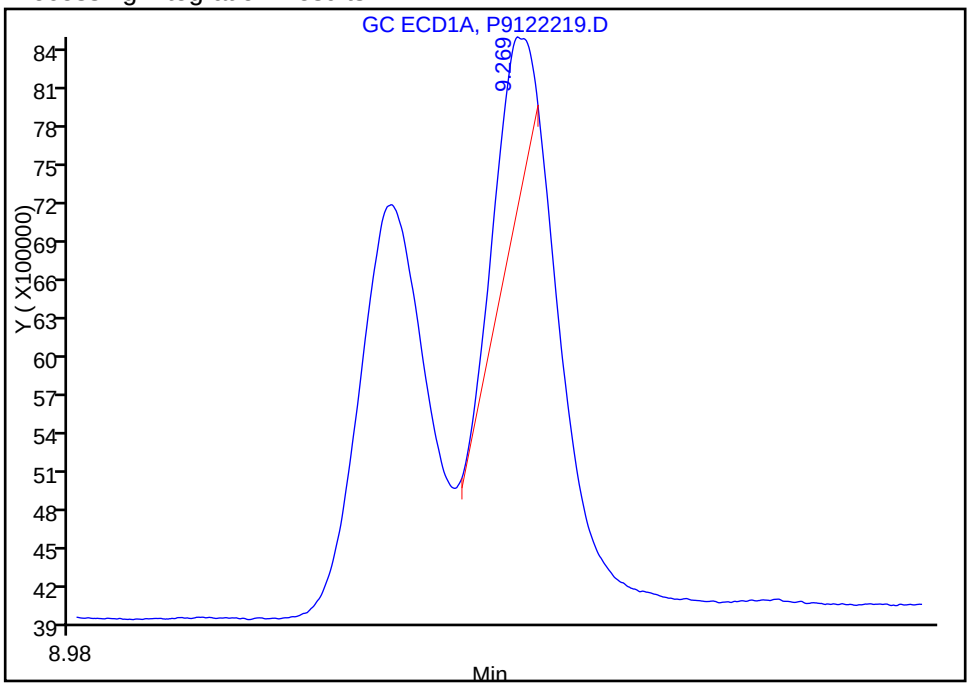
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122219.D		
Injection Date:	22-Dec-2012 18:51:23	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

15 Endosulfan II, Signal: 1, Type: quant, RT: 9.27, Det: GC ECD1A

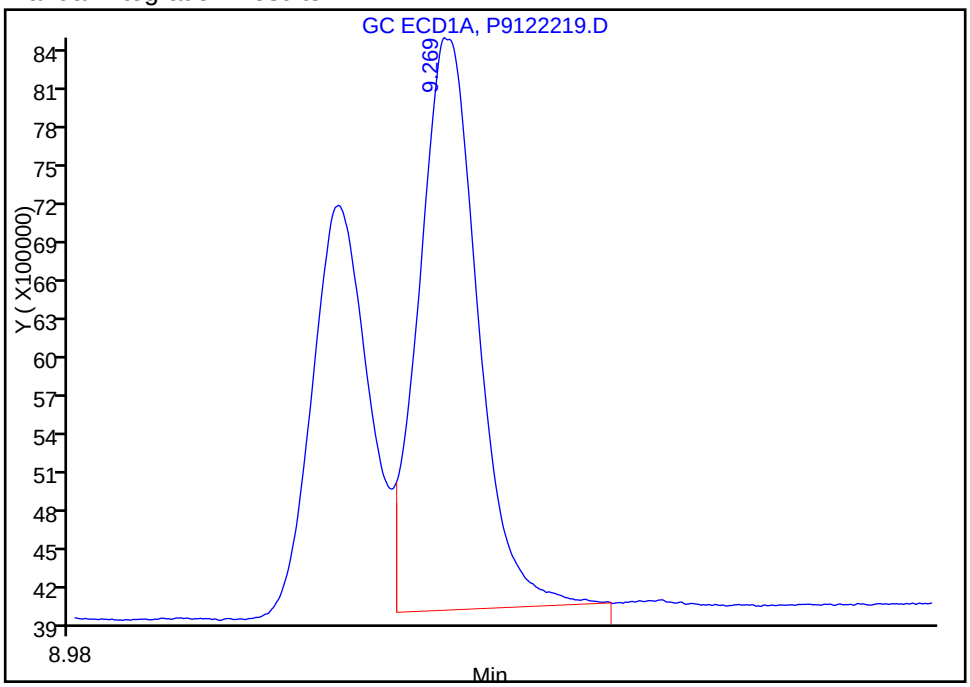
Processing Integration Results

RT: 9.27
Response: 2110892
Amount: 0.000835



Manual Integration Results

RT: 9.27
Response: 13893378
Amount: 0.005499



Reviewer: vandorenc, 31-Dec-2012 11:13:04
Audit Action: Manually Integrated/Assigned Compound ID
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69893/19

Matrix: Solid | Lab File ID: P9122219.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/22/2012 18:51

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 69893 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00529*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00508*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00493*	*J*	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00498*	*J*	*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00456*	*J*	*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00533*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00553*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00473*	*J*	*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00545*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00581*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00529*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00534*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00556*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00580*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00556*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00498*	*J*	*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00528*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00597*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00557*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00559*	*J*	*0.010*	0.0030	*0.0032*

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122219.D
Lims ID: MRL Client ID:
Inject. Date: 22-Dec-2012 18:51:23 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016122-019
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 69893 Lims Sample ID: 19
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m
Last Update: 03-Jan-2013 07:24:17 Calib Date: 22-Dec-2012 17:38:19
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK036

First Level Reviewer: vandorenc Date: 31-Dec-2012 11:10:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.499						
2	100		4.089						
24 Hexachlorobenzene									
1	100		3.968						
2	100		4.696						
12 Diallate									1
1	100		4.059						
1	2		4.221						
2	100		4.659						
2	2		4.806						
5 alpha-BHC									
1	100	4.180	4.182	-0.002	18337821	0.004813			
2	100	4.914	4.913	0.001	60069139	0.004559			
						RPD = 5.44			
20 gamma-BHC (Lindane)									
1	100	4.557	4.557	0.000	15738099	0.005051			
2	100	5.469	5.467	0.002	51990727	0.004984			
						RPD = 1.34			
7 beta-BHC									
1	100	4.688	4.689	-0.001	7145253	0.005266			
2	100	5.645	5.643	0.002	24111595	0.005527			
						RPD = 4.83			
11 delta-BHC									
1	100	4.902	4.902	0.000	15672812	0.004643			
2	100	6.194	6.192	0.002	51367615	0.004732			
						RPD = 1.91			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.070						
1	2		5.925						
1	3		7.168						
1	4		7.513						
2	100		5.996						
2	2		7.491						
2	3		8.918						
2	4		9.231						
22 Heptachlor									
1	100	5.183	5.183	0.000	15385238	0.005607			
2	100	6.291	6.289	0.002	52598040	0.005974			
						RPD = 6.34			
4 Aldrin									
1	100	5.634	5.633	0.001	18138188	0.005101			
2	100	7.005	7.005	0.000	53000607	0.004985			
						RPD = 2.31			
25 Isodrin									
1	100		6.218						
2	100		8.001						
23 Heptachlor epoxide									
1	100	6.860	6.860	0.000	14812857	0.005443			
2	100	8.494	8.492	0.002	46495997	0.005573			
						RPD = 2.35			
21 gamma-Chlordane									
1	100	7.165	7.166	-0.001	15738848	0.005138			
2	100	8.919	8.919	0.000	47121619	0.005276			
						RPD = 2.65			
6 alpha-Chlordane									
1	100	7.515	7.516	-0.001	16299940	0.005162			
2	100	9.233	9.232	0.001	47130215	0.005326			
						RPD = 3.14			
14 Endosulfan I									
1	100	7.793	7.794	-0.001	14164638	0.005536			
2	100	9.294	9.294	0.000	41444151	0.005810			
						RPD = 4.83			
2 4,4'-DDE									
1	100	7.900	7.899	0.001	16488686	0.004987			
2	100	9.695	9.694	0.001	43944529	0.005083			
						RPD = 1.92			
13 Dieldrin									
1	100	8.359	8.361	-0.002	13866818	0.005223			
2	100	9.830	9.829	0.001	43189060	0.005446			
						RPD = 4.18			
17 Endrin									
1	100	8.818	8.818	0.000	13388801	0.005479			
2	100	10.352	10.351	0.001	39163246	0.005560			
						RPD = 1.46			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.915						
2	100		10.536						
1 4,4'-DDD									M
1	100	9.187	9.185	0.002	9617628	0.005088			M
2	100	10.726	10.724	0.002	65540249	0.005291			
						RPD = 3.91			
15 Endosulfan II									M
1	100	9.269	9.269	0.000	13893378	0.005499			M
2	100	10.726	10.724	0.002	65540249	0.005291			
						RPD = 3.85			
9 Chlorobenzilate									
1	100		9.286						
2	100		10.541						
30 Toxaphene									1
1	100		9.498						
1	2		9.949						
1	3		10.015						
1	4		10.599						
1	5		11.165						
2	100		10.886						
2	2		11.435						
2	3		11.836						
2	4		12.064						
2	5		12.451						
3 4,4'-DDT									
1	100	9.708	9.706	0.002	9217621	0.004911			
2	100	11.210	11.209	0.001	23021595	0.004934			
						RPD = 0.48			
18 Endrin aldehyde									
1	100	10.067	10.065	0.002	10206839	0.005551			
2	100	11.298	11.297	0.001	30468267	0.005801			
						RPD = 4.41			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.661	10.659	0.002	4454919	0.005075			
2	100	12.290	12.288	0.002	12920128	0.005592			
						RPD = 9.71			
16 Endosulfan sulfate									
1	100	10.789	10.789	0.000	11899507	0.005316			
2	100	11.731	11.730	0.001	33954100	0.005344			
						RPD = 0.51			
19 Endrin ketone									
1	100	11.189	11.188	0.001	12823399	0.005477			
2	100	12.468	12.467	0.001	34794005	0.005564			
						RPD = 1.57			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.802						
2	100		14.247						

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

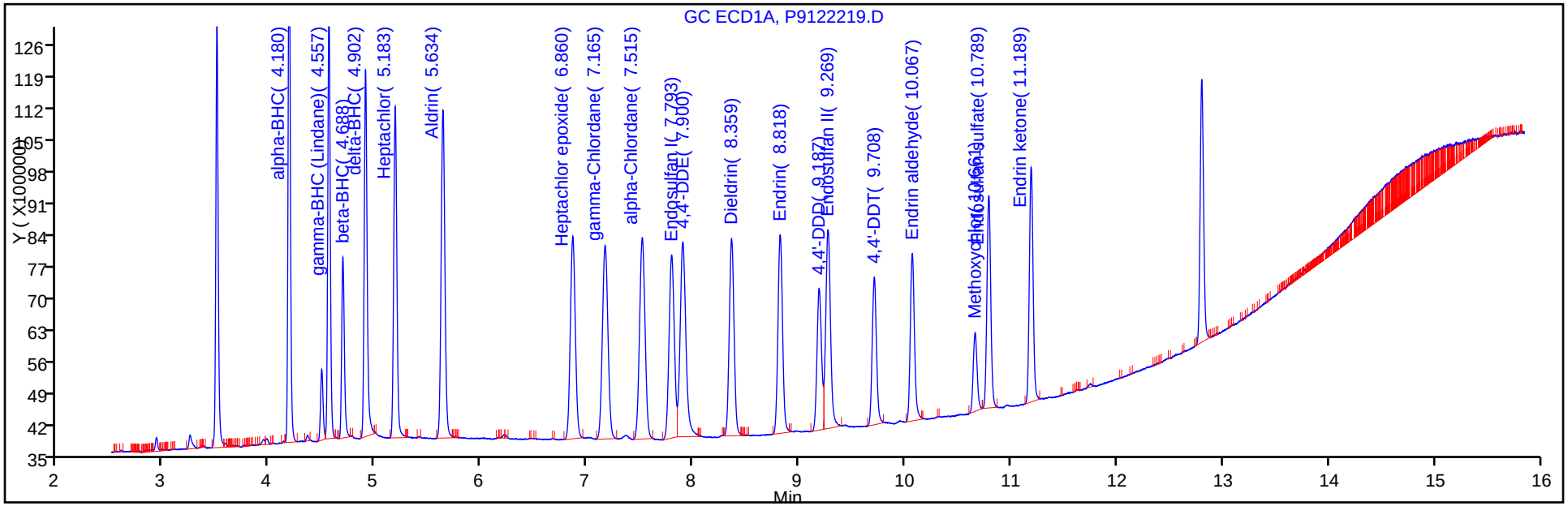
Report Date: 03-Jan-2013 07:56:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

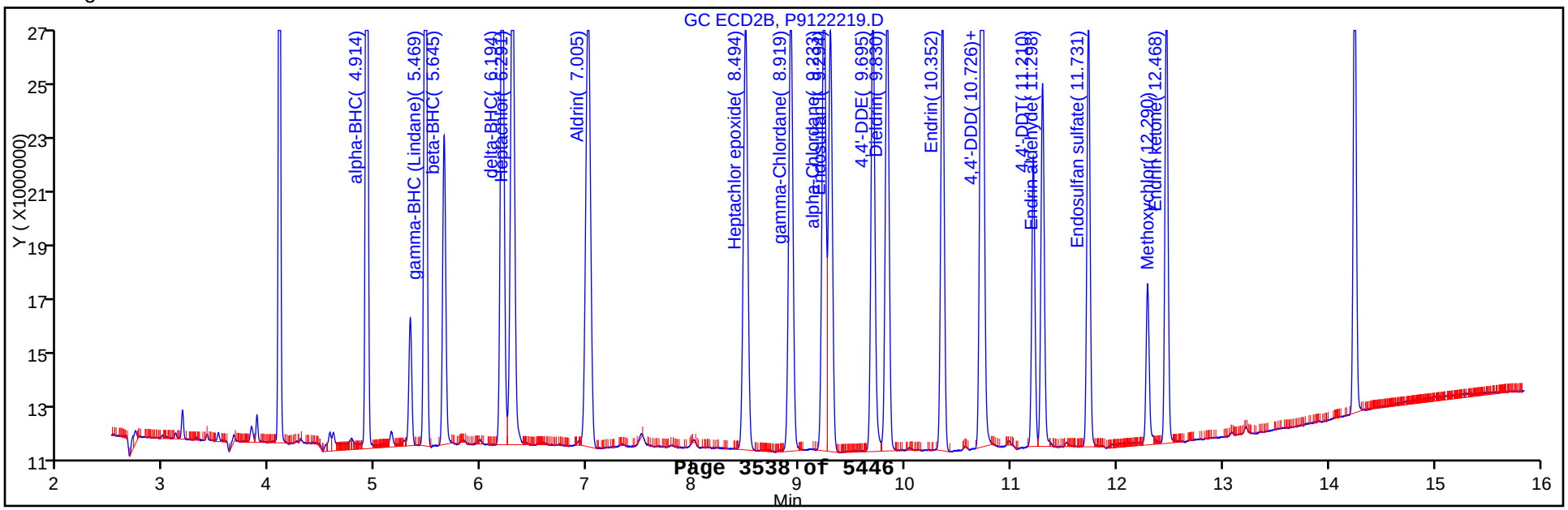
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122219.D

Injection Date:	22-Dec-2012 18:51:23	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69893/43

Matrix: Solid | Lab File ID: P9122243.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/23/2012 04:37

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 69893 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00638	M	0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00624		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00586		0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00651		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00636		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00672	^	0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00711	^	0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00641		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00635		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00665	^	0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00643	M	0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00662	^	0.0050	0.0010	0.0011
72-20-8	Endrin	0.00625		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00619		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00632		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00668	^	0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00671	^	0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00611		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00683	^	0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00639	J	0.010	0.0030	0.0032

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122243.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	23-Dec-2012 04:37:59	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0016122-043		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	43
Lims Batch ID:	69893	Lims Sample ID:	43
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m		
Last Update:	03-Jan-2013 07:24:17	Calib Date:	22-Dec-2012 17:38:19
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK036		
First Level Reviewer: vandorenc		Date:	31-Dec-2012 13:38:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.499						
2	100		4.089						
24 Hexachlorobenzene									
1	100		3.969						
2	100		4.697						
12 Diallate									
1	100		4.059						
1	2		4.221						
2	100		4.659						
2	2		4.806						
5 alpha-BHC									
1	100	4.180	4.181	-0.001	24234520	0.006361			
2	100	4.914	4.914	0.000	79073052	0.006001			
						RPD = 5.83			
20 gamma-BHC (Lindane)									
1	100	4.556	4.556	0.000	20814040	0.006681			
2	100	5.468	5.468	0.000	68571912	0.006574			
						RPD = 1.61			
7 beta-BHC									
1	100	4.687	4.688	-0.001	9646721	0.007110			
2	100	5.644	5.645	-0.001	31583630	0.007240			
						RPD = 1.81			
11 delta-BHC									
1	100	4.901	4.902	-0.001	21650662	0.006413			
2	100	6.192	6.192	0.000	69652658	0.006417			
						RPD = 0.06			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.069						
1	2		5.923						
1	3		7.164						
1	4		7.513						
2	100		5.996						
2	2		7.494						
2	3		8.920						
2	4		9.232						
22 Heptachlor									
1	100	5.182	5.183	-0.001	16777876	0.006115			
2	100	6.290	6.291	-0.001	57608436	0.006543			
						RPD = 6.77			
4 Aldrin									
1	100	5.632	5.633	-0.001	23130768	0.006505			
2	100	7.005	7.005	0.000	70328837	0.006614			
						RPD = 1.66			
25 Isodrin									
1	100		6.219						
2	100		8.002						
23 Heptachlor epoxide									
1	100	6.858	6.860	-0.002	18593186	0.006833			
2	100	8.493	8.491	0.002	58003792	0.006952			
						RPD = 1.73			
21 gamma-Chlordane									
1	100	7.165	7.165	0.000	20542214	0.006706			
2	100	8.919	8.919	0.000	60213439	0.006742			
						RPD = 0.53			
6 alpha-Chlordane									
1	100	7.515	7.516	-0.001	21236395	0.006725			
2	100	9.232	9.231	0.001	60824049	0.006874			
						RPD = 2.19			
14 Endosulfan I									
1	100	7.794	7.793	0.001	17012471	0.006649			
2	100	9.294	9.292	0.002	49249532	0.006904			
						RPD = 3.77			
2 4,4'-DDE									
1	100	7.899	7.897	0.002	20630409	0.006239			
2	100	9.693	9.693	0.000	54806740	0.006340			
						RPD = 1.60			
13 Dieldrin									
1	100	8.360	8.358	0.002	16854444	0.006348			
2	100	9.830	9.829	0.001	52096026	0.006569			
						RPD = 3.42			
17 Endrin									
1	100	8.820	8.819	0.001	15279415	0.006252			
2	100	10.350	10.351	-0.001	44410414	0.006304			
						RPD = 0.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.908						
2	100		10.534						
1 4,4'-DDD									M
1	100	9.184	9.183	0.001	12068385	0.006385			M
2	100	10.723	10.721	0.002	78309339	0.006322			
						RPD = 0.99			
15 Endosulfan II									M
1	100	9.269	9.269	0.000	16239878	0.006428			M
2	100	10.723	10.721	0.002	78309339	0.006322			
						RPD = 1.66			
9 Chlorobenzilate									
1	100		9.286						
2	100		10.541						
30 Toxaphene									1
1	100		9.498						
1	2		9.949						
1	3		10.015						
1	4		10.599						
1	5		11.165						
2	100		10.886						
2	2		11.435						
2	3		11.836						
2	4		12.064						
2	5		12.451						
3 4,4'-DDT									
1	100	9.706	9.705	0.001	11008364	0.005865			
2	100	11.210	11.208	0.002	29093916	0.006236			
						RPD = 6.14			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	11386801	0.006193			
2	100	11.296	11.296	0.000	33280894	0.006337			
						RPD = 2.30			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.656	10.656	0.000	5611224	0.006392			
2	100	12.289	12.287	0.002	15454694	0.006689			
						RPD = 4.55			
16 Endosulfan sulfate									
1	100	10.788	10.788	0.000	14824101	0.006623			
2	100	11.730	11.730	0.000	41813578	0.006580			
						RPD = 0.64			
19 Endrin ketone									
1	100	11.190	11.189	0.001	14801959	0.006322			
2	100	12.467	12.466	0.001	39462311	0.006310			
						RPD = 0.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.801						
2	100		14.246						

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

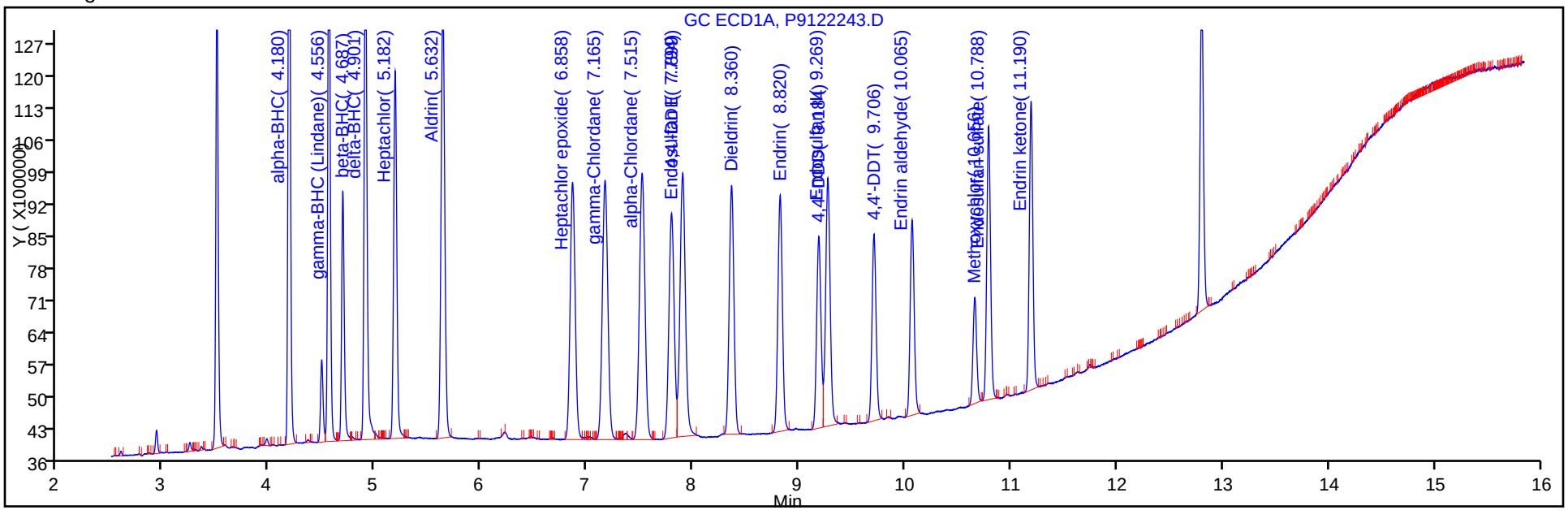
Report Date: 03-Jan-2013 08:03:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

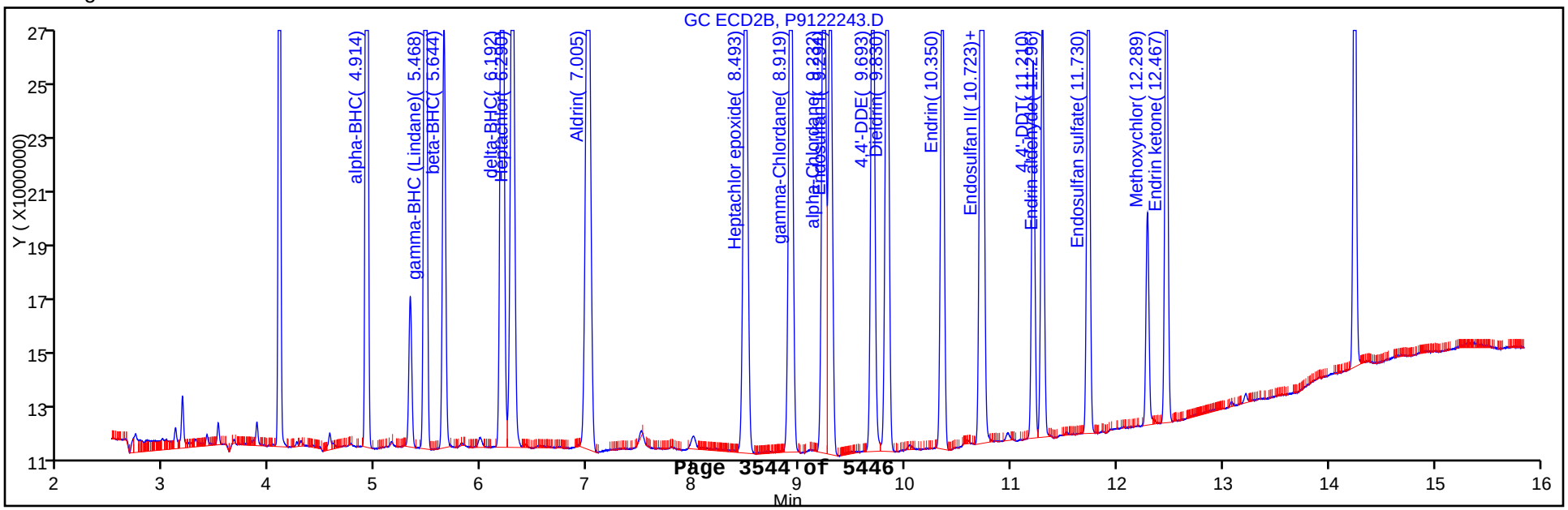
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122243.D

Injection Date:	23-Dec-2012 04:37:59	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	43
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

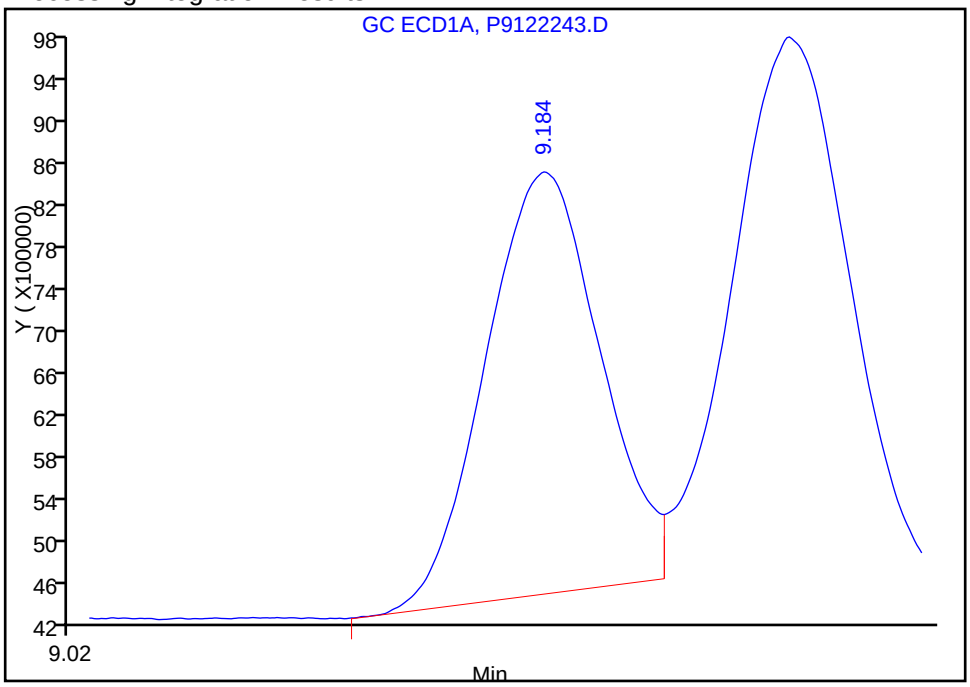
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122243.D		
Injection Date:	23-Dec-2012 04:37:59	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	43
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 4,4'-DDD, Signal: 1, Type: quant, RT: 9.18, Det: GC ECD1A

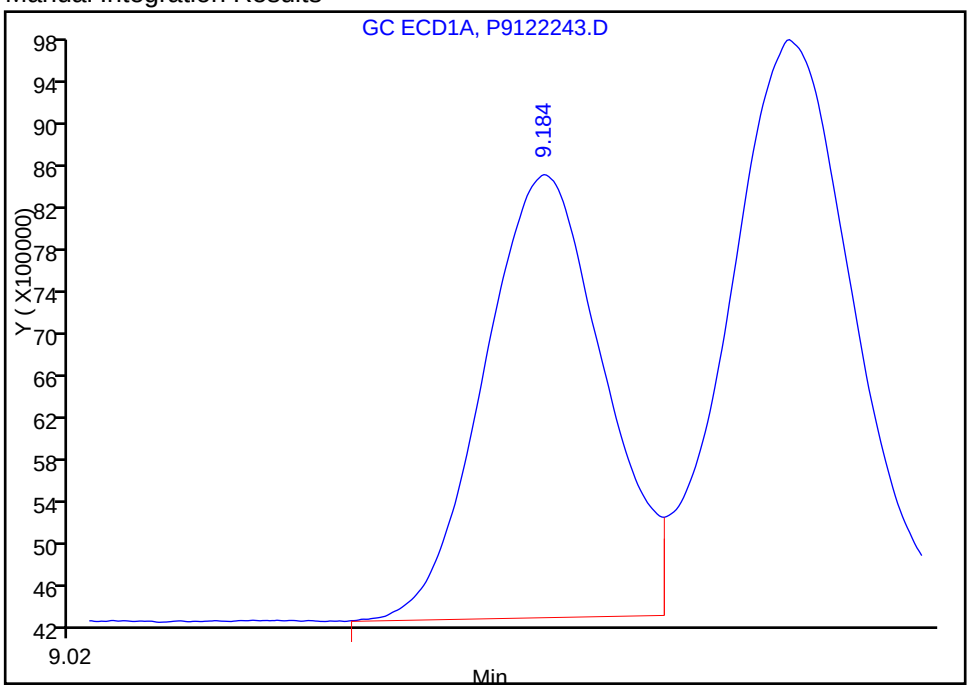
Processing Integration Results

RT: 9.18
Response: 11025207
Amount: 0.005833



Manual Integration Results

RT: 9.18
Response: 12068385
Amount: 0.006385



Reviewer: vandorenc, 31-Dec-2012 13:38:06
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

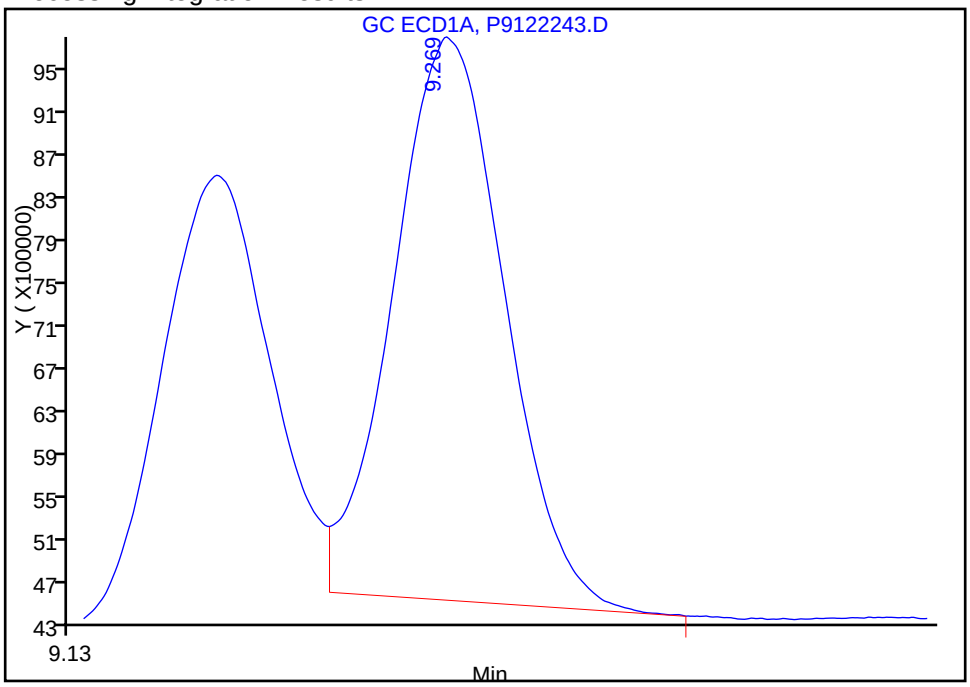
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122243.D		
Injection Date:	23-Dec-2012 04:37:59	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	43
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

15 Endosulfan II, Signal: 1, Type: quant, RT: 9.27, Det: GC ECD1A

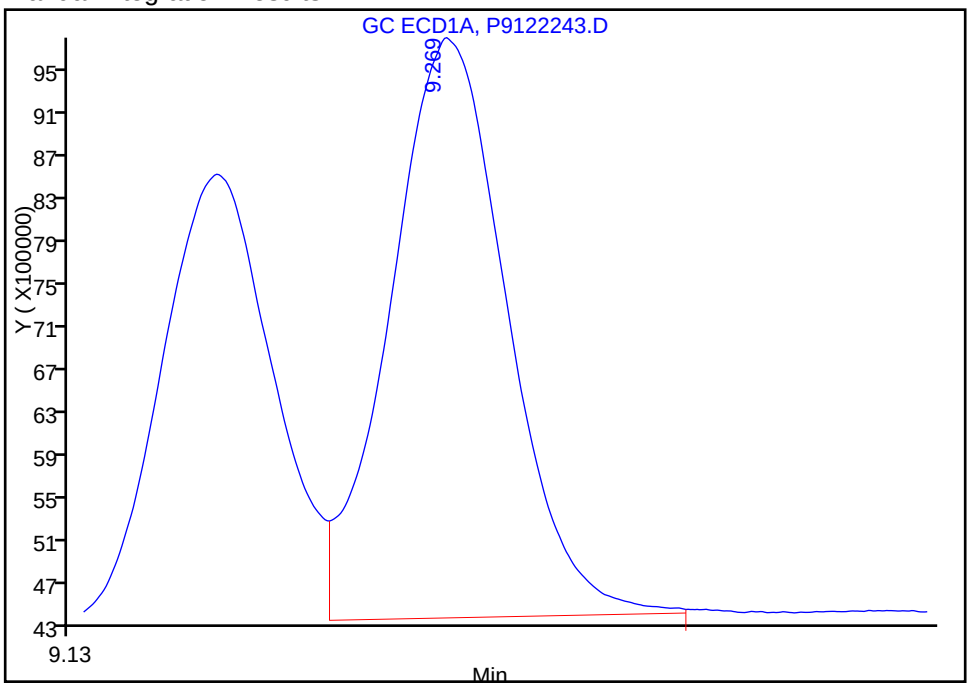
Processing Integration Results

RT: 9.27
Response: 14843967
Amount: 0.005875



Manual Integration Results

RT: 9.27
Response: 16239878
Amount: 0.006428



Reviewer: vandorenc, 31-Dec-2012 13:38:06
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69893/43

Matrix: Solid | Lab File ID: P9122243.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/23/2012 04:37

Con. Extract Vol.: | Dilution Factor: 1

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

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

Analysis Batch No.: 69893 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00632*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00634*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00624*		*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00661*	^	*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00600*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00687*	^	*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00724*	^	*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00642*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00657*	^	*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00690*	^	*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00632*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00658*	^	*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00630*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00634*		*0.0050*	0.0010	*0.0011*
53494-70-5	*Endrin ketone*	*0.00631*		*0.0050*	0.0010	*0.00078*
58-89-9	*gamma-BHC (Lindane)*	*0.00657*	^	*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00674*	^	*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00654*	^	*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00695*	^	*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00669*	*J ^*	*0.010*	0.0030	*0.0032*

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122243.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	23-Dec-2012 04:37:59	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0016122-043		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	43
Lims Batch ID:	69893	Lims Sample ID:	43
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\PEST9.m		
Last Update:	03-Jan-2013 07:24:17	Calib Date:	22-Dec-2012 17:38:19
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122216.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK036		
First Level Reviewer: vandorenc		Date:	31-Dec-2012 13:38:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.499						
2	100		4.089						
24 Hexachlorobenzene									
1	100		3.969						
2	100		4.697						
12 Diallate									
1	100		4.059						
1	2		4.221						
2	100		4.659						
2	2		4.806						
5 alpha-BHC									
1	100	4.180	4.181	-0.001	24234520	0.006361			
2	100	4.914	4.914	0.000	79073052	0.006001			
						RPD = 5.83			
20 gamma-BHC (Lindane)									
1	100	4.556	4.556	0.000	20814040	0.006681			
2	100	5.468	5.468	0.000	68571912	0.006574			
						RPD = 1.61			
7 beta-BHC									
1	100	4.687	4.688	-0.001	9646721	0.007110			
2	100	5.644	5.645	-0.001	31583630	0.007240			
						RPD = 1.81			
11 delta-BHC									
1	100	4.901	4.902	-0.001	21650662	0.006413			
2	100	6.192	6.192	0.000	69652658	0.006417			
						RPD = 0.06			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.069						
1	2		5.923						
1	3		7.164						
1	4		7.513						
2	100		5.996						
2	2		7.494						
2	3		8.920						
2	4		9.232						
22 Heptachlor									
1	100	5.182	5.183	-0.001	16777876	0.006115			
2	100	6.290	6.291	-0.001	57608436	0.006543			
						RPD = 6.77			
4 Aldrin									
1	100	5.632	5.633	-0.001	23130768	0.006505			
2	100	7.005	7.005	0.000	70328837	0.006614			
						RPD = 1.66			
25 Isodrin									
1	100		6.219						
2	100		8.002						
23 Heptachlor epoxide									
1	100	6.858	6.860	-0.002	18593186	0.006833			
2	100	8.493	8.491	0.002	58003792	0.006952			
						RPD = 1.73			
21 gamma-Chlordane									
1	100	7.165	7.165	0.000	20542214	0.006706			
2	100	8.919	8.919	0.000	60213439	0.006742			
						RPD = 0.53			
6 alpha-Chlordane									
1	100	7.515	7.516	-0.001	21236395	0.006725			
2	100	9.232	9.231	0.001	60824049	0.006874			
						RPD = 2.19			
14 Endosulfan I									
1	100	7.794	7.793	0.001	17012471	0.006649			
2	100	9.294	9.292	0.002	49249532	0.006904			
						RPD = 3.77			
2 4,4'-DDE									
1	100	7.899	7.897	0.002	20630409	0.006239			
2	100	9.693	9.693	0.000	54806740	0.006340			
						RPD = 1.60			
13 Dieldrin									
1	100	8.360	8.358	0.002	16854444	0.006348			
2	100	9.830	9.829	0.001	52096026	0.006569			
						RPD = 3.42			
17 Endrin									
1	100	8.820	8.819	0.001	15279415	0.006252			
2	100	10.350	10.351	-0.001	44410414	0.006304			
						RPD = 0.83			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.908						
2	100		10.534						
1 4,4'-DDD									M
1	100	9.184	9.183	0.001	12068385	0.006385			M
2	100	10.723	10.721	0.002	78309339	0.006322			
						RPD = 0.99			
15 Endosulfan II									M
1	100	9.269	9.269	0.000	16239878	0.006428			M
2	100	10.723	10.721	0.002	78309339	0.006322			
						RPD = 1.66			
9 Chlorobenzilate									
1	100		9.286						
2	100		10.541						
30 Toxaphene									1
1	100		9.498						
1	2		9.949						
1	3		10.015						
1	4		10.599						
1	5		11.165						
2	100		10.886						
2	2		11.435						
2	3		11.836						
2	4		12.064						
2	5		12.451						
3 4,4'-DDT									
1	100	9.706	9.705	0.001	11008364	0.005865			
2	100	11.210	11.208	0.002	29093916	0.006236			
						RPD = 6.14			
18 Endrin aldehyde									
1	100	10.065	10.065	0.000	11386801	0.006193			
2	100	11.296	11.296	0.000	33280894	0.006337			
						RPD = 2.30			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.656	10.656	0.000	5611224	0.006392			
2	100	12.289	12.287	0.002	15454694	0.006689			
						RPD = 4.55			
16 Endosulfan sulfate									
1	100	10.788	10.788	0.000	14824101	0.006623			
2	100	11.730	11.730	0.000	41813578	0.006580			
						RPD = 0.64			
19 Endrin ketone									
1	100	11.190	11.189	0.001	14801959	0.006322			
2	100	12.467	12.466	0.001	39462311	0.006310			
						RPD = 0.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.801						
2	100		14.246						

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

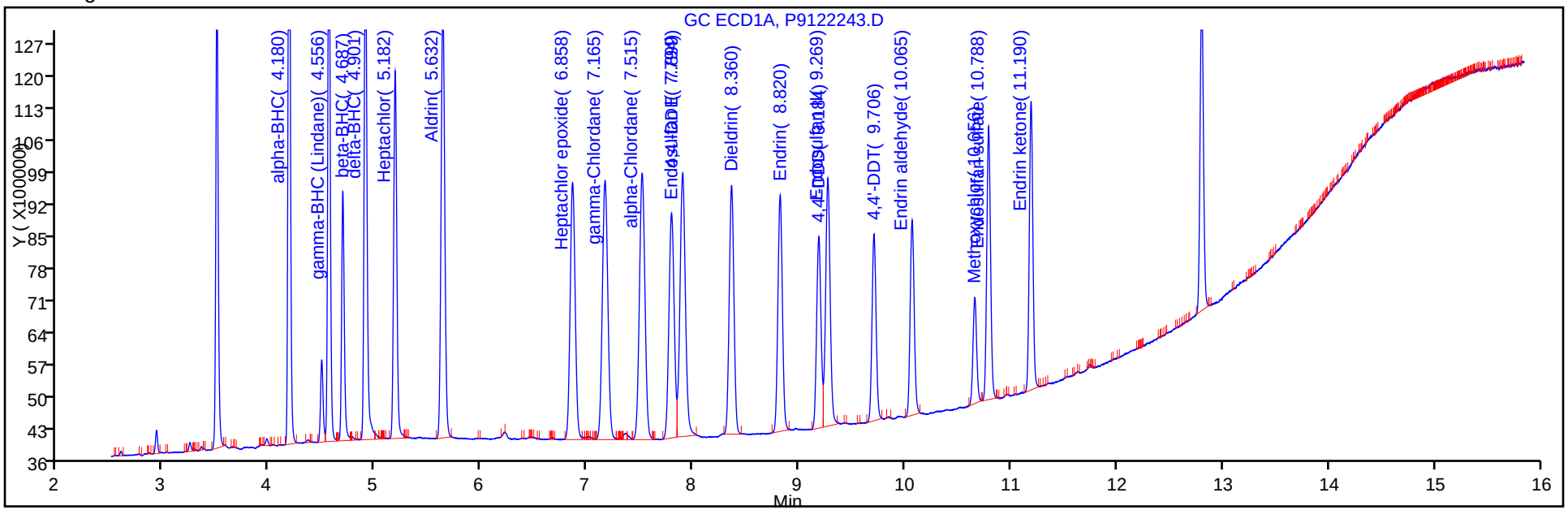
Report Date: 03-Jan-2013 08:03:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

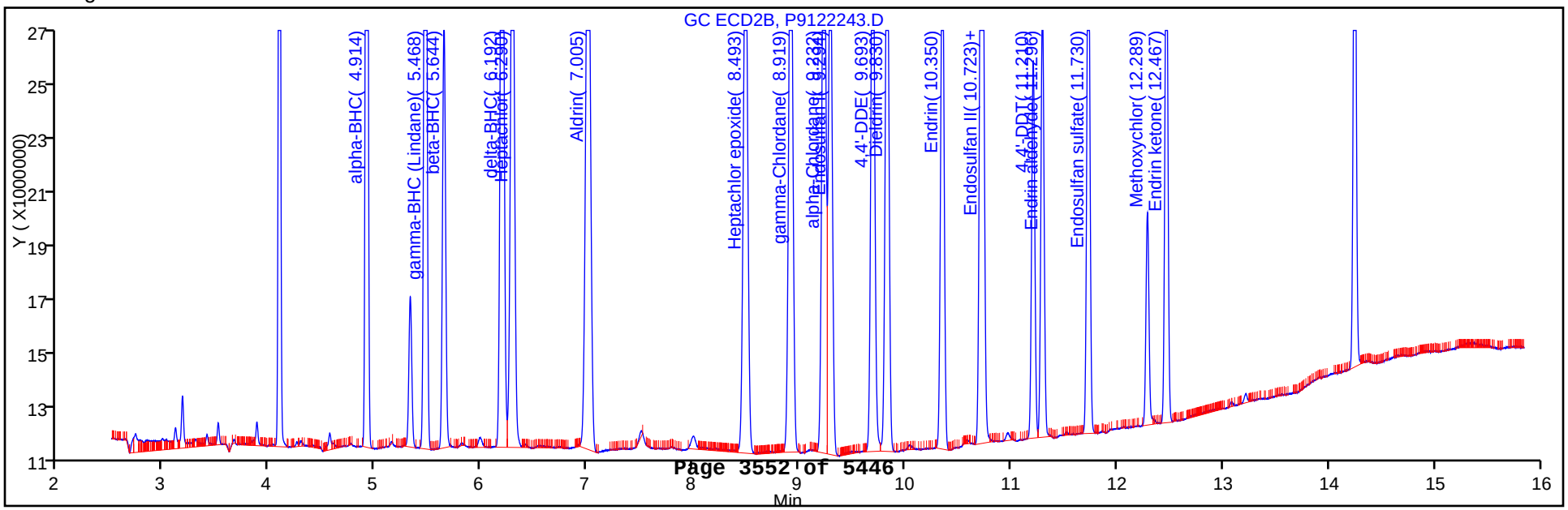
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Injection Date:	23-Dec-2012 04:37:59	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	43
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO MS | Lab Sample ID: 240-18544-16 MS

Matrix: Solid | Lab File ID: P3122037.D

Analysis Method: 8081/DOD | Date Collected: 12/06/2012 14:33

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:19

Sample wt/vol: 29.77(g) | Date Analyzed: 12/20/2012 19:39

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

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

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

Analysis Batch No.: 69512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	30.8		2.0	0.68	0.62
72-55-9	4,4'-DDE	28.8		1.7	0.68	0.39
50-29-3	4,4'-DDT	30.6		2.0	0.68	0.63
309-00-2	Aldrin	29.5		4.0	1.3	1.2
319-84-6	alpha-BHC	31.1		2.5	1.3	0.74
5103-71-9	alpha-Chlordane	28.7		3.0	1.3	0.95
319-85-7	beta-BHC	28.3		3.5	1.3	1.1
319-86-8	delta-BHC	30.8		4.0	1.3	1.2
60-57-1	Dieldrin	30.5		1.7	0.68	0.47
959-98-8	Endosulfan I	23.9		1.7	0.68	0.52
33213-65-9	Endosulfan II	26.6		2.5	1.3	0.83
1031-07-8	Endosulfan sulfate	30.8		3.0	1.3	0.88
72-20-8	Endrin	29.2		1.7	0.68	0.50
7421-93-4	Endrin aldehyde	27.6		3.0	1.3	1.0
53494-70-5	Endrin ketone	26.2		2.0	0.68	0.63
58-89-9	gamma-BHC (Lindane)	29.8		2.5	1.3	0.75
5103-74-2	gamma-Chlordane	28.9		1.7	0.68	0.42
76-44-8	Heptachlor	26.6		3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	30.2		2.5	1.3	0.81
72-43-5	Methoxychlor	26.7		5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	68	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		55-130
877-09-8	Tetrachloro-m-xylene	85		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122037.D
Lims ID: 240-18544-E-16-G MS Client ID:
Inject. Date: 20-Dec-2012 19:39:40 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0016042-037
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 37
Lims Batch ID: 69512 Lims Sample ID: 37
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:36 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 09:28:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.621	-0.003	18477041	0.0170			
2	100	4.386	4.388	-0.002	12197056	0.0169			
						RPD = 0.57			
5 alpha-BHC									
1	100	4.265	4.268	-0.003	128624809	0.0925			
2	100	4.771	4.774	-0.003	77789090	0.1025			
						RPD = 10.29			
20 gamma-BHC (Lindane)									
1	100	4.609	4.612	-0.003	105833447	0.0887			
2	100	5.057	5.061	-0.004	61529753	0.0984			
						RPD = 10.37			
7 beta-BHC									
1	100	4.838	4.842	-0.004	46625701	0.0844			
2	100	5.325	5.329	-0.004	28655684	0.0974			
						RPD = 14.38			
22 Heptachlor									
1	100	4.906	4.909	-0.003	88821415	0.0792			
2	100	5.636	5.640	-0.004	45342972	0.0854			
						RPD = 7.55			
11 delta-BHC									
1	100	5.059	5.063	-0.004	110400787	0.0916			
2	100	5.576	5.581	-0.005	64869986	0.1054			
						RPD = 14.00			
4 Aldrin									
1	100	5.155	5.159	-0.004	108543441	0.0878			
2	100	6.006	6.014	-0.008	71693620	0.1033			
						RPD = 16.26			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.686	5.691	-0.005	96217555	0.0898			
2	100	6.534	6.539	-0.005	57187635	0.1014			
						RPD = 12.13			
21 gamma-Chlordane									
1	100	5.946	5.952	-0.006	99350108	0.0859			
2	100	6.896	6.900	-0.004	94185455	0.1591			
						RPD = 59.71			
6 alpha-Chlordane									
1	100	6.063	6.070	-0.007	98387592	0.0855			
2	100	6.948	6.953	-0.005	61783954	0.0974			
						RPD = 13.07			
14 Endosulfan I									
1	100	6.113	6.119	-0.006	76036714	0.0713			
2	100	6.982	6.986	-0.004	46227159	0.0851			
						RPD = 17.74			
2 4,4'-DDE									
1	100	6.339	6.344	-0.005	102627828	0.0858			
2	100	7.138	7.144	-0.006	68674336	0.0929			
						RPD = 7.89			
13 Dieldrin									
1	100	6.446	6.453	-0.007	103861869	0.0907			
2	100	7.261	7.265	-0.004	47604861	0.0820			
						RPD = 10.08			
17 Endrin									
1	100	6.791	6.799	-0.008	87844195	0.0868			
2	100	7.496	7.501	-0.005	49817921	0.0959			
						RPD = 9.94			
1 4,4'-DDD									
1	100	6.981	6.987	-0.006	81454574	0.0917			
2	100	7.676	7.682	-0.006	41649669	0.0972			
						RPD = 5.81			
15 Endosulfan II									
1	100	7.090	7.095	-0.005	77432375	0.0792			
2	100	7.776	7.780	-0.004	40914913	0.0837			
						RPD = 5.42			
3 4,4'-DDT									
1	100	7.269	7.274	-0.005	68774849	0.0910			
2	100	7.982	7.988	-0.006	32709870	0.0958			
						RPD = 5.15			
18 Endrin aldehyde									
1	100	7.338	7.343	-0.005	67244681	0.0821			
2	100	7.886	7.892	-0.006	35425644	0.0888			
						RPD = 7.85			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100	7.548	7.554	-0.006	80739987	0.0917			
2	100	8.171	8.177	-0.006	40866186	0.0958			
						RPD = 4.35			
27 Methoxychlor									
1	100	7.982	7.988	-0.006	31042054	0.0795			
2	100	8.422	8.429	-0.007	14942543	0.0869			
						RPD = 8.92			
19 Endrin ketone									
1	100	8.131	8.137	-0.006	80197258	0.0781			
2	100	8.567	8.573	-0.006	40064251	0.0856			
						RPD = 9.15			
$ 10 DCB Decachlorobiphenyl									
1	100	9.275	9.282	-0.007	16067764	0.0162			
2	100	10.389	10.399	-0.010	10077196	0.0173			
						RPD = 6.77			

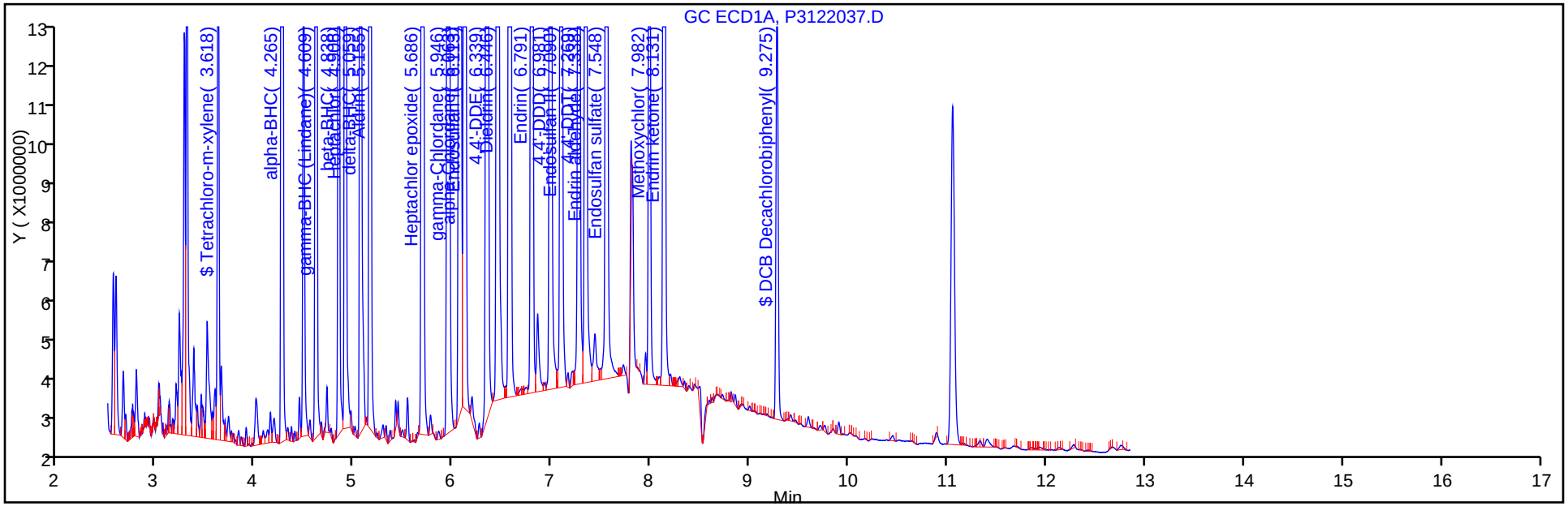
Report Date: 21-Dec-2012 09:49:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

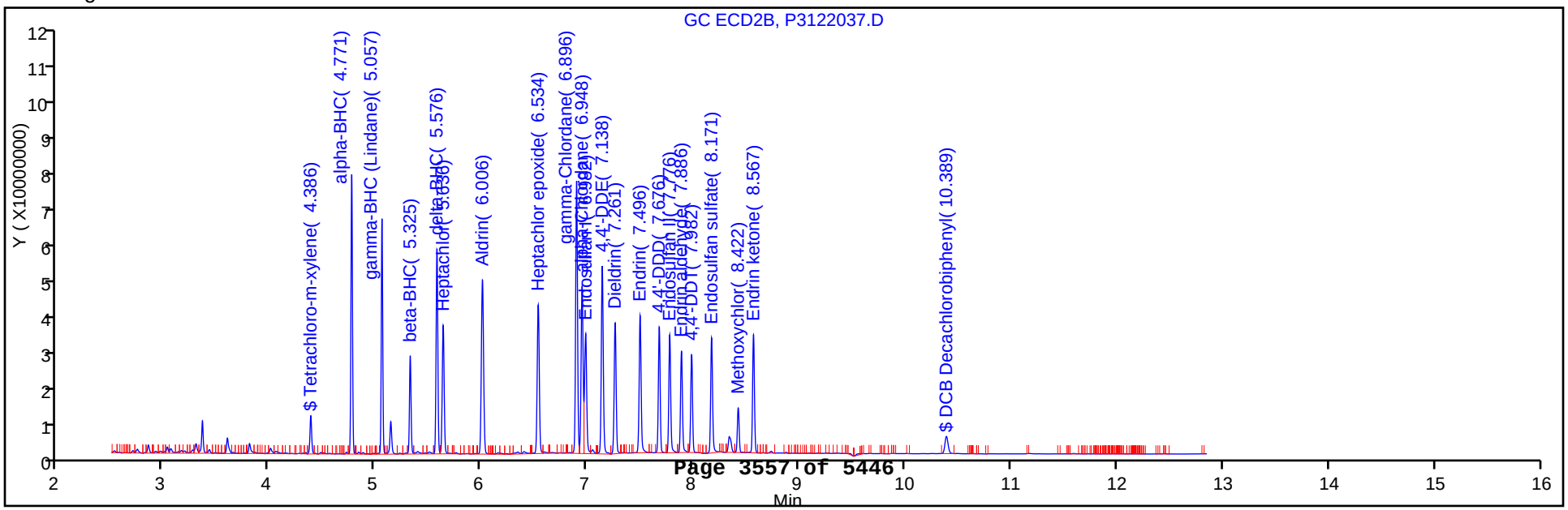
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122037.D

Injection Date:	20-Dec-2012 19:39:40	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	37
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0098-0001-SO MS Lab Sample ID: 240-18544-16 MS

Matrix: Solid Lab File ID: P3122037.D

Analysis Method: 8081/DOD Date Collected: 12/06/2012 14:33

Extraction Method: 3540C Date Extracted: 12/18/2012 10:19

Sample wt/vol: 29.77(g) Date Analyzed: 12/20/2012 19:39

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

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

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

Analysis Batch No.: 69512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		55-130
877-09-8	Tetrachloro-m-xylene	85		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122037.D
Lims ID: 240-18544-E-16-G MS Client ID:
Inject. Date: 20-Dec-2012 19:39:40 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0016042-037
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 37
Lims Batch ID: 69512 Lims Sample ID: 37
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:36 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 09:28:17

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.618	3.621	-0.003	18477041	0.0170			
2	100	4.386	4.388	-0.002	12197056	0.0169			
						RPD = 0.57			
5 alpha-BHC									
1	100	4.265	4.268	-0.003	128624809	0.0925			
2	100	4.771	4.774	-0.003	77789090	0.1025			
						RPD = 10.29			
20 gamma-BHC (Lindane)									
1	100	4.609	4.612	-0.003	105833447	0.0887			
2	100	5.057	5.061	-0.004	61529753	0.0984			
						RPD = 10.37			
7 beta-BHC									
1	100	4.838	4.842	-0.004	46625701	0.0844			
2	100	5.325	5.329	-0.004	28655684	0.0974			
						RPD = 14.38			
22 Heptachlor									
1	100	4.906	4.909	-0.003	88821415	0.0792			
2	100	5.636	5.640	-0.004	45342972	0.0854			
						RPD = 7.55			
11 delta-BHC									
1	100	5.059	5.063	-0.004	110400787	0.0916			
2	100	5.576	5.581	-0.005	64869986	0.1054			
						RPD = 14.00			
4 Aldrin									
1	100	5.155	5.159	-0.004	108543441	0.0878			
2	100	6.006	6.014	-0.008	71693620	0.1033			
						RPD = 16.26			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.686	5.691	-0.005	96217555	0.0898			
2	100	6.534	6.539	-0.005	57187635	0.1014			
						RPD = 12.13			
21 gamma-Chlordane									
1	100	5.946	5.952	-0.006	99350108	0.0859			
2	100	6.896	6.900	-0.004	94185455	0.1591			
						RPD = 59.71			
6 alpha-Chlordane									
1	100	6.063	6.070	-0.007	98387592	0.0855			
2	100	6.948	6.953	-0.005	61783954	0.0974			
						RPD = 13.07			
14 Endosulfan I									
1	100	6.113	6.119	-0.006	76036714	0.0713			
2	100	6.982	6.986	-0.004	46227159	0.0851			
						RPD = 17.74			
2 4,4'-DDE									
1	100	6.339	6.344	-0.005	102627828	0.0858			
2	100	7.138	7.144	-0.006	68674336	0.0929			
						RPD = 7.89			
13 Dieldrin									
1	100	6.446	6.453	-0.007	103861869	0.0907			
2	100	7.261	7.265	-0.004	47604861	0.0820			
						RPD = 10.08			
17 Endrin									
1	100	6.791	6.799	-0.008	87844195	0.0868			
2	100	7.496	7.501	-0.005	49817921	0.0959			
						RPD = 9.94			
1 4,4'-DDD									
1	100	6.981	6.987	-0.006	81454574	0.0917			
2	100	7.676	7.682	-0.006	41649669	0.0972			
						RPD = 5.81			
15 Endosulfan II									
1	100	7.090	7.095	-0.005	77432375	0.0792			
2	100	7.776	7.780	-0.004	40914913	0.0837			
						RPD = 5.42			
3 4,4'-DDT									
1	100	7.269	7.274	-0.005	68774849	0.0910			
2	100	7.982	7.988	-0.006	32709870	0.0958			
						RPD = 5.15			
18 Endrin aldehyde									
1	100	7.338	7.343	-0.005	67244681	0.0821			
2	100	7.886	7.892	-0.006	35425644	0.0888			
						RPD = 7.85			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100	7.548	7.554	-0.006	80739987	0.0917			
2	100	8.171	8.177	-0.006	40866186	0.0958			
						RPD = 4.35			
27 Methoxychlor									
1	100	7.982	7.988	-0.006	31042054	0.0795			
2	100	8.422	8.429	-0.007	14942543	0.0869			
						RPD = 8.92			
19 Endrin ketone									
1	100	8.131	8.137	-0.006	80197258	0.0781			
2	100	8.567	8.573	-0.006	40064251	0.0856			
						RPD = 9.15			
$ 10 DCB Decachlorobiphenyl									
1	100	9.275	9.282	-0.007	16067764	0.0162			
2	100	10.389	10.399	-0.010	10077196	0.0173			
						RPD = 6.77			

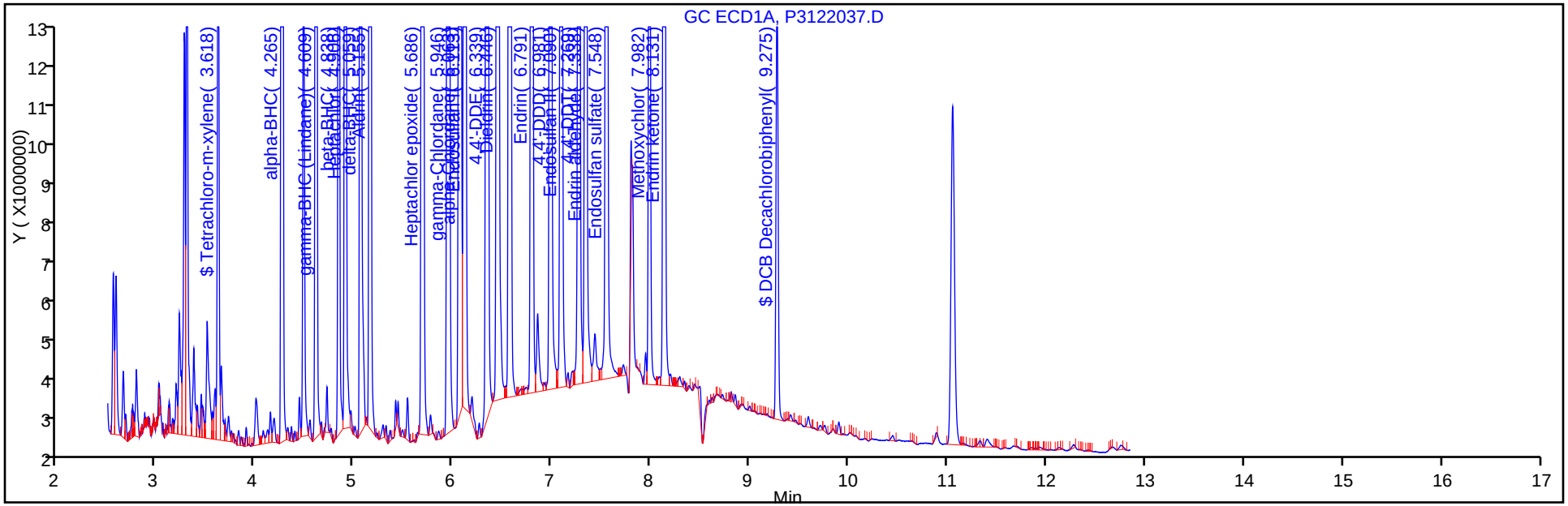
Report Date: 21-Dec-2012 09:49:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

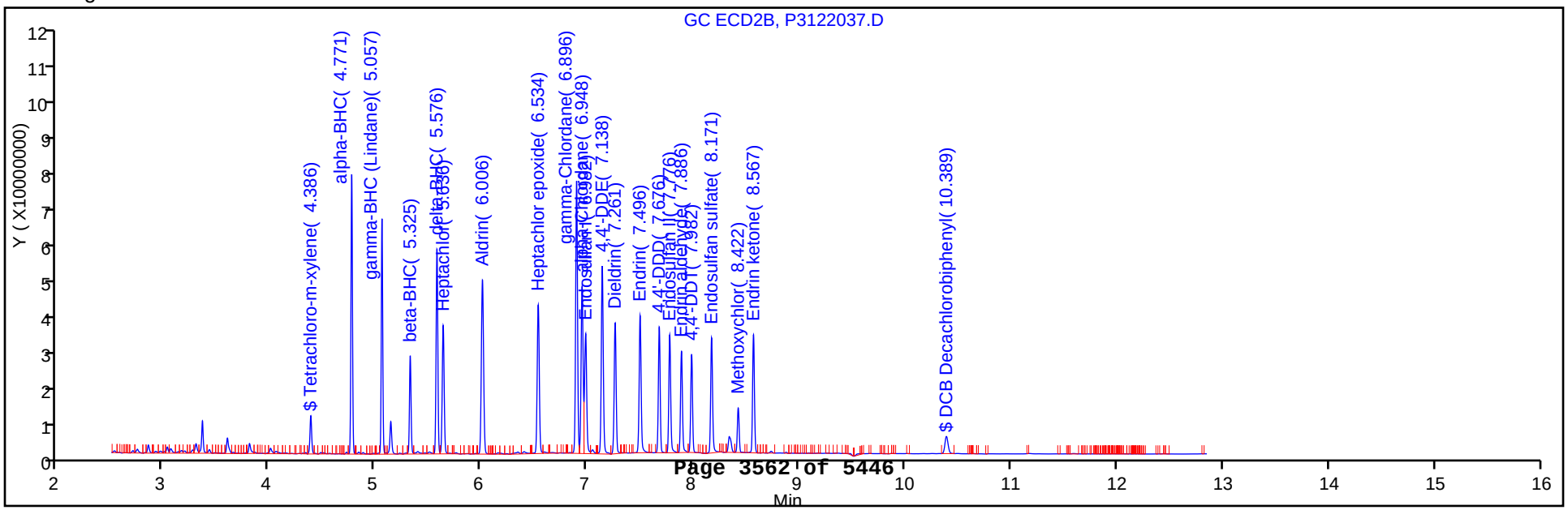
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122037.D

Injection Date:	20-Dec-2012 19:39:40	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	37
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO MSD | Lab Sample ID: 240-18544-16 MSD

Matrix: Solid | Lab File ID: P3122038.D

Analysis Method: 8081/DOD | Date Collected: 12/06/2012 14:33

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:19

Sample wt/vol: 30.16(g) | Date Analyzed: 12/20/2012 20:00

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

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

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

Analysis Batch No.: 69512 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	31.1		2.0	0.67	0.62
72-55-9	4,4'-DDE	28.7		1.7	0.67	0.39
50-29-3	4,4'-DDT	32.6		2.0	0.67	0.63
309-00-2	Aldrin	30.6		4.0	1.3	1.2
319-84-6	alpha-BHC	31.1		2.5	1.3	0.73
5103-71-9	alpha-Chlordane	28.9		3.0	1.3	0.94
319-85-7	beta-BHC	29.2		3.5	1.3	1.1
319-86-8	delta-BHC	31.2		4.0	1.3	1.2
60-57-1	Dieldrin	31.3		1.7	0.67	0.47
959-98-8	Endosulfan I	24.7		1.7	0.67	0.52
33213-65-9	Endosulfan II	26.3		2.5	1.3	0.82
1031-07-8	Endosulfan sulfate	30.8		3.0	1.3	0.87
72-20-8	Endrin	29.8		1.7	0.67	0.50
7421-93-4	Endrin aldehyde	27.3		3.0	1.3	0.99
53494-70-5	Endrin ketone	27.6		2.0	0.67	0.63
58-89-9	gamma-BHC (Lindane)	30.3		2.5	1.3	0.74
5103-74-2	gamma-Chlordane	28.7		1.7	0.67	0.42
76-44-8	Heptachlor	28.5		3.5	1.3	1.1
1024-57-3	Heptachlor epoxide	29.9		2.5	1.3	0.80
72-43-5	Methoxychlor	29.8		5.0	3.3	1.5
8001-35-2	Toxaphene	20	U	67	20	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		55-130
877-09-8	Tetrachloro-m-xylene	82		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122038.D
Lims ID: 240-18544-E-16-H MSD Client ID:
Inject. Date: 20-Dec-2012 20:00:42 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0016042-038
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 38
Lims Batch ID: 69512 Lims Sample ID: 38
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:36 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 09:28:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.617	3.621	-0.004	17793859	0.0164			
2	100	4.384	4.388	-0.004	11684653	0.0162			
						RPD = 1.10			
5 alpha-BHC									
1	100	4.263	4.268	-0.005	130371804	0.0937			
2	100	4.771	4.774	-0.003	75437965	0.0994			
						RPD = 5.88			
20 gamma-BHC (Lindane)									
1	100	4.608	4.612	-0.004	108868017	0.0913			
2	100	5.056	5.061	-0.005	61319552	0.0981			
						RPD = 7.21			
7 beta-BHC									
1	100	4.837	4.842	-0.005	48741057	0.0882			
2	100	5.324	5.329	-0.005	28324422	0.0963			
						RPD = 8.80			
22 Heptachlor									
1	100	4.904	4.909	-0.005	96487131	0.0860			
2	100	5.634	5.640	-0.006	46854188	0.0883			
						RPD = 2.55			
11 delta-BHC									
1	100	5.057	5.063	-0.006	113331929	0.0940			
2	100	5.576	5.581	-0.005	64073302	0.1041			
						RPD = 10.16			
4 Aldrin									
1	100	5.154	5.159	-0.005	114027409	0.0922			
2	100	6.006	6.014	-0.008	68018034	0.0980			
						RPD = 6.10			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.685	5.691	-0.006	96517738	0.0901			
2	100	6.532	6.539	-0.007	54986789	0.0975			
						RPD = 7.90			
21 gamma-Chlordane									
1	100	5.946	5.952	-0.006	100110997	0.0866			
2	100	6.894	6.900	-0.006	110332037	0.1863			
						RPD = 73.10			
6 alpha-Chlordane									
1	100	6.063	6.070	-0.007	100350468	0.0872			
2	100	6.946	6.953	-0.007	58804067	0.0927			
						RPD = 6.17			
14 Endosulfan I									
1	100	6.113	6.119	-0.006	79559287	0.0746			
2	100	6.980	6.986	-0.006	45269100	0.0834			
						RPD = 11.15			
2 4,4'-DDE									
1	100	6.338	6.344	-0.006	103647727	0.0867			
2	100	7.136	7.144	-0.008	66460391	0.0899			
						RPD = 3.63			
13 Dieldrin									
1	100	6.446	6.453	-0.007	107937422	0.0943			
2	100	7.258	7.265	-0.007	47151599	0.0812			
						RPD = 14.86			
17 Endrin									
1	100	6.790	6.799	-0.009	91072246	0.0900			
2	100	7.494	7.501	-0.007	57505256	0.1107			
						RPD = 20.61			
1 4,4'-DDD									
1	100	6.981	6.987	-0.006	83367201	0.0939			
2	100	7.675	7.682	-0.007	43640603	0.1019			
						RPD = 8.15			
15 Endosulfan II									
1	100	7.089	7.095	-0.006	77536961	0.0794			
2	100	7.774	7.780	-0.006	42353848	0.0866			
						RPD = 8.74			
3 4,4'-DDT									
1	100	7.268	7.274	-0.006	74356373	0.0984			
2	100	7.981	7.988	-0.007	36703206	0.1075			
						RPD = 8.87			
18 Endrin aldehyde									
1	100	7.336	7.343	-0.007	67490779	0.0824			
2	100	7.885	7.892	-0.007	37124877	0.0931			
						RPD = 12.16			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100	7.547	7.554	-0.007	81873819	0.0930			
2	100	8.170	8.177	-0.007	41798250	0.0980			
						RPD = 5.21			
27 Methoxychlor									
1	100	7.981	7.988	-0.007	35163060	0.0900			
2	100	8.422	8.429	-0.007	16806773	0.0977			
						RPD = 8.21			
19 Endrin ketone									
1	100	8.130	8.137	-0.007	85404521	0.0832			
2	100	8.566	8.573	-0.007	42290239	0.0904			
						RPD = 8.27			
$ 10 DCB Decachlorobiphenyl									
1	100	9.274	9.282	-0.008	16174451	0.0163			
2	100	10.387	10.399	-0.012	9950525	0.0171			
						RPD = 4.84			

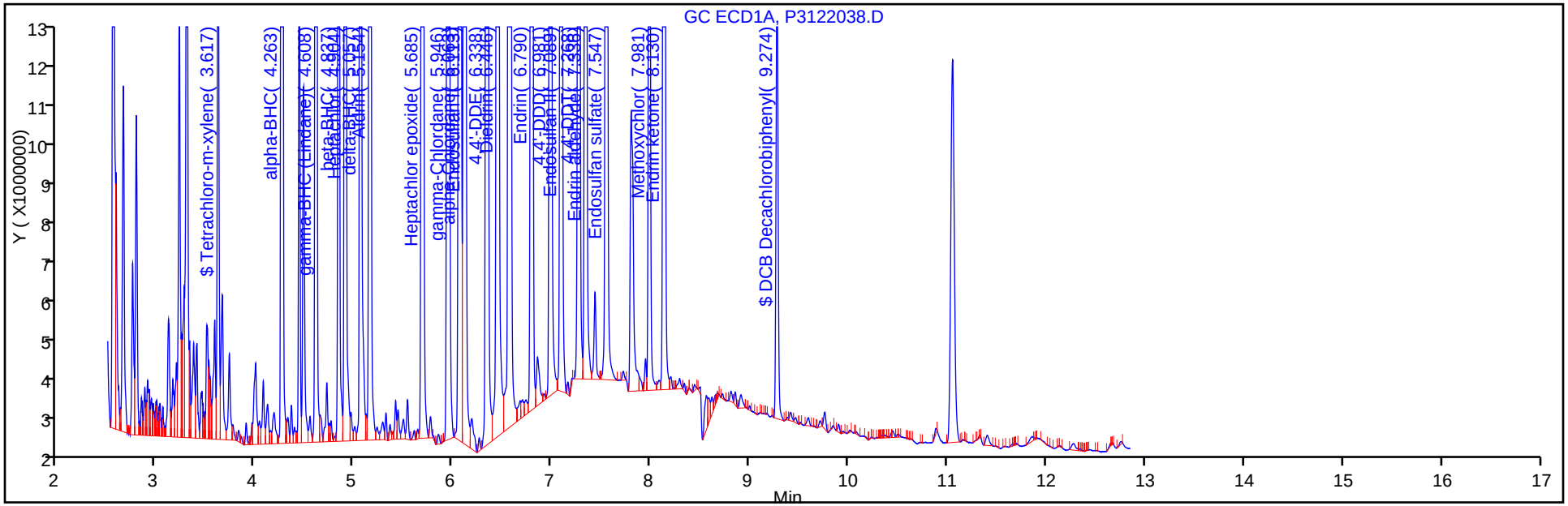
Report Date: 21-Dec-2012 09:49:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

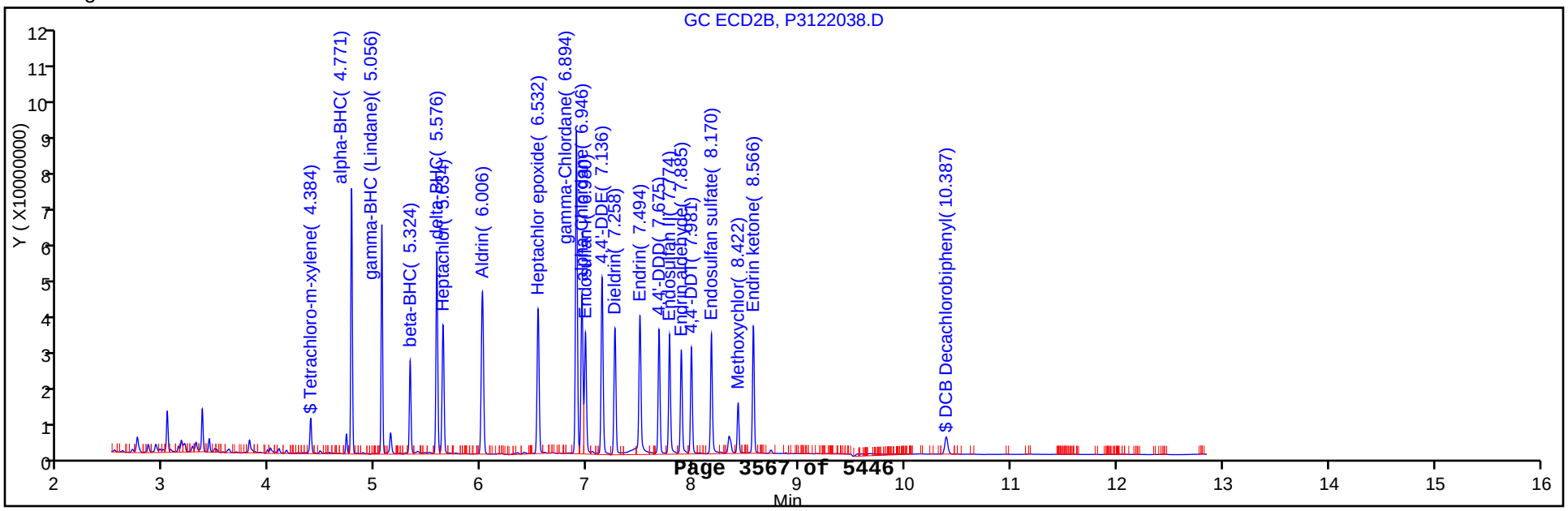
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Injection Date:	20-Dec-2012 20:00:42	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	38
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0098-0001-SO MSD Lab Sample ID: 240-18544-16 MSD

Matrix: Solid Lab File ID: P3122038.D

Analysis Method: 8081/DOD Date Collected: 12/06/2012 14:33

Extraction Method: 3540C Date Extracted: 12/18/2012 10:19

Sample wt/vol: 30.16(g) Date Analyzed: 12/20/2012 20:00

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

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

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

Analysis Batch No.: 69512 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		55-130
877-09-8	Tetrachloro-m-xylene	81		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122038.D
Lims ID: 240-18544-E-16-H MSD Client ID:
Inject. Date: 20-Dec-2012 20:00:42 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0016042-038
Misc. Info.:
Operator: 093905 Instrument ID: A2HP3
Injection Vol: 1.0 ul ALS Bottle#: 38
Lims Batch ID: 69512 Lims Sample ID: 38
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP3\20121220-16042.b\PEST3.m
Last Update: 21-Dec-2012 09:49:36 Calib Date: 20-Dec-2012 12:14:40
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122016.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK011

First Level Reviewer: vandorenc Date: 21-Dec-2012 09:28:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.617	3.621	-0.004	17793859	0.0164			
2	100	4.384	4.388	-0.004	11684653	0.0162			
						RPD = 1.10			
5 alpha-BHC									
1	100	4.263	4.268	-0.005	130371804	0.0937			
2	100	4.771	4.774	-0.003	75437965	0.0994			
						RPD = 5.88			
20 gamma-BHC (Lindane)									
1	100	4.608	4.612	-0.004	108868017	0.0913			
2	100	5.056	5.061	-0.005	61319552	0.0981			
						RPD = 7.21			
7 beta-BHC									
1	100	4.837	4.842	-0.005	48741057	0.0882			
2	100	5.324	5.329	-0.005	28324422	0.0963			
						RPD = 8.80			
22 Heptachlor									
1	100	4.904	4.909	-0.005	96487131	0.0860			
2	100	5.634	5.640	-0.006	46854188	0.0883			
						RPD = 2.55			
11 delta-BHC									
1	100	5.057	5.063	-0.006	113331929	0.0940			
2	100	5.576	5.581	-0.005	64073302	0.1041			
						RPD = 10.16			
4 Aldrin									
1	100	5.154	5.159	-0.005	114027409	0.0922			
2	100	6.006	6.014	-0.008	68018034	0.0980			
						RPD = 6.10			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	5.685	5.691	-0.006	96517738	0.0901			
2	100	6.532	6.539	-0.007	54986789	0.0975			
						RPD = 7.90			
21 gamma-Chlordane									
1	100	5.946	5.952	-0.006	100110997	0.0866			
2	100	6.894	6.900	-0.006	110332037	0.1863			
						RPD = 73.10			
6 alpha-Chlordane									
1	100	6.063	6.070	-0.007	100350468	0.0872			
2	100	6.946	6.953	-0.007	58804067	0.0927			
						RPD = 6.17			
14 Endosulfan I									
1	100	6.113	6.119	-0.006	79559287	0.0746			
2	100	6.980	6.986	-0.006	45269100	0.0834			
						RPD = 11.15			
2 4,4'-DDE									
1	100	6.338	6.344	-0.006	103647727	0.0867			
2	100	7.136	7.144	-0.008	66460391	0.0899			
						RPD = 3.63			
13 Dieldrin									
1	100	6.446	6.453	-0.007	107937422	0.0943			
2	100	7.258	7.265	-0.007	47151599	0.0812			
						RPD = 14.86			
17 Endrin									
1	100	6.790	6.799	-0.009	91072246	0.0900			
2	100	7.494	7.501	-0.007	57505256	0.1107			
						RPD = 20.61			
1 4,4'-DDD									
1	100	6.981	6.987	-0.006	83367201	0.0939			
2	100	7.675	7.682	-0.007	43640603	0.1019			
						RPD = 8.15			
15 Endosulfan II									
1	100	7.089	7.095	-0.006	77536961	0.0794			
2	100	7.774	7.780	-0.006	42353848	0.0866			
						RPD = 8.74			
3 4,4'-DDT									
1	100	7.268	7.274	-0.006	74356373	0.0984			
2	100	7.981	7.988	-0.007	36703206	0.1075			
						RPD = 8.87			
18 Endrin aldehyde									
1	100	7.336	7.343	-0.007	67490779	0.0824			
2	100	7.885	7.892	-0.007	37124877	0.0931			
						RPD = 12.16			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	1		7.355						
1	2		7.424						
1	3		7.821						
1	4		7.942						
1	5		8.278						
2	100		7.496						
2	2		7.818						
2	3		8.093						
2	4		8.487						
2	5		8.970						
16 Endosulfan sulfate									
1	100	7.547	7.554	-0.007	81873819	0.0930			
2	100	8.170	8.177	-0.007	41798250	0.0980			
						RPD = 5.21			
27 Methoxychlor									
1	100	7.981	7.988	-0.007	35163060	0.0900			
2	100	8.422	8.429	-0.007	16806773	0.0977			
						RPD = 8.21			
19 Endrin ketone									
1	100	8.130	8.137	-0.007	85404521	0.0832			
2	100	8.566	8.573	-0.007	42290239	0.0904			
						RPD = 8.27			
$ 10 DCB Decachlorobiphenyl									
1	100	9.274	9.282	-0.008	16174451	0.0163			
2	100	10.387	10.399	-0.012	9950525	0.0171			
						RPD = 4.84			

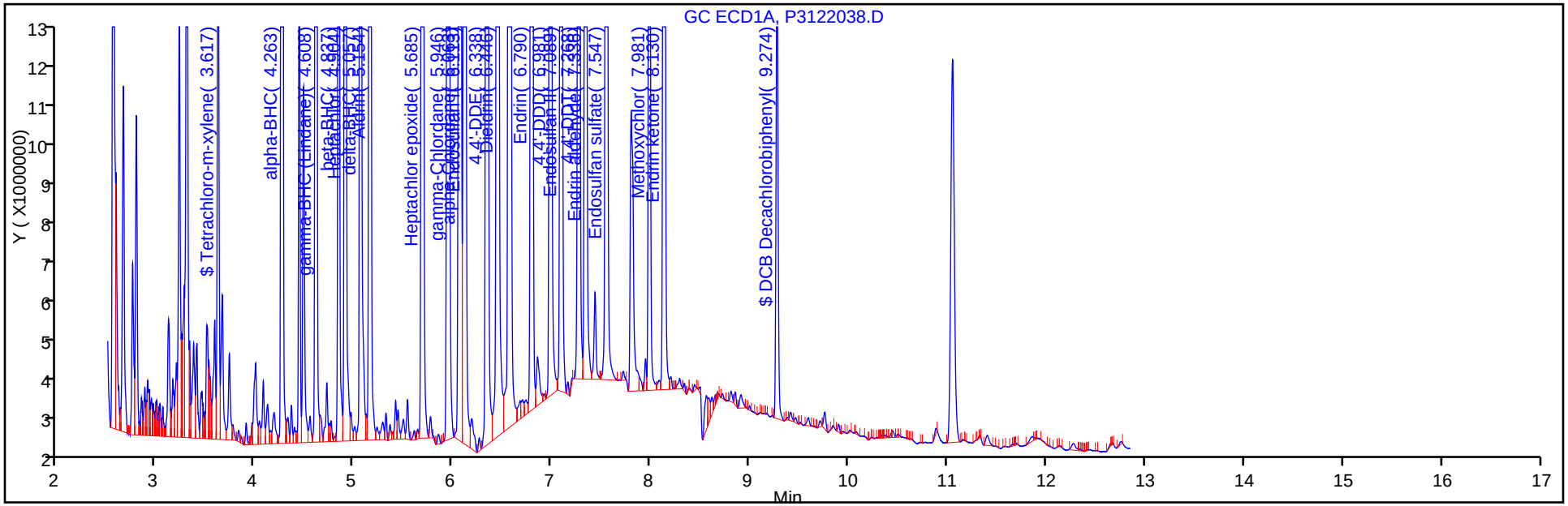
Report Date: 21-Dec-2012 09:49:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

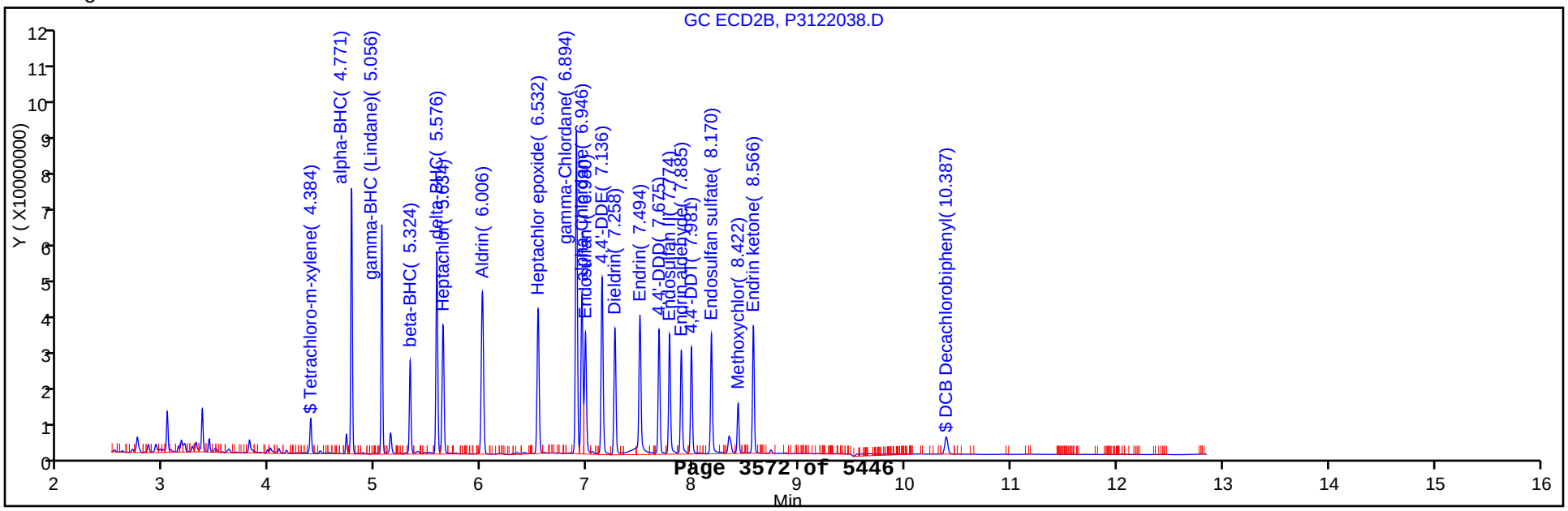
Data File: \\NCChrom\ChromData\A2HP3\20121220-16042.b\P3122038.D

Injection Date:	20-Dec-2012 20:00:42	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP3
Lims Batch ID:	69512	Lims Sample ID:	38
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



GC SEMI VOA ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP3 Start Date: 12/04/2012 08:39

Analysis Batch Number: 67186 End Date: 12/04/2012 17:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-67186/6		12/04/2012 08:39	1		CLP-1 0.53(mm)
PEM 240-67186/6		12/04/2012 08:39	1		CLP-2 0.53(mm)
STD 240-67186/7 IC		12/04/2012 09:00	1		CLP-1 0.53(mm)
STD 240-67186/7 IC		12/04/2012 09:00	1		CLP-2 0.53(mm)
STD 240-67186/8 IC		12/04/2012 09:21	1		CLP-1 0.53(mm)
STD 240-67186/8 IC		12/04/2012 09:21	1		CLP-2 0.53(mm)
STD 240-67186/9 ICRT		12/04/2012 09:42	1		CLP-1 0.53(mm)
STD 240-67186/9 ICRT		12/04/2012 09:42	1		CLP-2 0.53(mm)
STD 240-67186/10 IC		12/04/2012 10:04	1		CLP-1 0.53(mm)
STD 240-67186/10 IC		12/04/2012 10:04	1		CLP-2 0.53(mm)
STD 240-67186/11 IC		12/04/2012 10:25	1		CLP-1 0.53(mm)
STD 240-67186/11 IC		12/04/2012 10:25	1		CLP-2 0.53(mm)
STD 240-67186/12 IC		12/04/2012 10:46	1		CLP-1 0.53(mm)
STD 240-67186/12 IC		12/04/2012 10:46	1		CLP-2 0.53(mm)
ICV 240-67186/13		12/04/2012 11:08	1		CLP-1 0.53(mm)
ICV 240-67186/13		12/04/2012 11:08	1		CLP-2 0.53(mm)
STD 240-67186/14 IC		12/04/2012 11:30	1		CLP-1 0.53(mm)
STD 240-67186/14 IC		12/04/2012 11:30	1		CLP-2 0.53(mm)
STD 240-67186/15 IC		12/04/2012 11:51	1		CLP-1 0.53(mm)
STD 240-67186/15 IC		12/04/2012 11:51	1		CLP-2 0.53(mm)
STD 240-67186/16 IC		12/04/2012 12:13	1		CLP-1 0.53(mm)
STD 240-67186/16 IC		12/04/2012 12:13	1		CLP-2 0.53(mm)
STD 240-67186/17 IC		12/04/2012 12:34	1		CLP-1 0.53(mm)
STD 240-67186/17 IC		12/04/2012 12:34	1		CLP-2 0.53(mm)
STD 240-67186/18 IC		12/04/2012 13:01	1		CLP-1 0.53(mm)
STD 240-67186/18 IC		12/04/2012 13:01	1		CLP-2 0.53(mm)
ICV 240-67186/19		12/04/2012 13:22	1		CLP-1 0.53(mm)
ICV 240-67186/19		12/04/2012 13:22	1		CLP-2 0.53(mm)
STD 240-67186/20 IC		12/04/2012 13:49	1	P3120420.D	CLP-1 0.53(mm)
STD 240-67186/20 IC		12/04/2012 13:49	1	P3120420.D	CLP-2 0.53(mm)
STD 240-67186/21 IC		12/04/2012 14:11	1	P3120421.D	CLP-1 0.53(mm)
STD 240-67186/21 IC		12/04/2012 14:11	1	P3120421.D	CLP-2 0.53(mm)
STD 240-67186/22 IC		12/04/2012 14:32	1	P3120422.D	CLP-1 0.53(mm)
STD 240-67186/22 IC		12/04/2012 14:32	1	P3120422.D	CLP-2 0.53(mm)
STD 240-67186/23 IC		12/04/2012 14:55	1	P3120423.D	CLP-1 0.53(mm)
STD 240-67186/23 IC		12/04/2012 14:55	1	P3120423.D	CLP-2 0.53(mm)
STD 240-67186/24 IC		12/04/2012 15:17	1	P3120424.D	CLP-1 0.53(mm)
STD 240-67186/24 IC		12/04/2012 15:17	1	P3120424.D	CLP-2 0.53(mm)
ICV 240-67186/25		12/04/2012 15:38	1		CLP-1 0.53(mm)
ICV 240-67186/25		12/04/2012 15:38	1		CLP-2 0.53(mm)
CCV 240-67186/28		12/04/2012 16:45	1		CLP-1 0.53(mm)
CCV 240-67186/28		12/04/2012 16:45	1		CLP-2 0.53(mm)
CCV 240-67186/29		12/04/2012 17:07	1		CLP-1 0.53(mm)
CCV 240-67186/29		12/04/2012 17:07	1		CLP-2 0.53(mm)
CCV 240-67186/30		12/04/2012 17:29	1		CLP-1 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP3 Start Date: 12/04/2012 08:39

Analysis Batch Number: 67186 End Date: 12/04/2012 17:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-67186/30		12/04/2012 17:29	1		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP3 Start Date: 12/20/2012 08:04

Analysis Batch Number: 69512 End Date: 12/20/2012 21:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-69512/4		12/20/2012 08:04	1	P3122004.D	CLP-1 0.53(mm)
PEM 240-69512/4		12/20/2012 08:04	1	P3122004.D	CLP-2 0.53(mm)
STD 240-69512/5 IC		12/20/2012 08:24	1	P3122005.D	CLP-1 0.53(mm)
STD 240-69512/5 IC		12/20/2012 08:24	1	P3122005.D	CLP-2 0.53(mm)
STD 240-69512/6 IC		12/20/2012 08:45	1	P3122006.D	CLP-1 0.53(mm)
STD 240-69512/6 IC		12/20/2012 08:45	1	P3122006.D	CLP-2 0.53(mm)
STD 240-69512/7 ICRT		12/20/2012 09:05	1	P3122007.D	CLP-1 0.53(mm)
STD 240-69512/7 ICRT		12/20/2012 09:05	1	P3122007.D	CLP-2 0.53(mm)
STD 240-69512/8 IC		12/20/2012 09:27	1	P3122008.D	CLP-1 0.53(mm)
STD 240-69512/8 IC		12/20/2012 09:27	1	P3122008.D	CLP-2 0.53(mm)
STD 240-69512/9 IC		12/20/2012 09:47	1	P3122009.D	CLP-1 0.53(mm)
STD 240-69512/9 IC		12/20/2012 09:47	1	P3122009.D	CLP-2 0.53(mm)
STD 240-69512/10 IC		12/20/2012 10:09	1	P3122010.D	CLP-1 0.53(mm)
STD 240-69512/10 IC		12/20/2012 10:09	1	P3122010.D	CLP-2 0.53(mm)
ICV 240-69512/11		12/20/2012 10:29	1	P3122011.D	CLP-1 0.53(mm)
ICV 240-69512/11		12/20/2012 10:29	1	P3122011.D	CLP-2 0.53(mm)
STD 240-69512/12 IC		12/20/2012 10:50	1	P3122012.D	CLP-1 0.53(mm)
STD 240-69512/12 IC		12/20/2012 10:50	1	P3122012.D	CLP-2 0.53(mm)
STD 240-69512/13 IC		12/20/2012 11:11	1	P3122013.D	CLP-1 0.53(mm)
STD 240-69512/13 IC		12/20/2012 11:11	1	P3122013.D	CLP-2 0.53(mm)
STD 240-69512/14 IC		12/20/2012 11:32	1	P3122014.D	CLP-1 0.53(mm)
STD 240-69512/14 IC		12/20/2012 11:32	1	P3122014.D	CLP-2 0.53(mm)
STD 240-69512/15 IC		12/20/2012 11:53	1	P3122015.D	CLP-1 0.53(mm)
STD 240-69512/15 IC		12/20/2012 11:53	1	P3122015.D	CLP-2 0.53(mm)
STD 240-69512/16 IC		12/20/2012 12:14	1	P3122016.D	CLP-1 0.53(mm)
STD 240-69512/16 IC		12/20/2012 12:14	1	P3122016.D	CLP-2 0.53(mm)
ICV 240-69512/17		12/20/2012 12:35	1	P3122017.D	CLP-1 0.53(mm)
ICV 240-69512/17		12/20/2012 12:35	1	P3122017.D	CLP-2 0.53(mm)
CCV 240-69512/20		12/20/2012 13:40	1	P3122020.D	CLP-1 0.53(mm)
CCV 240-69512/20		12/20/2012 13:40	1	P3122020.D	CLP-2 0.53(mm)
PEM 240-69512/24		12/20/2012 15:04	1	P3122024.D	CLP-1 0.53(mm)
PEM 240-69512/24		12/20/2012 15:04	1	P3122024.D	CLP-2 0.53(mm)
MRL 240-69512/25		12/20/2012 15:25	1	P3122025.D	CLP-1 0.53(mm)
MRL 240-69512/25		12/20/2012 15:25	1	P3122025.D	CLP-2 0.53(mm)
LCS 240-69197/11-A		12/20/2012 15:46	1	P3122026.D	CLP-1 0.53(mm)
LCS 240-69197/11-A		12/20/2012 15:46	1	P3122026.D	CLP-2 0.53(mm)
240-18544-16	076SB-0098-0001-SO	12/20/2012 16:08	1	P3122027.D	CLP-1 0.53(mm)
240-18544-16	076SB-0098-0001-SO	12/20/2012 16:08	1	P3122027.D	CLP-2 0.53(mm)
240-18544-20	076SB-0101M-0001-SO	12/20/2012 16:28	1	P3122028.D	CLP-1 0.53(mm)
240-18544-20	076SB-0101M-0001-SO	12/20/2012 16:28	1	P3122028.D	CLP-2 0.53(mm)
240-18544-27	076SB-0108M-0001-SO	12/20/2012 16:50	1	P3122029.D	CLP-1 0.53(mm)
240-18544-27	076SB-0108M-0001-SO	12/20/2012 16:50	1	P3122029.D	CLP-2 0.53(mm)
240-18544-28	076SB-0109M-0001-SO	12/20/2012 17:11	1	P3122030.D	CLP-1 0.53(mm)
240-18544-28	076SB-0109M-0001-SO	12/20/2012 17:11	1	P3122030.D	CLP-2 0.53(mm)
ZZZZZ		12/20/2012 17:32	1		CLP-1 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP3 Start Date: 12/20/2012 08:04

Analysis Batch Number: 69512 End Date: 12/20/2012 21:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		12/20/2012 17:32	1		CLP-2 0.53(mm)
240-18544-31	076SB-0112M-0001-SO	12/20/2012 17:52	10	P3122032.D	CLP-1 0.53(mm)
240-18544-31	076SB-0112M-0001-SO	12/20/2012 17:52	10	P3122032.D	CLP-2 0.53(mm)
ZZZZZ		12/20/2012 18:14	20		CLP-1 0.53(mm)
ZZZZZ		12/20/2012 18:14	20		CLP-2 0.53(mm)
240-18544-33	076SB-0114M-0001-SO	12/20/2012 18:35	1	P3122034.D	CLP-1 0.53(mm)
240-18544-33	076SB-0114M-0001-SO	12/20/2012 18:35	1	P3122034.D	CLP-2 0.53(mm)
MB 240-69197/10-A		12/20/2012 18:57	1	P3122035.D	CLP-1 0.53(mm)
MB 240-69197/10-A		12/20/2012 18:57	1	P3122035.D	CLP-2 0.53(mm)
CCV 240-69512/36		12/20/2012 19:18	1	P3122036.D	CLP-1 0.53(mm)
CCV 240-69512/36		12/20/2012 19:18	1	P3122036.D	CLP-2 0.53(mm)
240-18544-16 MS	076SB-0098-0001-SO MS	12/20/2012 19:39	1	P3122037.D	CLP-1 0.53(mm)
240-18544-16 MS	076SB-0098-0001-SO MS	12/20/2012 19:39	1	P3122037.D	CLP-2 0.53(mm)
240-18544-16 MSD	076SB-0098-0001-SO MSD	12/20/2012 20:00	1	P3122038.D	CLP-1 0.53(mm)
240-18544-16 MSD	076SB-0098-0001-SO MSD	12/20/2012 20:00	1	P3122038.D	CLP-2 0.53(mm)
CCV 240-69512/39		12/20/2012 20:21	1	P3122039.D	CLP-1 0.53(mm)
CCV 240-69512/39		12/20/2012 20:21	1	P3122039.D	CLP-2 0.53(mm)
CCV 240-69512/40		12/20/2012 20:42	1	P3122040.D	CLP-1 0.53(mm)
CCV 240-69512/40		12/20/2012 20:42	1	P3122040.D	CLP-2 0.53(mm)
MRL 240-69512/41		12/20/2012 21:03	1	P3122041.D	CLP-1 0.53(mm)
MRL 240-69512/41		12/20/2012 21:03	1	P3122041.D	CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP9 Start Date: 12/06/2012 10:20

Analysis Batch Number: 67554 End Date: 12/06/2012 23:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-67554/4		12/06/2012 10:20	1	P9120604.D	CLP-1 0.53(mm)
PEM 240-67554/4		12/06/2012 10:20	1	P9120604.D	CLP-2 0.53(mm)
STD 240-67554/5 IC		12/06/2012 10:48	1	P9120605.D	CLP-1 0.53(mm)
STD 240-67554/5 IC		12/06/2012 10:48	1	P9120605.D	CLP-2 0.53(mm)
STD 240-67554/6 IC		12/06/2012 11:16	1	P9120606.D	CLP-1 0.53(mm)
STD 240-67554/6 IC		12/06/2012 11:16	1	P9120606.D	CLP-2 0.53(mm)
STD 240-67554/7 ICRT		12/06/2012 11:44	1	P9120607.D	CLP-1 0.53(mm)
STD 240-67554/7 ICRT		12/06/2012 11:44	1	P9120607.D	CLP-2 0.53(mm)
STD 240-67554/8 IC		12/06/2012 12:12	1	P9120608.D	CLP-1 0.53(mm)
STD 240-67554/8 IC		12/06/2012 12:12	1	P9120608.D	CLP-2 0.53(mm)
STD 240-67554/9 IC		12/06/2012 12:40	1	P9120609.D	CLP-1 0.53(mm)
STD 240-67554/9 IC		12/06/2012 12:40	1	P9120609.D	CLP-2 0.53(mm)
STD 240-67554/10 IC		12/06/2012 13:08	1	P9120610.D	CLP-1 0.53(mm)
STD 240-67554/10 IC		12/06/2012 13:08	1	P9120610.D	CLP-2 0.53(mm)
ICV 240-67554/11		12/06/2012 13:33	1	P9120611.D	CLP-1 0.53(mm)
ICV 240-67554/11		12/06/2012 13:33	1	P9120611.D	CLP-2 0.53(mm)
STD 240-67554/12 IC		12/06/2012 13:58	1	P9120612.D	CLP-1 0.53(mm)
STD 240-67554/12 IC		12/06/2012 13:58	1	P9120612.D	CLP-2 0.53(mm)
STD 240-67554/13 IC		12/06/2012 14:24	1	P9120613.D	CLP-1 0.53(mm)
STD 240-67554/13 IC		12/06/2012 14:24	1	P9120613.D	CLP-2 0.53(mm)
STD 240-67554/14 IC		12/06/2012 14:52	1	P9120614.D	CLP-1 0.53(mm)
STD 240-67554/14 IC		12/06/2012 14:52	1	P9120614.D	CLP-2 0.53(mm)
STD 240-67554/15 IC		12/06/2012 15:20	1	P9120615.D	CLP-1 0.53(mm)
STD 240-67554/15 IC		12/06/2012 15:20	1	P9120615.D	CLP-2 0.53(mm)
STD 240-67554/16 IC		12/06/2012 15:48	1	P9120616.D	CLP-1 0.53(mm)
STD 240-67554/16 IC		12/06/2012 15:48	1	P9120616.D	CLP-2 0.53(mm)
ICV 240-67554/17		12/06/2012 16:16	1	P9120617.D	CLP-1 0.53(mm)
ICV 240-67554/17		12/06/2012 16:16	1	P9120617.D	CLP-2 0.53(mm)
STD 240-67554/18 IC		12/06/2012 16:43	1		CLP-1 0.53(mm)
STD 240-67554/18 IC		12/06/2012 16:43	1		CLP-2 0.53(mm)
STD 240-67554/19 IC		12/06/2012 17:11	1		CLP-1 0.53(mm)
STD 240-67554/19 IC		12/06/2012 17:11	1		CLP-2 0.53(mm)
STD 240-67554/20 IC		12/06/2012 17:39	1		CLP-1 0.53(mm)
STD 240-67554/20 IC		12/06/2012 17:39	1		CLP-2 0.53(mm)
STD 240-67554/21 IC		12/06/2012 18:08	1		CLP-1 0.53(mm)
STD 240-67554/21 IC		12/06/2012 18:08	1		CLP-2 0.53(mm)
STD 240-67554/22 IC		12/06/2012 18:34	1		CLP-1 0.53(mm)
STD 240-67554/22 IC		12/06/2012 18:34	1		CLP-2 0.53(mm)
ICV 240-67554/23		12/06/2012 18:58	1		CLP-1 0.53(mm)
ICV 240-67554/23		12/06/2012 18:58	1		CLP-2 0.53(mm)
PEM 240-67554/34		12/06/2012 23:38	1		CLP-1 0.53(mm)
PEM 240-67554/34		12/06/2012 23:38	1		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP9 Start Date: 12/14/2012 02:36

Analysis Batch Number: 68628 End Date: 12/14/2012 09:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-68628/4		12/14/2012 02:36	1	P9121404.D	CLP-1 0.53(mm)
PEM 240-68628/4		12/14/2012 02:36	1	P9121404.D	CLP-2 0.53(mm)
CCV 240-68628/5		12/14/2012 03:03	1	P9121405.D	CLP-1 0.53(mm)
CCV 240-68628/5		12/14/2012 03:03	1	P9121405.D	CLP-2 0.53(mm)
CCV 240-68628/6 CCVRT		12/14/2012 03:31	1	P9121406.D	CLP-1 0.53(mm)
CCV 240-68628/6 CCVRT		12/14/2012 03:31	1	P9121406.D	CLP-2 0.53(mm)
MRL 240-68628/7		12/14/2012 03:59	1	P9121407.D	CLP-1 0.53(mm)
MRL 240-68628/7		12/14/2012 03:59	1	P9121407.D	CLP-2 0.53(mm)
LCS 240-68407/9-A		12/14/2012 04:26	1	P9121408.D	CLP-1 0.53(mm)
LCS 240-68407/9-A		12/14/2012 04:26	1	P9121408.D	CLP-2 0.53(mm)
ZZZZZ		12/14/2012 04:54	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 04:54	1		CLP-2 0.53(mm)
ZZZZZ		12/14/2012 05:22	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 05:22	1		CLP-2 0.53(mm)
ZZZZZ		12/14/2012 05:49	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 05:49	1		CLP-2 0.53(mm)
ZZZZZ		12/14/2012 06:16	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 06:16	1		CLP-2 0.53(mm)
ZZZZZ		12/14/2012 06:44	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 06:44	1		CLP-2 0.53(mm)
ZZZZZ		12/14/2012 07:12	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 07:12	1		CLP-2 0.53(mm)
ZZZZZ		12/14/2012 07:39	1		CLP-1 0.53(mm)
ZZZZZ		12/14/2012 07:39	1		CLP-2 0.53(mm)
240-18544-3	072SB-0065-0001-SO	12/14/2012 08:06	1	P9121416.D	CLP-1 0.53(mm)
240-18544-3	072SB-0065-0001-SO	12/14/2012 08:06	1	P9121416.D	CLP-2 0.53(mm)
MB 240-68407/10-A		12/14/2012 08:33	1	P9121417.D	CLP-1 0.53(mm)
MB 240-68407/10-A		12/14/2012 08:33	1	P9121417.D	CLP-2 0.53(mm)
CCV 240-68628/18		12/14/2012 09:00	1	P9121418.D	CLP-1 0.53(mm)
CCV 240-68628/18		12/14/2012 09:00	1	P9121418.D	CLP-2 0.53(mm)
CCV 240-68628/19		12/14/2012 09:28	1	P9121419.D	CLP-1 0.53(mm)
CCV 240-68628/19		12/14/2012 09:28	1	P9121419.D	CLP-2 0.53(mm)
MRL 240-68628/20		12/14/2012 09:55	1	P9121420.D	CLP-1 0.53(mm)
MRL 240-68628/20		12/14/2012 09:55	1	P9121420.D	CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP9 Start Date: 12/22/2012 12:44

Analysis Batch Number: 69893 End Date: 12/23/2012 13:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-69893/4		12/22/2012 12:44	1	P9122204.D	CLP-1 0.53(mm)
PEM 240-69893/4		12/22/2012 12:44	1	P9122204.D	CLP-2 0.53(mm)
STD 240-69893/5 IC		12/22/2012 13:11	1	P9122205.D	CLP-1 0.53(mm)
STD 240-69893/5 IC		12/22/2012 13:11	1	P9122205.D	CLP-2 0.53(mm)
STD 240-69893/6 IC		12/22/2012 13:36	1	P9122206.D	CLP-1 0.53(mm)
STD 240-69893/6 IC		12/22/2012 13:36	1	P9122206.D	CLP-2 0.53(mm)
STD 240-69893/7 ICRT		12/22/2012 14:00	1	P9122207.D	CLP-1 0.53(mm)
STD 240-69893/7 ICRT		12/22/2012 14:00	1	P9122207.D	CLP-2 0.53(mm)
STD 240-69893/8 IC		12/22/2012 14:25	1	P9122208.D	CLP-1 0.53(mm)
STD 240-69893/8 IC		12/22/2012 14:25	1	P9122208.D	CLP-2 0.53(mm)
STD 240-69893/9 IC		12/22/2012 14:49	1	P9122209.D	CLP-1 0.53(mm)
STD 240-69893/9 IC		12/22/2012 14:49	1	P9122209.D	CLP-2 0.53(mm)
STD 240-69893/10 IC		12/22/2012 15:13	1	P9122210.D	CLP-1 0.53(mm)
STD 240-69893/10 IC		12/22/2012 15:13	1	P9122210.D	CLP-2 0.53(mm)
ICV 240-69893/11		12/22/2012 15:37	1	P9122211.D	CLP-1 0.53(mm)
ICV 240-69893/11		12/22/2012 15:37	1	P9122211.D	CLP-2 0.53(mm)
STD 240-69893/12 IC		12/22/2012 16:01	1		CLP-1 0.53(mm)
STD 240-69893/12 IC		12/22/2012 16:01	1		CLP-2 0.53(mm)
STD 240-69893/13 IC		12/22/2012 16:25	1		CLP-1 0.53(mm)
STD 240-69893/13 IC		12/22/2012 16:25	1		CLP-2 0.53(mm)
STD 240-69893/14 ICRT		12/22/2012 16:49	1		CLP-1 0.53(mm)
STD 240-69893/14 ICRT		12/22/2012 16:49	1		CLP-2 0.53(mm)
STD 240-69893/15 IC		12/22/2012 17:14	1		CLP-1 0.53(mm)
STD 240-69893/15 IC		12/22/2012 17:14	1		CLP-2 0.53(mm)
STD 240-69893/16 IC		12/22/2012 17:38	1		CLP-1 0.53(mm)
STD 240-69893/16 IC		12/22/2012 17:38	1		CLP-2 0.53(mm)
ICV 240-69893/17		12/22/2012 18:02	1		CLP-1 0.53(mm)
ICV 240-69893/17		12/22/2012 18:02	1		CLP-2 0.53(mm)
CCV 240-69893/18		12/22/2012 18:27	1	P9122218.D	CLP-1 0.53(mm)
CCV 240-69893/18		12/22/2012 18:27	1	P9122218.D	CLP-2 0.53(mm)
MRL 240-69893/19		12/22/2012 18:51	1	P9122219.D	CLP-1 0.53(mm)
MRL 240-69893/19		12/22/2012 18:51	1	P9122219.D	CLP-2 0.53(mm)
ZZZZZ		12/22/2012 19:15	1		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 19:15	1		CLP-2 0.53(mm)
ZZZZZ		12/22/2012 19:40	50		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 19:40	50		CLP-2 0.53(mm)
ZZZZZ		12/22/2012 20:04	50		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 20:04	50		CLP-2 0.53(mm)
ZZZZZ		12/22/2012 20:28	50		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 20:28	50		CLP-2 0.53(mm)
ZZZZZ		12/22/2012 20:52	1		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 20:52	1		CLP-2 0.53(mm)
ZZZZZ		12/22/2012 21:18	5		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 21:18	5		CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

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

SDG No.:

Instrument ID: A2HP9 Start Date: 12/22/2012 12:44

Analysis Batch Number: 69893 End Date: 12/23/2012 13:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
240-18544-29	076SB-0110M-0001-SO	12/22/2012 21:42	5	P9122226.D	CLP-1 0.53(mm)
240-18544-29	076SB-0110M-0001-SO	12/22/2012 21:42	5	P9122226.D	CLP-2 0.53(mm)
ZZZZZ		12/22/2012 22:07	5		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 22:07	5		CLP-2 0.53(mm)
ZZZZZ		12/22/2012 22:31	1		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 22:31	1		CLP-2 0.53(mm)
ZZZZZ		12/22/2012 22:56	1		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 22:56	1		CLP-2 0.53(mm)
PEM 240-69893/30		12/22/2012 23:20	1		CLP-1 0.53(mm)
PEM 240-69893/30		12/22/2012 23:20	1		CLP-2 0.53(mm)
CCV 240-69893/31		12/22/2012 23:44	1	P9122231.D	CLP-1 0.53(mm)
CCV 240-69893/31		12/22/2012 23:44	1	P9122231.D	CLP-2 0.53(mm)
ZZZZZ		12/23/2012 00:59	1		CLP-1 0.53(mm)
ZZZZZ		12/23/2012 00:59	1		CLP-2 0.53(mm)
ZZZZZ		12/23/2012 01:23	1		CLP-1 0.53(mm)
ZZZZZ		12/23/2012 01:23	1		CLP-2 0.53(mm)
CCV 240-69893/42		12/23/2012 04:13	1		CLP-1 0.53(mm)
CCV 240-69893/42		12/23/2012 04:13	1		CLP-2 0.53(mm)
MRL 240-69893/43		12/23/2012 04:37	1	P9122243.D	CLP-1 0.53(mm)
MRL 240-69893/43		12/23/2012 04:37	1	P9122243.D	CLP-2 0.53(mm)
CCV 240-69893/60		12/23/2012 11:33	1	P9122260.D	CLP-1 0.53(mm)
CCV 240-69893/60		12/23/2012 11:33	1	P9122260.D	CLP-2 0.53(mm)
CCV 240-69893/61		12/23/2012 11:59	1		CLP-1 0.53(mm)
CCV 240-69893/61		12/23/2012 11:59	1		CLP-2 0.53(mm)
CCV 240-69893/62		12/23/2012 12:23	1		CLP-1 0.53(mm)
CCV 240-69893/62		12/23/2012 12:23	1		CLP-2 0.53(mm)
CCV 240-69893/63		12/23/2012 12:48	1		CLP-1 0.53(mm)
CCV 240-69893/63		12/23/2012 12:48	1		CLP-2 0.53(mm)
CCV 240-69893/64		12/23/2012 13:12	1		CLP-1 0.53(mm)
CCV 240-69893/64		12/23/2012 13:12	1		CLP-2 0.53(mm)

GC SEMI VOA BATCH WORKSHEET

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

SDG No.:

Batch Number: 68407 Batch Start Date: 12/12/12 15:25 Batch Analyst: Howell, Leslie

Batch Method: 3540C Batch End Date: 12/13/12 07:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX2/.2SURRW 00020	EXPSTNPDESSPW 00011	AnalysisComment	
240-18544-H-3	072SB-0065-0001-SO	3540C, 8081/DOD	T	29.89 g	10 mL	1 mL		assoc w/ batch 68401	
LCS 240-68407/9		3540C, 8081/DOD		30.00 g	10 mL	1 mL	1 mL		
MB 240-68407/10		3540C, 8081/DOD		30.00 g	10 mL	1 mL			

Batch Notes	
Exchange Solvent Lot #	671344
Na2SO4 Lot Number	677243
Prep Solvent Lot #	763281

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC SEMI VOA BATCH WORKSHEET

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

SDG No.:

Batch Number: 69197 Batch Start Date: 12/18/12 16:20 Batch Analyst: Matthews, Brandon

Batch Method: 3540C Batch End Date: 12/19/12 08:20

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EX2/.2SURRW 00020	EXPSTNPDESSPW 00011	AnalysisComment	
240-18544-E-16-A	076SB-0098-0001-SO	3540C, 8081/DOD	T	29.93 g	10 mL	1 mL		Assoc w/69187	
240-18544-E-16-A MS	076SB-0098-0001-SO	3540C, 8081/DOD	T	29.77 g	10 mL	1 mL	1 mL		
240-18544-E-16-A MSD	076SB-0098-0001-SO	3540C, 8081/DOD	T	30.16 g	10 mL	1 mL	1 mL		
240-18544-E-20-A	076SB-0101M-0001-SO	3540C, 8081/DOD	T	30.14 g	10 mL	1 mL		Assoc w/69187	
240-18544-E-27-A	076SB-0108M-0001-SO	3540C, 8081/DOD	T	29.89 g	10 mL	1 mL		Assoc w/69187	
240-18544-E-28-A	076SB-0109M-0001-SO	3540C, 8081/DOD	T	30.10 g	10 mL	1 mL		Assoc w/69187	
240-18544-E-29-A	076SB-0110M-0001-SO	3540C, 8081/DOD	T	30.16 g	10 mL	1 mL		Assoc w/69187	
240-18544-E-31-A	076SB-0112M-0001-SO	3540C, 8081/DOD	T	29.76 g	10 mL	1 mL		Assoc w/69187	
240-18544-E-33-A	076SB-0114M-0001-SO	3540C, 8081/DOD	T	29.89 g	10 mL	1 mL		Assoc w/69187	
MB 240-69197/10		3540C, 8081/DOD		30 g	10 mL	1 mL			
LCS 240-69197/11		3540C, 8081/DOD		30 g	10 mL	1 mL	1 mL		

Batch Notes	
Balance ID	b-036
Person's name who did the concentration	bm/ac
Exchange Solvent Lot #	671344
Na2SO4 Lot Number	677243
Prep Solvent Lot #	785984

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8082 DOD

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low

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

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
072SB-0065-0001-SO	240-18544-3	101	77	92	85
076SB-0098-0001-SO	240-18544-16	74	73	61	62
076SB-0100M-0001-SO	240-18544-19	75	72	59 Q	60
076SB-0101M-0001-SO	240-18544-20	81	78	72	73
076SB-0102M-0001-SO	240-18544-21	85	79	71	73
076SB-0103M-0001-SO	240-18544-22	88	84	72	74
076SB-0104M-0001-SO	240-18544-23	62	61	55 Q	57 Q
076SB-0105M-0001-SO	240-18544-24	71	68	63	67
076SB-0106M-0001-SO	240-18544-25	80	75	65	68
076SB-0107M-0001-SO	240-18544-26	88	86	75	76
076SB-0108M-0001-SO	240-18544-27	72	70	63	65
076SB-0109M-0001-SO	240-18544-28	69	67	60	61
076SB-0110M-0001-SO	240-18544-29	73	70	67	65
076SB-0112M-0001-SO	240-18544-31	76	77	67	67
076SB-0114M-0001-SO	240-18544-33	77	71	73	69
076SB-0115M-0001-SO	240-18544-34	73	69	65	64
	MB 240-68401/24-A	85	78	92	83
	MB 240-69187/19-A	80	74	69	71
	LCS 240-68401/23-A	74	73	65	62
	LCS 240-69187/20-A	100	87	72 M	82
076SB-0100M-0001-SO MS	240-18544-19 MS	78	79	69	69
076SB-0100M-0001-SO MSD	240-18544-19 MSD	78	79	66	68

	QC LIMITS
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	60-125

Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low

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

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
	MRL 240-68676/10	111	102	125	114
	MRL 240-68676/33	112	104	92	97

	QC LIMITS
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

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

SDG No.:

Matrix: Water Level: Low

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

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
	MRL 240-69521/4	114	140	90	100
	MRL 240-69521/27	117	141 Q	93	97

	QC LIMITS
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Column to be used to flag recovery values

FORM II 8082/DOD

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000031.D

Lab ID: LCS 240-68401/23-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	230	69	40-140	
Aroclor-1260	333	211	63	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300025.D

Lab ID: LCS 240-69187/20-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	333	248	74	40-140	
Aroclor-1260	333	240	72	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000010.D

Lab ID: MRL 240-68676/10 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0544	109	70-130	
Aroclor-1016	0.0500	0.0606	121	70-130	
Aroclor-1260	0.0500	0.0541	108	70-130	
Aroclor-1260	0.0500	0.0581	116	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4000033.D

Lab ID: MRL 240-68676/33 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0541	108	70-130	
Aroclor-1016	0.0500	0.0594	119	70-130	
Aroclor-1260	0.0500	0.0481 J	96	70-130	
Aroclor-1260	0.0500	0.0475 J	95	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

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

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300004.D

Lab ID: MRL 240-69521/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0610	122	70-130	
Aroclor-1016	0.0500	0.0589	118	70-130	
Aroclor-1260	0.0500	0.0541	108	70-130	
Aroclor-1260	0.0500	0.0446 J	89	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS METHOD REPORTING LIMIT CHECK RECOVERY

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

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300027.D

Lab ID: MRL 240-69521/27 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0607	121	70-130	
Aroclor-1016	0.0500	0.0621	124	70-130	
Aroclor-1260	0.0500	0.0581	116	70-130	
Aroclor-1260	0.0500	0.0482 J	96	70-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300007.D

Lab ID: 240-18544-19 MS Client ID: 076SB-0100M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor-1016	332	25 U	248	75	40-140	
Aroclor-1260	332	25 U	241	73	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

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

SDG No.:

Matrix: Solid Level: Low Lab File ID: P1300008.D

Lab ID: 240-18544-19 MSD Client ID: 076SB-0100M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor-1016	336	246	73	1	30	40-140	
Aroclor-1260	336	245	73	2	30	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082/DOD

FORM IV
PCBS METHOD BLANK SUMMARY

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

SDG No.:

Lab Sample ID: MB 240-68401/24-A

Matrix: Solid Date Extracted: 12/12/2012 13:49

Lab File ID:(1) P4000019.D Lab File ID:(2) P4000019.D

Date Analyzed:(1) 12/14/2012 08:08 Date Analyzed:(2) 12/14/2012 08:08

Instrument ID:(1) A2HP4 Instrument ID:(2) A2HP4

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
072SB-0065-0001-SO	240-18544-3	12/14/2012 07:52	12/14/2012 07:52
	LCS 240-68401/23-A	12/14/2012 11:16	12/14/2012 11:16

FORM IV
PCBS METHOD BLANK SUMMARY

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

SDG No.:

Lab Sample ID: MB 240-69187/19-A

Matrix: Solid Date Extracted: 12/18/2012 10:12

Lab File ID:(1) P1300014.D Lab File ID:(2) P1300014.D

Date Analyzed:(1) 12/20/2012 17:24 Date Analyzed:(2) 12/20/2012 17:24

Instrument ID:(1) A2HP13 Instrument ID:(2) A2HP13

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
076SB-0098-0001-SO	240-18544-16	12/20/2012 15:09	12/20/2012 15:09
076SB-0100M-0001-SO	240-18544-19	12/20/2012 15:24	12/20/2012 15:24
076SB-0100M-0001-SO MS	240-18544-19 MS	12/20/2012 15:39	12/20/2012 15:39
076SB-0100M-0001-SO MSD	240-18544-19 MSD	12/20/2012 15:54	12/20/2012 15:54
076SB-0101M-0001-SO	240-18544-20	12/20/2012 16:09	12/20/2012 16:09
076SB-0102M-0001-SO	240-18544-21	12/20/2012 16:24	12/20/2012 16:24
076SB-0103M-0001-SO	240-18544-22	12/20/2012 16:39	12/20/2012 16:39
076SB-0104M-0001-SO	240-18544-23	12/20/2012 16:54	12/20/2012 16:54
076SB-0105M-0001-SO	240-18544-24	12/20/2012 17:09	12/20/2012 17:09
076SB-0106M-0001-SO	240-18544-25	12/20/2012 17:54	12/20/2012 17:54
076SB-0107M-0001-SO	240-18544-26	12/20/2012 18:09	12/20/2012 18:09
076SB-0108M-0001-SO	240-18544-27	12/20/2012 18:24	12/20/2012 18:24
076SB-0109M-0001-SO	240-18544-28	12/20/2012 18:39	12/20/2012 18:39
076SB-0110M-0001-SO	240-18544-29	12/20/2012 18:54	12/20/2012 18:54
076SB-0112M-0001-SO	240-18544-31	12/20/2012 19:09	12/20/2012 19:09
076SB-0114M-0001-SO	240-18544-33	12/20/2012 19:24	12/20/2012 19:24
076SB-0115M-0001-SO	240-18544-34	12/20/2012 19:39	12/20/2012 19:39
	LCS 240-69187/20-A	12/20/2012 20:09	12/20/2012 20:09

FORM VIII
PCBS ANALYTICAL SEQUENCE

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

SDG No.:

Sample No.: CCV 240-69521/3 Date Analyzed: 12/20/2012 14:39

Instrument ID: A2HP13 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1300003.D Heated Purge: (Y/N) N

Calibration ID: 12036

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

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.29	7.05	
UPPER LIMIT				1.39	7.15	
LOWER LIMIT				1.19	6.95	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-69521/3 CCVRT		12/20/2012 14:39	P1300003.D	1.29	7.05	
240-18544-16	076SB-0098-0001-SO	12/20/2012 15:09	P1300005.D	1.29	7.05	
240-18544-19	076SB-0100M-0001-SO	12/20/2012 15:24	P1300006.D	1.29	7.05	
240-18544-19 MS	076SB-0100M-0001-SO MS	12/20/2012 15:39	P1300007.D	1.29	7.05	
240-18544-19 MSD	076SB-0100M-0001-SO MSD	12/20/2012 15:54	P1300008.D	1.28	7.05	
240-18544-20	076SB-0101M-0001-SO	12/20/2012 16:09	P1300009.D	1.29	7.05	
240-18544-21	076SB-0102M-0001-SO	12/20/2012 16:24	P1300010.D	1.28	7.05	
240-18544-22	076SB-0103M-0001-SO	12/20/2012 16:39	P1300011.D	1.28	7.05	
240-18544-23	076SB-0104M-0001-SO	12/20/2012 16:54	P1300012.D	1.29	7.05	
240-18544-24	076SB-0105M-0001-SO	12/20/2012 17:09	P1300013.D	1.29	7.05	
MB 240-69187/19-A		12/20/2012 17:24	P1300014.D	1.28	7.05	
CCV 240-69521/15		12/20/2012 17:39	P1300015.D	1.28	7.05	
240-18544-25	076SB-0106M-0001-SO	12/20/2012 17:54	P1300016.D	1.28	7.05	
240-18544-26	076SB-0107M-0001-SO	12/20/2012 18:09	P1300017.D	1.28	7.05	
240-18544-27	076SB-0108M-0001-SO	12/20/2012 18:24	P1300018.D	1.28	7.05	
240-18544-28	076SB-0109M-0001-SO	12/20/2012 18:39	P1300019.D	1.29	7.05	
240-18544-29	076SB-0110M-0001-SO	12/20/2012 18:54	P1300020.D	1.29	7.05	
240-18544-31	076SB-0112M-0001-SO	12/20/2012 19:09	P1300021.D	1.29	7.05	
240-18544-33	076SB-0114M-0001-SO	12/20/2012 19:24	P1300022.D	1.28	7.05	
240-18544-34	076SB-0115M-0001-SO	12/20/2012 19:39	P1300023.D	1.29	7.05	
LCS 240-69187/20-A		12/20/2012 20:09	P1300025.D	1.28	7.05	
CCV 240-69521/26		12/20/2012 20:23	P1300026.D	1.28	7.05	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

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

SDG No.:

Sample No.: CCV 240-69521/3 Date Analyzed: 12/20/2012 14:39

Instrument ID: A2HP13 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1300003.D Heated Purge: (Y/N) N

Calibration ID: 12037

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

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.64	8.21	
UPPER LIMIT				1.74	8.31	
LOWER LIMIT				1.54	8.11	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-69521/3 CCVRT		12/20/2012 14:39	P1300003.D	1.64	8.21	
240-18544-16	076SB-0098-0001-SO	12/20/2012 15:09	P1300005.D	1.64	8.21	
240-18544-19	076SB-0100M-0001-SO	12/20/2012 15:24	P1300006.D	1.64	8.21	
240-18544-19 MS	076SB-0100M-0001-SO MS	12/20/2012 15:39	P1300007.D	1.64	8.21	
240-18544-19 MSD	076SB-0100M-0001-SO MSD	12/20/2012 15:54	P1300008.D	1.64	8.21	
240-18544-20	076SB-0101M-0001-SO	12/20/2012 16:09	P1300009.D	1.64	8.21	
240-18544-21	076SB-0102M-0001-SO	12/20/2012 16:24	P1300010.D	1.64	8.21	
240-18544-22	076SB-0103M-0001-SO	12/20/2012 16:39	P1300011.D	1.64	8.21	
240-18544-23	076SB-0104M-0001-SO	12/20/2012 16:54	P1300012.D	1.64	8.21	
240-18544-24	076SB-0105M-0001-SO	12/20/2012 17:09	P1300013.D	1.64	8.21	
MB 240-69187/19-A		12/20/2012 17:24	P1300014.D	1.64	8.21	
CCV 240-69521/15		12/20/2012 17:39	P1300015.D	1.64	8.21	
240-18544-25	076SB-0106M-0001-SO	12/20/2012 17:54	P1300016.D	1.64	8.21	
240-18544-26	076SB-0107M-0001-SO	12/20/2012 18:09	P1300017.D	1.64	8.21	
240-18544-27	076SB-0108M-0001-SO	12/20/2012 18:24	P1300018.D	1.64	8.21	
240-18544-28	076SB-0109M-0001-SO	12/20/2012 18:39	P1300019.D	1.64	8.21	
240-18544-29	076SB-0110M-0001-SO	12/20/2012 18:54	P1300020.D	1.64	8.21	
240-18544-31	076SB-0112M-0001-SO	12/20/2012 19:09	P1300021.D	1.64	8.21	
240-18544-33	076SB-0114M-0001-SO	12/20/2012 19:24	P1300022.D	1.64	8.21	
240-18544-34	076SB-0115M-0001-SO	12/20/2012 19:39	P1300023.D	1.64	8.21	
LCS 240-69187/20-A		12/20/2012 20:09	P1300025.D	1.64	8.21	
CCV 240-69521/26		12/20/2012 20:23	P1300026.D	1.64	8.21	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

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

SDG No.:

Sample No.: CCV 240-68676/3 Date Analyzed: 12/14/2012 03:56

Instrument ID: A2HP4 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 12592

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

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.27	6.62	
UPPER LIMIT				1.37	6.72	
LOWER LIMIT				1.17	6.52	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-68676/3 CCVRT		12/14/2012 03:56	P4000003.D	1.27	6.62	
240-18544-3	072SB-0065-0001-SO	12/14/2012 07:52	P4000018.D	1.27	6.62	
MB 240-68401/24-A		12/14/2012 08:08	P4000019.D	1.27	6.62	
CCV 240-68676/20		12/14/2012 08:23	P4000020.D	1.27	6.62	
LCS 240-68401/23-A		12/14/2012 11:16	P4000031.D	1.27	6.62	
CCV 240-68676/32		12/14/2012 11:32	P4000032.D	1.27	6.62	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM VIII
PCBS ANALYTICAL SEQUENCE

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

SDG No.:

Sample No.: CCV 240-68676/3 Date Analyzed: 12/14/2012 03:56

Instrument ID: A2HP4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P4000003.D Heated Purge: (Y/N) N

Calibration ID: 12593

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

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.67	7.83	
UPPER LIMIT				1.77	7.93	
LOWER LIMIT				1.57	7.73	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-68676/3 CCVRT		12/14/2012 03:56	P4000003.D	1.67	7.83	
240-18544-3	072SB-0065-0001-SO	12/14/2012 07:52	P4000018.D	1.68	7.83	
MB 240-68401/24-A		12/14/2012 08:08	P4000019.D	1.68	7.83	
CCV 240-68676/20		12/14/2012 08:23	P4000020.D	1.68	7.83	
LCS 240-68401/23-A		12/14/2012 11:16	P4000031.D	1.68	7.83	
CCV 240-68676/32		12/14/2012 11:32	P4000032.D	1.68	7.83	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082/DOD

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MS Lab Sample ID: 240-18544-19 MS

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 12/20/2012 15:39 Date Analyzed (2): 12/20/2012 15:39

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.13	2.08	2.18	264	270	8.5
		2	2.56	2.51	2.61	273		
		3	3.04	2.99	3.09	295		
		4	3.19	3.14	3.24	282		
		5	3.84	3.79	3.89	239		
	2	1	1.58	1.53	1.63	225	248	
		2	1.89	1.84	1.94	256		
		3	2.31	2.26	2.36	252		
		4	2.45	2.40	2.50	265		
		5	2.86	2.81	2.91	244		
Aroclor-1260	1	1	5.12	5.07	5.17	252	254	5.2
		2	5.37	5.32	5.42	268		
		3	5.76	5.71	5.81	254		
		4	6.49	6.44	6.54	256		
		5	6.89	6.84	6.94	240		
	2	1	4.15	4.10	4.20	245	241	
		2	4.46	4.41	4.51	243		
		3	4.76	4.71	4.81	244		
		4	5.51	5.46	5.56	241		
		5	5.81	5.76	5.86	233		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO MSD Lab Sample ID: 240-18544-19 MSD

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 12/20/2012 15:54 Date Analyzed (2): 12/20/2012 15:54

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.13	2.08	2.18	264	275	10.9
		2	2.56	2.51	2.61	276		
		3	3.04	2.99	3.09	297		
		4	3.19	3.14	3.24	288		
		5	3.84	3.79	3.89	249		
	2	1	1.58	1.53	1.63	215	246	
		2	1.89	1.84	1.94	255		
		3	2.31	2.26	2.36	252		
		4	2.45	2.40	2.50	265		
		5	2.86	2.81	2.91	245		
Aroclor-1260	1	1	5.12	5.07	5.17	261	263	6.8
		2	5.37	5.32	5.42	280		
		3	5.76	5.71	5.81	262		
		4	6.49	6.44	6.54	264		
		5	6.89	6.84	6.94	245		
	2	1	4.15	4.10	4.20	250	245	
		2	4.46	4.41	4.51	248		
		3	4.76	4.71	4.81	248		
		4	5.51	5.46	5.56	244		
		5	5.81	5.76	5.86	237		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO Lab Sample ID: 240-18544-31

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 12/20/2012 19:09 Date Analyzed (2): 12/20/2012 19:09

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1260	1	1	5.12	5.07	5.17	51.8	85	9.2
		2	5.37	5.32	5.42	91.4		
		3	5.76	5.71	5.81	94.0		
		4	6.49	6.44	6.54	86.8		
		5	6.89	6.84	6.94	100		
	2	1	4.15	4.10	4.20	54.7	77	
		2	4.46	4.41	4.51	79.5		
		3	4.76	4.71	4.81	94.0		
		4	5.51	5.46	5.56	74.5		
		5	5.81	5.76	5.86	84.3		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-68401/23-A

Instrument ID (1): A2HP4 Instrument ID (2): A2HP4

Date Analyzed (1): 12/14/2012 11:16 Date Analyzed (2): 12/14/2012 11:16

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.14	2.04	2.24	225	230	2.5
		2	2.53	2.43	2.63	240		
		3	2.98	2.88	3.08	242		
		4	3.12	3.02	3.22	224		
		5	3.22	3.12	3.32	218		
	2	1	1.54	1.44	1.64	221	235	
		2	1.83	1.73	1.93	234		
		3	2.22	2.12	2.32	251		
		4	2.34	2.24	2.44	236		
		5	2.72	2.61	2.81	235		
Aroclor-1260	1	1	4.93	4.83	5.03	208	211	6.0
		2	5.16	5.06	5.26	206		
		3	5.53	5.43	5.63	208		
		4	6.21	6.11	6.31	220		
		5	6.60	6.50	6.70	211		
	2	1	3.91	3.81	4.01	231	224	
		2	4.20	4.10	4.30	227		
		3	4.48	4.38	4.58	226		
		4	5.18	5.08	5.28	221		
		5	5.46	5.36	5.56	212		

FORM X
IDENTIFICATION SUMMARY

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

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69187/20-A

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 12/20/2012 20:09 Date Analyzed (2): 12/20/2012 20:09

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor-1016	1	1	2.13	2.08	2.18	281	289	15.0
		2	2.56	2.51	2.61	291		
		3	3.04	2.99	3.09	302		
		4	3.19	3.13	3.23	314		
		5	3.84	3.79	3.89	255		
	2	1	1.58	1.53	1.63	243	248	
		2	1.89	1.84	1.94	263		
		3	2.31	2.26	2.36	251		
		4	2.45	2.39	2.49	249		
		5	2.86	2.81	2.91	236		
Aroclor-1260	1	1	5.12	5.07	5.17	261	266	10.1
		2	5.37	5.32	5.42	275		
		3	5.76	5.71	5.81	270		
		4	6.49	6.44	6.54	274		
		5	6.89	6.84	6.94	249		
	2	1	4.15	4.10	4.20	246	240	
		2	4.46	4.41	4.51	227		
		3	4.76	4.71	4.81	252		
		4	5.51	5.46	5.56	244		
		5	5.81	5.76	5.86	232		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 072SB-0065-0001-SO Lab Sample ID: 240-18544-3

Matrix: Solid Lab File ID: P4000018.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 09:57

Extraction Method: 3540C Date Extracted: 12/12/2012 13:49

Sample wt/vol: 29.89(g) Date Analyzed: 12/14/2012 07:52

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

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

% Moisture: 11.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 68676 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		40-140
2051-24-3	DCB Decachlorobiphenyl	85		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000018.D		
Lims ID:	240-18544-H-3-C	Client ID:	072SB-0065-0001-SO
Inject. Date:	14-Dec-2012 07:52:28	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015842-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	18
Lims Batch ID:	68676	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m		
Last Update:	14-Dec-2012 12:25:42	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK020		
First Level Reviewer: hassl		Date:	14-Dec-2012 10:43:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.270	0.001	21452403	0.0154			
2	2	1.675	1.672	0.003	18300201	0.0202			
						RPD = 27.20			
3 PCB-1221									
1	2		1.402						
1	3		1.511						
1	4		1.541						
2	4		1.949						
2	5		2.080						
2	6		2.136						
5 PCB-1242									
1	100		1.539						
1	2		1.821						
1	3		2.214						
1	4		2.333						
1	5		2.711						
2	6		2.133						
2	7		2.529						
2	8		2.980						
2	9		3.118						
2	10		3.603						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.540						
1	2		1.822						
1	3		2.214						
1	4		2.333						
1	5		2.712						
2	6		2.135						
2	7		2.530						
2	8		2.979						
2	9		3.117						
2	10		3.727						
6 PCB-1016									
1	100		1.540						
1	2		1.822						
1	3		2.213						
1	4		2.333						
1	5		2.712						
2	6		2.134						
2	7		2.529						
2	8		2.980						
2	9		3.118						
2	10		3.221						
7 PCB-1248									
1	86		1.823						
1	2		2.212						
1	3		2.713						
1	4		3.290						
1	5		3.723						
2	6		2.528						
2	7		2.978						
2	8		3.728						
2	9		4.003						
2	10		4.724						
8 PCB-1254									
1	100		3.076						
1	2		3.722						
1	3		4.005						
1	4		4.196						
1	5		4.478						
2	6		4.248						
2	7		4.725						
2	8		4.968						
2	9		5.328						
2	10		5.532						

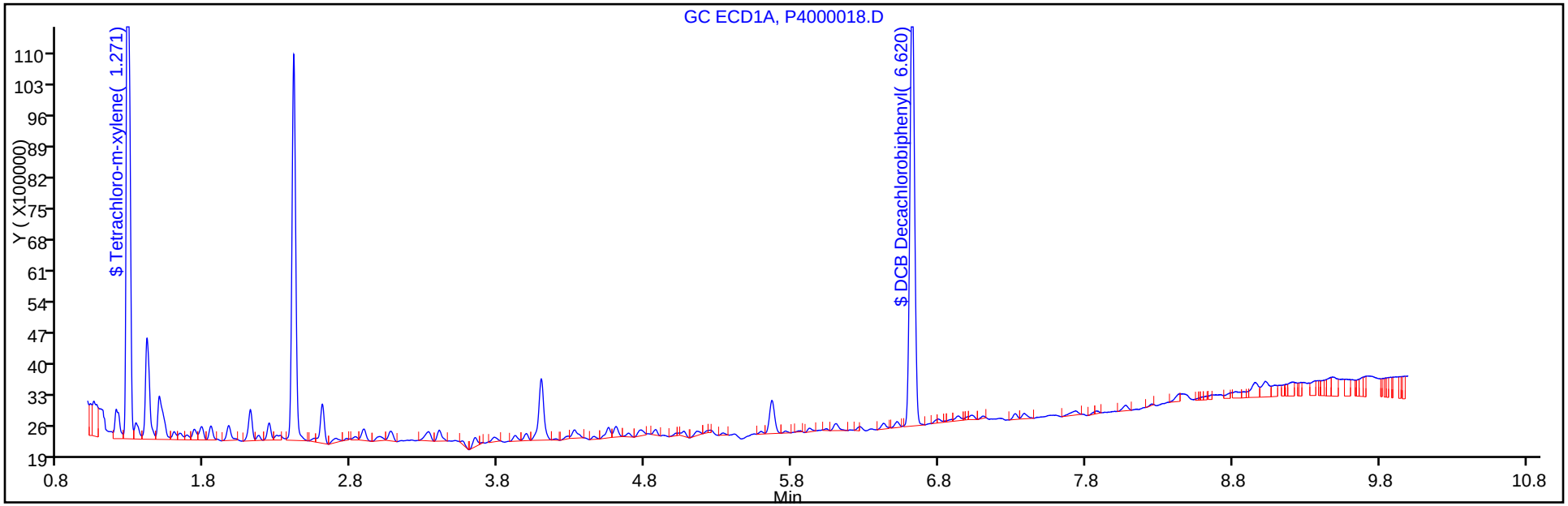
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.911						
1	2		4.196						
1	3		4.476						
1	4		5.178						
1	5		5.461						
2	6		4.931						
2	7		5.160						
2	8		5.529						
2	9		6.213						
2	10		6.596						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.619	0.001	22020586	0.0169			
2	2	7.833	7.833	0.000	18302449	0.0185			
						RPD = 8.60			

Report Date: 14-Dec-2012 12:25:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

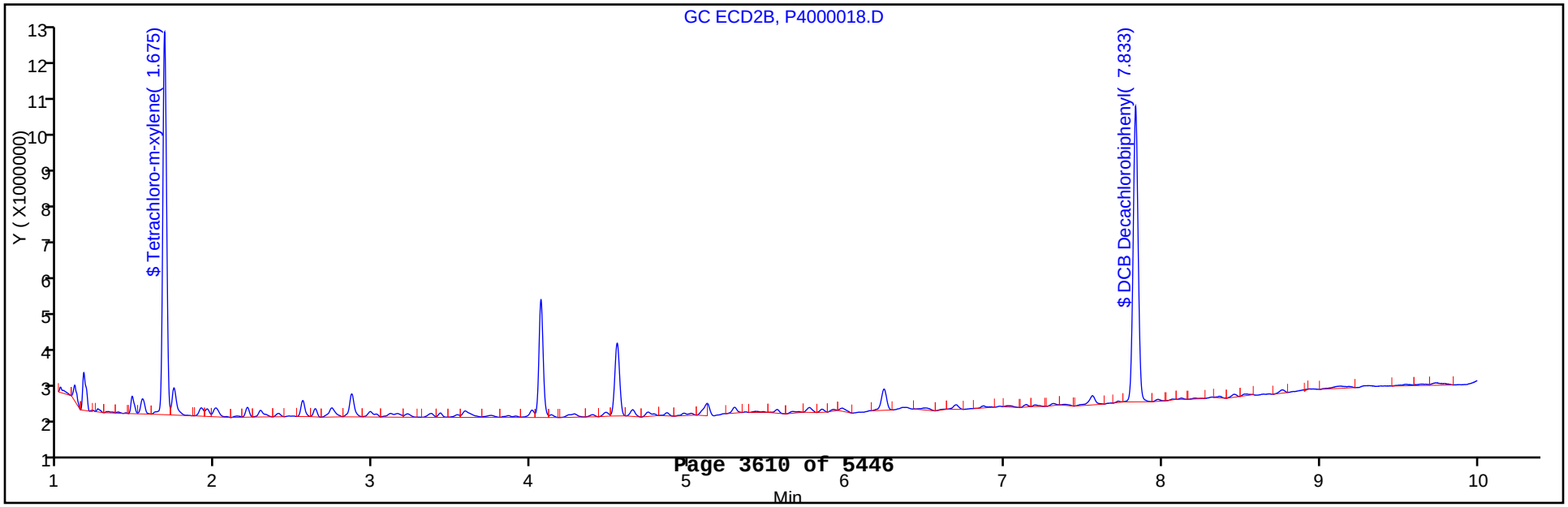
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000018.D		
Injection Date:	14-Dec-2012 07:52:28	Limit Group:	GC 8082A ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	68676	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 072SB-0065-0001-SO | Lab Sample ID: 240-18544-3

Matrix: Solid | Lab File ID: P4000018.D

Analysis Method: 8082/DOD | Date Collected: 12/06/2012 09:57

Extraction Method: 3540C | Date Extracted: 12/12/2012 13:49

Sample wt/vol: 29.89(g) | Date Analyzed: 12/14/2012 07:52

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

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

% Moisture: 11.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68676 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	28	U	56	28	18
12674-11-2	Aroclor-1016	28	U	73	28	24
11141-16-5	Aroclor-1232	28	U	51	28	16
53469-21-9	Aroclor-1242	28	U	45	28	15
12672-29-6	Aroclor-1248	28	U	62	28	19
11097-69-1	Aroclor-1254	28	U	62	28	19
11096-82-5	Aroclor-1260	28	U	62	28	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	101		40-140
2051-24-3	DCB Decachlorobiphenyl	92		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000018.D		
Lims ID:	240-18544-H-3-C	Client ID:	072SB-0065-0001-SO
Inject. Date:	14-Dec-2012 07:52:28	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015842-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP4
Injection Vol:	1.0 uL	ALS Bottle#:	18
Lims Batch ID:	68676	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP4\20121214-15842.b\PCB4.m		
Last Update:	14-Dec-2012 12:25:42	Calib Date:	04-Dec-2012 19:18:24
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP4\20121204-15497.b\P4000044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK020		
First Level Reviewer: hassl		Date:	14-Dec-2012 10:43:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.271	1.270	0.001	21452403	0.0154			
2	2	1.675	1.672	0.003	18300201	0.0202			
						RPD = 27.20			
3 PCB-1221									
1	2		1.402						
1	3		1.511						
1	4		1.541						
2	4		1.949						
2	5		2.080						
2	6		2.136						
5 PCB-1242									
1	100		1.539						
1	2		1.821						
1	3		2.214						
1	4		2.333						
1	5		2.711						
2	6		2.133						
2	7		2.529						
2	8		2.980						
2	9		3.118						
2	10		3.603						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.540						
1	2		1.822						
1	3		2.214						
1	4		2.333						
1	5		2.712						
2	6		2.135						
2	7		2.530						
2	8		2.979						
2	9		3.117						
2	10		3.727						
6 PCB-1016									
1	100		1.540						
1	2		1.822						
1	3		2.213						
1	4		2.333						
1	5		2.712						
2	6		2.134						
2	7		2.529						
2	8		2.980						
2	9		3.118						
2	10		3.221						
7 PCB-1248									
1	86		1.823						
1	2		2.212						
1	3		2.713						
1	4		3.290						
1	5		3.723						
2	6		2.528						
2	7		2.978						
2	8		3.728						
2	9		4.003						
2	10		4.724						
8 PCB-1254									
1	100		3.076						
1	2		3.722						
1	3		4.005						
1	4		4.196						
1	5		4.478						
2	6		4.248						
2	7		4.725						
2	8		4.968						
2	9		5.328						
2	10		5.532						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		3.911						
1	2		4.196						
1	3		4.476						
1	4		5.178						
1	5		5.461						
2	6		4.931						
2	7		5.160						
2	8		5.529						
2	9		6.213						
2	10		6.596						
$ 12 DCB Decachlorobiphenyl									
1	100	6.620	6.619	0.001	22020586	0.0169			
2	2	7.833	7.833	0.000	18302449	0.0185			
						RPD = 8.60			

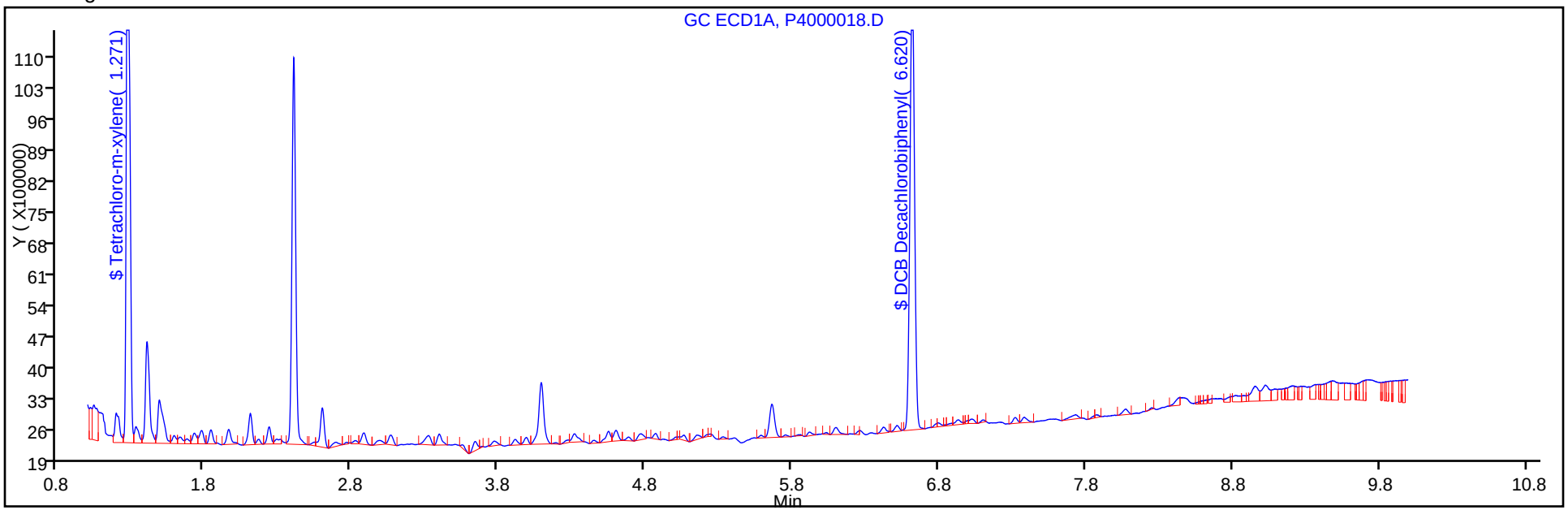
Report Date: 14-Dec-2012 12:25:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

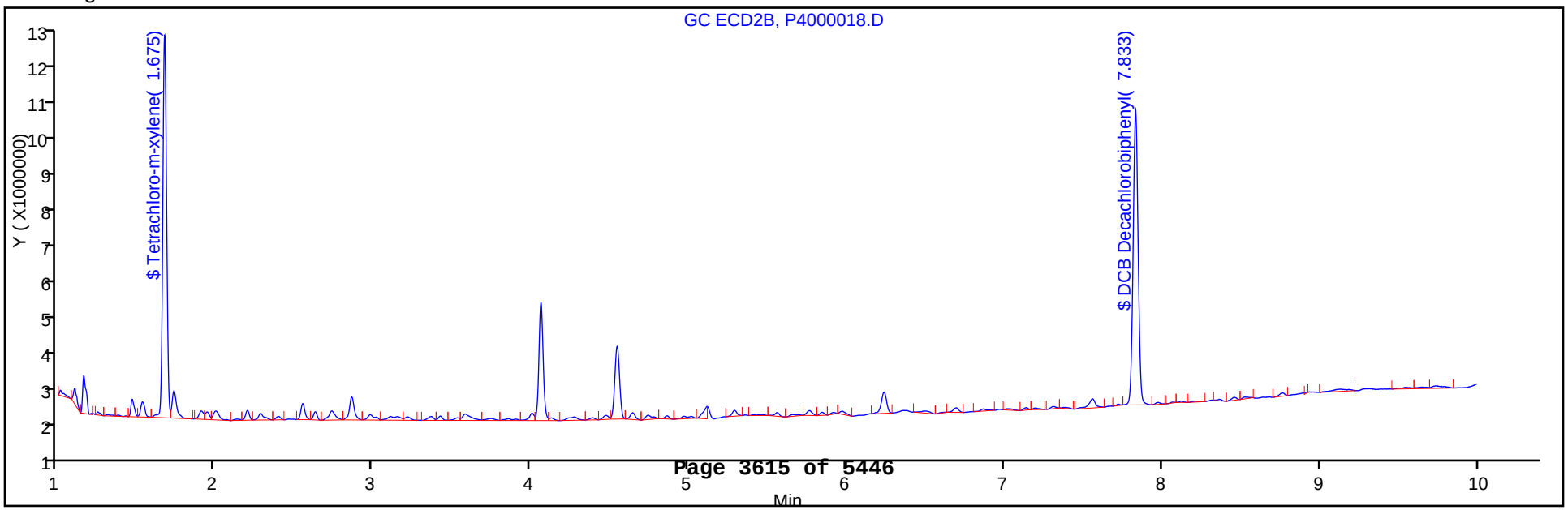
Data File: \\Ncchrom\ChromData\A2HP4\20121214-15842.b\P4000018.D

Injection Date:	14-Dec-2012 07:52:28	Limit Group:	GC 8082A ICAL
Client ID:	072SB-0065-0001-SO	Instrument ID:	A2HP4
Lims Batch ID:	68676	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0098-0001-SO | Lab Sample ID: 240-18544-16

Matrix: Solid | Lab File ID: P1300005.D

Analysis Method: 8082/DOD | Date Collected: 12/06/2012 14:33

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.93(g) | Date Analyzed: 12/20/2012 15:09

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

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

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

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
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	73		40-140
2051-24-3	DCB Decachlorobiphenyl	62		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300005.D		
Lims ID:	240-18544-E-16-E	Client ID:	076SB-0098-0001-SO
Inject. Date:	20-Dec-2012 15:09:36	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	5
Lims Batch ID:	69521	Lims Sample ID:	5
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:45:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	33398228	0.0146			
2	2	1.639	1.640	-0.001	21204650	0.0148			
						RPD = 0.86			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.046	0.002	28725234	0.0123			
2	2	8.206	8.205	0.001	16377941	0.0122			
						RPD = 1.18			

QC Flag Legend

Processing Flags
1 - Missing Peaks

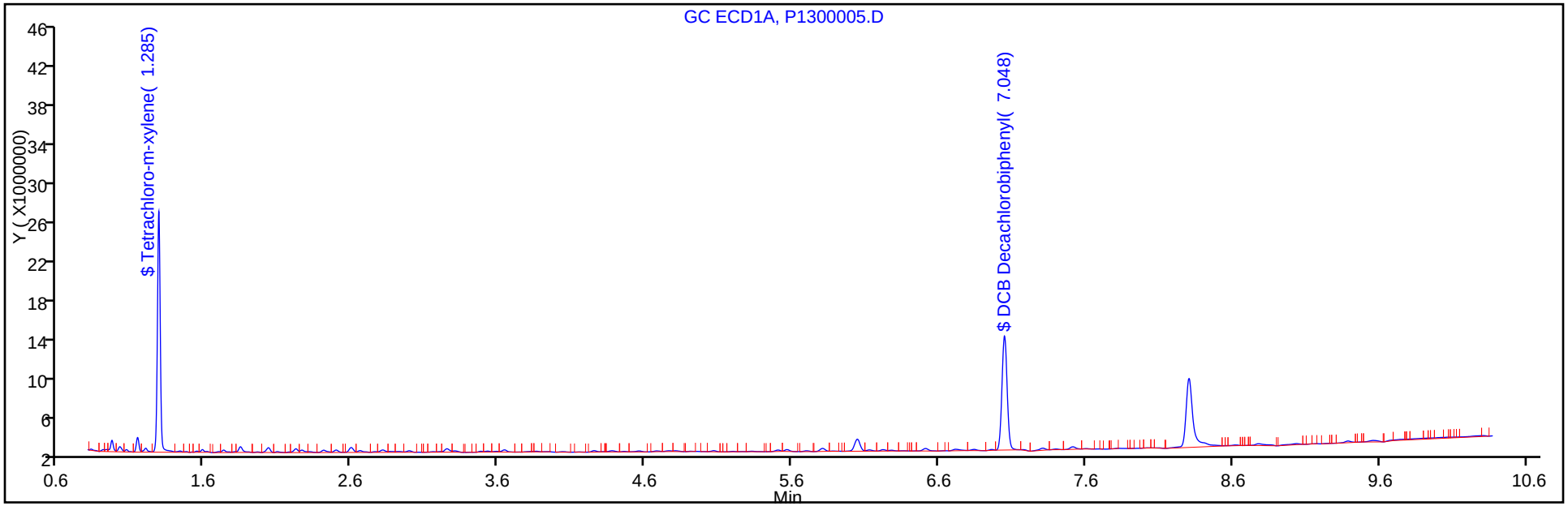
Report Date: 21-Dec-2012 11:50:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

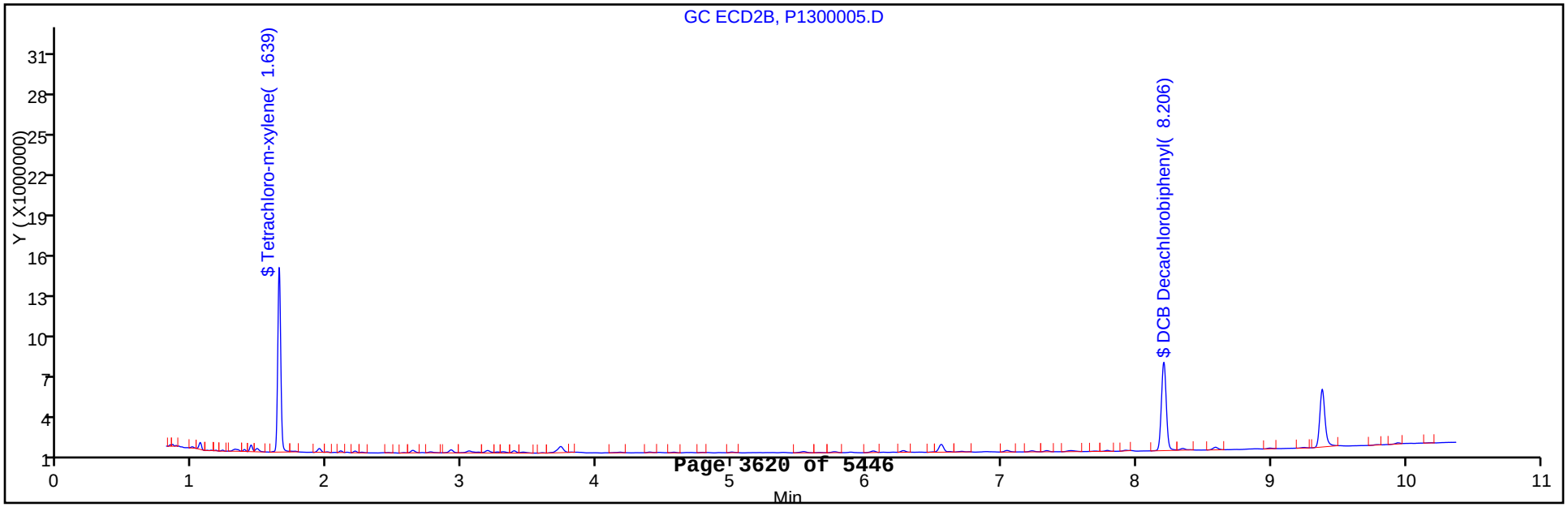
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300005.D

Injection Date:	20-Dec-2012 15:09:36	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0098-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0098-0001-SO Lab Sample ID: 240-18544-16

Matrix: Solid Lab File ID: P1300005.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 14:33

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.93(g) Date Analyzed: 12/20/2012 15:09

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		40-140
2051-24-3	DCB Decachlorobiphenyl	61		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300005.D		
Lims ID:	240-18544-E-16-E	Client ID:	076SB-0098-0001-SO
Inject. Date:	20-Dec-2012 15:09:36	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-005		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	5
Lims Batch ID:	69521	Lims Sample ID:	5
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: hassl		Date:	21-Dec-2012 11:45:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	33398228	0.0146			
2	2	1.639	1.640	-0.001	21204650	0.0148			
						RPD = 0.86			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.046	0.002	28725234	0.0123			
2	2	8.206	8.205	0.001	16377941	0.0122			
						RPD = 1.18			

QC Flag Legend

Processing Flags
1 - Missing Peaks

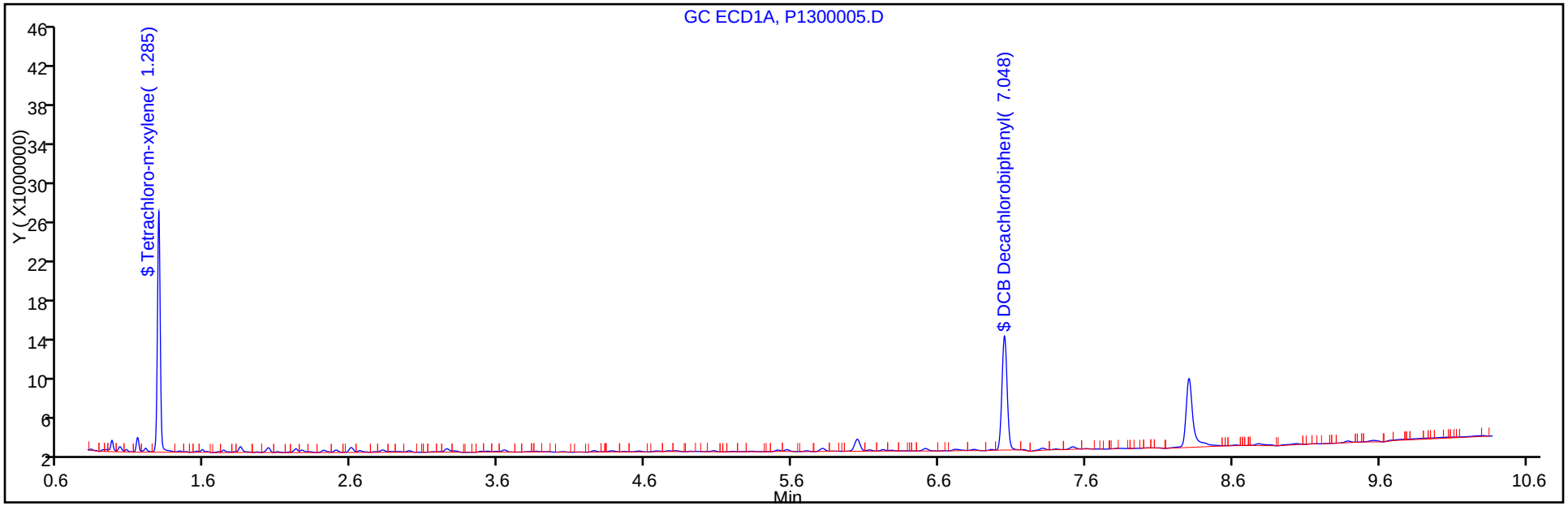
Report Date: 21-Dec-2012 11:50:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

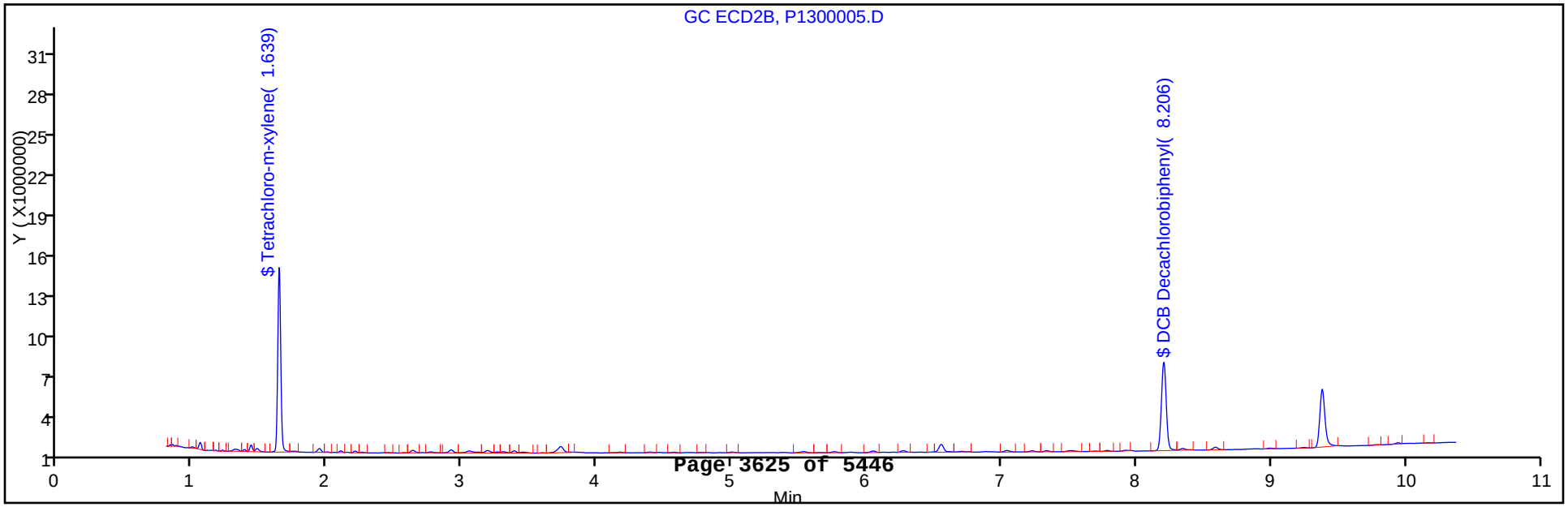
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300005.D

Injection Date:	20-Dec-2012 15:09:36	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0098-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO | Lab Sample ID: 240-18544-19

Matrix: Solid | Lab File ID: P1300006.D

Analysis Method: 8082/DOD | Date Collected: 12/06/2012 15:27

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.52(g) | Date Analyzed: 12/20/2012 15:24

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

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

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

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	25	U	66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	41	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	25	U	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		40-140
2051-24-3	DCB Decachlorobiphenyl	60		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300006.D
Lims ID: 240-18544-U-19-H
Client ID: 076SB-0100M-0001-SO
Inject. Date: 20-Dec-2012 15:24:33
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016044-006
Misc. Info.:
Operator:
Instrument ID: A2HP13
Injection Vol: 1.0 uL
ALS Bottle#: 6
Lims Batch ID: 69521
Lims Sample ID: 6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m
Last Update: 21-Dec-2012 11:50:18
Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl
Date: 21-Dec-2012 11:45:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	33100777	0.0145			
2	2	1.640	1.640	0.000	21691166	0.0151			
						RPD = 4.02			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
9 PCB-1262									
1	100		4.461						
1	2		4.892						
1	3		5.155						
1	4		5.508						
1	5		5.907						
2	6		5.370						
2	7		5.869						
2	8		6.194						
2	9		6.491						
2	10		6.892						
11 PCB-1268									
1	100		5.864						
1	2		5.903						
1	3		6.117						
1	4		6.520						
1	5		6.838						
2	6		6.890						
2	7		6.940						
2	8		7.221						
2	9		7.556						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.046	0.002	27792680	0.0119			
2	2	8.206	8.205	0.001	15825149	0.0117			
						RPD = 1.31			

QC Flag Legend

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

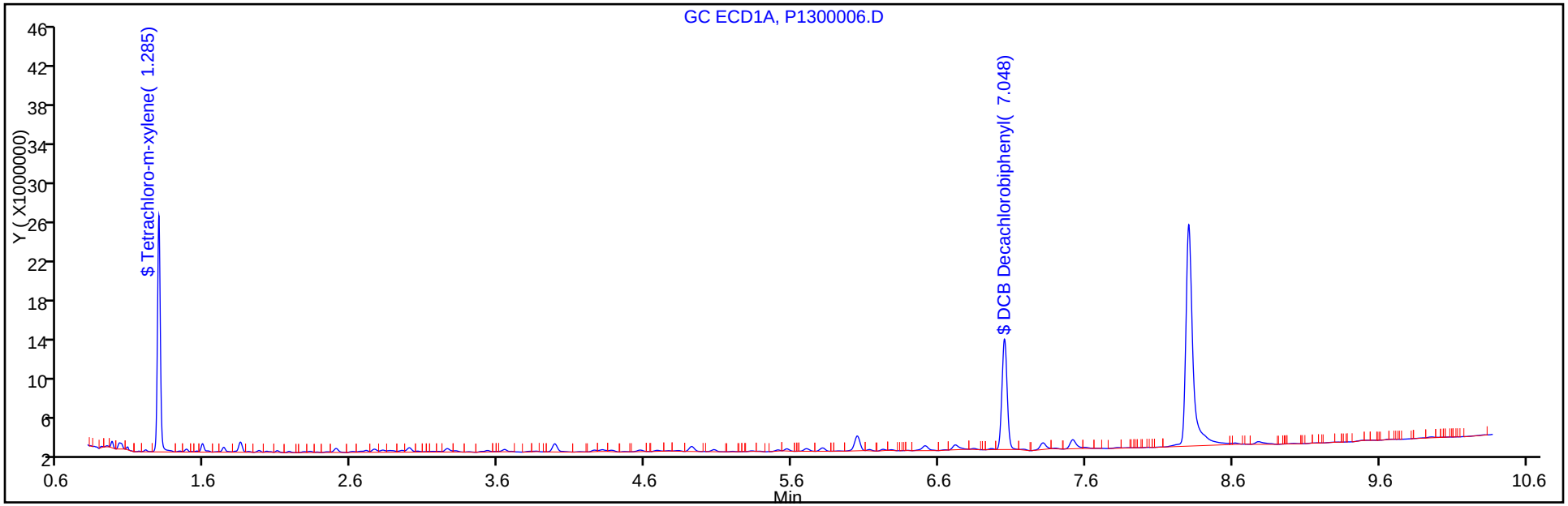
Report Date: 21-Dec-2012 11:50:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

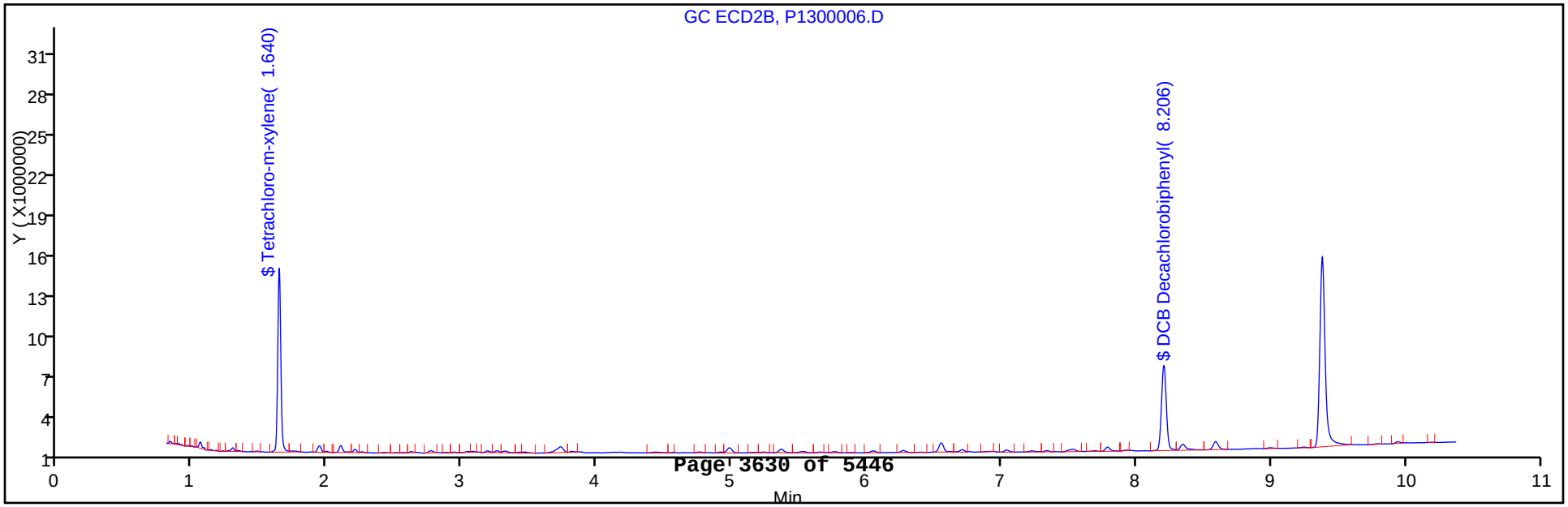
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300006.D

Injection Date:	20-Dec-2012 15:24:33	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0100M-0001-SO Lab Sample ID: 240-18544-19

Matrix: Solid Lab File ID: P1300006.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 15:27

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.52(g) Date Analyzed: 12/20/2012 15:24

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	75		40-140
2051-24-3	DCB Decachlorobiphenyl	59	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300006.D		
Lims ID:	240-18544-U-19-H	Client ID:	076SB-0100M-0001-SO
Inject. Date:	20-Dec-2012 15:24:33	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	6
Lims Batch ID:	69521	Lims Sample ID:	6
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:45:12

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	33100777	0.0145			
2	2	1.640	1.640	0.000	21691166	0.0151			
						RPD = 4.02			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
9 PCB-1262									
1	100		4.461						
1	2		4.892						
1	3		5.155						
1	4		5.508						
1	5		5.907						
2	6		5.370						
2	7		5.869						
2	8		6.194						
2	9		6.491						
2	10		6.892						
11 PCB-1268									
1	100		5.864						
1	2		5.903						
1	3		6.117						
1	4		6.520						
1	5		6.838						
2	6		6.890						
2	7		6.940						
2	8		7.221						
2	9		7.556						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.046	0.002	27792680	0.0119			
2	2	8.206	8.205	0.001	15825149	0.0117			
						RPD = 1.31			

QC Flag Legend

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

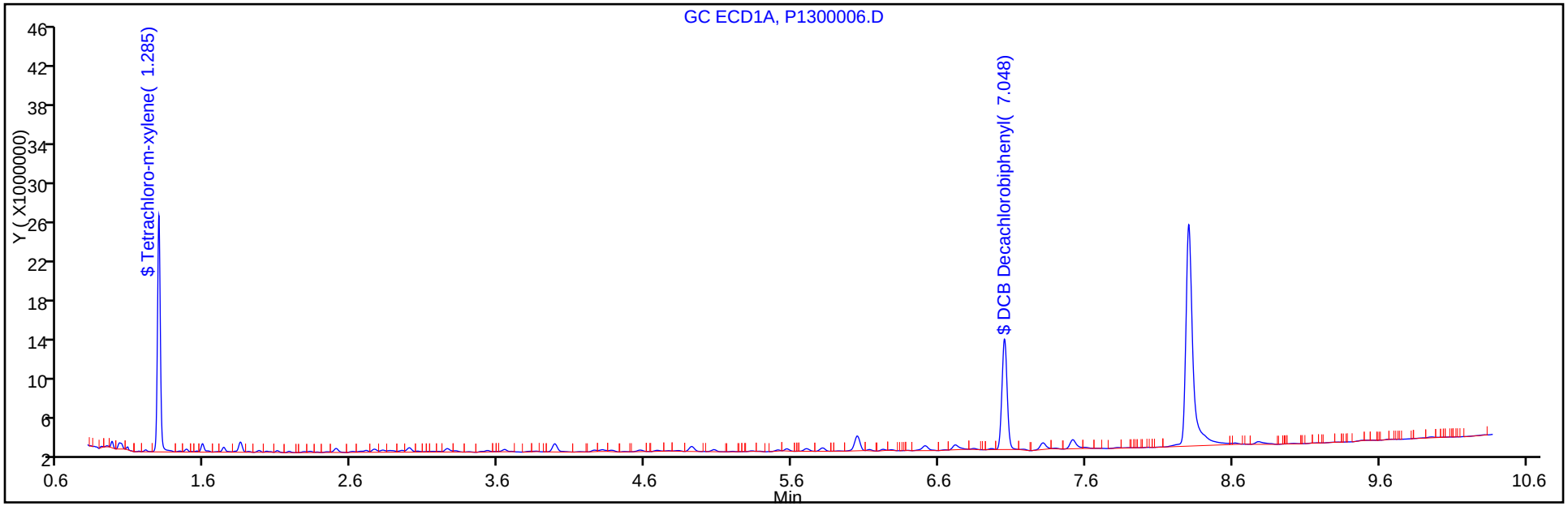
Report Date: 21-Dec-2012 11:50:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

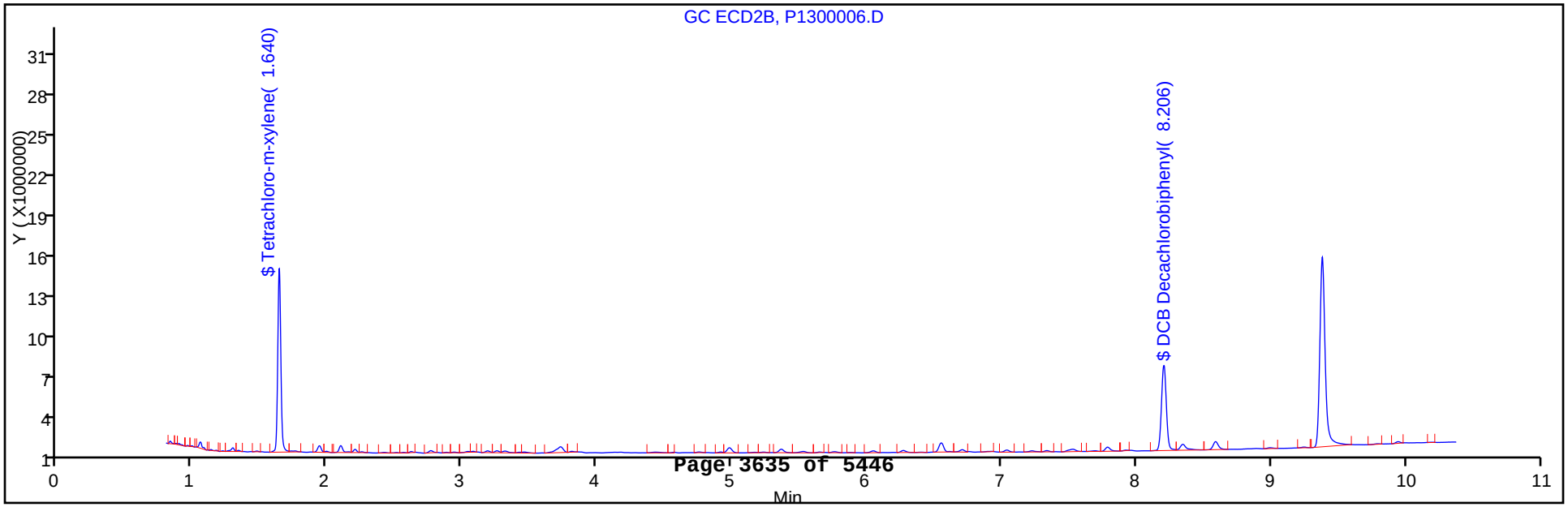
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300006.D

Injection Date:	20-Dec-2012 15:24:33	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0100M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0101M-0001-SO | Lab Sample ID: 240-18544-20

Matrix: Solid | Lab File ID: P1300009.D

Analysis Method: 8082/DOD | Date Collected: 12/06/2012 15:27

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.14(g) | Date Analyzed: 12/20/2012 16:09

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

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

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

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
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	78		40-140
2051-24-3	DCB Decachlorobiphenyl	73		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300009.D		
Lims ID:	240-18544-E-20-E	Client ID:	076SB-0101M-0001-SO
Inject. Date:	20-Dec-2012 16:09:26	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-009		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	9
Lims Batch ID:	69521	Lims Sample ID:	9
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:46:16

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	35599020	0.0156			
2	2	1.639	1.640	-0.001	23386692	0.0163			
						RPD = 4.27			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.046	0.003	34058072	0.0146			
2	2	8.205	8.205	0.000	19444197	0.0144			
						RPD = 1.05			

QC Flag Legend

Processing Flags
1 - Missing Peaks

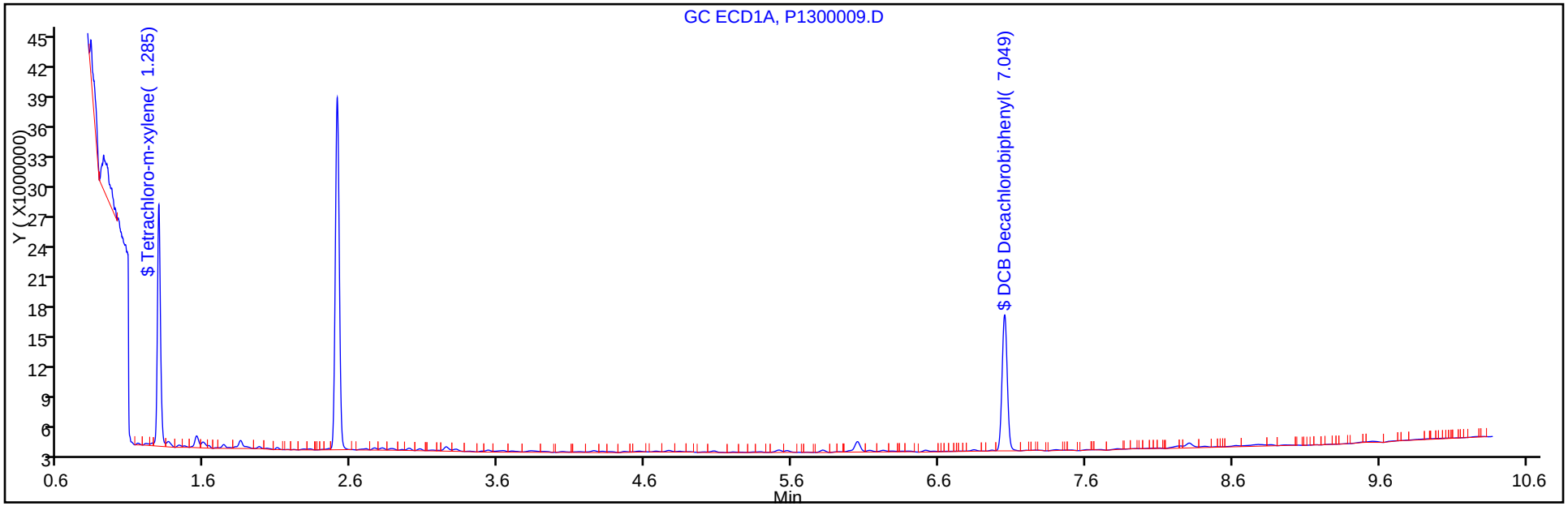
Report Date: 21-Dec-2012 11:50:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

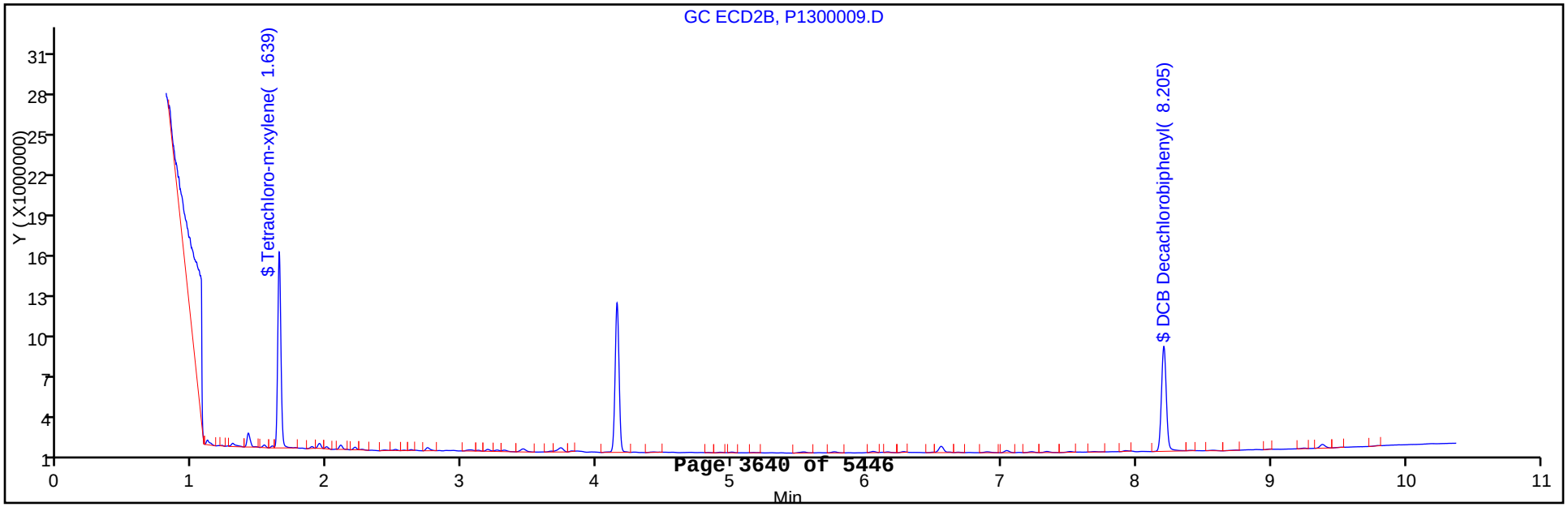
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Injection Date:	20-Dec-2012 16:09:26	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0101M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0101M-0001-SO Lab Sample ID: 240-18544-20

Matrix: Solid Lab File ID: P1300009.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 15:27

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.14(g) Date Analyzed: 12/20/2012 16:09

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	81		40-140
2051-24-3	DCB Decachlorobiphenyl	72		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300009.D		
Lims ID:	240-18544-E-20-E	Client ID:	076SB-0101M-0001-SO
Inject. Date:	20-Dec-2012 16:09:26	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-009		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	9
Lims Batch ID:	69521	Lims Sample ID:	9
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:46:16

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	35599020	0.0156			
2	2	1.639	1.640	-0.001	23386692	0.0163			
						RPD = 4.27			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.046	0.003	34058072	0.0146			
2	2	8.205	8.205	0.000	19444197	0.0144			
						RPD = 1.05			

QC Flag Legend

Processing Flags
1 - Missing Peaks

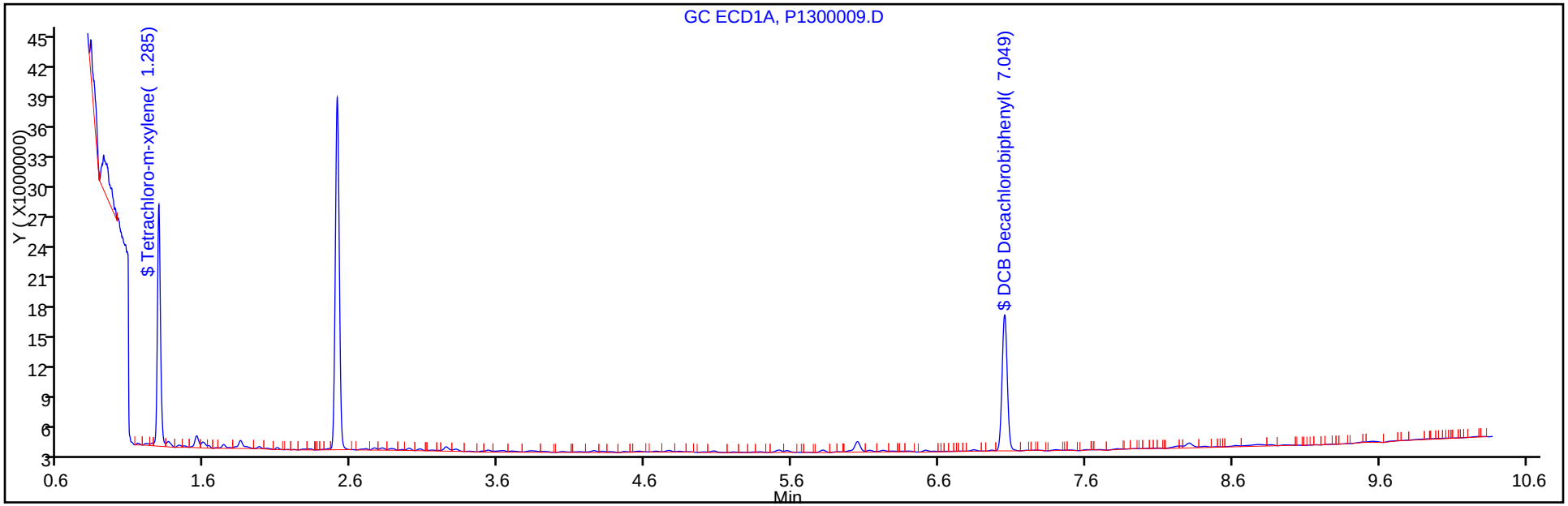
Report Date: 21-Dec-2012 11:50:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

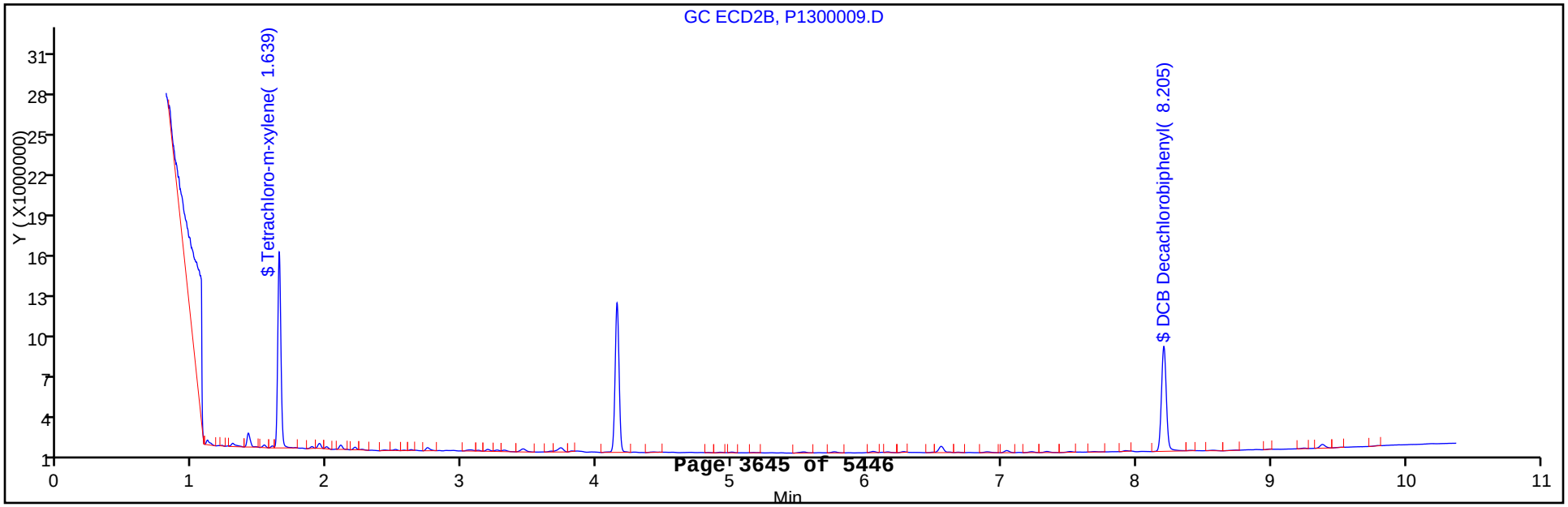
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300009.D

Injection Date:	20-Dec-2012 16:09:26	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0101M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0102M-0001-SO | Lab Sample ID: 240-18544-21

Matrix: Solid | Lab File ID: P1300010.D

Analysis Method: 8082/DOD | Date Collected: 12/06/2012 15:45

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.10(g) | Date Analyzed: 12/20/2012 16:24

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

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

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

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	25	U	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		40-140
2051-24-3	DCB Decachlorobiphenyl	73		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300010.D		
Lims ID:	240-18544-E-21-E	Client ID:	076SB-0102M-0001-SO
Inject. Date:	20-Dec-2012 16:24:31	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-010		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	10
Lims Batch ID:	69521	Lims Sample ID:	10
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:46:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.285	-0.001	35933114	0.0157			
2	2	1.638	1.640	-0.002	24539665	0.0171			
						RPD = 8.14			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.046	0.003	34019380	0.0146			
2	2	8.206	8.205	0.001	19114911	0.0142			
						RPD = 2.64			

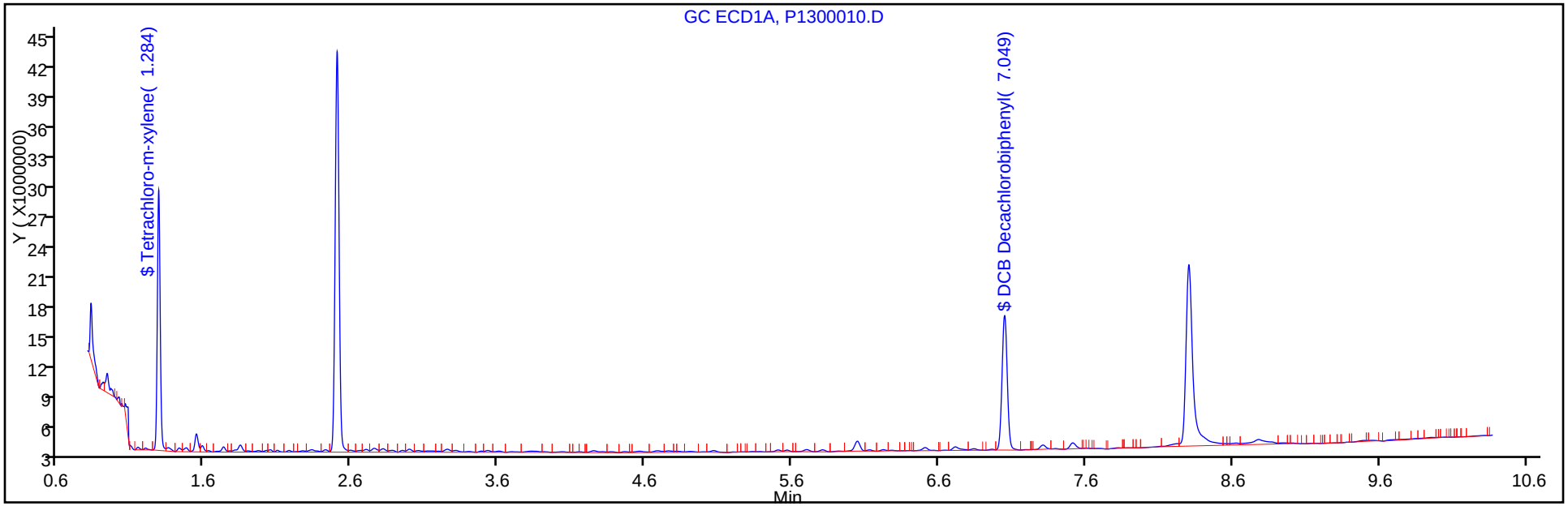
Report Date: 21-Dec-2012 11:50:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

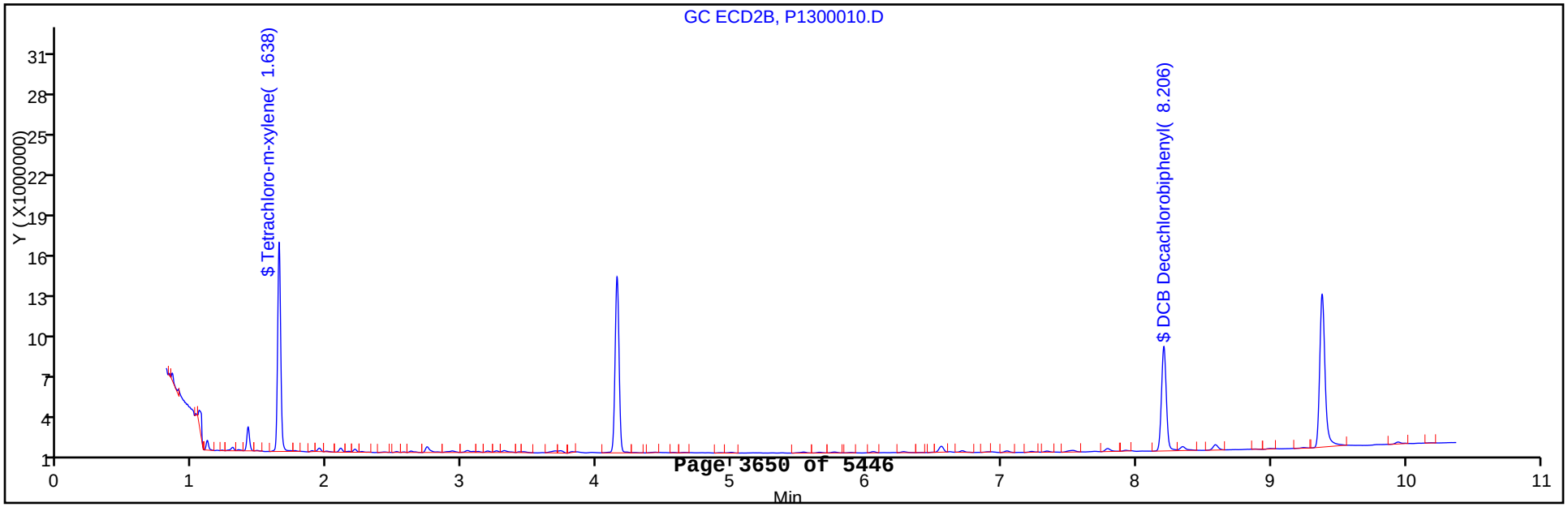
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300010.D

Injection Date:	20-Dec-2012 16:24:31	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0102M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0102M-0001-SO Lab Sample ID: 240-18544-21

Matrix: Solid Lab File ID: P1300010.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 15:45

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.10(g) Date Analyzed: 12/20/2012 16:24

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	85		40-140
2051-24-3	DCB Decachlorobiphenyl	71		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300010.D		
Lims ID:	240-18544-E-21-E	Client ID:	076SB-0102M-0001-SO
Inject. Date:	20-Dec-2012 16:24:31	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-010		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	10
Lims Batch ID:	69521	Lims Sample ID:	10
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:46:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.285	-0.001	35933114	0.0157			
2	2	1.638	1.640	-0.002	24539665	0.0171			
						RPD = 8.14			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.046	0.003	34019380	0.0146			
2	2	8.206	8.205	0.001	19114911	0.0142			
						RPD = 2.64			

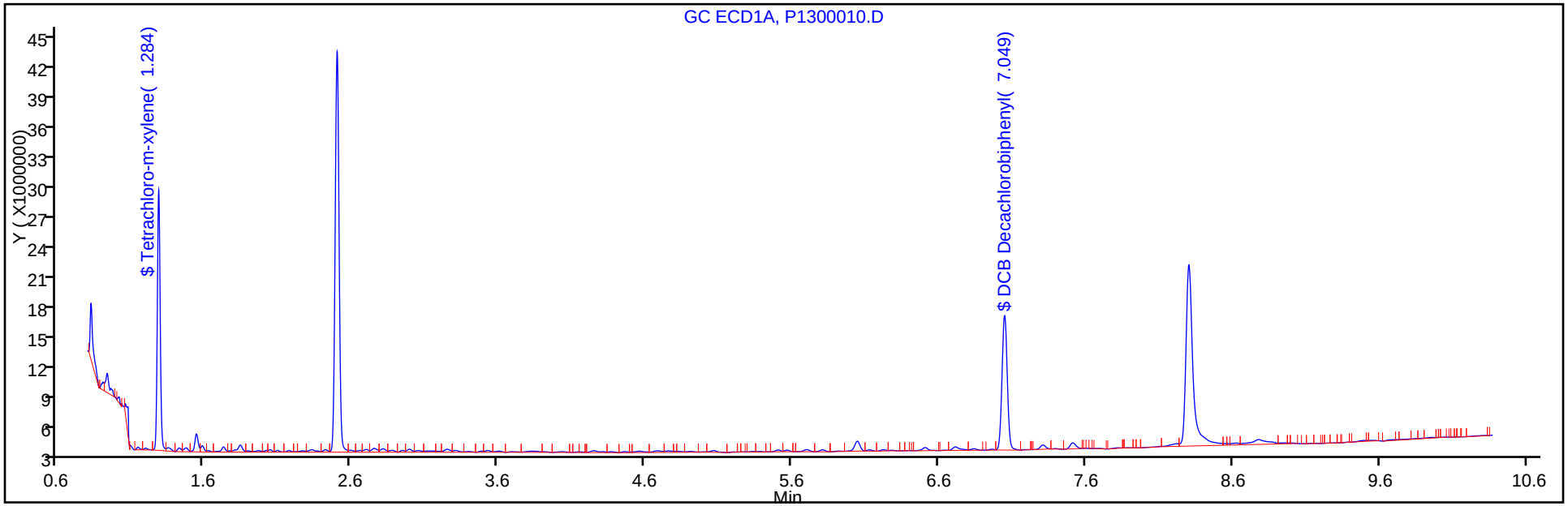
Report Date: 21-Dec-2012 11:50:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

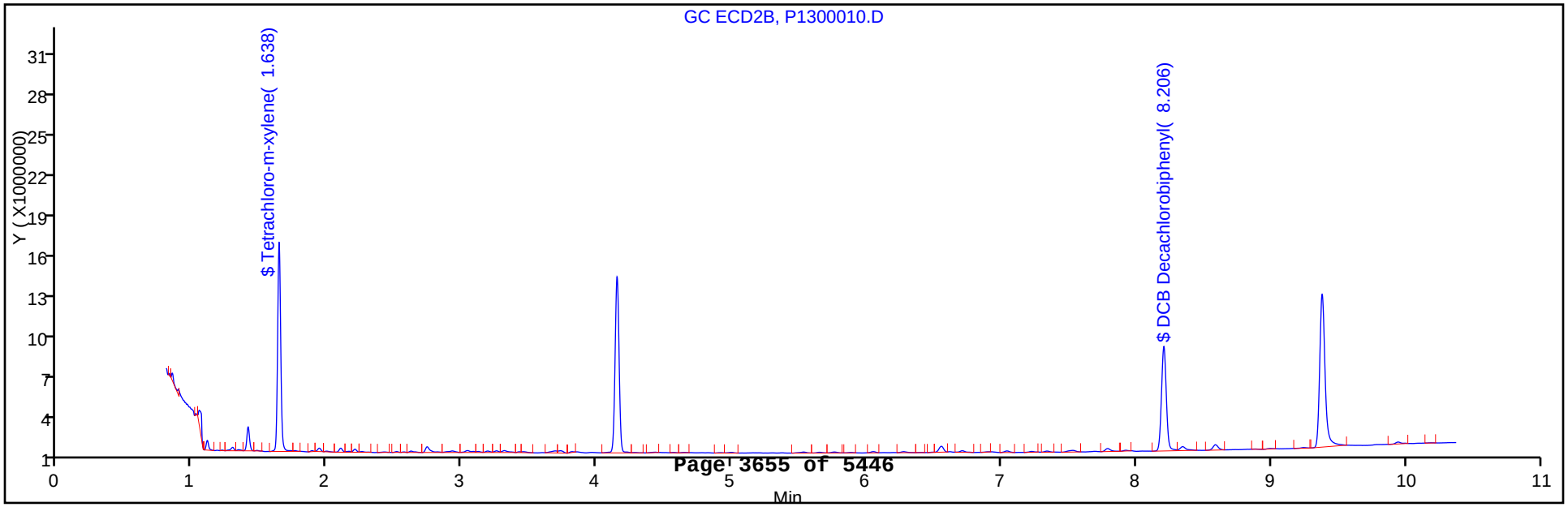
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300010.D

Injection Date:	20-Dec-2012 16:24:31	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0102M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0103M-0001-SO Lab Sample ID: 240-18544-22

Matrix: Solid Lab File ID: P1300011.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 15:45

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.08(g) Date Analyzed: 12/20/2012 16:39

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	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	84		40-140
2051-24-3	DCB Decachlorobiphenyl	74		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300011.D		
Lims ID:	240-18544-E-22-E	Client ID:	076SB-0103M-0001-SO
Inject. Date:	20-Dec-2012 16:39:29	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	11
Lims Batch ID:	69521	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:46:29

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.285	-0.001	38221091	0.0167			
2	2	1.639	1.640	-0.001	25240551	0.0176			
						RPD = 4.79			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.046	0.003	34631485	0.0148			
2	2	8.205	8.205	0.000	19279328	0.0143			
						RPD = 3.57			

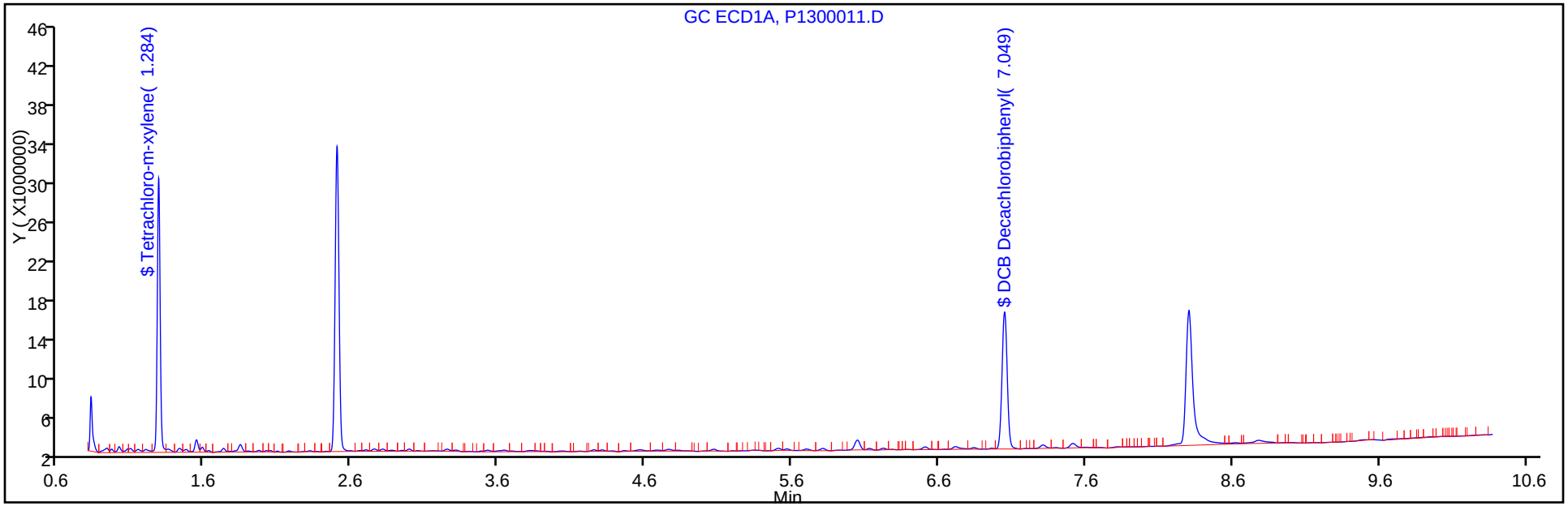
Report Date: 21-Dec-2012 11:50:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

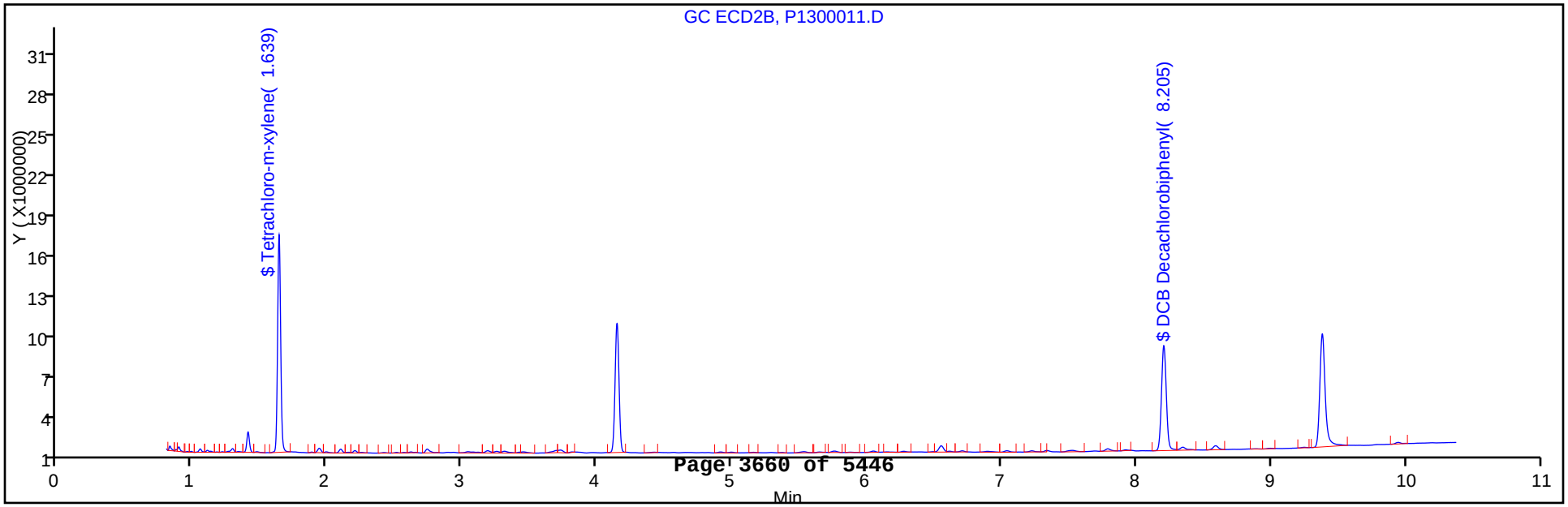
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Injection Date:	20-Dec-2012 16:39:29	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0103M-0001-SO Lab Sample ID: 240-18544-22

Matrix: Solid Lab File ID: P1300011.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 15:45

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.08(g) Date Analyzed: 12/20/2012 16:39

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	88		40-140
2051-24-3	DCB Decachlorobiphenyl	72		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300011.D		
Lims ID:	240-18544-E-22-E	Client ID:	076SB-0103M-0001-SO
Inject. Date:	20-Dec-2012 16:39:29	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	11
Lims Batch ID:	69521	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:46:29

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.285	-0.001	38221091	0.0167			
2	2	1.639	1.640	-0.001	25240551	0.0176			
						RPD = 4.79			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.046	0.003	34631485	0.0148			
2	2	8.205	8.205	0.000	19279328	0.0143			
						RPD = 3.57			

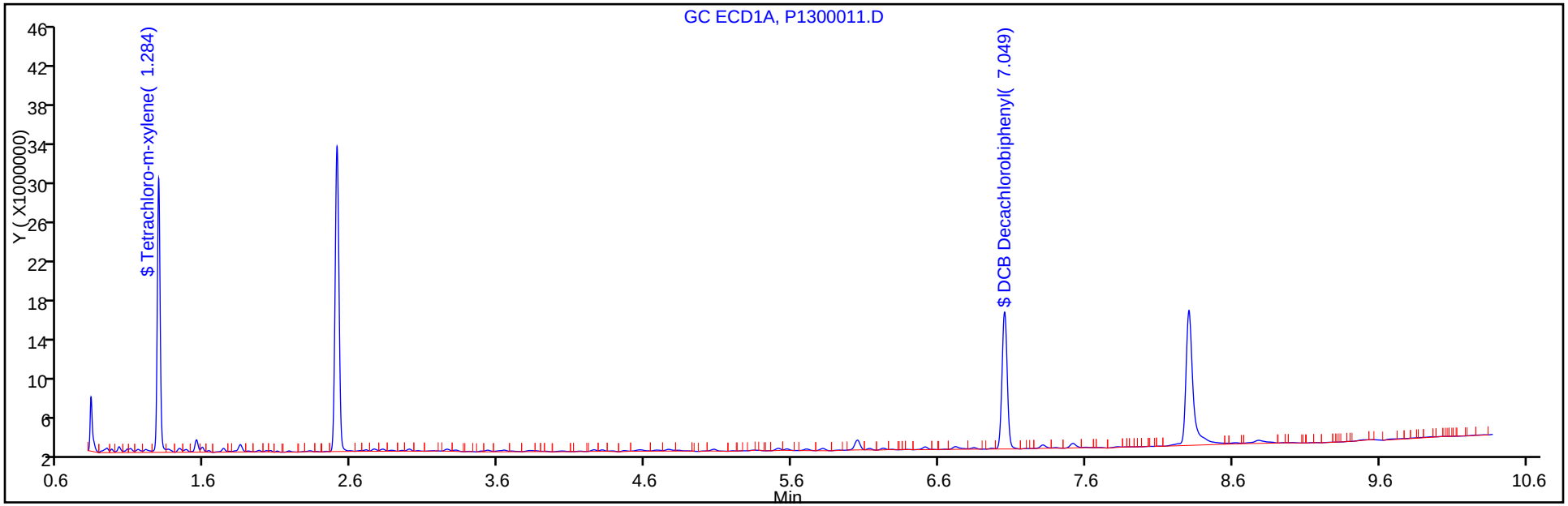
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TestAmerica Canton

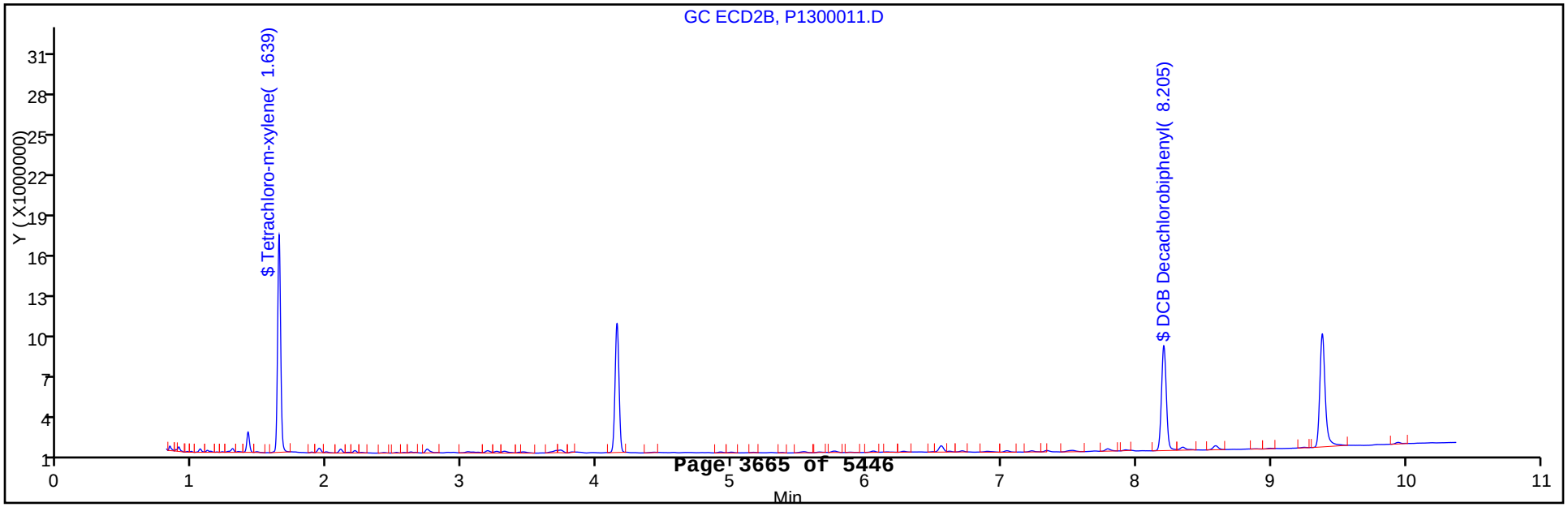
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Injection Date:	20-Dec-2012 16:39:29	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0103M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0104M-0001-SO Lab Sample ID: 240-18544-23

Matrix: Solid Lab File ID: P1300012.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 16:35

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.65(g) Date Analyzed: 12/20/2012 16:54

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	25	U	66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	25	U	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	61		40-140
2051-24-3	DCB Decachlorobiphenyl	57	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300012.D		
Lims ID:	240-18544-E-23-E	Client ID:	076SB-0104M-0001-SO
Inject. Date:	20-Dec-2012 16:54:26	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-012		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	12
Lims Batch ID:	69521	Lims Sample ID:	12
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	27815086	0.0122			
2	2	1.640	1.640	0.000	17723958	0.0123			
						RPD = 1.22			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.050	7.046	0.004	26499840	0.0114			
2	2	8.206	8.205	0.001	14795823	0.0110			
						RPD = 3.27			

QC Flag Legend

Processing Flags
1 - Missing Peaks

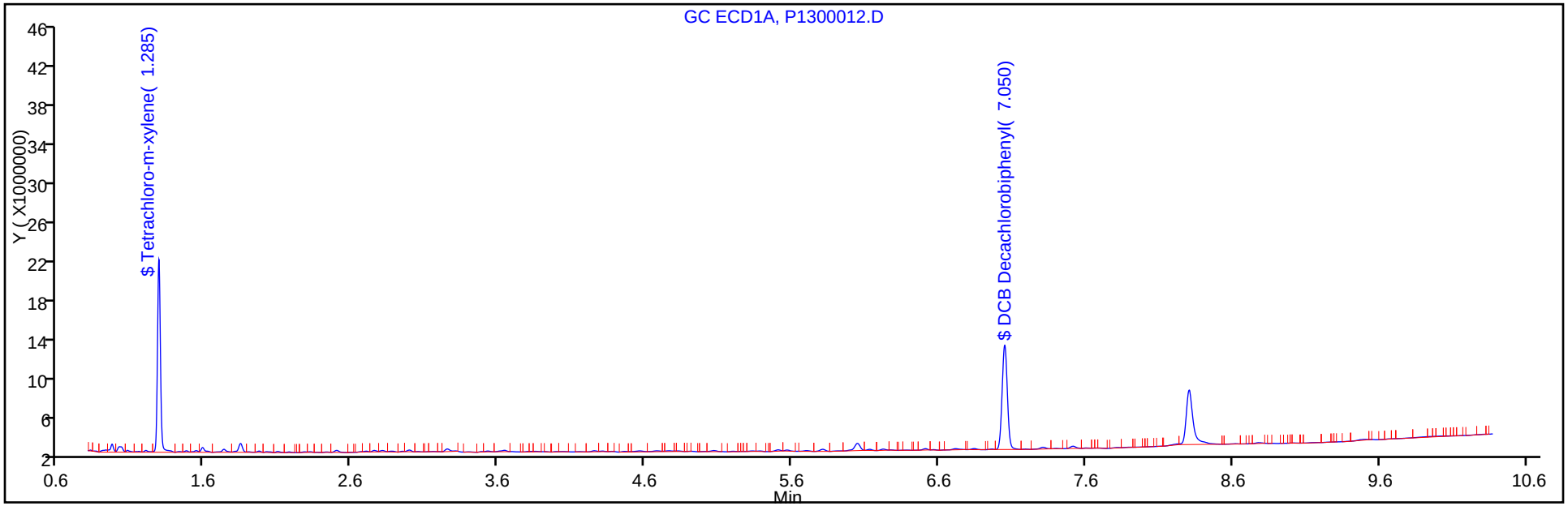
Report Date: 21-Dec-2012 11:50:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

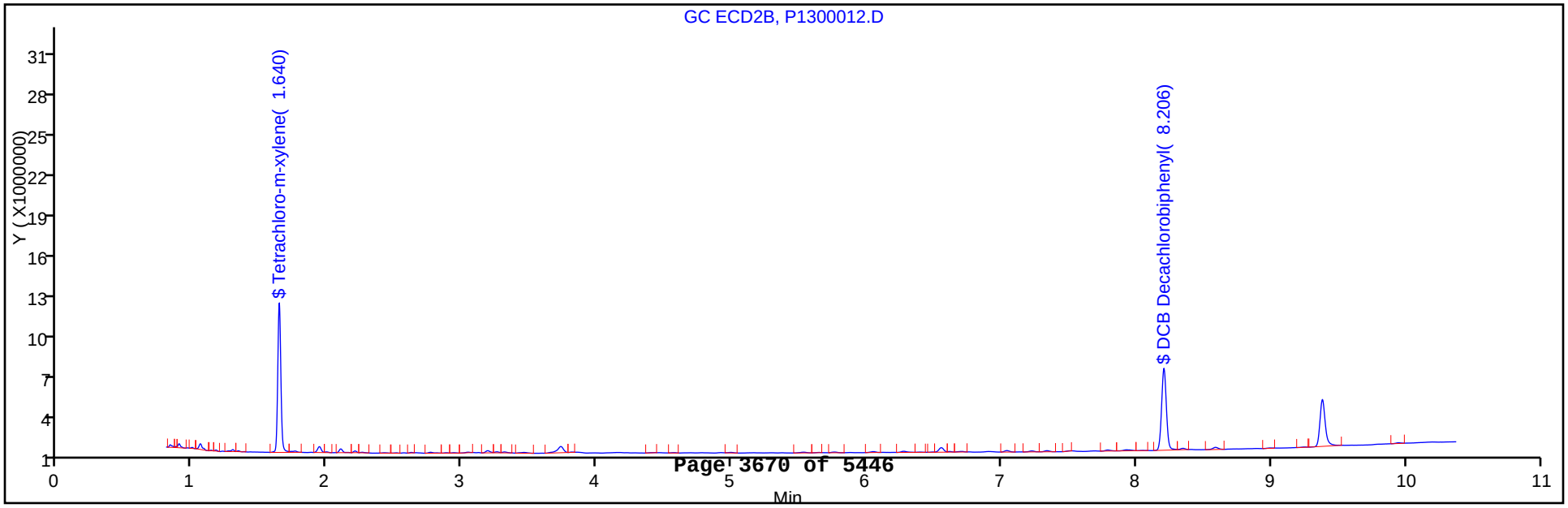
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Injection Date:	20-Dec-2012 16:54:26	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0104M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0104M-0001-SO Lab Sample ID: 240-18544-23

Matrix: Solid Lab File ID: P1300012.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 16:35

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.65(g) Date Analyzed: 12/20/2012 16:54

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	62		40-140
2051-24-3	DCB Decachlorobiphenyl	55	Q	60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300012.D		
Lims ID:	240-18544-E-23-E	Client ID:	076SB-0104M-0001-SO
Inject. Date:	20-Dec-2012 16:54:26	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-012		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	12
Lims Batch ID:	69521	Lims Sample ID:	12
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	27815086	0.0122			
2	2	1.640	1.640	0.000	17723958	0.0123			
						RPD = 1.22			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.050	7.046	0.004	26499840	0.0114			
2	2	8.206	8.205	0.001	14795823	0.0110			
						RPD = 3.27			

QC Flag Legend

Processing Flags
1 - Missing Peaks

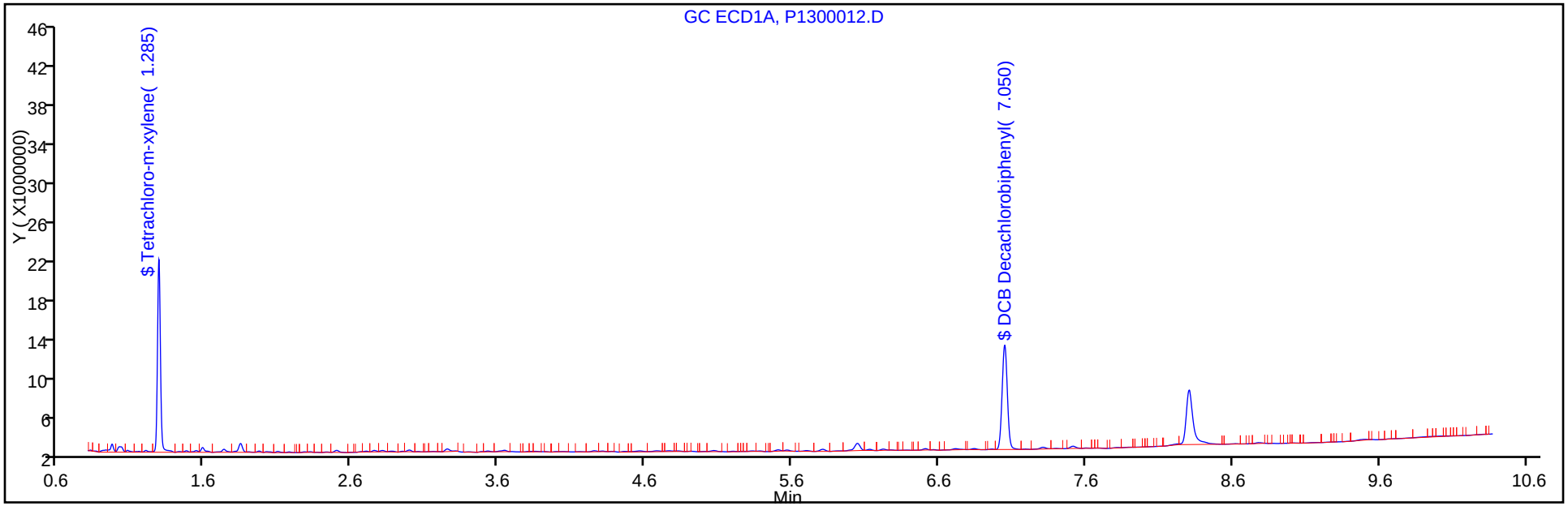
Report Date: 21-Dec-2012 11:50:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

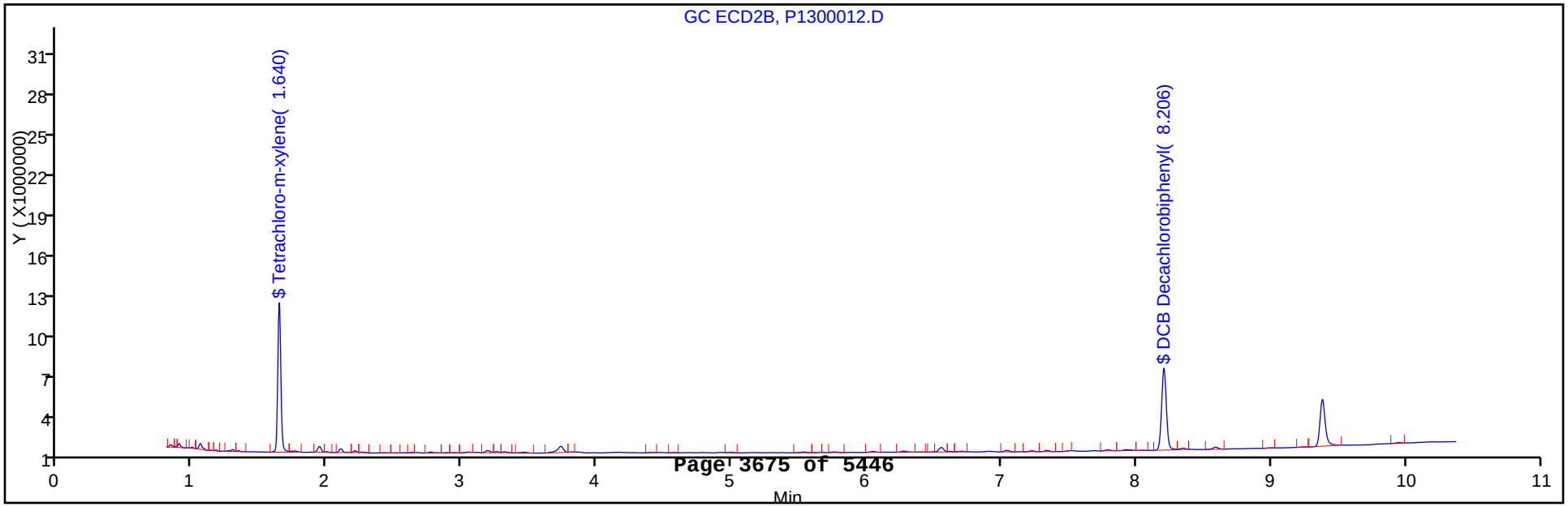
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Injection Date:	20-Dec-2012 16:54:26	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0104M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0105M-0001-SO Lab Sample ID: 240-18544-24

Matrix: Solid Lab File ID: P1300013.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 16:35

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.67(g) Date Analyzed: 12/20/2012 17:09

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	51	25	16
12674-11-2	Aroclor-1016	25	U	66	25	21
11141-16-5	Aroclor-1232	25	U	46	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	56	25	17
11097-69-1	Aroclor-1254	25	U	56	25	17
11096-82-5	Aroclor-1260	25	U	56	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300013.D		
Lims ID:	240-18544-E-24-E	Client ID:	076SB-0105M-0001-SO
Inject. Date:	20-Dec-2012 17:09:22	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-013		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	13
Lims Batch ID:	69521	Lims Sample ID:	13
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: hassl		Date:	21-Dec-2012 11:46:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	30886759	0.0135			
2	2	1.639	1.640	-0.001	20426339	0.0142			
						RPD = 4.93			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.046	0.003	31103553	0.0133			
2	2	8.205	8.205	0.000	17030532	0.0126			
						RPD = 5.23			

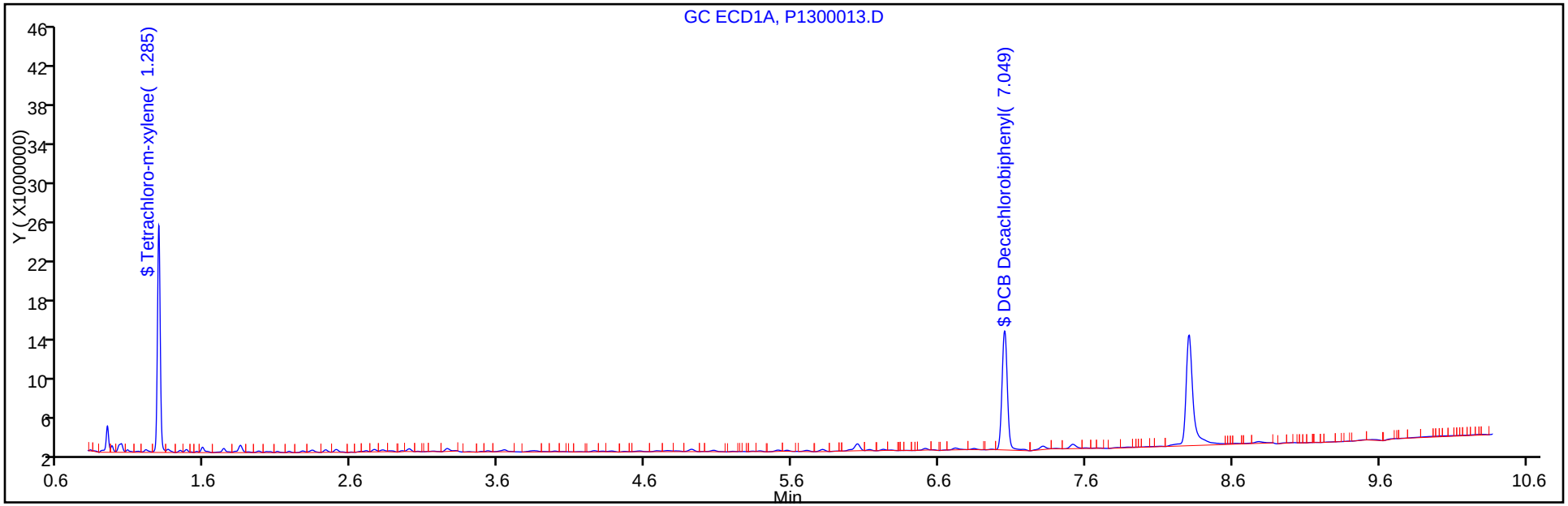
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TestAmerica Canton

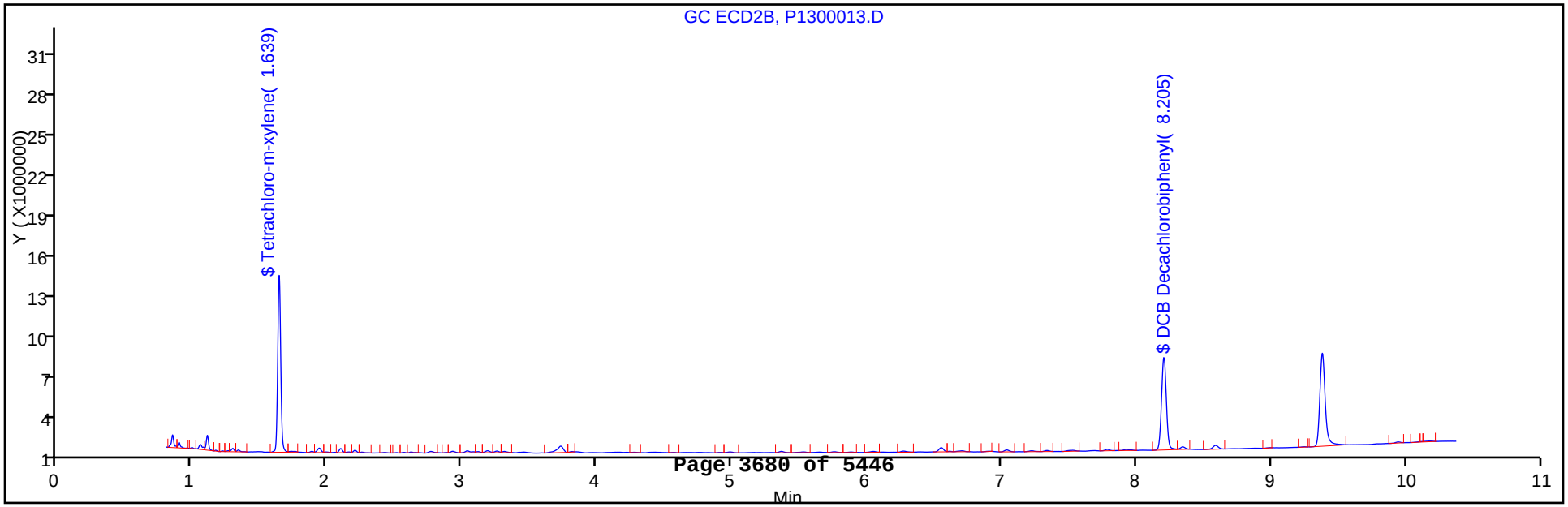
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Injection Date:	20-Dec-2012 17:09:22	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0105M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0105M-0001-SO Lab Sample ID: 240-18544-24

Matrix: Solid Lab File ID: P1300013.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 16:35

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.67(g) Date Analyzed: 12/20/2012 17:09

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		40-140
2051-24-3	DCB Decachlorobiphenyl	63		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300013.D		
Lims ID:	240-18544-E-24-E	Client ID:	076SB-0105M-0001-SO
Inject. Date:	20-Dec-2012 17:09:22	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-013		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	13
Lims Batch ID:	69521	Lims Sample ID:	13
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:18	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: hassl		Date:	21-Dec-2012 11:46:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	30886759	0.0135			
2	2	1.639	1.640	-0.001	20426339	0.0142			
						RPD = 4.93			
3 PCB-1221									
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
6 PCB-1016									
1	100		1.580						
1	2		1.887						
1	3		2.314						
1	4		2.445						
1	5		2.857						
2	6		2.133						
2	7		2.556						
2	8		3.038						
2	9		3.185						
2	10		3.837						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.150						
1	2		4.460						
1	3		4.758						
1	4		5.510						
1	5		5.811						
2	6		5.123						
2	7		5.370						
2	8		5.759						
2	9		6.490						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.046	0.003	31103553	0.0133			
2	2	8.205	8.205	0.000	17030532	0.0126			
						RPD = 5.23			

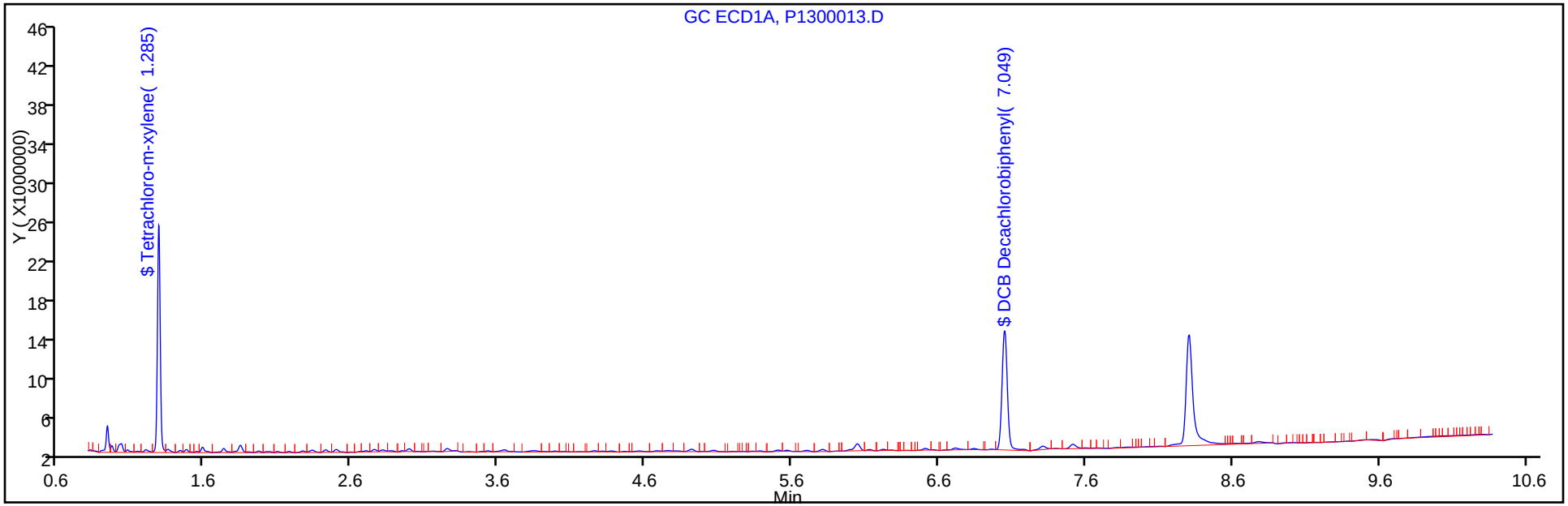
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TestAmerica Canton

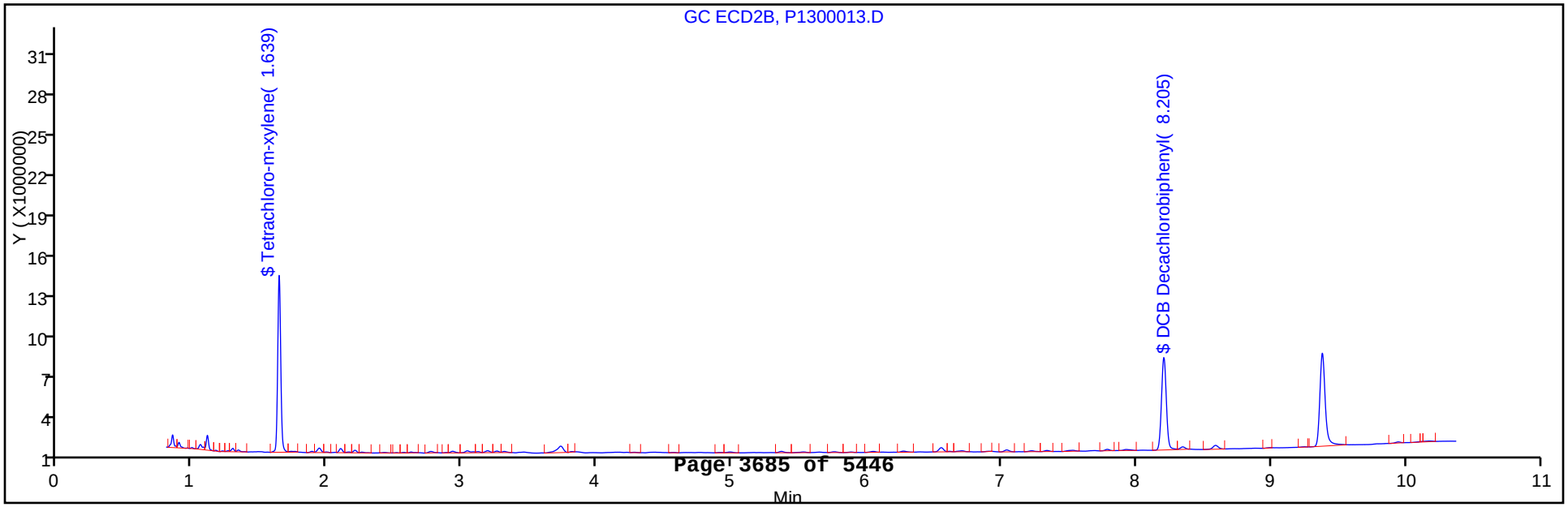
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Injection Date:	20-Dec-2012 17:09:22	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0105M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0106M-0001-SO Lab Sample ID: 240-18544-25

Matrix: Solid Lab File ID: P1300016.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 16:25

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.97(g) Date Analyzed: 12/20/2012 17:54

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	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	75		40-140
2051-24-3	DCB Decachlorobiphenyl	68		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300016.D		
Lims ID:	240-18544-E-25-E	Client ID:	076SB-0106M-0001-SO
Inject. Date:	20-Dec-2012 17:54:13	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	16
Lims Batch ID:	69521	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:00

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	34242619	0.0150			
2	2	1.638	1.638	0.000	22977969	0.0160			
						RPD = 6.39			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									1
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.048	0.000	31532489	0.0135			
2	2	8.206	8.205	0.001	17449941	0.0130			
						RPD = 4.16			

QC Flag Legend

Processing Flags
1 - Missing Peaks

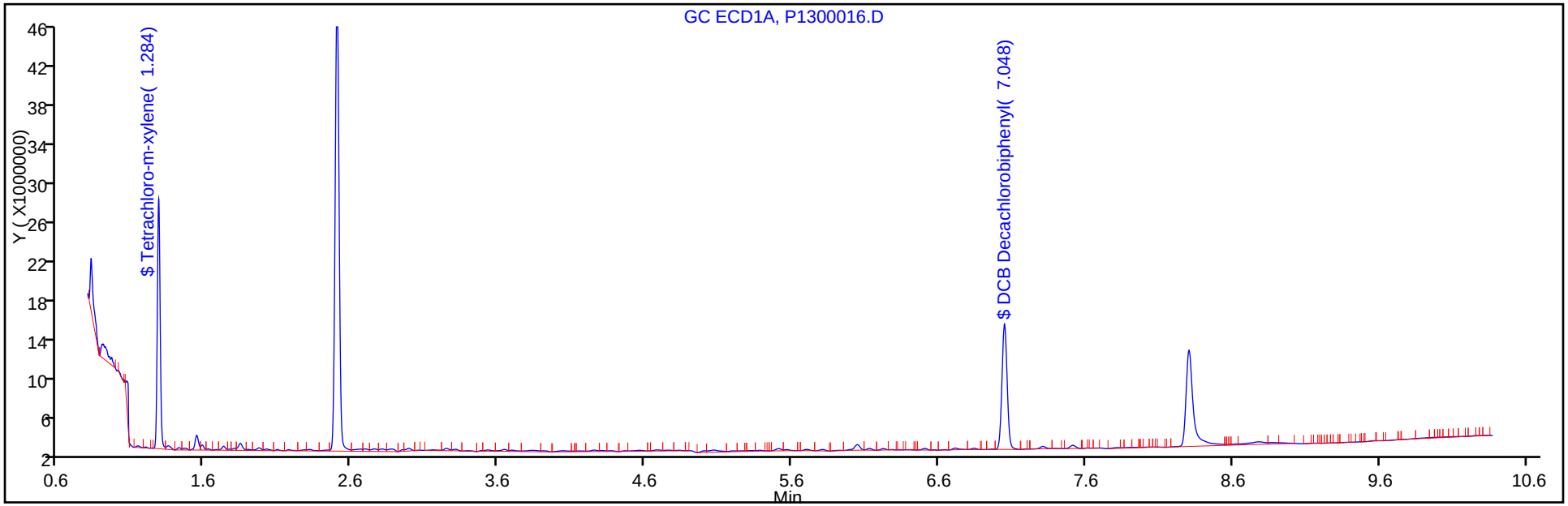
Report Date: 21-Dec-2012 11:50:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

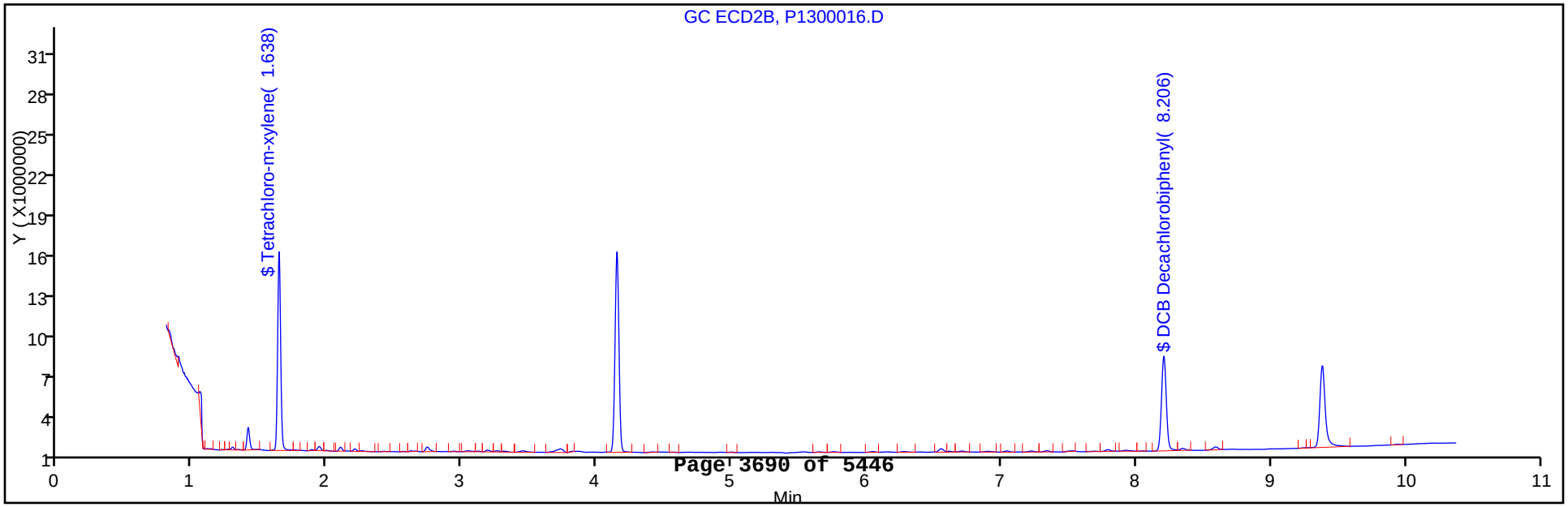
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Injection Date:	20-Dec-2012 17:54:13	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0106M-0001-SO Lab Sample ID: 240-18544-25

Matrix: Solid Lab File ID: P1300016.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 16:25

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.97(g) Date Analyzed: 12/20/2012 17:54

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	80		40-140
2051-24-3	DCB Decachlorobiphenyl	65		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300016.D		
Lims ID:	240-18544-E-25-E	Client ID:	076SB-0106M-0001-SO
Inject. Date:	20-Dec-2012 17:54:13	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	16
Lims Batch ID:	69521	Lims Sample ID:	16
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:00

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	34242619	0.0150			
2	2	1.638	1.638	0.000	22977969	0.0160			
						RPD = 6.39			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									1
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.048	0.000	31532489	0.0135			
2	2	8.206	8.205	0.001	17449941	0.0130			
						RPD = 4.16			

QC Flag Legend

Processing Flags
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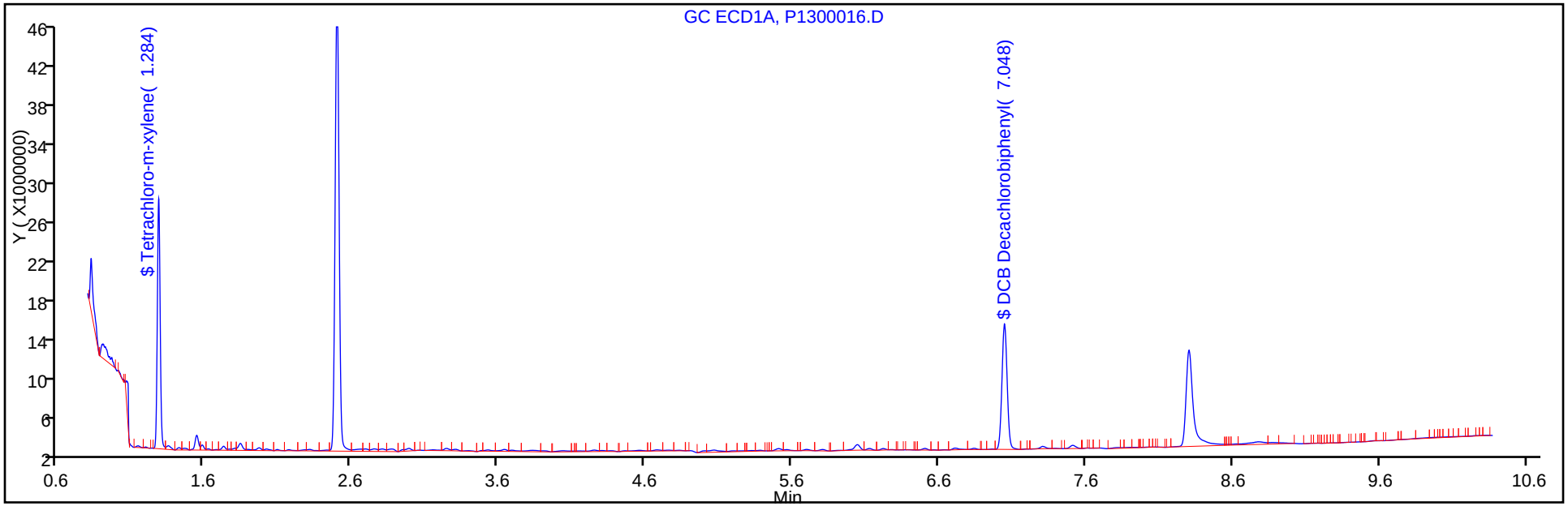
Report Date: 21-Dec-2012 11:50:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

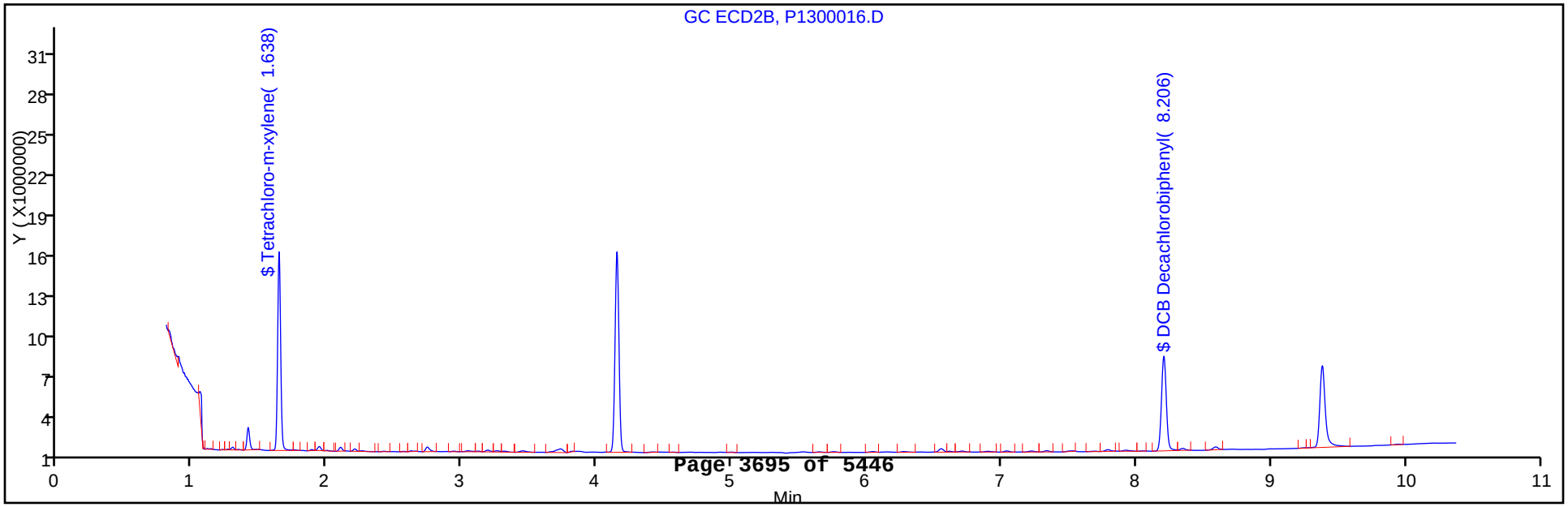
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Injection Date:	20-Dec-2012 17:54:13	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0106M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	16
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0107M-0001-SO | Lab Sample ID: 240-18544-26

Matrix: Solid | Lab File ID: P1300017.D

Analysis Method: 8082/DOD | Date Collected: 12/06/2012 16:25

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.88(g) | Date Analyzed: 12/20/2012 18:09

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

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

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

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
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	86		40-140
2051-24-3	DCB Decachlorobiphenyl	76		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300017.D		
Lims ID:	240-18544-E-26-E	Client ID:	076SB-0107M-0001-SO
Inject. Date:	20-Dec-2012 18:09:10	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	17
Lims Batch ID:	69521	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:08

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	39116150	0.0171			
2	2	1.639	1.638	0.001	25376091	0.0177			
						RPD = 3.01			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.050	7.048	0.002	35295020	0.0151			
2	2	8.206	8.205	0.001	20191377	0.0150			
						RPD = 0.84			

QC Flag Legend

Processing Flags
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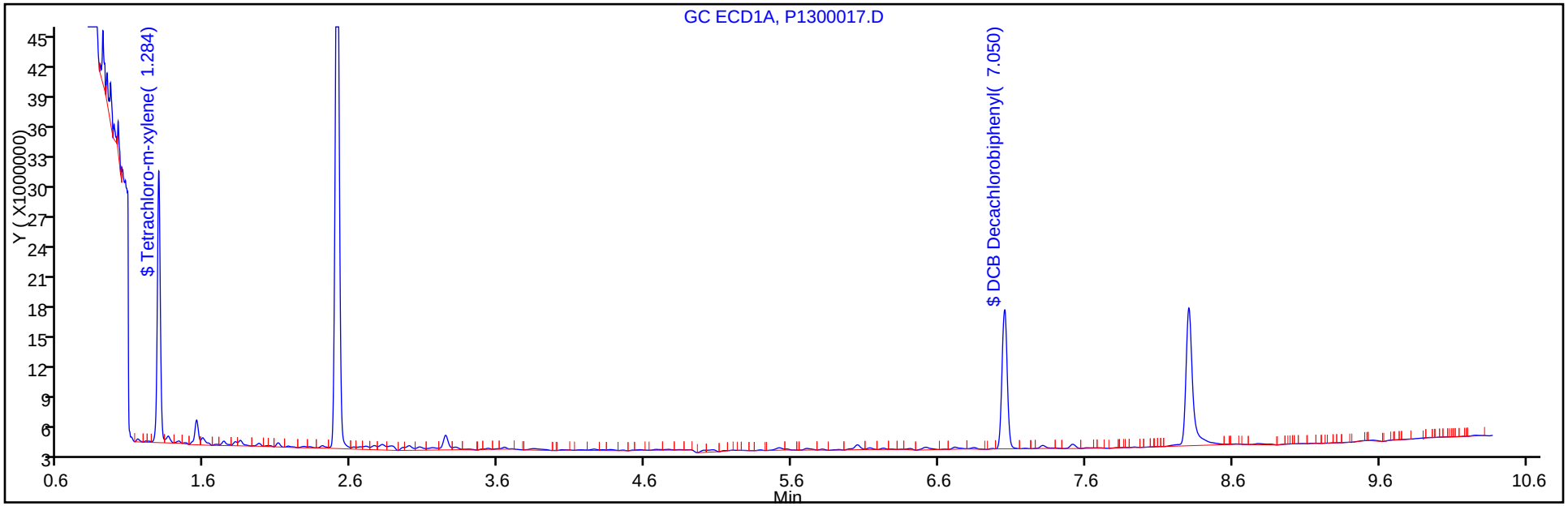
Report Date: 21-Dec-2012 11:50:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

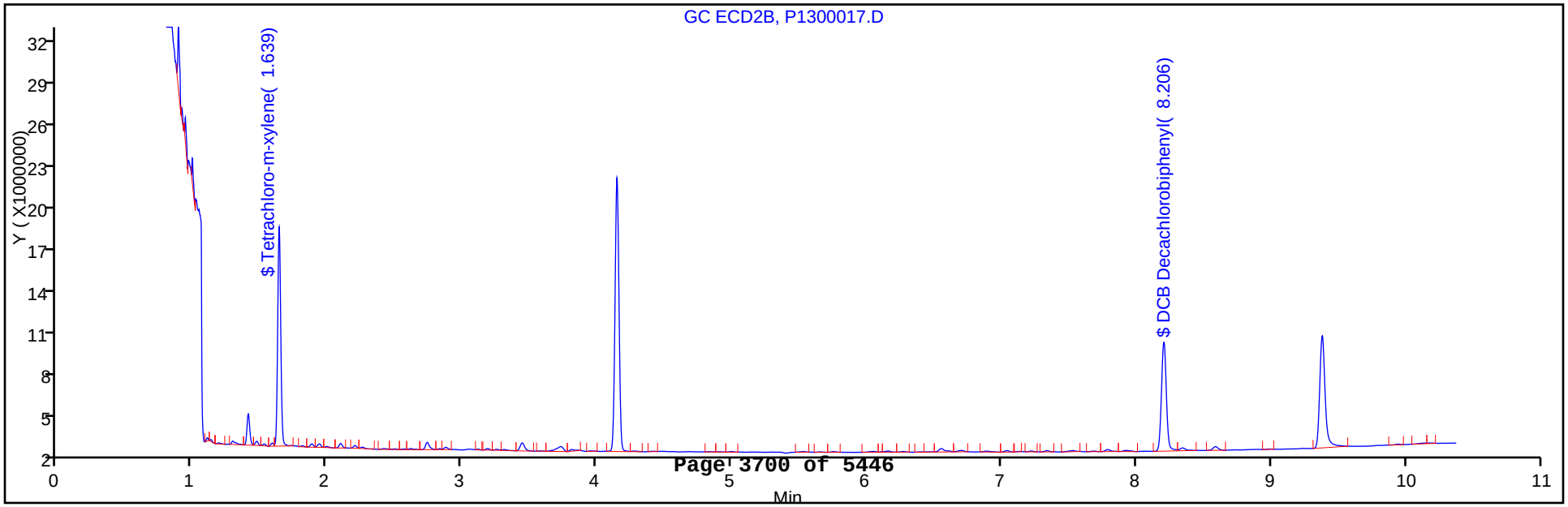
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Injection Date:	20-Dec-2012 18:09:10	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0107M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0107M-0001-SO Lab Sample ID: 240-18544-26

Matrix: Solid Lab File ID: P1300017.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 16:25

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.88(g) Date Analyzed: 12/20/2012 18:09

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	88		40-140
2051-24-3	DCB Decachlorobiphenyl	75		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300017.D		
Lims ID:	240-18544-E-26-E	Client ID:	076SB-0107M-0001-SO
Inject. Date:	20-Dec-2012 18:09:10	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	17
Lims Batch ID:	69521	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:08

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	39116150	0.0171			
2	2	1.639	1.638	0.001	25376091	0.0177			
						RPD = 3.01			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.050	7.048	0.002	35295020	0.0151			
2	2	8.206	8.205	0.001	20191377	0.0150			
						RPD = 0.84			

QC Flag Legend

Processing Flags
1 - Missing Peaks

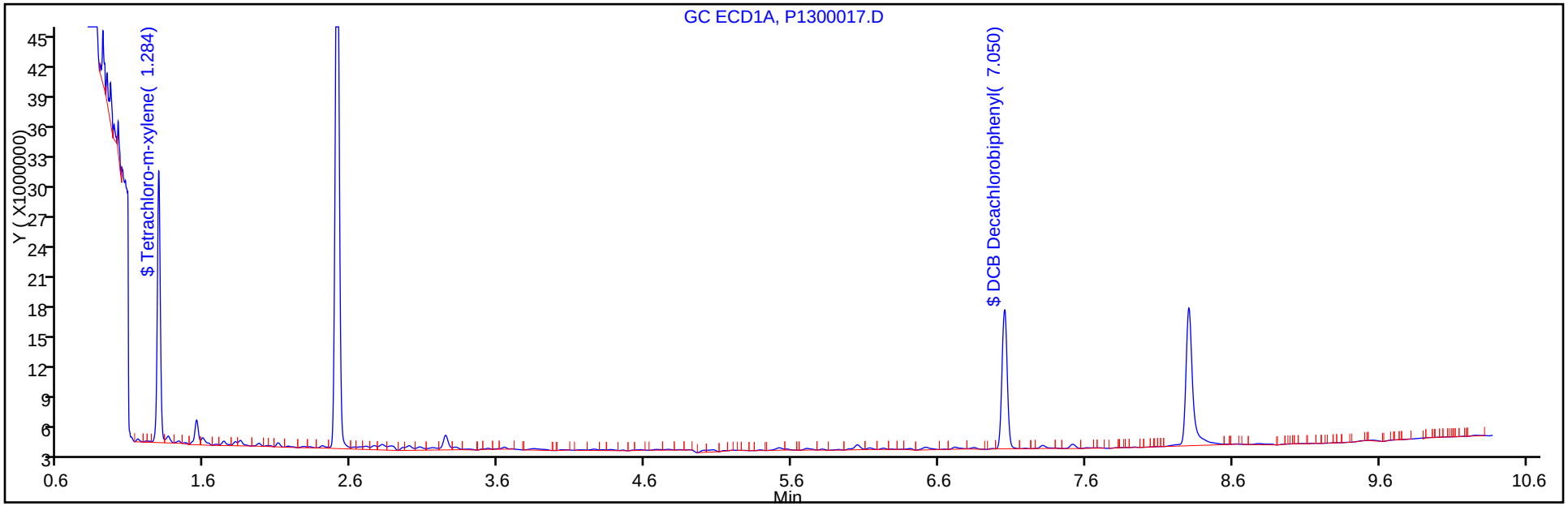
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TestAmerica Canton

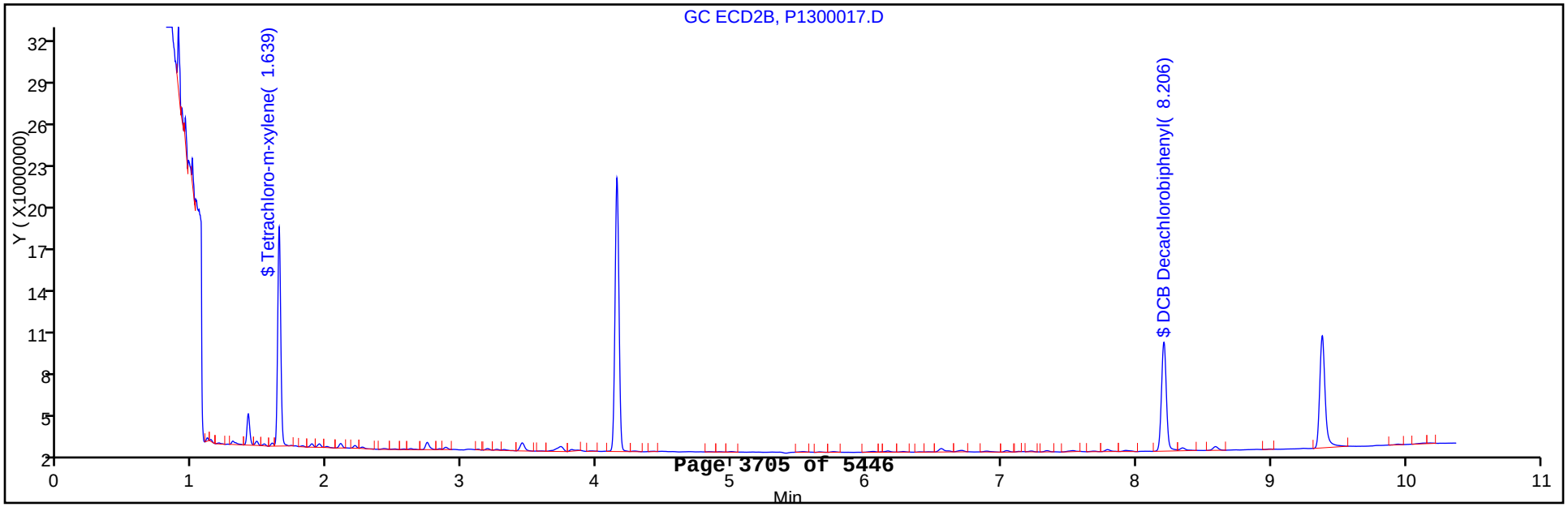
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Injection Date:	20-Dec-2012 18:09:10	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0107M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	17
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0108M-0001-SO Lab Sample ID: 240-18544-27

Matrix: Solid Lab File ID: P1300018.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 15:50

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.89(g) Date Analyzed: 12/20/2012 18:24

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	25	U	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	70		40-140
2051-24-3	DCB Decachlorobiphenyl	65		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300018.D		
Lims ID:	240-18544-E-27-E	Client ID:	076SB-0108M-0001-SO
Inject. Date:	20-Dec-2012 18:24:06	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	18
Lims Batch ID:	69521	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:14

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	31937669	0.0140			
2	2	1.638	1.638	0.000	20804011	0.0145			
						RPD = 3.42			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.048	0.001	30265169	0.0130			
2	2	8.205	8.205	0.000	16935557	0.0126			
						RPD = 3.05			

QC Flag Legend

Processing Flags
1 - Missing Peaks

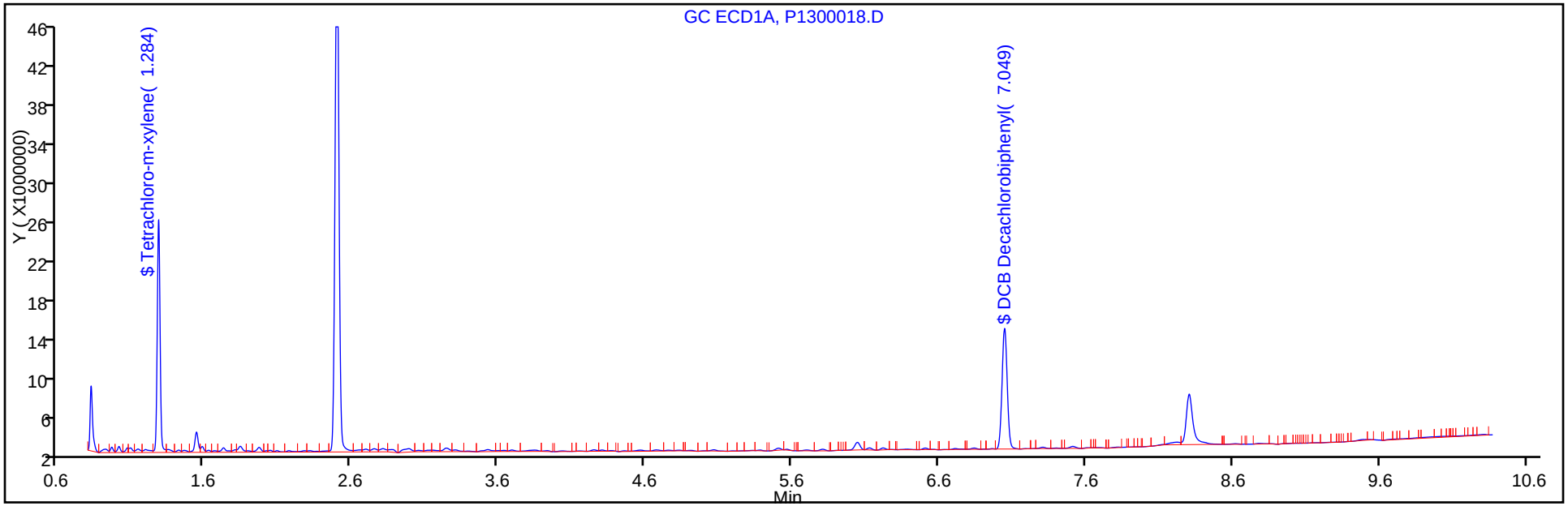
Report Date: 21-Dec-2012 11:50:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

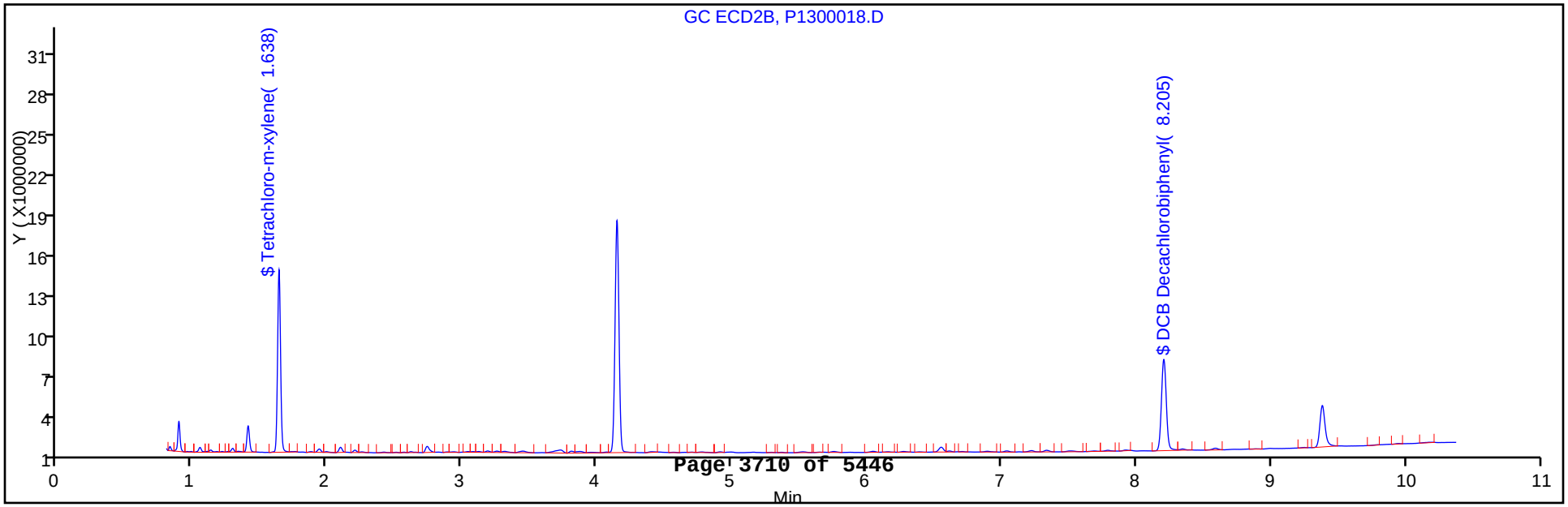
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300018.D

Injection Date:	20-Dec-2012 18:24:06	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0108M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	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



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0108M-0001-SO Lab Sample ID: 240-18544-27

Matrix: Solid Lab File ID: P1300018.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 15:50

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.89(g) Date Analyzed: 12/20/2012 18:24

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		40-140
2051-24-3	DCB Decachlorobiphenyl	63		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300018.D		
Lims ID:	240-18544-E-27-E	Client ID:	076SB-0108M-0001-SO
Inject. Date:	20-Dec-2012 18:24:06	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	18
Lims Batch ID:	69521	Lims Sample ID:	18
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:14

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	31937669	0.0140			
2	2	1.638	1.638	0.000	20804011	0.0145			
						RPD = 3.42			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.048	0.001	30265169	0.0130			
2	2	8.205	8.205	0.000	16935557	0.0126			
						RPD = 3.05			

QC Flag Legend

Processing Flags
1 - Missing Peaks

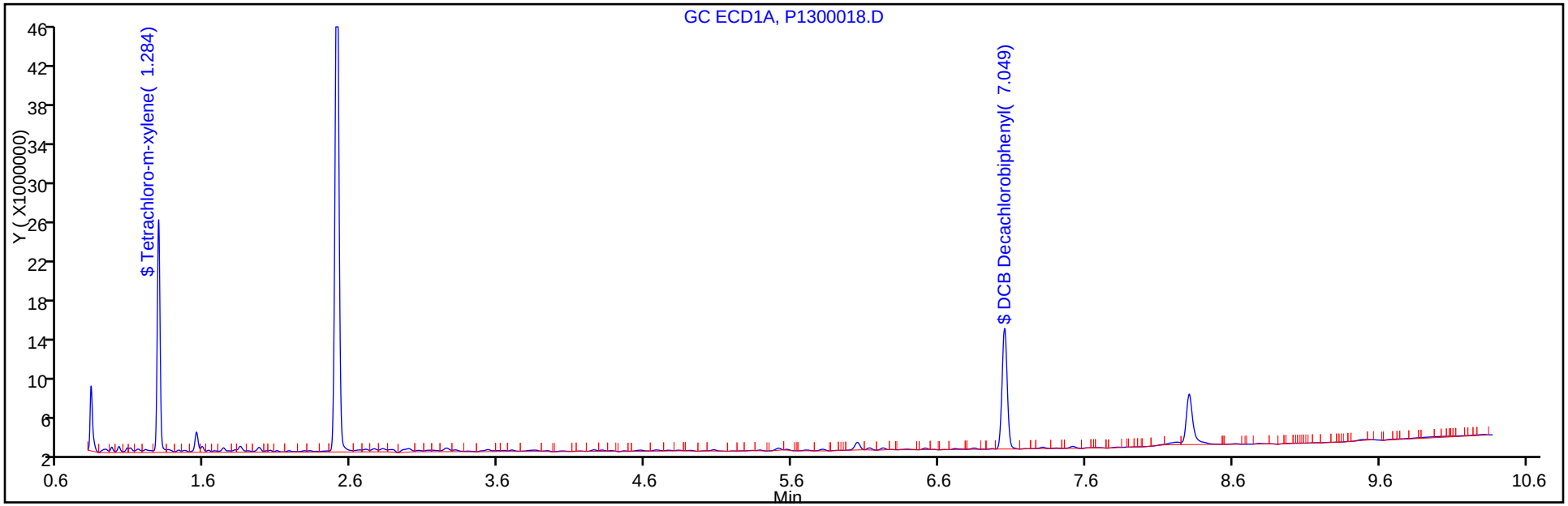
Report Date: 21-Dec-2012 11:50:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

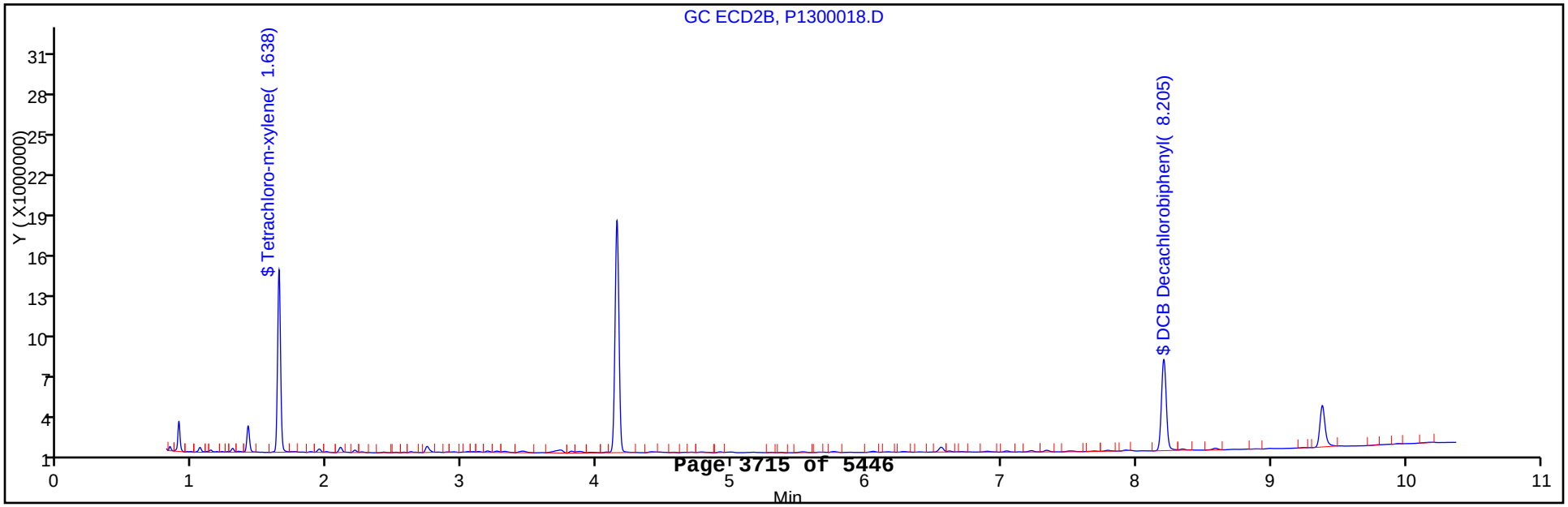
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Injection Date:	20-Dec-2012 18:24:06	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0108M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0109M-0001-SO | Lab Sample ID: 240-18544-28

Matrix: Solid | Lab File ID: P1300019.D

Analysis Method: 8082/DOD | Date Collected: 12/06/2012 16:05

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.10(g) | Date Analyzed: 12/20/2012 18:39

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

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

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

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	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	67		40-140
2051-24-3	DCB Decachlorobiphenyl	61		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300019.D		
Lims ID:	240-18544-E-28-E	Client ID:	076SB-0109M-0001-SO
Inject. Date:	20-Dec-2012 18:39:09	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-019		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	19
Lims Batch ID:	69521	Lims Sample ID:	19
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:21

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.284	0.001	30501739	0.0134			
2	2	1.640	1.638	0.002	19825863	0.0138			
						RPD = 3.20			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.050	7.048	0.002	28670769	0.0123			
2	2	8.205	8.205	0.000	16223016	0.0120			
						RPD = 1.94			

QC Flag Legend

Processing Flags
1 - Missing Peaks

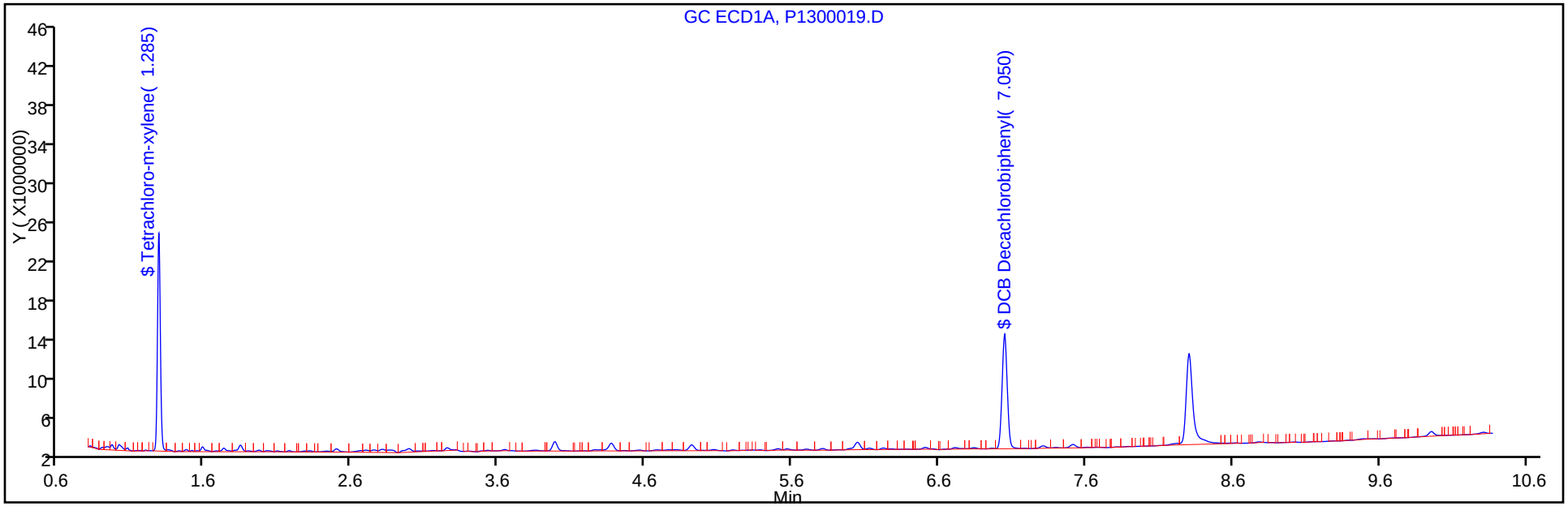
Report Date: 21-Dec-2012 11:50:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

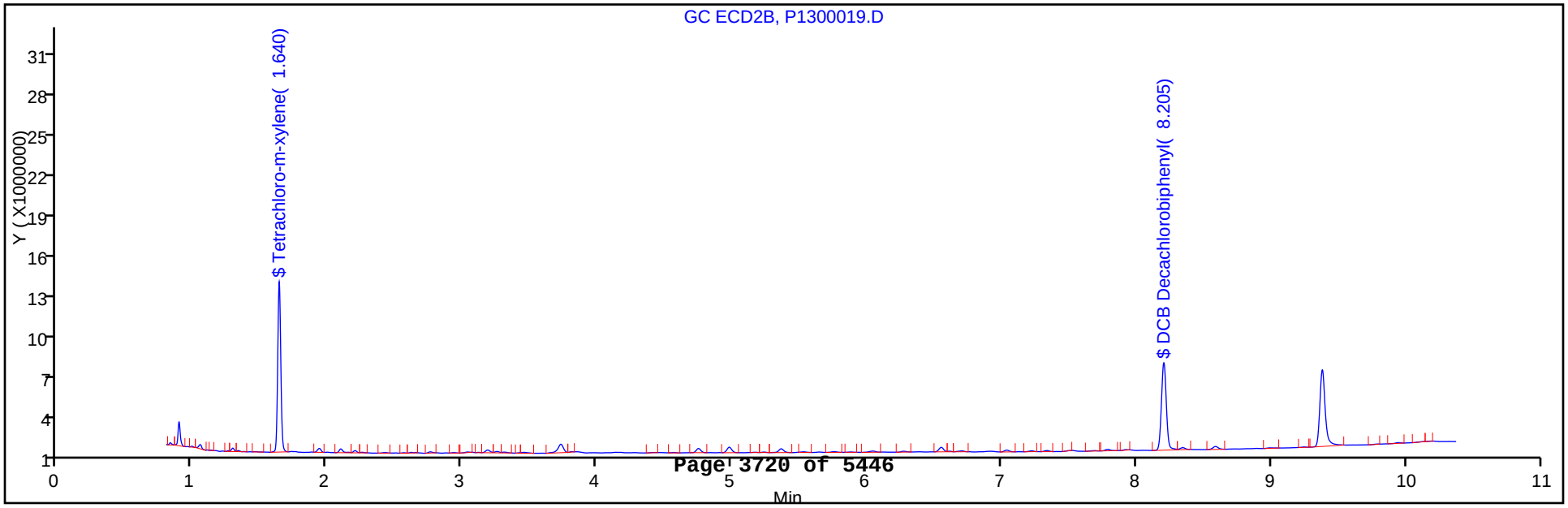
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300019.D

Injection Date:	20-Dec-2012 18:39:09	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0109M-0001-SO Lab Sample ID: 240-18544-28

Matrix: Solid Lab File ID: P1300019.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 16:05

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.10(g) Date Analyzed: 12/20/2012 18:39

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	69		40-140
2051-24-3	DCB Decachlorobiphenyl	60		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300019.D		
Lims ID:	240-18544-E-28-E	Client ID:	076SB-0109M-0001-SO
Inject. Date:	20-Dec-2012 18:39:09	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-019		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	19
Lims Batch ID:	69521	Lims Sample ID:	19
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:21

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.284	0.001	30501739	0.0134			
2	2	1.640	1.638	0.002	19825863	0.0138			
						RPD = 3.20			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.050	7.048	0.002	28670769	0.0123			
2	2	8.205	8.205	0.000	16223016	0.0120			
						RPD = 1.94			

QC Flag Legend

Processing Flags
1 - Missing Peaks

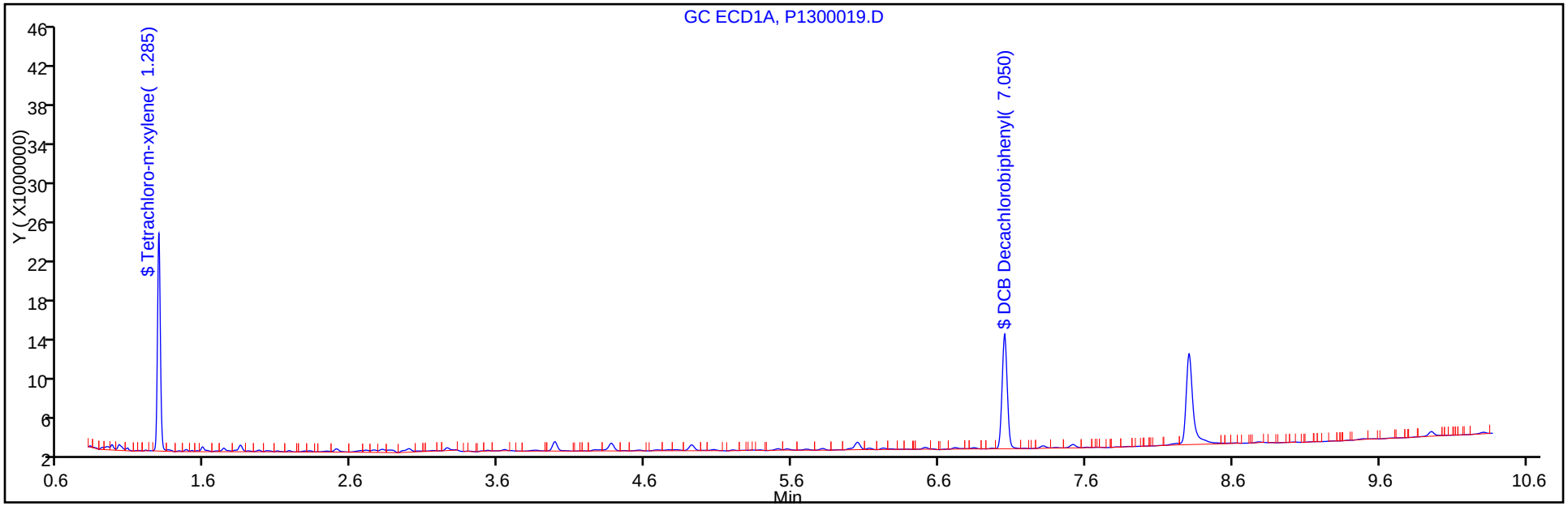
Report Date: 21-Dec-2012 11:50:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

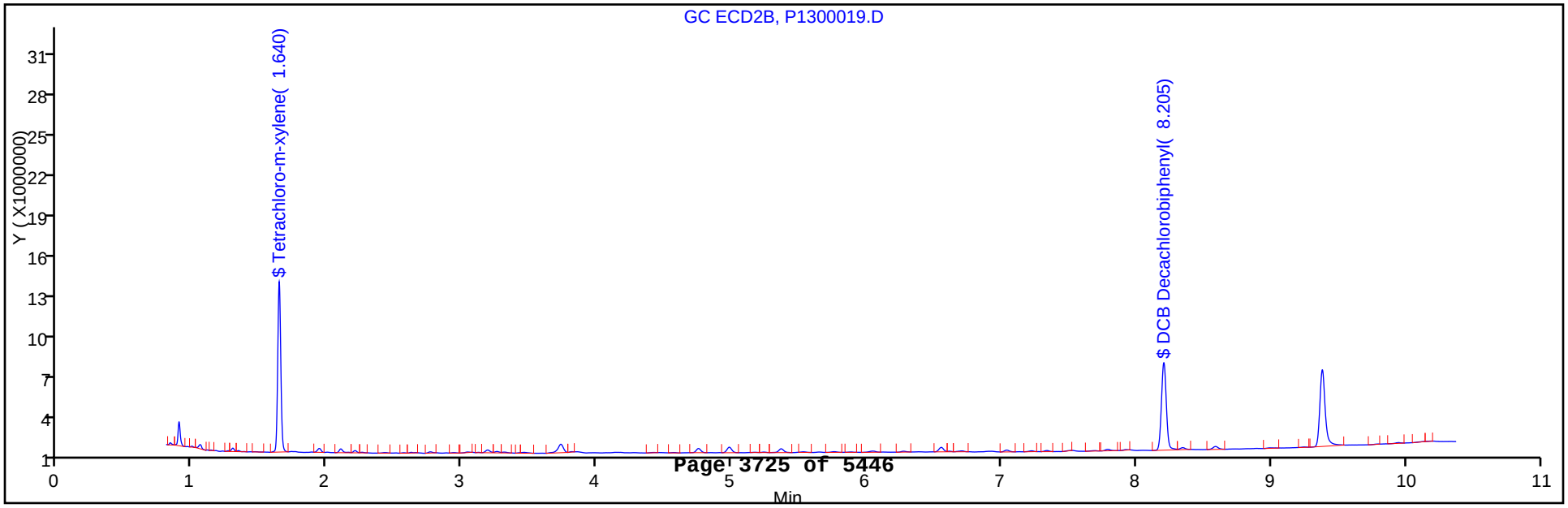
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300019.D

Injection Date:	20-Dec-2012 18:39:09	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0109M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0110M-0001-SO | Lab Sample ID: 240-18544-29

Matrix: Solid | Lab File ID: P1300020.D

Analysis Method: 8082/DOD | Date Collected: 12/06/2012 17:04

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.16(g) | Date Analyzed: 12/20/2012 18:54

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

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

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

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	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	70		40-140
2051-24-3	DCB Decachlorobiphenyl	65		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300020.D		
Lims ID:	240-18544-E-29-E	Client ID:	076SB-0110M-0001-SO
Inject. Date:	20-Dec-2012 18:54:07	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-020		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	20
Lims Batch ID:	69521	Lims Sample ID:	20
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:28

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.284	0.001	32177030	0.0141			
2	2	1.640	1.638	0.002	21070181	0.0147			
						RPD = 3.94			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.048	0.001	30284737	0.0130			
2	2	8.205	8.205	0.000	18158931	0.0135			
						RPD = 3.86			

QC Flag Legend

Processing Flags
1 - Missing Peaks

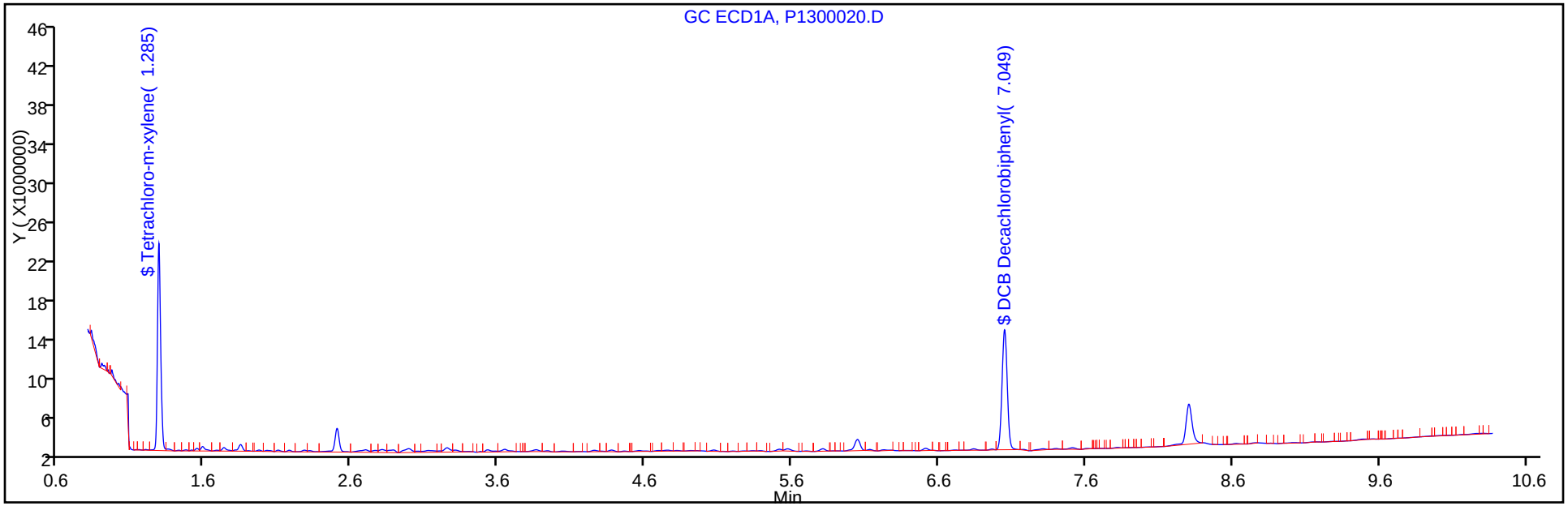
Report Date: 21-Dec-2012 11:50:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

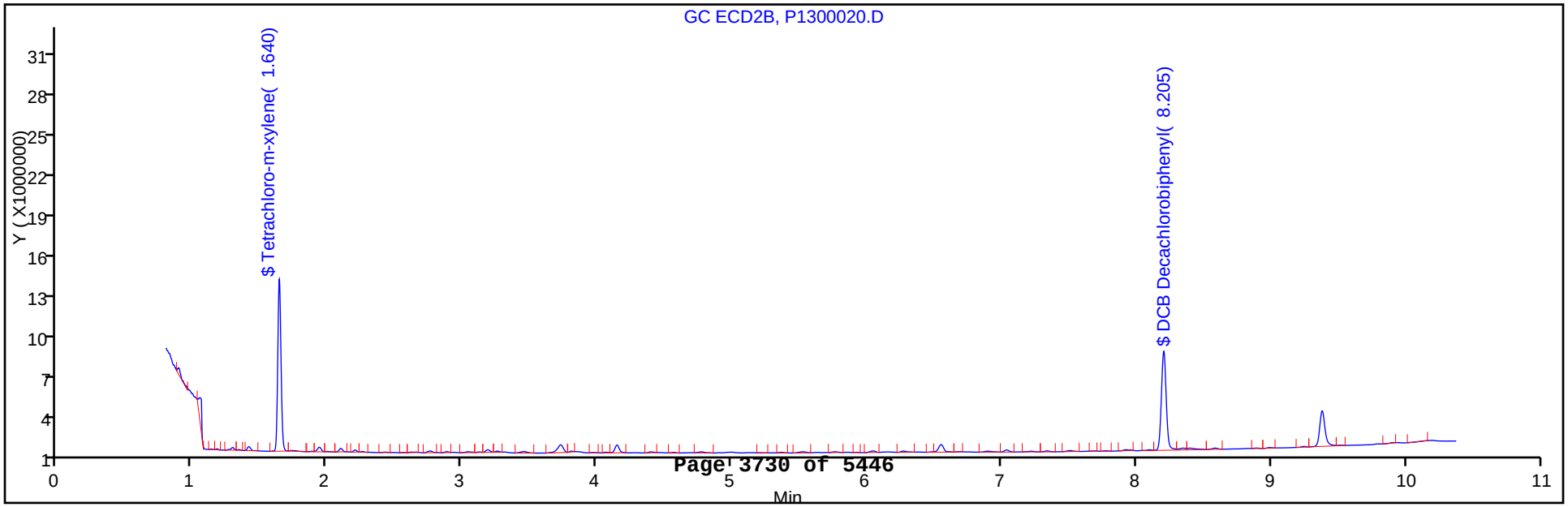
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Injection Date:	20-Dec-2012 18:54:07	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0110M-0001-SO Lab Sample ID: 240-18544-29

Matrix: Solid Lab File ID: P1300020.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 17:04

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.16(g) Date Analyzed: 12/20/2012 18:54

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300020.D		
Lims ID:	240-18544-E-29-E	Client ID:	076SB-0110M-0001-SO
Inject. Date:	20-Dec-2012 18:54:07	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-020		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	20
Lims Batch ID:	69521	Lims Sample ID:	20
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:28

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.284	0.001	32177030	0.0141			
2	2	1.640	1.638	0.002	21070181	0.0147			
						RPD = 3.94			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.048	0.001	30284737	0.0130			
2	2	8.205	8.205	0.000	18158931	0.0135			
						RPD = 3.86			

QC Flag Legend

Processing Flags
1 - Missing Peaks

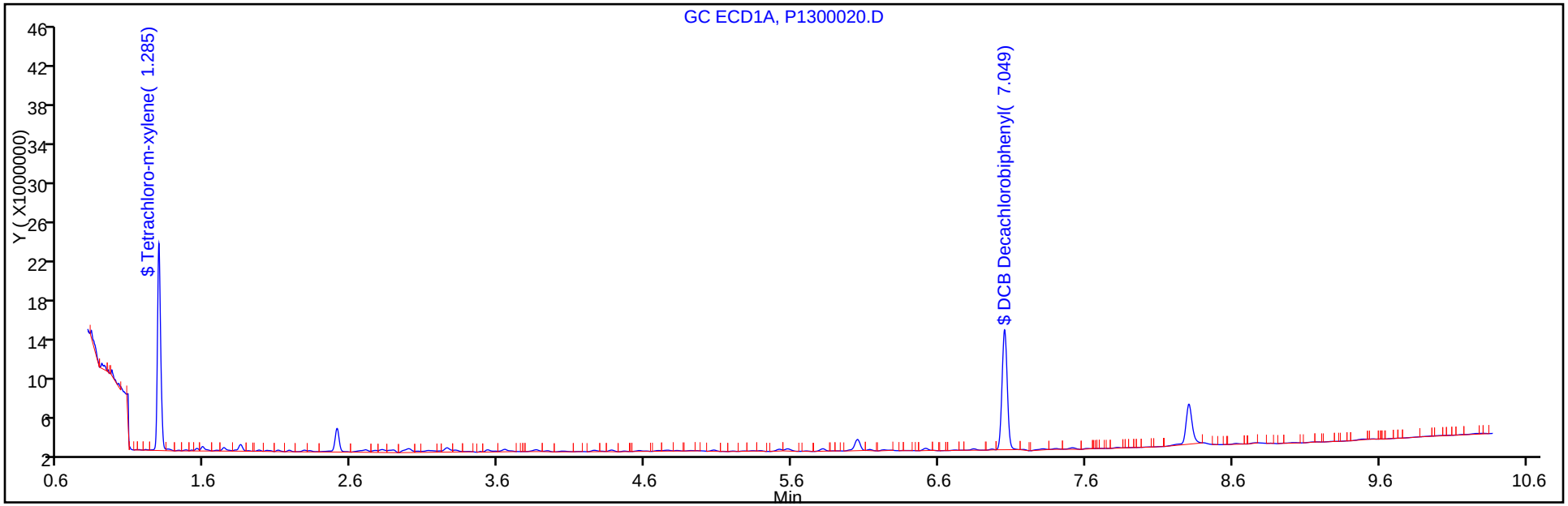
Report Date: 21-Dec-2012 11:50:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

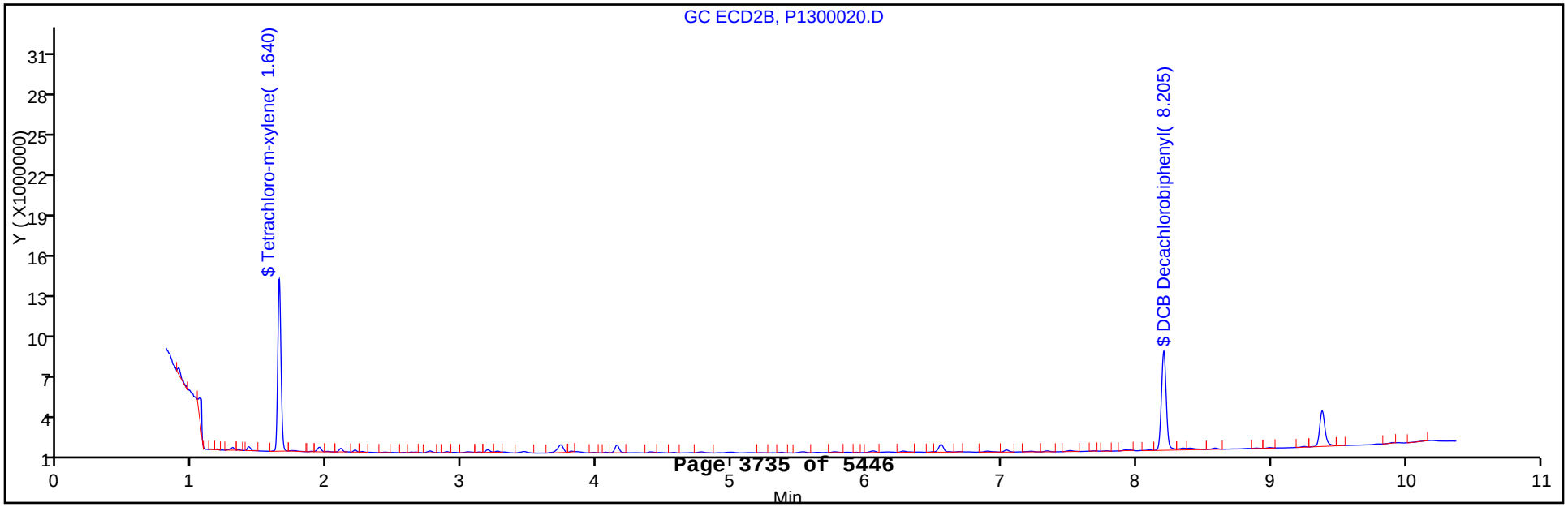
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Injection Date:	20-Dec-2012 18:54:07	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0110M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO | Lab Sample ID: 240-18544-31

Matrix: Solid | Lab File ID: P1300021.D

Analysis Method: 8082/DOD | Date Collected: 12/06/2012 17:25

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.76(g) | Date Analyzed: 12/20/2012 19:09

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

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

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

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	66	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	77		55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300021.D		
Lims ID:	240-18544-E-31-E	Client ID:	076SB-0112M-0001-SO
Inject. Date:	20-Dec-2012 19:09:06	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-021		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	21
Lims Batch ID:	69521	Lims Sample ID:	21
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:51

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.284	0.001	35221728	0.0154			
2	2	1.639	1.638	0.001	21836515	0.0152			
						RPD = 1.52			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									M
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									M
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	4.150	4.151	-0.001	16494289	0.1627		100.0	
1	2	4.462	4.460	0.002	47442536	0.2365	175.1- 225.1	287.6	
1	3	4.759	4.759	0.000	55932026	0.2796	173.2- 223.2	339.1	
1	4	5.512	5.509	0.003	60282755	0.2218	244.1- 294.1	365.5	
1	5	5.813	5.813	0.000	32386016	0.2508	101.5- 151.5	196.3	
			Average of Peak Amounts =			0.2303			
2	6	5.124	5.123	0.001	10269055	0.1541		100.0	M
2	7	5.371	5.372	-0.001	22157952	0.2721	86.6- 146.6	215.8	M
2	8	5.758	5.759	-0.001	32690392	0.2798	142.9- 202.9	318.3	M
2	9	6.491	6.491	0.000	36775863	0.2585	179.5- 239.5	358.1	M
2	10	6.893	6.893	0.000	31006426	0.2978	121.8- 181.8	301.9	M
			Average of Peak Amounts =			0.2524			
						RPD = 9.18			
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.048	0.000	31078516	0.0133			
2	2	8.205	8.205	0.000	18052767	0.0134			
						RPD = 0.68			

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

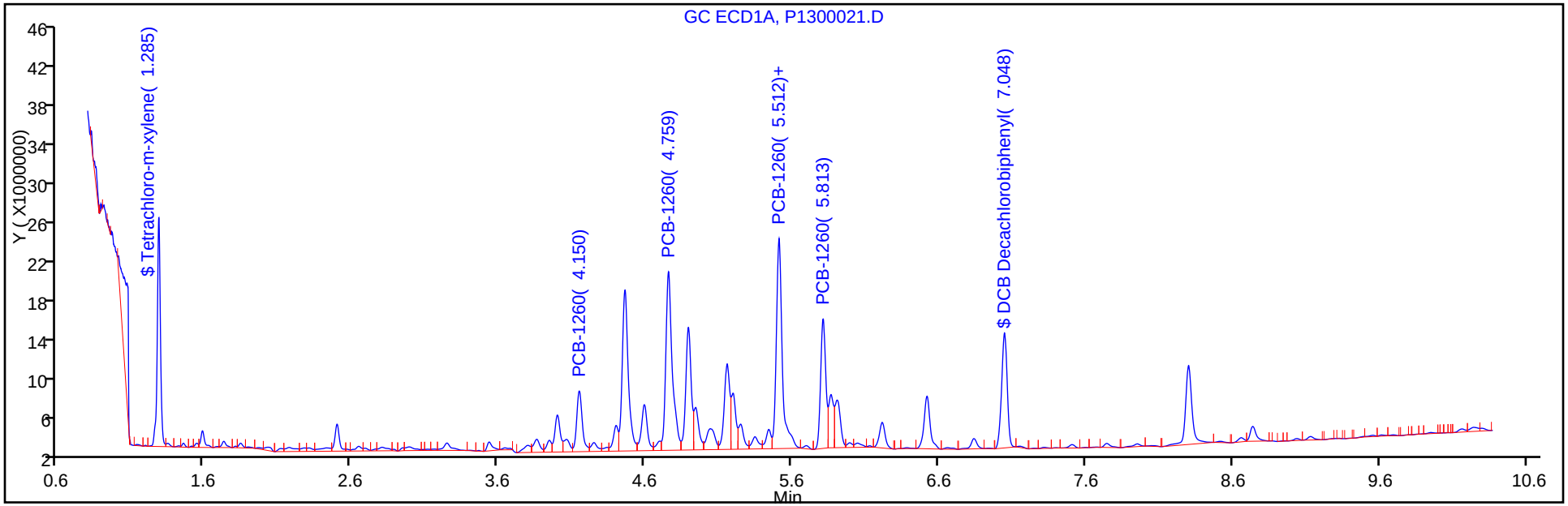
Report Date: 21-Dec-2012 11:50:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

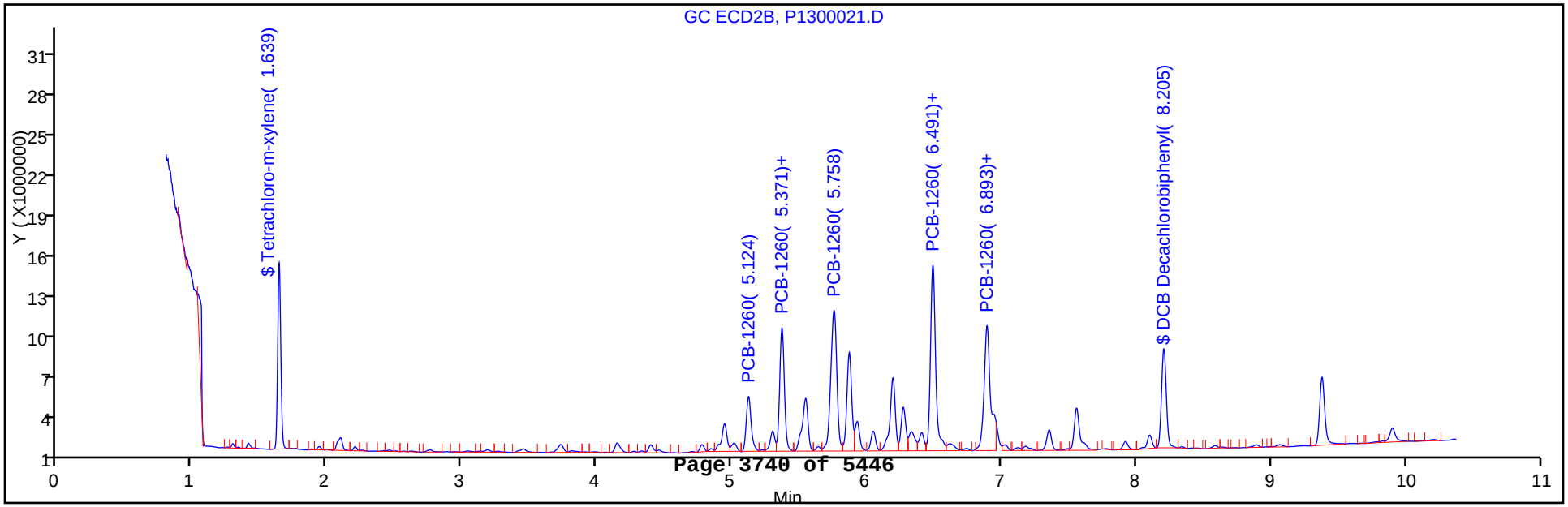
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300021.D

Injection Date:	20-Dec-2012 19:09:06	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 21-Dec-2012 11:50:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

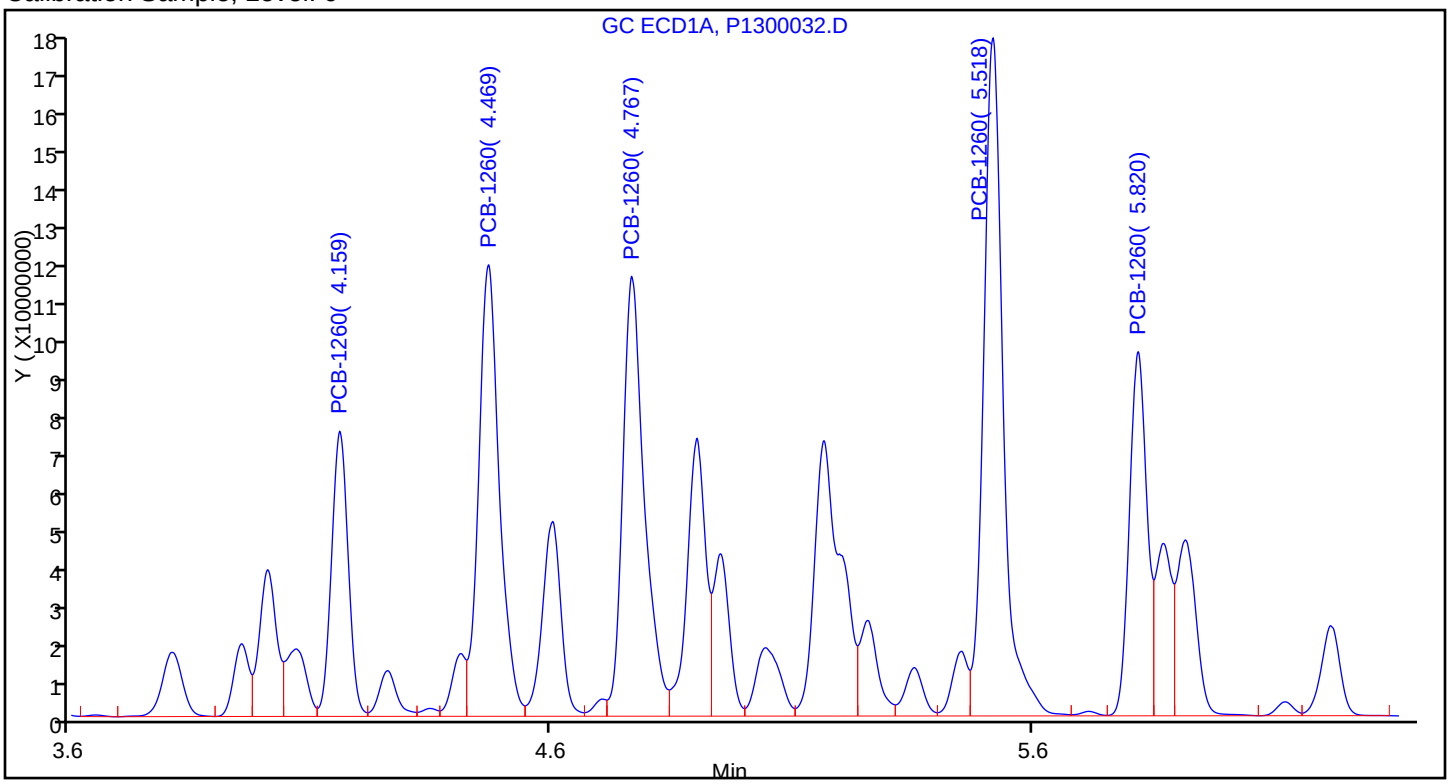
TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300021.D

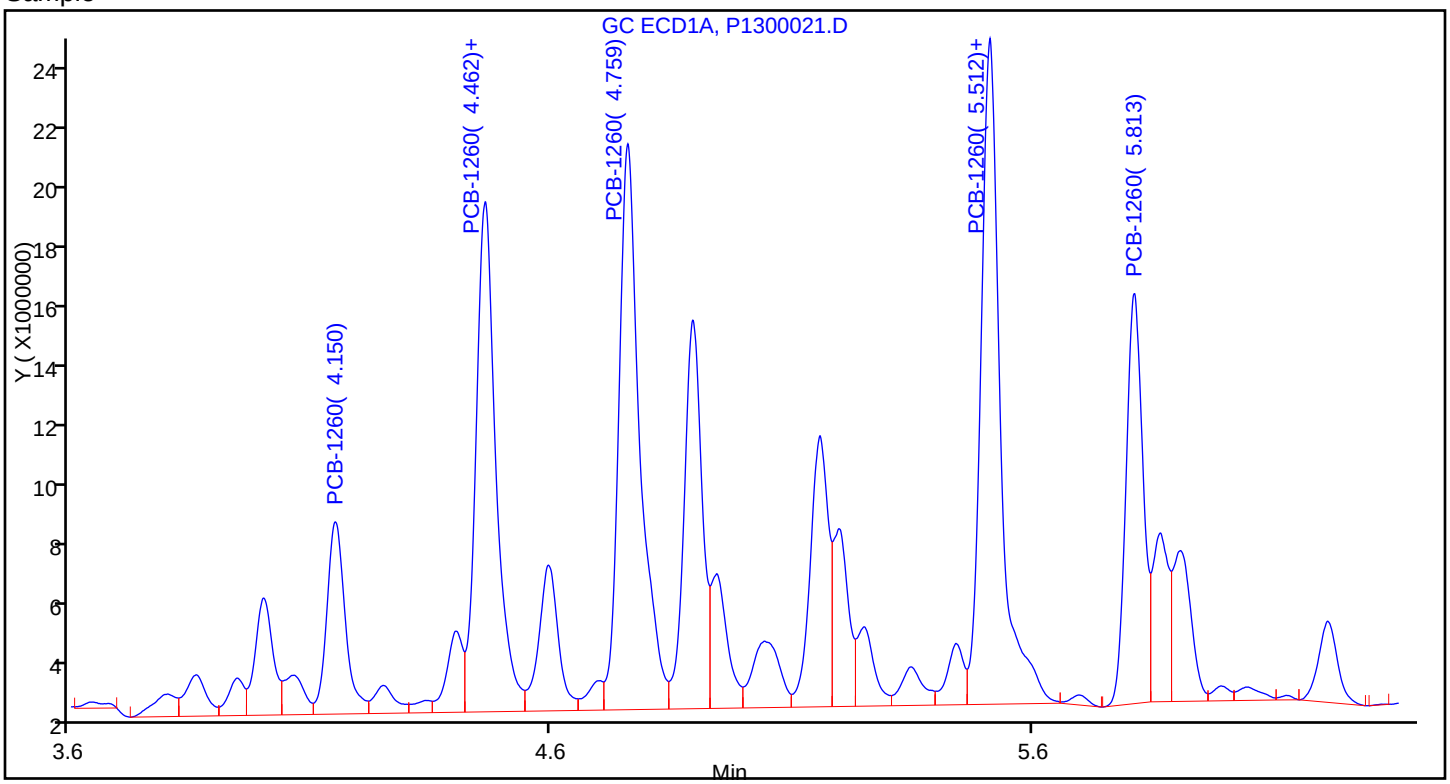
Injection Date:	20-Dec-2012 19:09:06	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 1, GC ECD1A

Calibration Sample, Level: 6



Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0112M-0001-SO Lab Sample ID: 240-18544-31

Matrix: Solid Lab File ID: P1300021.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 17:25

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.76(g) Date Analyzed: 12/20/2012 19:09

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		40-140
2051-24-3	DCB Decachlorobiphenyl	67		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300021.D		
Lims ID:	240-18544-E-31-E	Client ID:	076SB-0112M-0001-SO
Inject. Date:	20-Dec-2012 19:09:06	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-021		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	21
Lims Batch ID:	69521	Lims Sample ID:	21
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:51

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.284	0.001	35221728	0.0154			
2	2	1.639	1.638	0.001	21836515	0.0152			
						RPD = 1.52			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6	PCB-1016								
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4	PCB-1232								
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7	PCB-1248								M
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8	PCB-1254								M
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									M
1	100	4.150	4.151	-0.001	16494289	0.1627		100.0	
1	2	4.462	4.460	0.002	47442536	0.2365	175.1- 225.1	287.6	
1	3	4.759	4.759	0.000	55932026	0.2796	173.2- 223.2	339.1	
1	4	5.512	5.509	0.003	60282755	0.2218	244.1- 294.1	365.5	
1	5	5.813	5.813	0.000	32386016	0.2508	101.5- 151.5	196.3	
			Average of Peak Amounts =			0.2303			
2	6	5.124	5.123	0.001	10269055	0.1541		100.0	M
2	7	5.371	5.372	-0.001	22157952	0.2721	86.6- 146.6	215.8	M
2	8	5.758	5.759	-0.001	32690392	0.2798	142.9- 202.9	318.3	M
2	9	6.491	6.491	0.000	36775863	0.2585	179.5- 239.5	358.1	M
2	10	6.893	6.893	0.000	31006426	0.2978	121.8- 181.8	301.9	M
			Average of Peak Amounts =			0.2524			
						RPD = 9.18			
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.048	0.000	31078516	0.0133			
2	2	8.205	8.205	0.000	18052767	0.0134			
						RPD = 0.68			

QC Flag Legend

Processing Flags
1 - Missing Peaks

Review Flags
M - Manually Integrated

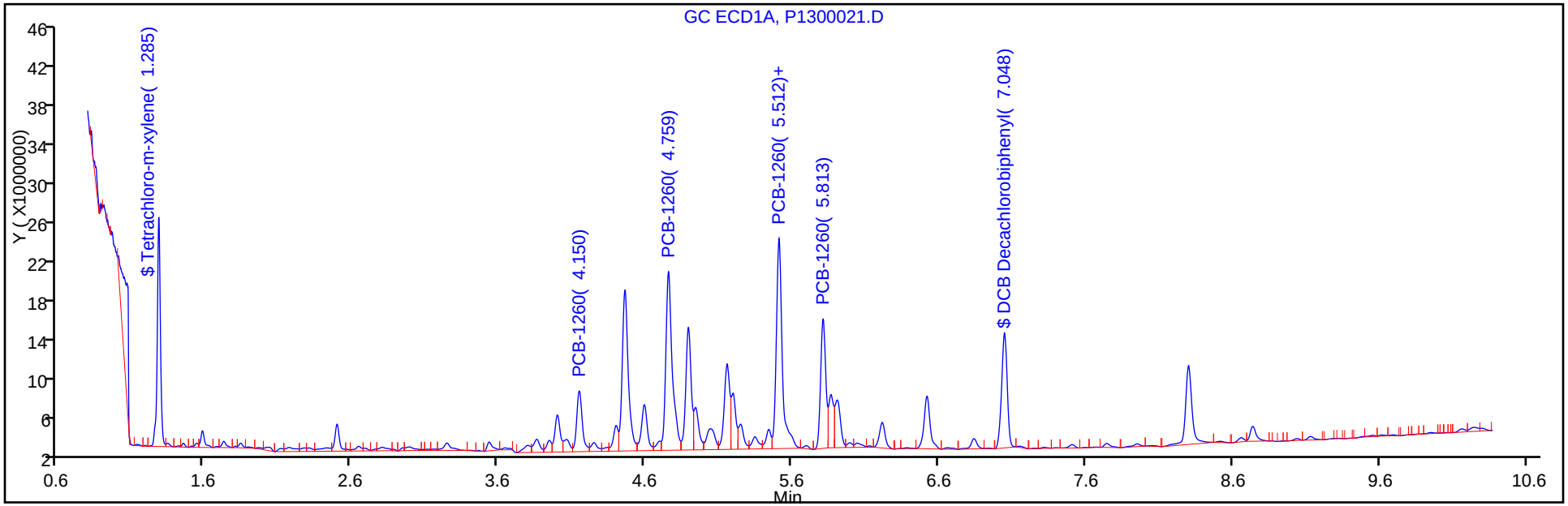
Report Date: 21-Dec-2012 11:50:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

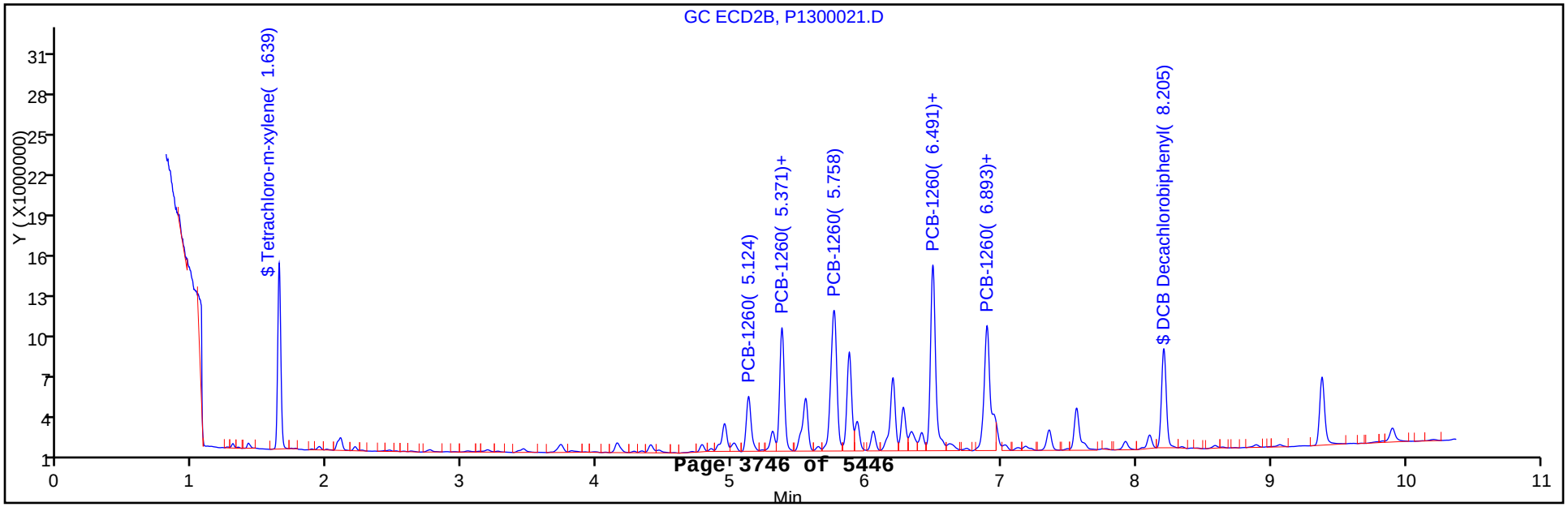
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Injection Date:	20-Dec-2012 19:09:06	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 21-Dec-2012 11:50:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

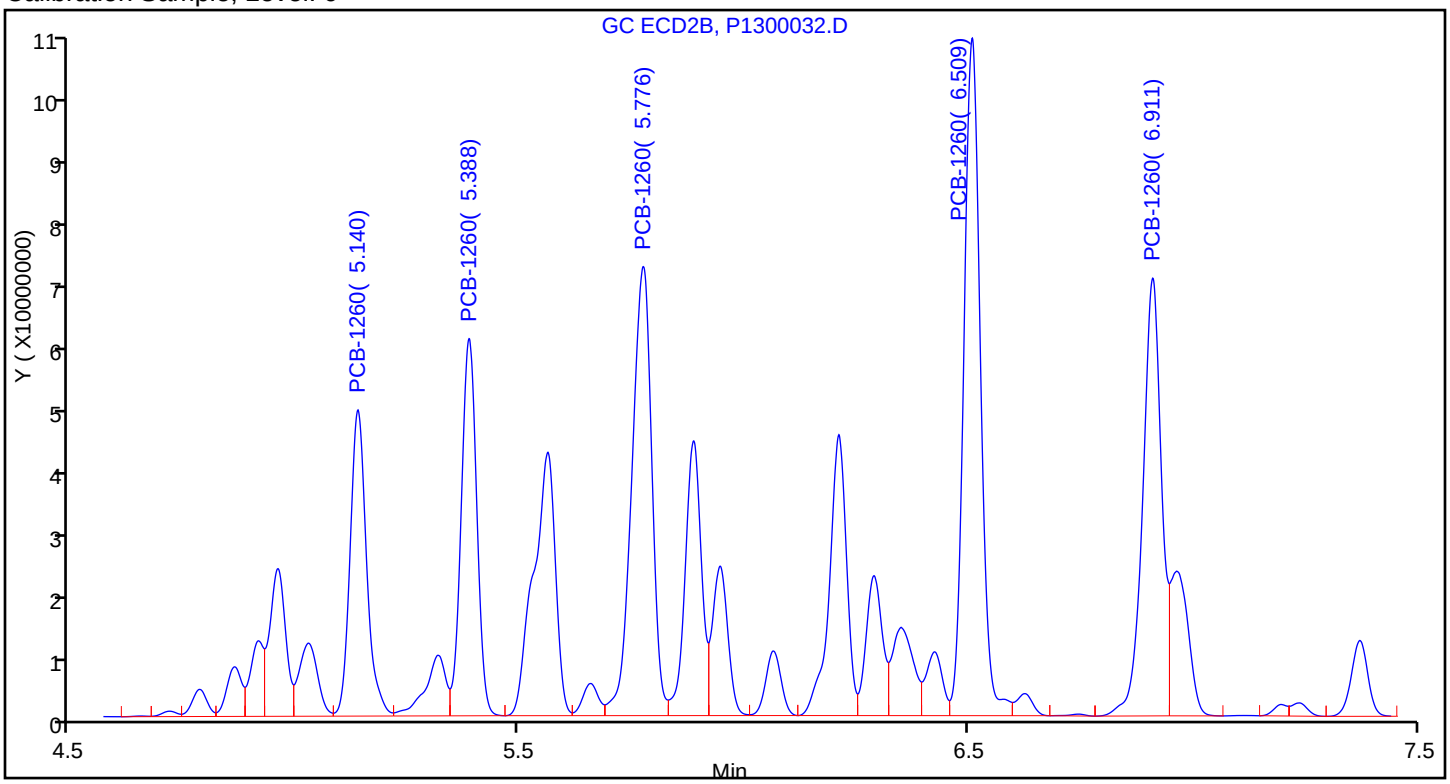
TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300021.D

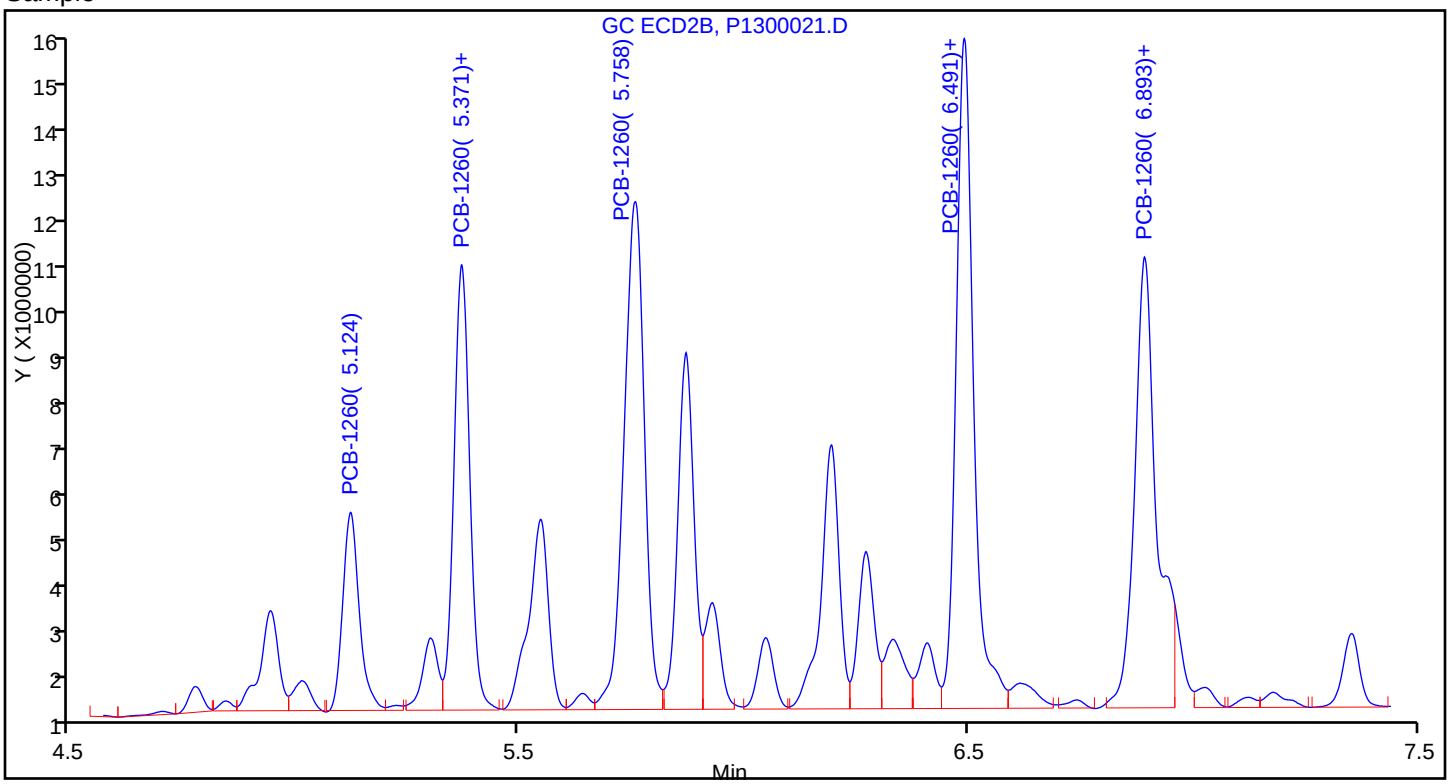
Injection Date:	20-Dec-2012 19:09:06	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ecd2b

Calibration Sample, Level: 6



Sample



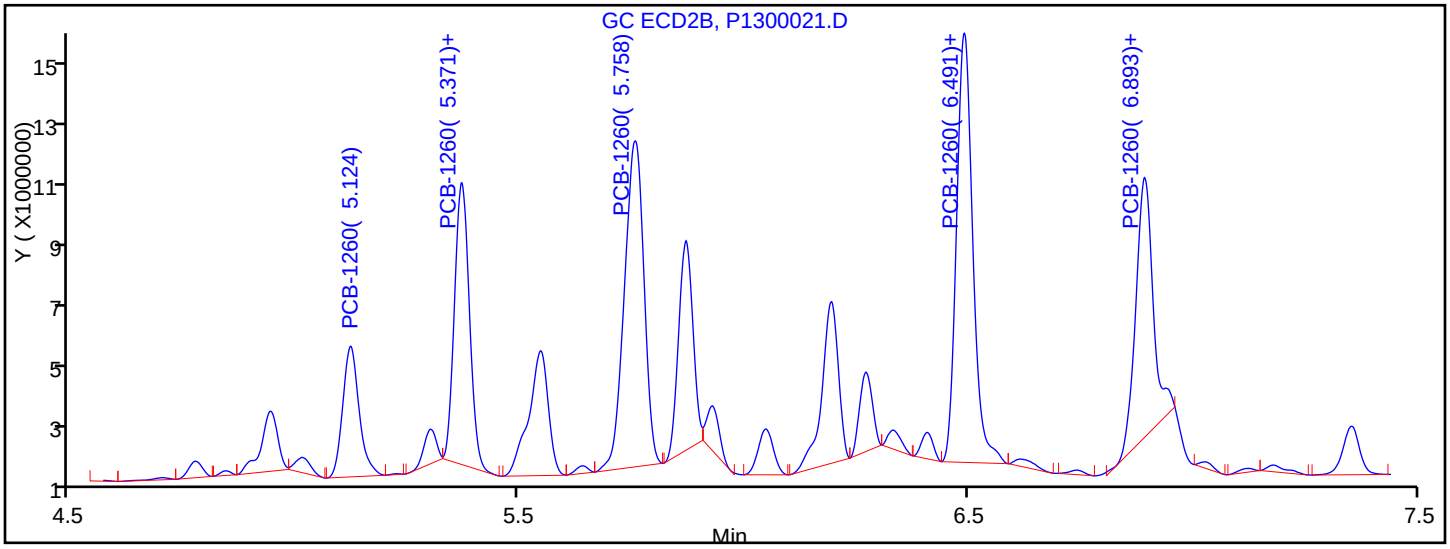
Report Date: 21-Dec-2012 11:50:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300021.D

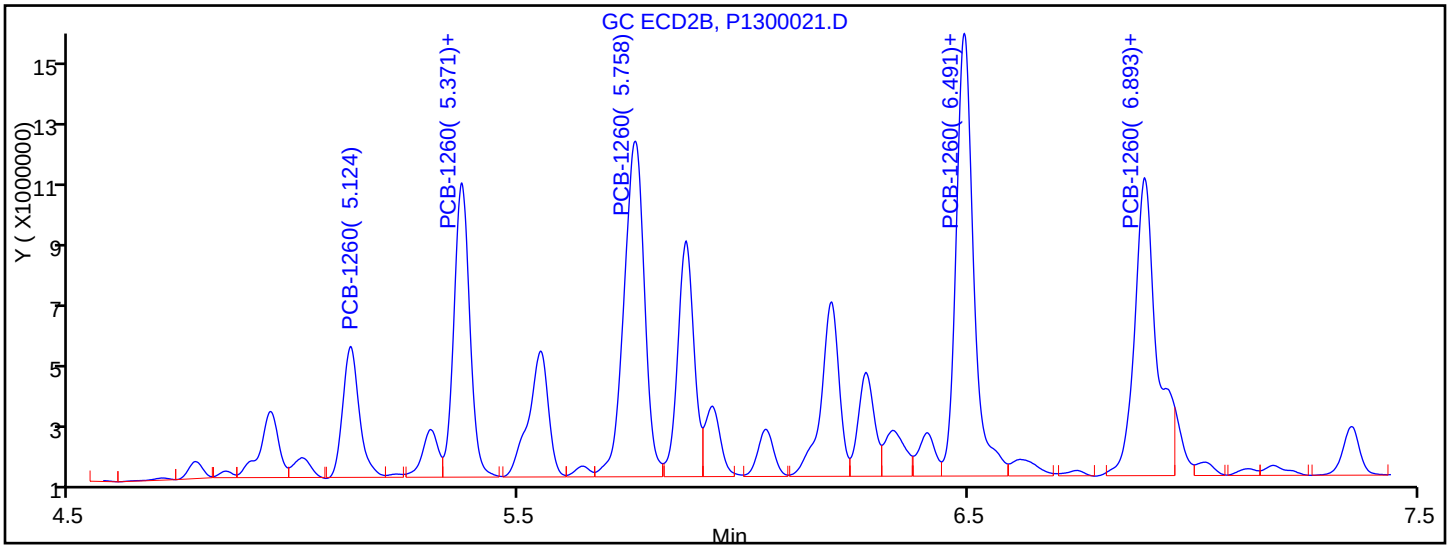
Injection Date:	20-Dec-2012 19:09:06	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0112M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

10 PCB-1260, Detector: 2, GC ecd2b



Processing Integration Results

RT = 5.124	Response = 10172012	M
RT = 5.371	Response = 19989574	M
RT = 5.758	Response = 30273372	M
RT = 6.491	Response = 33245700	M
RT = 6.893	Response = 21521491	M



Manual Integration Results

RT = 5.124	Response = 10269055	M
RT = 5.371	Response = 22157952	M
RT = 5.758	Response = 32690392	M
RT = 6.491	Response = 36775863	M
RT = 6.893	Response = 31006426	M

Reviewer: hassl, 21-Dec-2012 11:47:51

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18544-1

SDG No.:

Client Sample ID: 076SB-0114M-0001-SO | Lab Sample ID: 240-18544-33

Matrix: Solid | Lab File ID: P1300022.D

Analysis Method: 8082/DOD | Date Collected: 12/06/2012 17:35

Extraction Method: 3540C | Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.89(g) | Date Analyzed: 12/20/2012 19:24

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

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

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

Analysis Batch No.: 69521 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	25	U	65	25	21
11141-16-5	Aroclor-1232	25	U	45	25	14
53469-21-9	Aroclor-1242	25	U	40	25	13
12672-29-6	Aroclor-1248	25	U	55	25	17
11097-69-1	Aroclor-1254	25	U	55	25	17
11096-82-5	Aroclor-1260	25	U	55	25	17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		40-140
2051-24-3	DCB Decachlorobiphenyl	69		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300022.D		
Lims ID:	240-18544-E-33-E	Client ID:	076SB-0114M-0001-SO
Inject. Date:	20-Dec-2012 19:24:05	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-022		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	22
Lims Batch ID:	69521	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	32516236	0.0142			
2	2	1.638	1.638	0.000	22155743	0.0154			
						RPD = 7.92			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.048	0.001	32364846	0.0139			
2	2	8.205	8.205	0.000	19551503	0.0145			
						RPD = 4.60			

QC Flag Legend

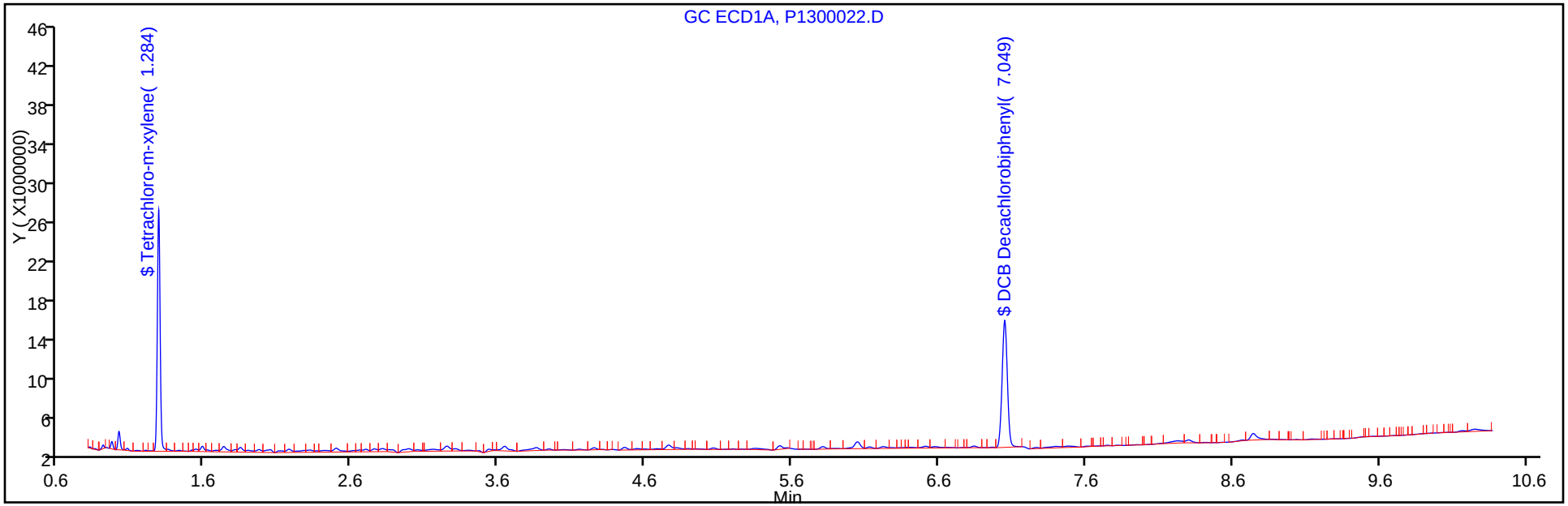
Processing Flags
1 - Missing Peaks

Report Date: 21-Dec-2012 11:50:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

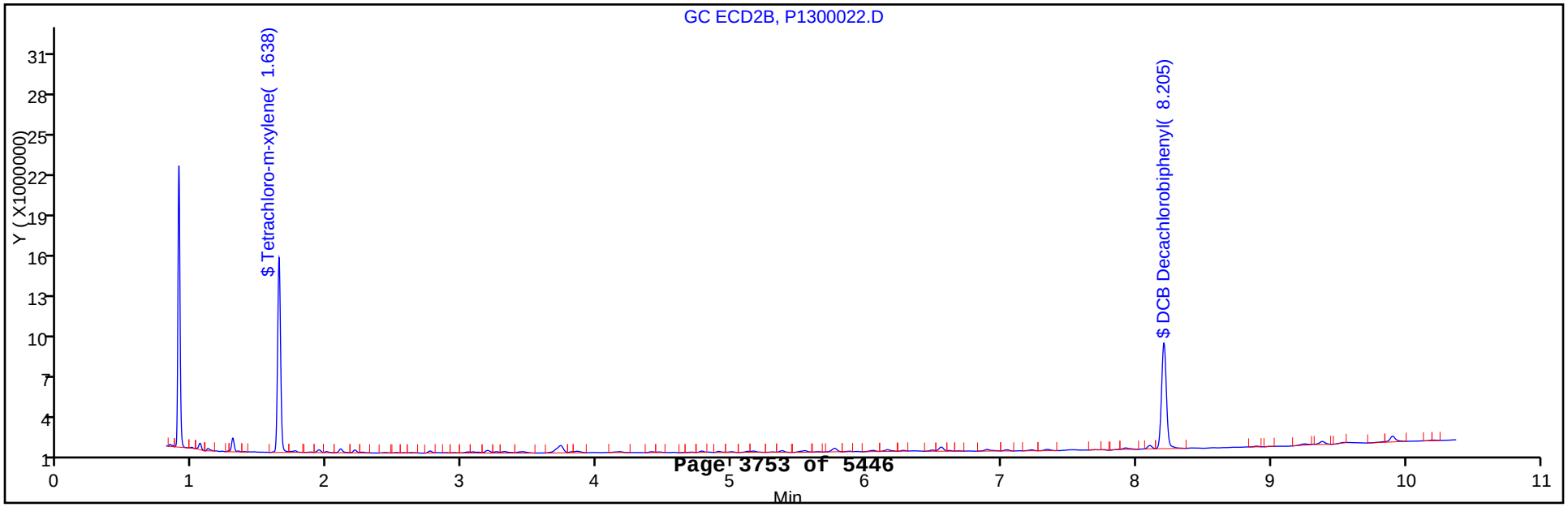
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300022.D		
Injection Date:	20-Dec-2012 19:24:05	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0114M-0001-SO Lab Sample ID: 240-18544-33

Matrix: Solid Lab File ID: P1300022.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 17:35

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 29.89(g) Date Analyzed: 12/20/2012 19:24

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		40-140
2051-24-3	DCB Decachlorobiphenyl	73		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300022.D		
Lims ID:	240-18544-E-33-E	Client ID:	076SB-0114M-0001-SO
Inject. Date:	20-Dec-2012 19:24:05	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-022		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	22
Lims Batch ID:	69521	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:47:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	32516236	0.0142			
2	2	1.638	1.638	0.000	22155743	0.0154			
						RPD = 7.92			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.049	7.048	0.001	32364846	0.0139			
2	2	8.205	8.205	0.000	19551503	0.0145			
						RPD = 4.60			

QC Flag Legend

Processing Flags
1 - Missing Peaks

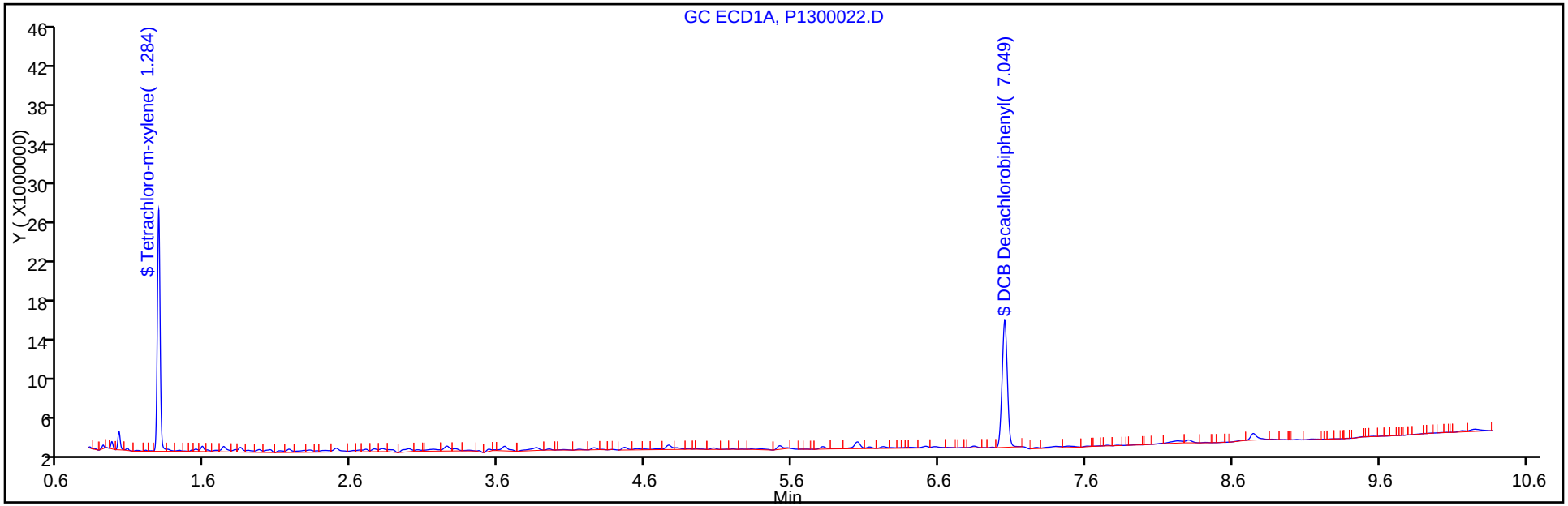
Report Date: 21-Dec-2012 11:50:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

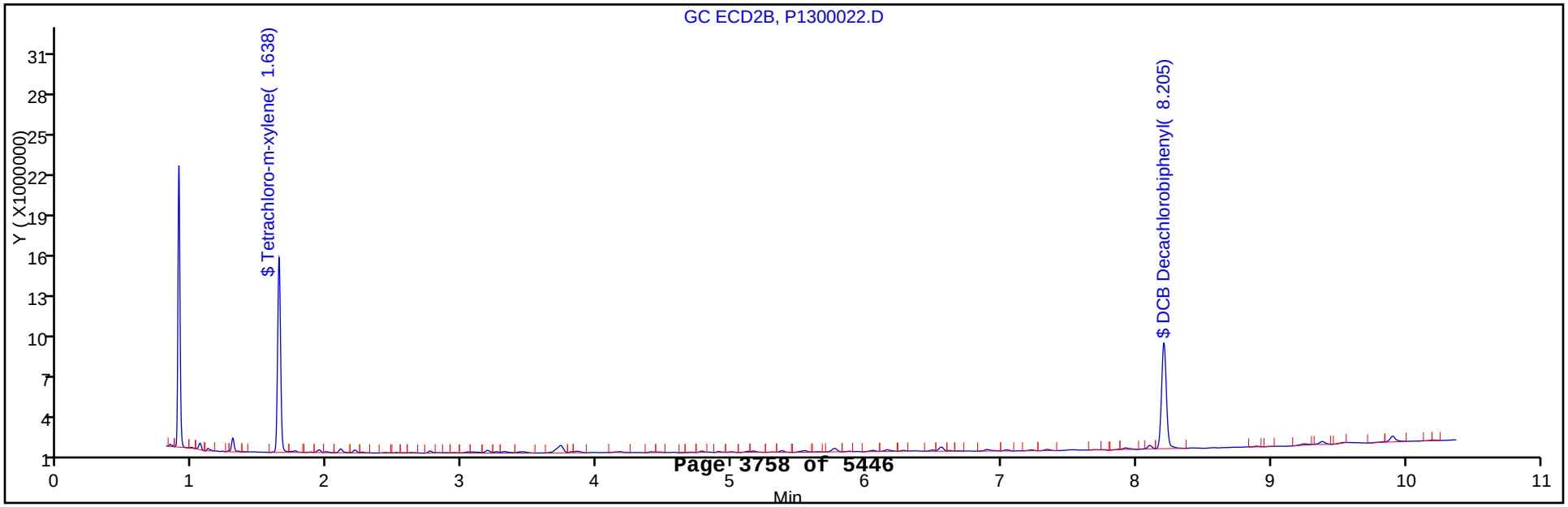
Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300022.D

Injection Date:	20-Dec-2012 19:24:05	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0114M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0115M-0001-SO Lab Sample ID: 240-18544-34

Matrix: Solid Lab File ID: P1300023.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 17:35

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.08(g) Date Analyzed: 12/20/2012 19:39

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	25	U	50	25	16
12674-11-2	Aroclor-1016	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	69		40-140
2051-24-3	DCB Decachlorobiphenyl	64		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300023.D		
Lims ID:	240-18544-E-34-E	Client ID:	076SB-0115M-0001-SO
Inject. Date:	20-Dec-2012 19:39:06	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-023		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	23
Lims Batch ID:	69521	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:48:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.284	0.001	31728328	0.0139			
2	2	1.639	1.638	0.001	21008169	0.0146			
						RPD = 5.05			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.050	7.048	0.002	29954193	0.0128			
2	2	8.206	8.205	0.001	17604900	0.0131			
						RPD = 1.86			

QC Flag Legend

Processing Flags
1 - Missing Peaks

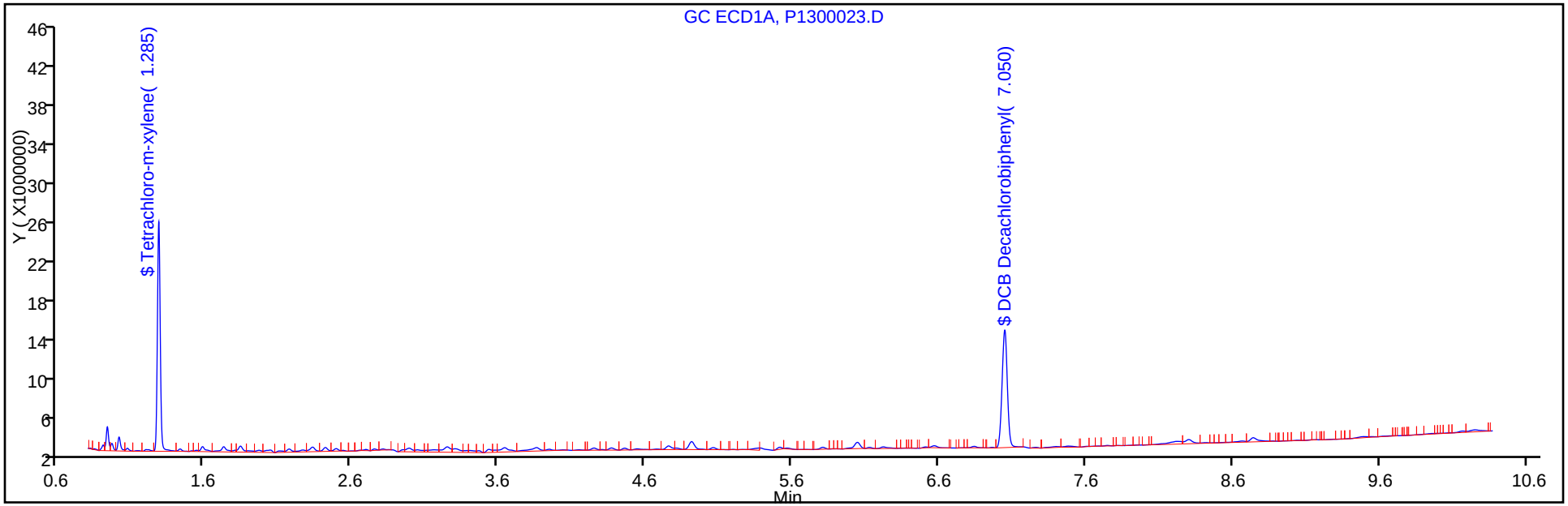
Report Date: 21-Dec-2012 11:50:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

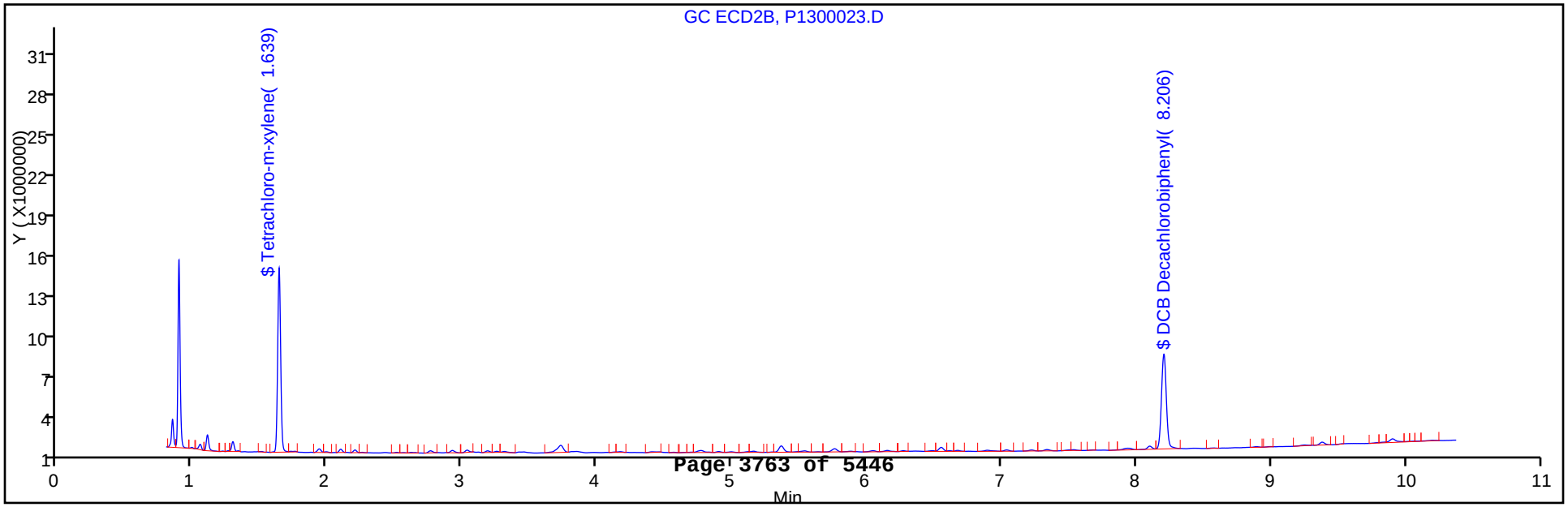
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Injection Date:	20-Dec-2012 19:39:06	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

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

SDG No.:

Client Sample ID: 076SB-0115M-0001-SO Lab Sample ID: 240-18544-34

Matrix: Solid Lab File ID: P1300023.D

Analysis Method: 8082/DOD Date Collected: 12/06/2012 17:35

Extraction Method: 3540C Date Extracted: 12/18/2012 10:12

Sample wt/vol: 30.08(g) Date Analyzed: 12/20/2012 19:39

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

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

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

Analysis Batch No.: 69521 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		40-140
2051-24-3	DCB Decachlorobiphenyl	65		60-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300023.D		
Lims ID:	240-18544-E-34-E	Client ID:	076SB-0115M-0001-SO
Inject. Date:	20-Dec-2012 19:39:06	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016044-023		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	23
Lims Batch ID:	69521	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121220-16044.b\PCB13.m		
Last Update:	21-Dec-2012 11:50:30	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 11:48:05

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.284	0.001	31728328	0.0139			
2	2	1.639	1.638	0.001	21008169	0.0146			
						RPD = 5.05			
3 PCB-1221									1
1	2		1.429						
1	3		1.580						
1	4		1.548						
2	4		1.934						
2	5		2.073						
2	6		2.133						
5 PCB-1242									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.857						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.702						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.579						
1	2		1.887						
1	3		2.313						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.184						
2	10		3.837						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.133						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.836						
7 PCB-1248									
1	86		1.886						
1	2		2.310						
1	3		2.855						
1	4		3.478						
1	5		3.944						
2	6		2.553						
2	7		3.035						
2	8		3.702						
2	9		3.835						
2	10		4.899						
8 PCB-1254									
1	100		3.532						
1	2		3.945						
1	3		4.249						
1	4		4.456						
1	5		4.758						
2	6		4.396						
2	7		4.900						
2	8		5.162						
2	9		5.543						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100		4.151						
1	2		4.460						
1	3		4.759						
1	4		5.509						
1	5		5.813						
2	6		5.123						
2	7		5.372						
2	8		5.759						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.050	7.048	0.002	29954193	0.0128			
2	2	8.206	8.205	0.001	17604900	0.0131			
						RPD = 1.86			

QC Flag Legend

Processing Flags
1 - Missing Peaks

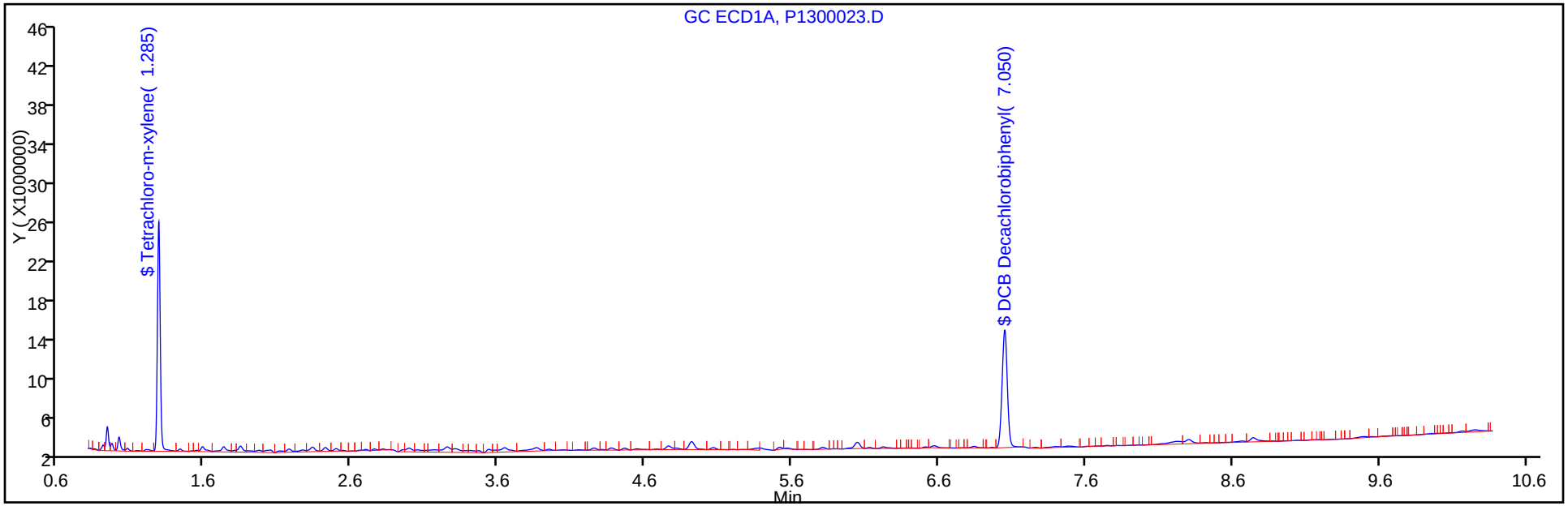
Report Date: 21-Dec-2012 11:50:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP13\20121220-16044.b\P1300023.D

Injection Date:	20-Dec-2012 19:39:06	Limit Group:	GC 8082A ICAL
Client ID:	076SB-0115M-0001-SO	Instrument ID:	A2HP13
Lims Batch ID:	69521	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

