FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

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.: 240-18735-2

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			

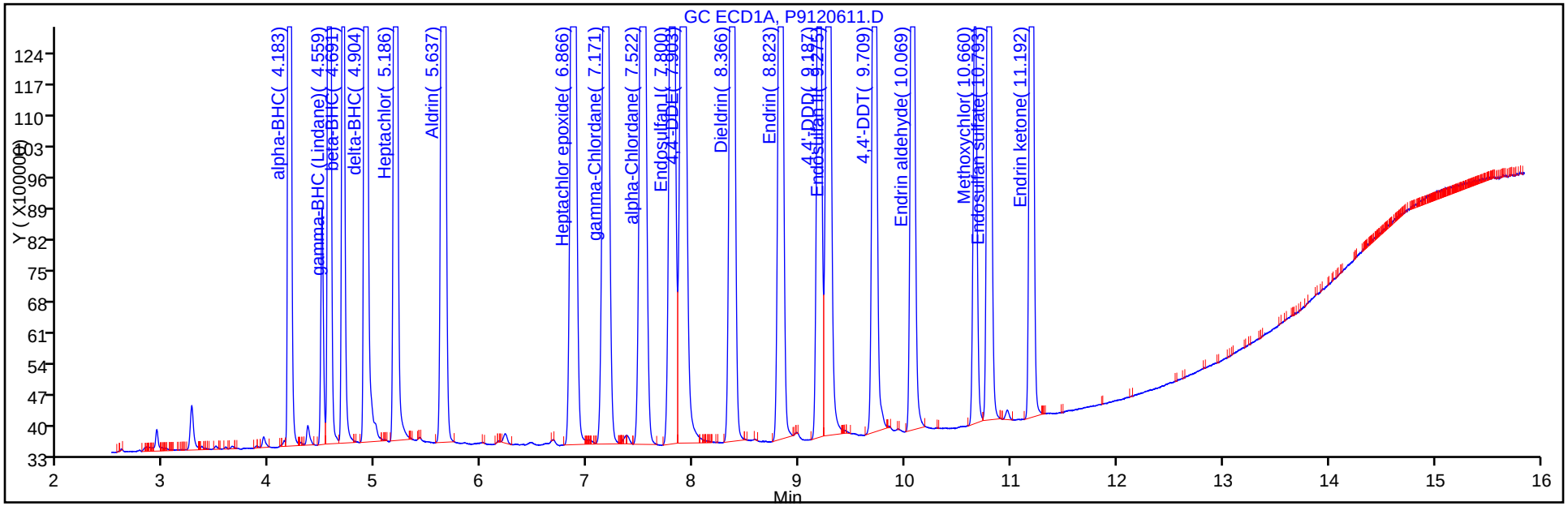
Report Date: 07-Dec-2012 10:25:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

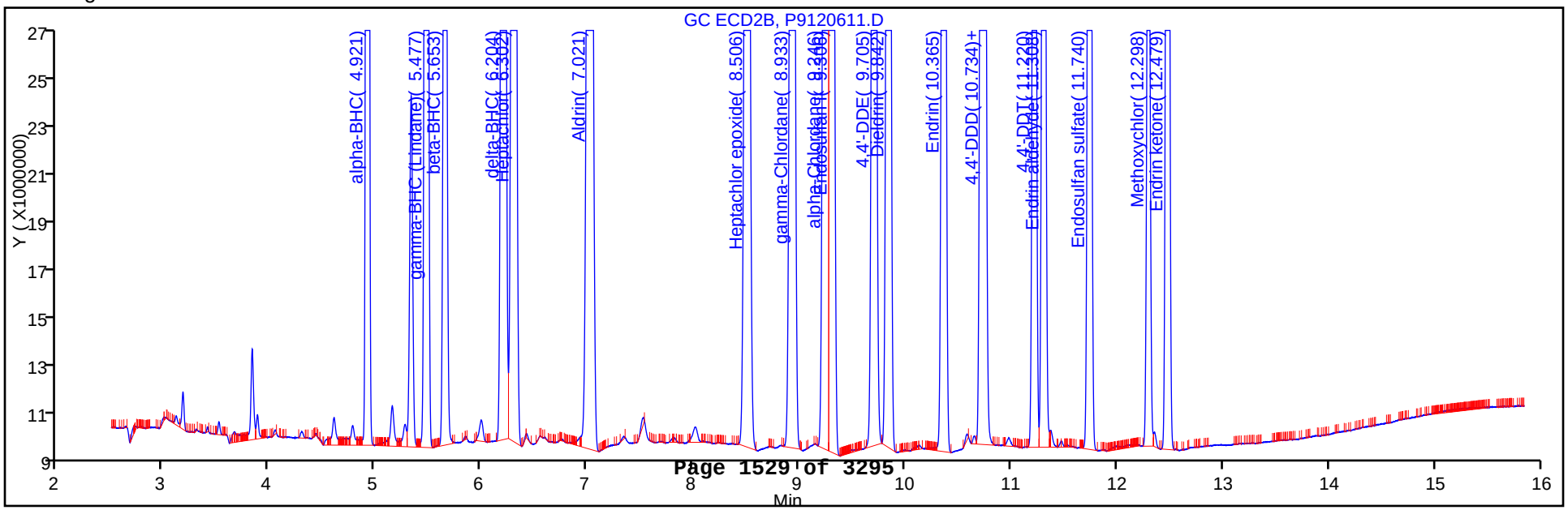
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120611.D

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.: 240-18735-2

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.: 240-18735-2

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			

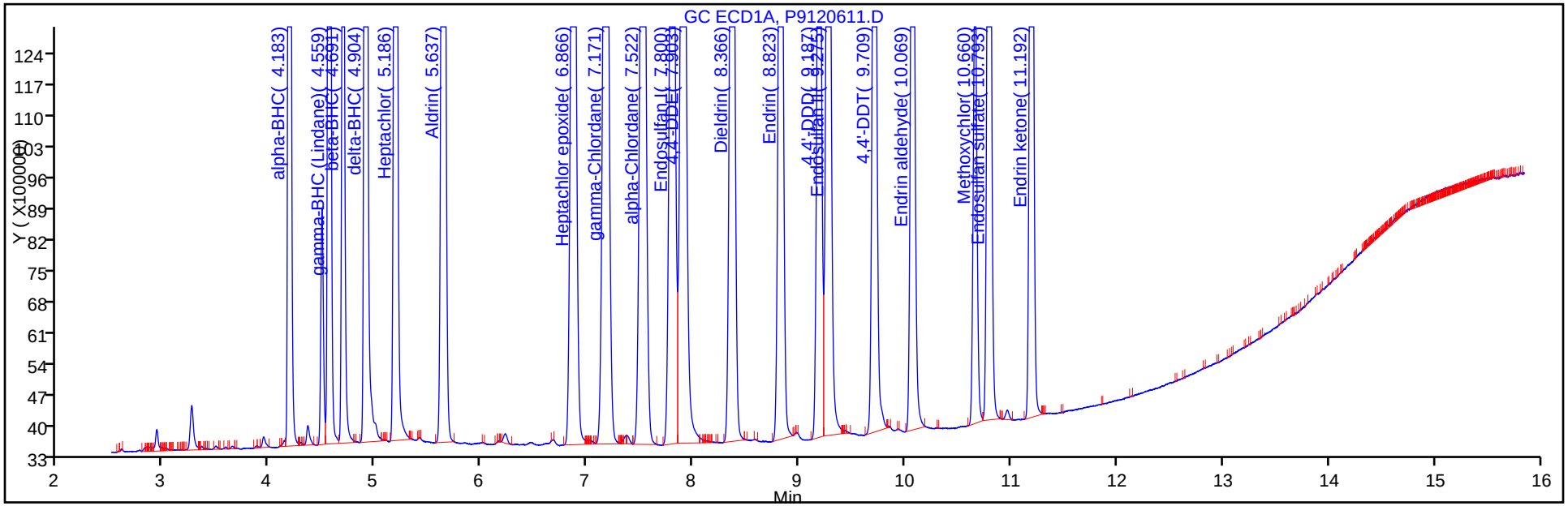
Report Date: 07-Dec-2012 10:25:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

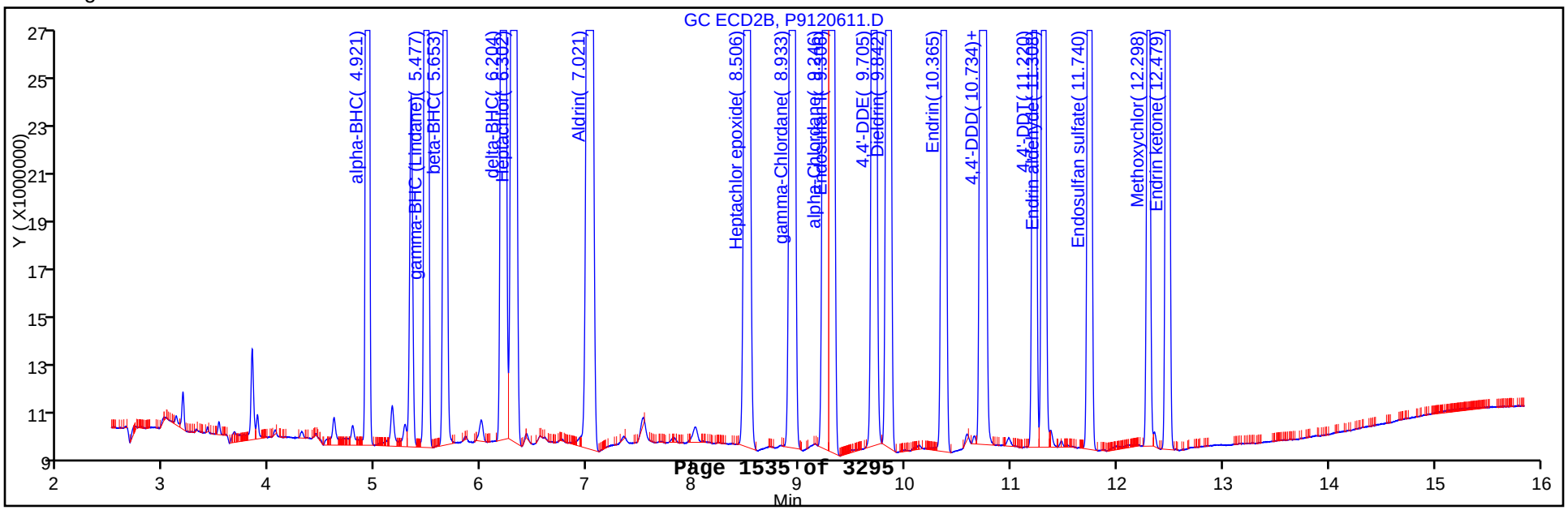
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Injection Date:	06-Dec-2012 13:33:04	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18735-2

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.: 240-18735-2

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

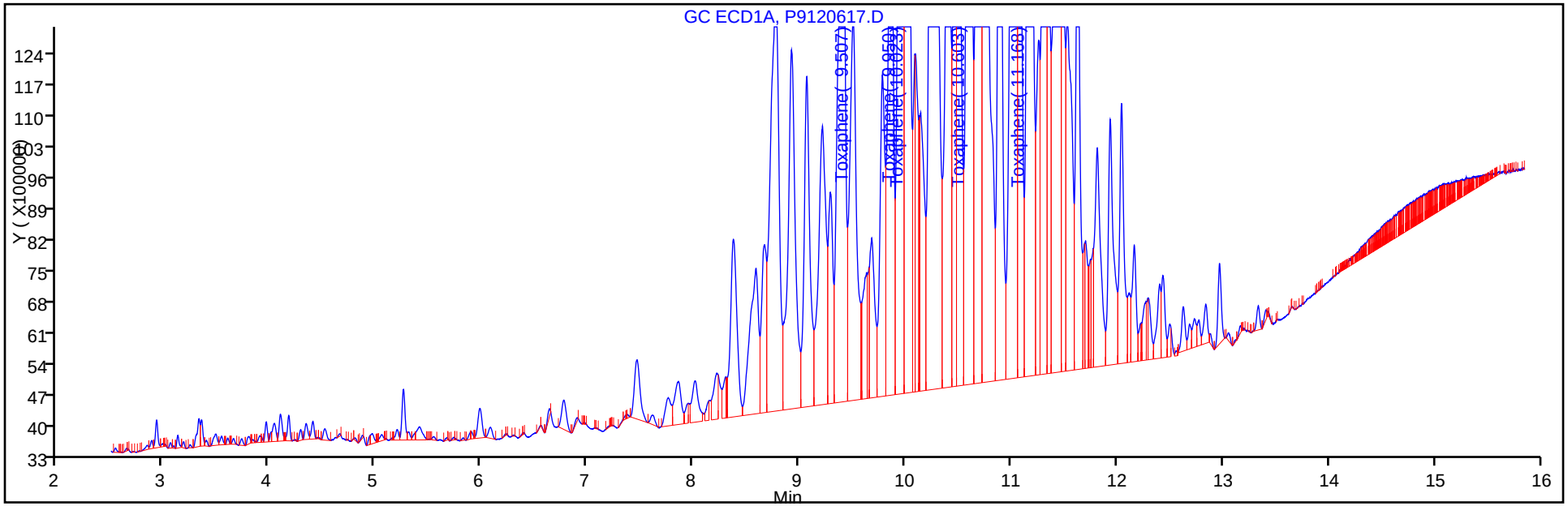
Report Date: 07-Dec-2012 10:25:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

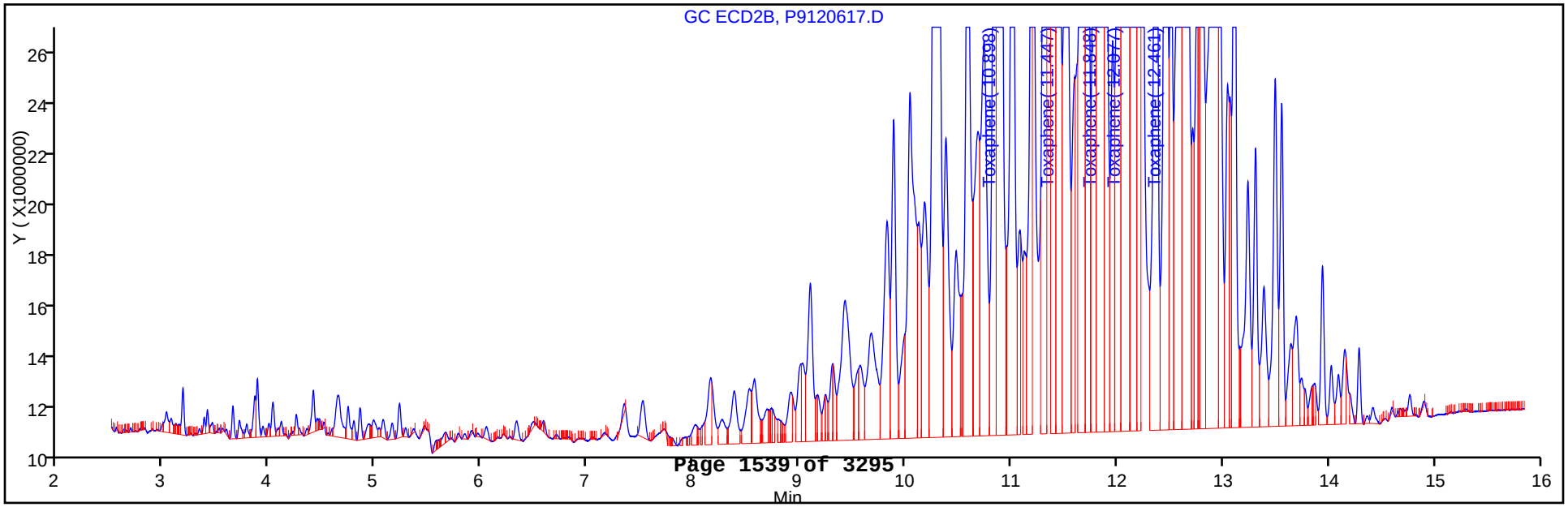
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D

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



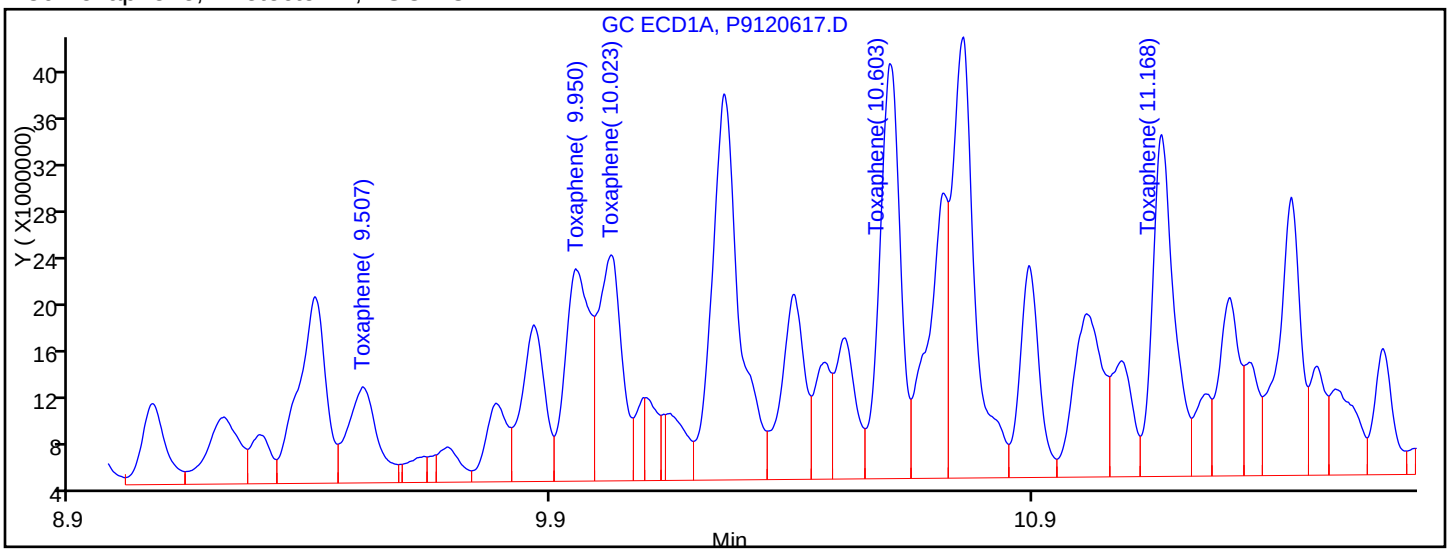
Report Date: 07-Dec-2012 10:25:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D

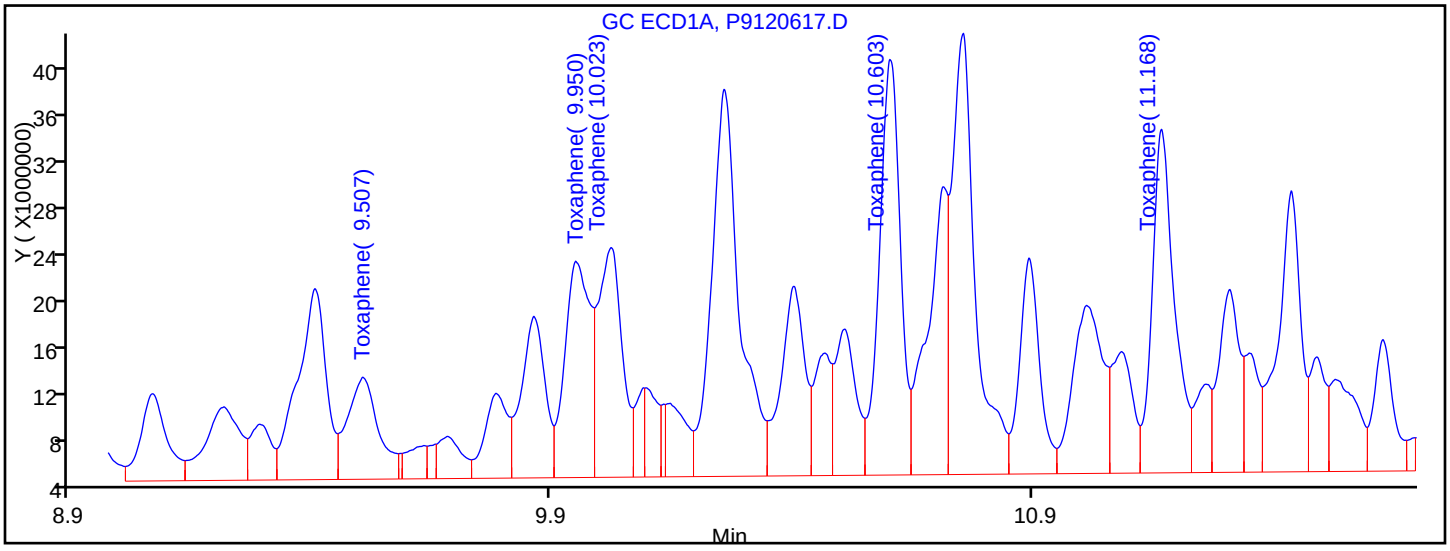
Injection Date:	06-Dec-2012 16:16:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18735-2

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.: 240-18735-2

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

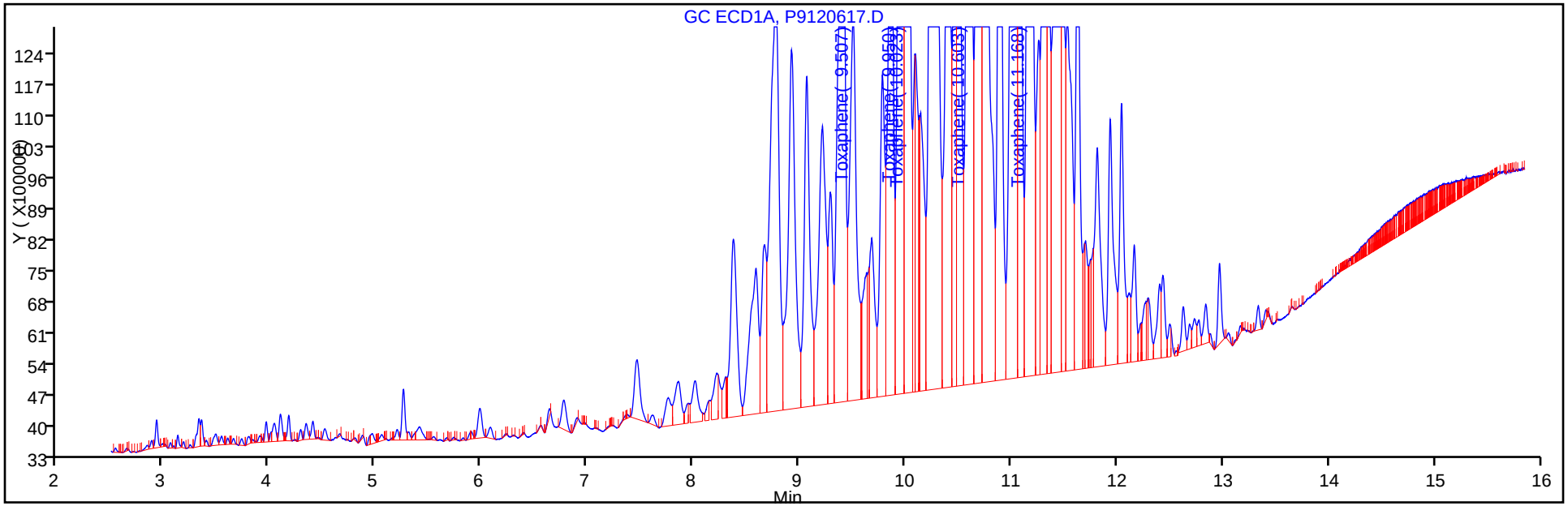
Report Date: 07-Dec-2012 10:25:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

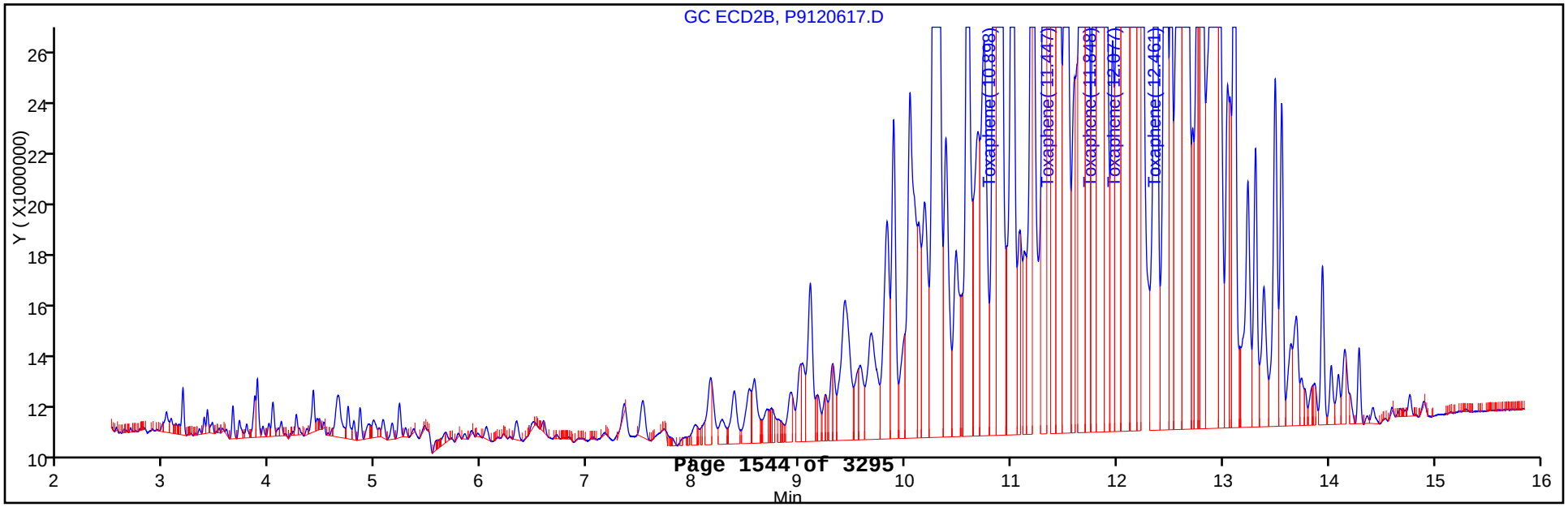
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D

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



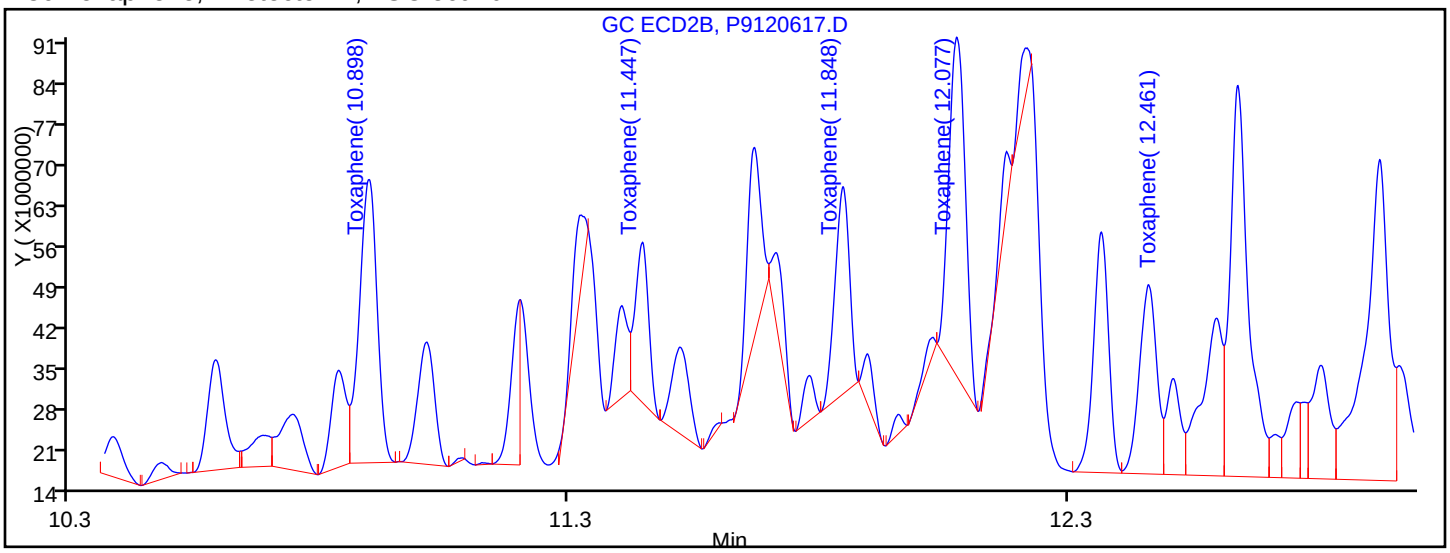
Report Date: 07-Dec-2012 10:25:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120617.D

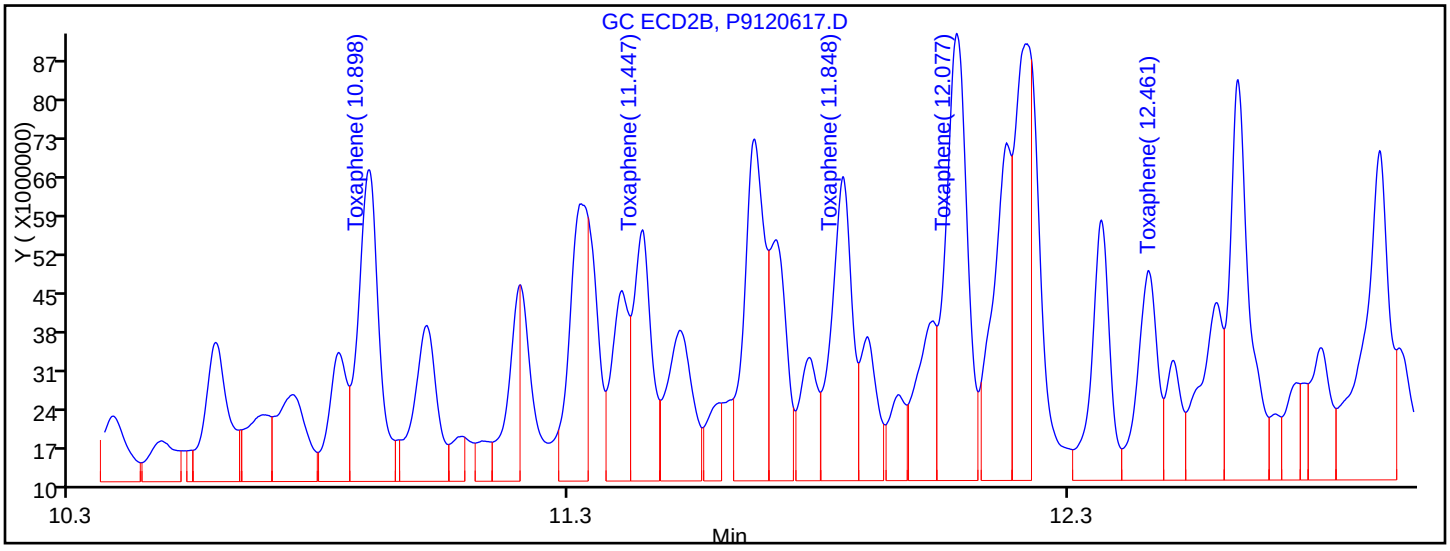
Injection Date:	06-Dec-2012 16:16:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 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.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-67554/23 Calibration Date: 12/06/2012 18:58

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 16:43

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 18:34

Lab File ID: P9120623.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	129175756	122532460		0.0949	0.100	-5.1	20.0
Chlordane (technical) Peak 2	Ave	117593671	108787710		0.0925	0.100	-7.5	20.0
Chlordane (technical) Peak 3	Ave	386374303	330929580		0.0856	0.100	-14.4	20.0
Chlordane (technical) Peak 4	Ave	603179595	463848320		0.0769	0.100	-23.1*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-67554/23 Calibration Date: 12/06/2012 18:58

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 16:43

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 18:34

Lab File ID: P9120623.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (technical) Peak 1	5.07	5.05	5.11
Chlordane (technical) Peak 2	5.93	5.90	5.96
Chlordane (technical) Peak 3	7.17	7.14	7.20
Chlordane (technical) Peak 4	7.52	7.49	7.55

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120623.D
Lims ID: ICV TC
Client ID:
Inject. Date: 06-Dec-2012 18:58:59
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015581-023
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 23
Lims Batch ID: 67554
Lims Sample ID: 23
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:59
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: XAWRK003

First Level Reviewer: vandorenc
Date: 07-Dec-2012 08:47:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	5.072	5.078	-0.006	12253246	0.0949		100.0	
1	2	5.927	5.928	-0.001	10878771	0.0925	68.4- 108.4	88.8	
1	3	7.172	7.172	0.000	33092958	0.0856	289.4- 329.4	270.1	
1	4	7.520	7.519	0.001	46384832	0.0769	465.8- 505.8	378.6	
			Average of Peak Amounts =			0.0875			
2	100	6.008	6.010	-0.002	38624686	0.0784		100.0	
2	2	7.510	7.508	0.002	32958797	0.1084	8.4- 48.4	85.3	
2	3	8.932	8.931	0.001	85534520	0.0947	101.3- 141.3	221.5	
2	4	9.245	9.244	0.001	76882096	0.0949	72.8- 112.8	199.0	
			Average of Peak Amounts =			0.0941			
						RPD = 7.26			

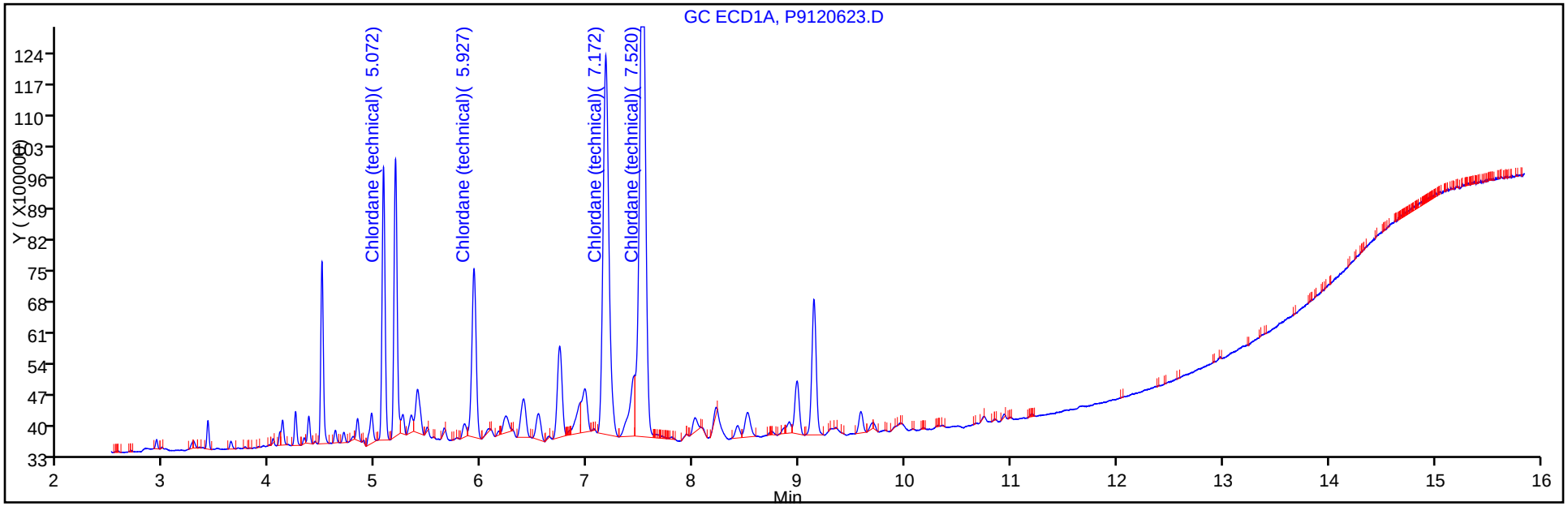
Report Date: 07-Dec-2012 10:26:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

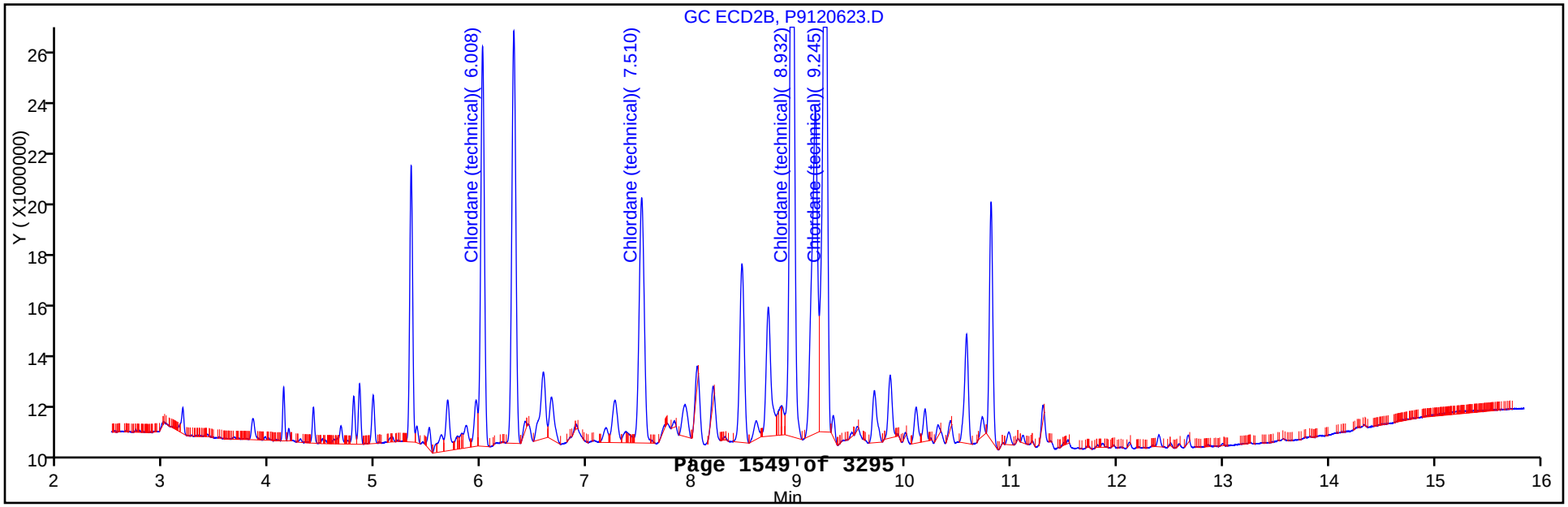
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120623.D

Injection Date:	06-Dec-2012 18:58:59	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	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



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-67554/23 Calibration Date: 12/06/2012 18:58

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 16:43

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 18:34

Lab File ID: P9120623.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	492705439	386246860		0.0784	0.100	-21.6*	20.0
Chlordane (technical) Peak 2	Ave	304182988	329587970		0.108	0.100	8.4	20.0
Chlordane (technical) Peak 3	Ave	903671005	855345200		0.0947	0.100	-5.3	20.0
Chlordane (technical) Peak 4	Ave	810442430	768820960		0.0949	0.100	-5.1	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-67554/23 Calibration Date: 12/06/2012 18:58

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 16:43

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 18:34

Lab File ID: P9120623.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (technical) Peak 1	6.01	5.98	6.04
Chlordane (technical) Peak 2	7.51	7.48	7.54
Chlordane (technical) Peak 3	8.93	8.90	8.96
Chlordane (technical) Peak 4	9.25	9.21	9.27

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120623.D
Lims ID: ICV TC Client ID:
Inject. Date: 06-Dec-2012 18:58:59 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015581-023
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 67554 Lims Sample ID: 23
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\PEST9.m
Last Update: 07-Dec-2012 10:25:59 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: XAWRK003

First Level Reviewer: vandorenc Date: 07-Dec-2012 08:47:07

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	5.072	5.078	-0.006	12253246	0.0949		100.0	
1	2	5.927	5.928	-0.001	10878771	0.0925	68.4- 108.4	88.8	
1	3	7.172	7.172	0.000	33092958	0.0856	289.4- 329.4	270.1	
1	4	7.520	7.519	0.001	46384832	0.0769	465.8- 505.8	378.6	
			Average of Peak Amounts =			0.0875			
2	100	6.008	6.010	-0.002	38624686	0.0784		100.0	
2	2	7.510	7.508	0.002	32958797	0.1084	8.4- 48.4	85.3	
2	3	8.932	8.931	0.001	85534520	0.0947	101.3- 141.3	221.5	
2	4	9.245	9.244	0.001	76882096	0.0949	72.8- 112.8	199.0	
			Average of Peak Amounts =			0.0941			
						RPD = 7.26			

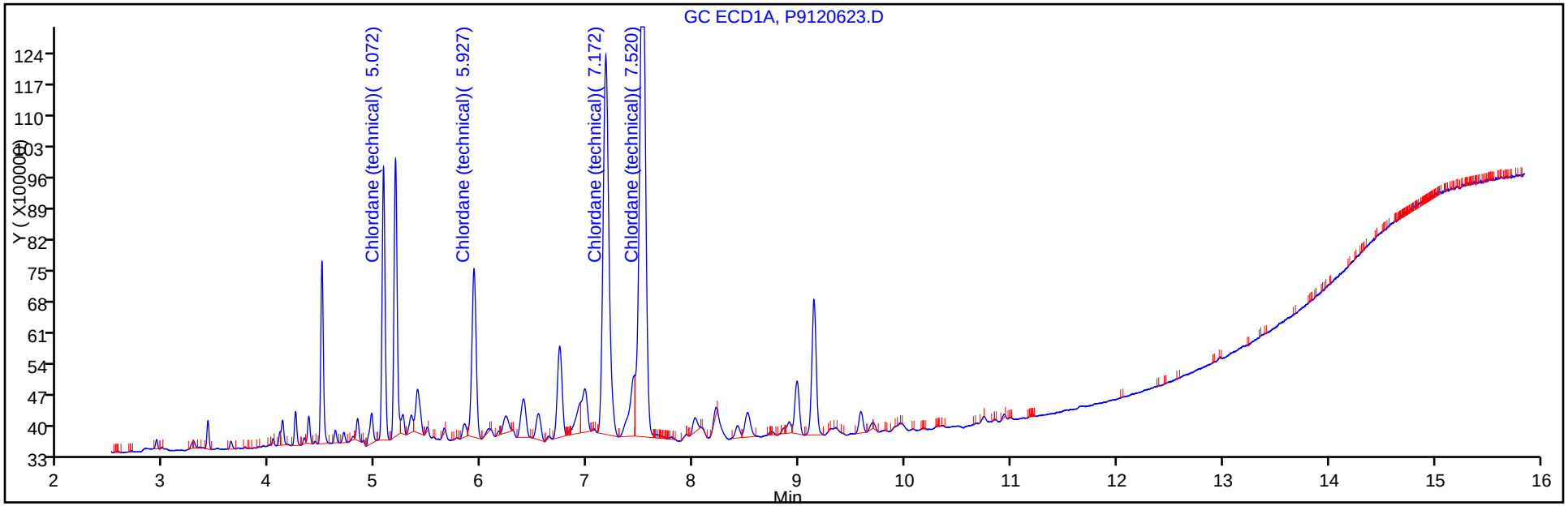
Report Date: 07-Dec-2012 10:26:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

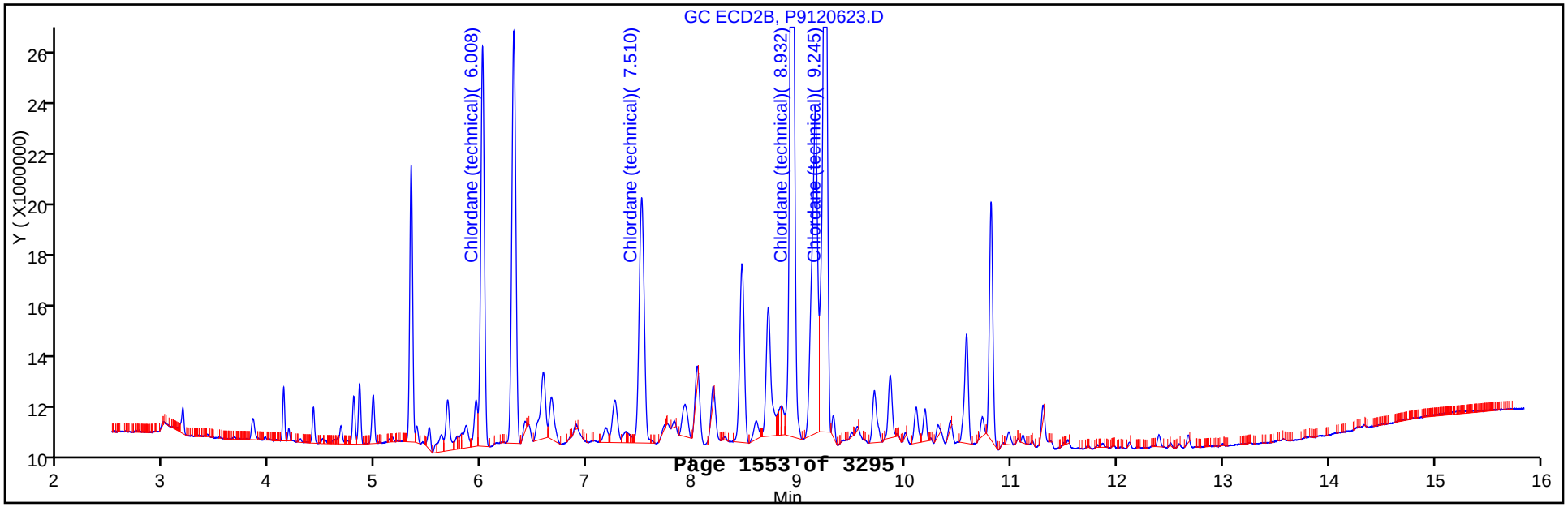
Data File: \\Ncchrom\ChromData\A2HP9\20121206-15581.b\P9120623.D

Injection Date:	06-Dec-2012 18:58:59	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	67554	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



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/5 Calibration Date: 12/18/2012 10:28

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: P9121805.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	68618510		0.995	1.00	-0.5	20.0
Toxaphene Peak 2	Ave	85469637	85835308		1.00	1.00	0.4	20.0
Toxaphene Peak 3	Ave	73765512	67734840		0.918	1.00	-8.2	20.0
Toxaphene Peak 4	Ave	98743767	91264191		0.924	1.00	-7.6	20.0
Toxaphene Peak 5	Ave	63625849	58408675		0.918	1.00	-8.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/5 Calibration Date: 12/18/2012 10:28

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: P9121805.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\20121218-15955.b\P9121805.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 18-Dec-2012 10:28:11 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015955-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 69152 Lims Sample ID: 5
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:01 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: XAWRK024

First Level Reviewer: vandorenc Date: 18-Dec-2012 11:15:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.505	9.505	0.000	68618510	0.99		100.0	M
1	2	9.950	9.950	0.000	85835308	1.00	105.5- 145.5	125.1	M
1	3	10.016	10.016	0.000	67734840	0.9182	90.3- 130.3	98.7	M
1	4	10.601	10.601	0.000	91264191	0.9243	116.9- 156.9	133.0	M
1	5	11.167	11.167	0.000	58408675	0.9180	64.5- 104.5	85.1	M
			Average of Peak Amounts =			0.9519			
2	100	10.893	10.893	0.000	265661293	1.00		100.0	M
2	2	11.441	11.441	0.000	157109973	0.9465	43.7- 83.7	59.1	M
2	3	11.843	11.843	0.000	152515933	0.8894	45.7- 85.7	57.4	M
2	4	12.071	12.071	0.000	227332473	0.8853	80.2- 120.2	85.6	M
2	5	12.458	12.458	0.000	94382033	0.7720	28.1- 68.1	35.5	M
			Average of Peak Amounts =			0.8988			
						RPD = 5.74			

QC Flag Legend

Review Flags
M - Manually Integrated

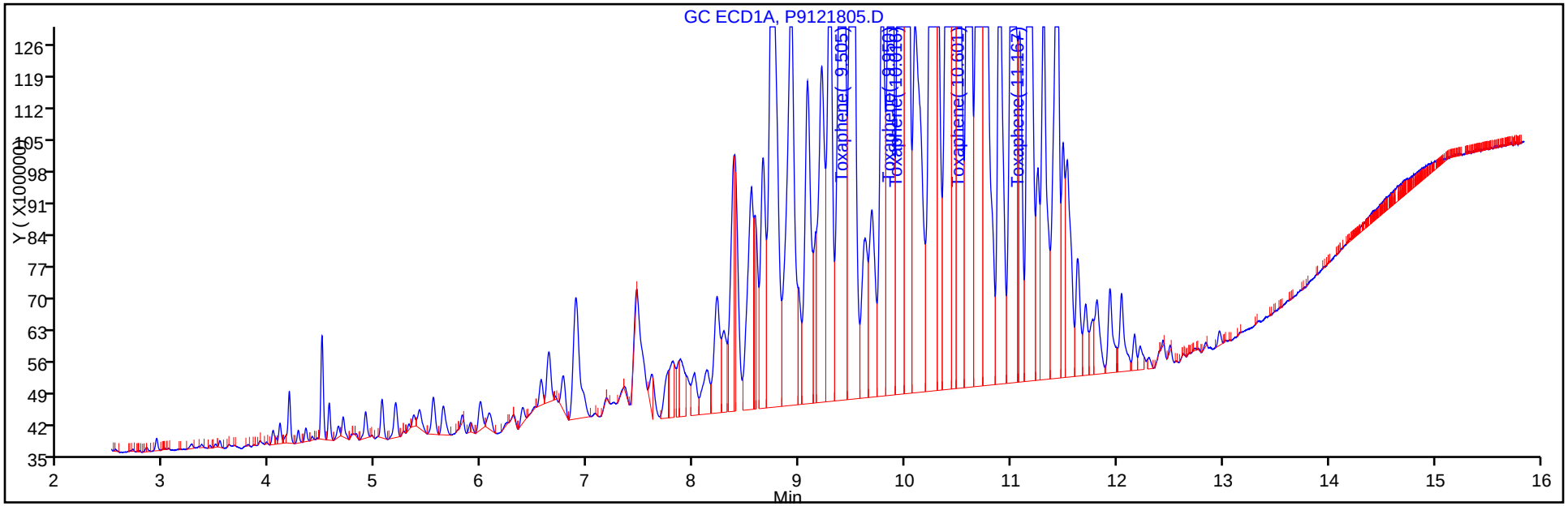
Report Date: 19-Dec-2012 12:50:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

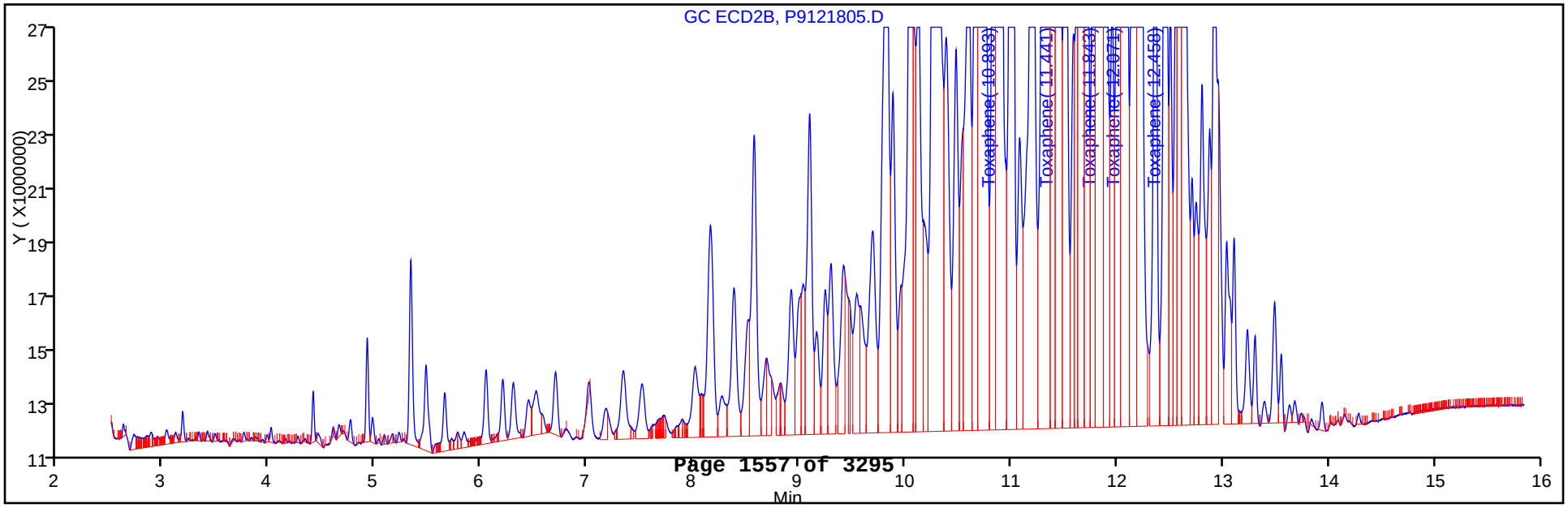
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Injection Date:	18-Dec-2012 10:28:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



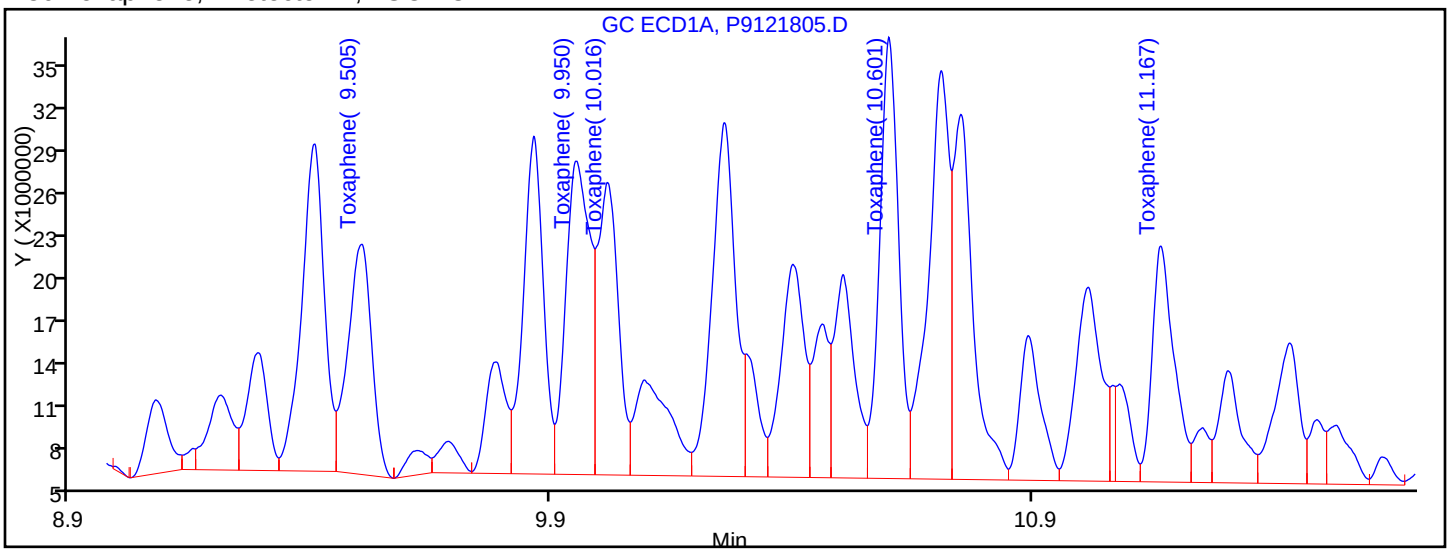
Report Date: 19-Dec-2012 12:50:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121805.D

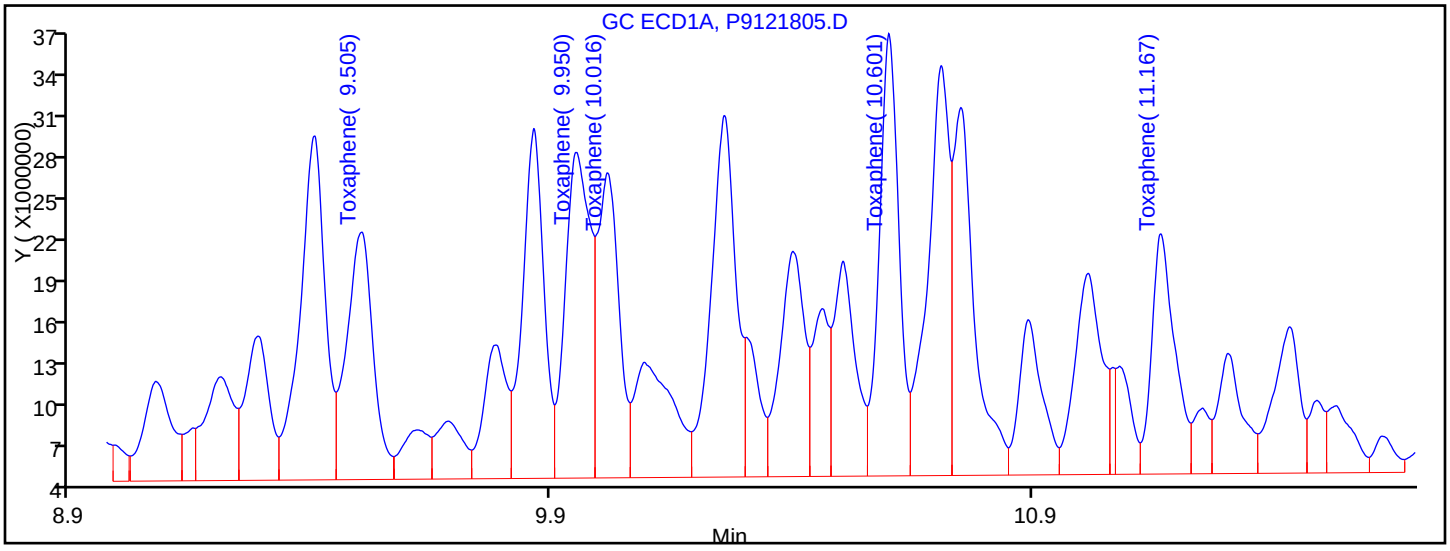
Injection Date:	18-Dec-2012 10:28:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.505	Response = 55057173	M
RT = 9.950	Response = 76657105	M
RT = 10.016	Response = 59969012	M
RT = 10.601	Response = 83871198	M
RT = 11.167	Response = 52071743	M



Manual Integration Results

RT = 9.505	Response = 68618510	M
RT = 9.950	Response = 85835308	M
RT = 10.016	Response = 67734840	M
RT = 10.601	Response = 91264191	M
RT = 11.167	Response = 58408675	M

Reviewer: vandorenc, 18-Dec-2012 11:15:01

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/5 Calibration Date: 12/18/2012 10:28

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: P9121805.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	265661293		1.00	1.00	0.0	20.0
Toxaphene Peak 2	Ave	165982849	157109973		0.947	1.00	-5.3	20.0
Toxaphene Peak 3	Ave	171487862	152515933		0.889	1.00	-11.1	20.0
Toxaphene Peak 4	Ave	256795996	227332473		0.885	1.00	-11.5	20.0
Toxaphene Peak 5	Ave	122259762	94382033		0.772	1.00	-22.8*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/5 Calibration Date: 12/18/2012 10:28

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: P9121805.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\20121218-15955.b\P9121805.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 18-Dec-2012 10:28:11 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015955-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 69152 Lims Sample ID: 5
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:01 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: XAWRK024

First Level Reviewer: vandorenc Date: 18-Dec-2012 11:15:01

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.505	9.505	0.000	68618510	0.99		100.0	M
1	2	9.950	9.950	0.000	85835308	1.00	105.5- 145.5	125.1	M
1	3	10.016	10.016	0.000	67734840	0.9182	90.3- 130.3	98.7	M
1	4	10.601	10.601	0.000	91264191	0.9243	116.9- 156.9	133.0	M
1	5	11.167	11.167	0.000	58408675	0.9180	64.5- 104.5	85.1	M
			Average of Peak Amounts =			0.9519			
2	100	10.893	10.893	0.000	265661293	1.00		100.0	M
2	2	11.441	11.441	0.000	157109973	0.9465	43.7- 83.7	59.1	M
2	3	11.843	11.843	0.000	152515933	0.8894	45.7- 85.7	57.4	M
2	4	12.071	12.071	0.000	227332473	0.8853	80.2- 120.2	85.6	M
2	5	12.458	12.458	0.000	94382033	0.7720	28.1- 68.1	35.5	M
			Average of Peak Amounts =			0.8988			
						RPD = 5.74			

QC Flag Legend

Review Flags
M - Manually Integrated

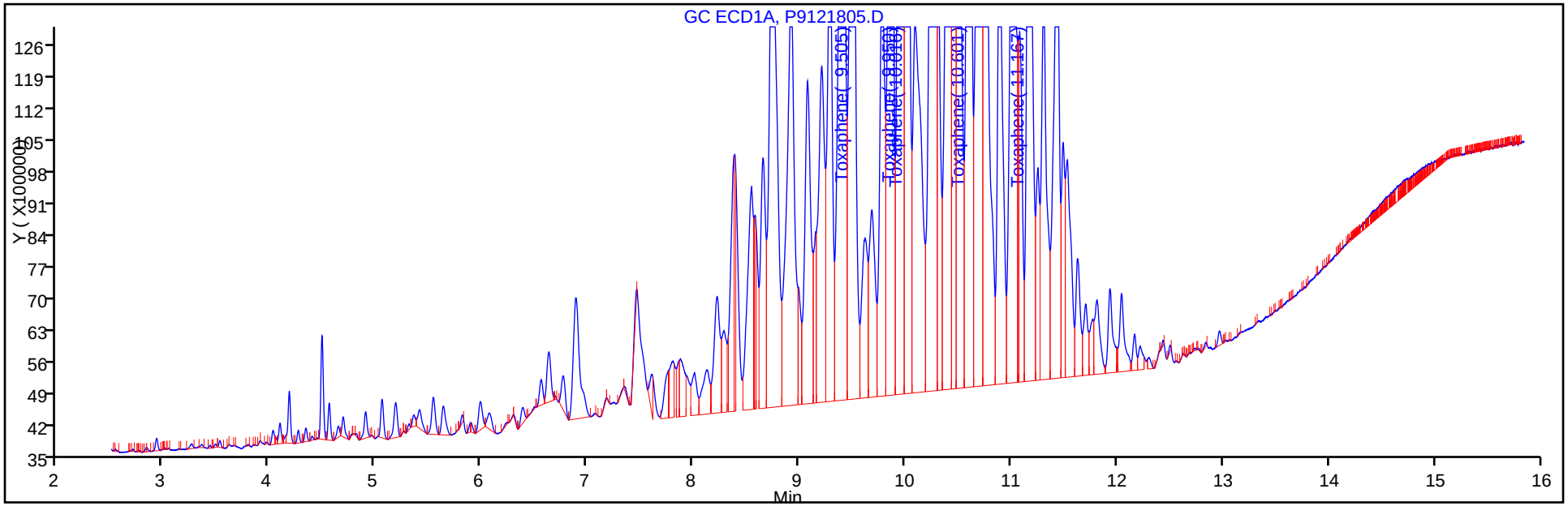
Report Date: 19-Dec-2012 12:50:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

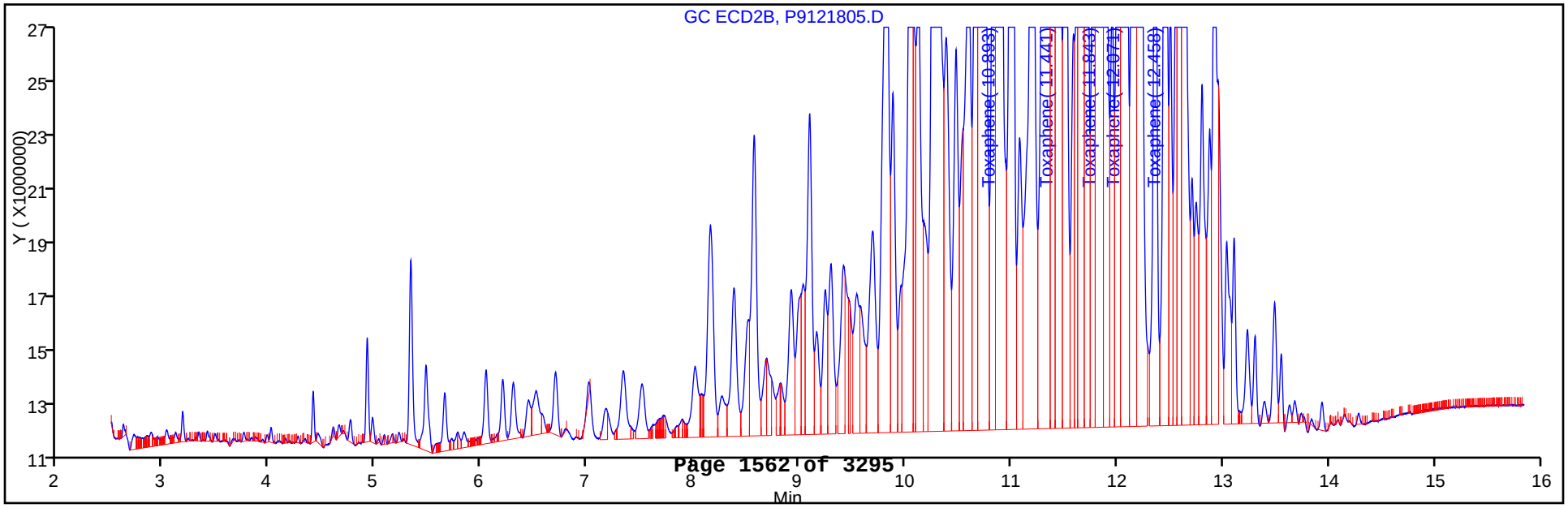
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121805.D

Injection Date:	18-Dec-2012 10:28:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	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



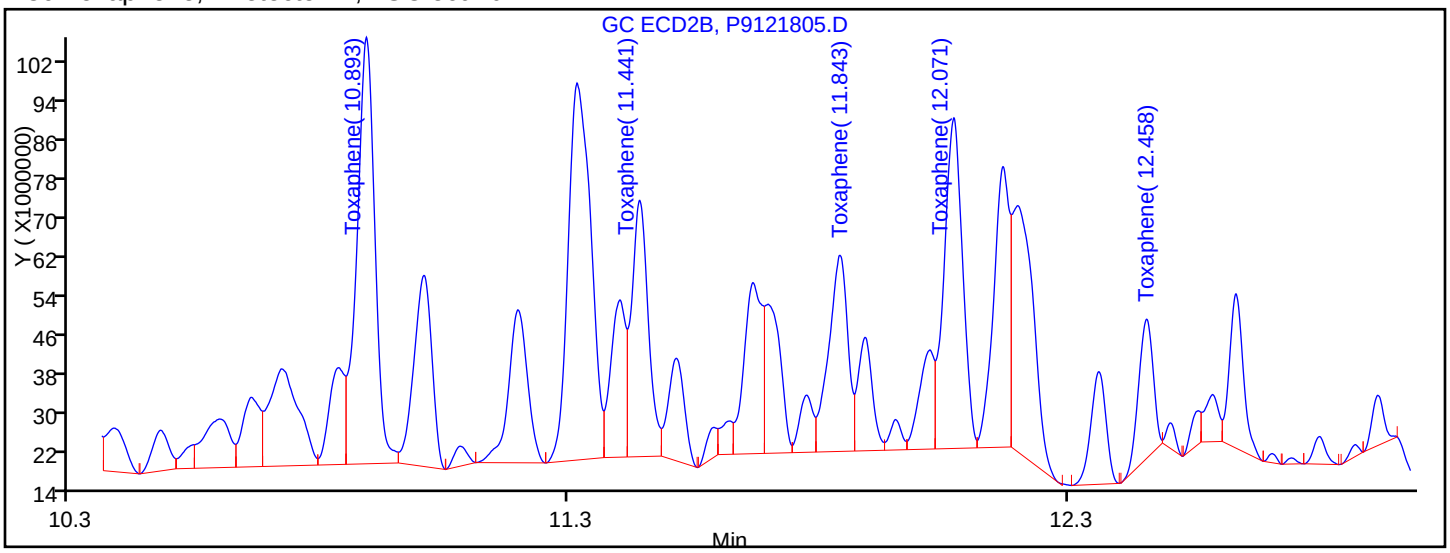
Report Date: 19-Dec-2012 12:50:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121805.D

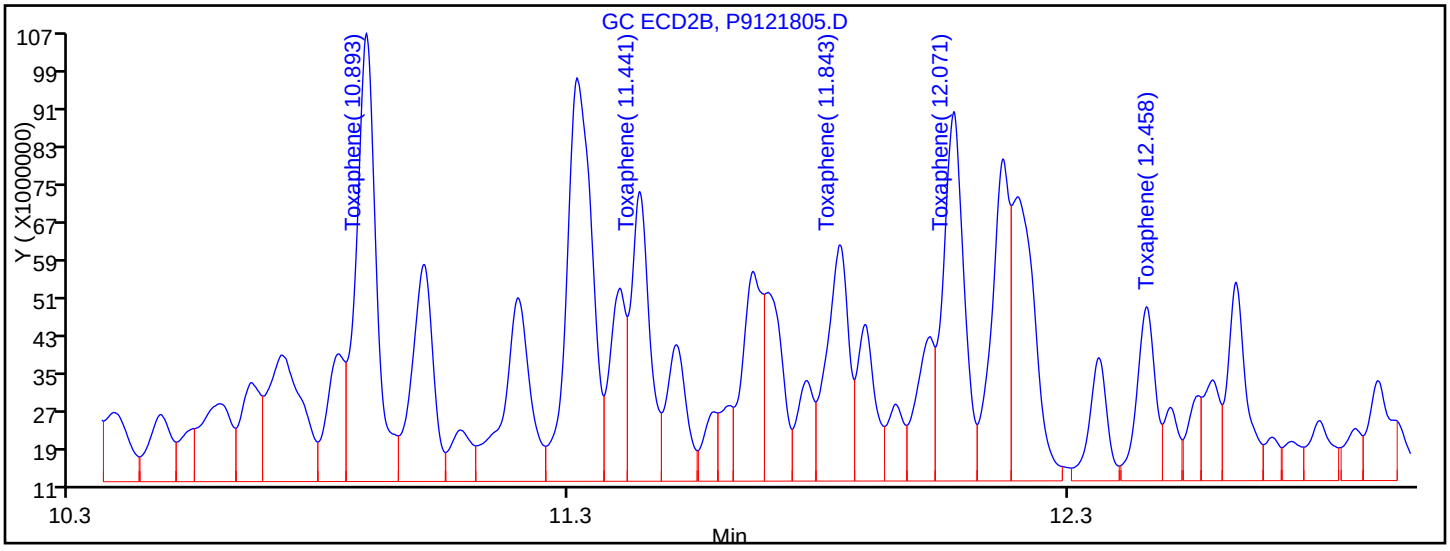
Injection Date:	18-Dec-2012 10:28:11	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.893	Response = 219774292	M
RT = 11.441	Response = 121510612	M
RT = 11.843	Response = 107576980	M
RT = 12.071	Response = 175388758	M
RT = 12.458	Response = 58279605	M



Manual Integration Results

RT = 10.893	Response = 265661293	M
RT = 11.441	Response = 157109973	M
RT = 11.843	Response = 152515933	M
RT = 12.071	Response = 227332473	M
RT = 12.458	Response = 94382033	M

Reviewer: vandorenc, 18-Dec-2012 11:15:01

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/7 Calibration Date: 12/18/2012 11:23

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: P9121807.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3421434316	3315898680		0.0242	0.0250	-3.1	20.0
gamma-BHC (Lindane)	Ave	2913769986	2931928880		0.0252	0.0250	0.6	20.0
beta-BHC	Ave	1250224244	1257775560		0.0252	0.0250	0.6	20.0
delta-BHC	Ave	3061752536	3058995040		0.0250	0.0250	-0.0	20.0
Heptachlor	Ave	2655006807	2824843120		0.0266	0.0250	6.4	20.0
Aldrin	Ave	3189768763	3072993160		0.0241	0.0250	-3.7	20.0
Heptachlor epoxide	Ave	2580951581	2682286920		0.0260	0.0250	3.9	20.0
gamma-Chlordane	Ave	2810352112	2848297200		0.0253	0.0250	1.4	20.0
alpha-Chlordane	Ave	2914578305	2906447400		0.0249	0.0250	-0.3	20.0
Endosulfan I	Ave	2430184025	2570443200		0.0264	0.0250	5.8	20.0
4,4'-DDE	Ave	2984641558	2969203640		0.0249	0.0250	-0.5	20.0
Dieldrin	Ave	2497683571	2611141280		0.0261	0.0250	4.5	20.0
Endrin	Ave	2266106237	2498678840		0.0276	0.0250	10.3	20.0
4,4'-DDD	Ave	1836592891	1987628440		0.0271	0.0250	8.2	20.0
Endosulfan II	Ave	2359969486	2530343680		0.0268	0.0250	7.2	20.0
4,4'-DDT	Ave	1994537456	1982781440		0.0249	0.0250	-0.6	20.0
Endrin aldehyde	Ave	1799719498	1933998680		0.0269	0.0250	7.5	20.0
Methoxychlor	Ave	935306693	963424120		0.0258	0.0250	3.0	20.0
Endosulfan sulfate	Ave	2170510402	2276409680		0.0262	0.0250	4.9	20.0
Endrin ketone	Ave	2244151853	2409212920		0.0268	0.0250	7.4	20.0
Tetrachloro-m-xylene	Ave	2591877195	2685498520		0.0259	0.0250	3.6	20.0
DCB Decachlorobiphenyl	Ave	2389162404	2403811160		0.0252	0.0250	0.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/7 Calibration Date: 12/18/2012 11:23

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: P9121807.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	6.87	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	9.27	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\20121218-15955.b\P9121807.D
Lims ID: CCV AB 3 Client ID:
Inject. Date: 18-Dec-2012 11:23:16 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015955-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 69152 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05 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: XAWRK024

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	67137463	0.0259			
2	100	4.091	4.091	0.000	210126262	0.0272			
						RPD = 4.85			
5 alpha-BHC									
1	100	4.183	4.183	0.000	82897467	0.0242			
2	100	4.917	4.917	0.000	271807147	0.0252			
						RPD = 3.80			
20 gamma-BHC (Lindane)									
1	100	4.559	4.559	0.000	73298222	0.0252			
2	100	5.472	5.472	0.000	238208142	0.0265			
						RPD = 5.37			
7 beta-BHC									
1	100	4.691	4.691	0.000	31444389	0.0252			
2	100	5.649	5.649	0.000	101971644	0.0270			
						RPD = 7.20			
11 delta-BHC									
1	100	4.904	4.904	0.000	76474876	0.0250			
2	100	6.198	6.198	0.000	248687935	0.0264			
						RPD = 5.46			
22 Heptachlor									
1	100	5.186	5.186	0.000	70621078	0.0266			
2	100	6.296	6.296	0.000	219833087	0.0276			
						RPD = 3.79			
4 Aldrin									
1	100	5.636	5.636	0.000	76824829	0.0241			
2	100	7.012	7.012	0.000	228045825	0.0258			
						RPD = 6.75			

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	67057173	0.0260			
2	100	8.499	8.499	0.000	200985406	0.0276			
						RPD = 5.88			
21 gamma-Chlordane									
1	100	7.170	7.170	0.000	71207430	0.0253			
2	100	8.926	8.926	0.000	202484156	0.0271			
						RPD = 6.76			
6 alpha-Chlordane									
1	100	7.520	7.520	0.000	72661185	0.0249			
2	100	9.239	9.239	0.000	203573413	0.0269			
						RPD = 7.70			
14 Endosulfan I									
1	100	7.800	7.800	0.000	64261080	0.0264			
2	100	9.298	9.298	0.000	174239869	0.0281			
						RPD = 6.19			
2 4,4'-DDE									
1	100	7.902	7.902	0.000	74230091	0.0249			
2	100	9.698	9.698	0.000	196416253	0.0262			
						RPD = 5.17			
13 Dieldrin									
1	100	8.366	8.366	0.000	65278532	0.0261			
2	100	9.835	9.835	0.000	187712839	0.0276			
						RPD = 5.36			
17 Endrin									
1	100	8.824	8.824	0.000	62466971	0.0276			
2	100	10.357	10.357	0.000	179973421	0.0284			
						RPD = 3.15			
1 4,4'-DDD									
1	100	9.185	9.185	0.000	49690711	0.0271			
2	100	10.728	10.728	0.000	312345668	0.0289			
						RPD = 6.76			
15 Endosulfan II									
1	100	9.274	9.274	0.000	63258592	0.0268			
2	100	10.728	10.728	0.000	312345668	0.0285			
						RPD = 6.30			
3 4,4'-DDT									
1	100	9.708	9.708	0.000	49569536	0.0249			
2	100	11.215	11.215	0.000	123686883	0.0251			
						RPD = 0.96			
18 Endrin aldehyde									
1	100	10.068	10.068	0.000	48349967	0.0269			
2	100	11.302	11.302	0.000	132736697	0.0281			
						RPD = 4.32			
27 Methoxychlor									
1	100	10.659	10.659	0.000	24085603	0.0258			
2	100	12.292	12.292	0.000	62789404	0.0252			
						RPD = 2.04			

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	56910242	0.0262			
2	100	11.736	11.736	0.000	153773619	0.0272			
						RPD = 3.50			
19 Endrin ketone									
1	100	11.192	11.192	0.000	60230323	0.0268			
2	100	12.473	12.473	0.000	152866328	0.0265			
						RPD = 1.26			
$ 10 DCB Decachlorobiphenyl									
1	100	12.803	12.803	0.000	60095279	0.0252			
2	100	14.251	14.251	0.000	149695759	0.0261			
						RPD = 3.67			

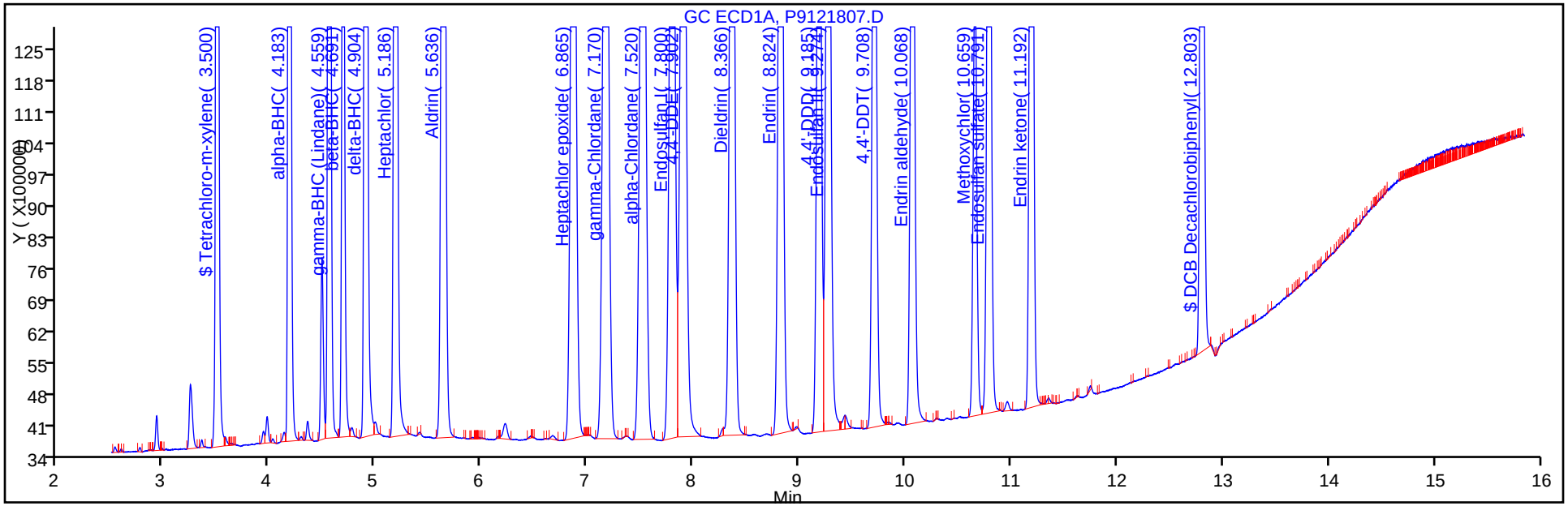
Report Date: 19-Dec-2012 12:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

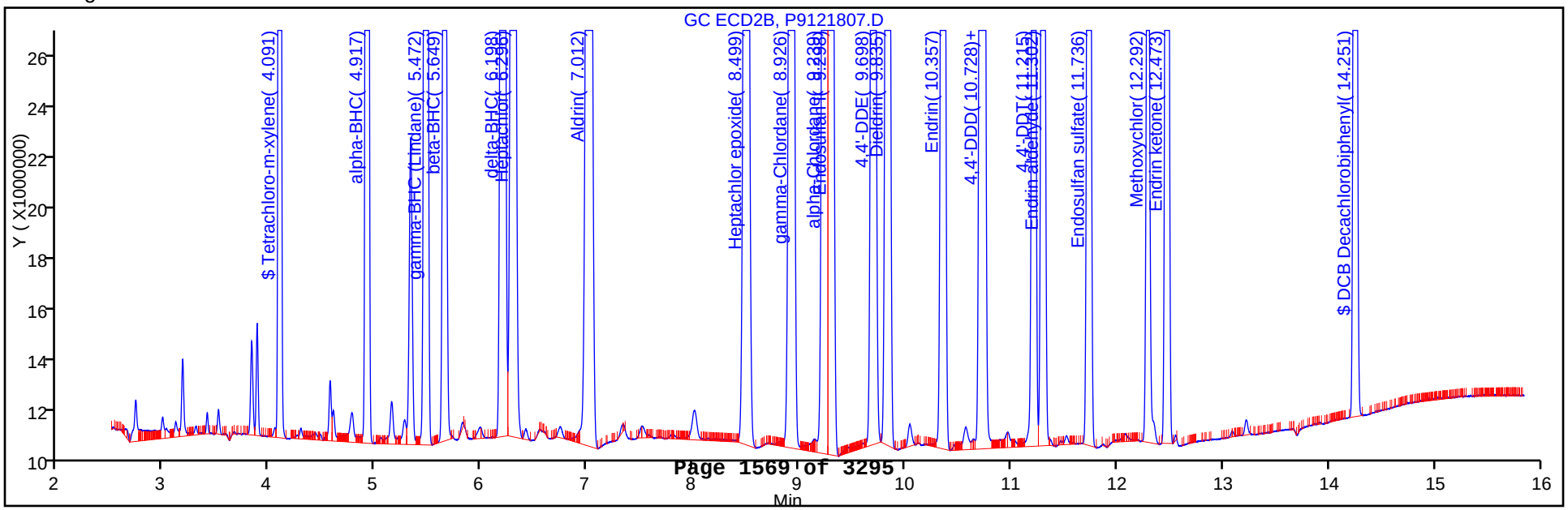
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121807.D

Injection Date:	18-Dec-2012 11:23:16	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	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 VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/7 Calibration Date: 12/18/2012 11:23

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: P9121807.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	10799529128	10872285880		0.0252	0.0250	0.7	20.0
gamma-BHC (Lindane)	Ave	8974140307	9528325680		0.0265	0.0250	6.2	20.0
beta-BHC	Ave	3772427859	4078865760		0.0270	0.0250	8.1	20.0
delta-BHC	Ave	9427568690	9947517400		0.0264	0.0250	5.5	20.0
Heptachlor	Ave	7957007710	8793323480		0.0276	0.0250	10.5	20.0
Aldrin	Ave	8850366058	9121833000		0.0258	0.0250	3.1	20.0
Heptachlor epoxide	Ave	7294024537	8039416240		0.0276	0.0250	10.2	20.0
gamma-Chlordane	Ave	7469037572	8099366240		0.0271	0.0250	8.4	20.0
alpha-Chlordane	Ave	7560544032	8142936520		0.0269	0.0250	7.7	20.0
Endosulfan I	Ave	6193816738	6969594760		0.0281	0.0250	12.5	20.0
4,4'-DDE	Ave	7499608111	7856650120		0.0262	0.0250	4.8	20.0
Dieldrin	Ave	6807572539	7508513560		0.0276	0.0250	10.3	20.0
Endrin	Ave	6326640752	7198936840		0.0284	0.0250	13.8	20.0
4,4'-DDD	Ave	10789989010	12493826720		0.0289	0.0250	15.8	20.0
Endosulfan II	Ave	10941323443	12493826720		0.0285	0.0250	14.2	20.0
4,4'-DDT	Ave	4929043014	4947475320		0.0251	0.0250	0.4	20.0
Endrin aldehyde	Ave	4731747302	5309467880		0.0281	0.0250	12.2	20.0
Endosulfan sulfate	Ave	5662882600	6150944760		0.0272	0.0250	8.6	20.0
Methoxychlor	Ave	2488628073	2511576160		0.0252	0.0250	0.9	20.0
Endrin ketone	Ave	5768215223	6114653120		0.0265	0.0250	6.0	20.0
Tetrachloro-m-xylene	Ave	7727951763	8405050480		0.0272	0.0250	8.8	20.0
DCB Decachlorobiphenyl	Ave	5736711069	5987830360		0.0261	0.0250	4.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/7 Calibration Date: 12/18/2012 11:23

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: P9121807.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	7.01	6.98	7.04
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\20121218-15955.b\P9121807.D
Lims ID: CCV AB 3 Client ID:
Inject. Date: 18-Dec-2012 11:23:16 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0015955-007
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 69152 Lims Sample ID: 7
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05 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: XAWRK024

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	67137463	0.0259			
2	100	4.091	4.091	0.000	210126262	0.0272			
						RPD = 4.85			
5 alpha-BHC									
1	100	4.183	4.183	0.000	82897467	0.0242			
2	100	4.917	4.917	0.000	271807147	0.0252			
						RPD = 3.80			
20 gamma-BHC (Lindane)									
1	100	4.559	4.559	0.000	73298222	0.0252			
2	100	5.472	5.472	0.000	238208142	0.0265			
						RPD = 5.37			
7 beta-BHC									
1	100	4.691	4.691	0.000	31444389	0.0252			
2	100	5.649	5.649	0.000	101971644	0.0270			
						RPD = 7.20			
11 delta-BHC									
1	100	4.904	4.904	0.000	76474876	0.0250			
2	100	6.198	6.198	0.000	248687935	0.0264			
						RPD = 5.46			
22 Heptachlor									
1	100	5.186	5.186	0.000	70621078	0.0266			
2	100	6.296	6.296	0.000	219833087	0.0276			
						RPD = 3.79			
4 Aldrin									
1	100	5.636	5.636	0.000	76824829	0.0241			
2	100	7.012	7.012	0.000	228045825	0.0258			
						RPD = 6.75			

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	67057173	0.0260			
2	100	8.499	8.499	0.000	200985406	0.0276			
						RPD = 5.88			
21 gamma-Chlordane									
1	100	7.170	7.170	0.000	71207430	0.0253			
2	100	8.926	8.926	0.000	202484156	0.0271			
						RPD = 6.76			
6 alpha-Chlordane									
1	100	7.520	7.520	0.000	72661185	0.0249			
2	100	9.239	9.239	0.000	203573413	0.0269			
						RPD = 7.70			
14 Endosulfan I									
1	100	7.800	7.800	0.000	64261080	0.0264			
2	100	9.298	9.298	0.000	174239869	0.0281			
						RPD = 6.19			
2 4,4'-DDE									
1	100	7.902	7.902	0.000	74230091	0.0249			
2	100	9.698	9.698	0.000	196416253	0.0262			
						RPD = 5.17			
13 Dieldrin									
1	100	8.366	8.366	0.000	65278532	0.0261			
2	100	9.835	9.835	0.000	187712839	0.0276			
						RPD = 5.36			
17 Endrin									
1	100	8.824	8.824	0.000	62466971	0.0276			
2	100	10.357	10.357	0.000	179973421	0.0284			
						RPD = 3.15			
1 4,4'-DDD									
1	100	9.185	9.185	0.000	49690711	0.0271			
2	100	10.728	10.728	0.000	312345668	0.0289			
						RPD = 6.76			
15 Endosulfan II									
1	100	9.274	9.274	0.000	63258592	0.0268			
2	100	10.728	10.728	0.000	312345668	0.0285			
						RPD = 6.30			
3 4,4'-DDT									
1	100	9.708	9.708	0.000	49569536	0.0249			
2	100	11.215	11.215	0.000	123686883	0.0251			
						RPD = 0.96			
18 Endrin aldehyde									
1	100	10.068	10.068	0.000	48349967	0.0269			
2	100	11.302	11.302	0.000	132736697	0.0281			
						RPD = 4.32			
27 Methoxychlor									
1	100	10.659	10.659	0.000	24085603	0.0258			
2	100	12.292	12.292	0.000	62789404	0.0252			
						RPD = 2.04			

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	56910242	0.0262			
2	100	11.736	11.736	0.000	153773619	0.0272			
						RPD = 3.50			
19 Endrin ketone									
1	100	11.192	11.192	0.000	60230323	0.0268			
2	100	12.473	12.473	0.000	152866328	0.0265			
						RPD = 1.26			
$ 10 DCB Decachlorobiphenyl									
1	100	12.803	12.803	0.000	60095279	0.0252			
2	100	14.251	14.251	0.000	149695759	0.0261			
						RPD = 3.67			

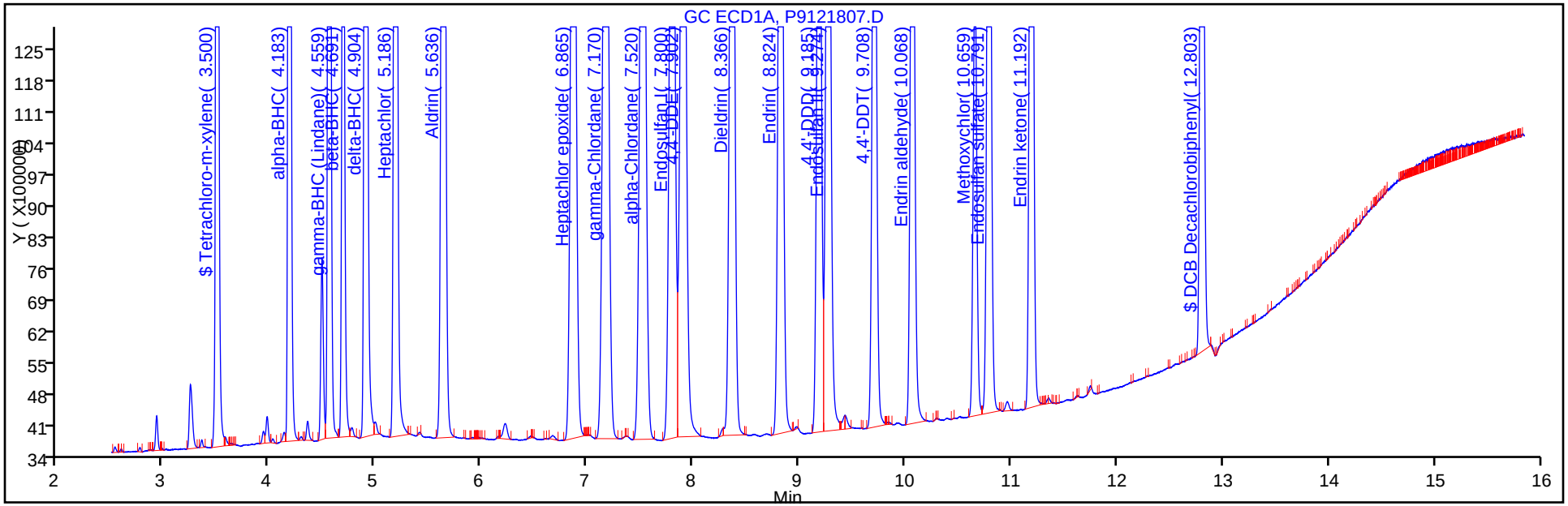
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TestAmerica Canton

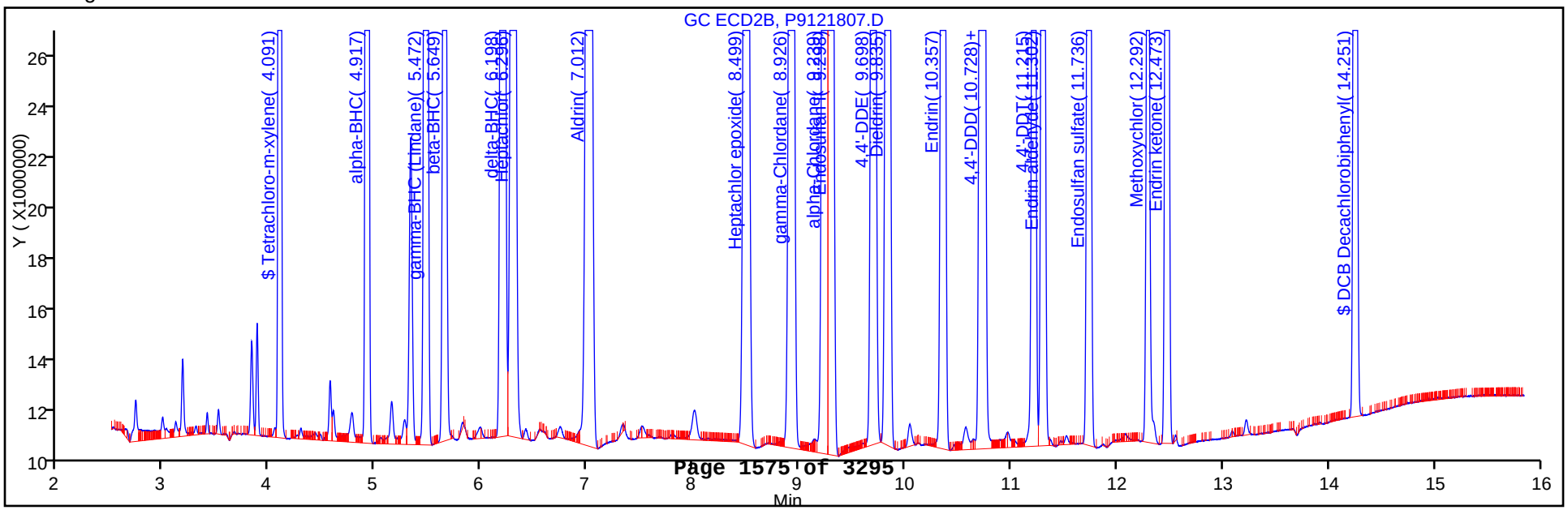
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Injection Date:	18-Dec-2012 11:23:16	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/19 Calibration Date: 12/18/2012 16:55

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: P9121819.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	66383224		0.962	1.00	-3.8	20.0
Toxaphene Peak 2	Ave	85469637	83014437		0.971	1.00	-2.9	20.0
Toxaphene Peak 3	Ave	73765512	71402933		0.968	1.00	-3.2	20.0
Toxaphene Peak 4	Ave	98743767	92902922		0.941	1.00	-5.9	20.0
Toxaphene Peak 5	Ave	63625849	57612800		0.905	1.00	-9.5	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/19 Calibration Date: 12/18/2012 16:55

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: P9121819.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\20121218-15955.b\P9121819.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 18-Dec-2012 16:55:06 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015955-019
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 69152 Lims Sample ID: 19
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:18 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: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:45:33

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	66383224	0.9622		100.0	
1	2	9.951	9.951	0.000	83014437	0.9713	105.5- 145.5	125.1	
1	3	10.019	10.019	0.000	71402933	0.9680	90.3- 130.3	107.6	
1	4	10.603	10.603	0.000	92902922	0.9408	116.9- 156.9	139.9	
1	5	11.168	11.168	0.000	57612800	0.9055	64.5- 104.5	86.8	
			Average of Peak Amounts =			0.9496			
2	100	10.893	10.893	0.000	250330028	0.9429		100.0	M
2	2	11.440	11.440	0.000	147554859	0.8890	43.7- 83.7	58.9	M
2	3	11.843	11.843	0.000	142604618	0.8316	45.7- 85.7	57.0	M
2	4	12.071	12.071	0.000	211779796	0.8247	80.2- 120.2	84.6	M
2	5	12.458	12.458	0.000	89999323	0.7361	28.1- 68.1	36.0	M
			Average of Peak Amounts =			0.8449			
						RPD = 11.67			

QC Flag Legend

Review Flags
M - Manually Integrated

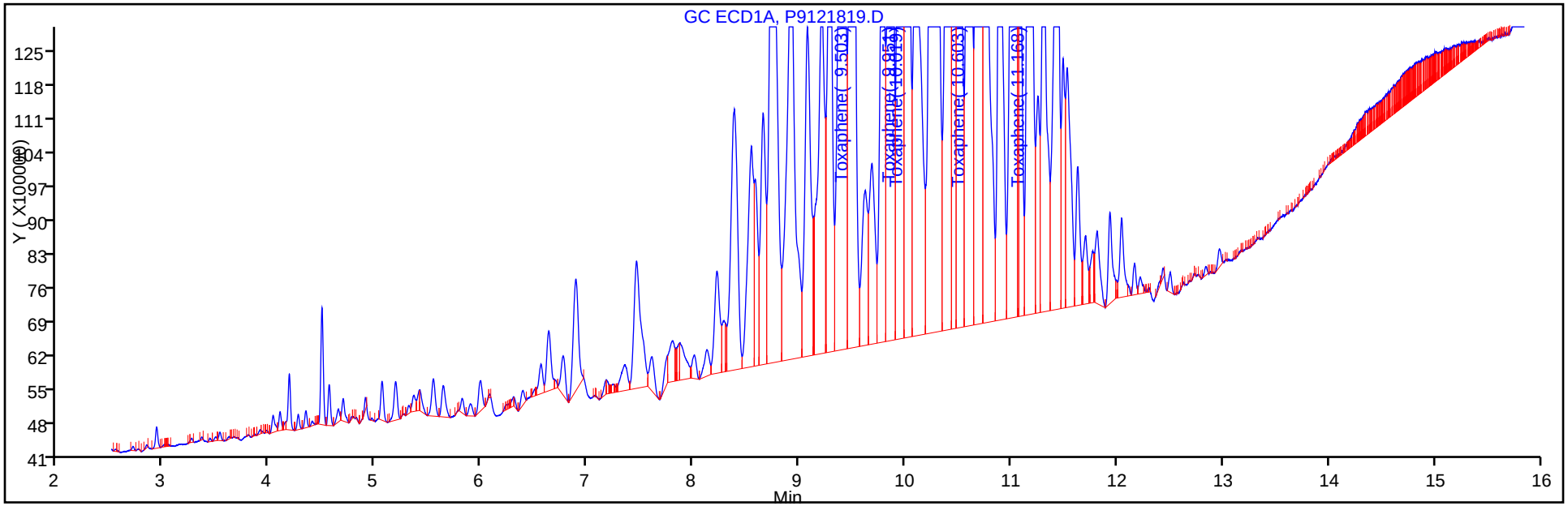
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TestAmerica Canton

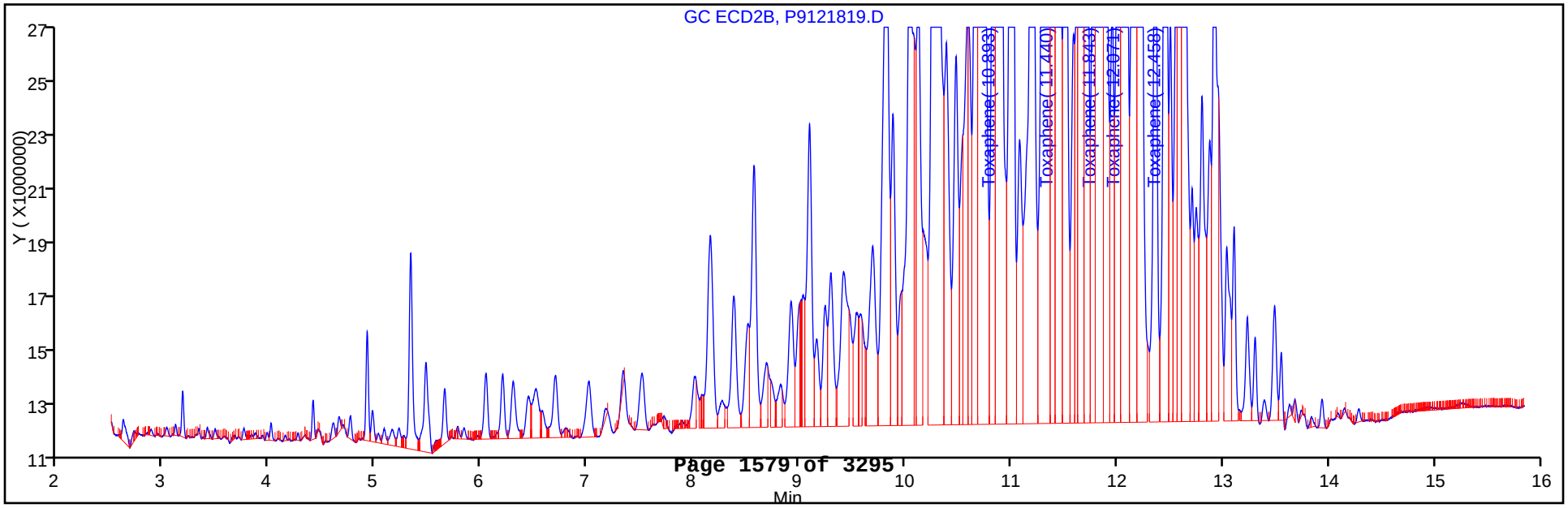
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Injection Date:	18-Dec-2012 16:55:06	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/19 Calibration Date: 12/18/2012 16:55

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: P9121819.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	250330028		0.943	1.00	-5.7	20.0
Toxaphene Peak 2	Ave	165982849	147554859		0.889	1.00	-11.1	20.0
Toxaphene Peak 3	Ave	171487862	142604618		0.832	1.00	-16.8	20.0
Toxaphene Peak 4	Ave	256795996	211779796		0.825	1.00	-17.5	20.0
Toxaphene Peak 5	Ave	122259762	89999323		0.736	1.00	-26.4*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/19 Calibration Date: 12/18/2012 16:55

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: P9121819.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\20121218-15955.b\P9121819.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 18-Dec-2012 16:55:06 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015955-019
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 69152 Lims Sample ID: 19
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:18 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: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:45:33

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	66383224	0.9622		100.0	
1	2	9.951	9.951	0.000	83014437	0.9713	105.5- 145.5	125.1	
1	3	10.019	10.019	0.000	71402933	0.9680	90.3- 130.3	107.6	
1	4	10.603	10.603	0.000	92902922	0.9408	116.9- 156.9	139.9	
1	5	11.168	11.168	0.000	57612800	0.9055	64.5- 104.5	86.8	
			Average of Peak Amounts =			0.9496			
2	100	10.893	10.893	0.000	250330028	0.9429		100.0	M
2	2	11.440	11.440	0.000	147554859	0.8890	43.7- 83.7	58.9	M
2	3	11.843	11.843	0.000	142604618	0.8316	45.7- 85.7	57.0	M
2	4	12.071	12.071	0.000	211779796	0.8247	80.2- 120.2	84.6	M
2	5	12.458	12.458	0.000	89999323	0.7361	28.1- 68.1	36.0	M
			Average of Peak Amounts =			0.8449			
						RPD = 11.67			

QC Flag Legend

Review Flags
M - Manually Integrated

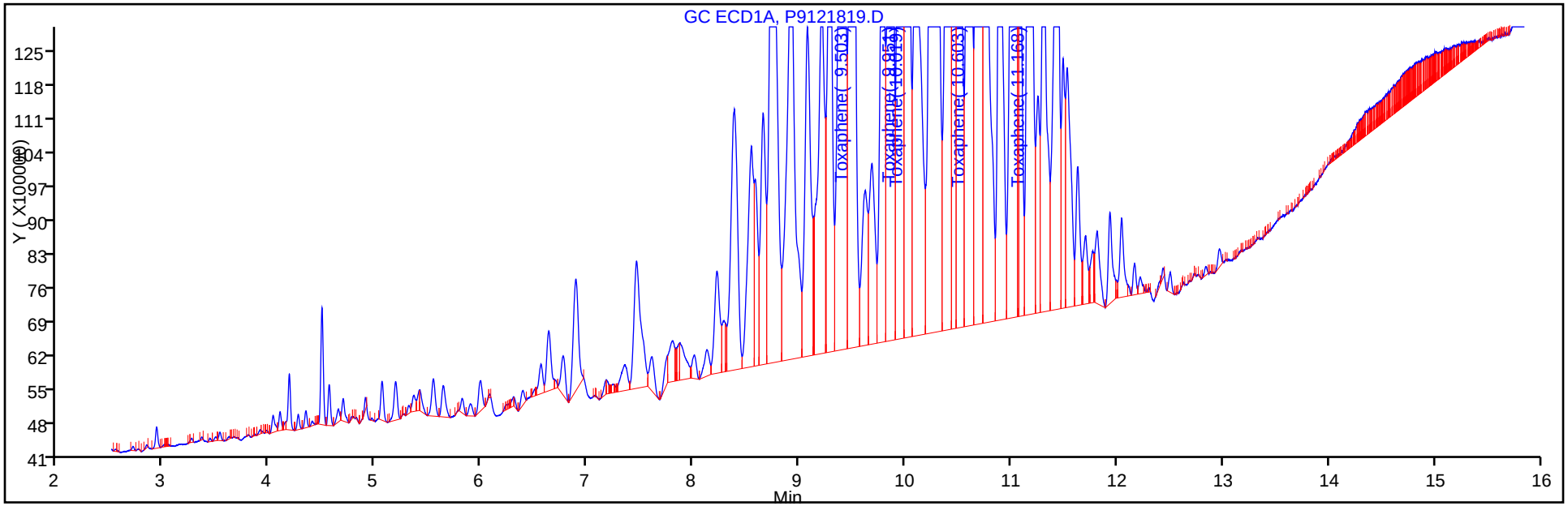
Report Date: 19-Dec-2012 12:50:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

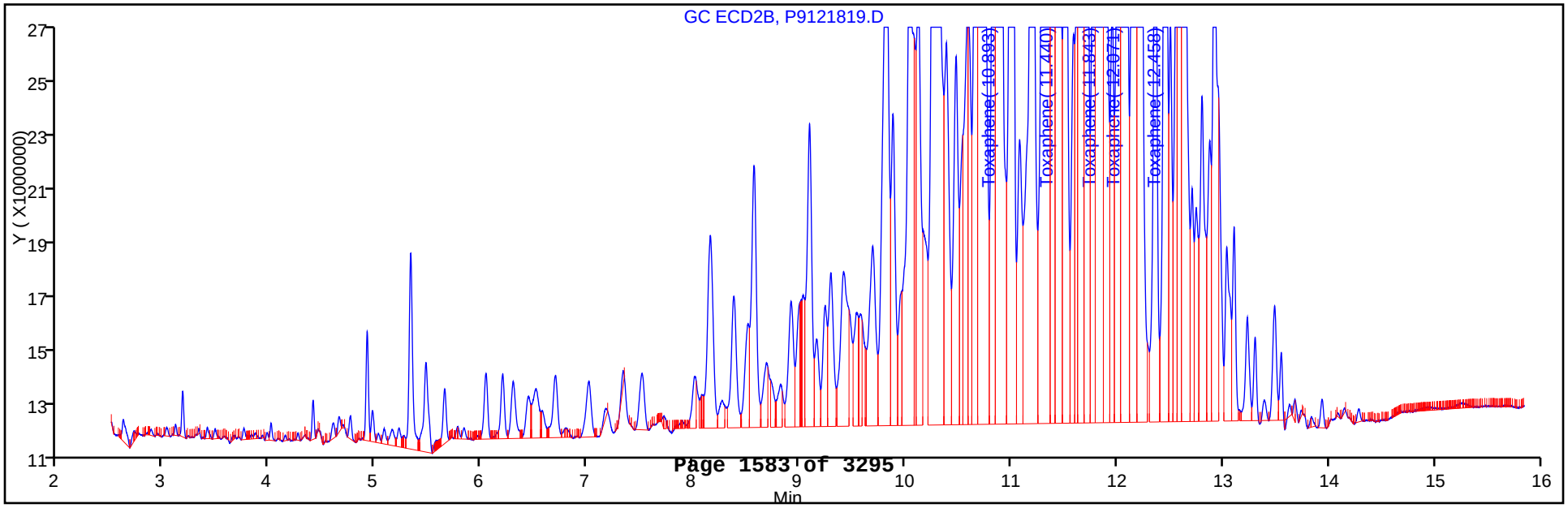
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Injection Date:	18-Dec-2012 16:55:06	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



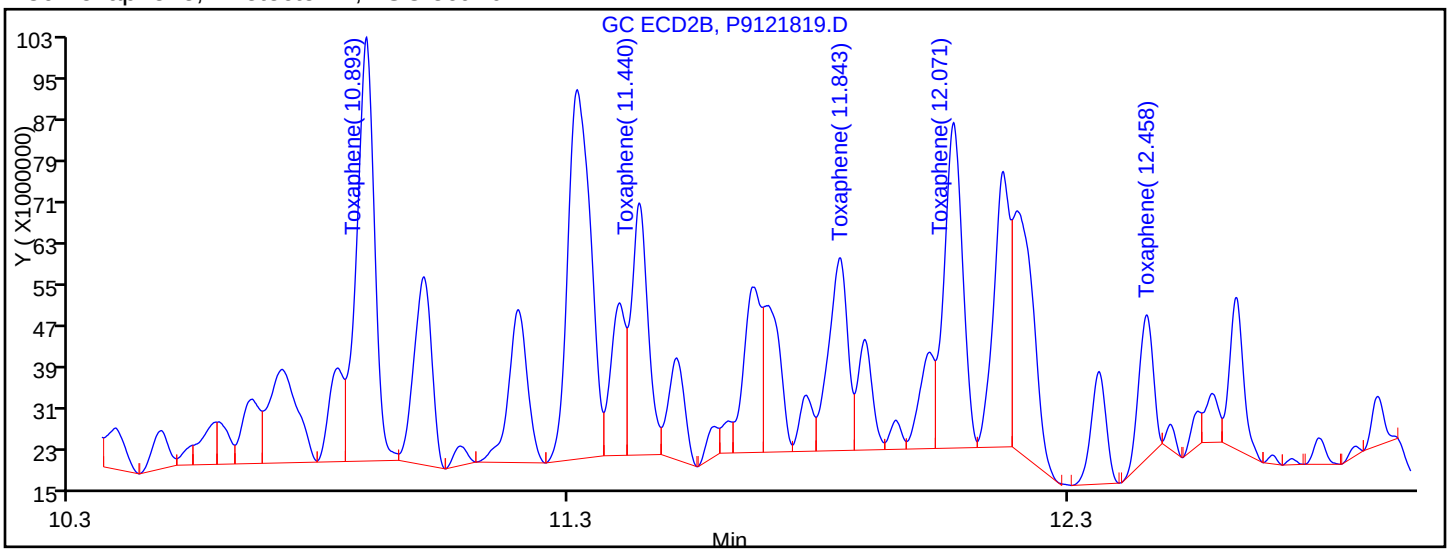
Report Date: 19-Dec-2012 12:50:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121819.D

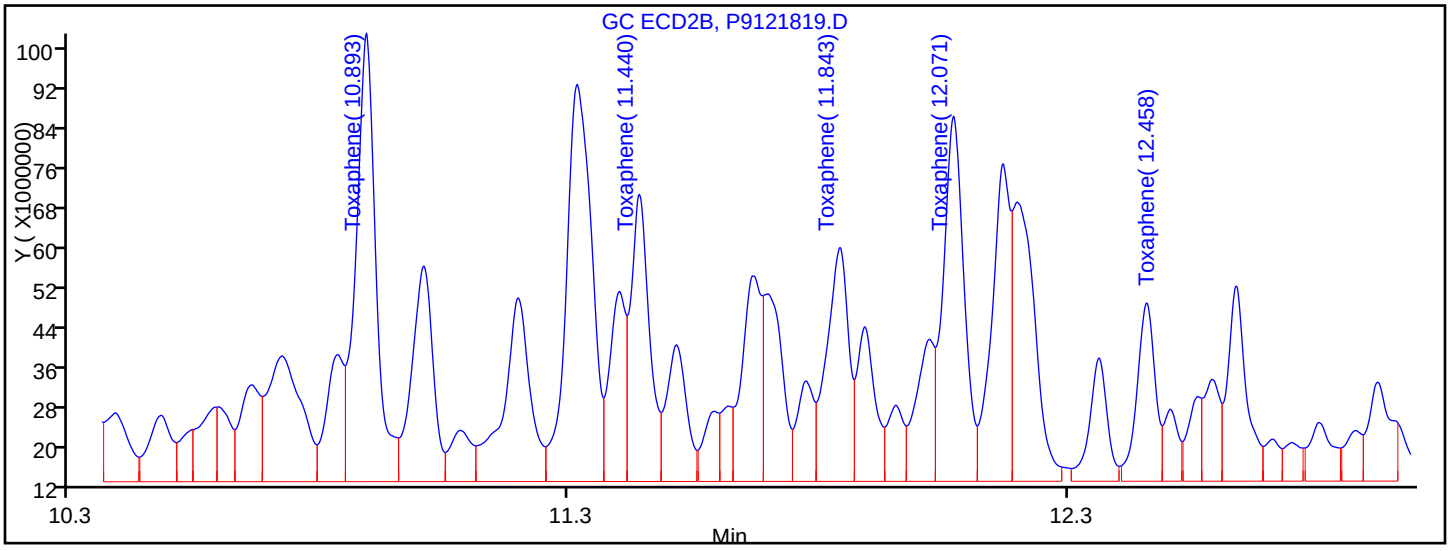
Injection Date:	18-Dec-2012 16:55:06	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.893	Response = 203301747	M
RT = 11.440	Response = 112776281	M
RT = 11.843	Response = 99919992	M
RT = 12.071	Response = 162369978	M
RT = 12.458	Response = 56638962	M



Manual Integration Results

RT = 10.893	Response = 250330028	M
RT = 11.440	Response = 147554859	M
RT = 11.843	Response = 142604618	M
RT = 12.071	Response = 211779796	M
RT = 12.458	Response = 89999323	M

Reviewer: vandorenc, 19-Dec-2012 12:45:33

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/21 Calibration Date: 12/18/2012 17:49

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: P9121821.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3421434316	3380923680		0.0247	0.0250	-1.2	20.0
gamma-BHC (Lindane)	Ave	2913769986	2931254760		0.0252	0.0250	0.6	20.0
beta-BHC	Ave	1250224244	1261313400		0.0252	0.0250	0.9	20.0
delta-BHC	Ave	3061752536	3097207640		0.0253	0.0250	1.2	20.0
Heptachlor	Ave	2655006807	2852007240		0.0269	0.0250	7.4	20.0
Aldrin	Ave	3189768763	3144341280		0.0246	0.0250	-1.4	20.0
Heptachlor epoxide	Ave	2580951581	2661041800		0.0258	0.0250	3.1	20.0
gamma-Chlordane	Ave	2810352112	2808277240		0.0250	0.0250	-0.0	20.0
alpha-Chlordane	Ave	2914578305	2879871000		0.0247	0.0250	-1.2	20.0
Endosulfan I	Ave	2430184025	2530428280		0.0260	0.0250	4.1	20.0
4,4'-DDE	Ave	2984641558	2976072000		0.0249	0.0250	-0.3	20.0
Dieldrin	Ave	2497683571	2567929080		0.0257	0.0250	2.8	20.0
Endrin	Ave	2266106237	2422298840		0.0267	0.0250	6.9	20.0
4,4'-DDD	Ave	1836592891	1938148800		0.0264	0.0250	5.5	20.0
Endosulfan II	Ave	2359969486	2420381000		0.0256	0.0250	2.6	20.0
4,4'-DDT	Ave	1994537456	1942544280		0.0243	0.0250	-2.6	20.0
Endrin aldehyde	Ave	1799719498	1874105320		0.0260	0.0250	4.1	20.0
Methoxychlor	Ave	935306693	930168520		0.0249	0.0250	-0.5	20.0
Endosulfan sulfate	Ave	2170510402	2191372680		0.0252	0.0250	1.0	20.0
Endrin ketone	Ave	2244151853	2293484760		0.0255	0.0250	2.2	20.0
Tetrachloro-m-xylene	Ave	2591877195	2778422920		0.0268	0.0250	7.2	20.0
DCB Decachlorobiphenyl	Ave	2389162404	2285085120		0.0239	0.0250	-4.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/21 Calibration Date: 12/18/2012 17:49

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: P9121821.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	8.83	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
Tetrachloro-m-xylene	3.50	3.47	3.53
DCB Decachlorobiphenyl	12.81	12.78	12.84

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121821.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 18-Dec-2012 17:49:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015955-021
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 69152 Lims Sample ID: 21
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:20 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: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:46:55

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	3.501	0.000	69460573	0.0268			
2	100	4.091	4.091	0.000	206080933	0.0267			
						RPD = 0.50			
5 alpha-BHC									
1	100	4.184	4.184	0.000	84523092	0.0247			
2	100	4.917	4.917	0.000	260269910	0.0241			
						RPD = 2.47			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	73281369	0.0252			
2	100	5.473	5.473	0.000	222388705	0.0248			
						RPD = 1.48			
7 beta-BHC									
1	100	4.691	4.691	0.000	31532835	0.0252			
2	100	5.649	5.649	0.000	96319412	0.0255			
						RPD = 1.22			
11 delta-BHC									
1	100	4.905	4.905	0.000	77430191	0.0253			
2	100	6.199	6.199	0.000	237678612	0.0252			
						RPD = 0.31			
22 Heptachlor									
1	100	5.186	5.186	0.000	71300181	0.0269			
2	100	6.298	6.298	0.000	207839487	0.0261			
						RPD = 2.77			
4 Aldrin									
1	100	5.636	5.636	0.000	78608532	0.0246			
2	100	7.013	7.013	0.000	219644967	0.0248			
						RPD = 0.70			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.866	6.866	0.000	66526045	0.0258			
2	100	8.500	8.500	0.000	187254144	0.0257			
						RPD = 0.40			
21 gamma-Chlordane									
1	100	7.171	7.171	0.000	70206931	0.0250			
2	100	8.927	8.927	0.000	187442778	0.0251			
						RPD = 0.46			
6 alpha-Chlordane									
1	100	7.521	7.521	0.000	71996775	0.0247			
2	100	9.240	9.240	0.000	190630666	0.0252			
						RPD = 2.05			
14 Endosulfan I									
1	100	7.800	7.800	0.000	63260707	0.0260			
2	100	9.301	9.301	0.000	160569612	0.0259			
						RPD = 0.41			
2 4,4'-DDE									
1	100	7.903	7.903	0.000	74401800	0.0249			
2	100	9.700	9.700	0.000	187343566	0.0250			
						RPD = 0.21			
13 Dieldrin									
1	100	8.366	8.366	0.000	64198227	0.0257			
2	100	9.836	9.836	0.000	173004856	0.0254			
						RPD = 1.13			
17 Endrin									
1	100	8.825	8.825	0.000	60557471	0.0267			
2	100	10.357	10.357	0.000	163871249	0.0259			
						RPD = 3.12			
1 4,4'-DDD									M
1	100	9.188	9.188	0.000	48453720	0.0264			
2	100	10.728	10.728	0.000	277631467	0.0257			M
						RPD = 2.50			
15 Endosulfan II									M
1	100	9.275	9.275	0.000	60509525	0.0256			
2	100	10.728	10.728	0.000	277631467	0.0254			M
						RPD = 1.04			
3 4,4'-DDT									
1	100	9.709	9.709	0.000	48563607	0.0243			
2	100	11.215	11.215	0.000	110099968	0.0223			
						RPD = 8.62			
18 Endrin aldehyde									
1	100	10.071	10.071	0.000	46852633	0.0260			
2	100	11.302	11.302	0.000	118352363	0.0250			
						RPD = 4.00			
27 Methoxychlor									
1	100	10.660	10.660	0.000	23254213	0.0249			
2	100	12.293	12.293	0.000	56340887	0.0226			
						RPD = 9.36			

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	54784317	0.0252			
2	100	11.736	11.736	0.000	137634605	0.0243			
						RPD = 3.78			
19 Endrin ketone									
1	100	11.193	11.193	0.000	57337119	0.0255			
2	100	12.473	12.473	0.000	134874318	0.0234			
						RPD = 8.86			
$ 10 DCB Decachlorobiphenyl									
1	100	12.805	12.805	0.000	57127128	0.0239			
2	100	14.252	14.252	0.000	130722378	0.0228			
						RPD = 4.81			

QC Flag Legend

Review Flags
M - Manually Integrated

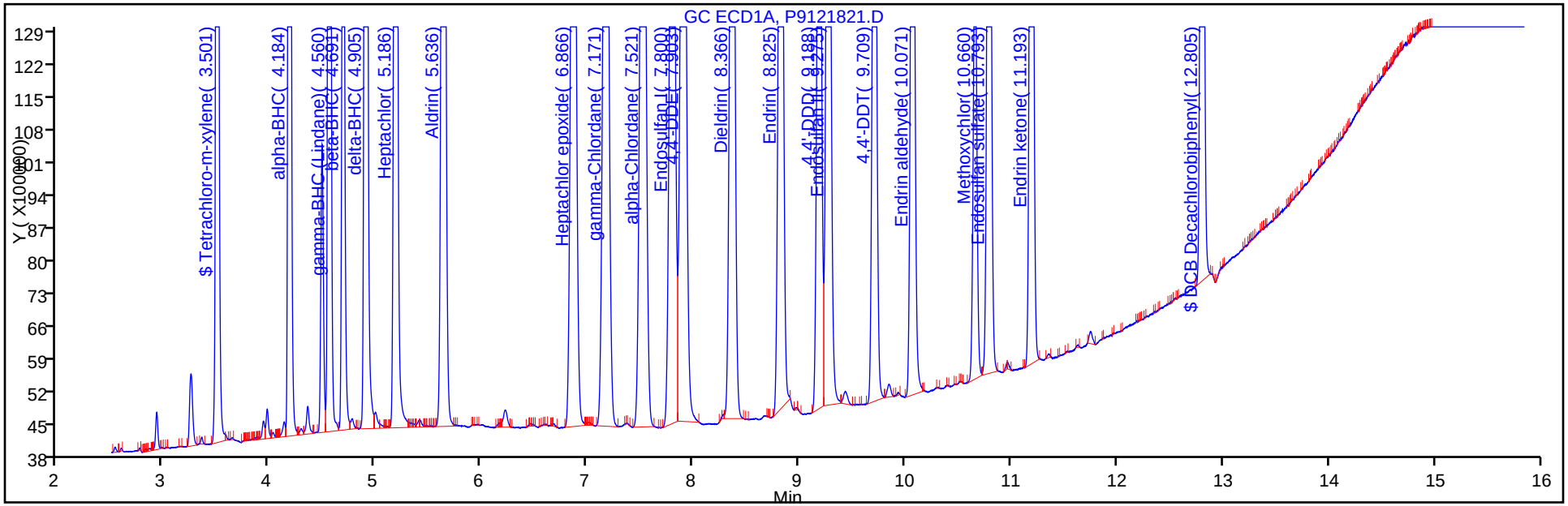
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TestAmerica Canton

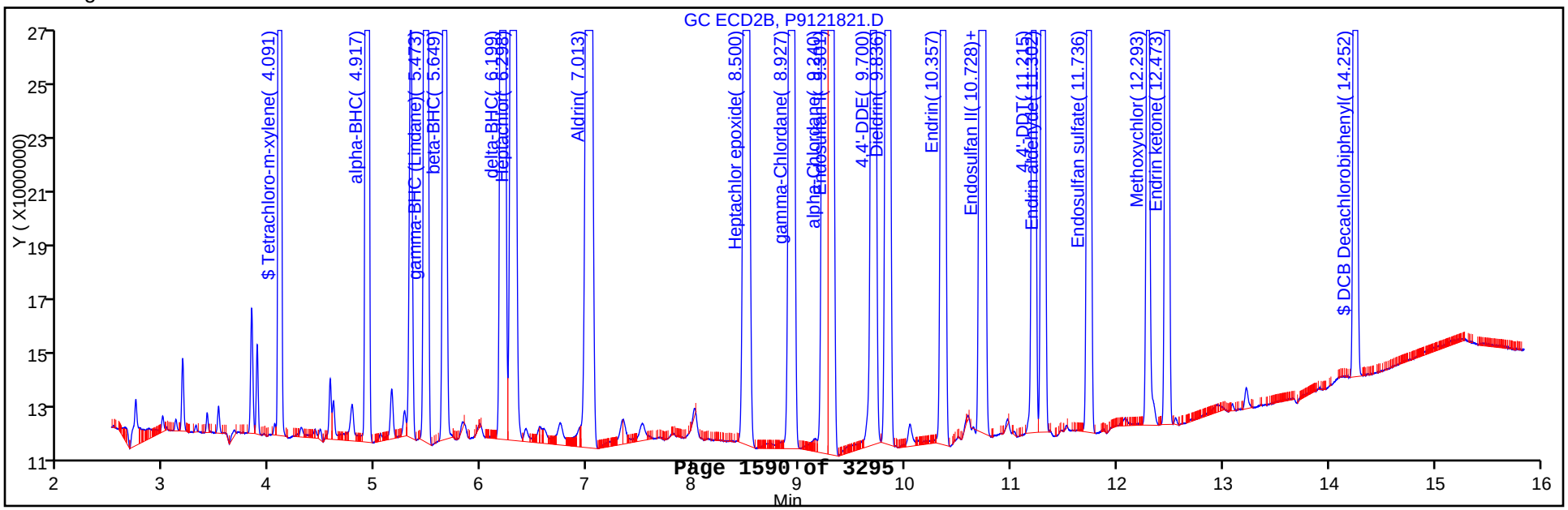
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Injection Date:	18-Dec-2012 17:49:53	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	Lims Sample ID:	21
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/21 Calibration Date: 12/18/2012 17:49

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: P9121821.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	10799529128	10410796400		0.0241	0.0250	-3.6	20.0
gamma-BHC (Lindane)	Ave	8974140307	8895548200		0.0248	0.0250	-0.9	20.0
beta-BHC	Ave	3772427859	3852776480		0.0255	0.0250	2.1	20.0
delta-BHC	Ave	9427568690	9507144480		0.0252	0.0250	0.8	20.0
Heptachlor	Ave	7957007710	8313579480		0.0261	0.0250	4.5	20.0
Aldrin	Ave	8850366058	8785798680		0.0248	0.0250	-0.7	20.0
Heptachlor epoxide	Ave	7294024537	7490165760		0.0257	0.0250	2.7	20.0
gamma-Chlordane	Ave	7469037572	7497711120		0.0251	0.0250	0.4	20.0
alpha-Chlordane	Ave	7560544032	7625226640		0.0252	0.0250	0.9	20.0
Endosulfan I	Ave	6193816738	6422784480		0.0259	0.0250	3.7	20.0
4,4'-DDE	Ave	7499608111	7493742640		0.0250	0.0250	-0.0	20.0
Dieldrin	Ave	6807572539	6920194240		0.0254	0.0250	1.7	20.0
Endrin	Ave	6326640752	6554849960		0.0259	0.0250	3.6	20.0
4,4'-DDD	Ave	10789989010	11105258680		0.0257	0.0250	2.9	20.0
Endosulfan II	Ave	10941323443	11105258680		0.0254	0.0250	1.5	20.0
4,4'-DDT	Ave	4929043014	4403998720		0.0223	0.0250	-10.7	20.0
Endrin aldehyde	Ave	4731747302	4734094520		0.0250	0.0250	0.0	20.0
Endosulfan sulfate	Ave	5662882600	5505384200		0.0243	0.0250	-2.8	20.0
Methoxychlor	Ave	2488628073	2253635480		0.0226	0.0250	-9.4	20.0
Endrin ketone	Ave	5768215223	5394972720		0.0234	0.0250	-6.5	20.0
Tetrachloro-m-xylene	Ave	7727951763	8243237320		0.0267	0.0250	6.7	20.0
DCB Decachlorobiphenyl	Ave	5736711069	5228895120		0.0228	0.0250	-8.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-69152/21 Calibration Date: 12/18/2012 17:49

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: P9121821.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	7.01	6.98	7.04
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\20121218-15955.b\P9121821.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 18-Dec-2012 17:49:53 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0015955-021
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 69152 Lims Sample ID: 21
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:20 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: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:46:55

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	3.501	0.000	69460573	0.0268			
2	100	4.091	4.091	0.000	206080933	0.0267			
						RPD = 0.50			
5 alpha-BHC									
1	100	4.184	4.184	0.000	84523092	0.0247			
2	100	4.917	4.917	0.000	260269910	0.0241			
						RPD = 2.47			
20 gamma-BHC (Lindane)									
1	100	4.560	4.560	0.000	73281369	0.0252			
2	100	5.473	5.473	0.000	222388705	0.0248			
						RPD = 1.48			
7 beta-BHC									
1	100	4.691	4.691	0.000	31532835	0.0252			
2	100	5.649	5.649	0.000	96319412	0.0255			
						RPD = 1.22			
11 delta-BHC									
1	100	4.905	4.905	0.000	77430191	0.0253			
2	100	6.199	6.199	0.000	237678612	0.0252			
						RPD = 0.31			
22 Heptachlor									
1	100	5.186	5.186	0.000	71300181	0.0269			
2	100	6.298	6.298	0.000	207839487	0.0261			
						RPD = 2.77			
4 Aldrin									
1	100	5.636	5.636	0.000	78608532	0.0246			
2	100	7.013	7.013	0.000	219644967	0.0248			
						RPD = 0.70			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.866	6.866	0.000	66526045	0.0258			
2	100	8.500	8.500	0.000	187254144	0.0257			
						RPD = 0.40			
21 gamma-Chlordane									
1	100	7.171	7.171	0.000	70206931	0.0250			
2	100	8.927	8.927	0.000	187442778	0.0251			
						RPD = 0.46			
6 alpha-Chlordane									
1	100	7.521	7.521	0.000	71996775	0.0247			
2	100	9.240	9.240	0.000	190630666	0.0252			
						RPD = 2.05			
14 Endosulfan I									
1	100	7.800	7.800	0.000	63260707	0.0260			
2	100	9.301	9.301	0.000	160569612	0.0259			
						RPD = 0.41			
2 4,4'-DDE									
1	100	7.903	7.903	0.000	74401800	0.0249			
2	100	9.700	9.700	0.000	187343566	0.0250			
						RPD = 0.21			
13 Dieldrin									
1	100	8.366	8.366	0.000	64198227	0.0257			
2	100	9.836	9.836	0.000	173004856	0.0254			
						RPD = 1.13			
17 Endrin									
1	100	8.825	8.825	0.000	60557471	0.0267			
2	100	10.357	10.357	0.000	163871249	0.0259			
						RPD = 3.12			
1 4,4'-DDD									M
1	100	9.188	9.188	0.000	48453720	0.0264			
2	100	10.728	10.728	0.000	277631467	0.0257			M
						RPD = 2.50			
15 Endosulfan II									M
1	100	9.275	9.275	0.000	60509525	0.0256			
2	100	10.728	10.728	0.000	277631467	0.0254			M
						RPD = 1.04			
3 4,4'-DDT									
1	100	9.709	9.709	0.000	48563607	0.0243			
2	100	11.215	11.215	0.000	110099968	0.0223			
						RPD = 8.62			
18 Endrin aldehyde									
1	100	10.071	10.071	0.000	46852633	0.0260			
2	100	11.302	11.302	0.000	118352363	0.0250			
						RPD = 4.00			
27 Methoxychlor									
1	100	10.660	10.660	0.000	23254213	0.0249			
2	100	12.293	12.293	0.000	56340887	0.0226			
						RPD = 9.36			

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	54784317	0.0252			
2	100	11.736	11.736	0.000	137634605	0.0243			
						RPD = 3.78			
19 Endrin ketone									
1	100	11.193	11.193	0.000	57337119	0.0255			
2	100	12.473	12.473	0.000	134874318	0.0234			
						RPD = 8.86			
$ 10 DCB Decachlorobiphenyl									
1	100	12.805	12.805	0.000	57127128	0.0239			
2	100	14.252	14.252	0.000	130722378	0.0228			
						RPD = 4.81			

QC Flag Legend

Review Flags
M - Manually Integrated

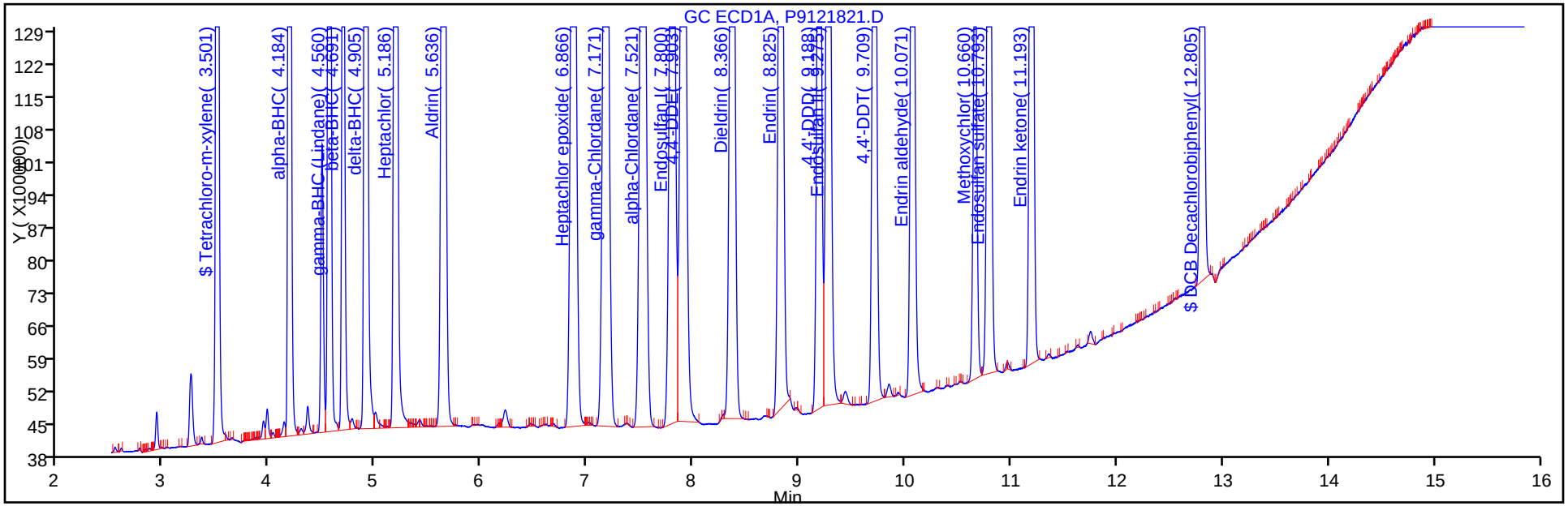
Report Date: 19-Dec-2012 12:50:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

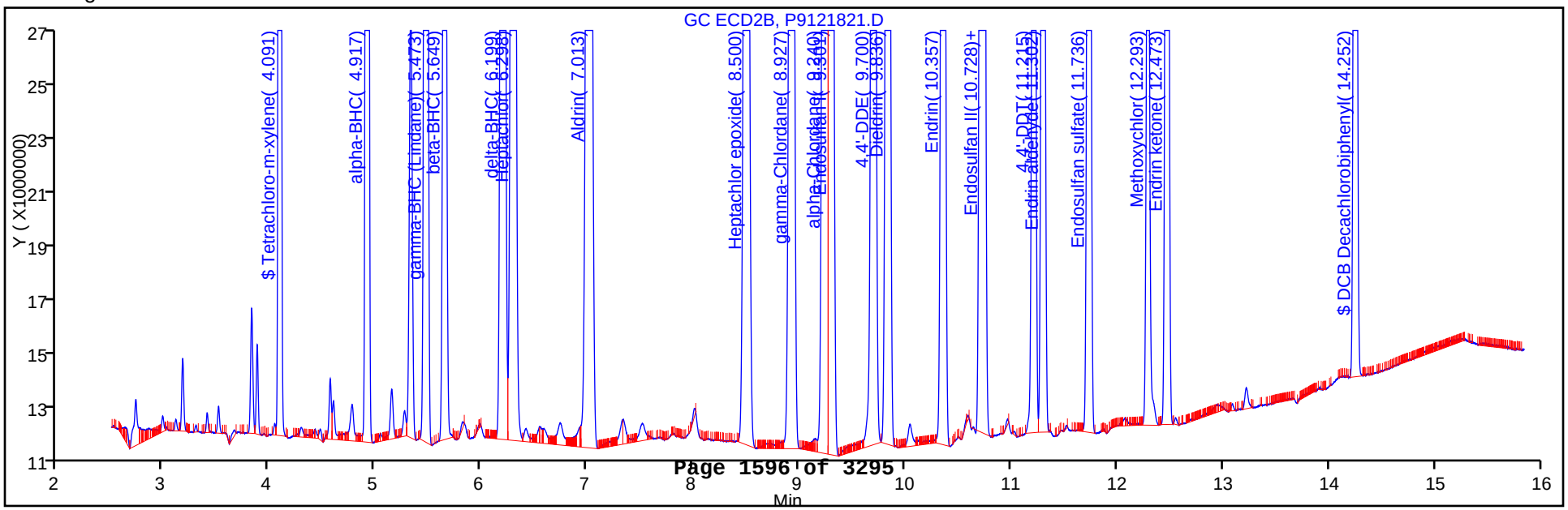
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Injection Date:	18-Dec-2012 17:49:53	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	Lims Sample ID:	21
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 19-Dec-2012 12:50:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

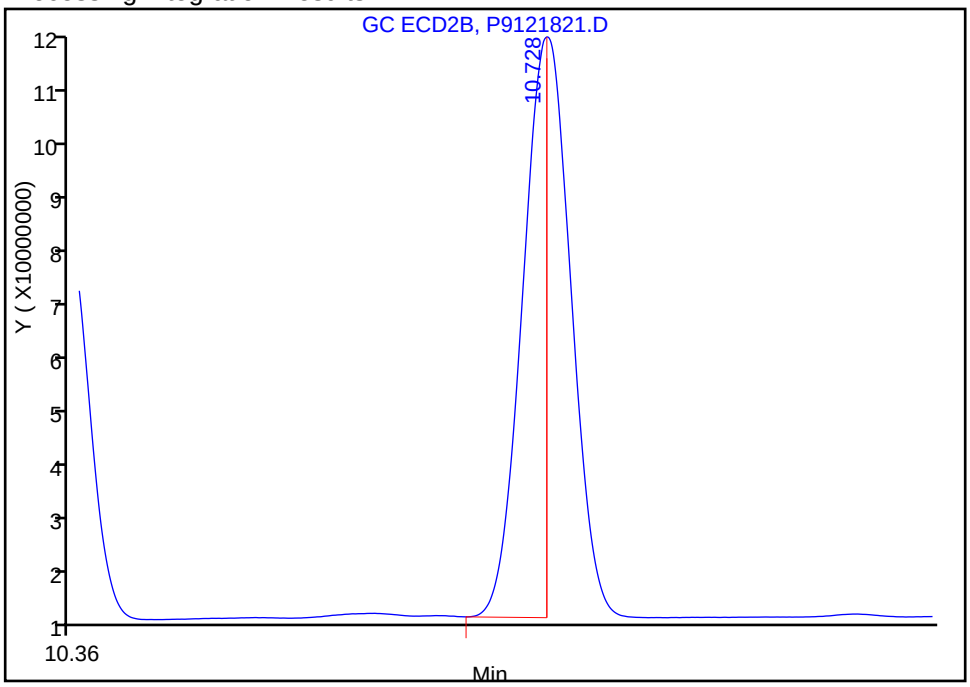
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121821.D		
Injection Date:	18-Dec-2012 17:49:53	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	Lims Sample ID:	21
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

1 4,4'-DDD, Signal: 2, Type: quant, RT: 10.73, Det: GC ecd2b

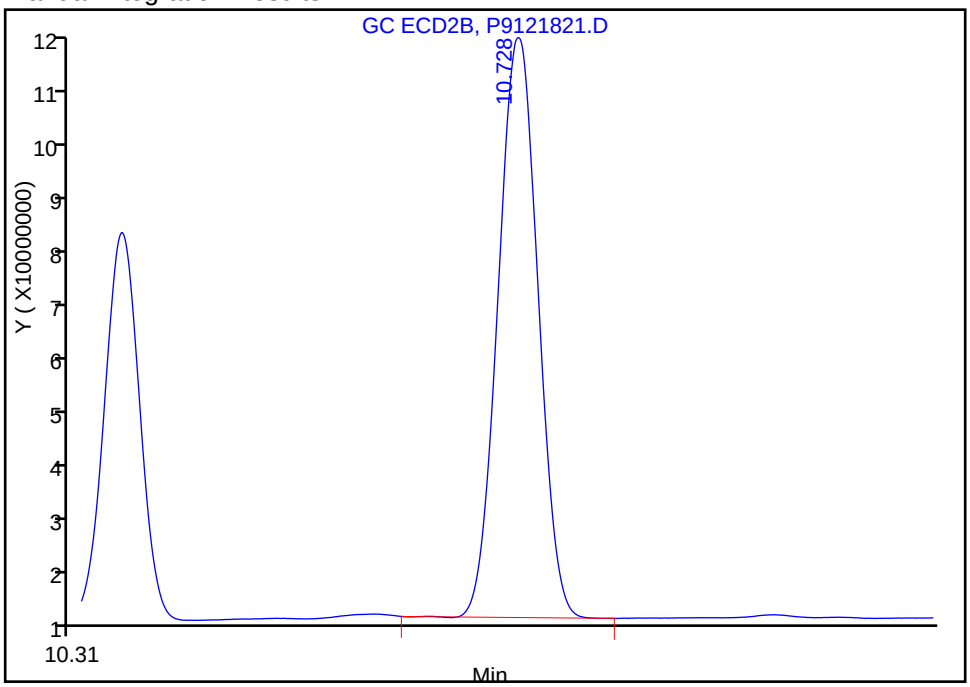
Processing Integration Results

RT: 10.73
Response: 137676116
Amount: 0.012760



Manual Integration Results

RT: 10.73
Response: 277631467
Amount: 0.025730



Reviewer: vandorenc, 19-Dec-2012 12:46:55
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

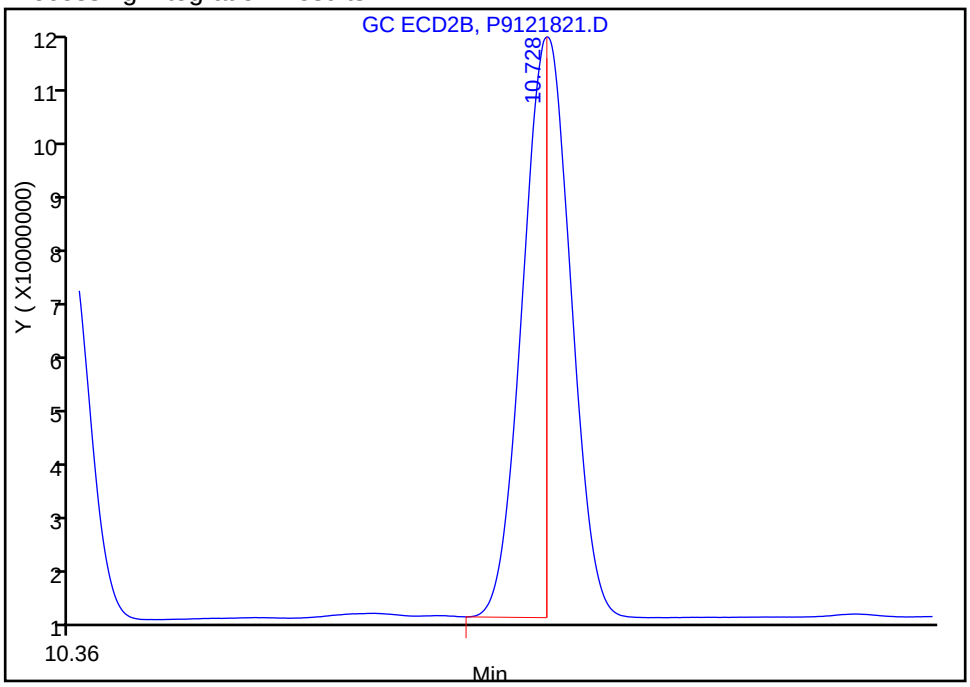
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121821.D		
Injection Date:	18-Dec-2012 17:49:53	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	Lims Sample ID:	21
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

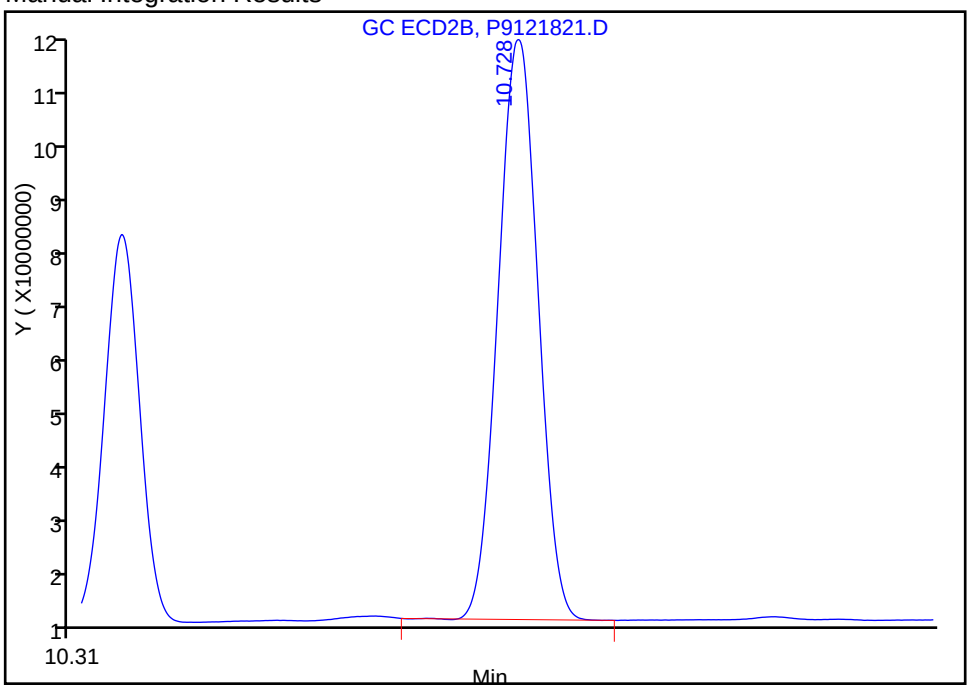
Processing Integration Results

RT: 10.73
Response: 137676116
Amount: 0.012583



Manual Integration Results

RT: 10.73
Response: 277631467
Amount: 0.025375



Reviewer: vandorenc, 19-Dec-2012 12:46:55
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

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.: 240-18735-2

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			

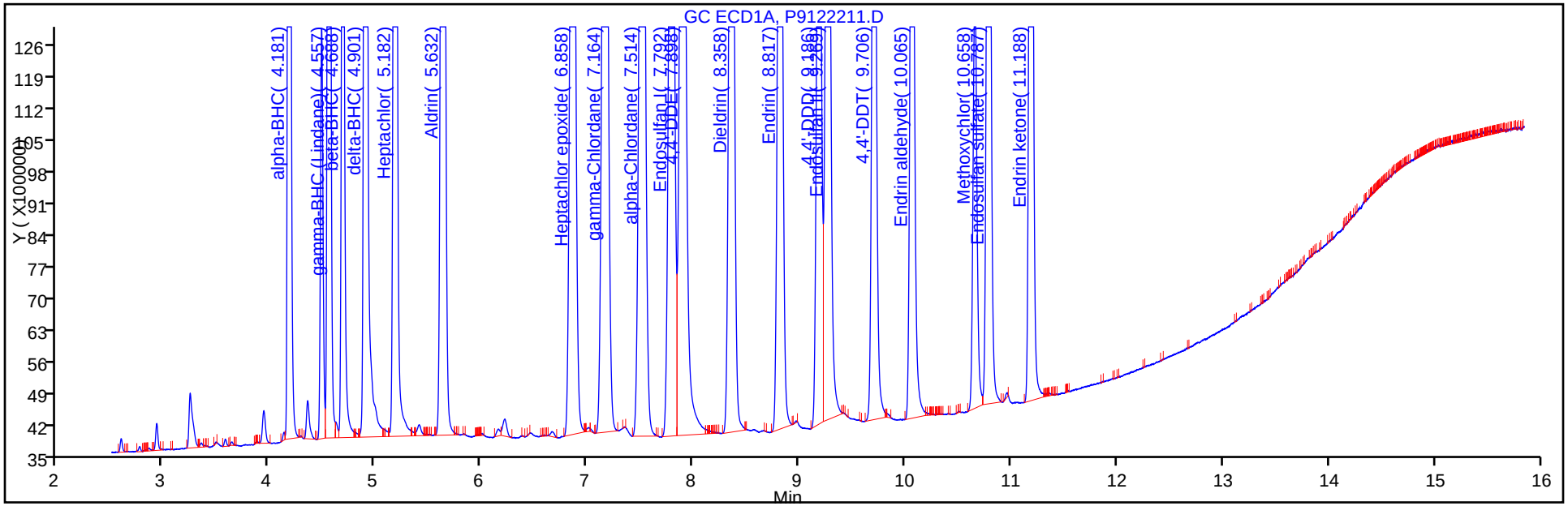
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TestAmerica Canton

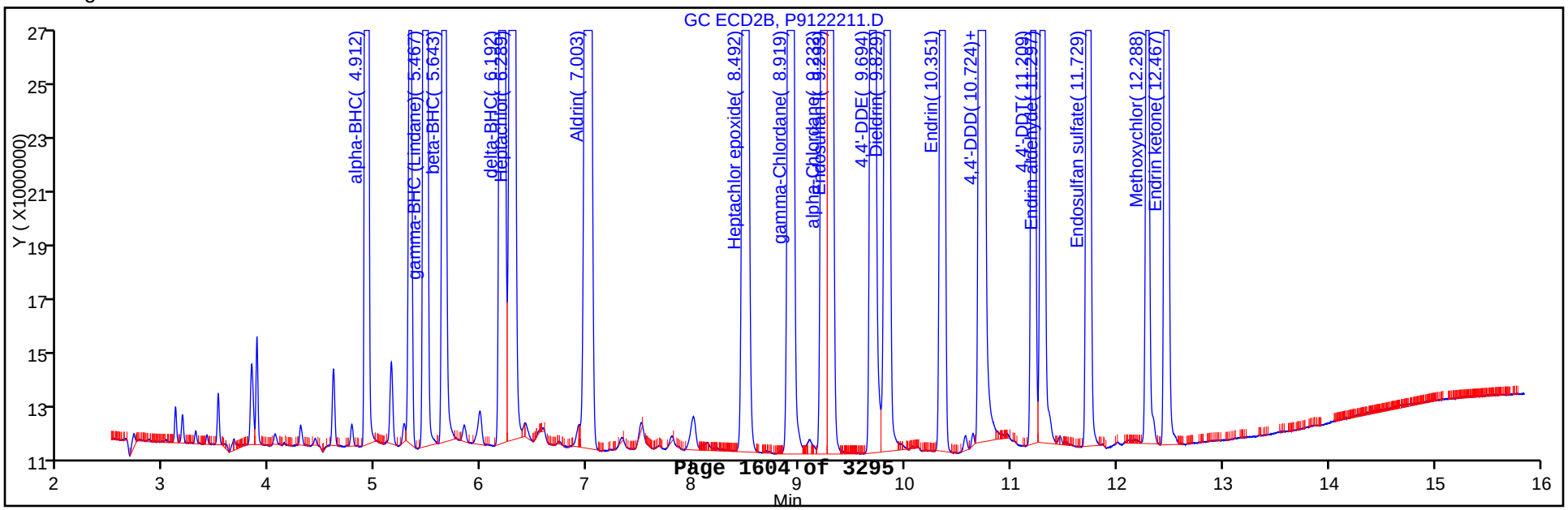
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Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69893	Lims Sample ID:	11
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18735-2

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.: 240-18735-2

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			

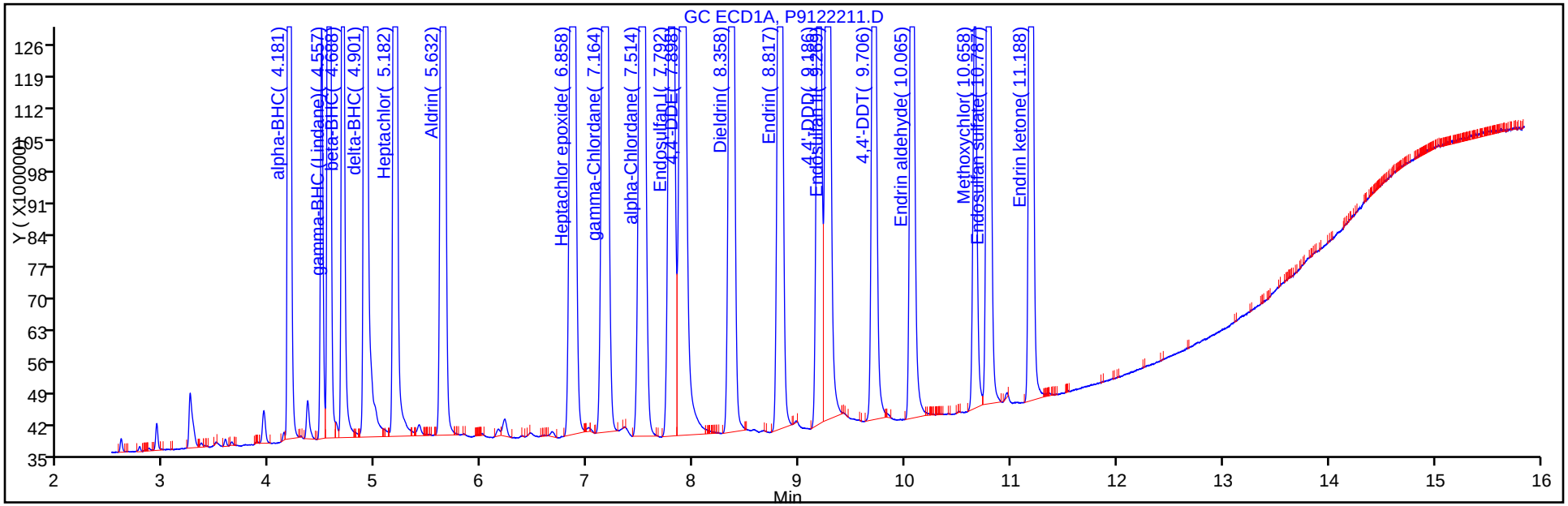
Report Date: 31-Dec-2012 10:57:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

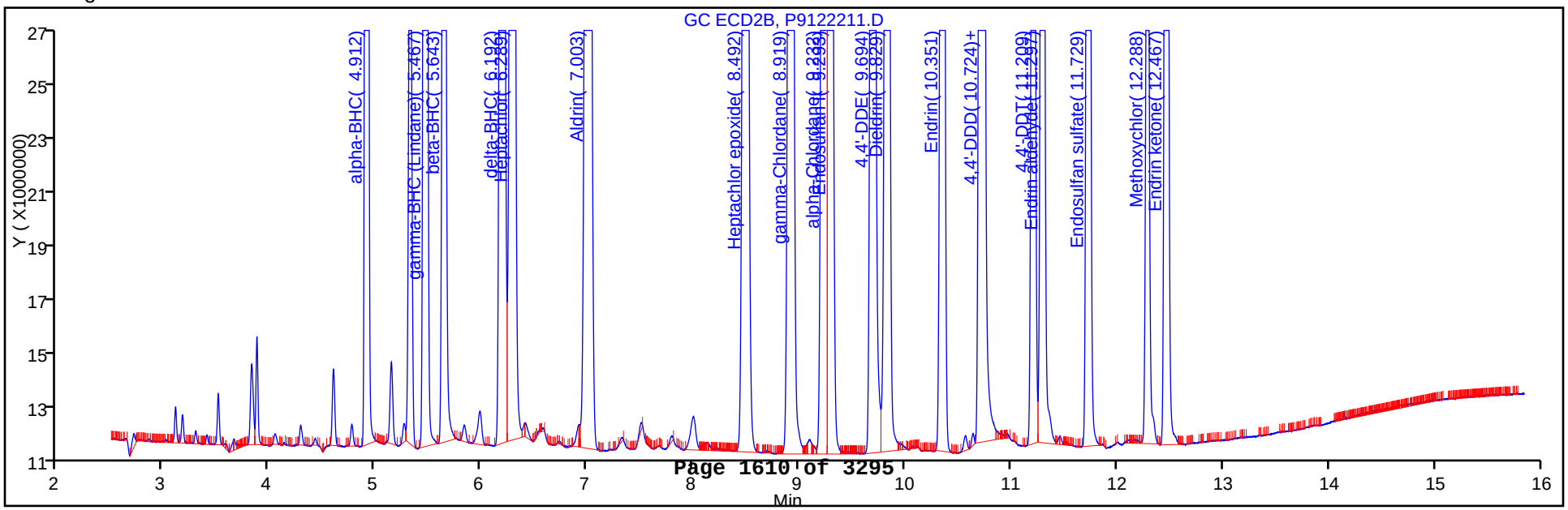
Data File: \\Ncchrom\ChromData\A2HP9\20121222-16122.b\P9122211.D

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.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/5 Calibration Date: 01/06/2013 17:48

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: P9010605.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	80661735		1.17	1.00	16.9	20.0
Toxaphene Peak 2	Ave	85469637	103250018		1.21	1.00	20.8*	20.0
Toxaphene Peak 3	Ave	73765512	81944579		1.11	1.00	11.1	20.0
Toxaphene Peak 4	Ave	98743767	105654164		1.07	1.00	7.0	20.0
Toxaphene Peak 5	Ave	63625849	65075697		1.02	1.00	2.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/5 Calibration Date: 01/06/2013 17:48

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: P9010605.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\20130106-16400.b\P9010605.D
Lims ID: CCV TOX3 Client ID:
Inject. Date: 06-Jan-2013 17:48:16 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016400-005
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 71174 Lims Sample ID: 5
Sublist: chrom-PEST9*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:31 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 06:32:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.497	9.497	0.000	80661735	1.17		100.0	
1	2	9.948	9.948	0.000	103250018	1.21	105.5- 145.5	128.0	
1	3	10.011	10.011	0.000	81944579	1.11	90.3- 130.3	101.6	
1	4	10.596	10.596	0.000	105654164	1.07	116.9- 156.9	131.0	
1	5	11.162	11.162	0.000	65075697	1.02	64.5- 104.5	80.7	
			Average of Peak Amounts =			1.12			
2	100	10.881	10.881	0.000	335089699	1.26		100.0	M
2	2	11.428	11.428	0.000	197421564	1.19	43.7- 83.7	58.9	M
2	3	11.831	11.831	0.000	175562106	1.02	45.7- 85.7	52.4	M
2	4	12.057	12.057	0.000	264682335	1.03	80.2- 120.2	79.0	M
2	5	12.445	12.445	0.000	100391285	0.8211	28.1- 68.1	30.0	M
			Average of Peak Amounts =			1.07			
						RPD = 4.65			

QC Flag Legend

Review Flags
M - Manually Integrated

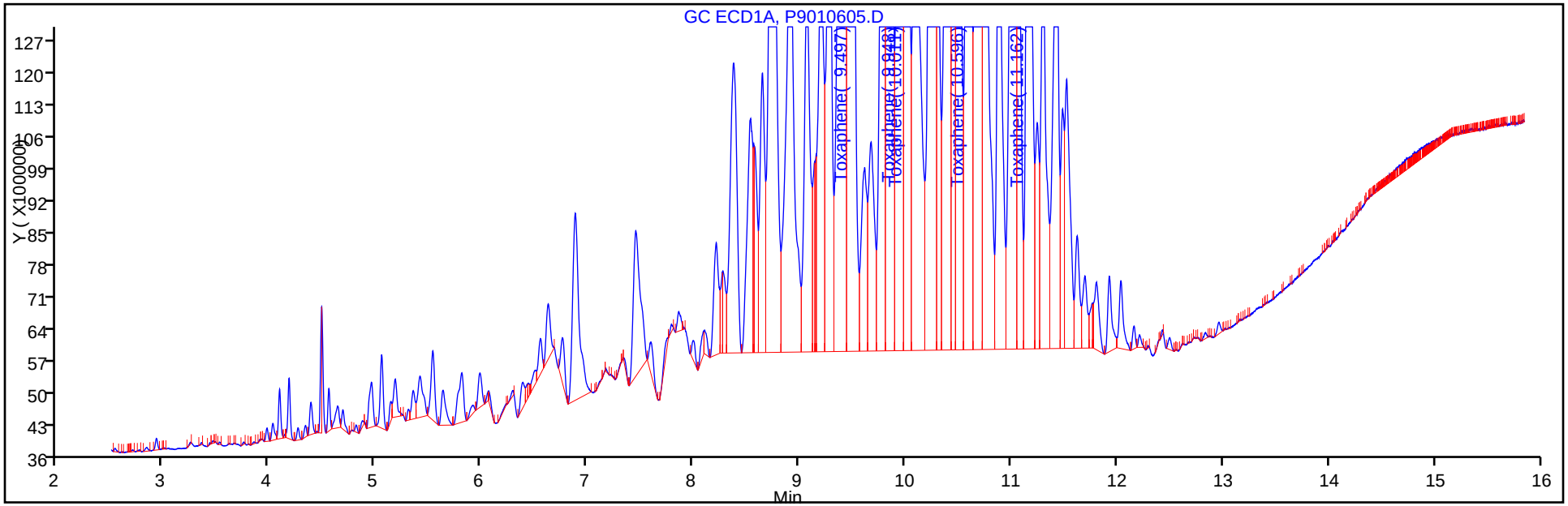
Report Date: 07-Jan-2013 07:09:32 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

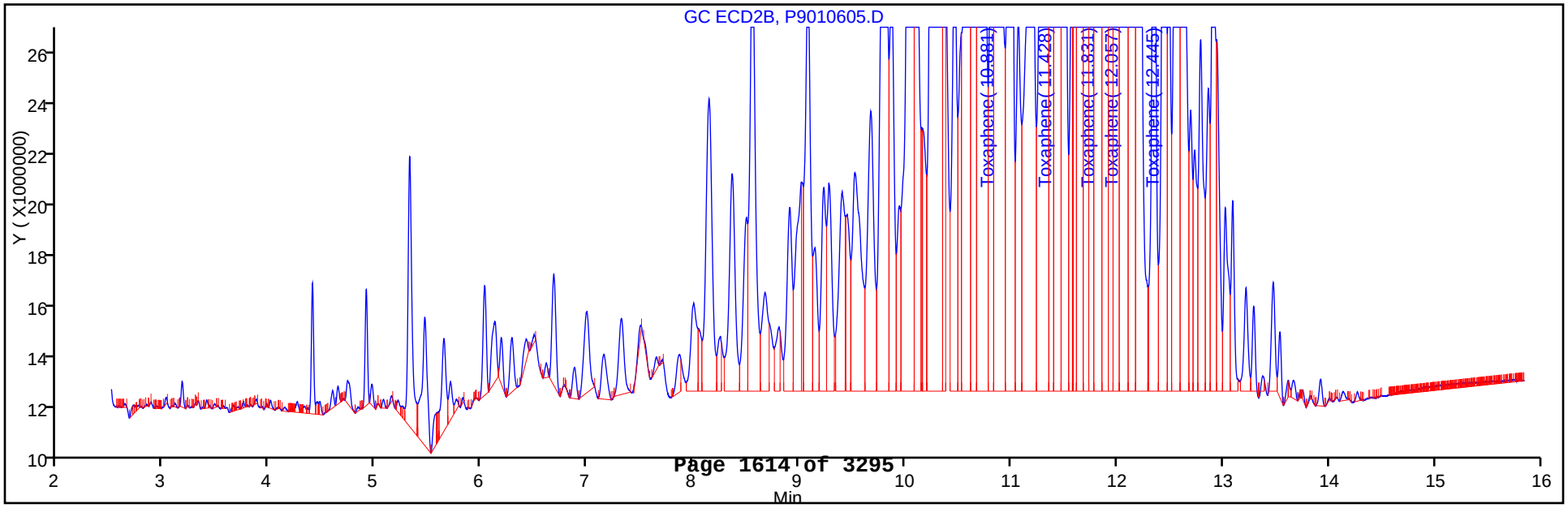
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010605.D

Injection Date:	06-Jan-2013 17:48:16	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/5 Calibration Date: 01/06/2013 17:48

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: P9010605.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	335089699		1.26	1.00	26.2*	20.0
Toxaphene Peak 2	Ave	165982849	197421564		1.19	1.00	18.9	20.0
Toxaphene Peak 3	Ave	171487862	175562106		1.02	1.00	2.4	20.0
Toxaphene Peak 4	Ave	256795996	264682335		1.03	1.00	3.1	20.0
Toxaphene Peak 5	Ave	122259762	100391285		0.821	1.00	-17.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/5 Calibration Date: 01/06/2013 17:48

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: P9010605.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.88	10.85	10.91
Toxaphene Peak 2	11.43	11.40	11.46
Toxaphene Peak 3	11.83	11.80	11.86
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\20130106-16400.b\P9010605.D		
Lims ID:	CCV TOX3	Client ID:	
Inject. Date:	06-Jan-2013 17:48:16	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016400-005		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	71174	Lims Sample ID:	5
Sublist:	chrom-PEST9*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m		
Last Update:	07-Jan-2013 07:09:31	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:	XAWRK004		

First Level Reviewer: vandorenc Date: 07-Jan-2013 06:32:15

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.497	9.497	0.000	80661735	1.17		100.0	
1	2	9.948	9.948	0.000	103250018	1.21	105.5- 145.5	128.0	
1	3	10.011	10.011	0.000	81944579	1.11	90.3- 130.3	101.6	
1	4	10.596	10.596	0.000	105654164	1.07	116.9- 156.9	131.0	
1	5	11.162	11.162	0.000	65075697	1.02	64.5- 104.5	80.7	
			Average of Peak Amounts =			1.12			
2	100	10.881	10.881	0.000	335089699	1.26		100.0	M
2	2	11.428	11.428	0.000	197421564	1.19	43.7- 83.7	58.9	M
2	3	11.831	11.831	0.000	175562106	1.02	45.7- 85.7	52.4	M
2	4	12.057	12.057	0.000	264682335	1.03	80.2- 120.2	79.0	M
2	5	12.445	12.445	0.000	100391285	0.8211	28.1- 68.1	30.0	M
			Average of Peak Amounts =			1.07			
						RPD = 4.65			

QC Flag Legend

Review Flags
M - Manually Integrated

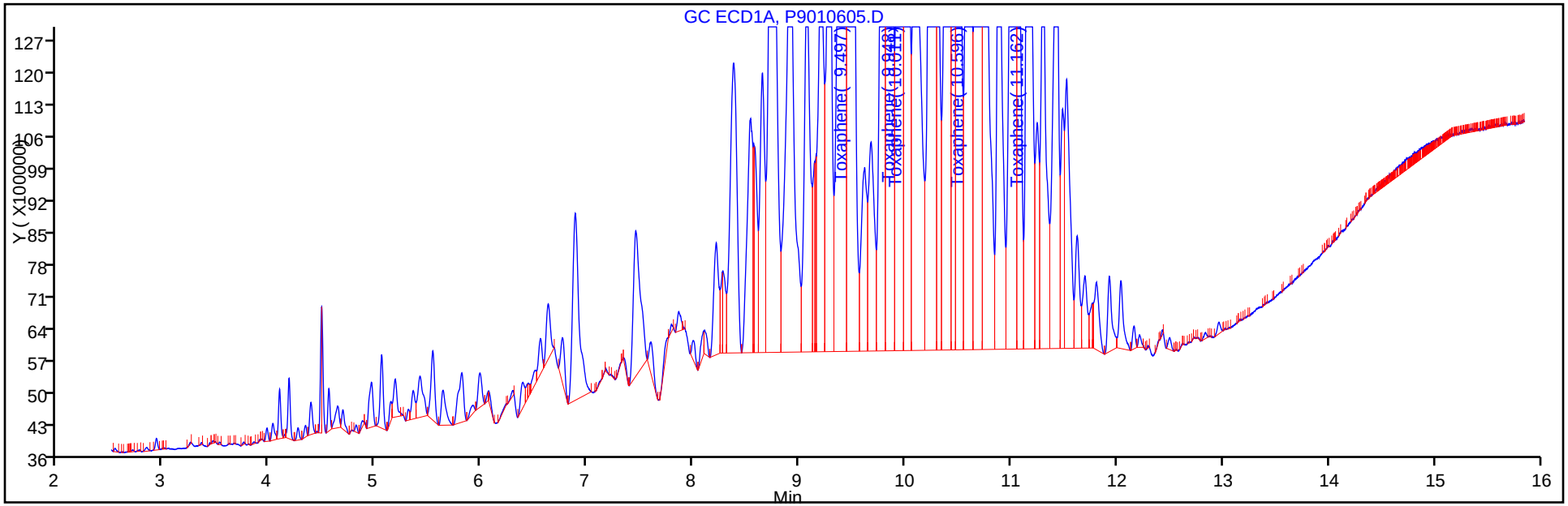
Report Date: 07-Jan-2013 07:09:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

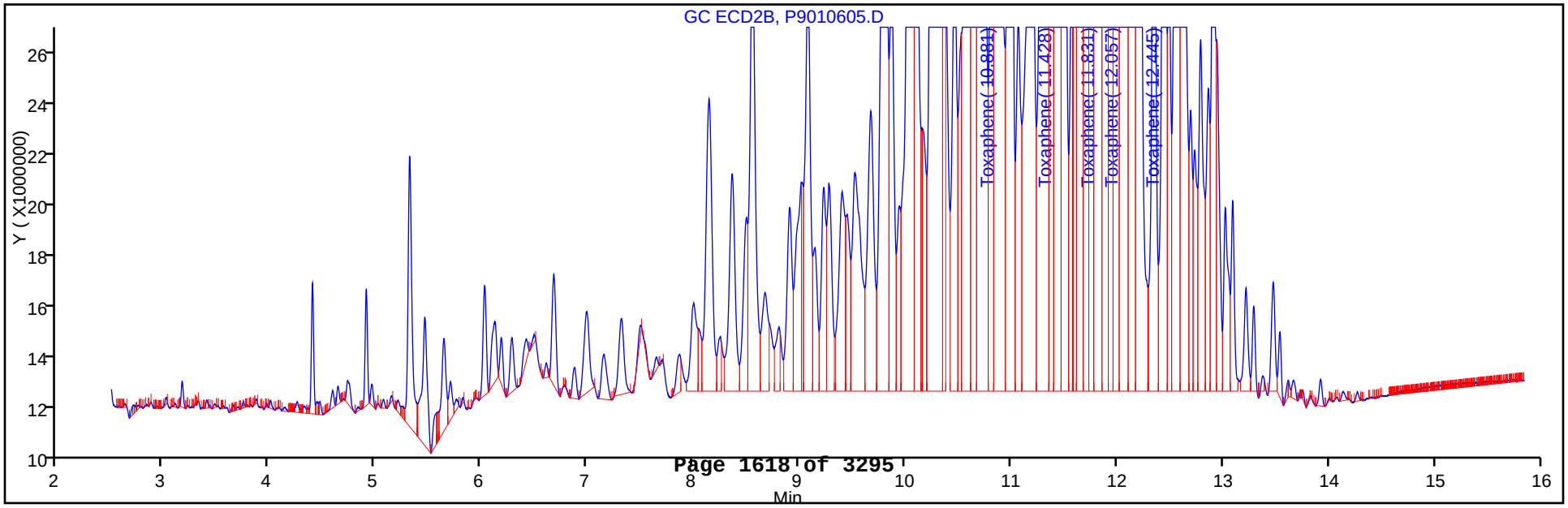
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Injection Date:	06-Jan-2013 17:48:16	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



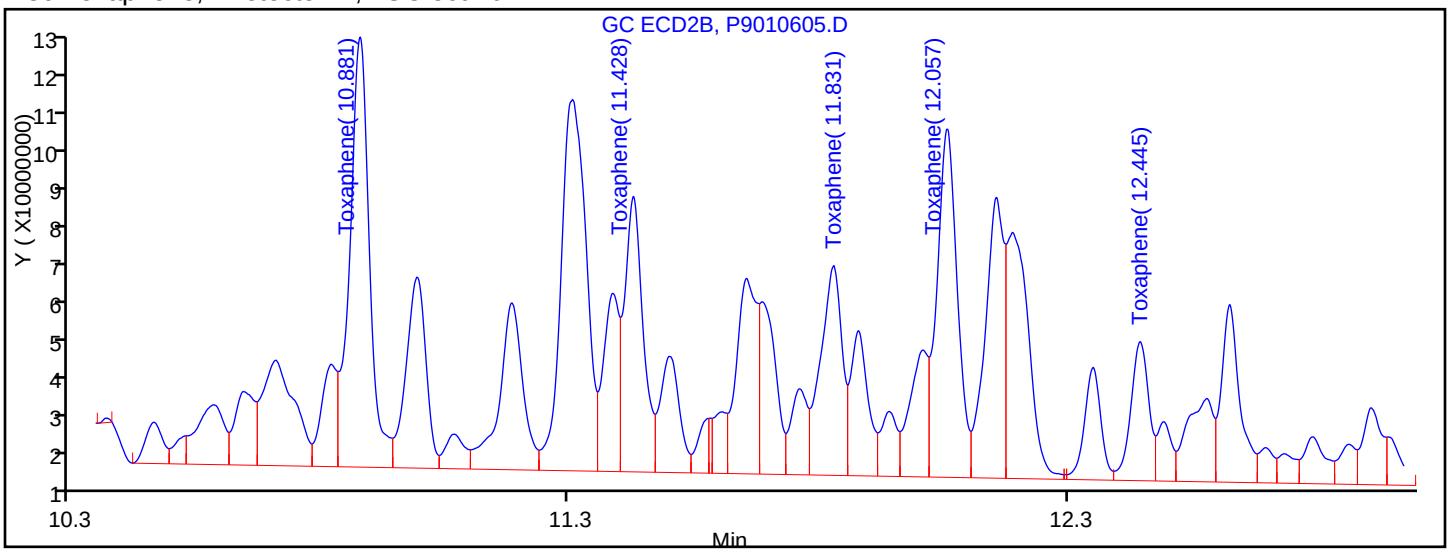
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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010605.D

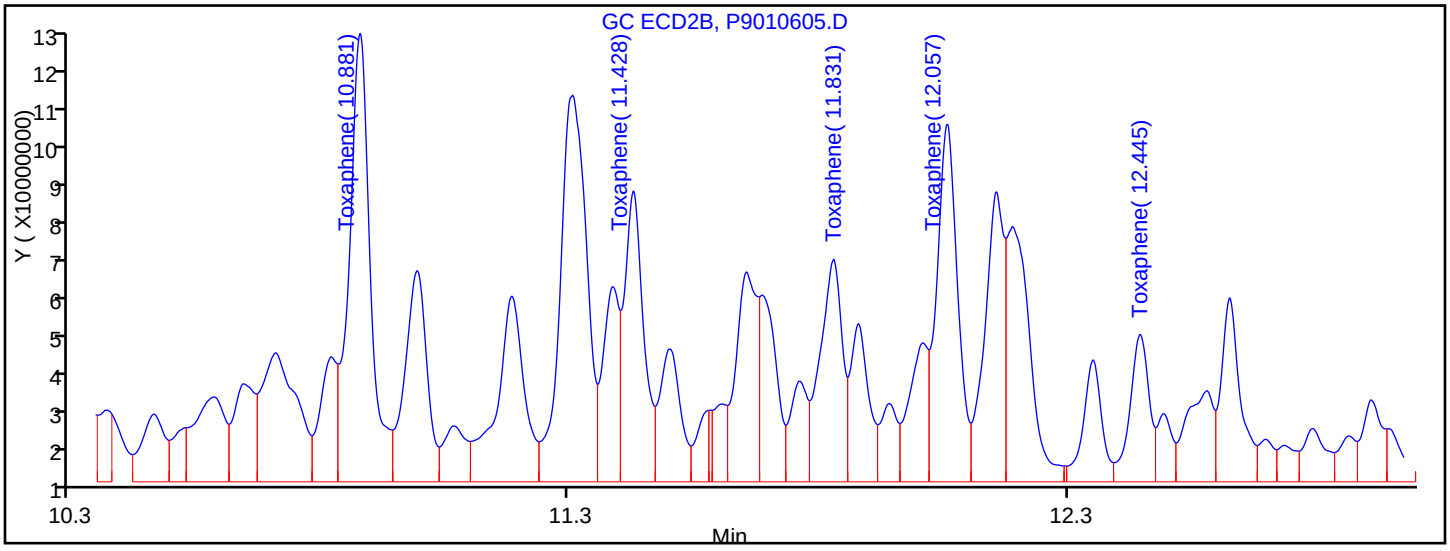
Injection Date:	06-Jan-2013 17:48:16	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	5
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 2, GC ecd2b



Processing Integration Results

RT = 10.881	Response = 296427381	M
RT = 11.428	Response = 177800094	M
RT = 11.831	Response = 157889656	M
RT = 12.057	Response = 247951927	M
RT = 12.445	Response = 87715119	M



Manual Integration Results

RT = 10.881	Response = 335089699	M
RT = 11.428	Response = 197421564	M
RT = 11.831	Response = 175562106	M
RT = 12.057	Response = 264682335	M
RT = 12.445	Response = 100391285	M

Reviewer: vandorenc, 07-Jan-2013 06:32:15

Audit Action: Assigned New Baseline

Audit Reason: Split Peak

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/6 Calibration Date: 01/06/2013 18:15

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: P9010606.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3809820948	3809403480		0.0250	0.0250	-0.0	20.0
gamma-BHC (Lindane)	Ave	3115561773	3230572000		0.0259	0.0250	3.7	20.0
beta-BHC	Ave	1356797063	1335612240		0.0246	0.0250	-1.6	20.0
delta-BHC	Ave	3375911380	3137074360		0.0232	0.0250	-7.1	20.0
Heptachlor	Ave	2743824669	3145803600		0.0287	0.0250	14.7	20.0
Aldrin	Ave	3555606031	3499641240		0.0246	0.0250	-1.6	20.0
Heptachlor epoxide	Ave	2721274567	2993933120		0.0275	0.0250	10.0	20.0
gamma-Chlordane	Ave	3063197814	3131346480		0.0256	0.0250	2.2	20.0
alpha-Chlordane	Ave	3157953329	3241842680		0.0257	0.0250	2.7	20.0
Endosulfan I	Ave	2558663944	2839846680		0.0277	0.0250	11.0	20.0
4,4'-DDE	Ave	3306510503	3282112080		0.0248	0.0250	-0.7	20.0
Dieldrin	Ave	2654935053	2954736480		0.0278	0.0250	11.3	20.0
Endrin	Ave	2443787478	2783427960		0.0285	0.0250	13.9	20.0
4,4'-DDD	Ave	1890252848	1803792800		0.0239	0.0250	-4.6	20.0
Endosulfan II	Ave	2526594343	2979154920		0.0295	0.0250	17.9	20.0
4,4'-DDT	Ave	1877093720	1654335640		0.0220	0.0250	-11.9	20.0
Endrin aldehyde	Ave	1838690332	2048377520		0.0279	0.0250	11.4	20.0
Methoxychlor	Ave	877879613	795450480		0.0227	0.0250	-9.4	20.0
Endosulfan sulfate	Ave	2238400517	2286730120		0.0255	0.0250	2.2	20.0
Endrin ketone	Ave	2341348883	2535470240		0.0271	0.0250	8.3	20.0
Tetrachloro-m-xylene	Ave	2718867034	2860844520		0.0263	0.0250	5.2	20.0
DCB Decachlorobiphenyl	Ave	2552750546	2538594280		0.0249	0.0250	-0.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/6 Calibration Date: 01/06/2013 18:15

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: P9010606.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	7.51	7.48	7.54
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	10.06	10.03	10.09
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\20130106-16400.b\P9010606.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 06-Jan-2013 18:15:49 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0016400-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 71174 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:33 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 06:33:20

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.498	3.498	0.000	71521113	0.0263			
2	100	4.085	4.085	0.000	224812628	0.0256			
						RPD = 2.65			
5 alpha-BHC									
1	100	4.181	4.181	0.000	95235087	0.0250			
2	100	4.908	4.908	0.000	312692880	0.0237			
						RPD = 5.20			
20 gamma-BHC (Lindane)									
1	100	4.556	4.556	0.000	80764300	0.0259			
2	100	5.461	5.461	0.000	263207476	0.0252			
						RPD = 2.69			
7 beta-BHC									
1	100	4.688	4.688	0.000	33390306	0.0246			
2	100	5.637	5.637	0.000	110211268	0.0253			
						RPD = 2.62			
11 delta-BHC									
1	100	4.901	4.901	0.000	78426859	0.0232			
2	100	6.186	6.186	0.000	238839788	0.0220			
						RPD = 5.43			
22 Heptachlor									
1	100	5.181	5.181	0.000	78645090	0.0287			
2	100	6.282	6.282	0.000	247272899	0.0281			
						RPD = 2.04			
4 Aldrin									
1	100	5.631	5.631	0.000	87491031	0.0246			
2	100	6.995	6.995	0.000	256139570	0.0241			
						RPD = 2.12			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.856	6.856	0.000	74848328	0.0275			
2	100	8.483	8.483	0.000	223403008	0.0268			
						RPD = 2.69			
21 gamma-Chlordane									
1	100	7.163	7.163	0.000	78283662	0.0256			
2	100	8.911	8.911	0.000	225298584	0.0252			
						RPD = 1.30			
6 alpha-Chlordane									
1	100	7.514	7.514	0.000	81046067	0.0257			
2	100	9.224	9.224	0.000	220977370	0.0250			
						RPD = 2.73			
14 Endosulfan I									
1	100	7.791	7.791	0.000	70996167	0.0277			
2	100	9.285	9.285	0.000	193750044	0.0272			
						RPD = 2.13			
2 4,4'-DDE									
1	100	7.898	7.898	0.000	82052802	0.0248			
2	100	9.688	9.688	0.000	206543189	0.0239			
						RPD = 3.79			
13 Dieldrin									
1	100	8.356	8.356	0.000	73868412	0.0278			
2	100	9.821	9.821	0.000	212205415	0.0268			
						RPD = 3.90			
17 Endrin									
1	100	8.818	8.818	0.000	69585699	0.0285			
2	100	10.343	10.343	0.000	193830382	0.0275			
						RPD = 3.42			
1 4,4'-DDD									
1	100	9.188	9.188	0.000	45094820	0.0239			
2	100	10.718	10.718	0.000	323465481	0.0261			
						RPD = 9.03			
15 Endosulfan II									
1	100	9.266	9.266	0.000	74478873	0.0295			
2	100	10.718	10.718	0.000	323465481	0.0261			
						RPD = 12.10			
3 4,4'-DDT									
1	100	9.706	9.706	0.000	41358391	0.0220			
2	100	11.204	11.204	0.000	100986340	0.0216			
						RPD = 1.78			
18 Endrin aldehyde									
1	100	10.063	10.063	0.000	51209438	0.0279			
2	100	11.290	11.290	0.000	139658777	0.0266			
						RPD = 4.62			
27 Methoxychlor									M
1	100	10.659	10.659	0.000	19886262	0.0227			
2	100	12.283	12.283	0.000	51670419	0.0224			M
						RPD = 1.28			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.786	10.786	0.000	57168253	0.0255			
2	100	11.722	11.722	0.000	150659318	0.0237			
						RPD = 7.43			
19 Endrin ketone									
1	100	11.187	11.187	0.000	63386756	0.0271			
2	100	12.460	12.460	0.000	158797060	0.0254			
						RPD = 6.41			
$ 10 DCB Decachlorobiphenyl									
1	100	12.800	12.800	0.000	63464857	0.0249			
2	100	14.240	14.240	0.000	158089630	0.0233			
						RPD = 6.60			

QC Flag Legend

Review Flags
M - Manually Integrated

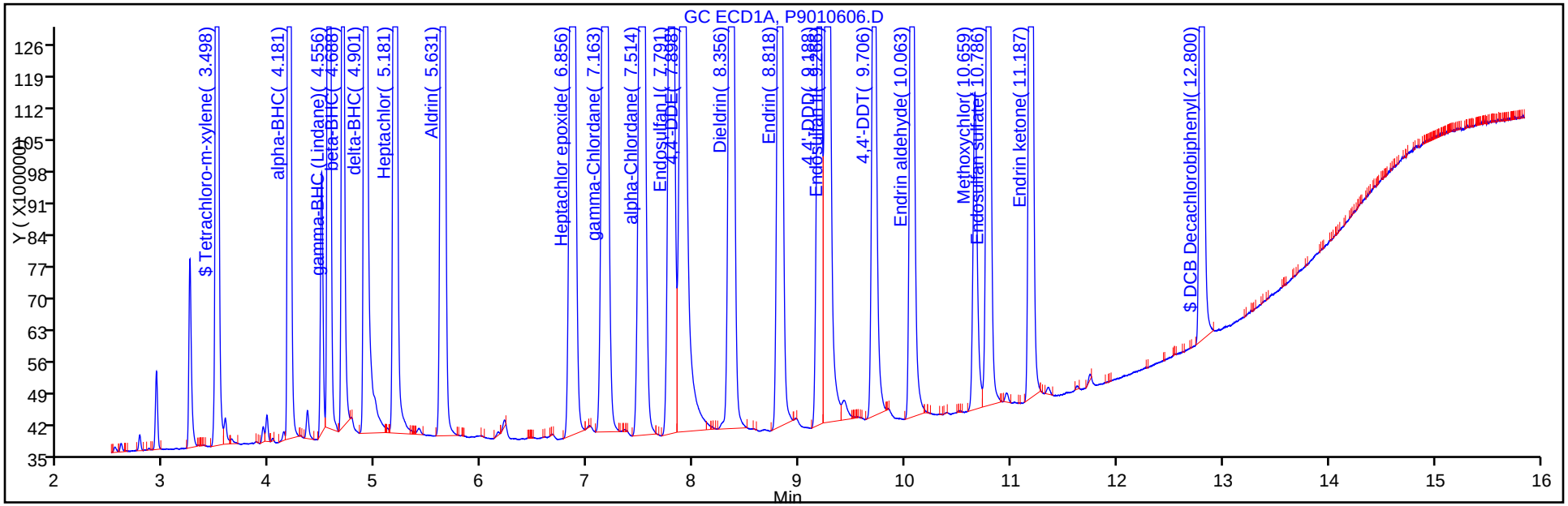
Report Date: 07-Jan-2013 07:09:34 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

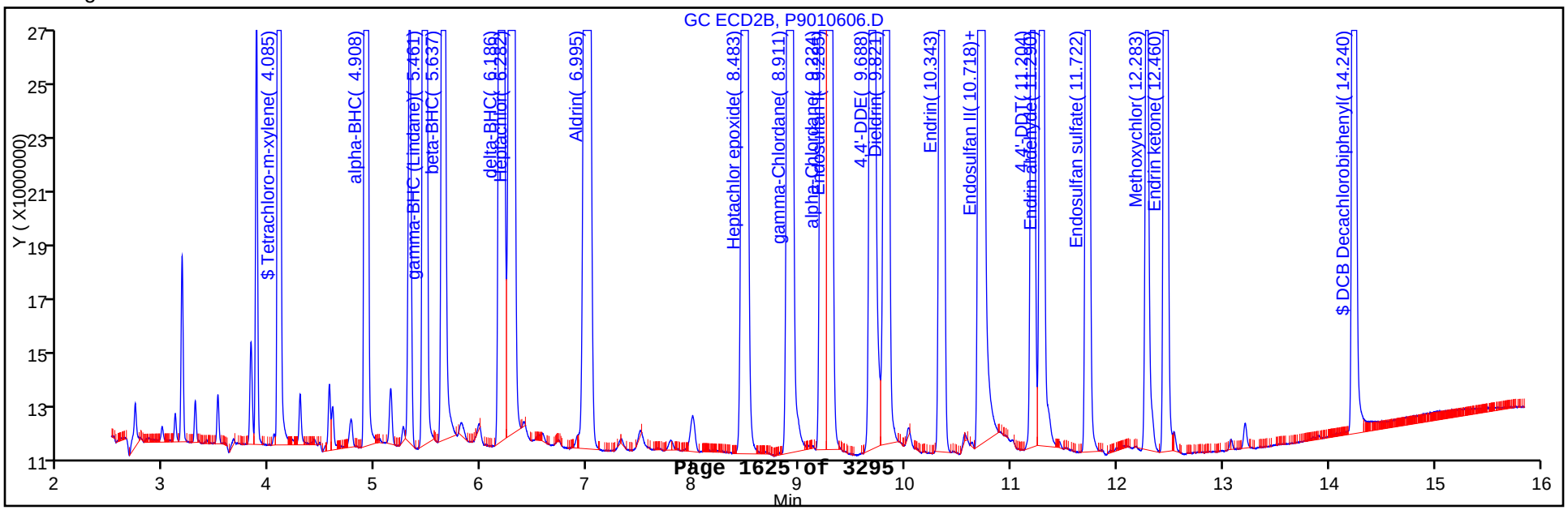
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Injection Date:	06-Jan-2013 18:15:49	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/6 Calibration Date: 01/06/2013 18:15

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: P9010606.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	13177110828	12507715200		0.0237	0.0250	-5.1	20.0
gamma-BHC (Lindane)	Ave	10430817708	10528299040		0.0252	0.0250	0.9	20.0
beta-BHC	Ave	4362472019	4408450720		0.0253	0.0250	1.1	20.0
delta-BHC	Ave	10854717199	9553591520		0.0220	0.0250	-12.0	20.0
Heptachlor	Ave	8804394038	9890915960		0.0281	0.0250	12.3	20.0
Aldrin	Ave	10632857867	10245582800		0.0241	0.0250	-3.6	20.0
Heptachlor epoxide	Ave	8343678396	8936120320		0.0268	0.0250	7.1	20.0
gamma-Chlordane	Ave	8931440033	9011943360		0.0252	0.0250	0.9	20.0
alpha-Chlordane	Ave	8848756132	8839094800		0.0250	0.0250	-0.1	20.0
Endosulfan I	Ave	7133143283	7750001760		0.0272	0.0250	8.6	20.0
4,4'-DDE	Ave	8644997313	8261727560		0.0239	0.0250	-4.4	20.0
Dieldrin	Ave	7930499061	8488216600		0.0268	0.0250	7.0	20.0
Endrin	Ave	7044330525	7753215280		0.0275	0.0250	10.1	20.0
4,4'-DDD	Ave	12386945794	12938619240		0.0261	0.0250	4.5	20.0
Endosulfan II	Ave	12386945794	12938619240		0.0261	0.0250	4.5	20.0
4,4'-DDT	Ave	4665523587	4039453600		0.0216	0.0250	-13.4	20.0
Endrin aldehyde	Ave	5251792496	5586351080		0.0266	0.0250	6.4	20.0
Endosulfan sulfate	Ave	6354273613	6026372720		0.0237	0.0250	-5.2	20.0
Methoxychlor	Ave	2310305654	2066816760		0.0224	0.0250	-10.5	20.0
Endrin ketone	Ave	6253762508	6351882400		0.0254	0.0250	1.6	20.0
Tetrachloro-m-xylene	Ave	8775463387	8992505120		0.0256	0.0250	2.5	20.0
DCB Decachlorobiphenyl	Ave	6793039666	6323585200		0.0233	0.0250	-6.9	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/6 Calibration Date: 01/06/2013 18:15

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: P9010606.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.91	4.88	4.94
gamma-BHC (Lindane)	5.46	5.43	5.49
beta-BHC	5.64	5.61	5.67
delta-BHC	6.19	6.16	6.22
Heptachlor	6.28	6.25	6.32
Aldrin	7.00	6.97	7.03
Heptachlor epoxide	8.48	8.45	8.51
gamma-Chlordane	8.91	8.88	8.94
alpha-Chlordane	9.22	9.19	9.25
Endosulfan I	9.29	9.26	9.32
4,4'-DDE	9.69	9.66	9.72
Dieldrin	9.82	9.79	9.85
Endrin	10.34	10.31	10.37
4,4'-DDD	10.72	10.69	10.75
Endosulfan II	10.72	10.69	10.75
4,4'-DDT	11.20	11.17	11.23
Endrin aldehyde	11.29	11.26	11.32
Endosulfan sulfate	11.72	11.69	11.75
Methoxychlor	12.28	12.25	12.31
Endrin ketone	12.46	12.43	12.49
Tetrachloro-m-xylene	4.09	4.06	4.12
DCB Decachlorobiphenyl	14.24	14.21	14.27

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010606.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 06-Jan-2013 18:15:49 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0016400-006
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 71174 Lims Sample ID: 6
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:33 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 06:33:20

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.498	3.498	0.000	71521113	0.0263			
2	100	4.085	4.085	0.000	224812628	0.0256			
						RPD = 2.65			
5 alpha-BHC									
1	100	4.181	4.181	0.000	95235087	0.0250			
2	100	4.908	4.908	0.000	312692880	0.0237			
						RPD = 5.20			
20 gamma-BHC (Lindane)									
1	100	4.556	4.556	0.000	80764300	0.0259			
2	100	5.461	5.461	0.000	263207476	0.0252			
						RPD = 2.69			
7 beta-BHC									
1	100	4.688	4.688	0.000	33390306	0.0246			
2	100	5.637	5.637	0.000	110211268	0.0253			
						RPD = 2.62			
11 delta-BHC									
1	100	4.901	4.901	0.000	78426859	0.0232			
2	100	6.186	6.186	0.000	238839788	0.0220			
						RPD = 5.43			
22 Heptachlor									
1	100	5.181	5.181	0.000	78645090	0.0287			
2	100	6.282	6.282	0.000	247272899	0.0281			
						RPD = 2.04			
4 Aldrin									
1	100	5.631	5.631	0.000	87491031	0.0246			
2	100	6.995	6.995	0.000	256139570	0.0241			
						RPD = 2.12			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.856	6.856	0.000	74848328	0.0275			
2	100	8.483	8.483	0.000	223403008	0.0268			
						RPD = 2.69			
21 gamma-Chlordane									
1	100	7.163	7.163	0.000	78283662	0.0256			
2	100	8.911	8.911	0.000	225298584	0.0252			
						RPD = 1.30			
6 alpha-Chlordane									
1	100	7.514	7.514	0.000	81046067	0.0257			
2	100	9.224	9.224	0.000	220977370	0.0250			
						RPD = 2.73			
14 Endosulfan I									
1	100	7.791	7.791	0.000	70996167	0.0277			
2	100	9.285	9.285	0.000	193750044	0.0272			
						RPD = 2.13			
2 4,4'-DDE									
1	100	7.898	7.898	0.000	82052802	0.0248			
2	100	9.688	9.688	0.000	206543189	0.0239			
						RPD = 3.79			
13 Dieldrin									
1	100	8.356	8.356	0.000	73868412	0.0278			
2	100	9.821	9.821	0.000	212205415	0.0268			
						RPD = 3.90			
17 Endrin									
1	100	8.818	8.818	0.000	69585699	0.0285			
2	100	10.343	10.343	0.000	193830382	0.0275			
						RPD = 3.42			
1 4,4'-DDD									
1	100	9.188	9.188	0.000	45094820	0.0239			
2	100	10.718	10.718	0.000	323465481	0.0261			
						RPD = 9.03			
15 Endosulfan II									
1	100	9.266	9.266	0.000	74478873	0.0295			
2	100	10.718	10.718	0.000	323465481	0.0261			
						RPD = 12.10			
3 4,4'-DDT									
1	100	9.706	9.706	0.000	41358391	0.0220			
2	100	11.204	11.204	0.000	100986340	0.0216			
						RPD = 1.78			
18 Endrin aldehyde									
1	100	10.063	10.063	0.000	51209438	0.0279			
2	100	11.290	11.290	0.000	139658777	0.0266			
						RPD = 4.62			
27 Methoxychlor									M
1	100	10.659	10.659	0.000	19886262	0.0227			
2	100	12.283	12.283	0.000	51670419	0.0224			M
						RPD = 1.28			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.786	10.786	0.000	57168253	0.0255			
2	100	11.722	11.722	0.000	150659318	0.0237			
						RPD = 7.43			
19 Endrin ketone									
1	100	11.187	11.187	0.000	63386756	0.0271			
2	100	12.460	12.460	0.000	158797060	0.0254			
						RPD = 6.41			
$ 10 DCB Decachlorobiphenyl									
1	100	12.800	12.800	0.000	63464857	0.0249			
2	100	14.240	14.240	0.000	158089630	0.0233			
						RPD = 6.60			

QC Flag Legend

Review Flags
M - Manually Integrated

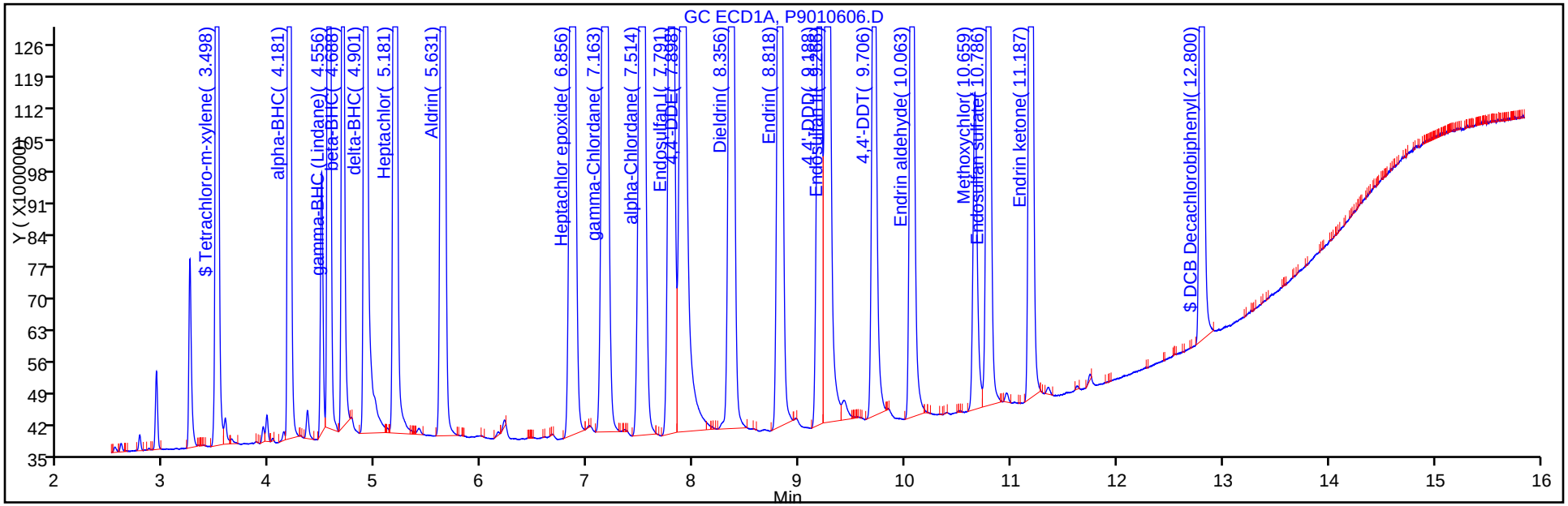
Report Date: 07-Jan-2013 07:09:35 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

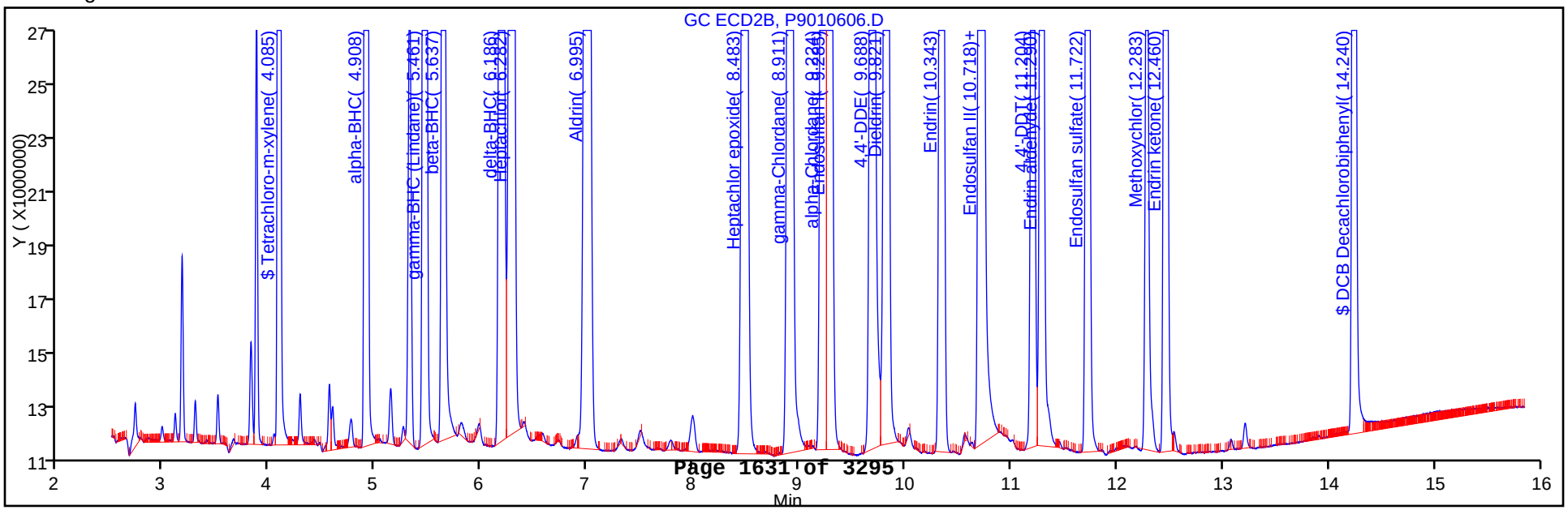
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Injection Date:	06-Jan-2013 18:15:49	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

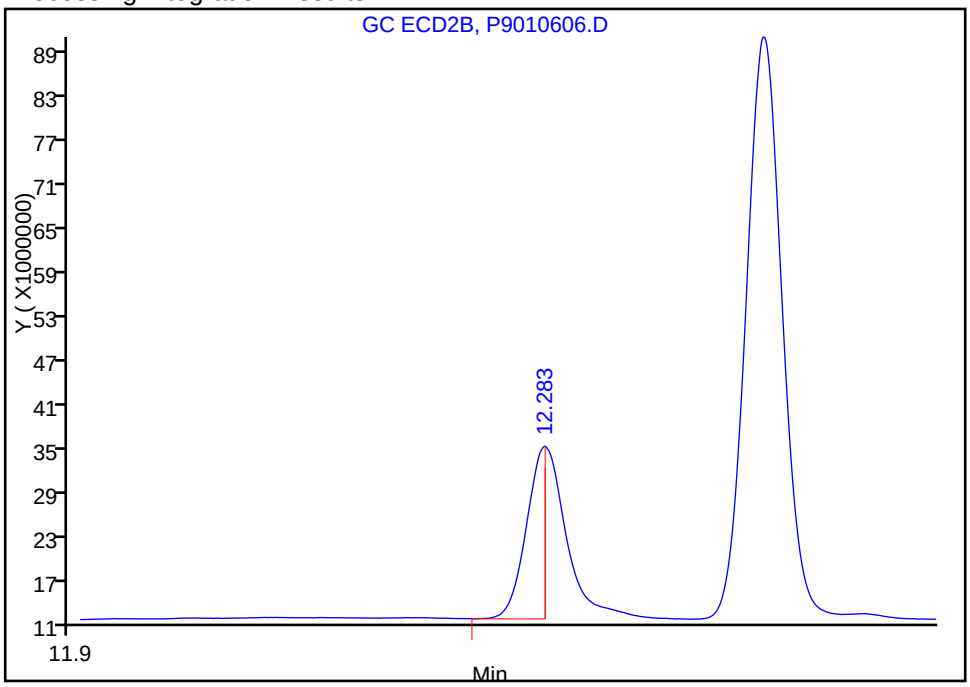
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010606.D		
Injection Date:	06-Jan-2013 18:15:49	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	6
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

27 Methoxychlor, Signal: 2, Type: quant, RT: 12.28, Det: GC ecd2b

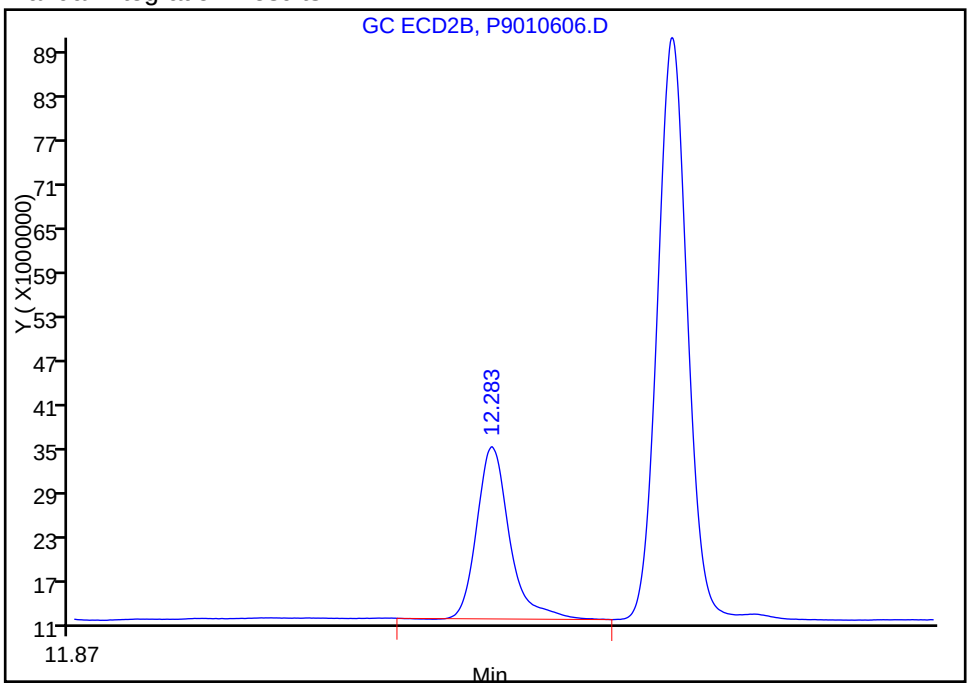
Processing Integration Results

RT: 12.28
Response: 23665306
Amount: 0.010243



Manual Integration Results

RT: 12.28
Response: 51670419
Amount: 0.022365



Reviewer: vandorenc, 07-Jan-2013 06:33:20
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/7 Calibration Date: 01/06/2013 18:40

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 16:43

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 18:34

Lab File ID: P9010607.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	129175756	144270720		0.112	0.100	11.7	20.0
Chlordane (technical) Peak 2	Ave	117593671	136168700		0.116	0.100	15.8	20.0
Chlordane (technical) Peak 3	Ave	386374303	430506750		0.111	0.100	11.4	20.0
Chlordane (technical) Peak 4	Ave	603179595	691072700		0.115	0.100	14.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/7 Calibration Date: 01/06/2013 18:40

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 16:43

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 18:34

Lab File ID: P9010607.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (technical) Peak 1	5.07	5.04	5.10
Chlordane (technical) Peak 2	5.92	5.89	5.95
Chlordane (technical) Peak 3	7.16	7.13	7.19
Chlordane (technical) Peak 4	7.50	7.47	7.53

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010607.D
Lims ID: CCV TC
Client ID:
Inject. Date: 06-Jan-2013 18:40:20
Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016400-007
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 7
Lims Batch ID: 71174
Lims Sample ID: 7
Sublist: chrom-PEST9*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:35
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: XAWRK004

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	5.065	5.065	0.000	14427072	0.1117		100.0	
1	2	5.918	5.918	0.000	13616870	0.1158	68.4- 108.4	94.4	
1	3	7.159	7.159	0.000	43050675	0.1114	289.4- 329.4	298.4	
1	4	7.504	7.504	0.000	69107270	0.1146	465.8- 505.8	479.0	
			Average of Peak Amounts =			0.1134			
2	100	5.987	5.987	0.000	48294989	0.0980		100.0	
2	2	7.482	7.482	0.000	44070016	0.1449	8.4- 48.4	91.3	
2	3	8.909	8.909	0.000	120893288	0.1338	101.3- 141.3	250.3	
2	4	9.223	9.223	0.000	110596798	0.1365	72.8- 112.8	229.0	
			Average of Peak Amounts =			0.1283			
						RPD = 12.35			

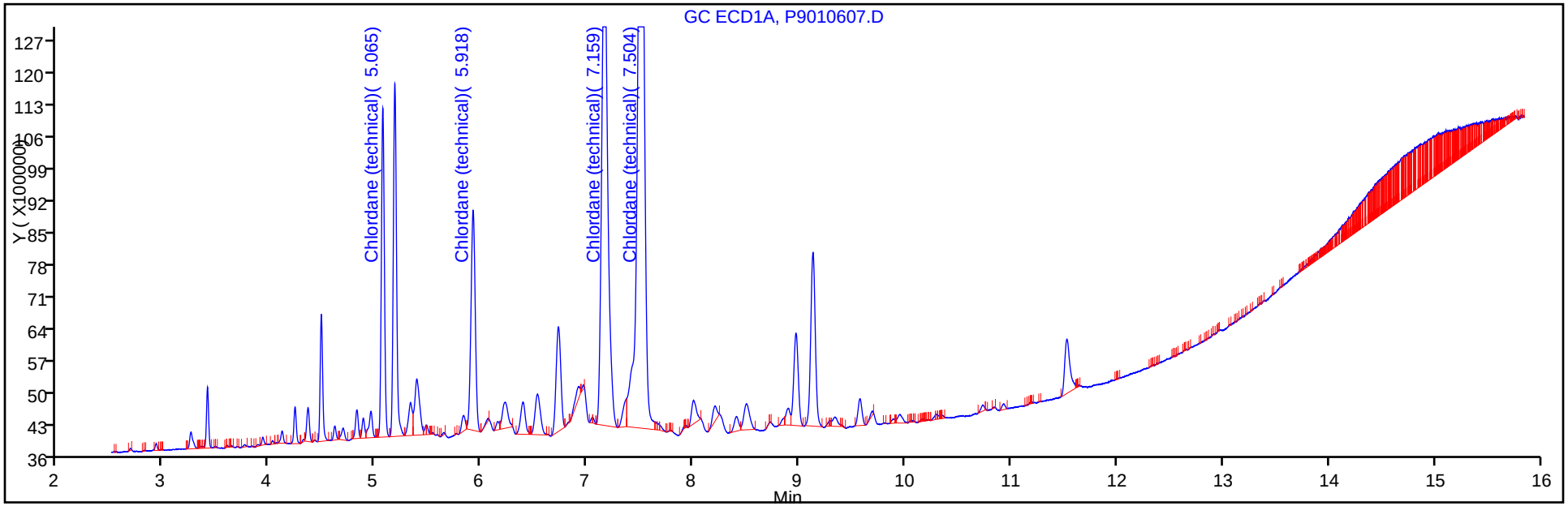
Report Date: 07-Jan-2013 07:09:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

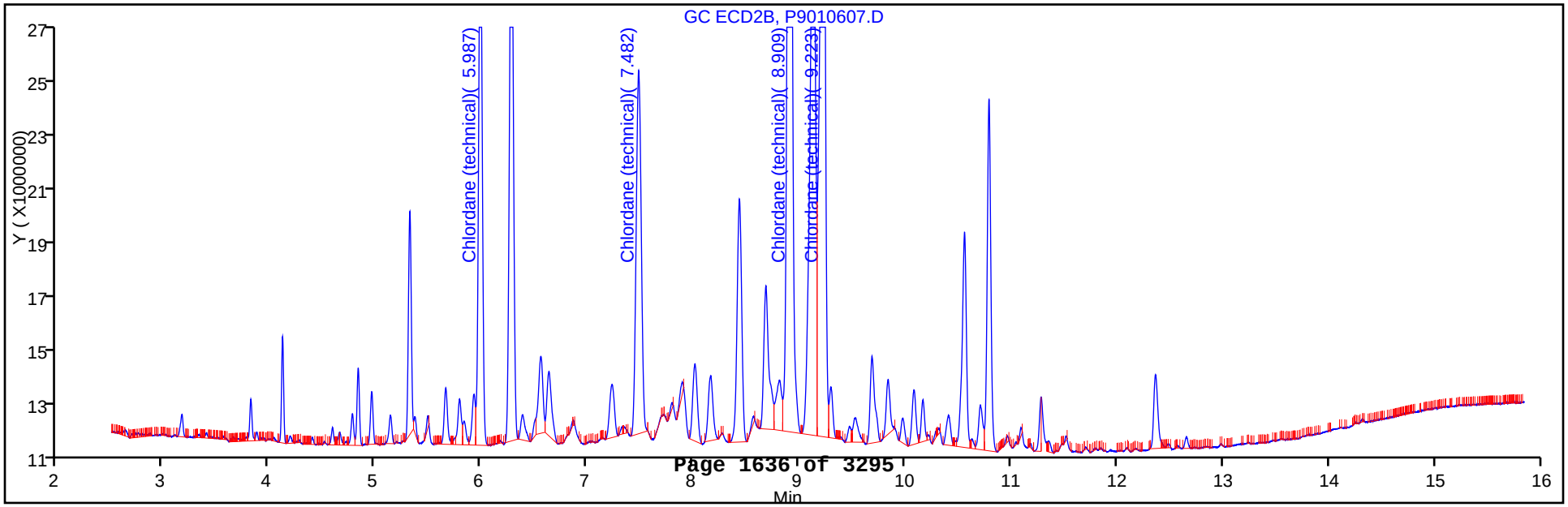
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010607.D

Injection Date:	06-Jan-2013 18:40:20	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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 VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/7 Calibration Date: 01/06/2013 18:40

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 16:43

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 18:34

Lab File ID: P9010607.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	492705439	482949890		0.0980	0.100	-2.0	20.0
Chlordane (technical) Peak 2	Ave	304182988	440700160		0.145	0.100	44.9*	20.0
Chlordane (technical) Peak 3	Ave	903671005	1208932880		0.134	0.100	33.8*	20.0
Chlordane (technical) Peak 4	Ave	810442430	1105967980		0.136	0.100	36.5*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/7 Calibration Date: 01/06/2013 18:40

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 16:43

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 18:34

Lab File ID: P9010607.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (technical) Peak 1	5.99	5.96	6.02
Chlordane (technical) Peak 2	7.48	7.45	7.51
Chlordane (technical) Peak 3	8.91	8.88	8.94
Chlordane (technical) Peak 4	9.22	9.19	9.25

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010607.D
Lims ID: CCV TC
Client ID:
Inject. Date: 06-Jan-2013 18:40:20
Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016400-007
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 7
Lims Batch ID: 71174
Lims Sample ID: 7
Sublist: chrom-PEST9*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:35
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: XAWRK004

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	5.065	5.065	0.000	14427072	0.1117		100.0	
1	2	5.918	5.918	0.000	13616870	0.1158	68.4- 108.4	94.4	
1	3	7.159	7.159	0.000	43050675	0.1114	289.4- 329.4	298.4	
1	4	7.504	7.504	0.000	69107270	0.1146	465.8- 505.8	479.0	
			Average of Peak Amounts =			0.1134			
2	100	5.987	5.987	0.000	48294989	0.0980		100.0	
2	2	7.482	7.482	0.000	44070016	0.1449	8.4- 48.4	91.3	
2	3	8.909	8.909	0.000	120893288	0.1338	101.3- 141.3	250.3	
2	4	9.223	9.223	0.000	110596798	0.1365	72.8- 112.8	229.0	
			Average of Peak Amounts =			0.1283			
						RPD = 12.35			

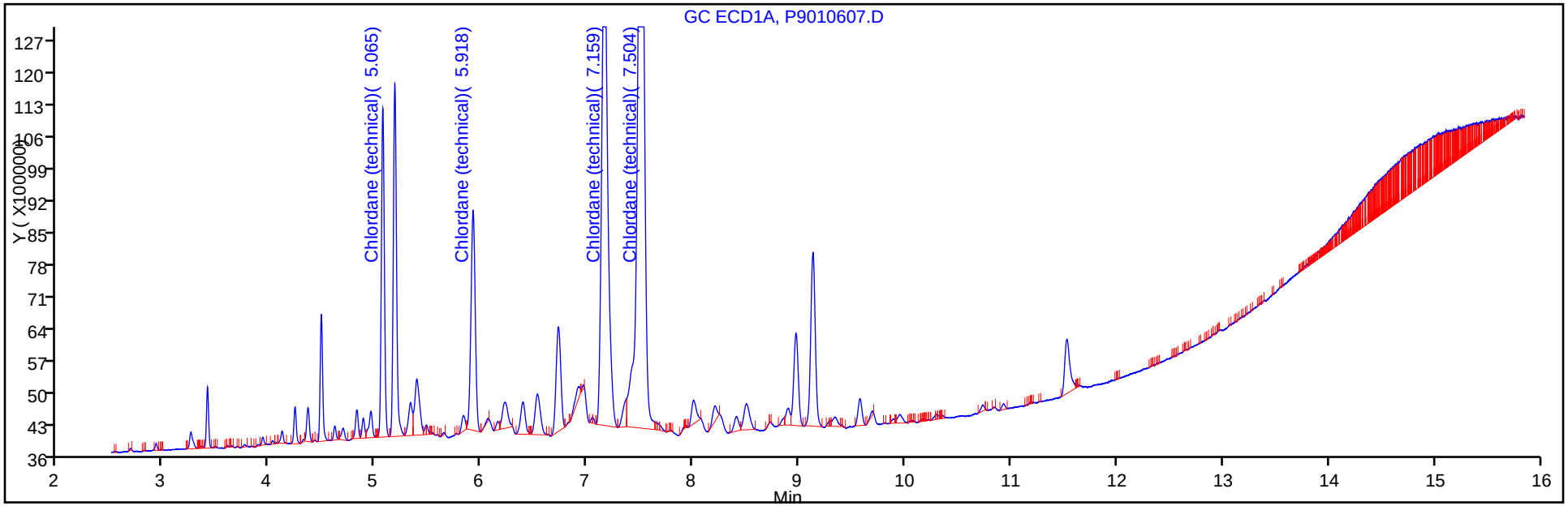
Report Date: 07-Jan-2013 07:09:37 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

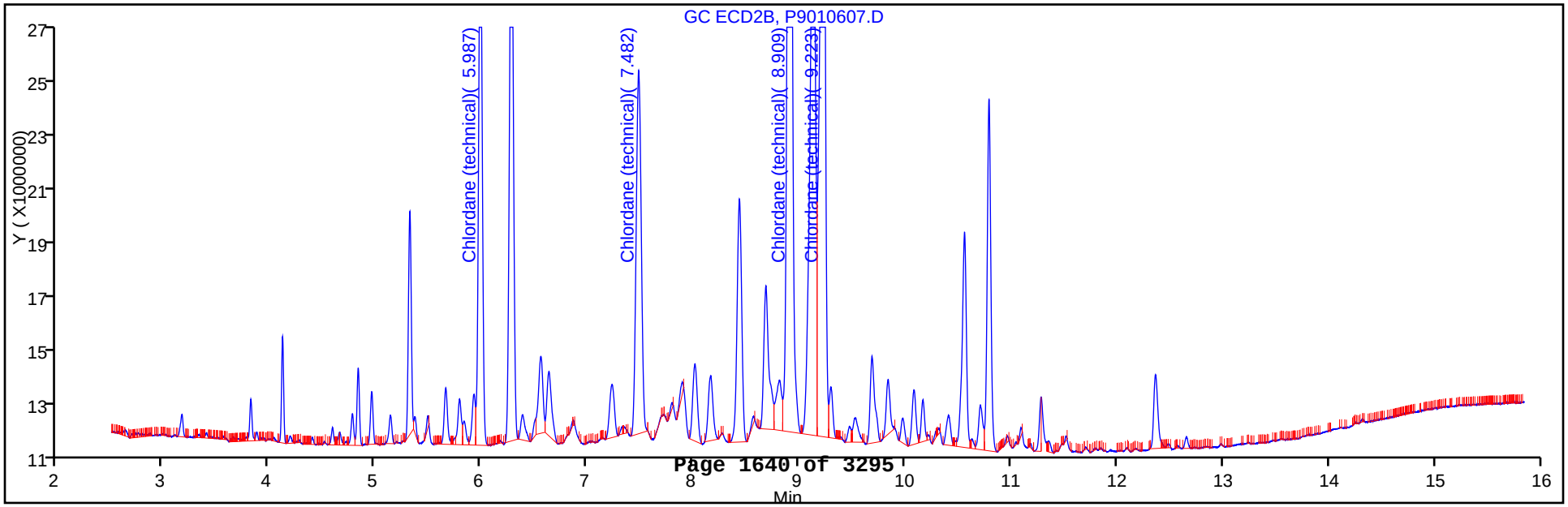
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Injection Date:	06-Jan-2013 18:40:20	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	7
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/19 Calibration Date: 01/06/2013 23:57

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: P9010619.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	90970851		1.32	1.00	31.9*	20.0
Toxaphene Peak 2	Ave	85469637	111431124		1.30	1.00	30.4*	20.0
Toxaphene Peak 3	Ave	73765512	86069270		1.17	1.00	16.7	20.0
Toxaphene Peak 4	Ave	98743767	102223295		1.04	1.00	3.5	20.0
Toxaphene Peak 5	Ave	63625849	55768175		0.877	1.00	-12.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/19 Calibration Date: 01/06/2013 23:57

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: P9010619.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	9.49	9.46	9.52
Toxaphene Peak 2	9.95	9.92	9.98
Toxaphene Peak 3	10.01	9.98	10.04
Toxaphene Peak 4	10.59	10.56	10.62
Toxaphene Peak 5	11.16	11.13	11.19

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010619.D		
Lims ID:	CCV TOX3	Client ID:	
Inject. Date:	06-Jan-2013 23:57:18	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016400-019		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	71174	Lims Sample ID:	19
Sublist:	chrom-PEST9*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m		
Last Update:	07-Jan-2013 07:09:50	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:	XAWRK004		

First Level Reviewer: vandorenc Date: 07-Jan-2013 06:56:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.494	9.494	0.000	90970851	1.32		100.0	M
1	2	9.946	9.946	0.000	111431124	1.30	105.5- 145.5	122.5	M
1	3	10.008	10.008	0.000	86069270	1.17	90.3- 130.3	94.6	M
1	4	10.594	10.594	0.000	102223295	1.04	116.9- 156.9	112.4	M
1	5	11.158	11.158	0.000	55768175	0.8765	64.5- 104.5	61.3	M
			Average of Peak Amounts =			1.14			
2	100	10.878	10.878	0.000	419177292	1.58		100.0	
2	2	11.426	11.426	0.000	174317401	1.05	43.7- 83.7	41.6	
2	3	11.829	11.829	0.000	150029052	0.8749	45.7- 85.7	35.8	
2	4	12.054	12.054	0.000	212445629	0.8273	80.2- 120.2	50.7	
2	5	12.434	12.434	0.000	35507583	0.2904	28.1- 68.1	8.5	
			Average of Peak Amounts =			0.9243			
						RPD = 20.91			

QC Flag Legend

Review Flags
M - Manually Integrated

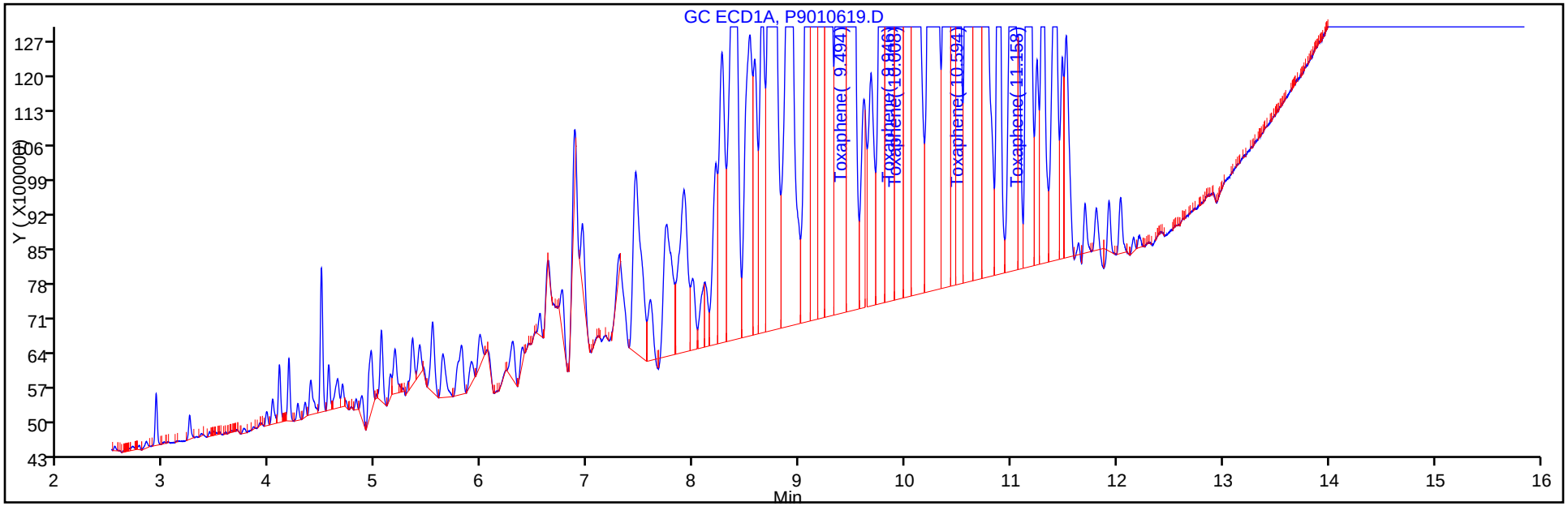
Report Date: 07-Jan-2013 07:09:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

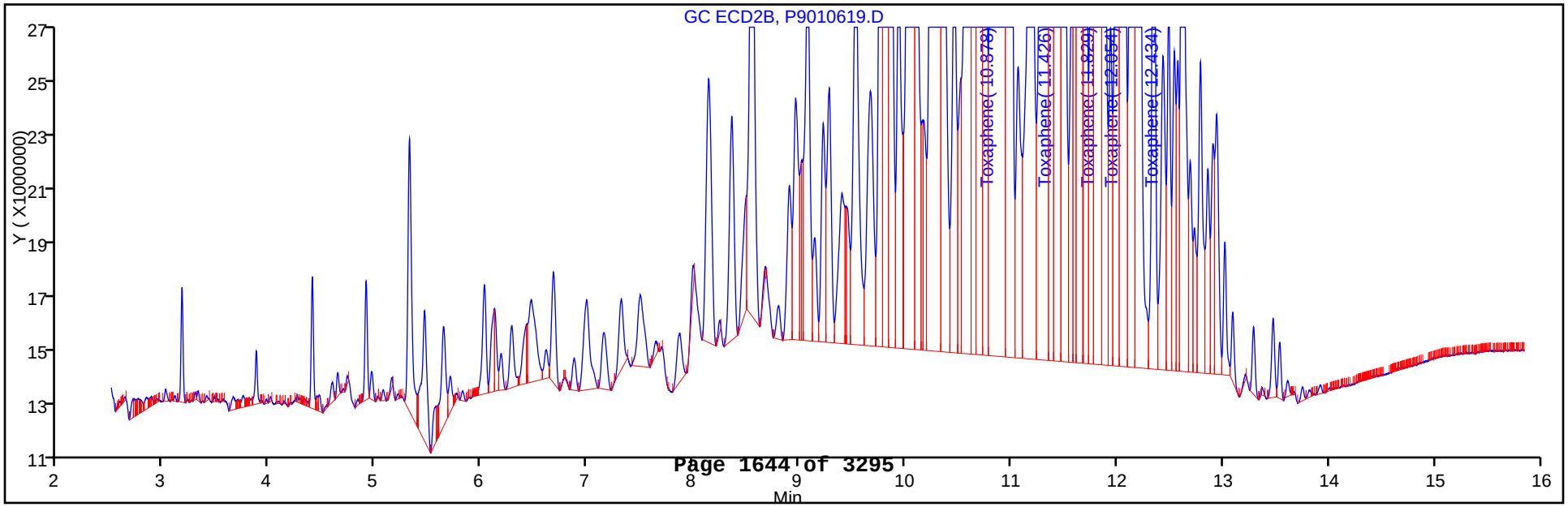
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010619.D

Injection Date:	06-Jan-2013 23:57:18	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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



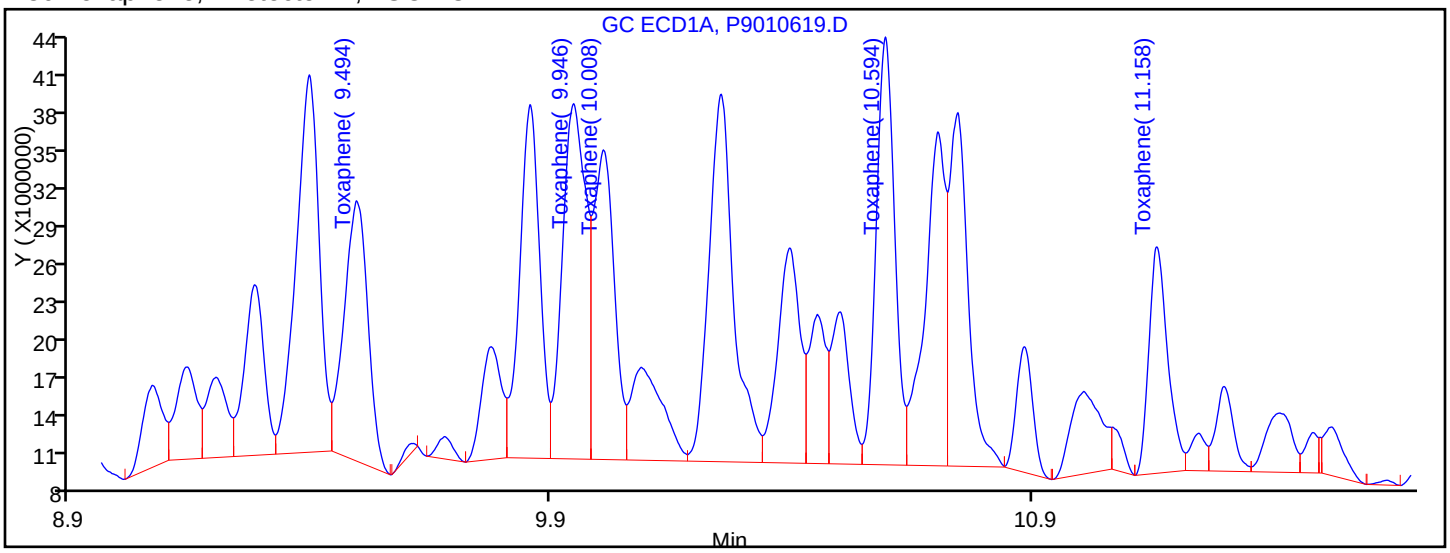
Report Date: 07-Jan-2013 07:09:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010619.D

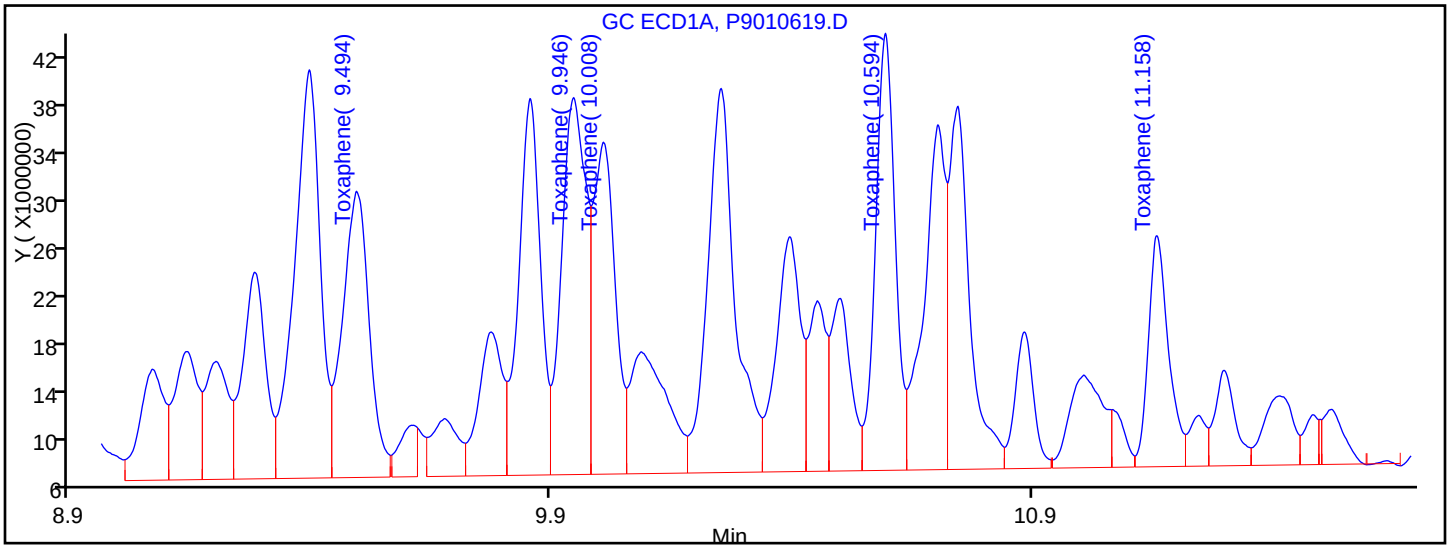
Injection Date:	06-Jan-2013 23:57:18	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 9.494	Response = 70888565	M
RT = 9.946	Response = 97113407	M
RT = 10.008	Response = 73893412	M
RT = 10.594	Response = 91018588	M
RT = 11.158	Response = 49047473	M



Manual Integration Results

RT = 9.494	Response = 90970851	M
RT = 9.946	Response = 111431124	M
RT = 10.008	Response = 86069270	M
RT = 10.594	Response = 102223295	M
RT = 11.158	Response = 55768175	M

Reviewer: vandorenc, 07-Jan-2013 06:56:06

Audit Action: Assigned New Baseline

Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/19 Calibration Date: 01/06/2013 23:57

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: P9010619.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	419177292		1.58	1.00	57.9*	20.0
Toxaphene Peak 2	Ave	165982849	174317401		1.05	1.00	5.0	20.0
Toxaphene Peak 3	Ave	171487862	150029052		0.875	1.00	-12.5	20.0
Toxaphene Peak 4	Ave	256795996	212445629		0.827	1.00	-17.3	20.0
Toxaphene Peak 5	Ave	122259762	35507583		0.290	1.00	-71.0*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/19 Calibration Date: 01/06/2013 23:57

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: P9010619.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	10.88	10.85	10.91
Toxaphene Peak 2	11.43	11.40	11.46
Toxaphene Peak 3	11.83	11.80	11.86
Toxaphene Peak 4	12.05	12.02	12.08
Toxaphene Peak 5	12.43	12.40	12.46

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010619.D		
Lims ID:	CCV TOX3	Client ID:	
Inject. Date:	06-Jan-2013 23:57:18	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016400-019		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	71174	Lims Sample ID:	19
Sublist:	chrom-PEST9*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m		
Last Update:	07-Jan-2013 07:09:50	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:	XAWRK004		

First Level Reviewer: vandorenc Date: 07-Jan-2013 06:56:06

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									M
1	100	9.494	9.494	0.000	90970851	1.32		100.0	M
1	2	9.946	9.946	0.000	111431124	1.30	105.5- 145.5	122.5	M
1	3	10.008	10.008	0.000	86069270	1.17	90.3- 130.3	94.6	M
1	4	10.594	10.594	0.000	102223295	1.04	116.9- 156.9	112.4	M
1	5	11.158	11.158	0.000	55768175	0.8765	64.5- 104.5	61.3	M
			Average of Peak Amounts =			1.14			
2	100	10.878	10.878	0.000	419177292	1.58		100.0	
2	2	11.426	11.426	0.000	174317401	1.05	43.7- 83.7	41.6	
2	3	11.829	11.829	0.000	150029052	0.8749	45.7- 85.7	35.8	
2	4	12.054	12.054	0.000	212445629	0.8273	80.2- 120.2	50.7	
2	5	12.434	12.434	0.000	35507583	0.2904	28.1- 68.1	8.5	
			Average of Peak Amounts =			0.9243			
						RPD = 20.91			

QC Flag Legend

Review Flags
M - Manually Integrated

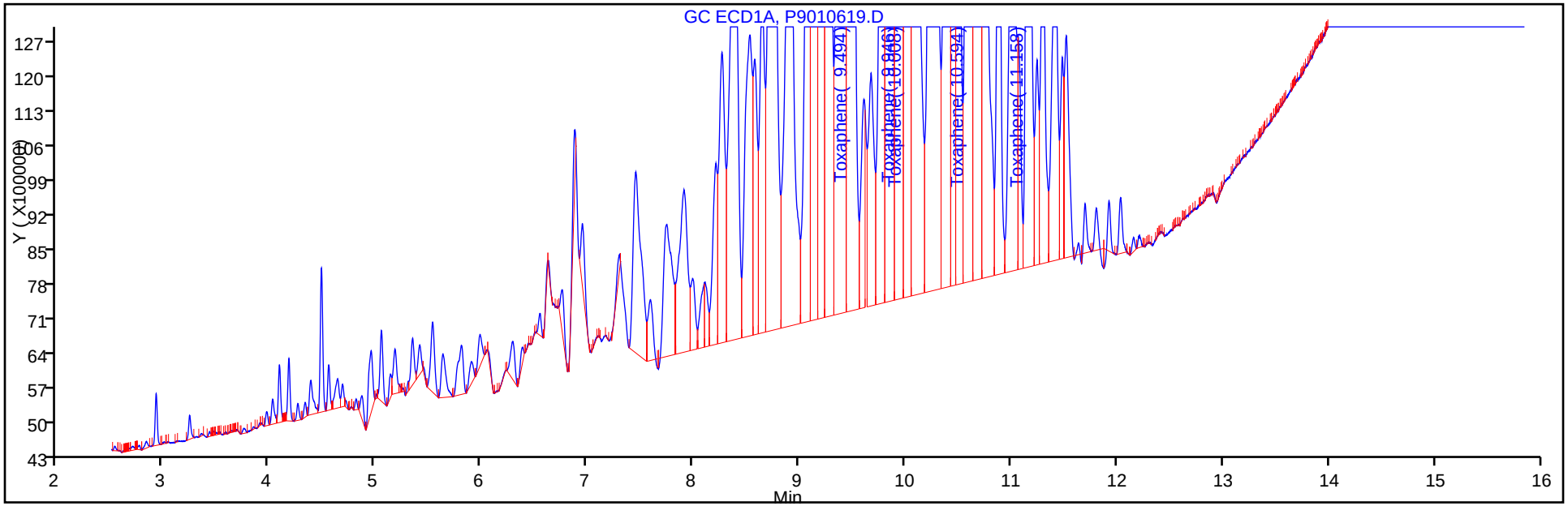
Report Date: 07-Jan-2013 07:09:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

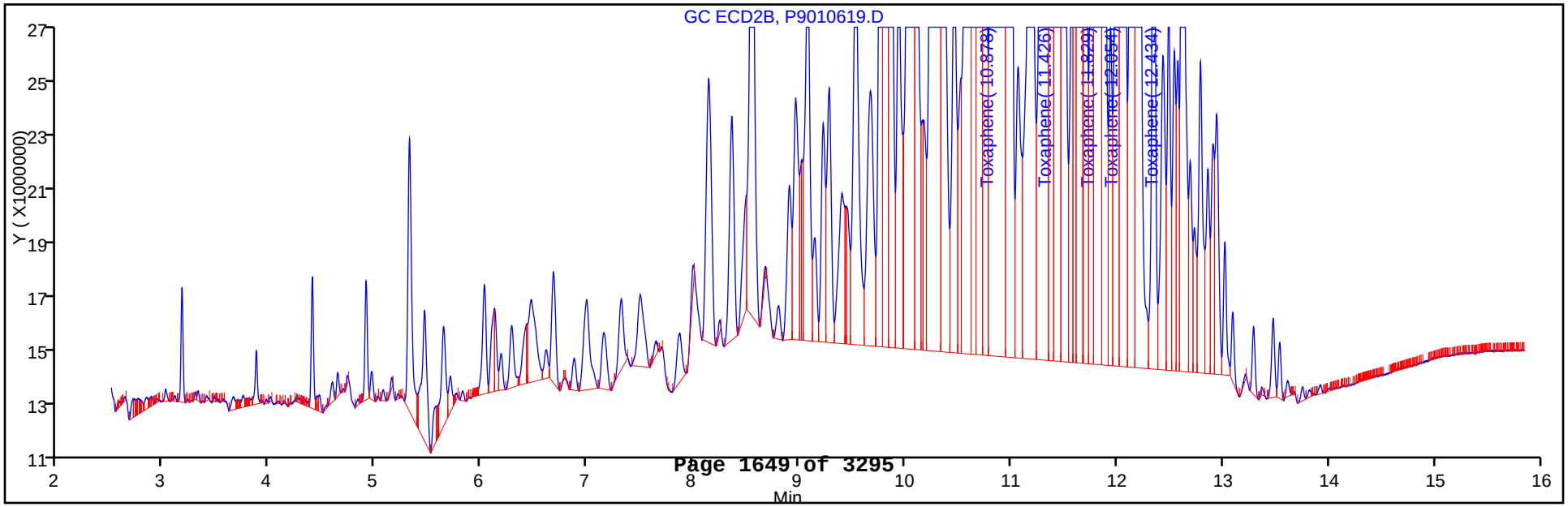
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Injection Date:	06-Jan-2013 23:57:18	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	19
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/20 Calibration Date: 01/07/2013 00:24

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: P9010620.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3809820948	3560689560		0.0234	0.0250	-6.5	20.0
gamma-BHC (Lindane)	Ave	3115561773	3063401000		0.0246	0.0250	-1.7	20.0
beta-BHC	Ave	1356797063	1426387400		0.0263	0.0250	5.1	20.0
delta-BHC	Ave	3375911380	1539715640		0.0114	0.0250	-54.4*	20.0
Heptachlor	Ave	2743824669	3203908920		0.0292	0.0250	16.8	20.0
Aldrin	Ave	3555606031	3630912800		0.0255	0.0250	2.1	20.0
Heptachlor epoxide	Ave	2721274567	3092913960		0.0284	0.0250	13.7	20.0
gamma-Chlordane	Ave	3063197814	3182390960		0.0260	0.0250	3.9	20.0
alpha-Chlordane	Ave	3157953329	3310519080		0.0262	0.0250	4.8	20.0
Endosulfan I	Ave	2558663944	2777331320		0.0271	0.0250	8.5	20.0
4,4'-DDE	Ave	3306510503	3580642880		0.0271	0.0250	8.3	20.0
Dieldrin	Ave	2654935053	3009948960		0.0283	0.0250	13.4	20.0
Endrin	Ave	2443787478	2875262760		0.0294	0.0250	17.7	20.0
4,4'-DDD	Ave	1890252848	1858874560		0.0246	0.0250	-1.7	20.0
Endosulfan II	Ave	2526594343	2547098240		0.0252	0.0250	0.8	20.0
4,4'-DDT	Ave	1877093720	1605154520		0.0214	0.0250	-14.5	20.0
Endrin aldehyde	Ave	1838690332	1880792920		0.0256	0.0250	2.3	20.0
Methoxychlor	Ave	877879613	925133280		0.0263	0.0250	5.4	20.0
Endosulfan sulfate	Ave	2238400517	1512023880		0.0169	0.0250	-32.5*	20.0
Endrin ketone	Ave	2341348883	1835972560		0.0196	0.0250	-21.6*	20.0
Tetrachloro-m-xylene	Ave	2718867034	2802564560		0.0258	0.0250	3.1	20.0
DCB Decachlorobiphenyl	Ave	2552750546	2475502320		0.0242	0.0250	-3.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/20 Calibration Date: 01/07/2013 00:24

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: P9010620.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	7.51	7.48	7.54
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	9.18	9.15	9.21
Endosulfan II	9.27	9.24	9.30
4,4'-DDT	9.70	9.67	9.73
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\20130106-16400.b\P9010620.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 07-Jan-2013 00:24:51 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016400-020
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 71174 Lims Sample ID: 20
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:53 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 07:02:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.498	3.498	0.000	70064114	0.0258			
2	100	4.084	4.084	0.000	211241910	0.0241			
						RPD = 6.81			
5 alpha-BHC									
1	100	4.179	4.179	0.000	89017239	0.0234			
2	100	4.907	4.907	0.000	282919935	0.0215			
						RPD = 8.45			
20 gamma-BHC (Lindane)									
1	100	4.556	4.556	0.000	76585025	0.0246			
2	100	5.460	5.460	0.000	241572118	0.0232			
						RPD = 5.96			
7 beta-BHC									
1	100	4.688	4.688	0.000	35659685	0.0263			
2	100	5.636	5.636	0.000	111222463	0.0255			
						RPD = 3.04			
11 delta-BHC									
1	100	4.901	4.901	0.000	38492891	0.0114			
2	100	6.184	6.184	0.000	118363186	0.0109			
						RPD = 4.46			
22 Heptachlor									
1	100	5.180	5.180	0.000	80097723	0.0292			
2	100	6.281	6.281	0.000	247874430	0.0282			
						RPD = 3.62			
4 Aldrin									
1	100	5.631	5.631	0.000	90772820	0.0255			
2	100	6.994	6.994	0.000	260987832	0.0245			
						RPD = 3.93			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.856	6.856	0.000	77322849	0.0284			
2	100	8.482	8.482	0.000	221874626	0.0266			
						RPD = 6.63			
21 gamma-Chlordane									
1	100	7.162	7.162	0.000	79559774	0.0260			
2	100	8.911	8.911	0.000	223695528	0.0250			
						RPD = 3.63			
6 alpha-Chlordane									
1	100	7.513	7.513	0.000	82762977	0.0262			
2	100	9.223	9.223	0.000	217112869	0.0245			
						RPD = 6.59			
14 Endosulfan I									
1	100	7.791	7.791	0.000	69433283	0.0271			
2	100	9.284	9.284	0.000	183268741	0.0257			
						RPD = 5.47			
2 4,4'-DDE									
1	100	7.896	7.896	0.000	89516072	0.0271			
2	100	9.686	9.686	0.000	225004156	0.0260			
						RPD = 3.94			
13 Dieldrin									
1	100	8.357	8.357	0.000	75248724	0.0283			
2	100	9.821	9.821	0.000	205548738	0.0259			
						RPD = 8.94			
17 Endrin									
1	100	8.818	8.818	0.000	71881569	0.0294			
2	100	10.343	10.343	0.000	185590161	0.0263			
						RPD = 11.00			
1 4,4'-DDD									M
1	100	9.183	9.183	0.000	46471864	0.0246			M
2	100	10.718	10.718	0.000	284012535	0.0229			
						RPD = 6.97			
15 Endosulfan II									
1	100	9.268	9.268	0.000	63677456	0.0252			
2	100	10.718	10.718	0.000	284012535	0.0229			
						RPD = 9.45			
3 4,4'-DDT									
1	100	9.704	9.704	0.000	40128863	0.0214			
2	100	11.203	11.203	0.000	89610655	0.0192			
						RPD = 10.70			
18 Endrin aldehyde									
1	100	10.068	10.068	0.000	47019823	0.0256			
2	100	11.291	11.291	0.000	105348900	0.0201			
						RPD = 24.16			
27 Methoxychlor									
1	100	10.656	10.656	0.000	23128332	0.0263			
2	100	12.281	12.281	0.000	55629625	0.0241			
						RPD = 8.99			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.786	10.786	0.000	37800597	0.0169			
2	100	11.723	11.723	0.000	92772559	0.0146			
						RPD = 14.53			
19 Endrin ketone									
1	100	11.187	11.187	0.000	45899314	0.0196			
2	100	12.459	12.459	0.000	104046381	0.0166			
						RPD = 16.37			
$ 10 DCB Decachlorobiphenyl									
1	100	12.798	12.798	0.000	61887558	0.0242			
2	100	14.238	14.238	0.000	148936323	0.0219			
						RPD = 10.04			

QC Flag Legend

Review Flags
M - Manually Integrated

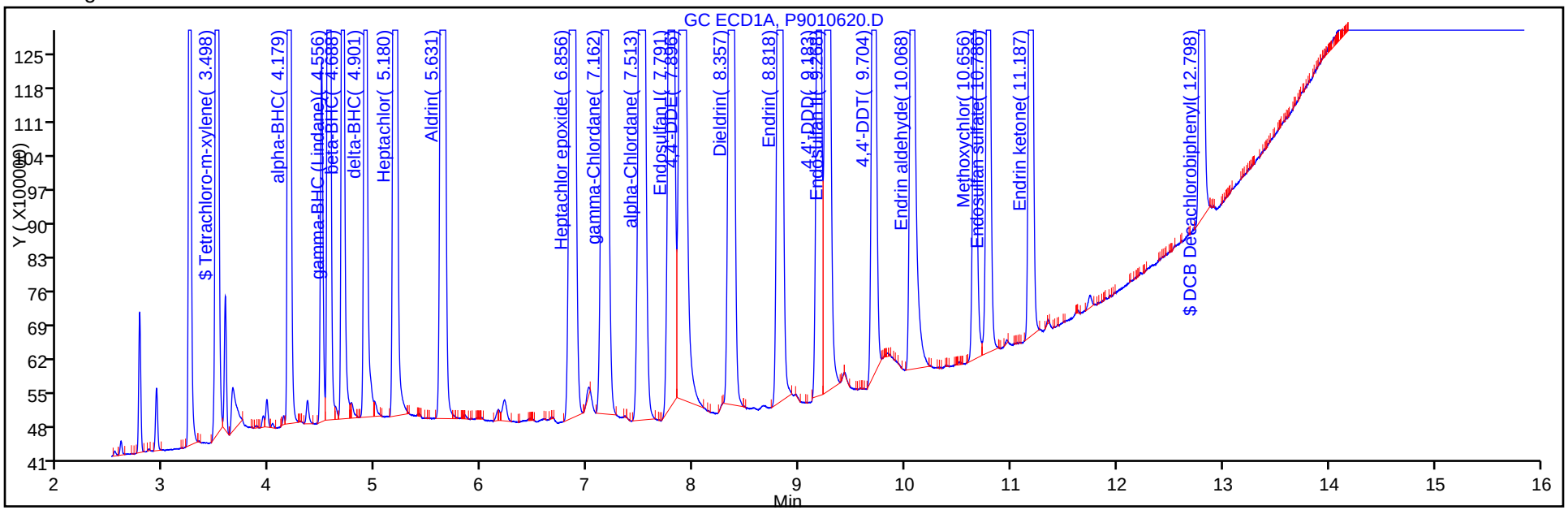
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TestAmerica Canton

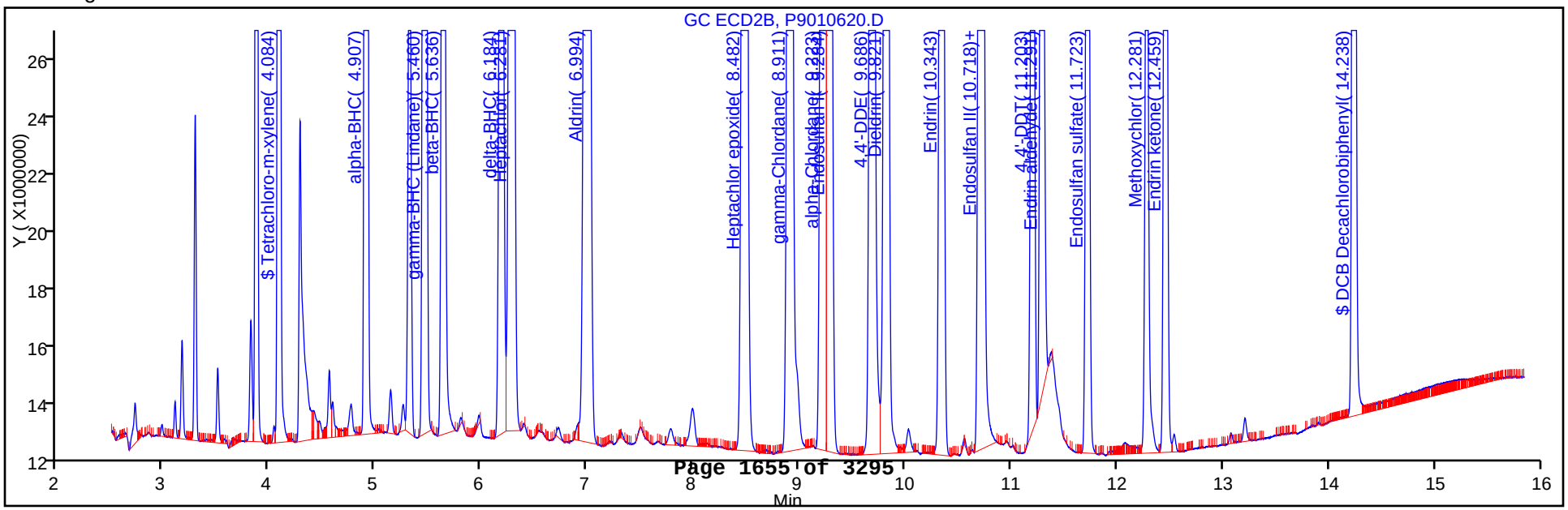
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Injection Date:	07-Jan-2013 00:24:51	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



Manual Integration/User Assign Peak Report

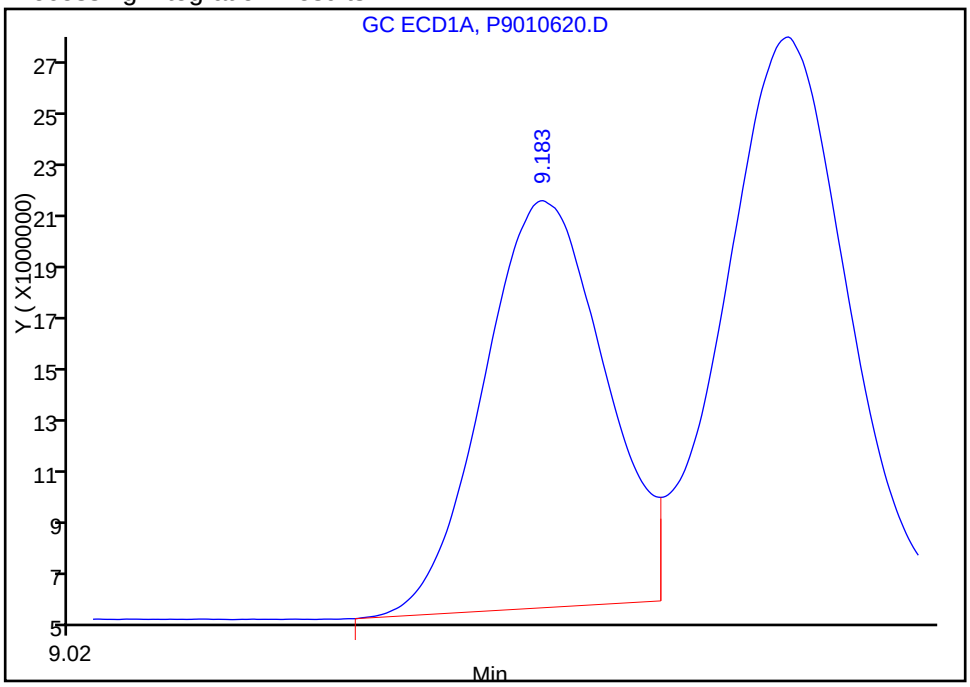
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010620.D		
Injection Date:	07-Jan-2013 00:24:51	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	20
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

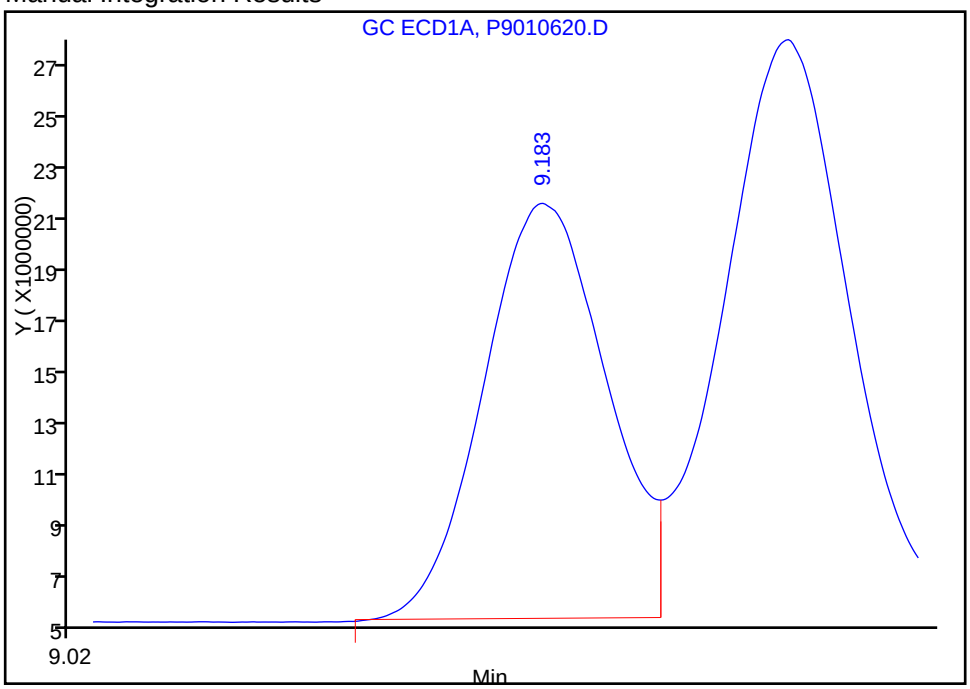
Processing Integration Results

RT: 9.18
Response: 45015266
Amount: 0.023814



Manual Integration Results

RT: 9.18
Response: 46471864
Amount: 0.024585



Reviewer: vandorenc, 07-Jan-2013 07:02:03
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/20 Calibration Date: 01/07/2013 00:24

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: P9010620.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	13177110828	11316797400		0.0215	0.0250	-14.1	20.0
gamma-BHC (Lindane)	Ave	10430817708	9662884720		0.0232	0.0250	-7.4	20.0
beta-BHC	Ave	4362472019	4448898520		0.0255	0.0250	2.0	20.0
delta-BHC	Ave	10854717199	4734527440		0.0109	0.0250	-56.4*	20.0
Heptachlor	Ave	8804394038	9914977200		0.0282	0.0250	12.6	20.0
Aldrin	Ave	10632857867	10439513280		0.0245	0.0250	-1.8	20.0
Heptachlor epoxide	Ave	8343678396	8874985040		0.0266	0.0250	6.4	20.0
gamma-Chlordane	Ave	8931440033	8947821120		0.0250	0.0250	0.2	20.0
alpha-Chlordane	Ave	8848756132	8684514760		0.0245	0.0250	-1.9	20.0
Endosulfan I	Ave	7133143283	7330749640		0.0257	0.0250	2.8	20.0
4,4'-DDE	Ave	8644997313	9000166240		0.0260	0.0250	4.1	20.0
Dieldrin	Ave	7930499061	8221949520		0.0259	0.0250	3.7	20.0
Endrin	Ave	7044330525	7423606440		0.0263	0.0250	5.4	20.0
4,4'-DDD	Ave	12386945794	11360501400		0.0229	0.0250	-8.3	20.0
Endosulfan II	Ave	12386945794	11360501400		0.0229	0.0250	-8.3	20.0
4,4'-DDT	Ave	4665523587	3584426200		0.0192	0.0250	-23.2*	20.0
Endrin aldehyde	Ave	5251792496	4213956000		0.0201	0.0250	-19.8	20.0
Endosulfan sulfate	Ave	6354273613	3710902360		0.0146	0.0250	-41.6*	20.0
Methoxychlor	Ave	2310305654	2225185000		0.0241	0.0250	-3.7	20.0
Endrin ketone	Ave	6253762508	4161855240		0.0166	0.0250	-33.5*	20.0
Tetrachloro-m-xylene	Ave	8775463387	8449676400		0.0241	0.0250	-3.7	20.0
DCB Decachlorobiphenyl	Ave	6793039666	5957452920		0.0219	0.0250	-12.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/20 Calibration Date: 01/07/2013 00:24

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: P9010620.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	4.91	4.88	4.94
gamma-BHC (Lindane)	5.46	5.43	5.49
beta-BHC	5.64	5.61	5.67
delta-BHC	6.18	6.15	6.21
Heptachlor	6.28	6.25	6.32
Aldrin	6.99	6.96	7.02
Heptachlor epoxide	8.48	8.45	8.51
gamma-Chlordane	8.91	8.88	8.94
alpha-Chlordane	9.22	9.19	9.25
Endosulfan I	9.28	9.25	9.31
4,4'-DDE	9.69	9.66	9.72
Dieldrin	9.82	9.79	9.85
Endrin	10.34	10.31	10.37
4,4'-DDD	10.72	10.69	10.75
Endosulfan II	10.72	10.69	10.75
4,4'-DDT	11.20	11.17	11.23
Endrin aldehyde	11.29	11.26	11.32
Endosulfan sulfate	11.72	11.69	11.75
Methoxychlor	12.28	12.25	12.31
Endrin ketone	12.46	12.43	12.49
Tetrachloro-m-xylene	4.08	4.05	4.11
DCB Decachlorobiphenyl	14.24	14.21	14.27

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010620.D
Lims ID: CCV AB3 Client ID:
Inject. Date: 07-Jan-2013 00:24:51 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016400-020
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 20
Lims Batch ID: 71174 Lims Sample ID: 20
Sublist: chrom-PEST9*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:53 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 07:02:03

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.498	3.498	0.000	70064114	0.0258			
2	100	4.084	4.084	0.000	211241910	0.0241			
						RPD = 6.81			
5 alpha-BHC									
1	100	4.179	4.179	0.000	89017239	0.0234			
2	100	4.907	4.907	0.000	282919935	0.0215			
						RPD = 8.45			
20 gamma-BHC (Lindane)									
1	100	4.556	4.556	0.000	76585025	0.0246			
2	100	5.460	5.460	0.000	241572118	0.0232			
						RPD = 5.96			
7 beta-BHC									
1	100	4.688	4.688	0.000	35659685	0.0263			
2	100	5.636	5.636	0.000	111222463	0.0255			
						RPD = 3.04			
11 delta-BHC									
1	100	4.901	4.901	0.000	38492891	0.0114			
2	100	6.184	6.184	0.000	118363186	0.0109			
						RPD = 4.46			
22 Heptachlor									
1	100	5.180	5.180	0.000	80097723	0.0292			
2	100	6.281	6.281	0.000	247874430	0.0282			
						RPD = 3.62			
4 Aldrin									
1	100	5.631	5.631	0.000	90772820	0.0255			
2	100	6.994	6.994	0.000	260987832	0.0245			
						RPD = 3.93			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.856	6.856	0.000	77322849	0.0284			
2	100	8.482	8.482	0.000	221874626	0.0266			
						RPD = 6.63			
21 gamma-Chlordane									
1	100	7.162	7.162	0.000	79559774	0.0260			
2	100	8.911	8.911	0.000	223695528	0.0250			
						RPD = 3.63			
6 alpha-Chlordane									
1	100	7.513	7.513	0.000	82762977	0.0262			
2	100	9.223	9.223	0.000	217112869	0.0245			
						RPD = 6.59			
14 Endosulfan I									
1	100	7.791	7.791	0.000	69433283	0.0271			
2	100	9.284	9.284	0.000	183268741	0.0257			
						RPD = 5.47			
2 4,4'-DDE									
1	100	7.896	7.896	0.000	89516072	0.0271			
2	100	9.686	9.686	0.000	225004156	0.0260			
						RPD = 3.94			
13 Dieldrin									
1	100	8.357	8.357	0.000	75248724	0.0283			
2	100	9.821	9.821	0.000	205548738	0.0259			
						RPD = 8.94			
17 Endrin									
1	100	8.818	8.818	0.000	71881569	0.0294			
2	100	10.343	10.343	0.000	185590161	0.0263			
						RPD = 11.00			
1 4,4'-DDD									M
1	100	9.183	9.183	0.000	46471864	0.0246			M
2	100	10.718	10.718	0.000	284012535	0.0229			
						RPD = 6.97			
15 Endosulfan II									
1	100	9.268	9.268	0.000	63677456	0.0252			
2	100	10.718	10.718	0.000	284012535	0.0229			
						RPD = 9.45			
3 4,4'-DDT									
1	100	9.704	9.704	0.000	40128863	0.0214			
2	100	11.203	11.203	0.000	89610655	0.0192			
						RPD = 10.70			
18 Endrin aldehyde									
1	100	10.068	10.068	0.000	47019823	0.0256			
2	100	11.291	11.291	0.000	105348900	0.0201			
						RPD = 24.16			
27 Methoxychlor									
1	100	10.656	10.656	0.000	23128332	0.0263			
2	100	12.281	12.281	0.000	55629625	0.0241			
						RPD = 8.99			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.786	10.786	0.000	37800597	0.0169			
2	100	11.723	11.723	0.000	92772559	0.0146			
						RPD = 14.53			
19 Endrin ketone									
1	100	11.187	11.187	0.000	45899314	0.0196			
2	100	12.459	12.459	0.000	104046381	0.0166			
						RPD = 16.37			
$ 10 DCB Decachlorobiphenyl									
1	100	12.798	12.798	0.000	61887558	0.0242			
2	100	14.238	14.238	0.000	148936323	0.0219			
						RPD = 10.04			

QC Flag Legend

Review Flags
M - Manually Integrated

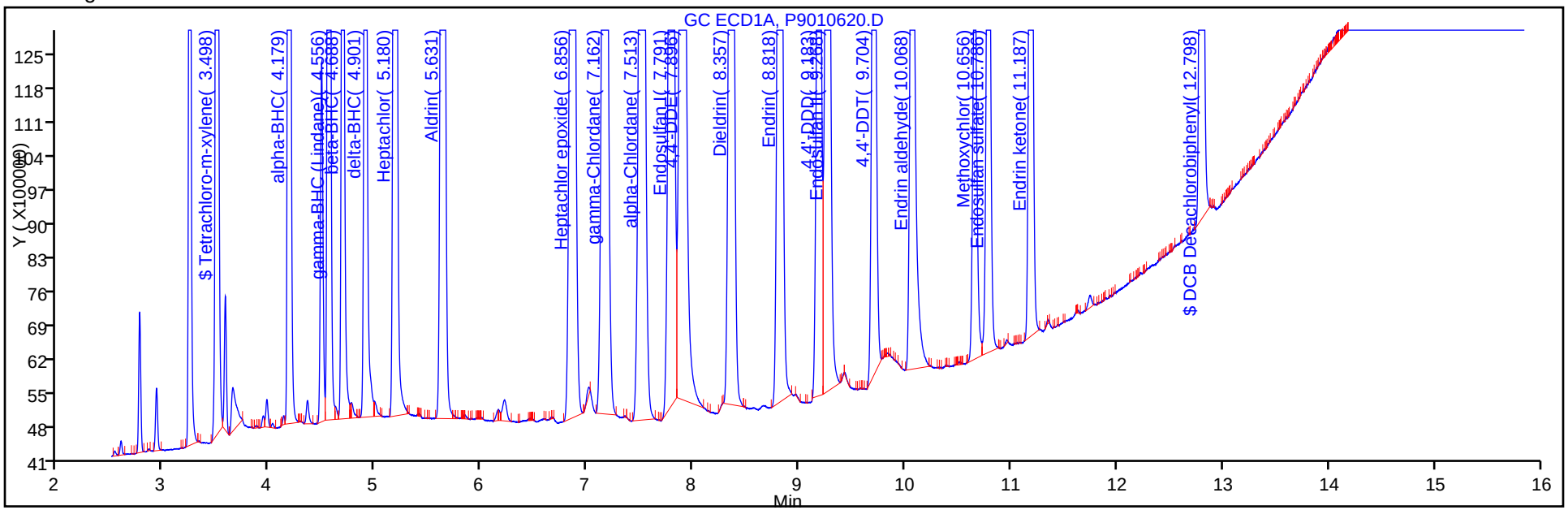
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TestAmerica Canton

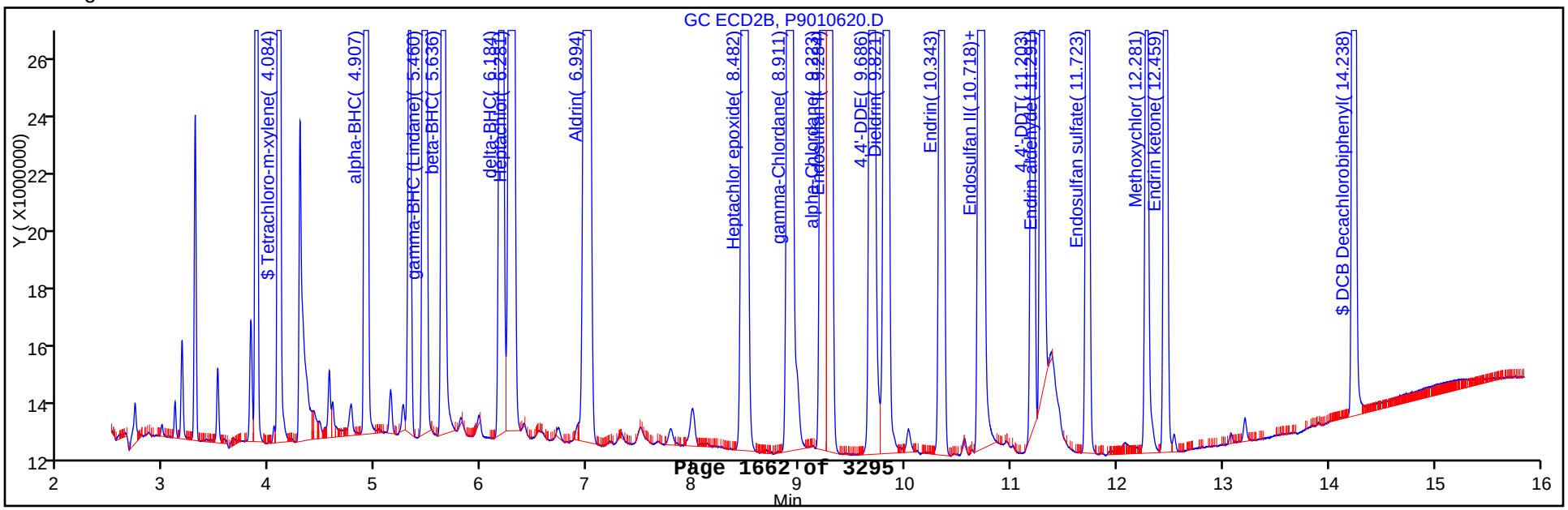
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Injection Date:	07-Jan-2013 00:24:51	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/22 Calibration Date: 01/07/2013 01:19

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 16:43

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 18:34

Lab File ID: P9010622.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	129175756	149248880		0.116	0.100	15.5	20.0
Chlordane (technical) Peak 2	Ave	117593671	133910730		0.114	0.100	13.9	20.0
Chlordane (technical) Peak 3	Ave	386374303	458671100		0.119	0.100	18.7	20.0
Chlordane (technical) Peak 4	Ave	603179595	718800550		0.119	0.100	19.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/22 Calibration Date: 01/07/2013 01:19

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 16:43

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/06/2012 18:34

Lab File ID: P9010622.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (technical) Peak 1	5.07	5.04	5.10
Chlordane (technical) Peak 2	5.92	5.89	5.95
Chlordane (technical) Peak 3	7.16	7.13	7.19
Chlordane (technical) Peak 4	7.51	7.48	7.54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010622.D
Lims ID: CCV TC3 Client ID:
Inject. Date: 07-Jan-2013 01:19:50 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016400-022
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 71174 Lims Sample ID: 22
Sublist: chrom-PEST9*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:56 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: XAWRK004

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	5.068	5.068	0.000	14924888	0.1155		100.0	
1	2	5.921	5.921	0.000	13391073	0.1139	68.4- 108.4	89.7	
1	3	7.161	7.161	0.000	45867110	0.1187	289.4- 329.4	307.3	
1	4	7.507	7.507	0.000	71880055	0.1192	465.8- 505.8	481.6	
			Average of Peak Amounts =			0.1168			
2	100	5.988	5.988	0.000	48263239	0.0980		100.0	
2	2	7.485	7.485	0.000	45444385	0.1494	8.4- 48.4	94.2	
2	3	8.909	8.909	0.000	115382558	0.1277	101.3- 141.3	239.1	
2	4	9.222	9.222	0.000	102473860	0.1264	72.8- 112.8	212.3	
			Average of Peak Amounts =			0.1254			
						RPD = 7.06			

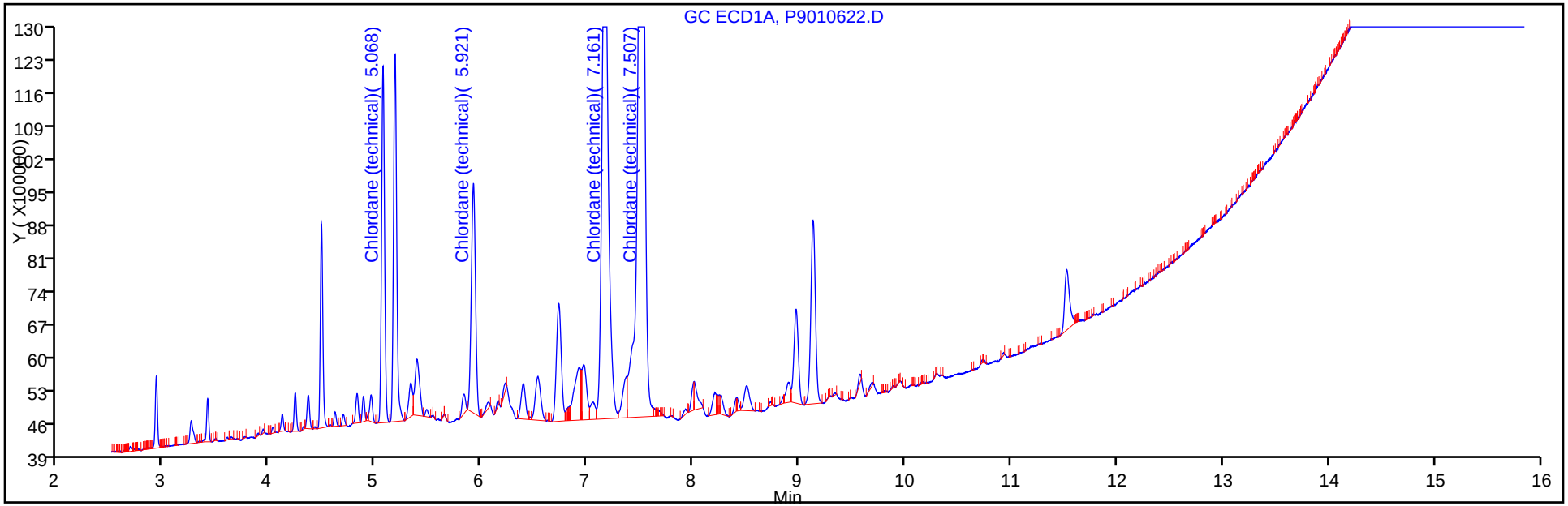
Report Date: 07-Jan-2013 07:09:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

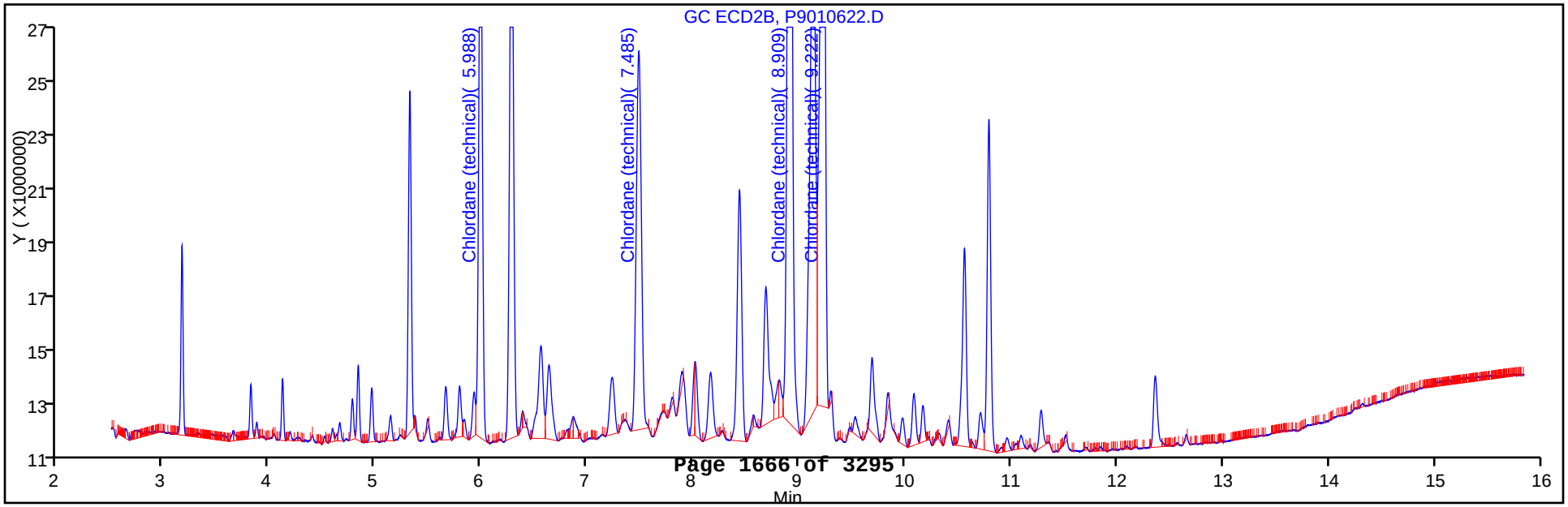
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010622.D

Injection Date:	07-Jan-2013 01:19:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/22 Calibration Date: 01/07/2013 01:19

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 16:43

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 18:34

Lab File ID: P9010622.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	492705439	482632390		0.0980	0.100	-2.0	20.0
Chlordane (technical) Peak 2	Ave	304182988	454443850		0.149	0.100	49.4*	20.0
Chlordane (technical) Peak 3	Ave	903671005	1153825580		0.128	0.100	27.7*	20.0
Chlordane (technical) Peak 4	Ave	810442430	1024738600		0.126	0.100	26.4*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-71174/22 Calibration Date: 01/07/2013 01:19

Instrument ID: A2HP9 Calib Start Date: 12/06/2012 16:43

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/06/2012 18:34

Lab File ID: P9010622.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (technical) Peak 1	5.99	5.96	6.02
Chlordane (technical) Peak 2	7.49	7.46	7.52
Chlordane (technical) Peak 3	8.91	8.88	8.94
Chlordane (technical) Peak 4	9.22	9.19	9.25

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010622.D
Lims ID: CCV TC3 Client ID:
Inject. Date: 07-Jan-2013 01:19:50 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016400-022
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 71174 Lims Sample ID: 22
Sublist: chrom-PEST9*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:56 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: XAWRK004

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100	5.068	5.068	0.000	14924888	0.1155		100.0	
1	2	5.921	5.921	0.000	13391073	0.1139	68.4- 108.4	89.7	
1	3	7.161	7.161	0.000	45867110	0.1187	289.4- 329.4	307.3	
1	4	7.507	7.507	0.000	71880055	0.1192	465.8- 505.8	481.6	
			Average of Peak Amounts =			0.1168			
2	100	5.988	5.988	0.000	48263239	0.0980		100.0	
2	2	7.485	7.485	0.000	45444385	0.1494	8.4- 48.4	94.2	
2	3	8.909	8.909	0.000	115382558	0.1277	101.3- 141.3	239.1	
2	4	9.222	9.222	0.000	102473860	0.1264	72.8- 112.8	212.3	
			Average of Peak Amounts =			0.1254			
						RPD = 7.06			

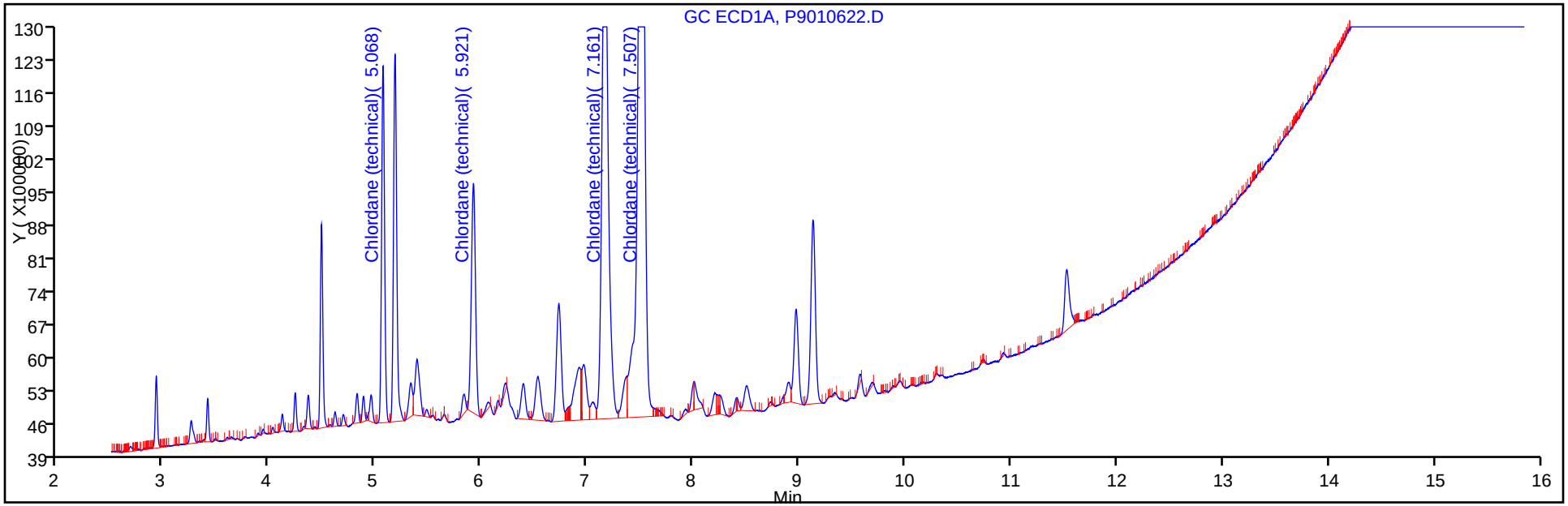
Report Date: 07-Jan-2013 07:09:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

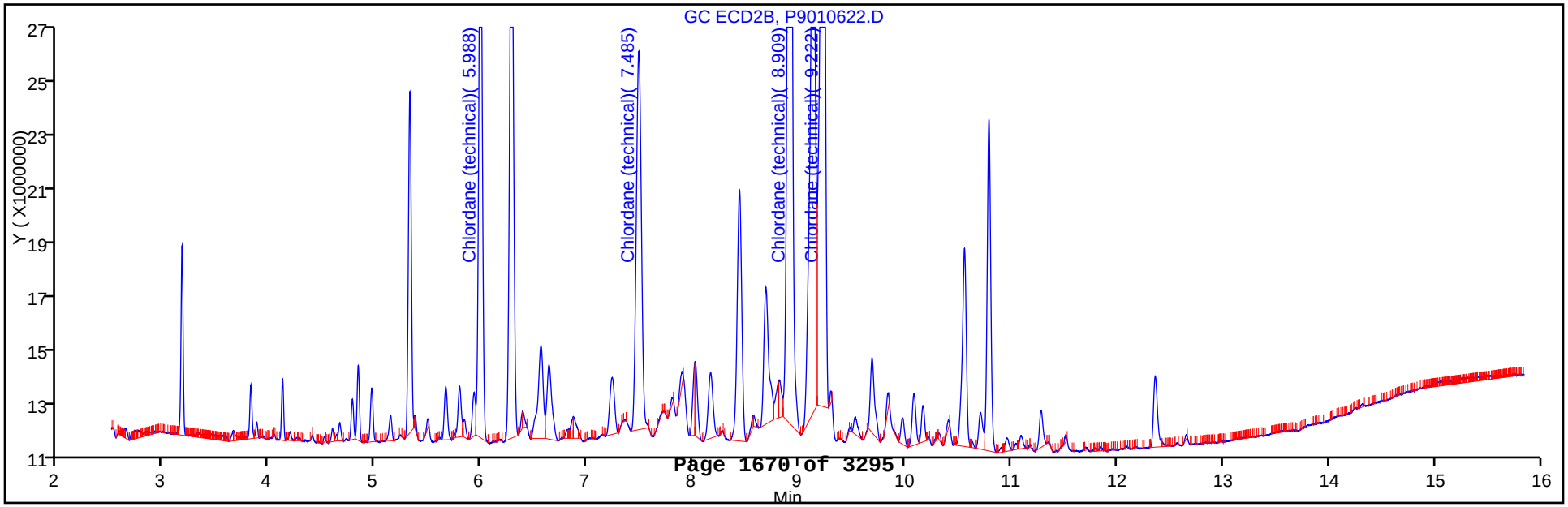
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010622.D

Injection Date:	07-Jan-2013 01:19:50	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-68554/4-A

Matrix: Water | Lab File ID: P9121813.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 12/13/2012 11:40

Sample wt/vol: 1000(mL) | Date Analyzed: 12/18/2012 14:09

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 69152 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.010	U	0.050	0.010	0.0096
72-55-9	4,4'-DDE	0.010	U	0.050	0.010	0.0097
50-29-3	4,4'-DDT	0.030	U	0.050	0.030	0.016
309-00-2	Aldrin	0.010	U	0.050	0.010	0.0082
319-84-6	alpha-BHC	0.010	U	0.050	0.010	0.0070
5103-71-9	alpha-Chlordane	0.014	U	0.050	0.014	0.014
319-85-7	beta-BHC	0.010	U	0.050	0.010	0.0084
319-86-8	delta-BHC	0.010	U	0.050	0.010	0.0087
60-57-1	Dieldrin	0.010	U	0.050	0.010	0.0075
959-98-8	Endosulfan I	0.013	U	0.050	0.013	0.013
33213-65-9	Endosulfan II	0.012	U	0.050	0.012	0.012
1031-07-8	Endosulfan sulfate	0.011	U	0.050	0.011	0.011
72-20-8	Endrin	0.011	U	0.050	0.011	0.011
7421-93-4	Endrin aldehyde	0.011	U	0.050	0.011	0.011
53494-70-5	Endrin ketone	0.010	U	0.050	0.010	0.0078
58-89-9	gamma-BHC (Lindane)	0.010	U	0.050	0.010	0.0064
5103-74-2	gamma-Chlordane	0.012	U	0.050	0.012	0.012
76-44-8	Heptachlor	0.010	U	0.050	0.010	0.0080
1024-57-3	Heptachlor epoxide	0.010	U	0.050	0.010	0.0071
72-43-5	Methoxychlor	0.032	U	0.10	0.032	0.032
8001-35-2	Toxaphene	0.50	U	2.0	0.50	0.32

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		30-135
877-09-8	Tetrachloro-m-xylene	82		25-140

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121813.D
Lims ID: MB 240-68554/4-A Client ID:
Inject. Date: 18-Dec-2012 14:09:31 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015955-013
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 69152 Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05 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: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:41:30

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	84824353	0.0327			
2	100	4.092	4.091	0.001	238203173	0.0308			
						RPD = 5.99			
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		4.917						
20 gamma-BHC (Lindane)									
1	100		4.559						
2	100		5.472						
7 beta-BHC									
1	100		4.691						
2	100		5.649						
11 delta-BHC									
1	100		4.904						
2	100		6.198						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.072						
1	2		5.927						
1	3		7.169						
1	4		7.517						
2	100		6.001						
2	2		7.502						
2	3		8.925						
2	4		9.240						
22 Heptachlor									
1	100		5.186						
2	100		6.296						
4 Aldrin									
1	100		5.636						
2	100		7.012						
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.865						
2	100		8.499						
21 gamma-Chlordane									
1	100		7.170						
2	100		8.926						
6 alpha-Chlordane									
1	100		7.520						
2	100		9.239						
14 Endosulfan I									
1	100		7.800						
2	100		9.298						
2 4,4'-DDE									
1	100		7.902						
2	100		9.698						
13 Dieldrin									
1	100		8.366						
2	100		9.835						
17 Endrin									
1	100		8.824						
2	100		10.357						
26 Kepone									
1	100		9.002						
2	100		10.667						
1 4,4'-DDD									
1	100		9.185						
2	100		10.728						
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		9.274						
2	100		10.728						
30 Toxaphene									
1	100		9.505						
1	2		9.950						
1	3		10.016						
1	4		10.601						
1	5		11.167						
2	100		10.893						
2	2		11.441						
2	3		11.843						
2	4		12.071						
2	5		12.458						
3 4,4'-DDT									
1	100		9.708						
2	100		11.215						
18 Endrin aldehyde									
1	100		10.068						
2	100		11.302						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.659						
2	100		12.292						
16 Endosulfan sulfate									
1	100		10.791						
2	100		11.736						
19 Endrin ketone									
1	100		11.192						
2	100		12.473						
$ 10 DCB Decachlorobiphenyl									M
1	100	12.804	12.803	0.001	73626979	0.0308			
2	100	14.252	14.251	0.001	171313687	0.0299			M
						RPD = 3.15			

QC Flag Legend

Review Flags
M - Manually Integrated

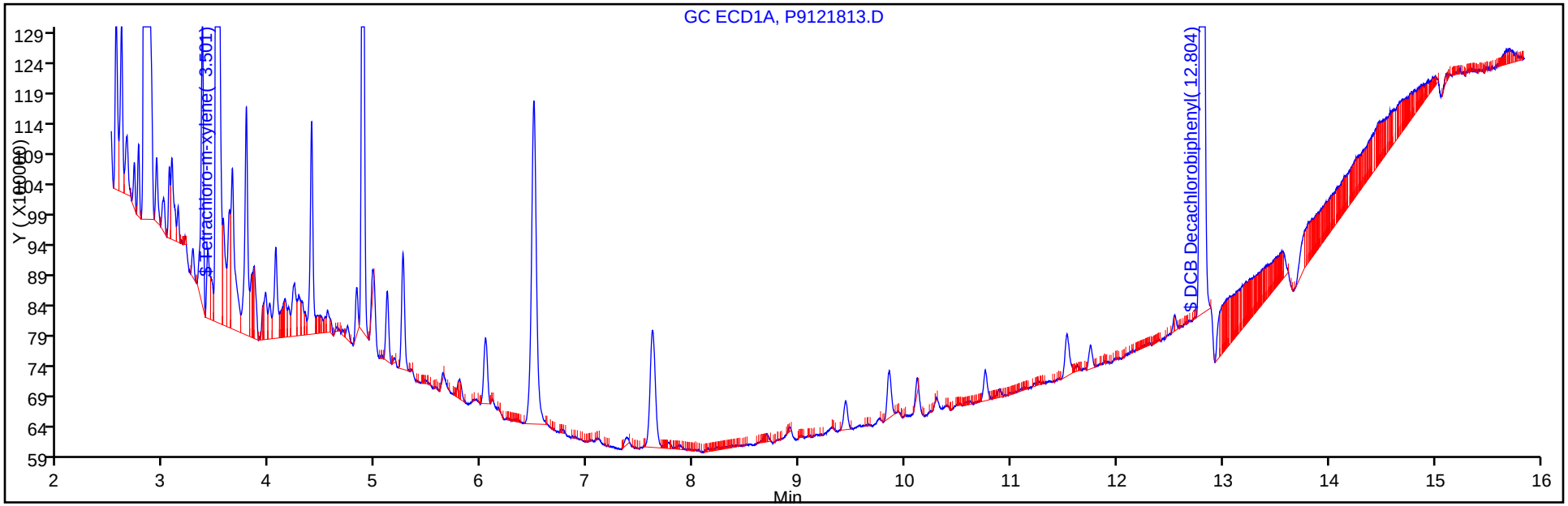
Report Date: 19-Dec-2012 12:50:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

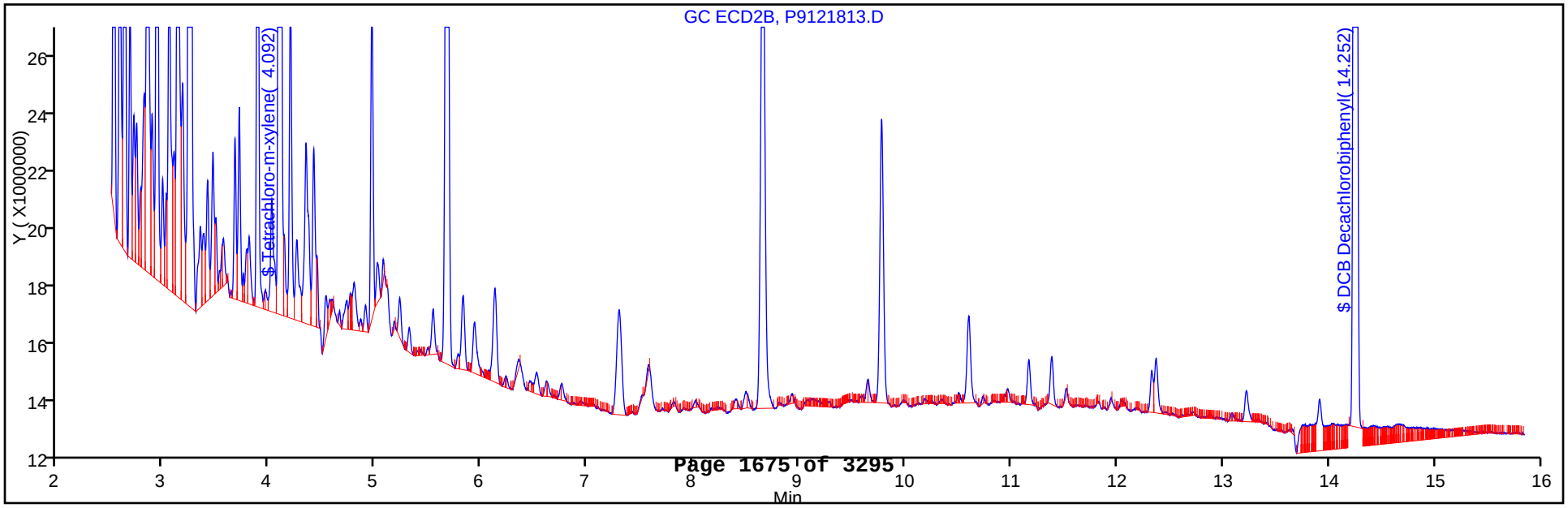
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121813.D

Injection Date:	18-Dec-2012 14:09:31	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	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



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-68554/4-A

Matrix: Water Lab File ID: P9121813.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3520C Date Extracted: 12/13/2012 11:40

Sample wt/vol: 1000(mL) Date Analyzed: 12/18/2012 14:09

Con. Extract Vol.: 5(mL) Dilution Factor: 1

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

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

Analysis Batch No.: 69152 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	75	*M*	30-135
877-09-8	Tetrachloro-m-xylene	77		25-140

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121813.D
Lims ID: MB 240-68554/4-A Client ID:
Inject. Date: 18-Dec-2012 14:09:31 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015955-013
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 69152 Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05 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: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:41:30

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	84824353	0.0327			
2	100	4.092	4.091	0.001	238203173	0.0308			
						RPD = 5.99			
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		4.917						
20 gamma-BHC (Lindane)									
1	100		4.559						
2	100		5.472						
7 beta-BHC									
1	100		4.691						
2	100		5.649						
11 delta-BHC									
1	100		4.904						
2	100		6.198						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.072						
1	2		5.927						
1	3		7.169						
1	4		7.517						
2	100		6.001						
2	2		7.502						
2	3		8.925						
2	4		9.240						
22 Heptachlor									
1	100		5.186						
2	100		6.296						
4 Aldrin									
1	100		5.636						
2	100		7.012						
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100		6.865						
2	100		8.499						
21 gamma-Chlordane									
1	100		7.170						
2	100		8.926						
6 alpha-Chlordane									
1	100		7.520						
2	100		9.239						
14 Endosulfan I									
1	100		7.800						
2	100		9.298						
2 4,4'-DDE									
1	100		7.902						
2	100		9.698						
13 Dieldrin									
1	100		8.366						
2	100		9.835						
17 Endrin									
1	100		8.824						
2	100		10.357						
26 Kepone									
1	100		9.002						
2	100		10.667						
1 4,4'-DDD									
1	100		9.185						
2	100		10.728						
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		9.274						
2	100		10.728						
30 Toxaphene									
1	100		9.505						
1	2		9.950						
1	3		10.016						
1	4		10.601						
1	5		11.167						
2	100		10.893						
2	2		11.441						
2	3		11.843						
2	4		12.071						
2	5		12.458						
3 4,4'-DDT									
1	100		9.708						
2	100		11.215						
18 Endrin aldehyde									
1	100		10.068						
2	100		11.302						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.659						
2	100		12.292						
16 Endosulfan sulfate									
1	100		10.791						
2	100		11.736						
19 Endrin ketone									
1	100		11.192						
2	100		12.473						
$ 10 DCB Decachlorobiphenyl									M
1	100	12.804	12.803	0.001	73626979	0.0308			
2	100	14.252	14.251	0.001	171313687	0.0299			M
						RPD = 3.15			

QC Flag Legend

Review Flags
M - Manually Integrated

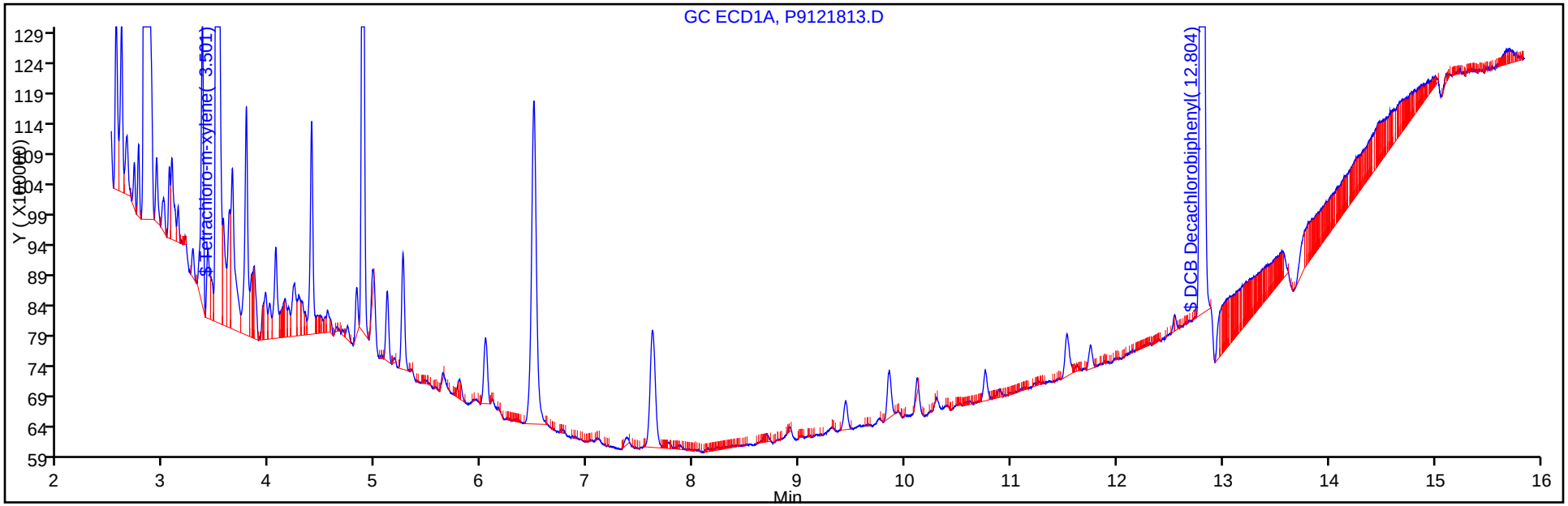
Report Date: 19-Dec-2012 12:50:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

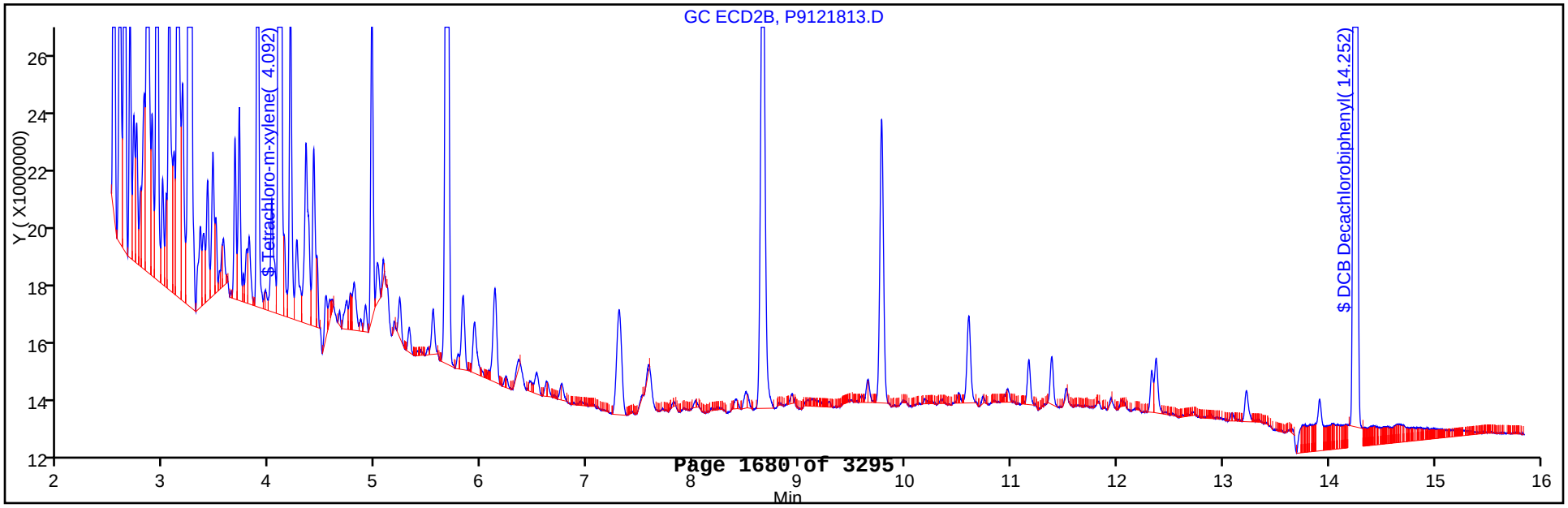
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121813.D

Injection Date:	18-Dec-2012 14:09:31	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	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



Manual Integration/User Assign Peak Report

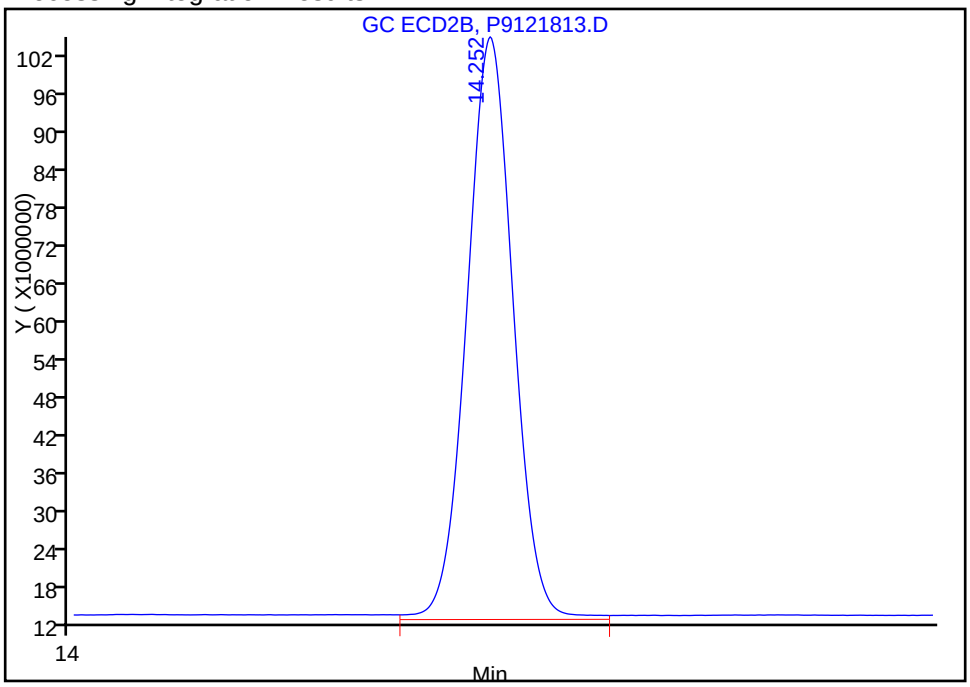
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121813.D		
Injection Date:	18-Dec-2012 14:09:31	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	Lims Sample ID:	13
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

$ 10 DCB Decachlorobiphenyl, Signal: 2, Type: quant, RT: 14.25, Det: GC ecd2b

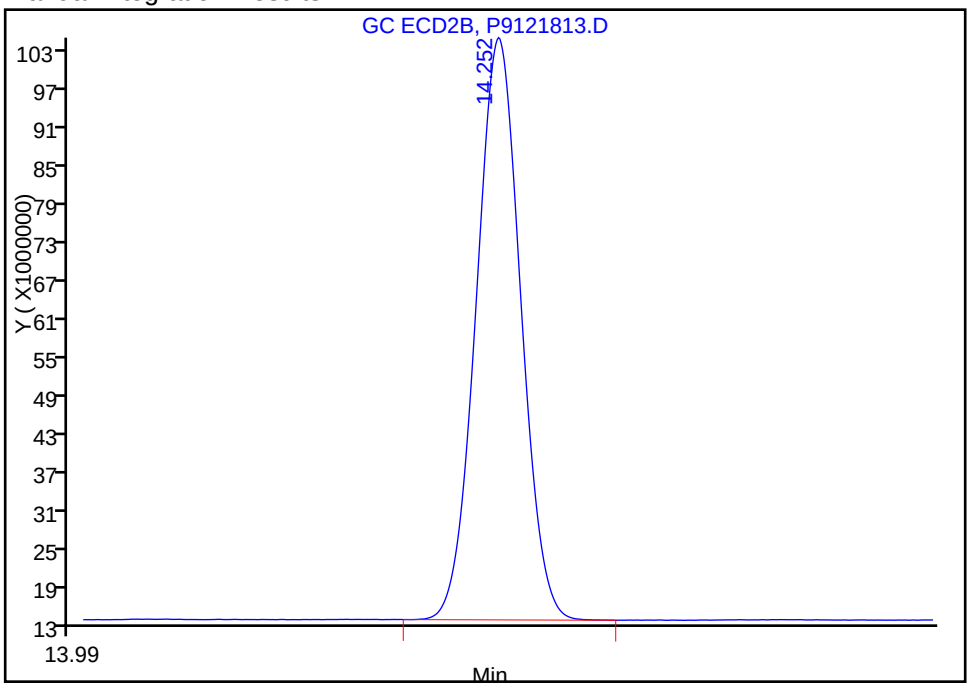
Processing Integration Results

RT: 14.25
Response: 176355665
Amount: 0.030742



Manual Integration Results

RT: 14.25
Response: 171313687
Amount: 0.029863



Reviewer: vandorenc, 19-Dec-2012 12:41:30
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-70005/5-A

Matrix: Solid | Lab File ID: P9010612.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 12/24/2012 10:33

Sample wt/vol: 250(mL) | Date Analyzed: 01/06/2013 20:49

Con. Extract Vol.: 3(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.: 71174 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
57-74-9	Chlordane (technical)	0.000079	U	0.030	0.000079	0.000079
72-20-8	Endrin	0.000026	U	0.010	0.000026	0.000026
58-89-9	gamma-BHC (Lindane)	0.000024	U	0.010	0.000024	0.000015
76-44-8	Heptachlor	0.000024	U	0.010	0.000024	0.000019
1024-57-3	Heptachlor epoxide	0.000024	U	0.010	0.000024	0.000017
72-43-5	Methoxychlor	0.000077	U	0.030	0.000077	0.000077

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		44-144
877-09-8	Tetrachloro-m-xylene	65		44-127

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010612.D
Lims ID: MB 240-70005/5-A Client ID:
Inject. Date: 06-Jan-2013 20:49:09 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016400-012
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 71174 Lims Sample ID: 12
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:35 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 06:43:37

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	3.498	0.001	117120789	0.0431			
2	100	4.085	4.085	0.000	377378323	0.0430			
						RPD = 0.17			
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.693						
12 Diallate									
1	100		4.056						
1	2		4.220						
2	100		4.655						
2	2		4.801						
5 alpha-BHC									
1	100		4.181						
2	100		4.908						
20 gamma-BHC (Lindane)									
1	100		4.556						
2	100		5.461						
7 beta-BHC									
1	100		4.688						
2	100		5.637						
11 delta-BHC									
1	100		4.901						
2	100		6.186						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.065						
1	2		5.918						
1	3		7.159						
1	4		7.504						
2	100		5.987						
2	2		7.482						
2	3		8.909						
2	4		9.223						
22 Heptachlor									
1	100		5.181						
2	100		6.282						
4 Aldrin									
1	100		5.631						
2	100		6.995						
25 Isodrin									
1	100		6.217						
2	100		7.994						
23 Heptachlor epoxide									
1	100		6.856						
2	100		8.483						
21 gamma-Chlordane									
1	100		7.163						
2	100		8.911						
6 alpha-Chlordane									
1	100		7.514						
2	100		9.224						
14 Endosulfan I									
1	100		7.791						
2	100		9.285						
2 4,4'-DDE									
1	100		7.898						
2	100		9.688						
13 Dieldrin									
1	100		8.356						
2	100		9.821						
17 Endrin									1
1	100		8.818						
2	100		10.343						
26 Kepone									
1	100		8.909						
2	100		10.531						
1 4,4'-DDD									
1	100		9.188						
2	100		10.718						
15 Endosulfan II									
1	100		9.266						
2	100		10.718						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 Chlorobenzilate									
1	100		9.280						
2	100		10.533						
30 Toxaphene									
1	100		9.497						
1	2		9.948						
1	3		10.011						
1	4		10.596						
1	5		11.162						
2	100		10.881						
2	2		11.428						
2	3		11.831						
2	4		12.057						
2	5		12.445						
3 4,4'-DDT									
1	100		9.706						
2	100		11.204						
18 Endrin aldehyde									
1	100		10.063						
2	100		11.290						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.659						
2	100		12.283						
16 Endosulfan sulfate									
1	100		10.786						
2	100		11.722						
19 Endrin ketone									
1	100		11.187						
2	100		12.460						
$ 10 DCB Decachlorobiphenyl									
1	100	12.798	12.800	-0.002	125941475	0.0493			
2	100	14.238	14.240	-0.002	316623021	0.0466			
						RPD = 5.68			

QC Flag Legend

Processing Flags
1 - Missing Peaks

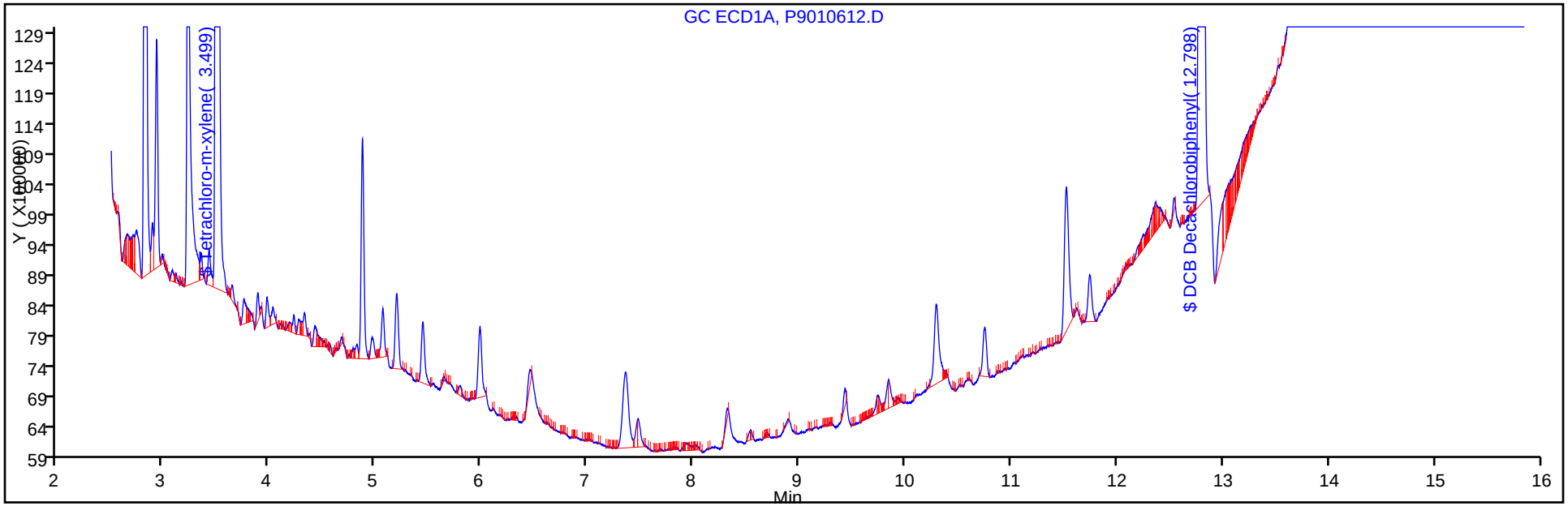
Report Date: 07-Jan-2013 07:09:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

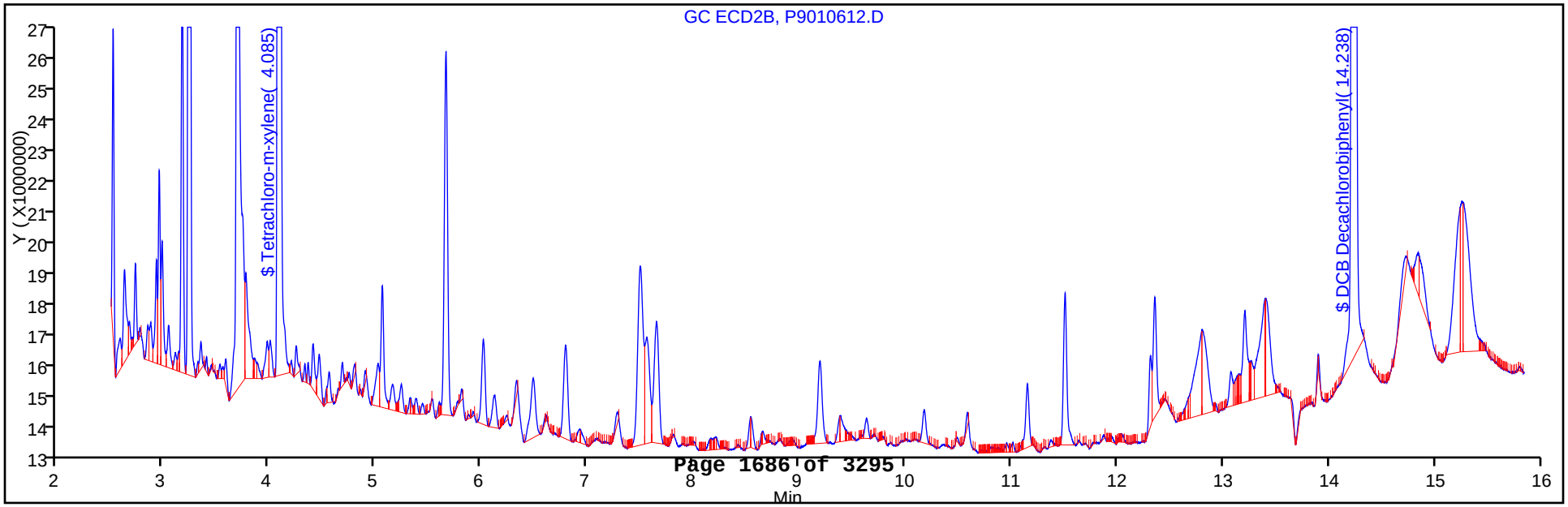
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010612.D

Injection Date:	06-Jan-2013 20:49:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-70005/5-A

Matrix: Solid Lab File ID: P9010612.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3520C Date Extracted: 12/24/2012 10:33

Sample wt/vol: 250(mL) Date Analyzed: 01/06/2013 20:49

Con. Extract Vol.: 3(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.: 71174 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		44-144
877-09-8	Tetrachloro-m-xylene	65		44-127

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010612.D
Lims ID: MB 240-70005/5-A Client ID:
Inject. Date: 06-Jan-2013 20:49:09 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016400-012
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 71174 Lims Sample ID: 12
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:35 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 06:43:37

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	3.498	0.001	117120789	0.0431			
2	100	4.085	4.085	0.000	377378323	0.0430			
						RPD = 0.17			
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.693						
12 Diallate									
1	100		4.056						
1	2		4.220						
2	100		4.655						
2	2		4.801						
5 alpha-BHC									
1	100		4.181						
2	100		4.908						
20 gamma-BHC (Lindane)									
1	100		4.556						
2	100		5.461						
7 beta-BHC									
1	100		4.688						
2	100		5.637						
11 delta-BHC									
1	100		4.901						
2	100		6.186						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.065						
1	2		5.918						
1	3		7.159						
1	4		7.504						
2	100		5.987						
2	2		7.482						
2	3		8.909						
2	4		9.223						
22 Heptachlor									
1	100		5.181						
2	100		6.282						
4 Aldrin									
1	100		5.631						
2	100		6.995						
25 Isodrin									
1	100		6.217						
2	100		7.994						
23 Heptachlor epoxide									
1	100		6.856						
2	100		8.483						
21 gamma-Chlordane									
1	100		7.163						
2	100		8.911						
6 alpha-Chlordane									
1	100		7.514						
2	100		9.224						
14 Endosulfan I									
1	100		7.791						
2	100		9.285						
2 4,4'-DDE									
1	100		7.898						
2	100		9.688						
13 Dieldrin									
1	100		8.356						
2	100		9.821						
17 Endrin									1
1	100		8.818						
2	100		10.343						
26 Kepone									
1	100		8.909						
2	100		10.531						
1 4,4'-DDD									
1	100		9.188						
2	100		10.718						
15 Endosulfan II									
1	100		9.266						
2	100		10.718						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
9 Chlorobenzilate									
1	100		9.280						
2	100		10.533						
30 Toxaphene									
1	100		9.497						
1	2		9.948						
1	3		10.011						
1	4		10.596						
1	5		11.162						
2	100		10.881						
2	2		11.428						
2	3		11.831						
2	4		12.057						
2	5		12.445						
3 4,4'-DDT									
1	100		9.706						
2	100		11.204						
18 Endrin aldehyde									
1	100		10.063						
2	100		11.290						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.659						
2	100		12.283						
16 Endosulfan sulfate									
1	100		10.786						
2	100		11.722						
19 Endrin ketone									
1	100		11.187						
2	100		12.460						
$ 10 DCB Decachlorobiphenyl									
1	100	12.798	12.800	-0.002	125941475	0.0493			
2	100	14.238	14.240	-0.002	316623021	0.0466			
						RPD = 5.68			

QC Flag Legend

Processing Flags
1 - Missing Peaks

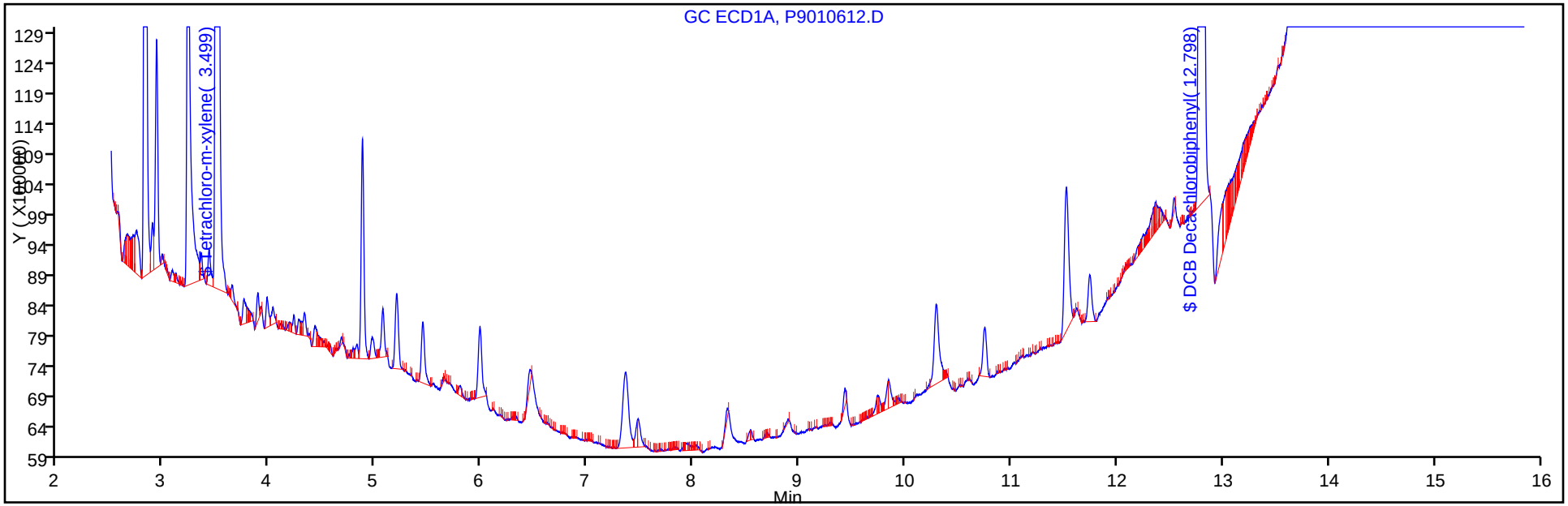
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TestAmerica Canton

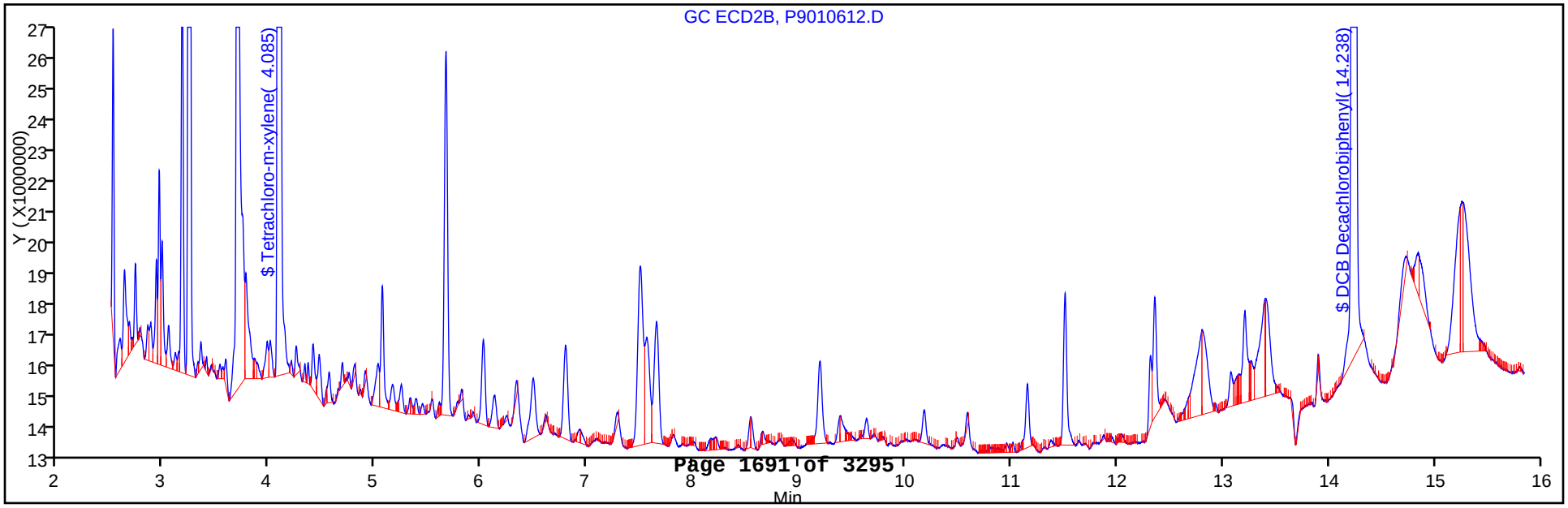
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010612.D

Injection Date:	06-Jan-2013 20:49:09	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68554/5-A

Matrix: Water | Lab File ID: P9121809.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 12/13/2012 11:40

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

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 69152 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.409		0.050	0.010	0.0096
72-55-9	4,4'-DDE	0.378		0.050	0.010	0.0097
50-29-3	4,4'-DDT	0.391		0.050	0.030	0.016
309-00-2	Aldrin	0.362		0.050	0.010	0.0082
319-84-6	alpha-BHC	0.373		0.050	0.010	0.0070
5103-71-9	alpha-Chlordane	0.363		0.050	0.014	0.014
319-85-7	beta-BHC	0.369		0.050	0.010	0.0084
319-86-8	delta-BHC	0.382		0.050	0.010	0.0087
60-57-1	Dieldrin	0.388		0.050	0.010	0.0075
959-98-8	Endosulfan I	0.330		0.050	0.013	0.013
33213-65-9	Endosulfan II	0.347		0.050	0.012	0.012
1031-07-8	Endosulfan sulfate	0.378		0.050	0.011	0.011
72-20-8	Endrin	0.389		0.050	0.011	0.011
7421-93-4	Endrin aldehyde	0.380		0.050	0.011	0.011
58-89-9	gamma-BHC (Lindane)	0.378		0.050	0.010	0.0064
5103-74-2	gamma-Chlordane	0.380		0.050	0.012	0.012
76-44-8	Heptachlor	0.381		0.050	0.010	0.0080
1024-57-3	Heptachlor epoxide	0.384		0.050	0.010	0.0071
72-43-5	Methoxychlor	0.377		0.10	0.032	0.032

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	39		30-135
877-09-8	Tetrachloro-m-xylene	76		25-140

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121809.D
Lims ID: LCS 240-68554/5-A
Client ID:
Inject. Date: 18-Dec-2012 12:18:56
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015955-009
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 9
Lims Batch ID: 69152
Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05
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: XAWRK024

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	78460736	0.0303			
2	100	4.091	4.091	0.000	245220912	0.0317			
						RPD = 4.71			
5 alpha-BHC									
1	100	4.183	4.183	0.000	255102613	0.0746			
2	100	4.918	4.917	0.001	890673560	0.0825			
						RPD = 10.08			
20 gamma-BHC (Lindane)									
1	100	4.559	4.559	0.000	220457825	0.0757			
2	100	5.473	5.472	0.001	744333916	0.0829			
						RPD = 9.18			
7 beta-BHC									
1	100	4.689	4.691	-0.002	92279206	0.0738			
2	100	5.648	5.649	-0.001	298419283	0.0791			
						RPD = 6.93			
11 delta-BHC									
1	100	4.904	4.904	0.000	234169686	0.0765			
2	100	6.199	6.198	0.001	791398515	0.0839			
						RPD = 9.30			
22 Heptachlor									
1	100	5.185	5.186	-0.001	202355856	0.0762			
2	100	6.296	6.296	0.000	627839576	0.0789			
						RPD = 3.46			
4 Aldrin									
1	100	5.636	5.636	0.000	231136703	0.0725			
2	100	7.012	7.012	0.000	706851591	0.0799			
						RPD = 9.72			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.864	6.865	-0.001	198083209	0.0767			
2	100	8.499	8.499	0.000	602064004	0.0825			
						RPD = 7.27			
21 gamma-Chlordane									
1	100	7.169	7.170	-0.001	213767218	0.0761			
2	100	8.926	8.926	0.000	613591308	0.0822			
						RPD = 7.69			
6 alpha-Chlordane									
1	100	7.520	7.520	0.000	211589974	0.0726			
2	100	9.239	9.239	0.000	600656086	0.0794			
						RPD = 9.01			
14 Endosulfan I									
1	100	7.798	7.800	-0.002	160618182	0.0661			
2	100	9.300	9.298	0.002	431852332	0.0697			
						RPD = 5.35			
2 4,4'-DDE									
1	100	7.900	7.902	-0.002	225593477	0.0756			
2	100	9.699	9.698	0.001	617512015	0.0823			
						RPD = 8.55			
13 Dieldrin									
1	100	8.365	8.366	-0.001	193727083	0.0776			
2	100	9.836	9.835	0.001	566286671	0.0832			
						RPD = 6.99			
17 Endrin									
1	100	8.824	8.824	0.000	176191935	0.0778			
2	100	10.357	10.357	0.000	528070684	0.0835			
						RPD = 7.09			
1 4,4'-DDD									
1	100	9.187	9.185	0.002	150345633	0.0819			
2	100	10.727	10.728	-0.001	901416083	0.0835			
						RPD = 2.03			
15 Endosulfan II									
1	100	9.274	9.274	0.000	163749820	0.0694			
2	100	10.727	10.728	-0.001	901416083	0.0824			
						RPD = 17.13			
3 4,4'-DDT									
1	100	9.709	9.708	0.001	155794349	0.0781			
2	100	11.215	11.215	0.000	400525588	0.0813			
						RPD = 3.95			
18 Endrin aldehyde									
1	100	10.069	10.068	0.001	136760421	0.0760			
2	100	11.302	11.302	0.000	379858565	0.0803			
						RPD = 5.49			
27 Methoxychlor									
1	100	10.659	10.659	0.000	70498683	0.0754			
2	100	12.294	12.292	0.002	183452150	0.0737			
						RPD = 2.23			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.792	10.791	0.001	164249866	0.0757			
2	100	11.737	11.736	0.001	477888464	0.0844			
						RPD = 10.89			
19 Endrin ketone									
1	100	11.193	11.192	0.001	167002329	0.0744			
2	100	12.474	12.473	0.001	451077398	0.0782			
						RPD = 4.96			
$ 10 DCB Decachlorobiphenyl									
1	100	12.804	12.803	0.001	37392323	0.0157			
2	100	14.251	14.251	0.000	94843197	0.0165			
						RPD = 5.48			

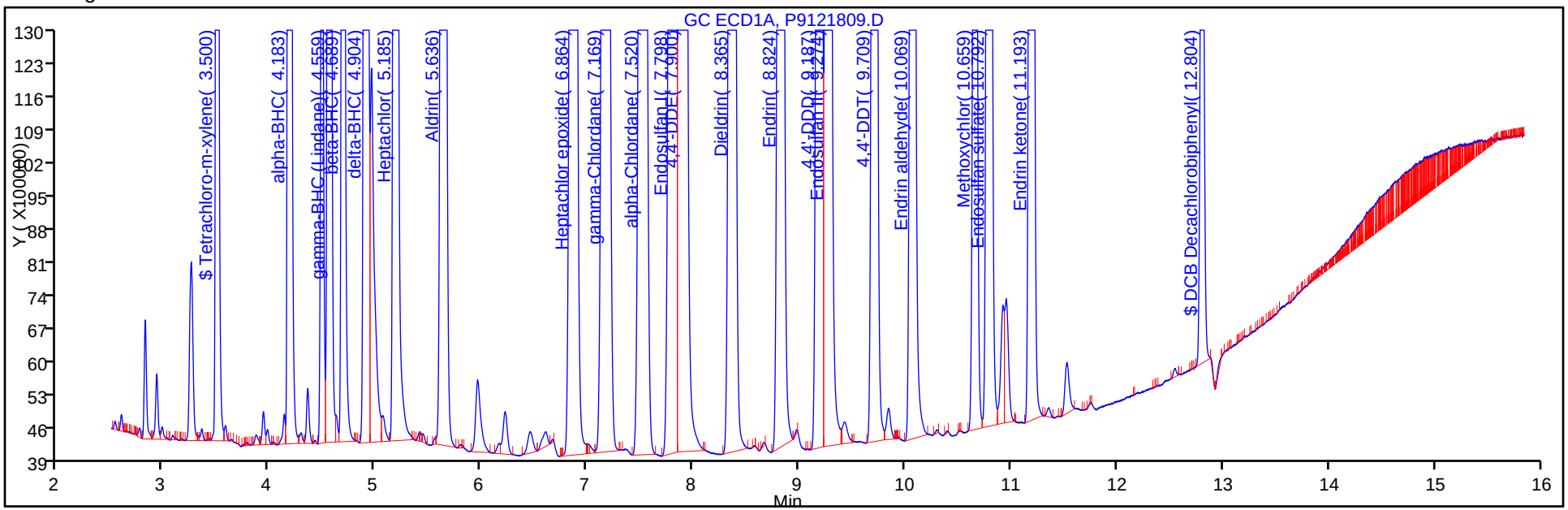
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TestAmerica Canton

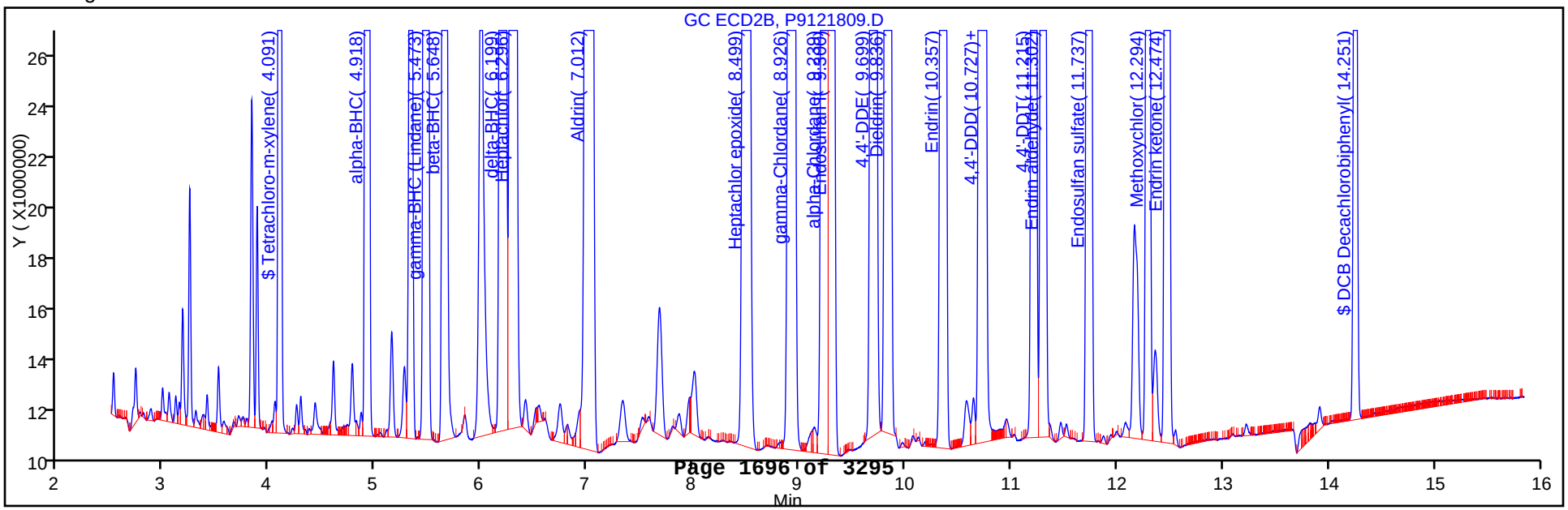
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121809.D

Injection Date:	18-Dec-2012 12:18:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	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



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-68554/5-A

Matrix: Water | Lab File ID: P9121809.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 12/13/2012 11:40

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

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 69152 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
53494-70-5	Endrin ketone	0.391		0.050	0.010	0.0078

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	41		30-135
877-09-8	Tetrachloro-m-xylene	79		25-140

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121809.D
Lims ID: LCS 240-68554/5-A Client ID:
Inject. Date: 18-Dec-2012 12:18:56 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015955-009
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 69152 Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05 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: XAWRK024

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	78460736	0.0303			
2	100	4.091	4.091	0.000	245220912	0.0317			
						RPD = 4.71			
5 alpha-BHC									
1	100	4.183	4.183	0.000	255102613	0.0746			
2	100	4.918	4.917	0.001	890673560	0.0825			
						RPD = 10.08			
20 gamma-BHC (Lindane)									
1	100	4.559	4.559	0.000	220457825	0.0757			
2	100	5.473	5.472	0.001	744333916	0.0829			
						RPD = 9.18			
7 beta-BHC									
1	100	4.689	4.691	-0.002	92279206	0.0738			
2	100	5.648	5.649	-0.001	298419283	0.0791			
						RPD = 6.93			
11 delta-BHC									
1	100	4.904	4.904	0.000	234169686	0.0765			
2	100	6.199	6.198	0.001	791398515	0.0839			
						RPD = 9.30			
22 Heptachlor									
1	100	5.185	5.186	-0.001	202355856	0.0762			
2	100	6.296	6.296	0.000	627839576	0.0789			
						RPD = 3.46			
4 Aldrin									
1	100	5.636	5.636	0.000	231136703	0.0725			
2	100	7.012	7.012	0.000	706851591	0.0799			
						RPD = 9.72			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
23 Heptachlor epoxide									
1	100	6.864	6.865	-0.001	198083209	0.0767			
2	100	8.499	8.499	0.000	602064004	0.0825			
						RPD = 7.27			
21 gamma-Chlordane									
1	100	7.169	7.170	-0.001	213767218	0.0761			
2	100	8.926	8.926	0.000	613591308	0.0822			
						RPD = 7.69			
6 alpha-Chlordane									
1	100	7.520	7.520	0.000	211589974	0.0726			
2	100	9.239	9.239	0.000	600656086	0.0794			
						RPD = 9.01			
14 Endosulfan I									
1	100	7.798	7.800	-0.002	160618182	0.0661			
2	100	9.300	9.298	0.002	431852332	0.0697			
						RPD = 5.35			
2 4,4'-DDE									
1	100	7.900	7.902	-0.002	225593477	0.0756			
2	100	9.699	9.698	0.001	617512015	0.0823			
						RPD = 8.55			
13 Dieldrin									
1	100	8.365	8.366	-0.001	193727083	0.0776			
2	100	9.836	9.835	0.001	566286671	0.0832			
						RPD = 6.99			
17 Endrin									
1	100	8.824	8.824	0.000	176191935	0.0778			
2	100	10.357	10.357	0.000	528070684	0.0835			
						RPD = 7.09			
1 4,4'-DDD									
1	100	9.187	9.185	0.002	150345633	0.0819			
2	100	10.727	10.728	-0.001	901416083	0.0835			
						RPD = 2.03			
15 Endosulfan II									
1	100	9.274	9.274	0.000	163749820	0.0694			
2	100	10.727	10.728	-0.001	901416083	0.0824			
						RPD = 17.13			
3 4,4'-DDT									
1	100	9.709	9.708	0.001	155794349	0.0781			
2	100	11.215	11.215	0.000	400525588	0.0813			
						RPD = 3.95			
18 Endrin aldehyde									
1	100	10.069	10.068	0.001	136760421	0.0760			
2	100	11.302	11.302	0.000	379858565	0.0803			
						RPD = 5.49			
27 Methoxychlor									
1	100	10.659	10.659	0.000	70498683	0.0754			
2	100	12.294	12.292	0.002	183452150	0.0737			
						RPD = 2.23			

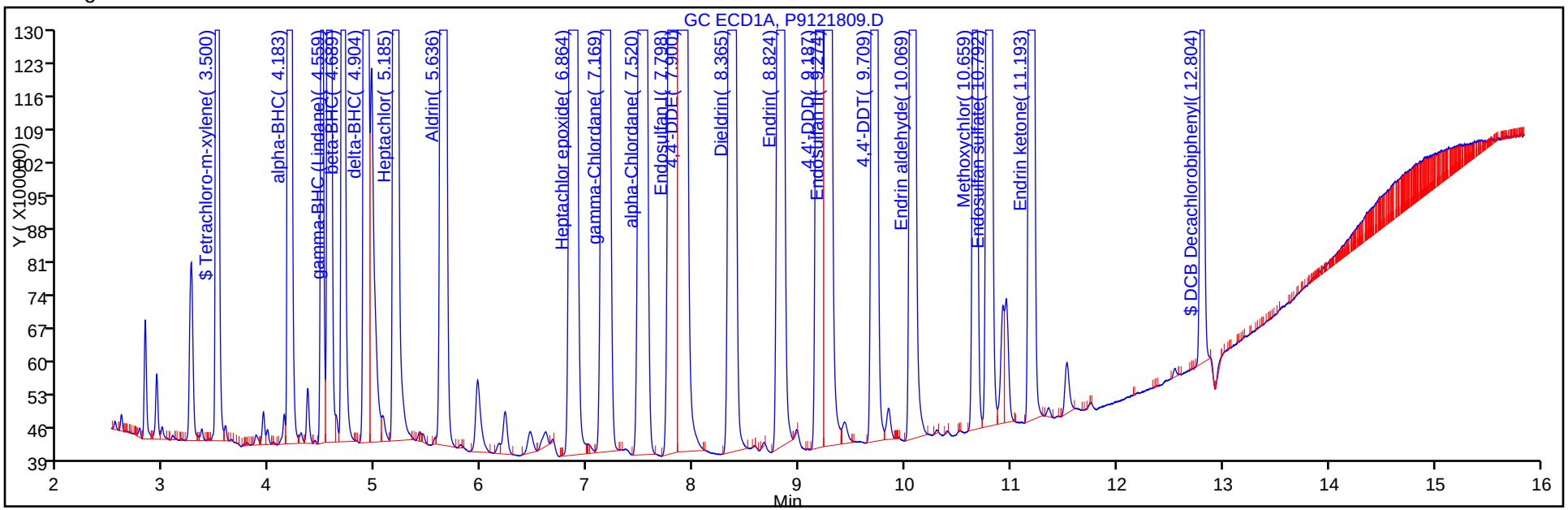
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
16 Endosulfan sulfate									
1	100	10.792	10.791	0.001	164249866	0.0757			
2	100	11.737	11.736	0.001	477888464	0.0844			
						RPD = 10.89			
19 Endrin ketone									
1	100	11.193	11.192	0.001	167002329	0.0744			
2	100	12.474	12.473	0.001	451077398	0.0782			
						RPD = 4.96			
$ 10 DCB Decachlorobiphenyl									
1	100	12.804	12.803	0.001	37392323	0.0157			
2	100	14.251	14.251	0.000	94843197	0.0165			
						RPD = 5.48			

Report Date: 19-Dec-2012 12:50:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

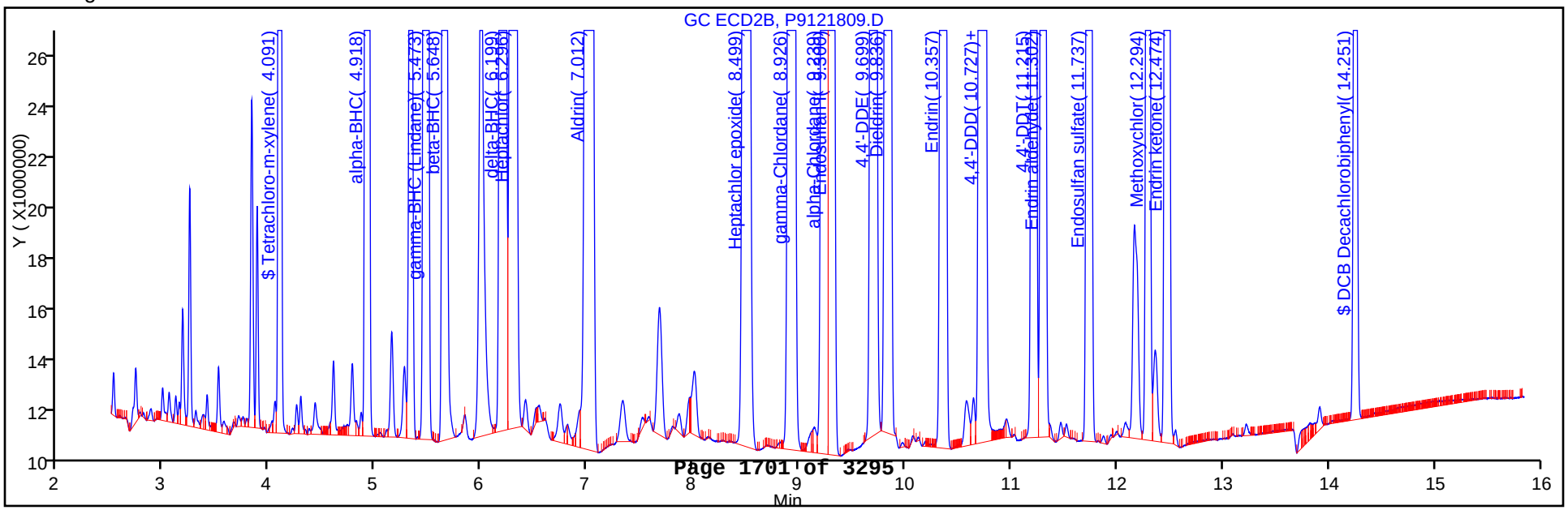
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121809.D		
Injection Date:	18-Dec-2012 12:18:56	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	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



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-70005/4-A

Matrix: Solid | Lab File ID: P9010613.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: 3520C | Date Extracted: 12/24/2012 10:33

Sample wt/vol: 250(mL) | Date Analyzed: 01/06/2013 21:16

Con. Extract Vol.: 3(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.: 71174 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-20-8	Endrin	0.00182	J D	0.050	0.00013	0.00013
58-89-9	gamma-BHC (Lindane)	0.00170	J D	0.050	0.00012	0.000077
76-44-8	Heptachlor	0.00170	J D	0.050	0.00012	0.000096
1024-57-3	Heptachlor epoxide	0.00203	J D	0.050	0.00012	0.000085
72-43-5	Methoxychlor	0.00323	J D	0.15	0.00038	0.00038

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		44-144
877-09-8	Tetrachloro-m-xylene	78		44-127

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010613.D
Lims ID: LCS 240-70005/4-A Client ID:
Inject. Date: 06-Jan-2013 21:16:35 Dil. Factor: 5.0000
Sample Type: LCS
Sample ID: 240-0016400-013
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 71174 Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:35 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 06:48:37

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	3.498	0.001	28332364	0.0104			
2	100	4.085	4.085	0.000	90625214	0.0103			
						RPD = 0.90			
20 gamma-BHC (Lindane)									
1	100	4.556	4.556	0.000	88058499	0.0283			
2	100	5.461	5.461	0.000	283752132	0.0272			
						RPD = 3.83			
22 Heptachlor									
1	100	5.181	5.181	0.000	77598857	0.0283			
2	100	6.283	6.282	0.001	255635057	0.0290			
						RPD = 2.63			
23 Heptachlor epoxide									
1	100	6.858	6.856	0.002	92155279	0.0339			
2	100	8.483	8.483	0.000	261668353	0.0314			
						RPD = 7.68			
17 Endrin									
1	100	8.816	8.818	-0.002	74303083	0.0304			
2	100	10.344	10.343	0.001	198760887	0.0282			
						RPD = 7.47			
27 Methoxychlor									
1	100	10.655	10.659	-0.004	47240315	0.0538			
2	100	12.281	12.283	-0.002	111402975	0.0482			
						RPD = 10.96			
$ 10 DCB Decachlorobiphenyl									
1	100	12.798	12.800	-0.002	24648732	0.009656			
2	100	14.238	14.240	-0.002	62782232	0.009242			
						RPD = 4.38			

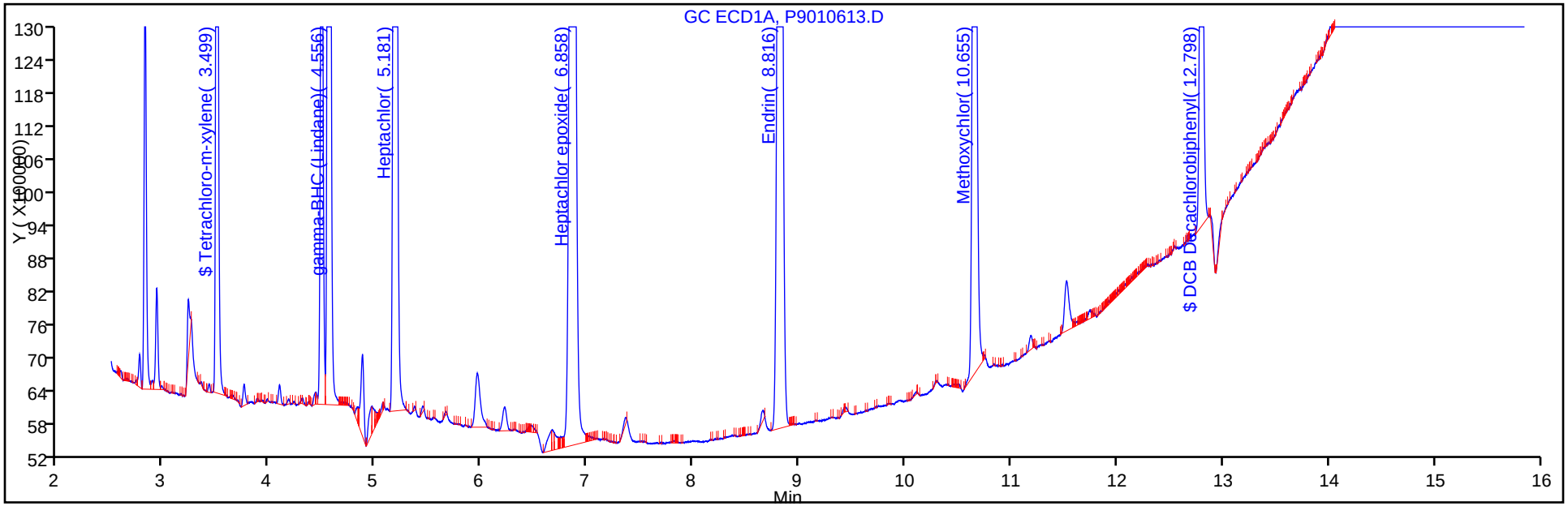
Report Date: 07-Jan-2013 07:09:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

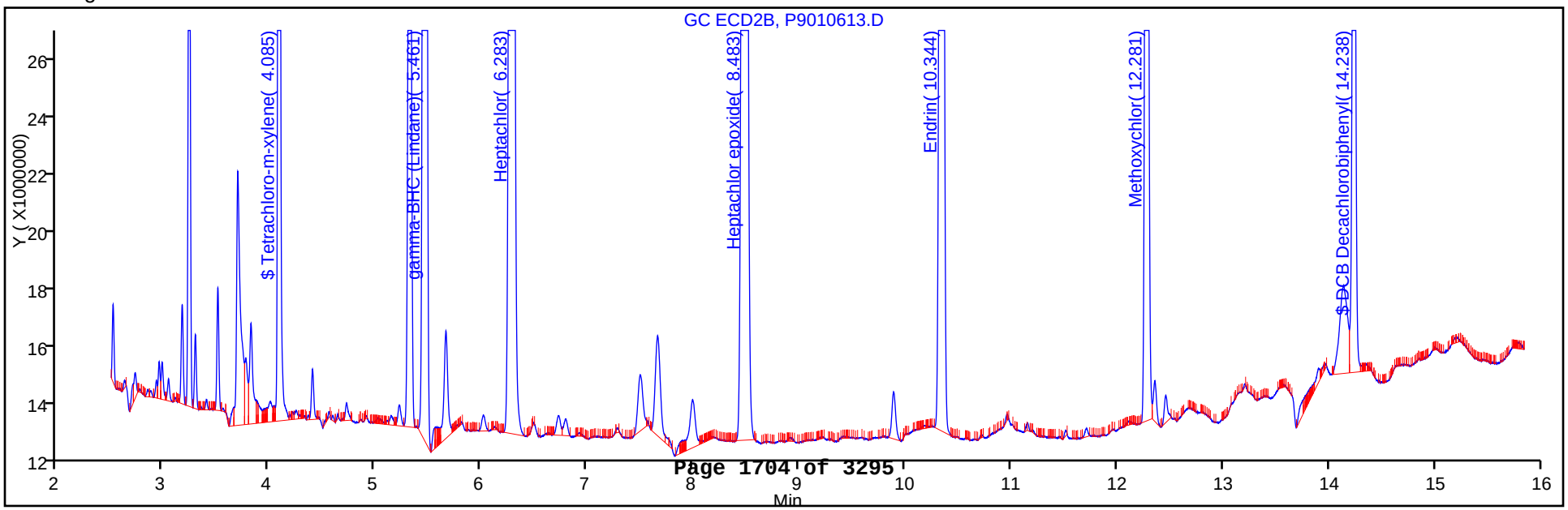
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010613.D

Injection Date:	06-Jan-2013 21:16:35	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-70005/4-A

Matrix: Solid Lab File ID: P9010613.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: 3520C Date Extracted: 12/24/2012 10:33

Sample wt/vol: 250(mL) Date Analyzed: 01/06/2013 21:16

Con. Extract Vol.: 3(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.: 71174 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	69		44-144
877-09-8	Tetrachloro-m-xylene	77		44-127

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010613.D
Lims ID: LCS 240-70005/4-A
Client ID:
Inject. Date: 06-Jan-2013 21:16:35
Dil. Factor: 5.0000
Sample Type: LCS
Sample ID: 240-0016400-013
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 13
Lims Batch ID: 71174
Lims Sample ID: 13
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:35
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: XAWRK004

First Level Reviewer: vandorenc
Date: 07-Jan-2013 06:48:37

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	3.498	0.001	28332364	0.0104			
2	100	4.085	4.085	0.000	90625214	0.0103			
						RPD = 0.90			
20 gamma-BHC (Lindane)									
1	100	4.556	4.556	0.000	88058499	0.0283			
2	100	5.461	5.461	0.000	283752132	0.0272			
						RPD = 3.83			
22 Heptachlor									
1	100	5.181	5.181	0.000	77598857	0.0283			
2	100	6.283	6.282	0.001	255635057	0.0290			
						RPD = 2.63			
23 Heptachlor epoxide									
1	100	6.858	6.856	0.002	92155279	0.0339			
2	100	8.483	8.483	0.000	261668353	0.0314			
						RPD = 7.68			
17 Endrin									
1	100	8.816	8.818	-0.002	74303083	0.0304			
2	100	10.344	10.343	0.001	198760887	0.0282			
						RPD = 7.47			
27 Methoxychlor									
1	100	10.655	10.659	-0.004	47240315	0.0538			
2	100	12.281	12.283	-0.002	111402975	0.0482			
						RPD = 10.96			
$ 10 DCB Decachlorobiphenyl									
1	100	12.798	12.800	-0.002	24648732	0.009656			
2	100	14.238	14.240	-0.002	62782232	0.009242			
						RPD = 4.38			

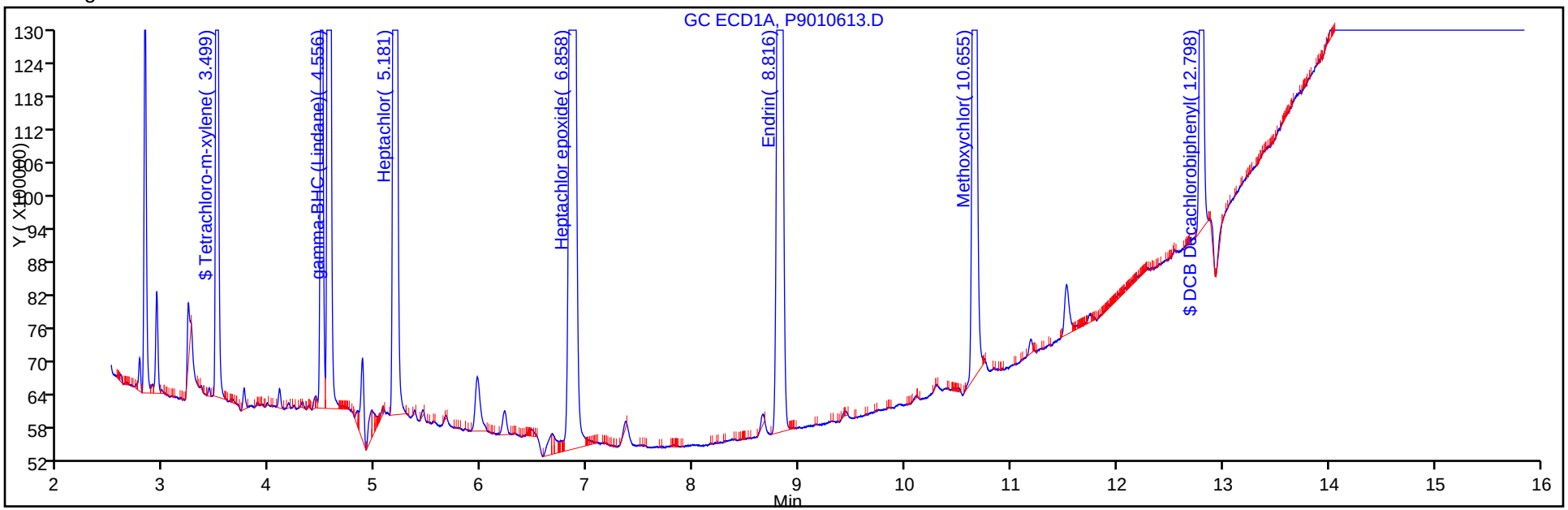
Report Date: 07-Jan-2013 07:09:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

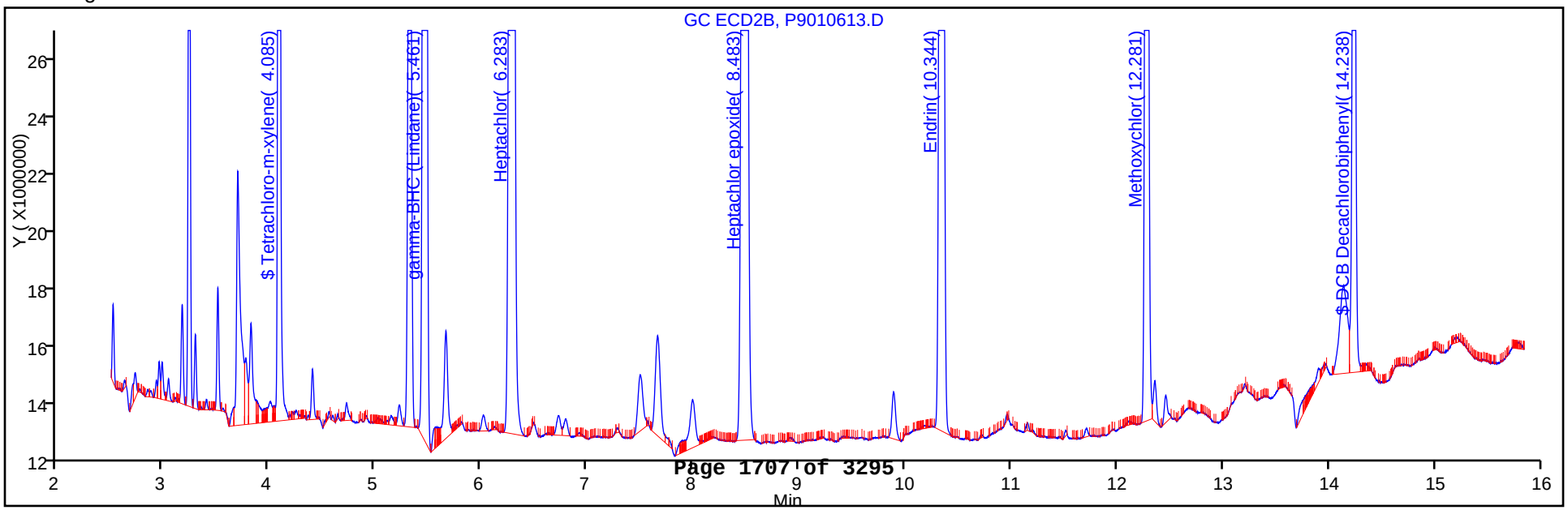
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010613.D

Injection Date:	06-Jan-2013 21:16:35	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69152/8

Matrix: Water | Lab File ID: P9121808.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/18/2012 11:51

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.: 69152 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00581		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00545		0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00506		0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00539		0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00519		0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00565		0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00589		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00528		0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00577		0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00609		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00597		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00585		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00614		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00595		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)	0.00546		0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00566		0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00599		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00592		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00558	J	0.010	0.0030	0.0032

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121808.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 11:51:26 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015955-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 69152 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05 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: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:36:35

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	4.183	4.183	0.000	17757959	0.005190			
2	100	4.916	4.917	-0.001	57370491	0.005312			
						RPD = 2.33			
20 gamma-BHC (Lindane)									
1	100	4.560	4.559	0.001	15912812	0.005461			
2	100	5.471	5.472	-0.001	52999563	0.005906			
						RPD = 7.82			
7 beta-BHC									
1	100	4.691	4.691	0.000	7368182	0.005893			
2	100	5.648	5.649	-0.001	25553767	0.006774			
						RPD = 13.90			
11 delta-BHC									
1	100	4.905	4.904	0.001	16176106	0.005283			
2	100	6.197	6.198	-0.001	53516394	0.005677			
						RPD = 7.18			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.072						
1	2		5.927						
1	3		7.169						
1	4		7.517						
2	100		6.001						
2	2		7.502						
2	3		8.925						
2	4		9.240						
22 Heptachlor									
1	100	5.186	5.186	0.000	15894415	0.005987			
2	100	6.295	6.296	-0.001	53257843	0.006693			
						RPD = 11.15			
4 Aldrin									
1	100	5.637	5.636	0.001	17196249	0.005391			
2	100	7.011	7.012	-0.001	51246938	0.005790			
						RPD = 7.14			
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100	6.865	6.865	0.000	15266573	0.005915			
2	100	8.498	8.499	-0.001	47751040	0.006547			
						RPD = 10.14			
21 gamma-Chlordane									
1	100	7.171	7.170	0.001	15908732	0.005661			
2	100	8.926	8.926	0.000	47544425	0.006366			
						RPD = 11.72			
6 alpha-Chlordane									
1	100	7.521	7.520	0.001	16462140	0.005648			
2	100	9.238	9.239	-0.001	48436621	0.006406			
						RPD = 12.58			
14 Endosulfan I									
1	100	7.800	7.800	0.000	14792108	0.006087			
2	100	9.300	9.298	0.002	42405263	0.006846			
						RPD = 11.75			
2 4,4'-DDE									
1	100	7.901	7.902	-0.001	16257067	0.005447			
2	100	9.699	9.698	0.001	44756273	0.005968			
						RPD = 9.13			
13 Dieldrin									
1	100	8.365	8.366	-0.001	14407923	0.005769			
2	100	9.835	9.835	0.000	43413115	0.006377			
						RPD = 10.02			
17 Endrin									
1	100	8.825	8.824	0.001	13924323	0.006145			
2	100	10.357	10.357	0.000	40995849	0.006480			
						RPD = 5.31			

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	9.187	9.185	0.002	10662846	0.005806			
2	100	10.729	10.728	0.001	68422499	0.006341			
						RPD = 8.82			
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
15 Endosulfan II									
1	100	9.274	9.274	0.000	14078070	0.005965			
2	100	10.729	10.728	0.001	68422499	0.006254			
						RPD = 4.72			
30 Toxaphene									1
1	100		9.505						
1	2		9.950						
1	3		10.016						
1	4		10.601						
1	5		11.167						
2	100		10.893						
2	2		11.441						
2	3		11.843						
2	4		12.071						
2	5		12.458						
3 4,4'-DDT									
1	100	9.710	9.708	0.002	10092294	0.005060			
2	100	11.215	11.215	0.000	24889073	0.005049			
						RPD = 0.21			
18 Endrin aldehyde									
1	100	10.070	10.068	0.002	10701425	0.005946			
2	100	11.303	11.302	0.001	30560494	0.006459			
						RPD = 8.26			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.660	10.659	0.001	5218452	0.005579			
2	100	12.293	12.292	0.001	13156067	0.005286			
						RPD = 5.39			
16 Endosulfan sulfate									
1	100	10.791	10.791	0.000	12696546	0.005850			
2	100	11.735	11.736	-0.001	34579961	0.006106			
						RPD = 4.30			
19 Endrin ketone									
1	100	11.191	11.192	-0.001	13298447	0.005926			
2	100	12.474	12.473	0.001	33975671	0.005890			
						RPD = 0.60			

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

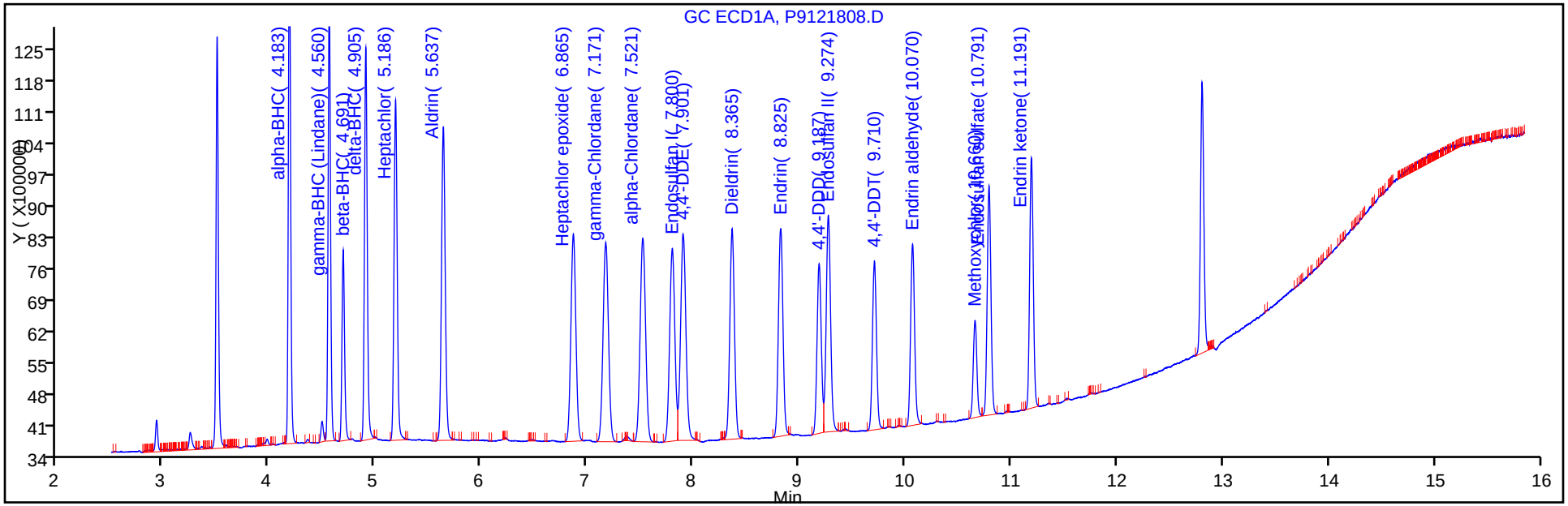
Report Date: 19-Dec-2012 12:50:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

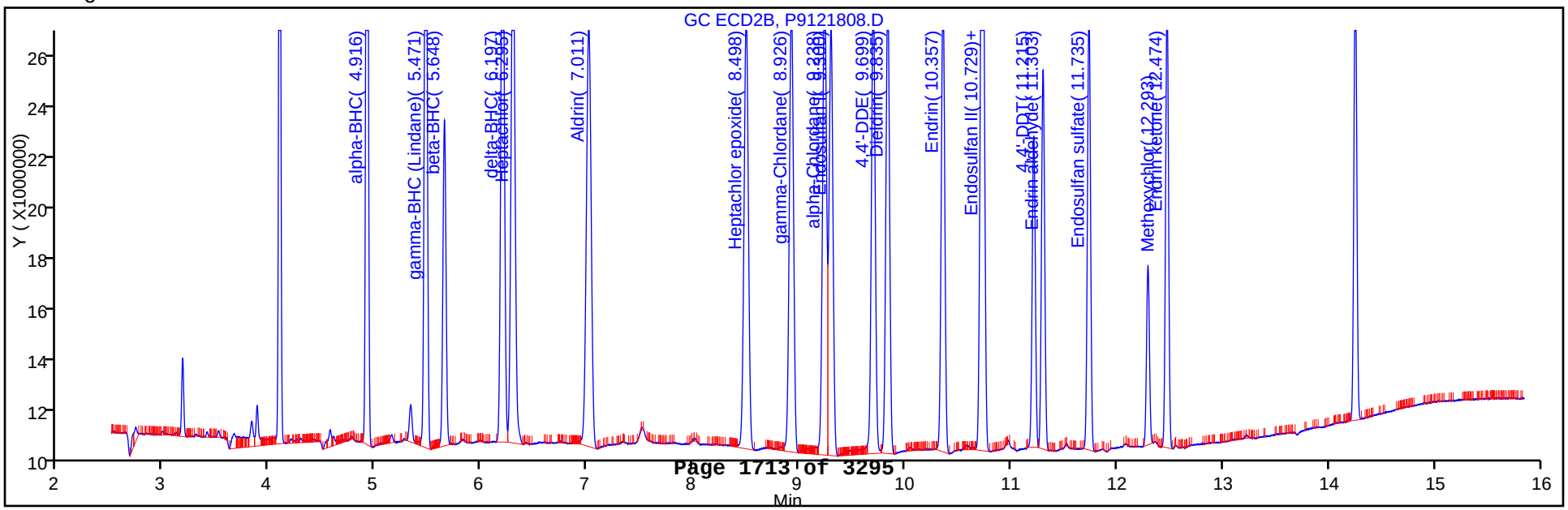
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121808.D

Injection Date:	18-Dec-2012 11:51:26	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	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.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69152/8

Matrix: Water Lab File ID: P9121808.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/18/2012 11:51

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.: 69152 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00634*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00597*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00505*		*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00579*		*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00531*		*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00641*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00677*	^	*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00568*		*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00638*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00685*	^	*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00625*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00611*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00648*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00646*		*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)*	*0.00591*		*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00637*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00669*	^	*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00655*	^	*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00529*	*J*	*0.010*	0.0030	*0.0032*

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121808.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 11:51:26 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015955-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 69152 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:05 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: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:36:35

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	4.183	4.183	0.000	17757959	0.005190			
2	100	4.916	4.917	-0.001	57370491	0.005312			
						RPD = 2.33			
20 gamma-BHC (Lindane)									
1	100	4.560	4.559	0.001	15912812	0.005461			
2	100	5.471	5.472	-0.001	52999563	0.005906			
						RPD = 7.82			
7 beta-BHC									
1	100	4.691	4.691	0.000	7368182	0.005893			
2	100	5.648	5.649	-0.001	25553767	0.006774			
						RPD = 13.90			
11 delta-BHC									
1	100	4.905	4.904	0.001	16176106	0.005283			
2	100	6.197	6.198	-0.001	53516394	0.005677			
						RPD = 7.18			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.072						
1	2		5.927						
1	3		7.169						
1	4		7.517						
2	100		6.001						
2	2		7.502						
2	3		8.925						
2	4		9.240						
22 Heptachlor									
1	100	5.186	5.186	0.000	15894415	0.005987			
2	100	6.295	6.296	-0.001	53257843	0.006693			
						RPD = 11.15			
4 Aldrin									
1	100	5.637	5.636	0.001	17196249	0.005391			
2	100	7.011	7.012	-0.001	51246938	0.005790			
						RPD = 7.14			
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100	6.865	6.865	0.000	15266573	0.005915			
2	100	8.498	8.499	-0.001	47751040	0.006547			
						RPD = 10.14			
21 gamma-Chlordane									
1	100	7.171	7.170	0.001	15908732	0.005661			
2	100	8.926	8.926	0.000	47544425	0.006366			
						RPD = 11.72			
6 alpha-Chlordane									
1	100	7.521	7.520	0.001	16462140	0.005648			
2	100	9.238	9.239	-0.001	48436621	0.006406			
						RPD = 12.58			
14 Endosulfan I									
1	100	7.800	7.800	0.000	14792108	0.006087			
2	100	9.300	9.298	0.002	42405263	0.006846			
						RPD = 11.75			
2 4,4'-DDE									
1	100	7.901	7.902	-0.001	16257067	0.005447			
2	100	9.699	9.698	0.001	44756273	0.005968			
						RPD = 9.13			
13 Dieldrin									
1	100	8.365	8.366	-0.001	14407923	0.005769			
2	100	9.835	9.835	0.000	43413115	0.006377			
						RPD = 10.02			
17 Endrin									
1	100	8.825	8.824	0.001	13924323	0.006145			
2	100	10.357	10.357	0.000	40995849	0.006480			
						RPD = 5.31			

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	9.187	9.185	0.002	10662846	0.005806			
2	100	10.729	10.728	0.001	68422499	0.006341			
						RPD = 8.82			
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
15 Endosulfan II									
1	100	9.274	9.274	0.000	14078070	0.005965			
2	100	10.729	10.728	0.001	68422499	0.006254			
						RPD = 4.72			
30 Toxaphene									1
1	100		9.505						
1	2		9.950						
1	3		10.016						
1	4		10.601						
1	5		11.167						
2	100		10.893						
2	2		11.441						
2	3		11.843						
2	4		12.071						
2	5		12.458						
3 4,4'-DDT									
1	100	9.710	9.708	0.002	10092294	0.005060			
2	100	11.215	11.215	0.000	24889073	0.005049			
						RPD = 0.21			
18 Endrin aldehyde									
1	100	10.070	10.068	0.002	10701425	0.005946			
2	100	11.303	11.302	0.001	30560494	0.006459			
						RPD = 8.26			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.660	10.659	0.001	5218452	0.005579			
2	100	12.293	12.292	0.001	13156067	0.005286			
						RPD = 5.39			
16 Endosulfan sulfate									
1	100	10.791	10.791	0.000	12696546	0.005850			
2	100	11.735	11.736	-0.001	34579961	0.006106			
						RPD = 4.30			
19 Endrin ketone									
1	100	11.191	11.192	-0.001	13298447	0.005926			
2	100	12.474	12.473	0.001	33975671	0.005890			
						RPD = 0.60			

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

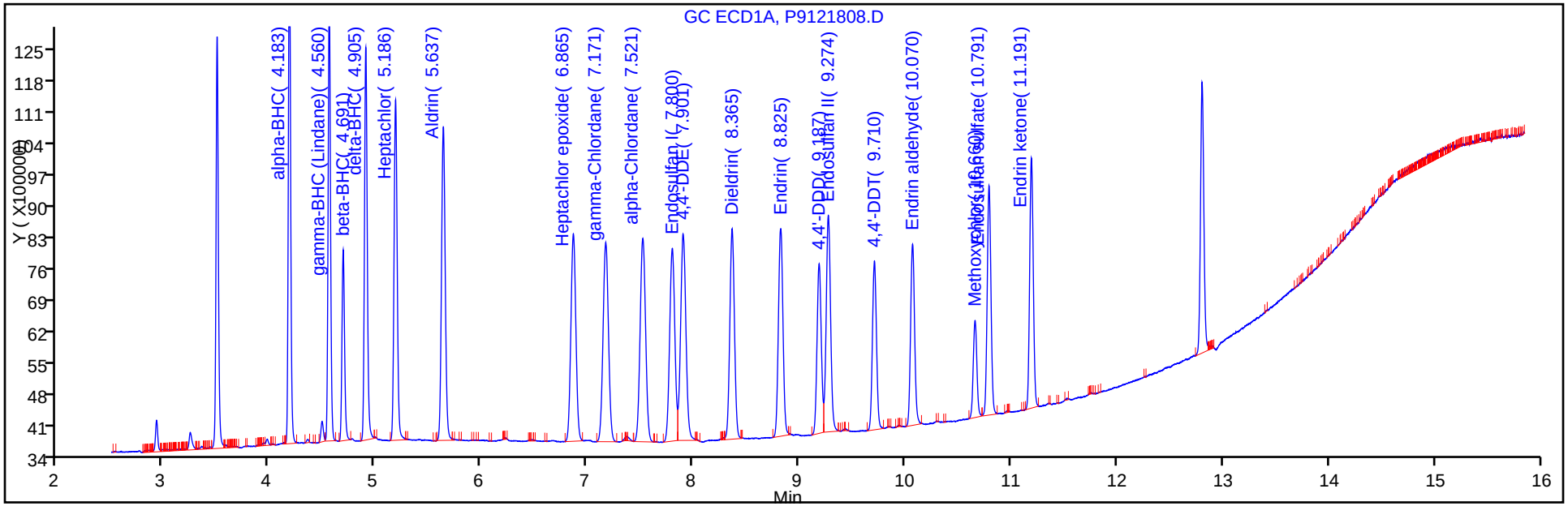
Report Date: 19-Dec-2012 12:50:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

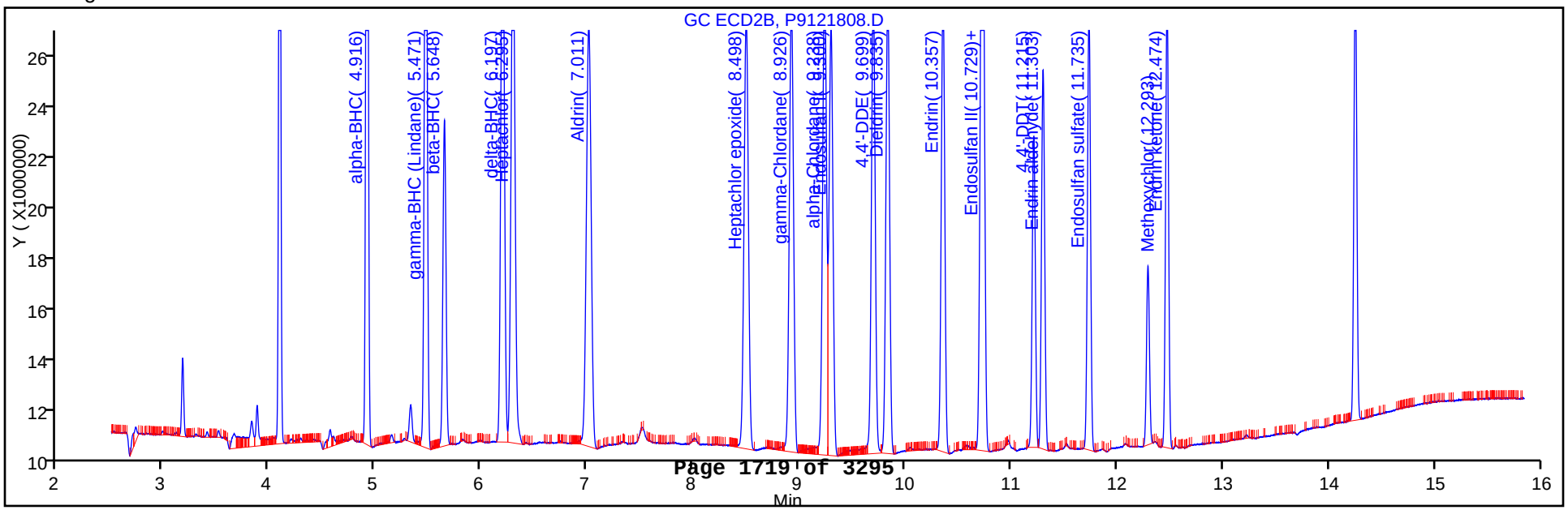
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121808.D

Injection Date:	18-Dec-2012 11:51:26	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	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.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69152/22

Matrix: Water | Lab File ID: P9121822.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/18/2012 18:17

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.: 69152 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.00506		0.0050	0.0010	0.00096
72-55-9	4,4'-DDE	0.00492	J	0.0050	0.0010	0.00097
50-29-3	4,4'-DDT	0.00437	J	0.0050	0.0030	0.0016
309-00-2	Aldrin	0.00481	J	0.0050	0.0010	0.00082
319-84-6	alpha-BHC	0.00463	J	0.0050	0.0010	0.00070
5103-71-9	alpha-Chlordane	0.00491	J	0.0050	0.0010	0.0014
319-85-7	beta-BHC	0.00513		0.0050	0.0010	0.00084
319-86-8	delta-BHC	0.00465	J	0.0050	0.0010	0.00087
60-57-1	Dieldrin	0.00499	J	0.0050	0.0010	0.00075
959-98-8	Endosulfan I	0.00533		0.0050	0.0010	0.0013
33213-65-9	Endosulfan II	0.00514		0.0050	0.0010	0.0012
1031-07-8	Endosulfan sulfate	0.00503		0.0050	0.0010	0.0011
72-20-8	Endrin	0.00530		0.0050	0.0010	0.0011
7421-93-4	Endrin aldehyde	0.00519		0.0050	0.0010	0.0011
53494-70-5	Endrin ketone	0.00512		0.0050	0.0010	0.00078
58-89-9	gamma-BHC (Lindane)	0.00480	J	0.0050	0.0010	0.00064
5103-74-2	gamma-Chlordane	0.00492	J	0.0050	0.0010	0.0012
76-44-8	Heptachlor	0.00526		0.0050	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00510		0.0050	0.0010	0.00071
72-43-5	Methoxychlor	0.00467	J	0.010	0.0030	0.0032

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121822.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 18:17:15 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015955-022
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 69152 Lims Sample ID: 22
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:20 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: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:49:23

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		4.091						
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	4.183	4.184	-0.001	15851237	0.004633			
2	100	4.917	4.917	0.000	49399462	0.004574			
						RPD = 1.28			
20 gamma-BHC (Lindane)									
1	100	4.559	4.560	-0.001	13975471	0.004796			
2	100	5.473	5.473	0.000	44790000	0.004991			
						RPD = 3.98			
7 beta-BHC									
1	100	4.690	4.691	-0.001	6416526	0.005132			
2	100	5.649	5.649	0.000	21293559	0.005645			
						RPD = 9.51			
11 delta-BHC									
1	100	4.904	4.905	-0.001	14230335	0.004648			
2	100	6.199	6.199	0.000	45667205	0.004844			
						RPD = 4.13			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.072						
1	2		5.928						
1	3		7.171						
1	4		7.516						
2	100		6.002						
2	2		7.504						
2	3		8.926						
2	4		9.239						
22 Heptachlor									
1	100	5.185	5.186	-0.001	13957203	0.005257			
2	100	6.297	6.298	-0.001	45031305	0.005659			
						RPD = 7.37			
4 Aldrin									
1	100	5.638	5.636	0.002	15351526	0.004813			
2	100	7.014	7.013	0.001	43864988	0.004956			
						RPD = 2.94			
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100	6.866	6.866	0.000	13167220	0.005102			
2	100	8.501	8.500	0.001	40114608	0.005500			
						RPD = 7.51			
21 gamma-Chlordane									
1	100	7.171	7.171	0.000	13814967	0.004916			
2	100	8.927	8.927	0.000	39883962	0.005340			
						RPD = 8.27			
6 alpha-Chlordane									
1	100	7.524	7.521	0.003	14323444	0.004914			
2	100	9.240	9.240	0.000	40832632	0.005401			
						RPD = 9.43			
14 Endosulfan I									
1	100	7.799	7.800	-0.001	12960950	0.005333			
2	100	9.299	9.301	-0.002	36032999	0.005818			
						RPD = 8.69			
2 4,4'-DDE									
1	100	7.904	7.903	0.001	14694804	0.004923			
2	100	9.699	9.700	-0.001	38992182	0.005199			
						RPD = 5.45			
13 Dieldrin									
1	100	8.367	8.366	0.001	12468270	0.004992			
2	100	9.837	9.836	0.001	36544820	0.005368			
						RPD = 7.26			
17 Endrin									
1	100	8.824	8.825	-0.001	12015299	0.005302			
2	100	10.359	10.357	0.002	34346899	0.005429			
						RPD = 2.36			

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	9.188	0.000	9287675	0.005057			
2	100	10.729	10.728	0.001	57147203	0.005296			
						RPD = 4.62			
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
15 Endosulfan II									
1	100	9.274	9.275	-0.001	12123976	0.005137			
2	100	10.729	10.728	0.001	57147203	0.005223			
						RPD = 1.65			
30 Toxaphene									
1	100		9.503						
1	2		9.951						
1	3		10.019						
1	4		10.603						
1	5		11.168						
2	100		10.893						
2	2		11.440						
2	3		11.843						
2	4		12.071						
2	5		12.458						
3 4,4'-DDT									
1	100	9.709	9.709	0.000	8711251	0.004368			
2	100	11.216	11.215	0.001	20695040	0.004199			
						RPD = 3.94			
18 Endrin aldehyde									
1	100	10.069	10.071	-0.002	9334554	0.005187			
2	100	11.304	11.302	0.002	25610697	0.005413			
						RPD = 4.26			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.659	10.660	-0.001	4363823	0.004666			
2	100	12.295	12.293	0.002	10911176	0.004384			
						RPD = 6.22			
16 Endosulfan sulfate									
1	100	10.792	10.793	-0.001	10907588	0.005025			
2	100	11.738	11.736	0.002	28613345	0.005053			
						RPD = 0.54			
19 Endrin ketone									
1	100	11.194	11.193	0.001	11497499	0.005123			
2	100	12.474	12.473	0.001	27490216	0.004766			
						RPD = 7.23			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.805						
2	100		14.252						

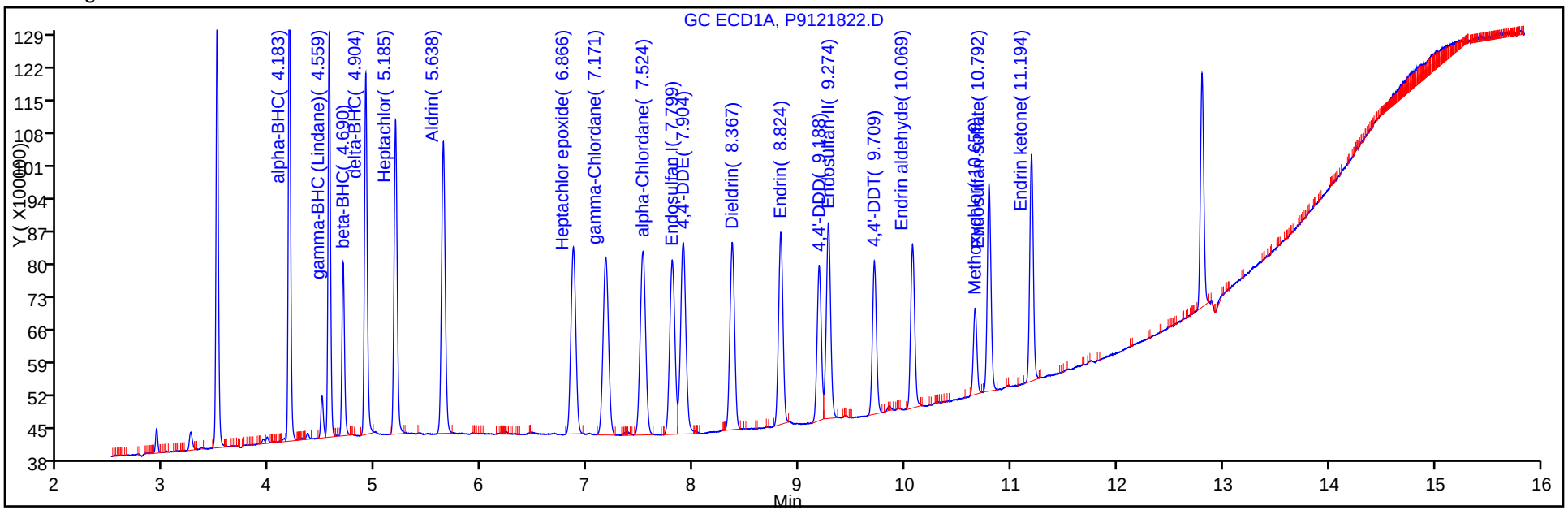
Report Date: 19-Dec-2012 12:50:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

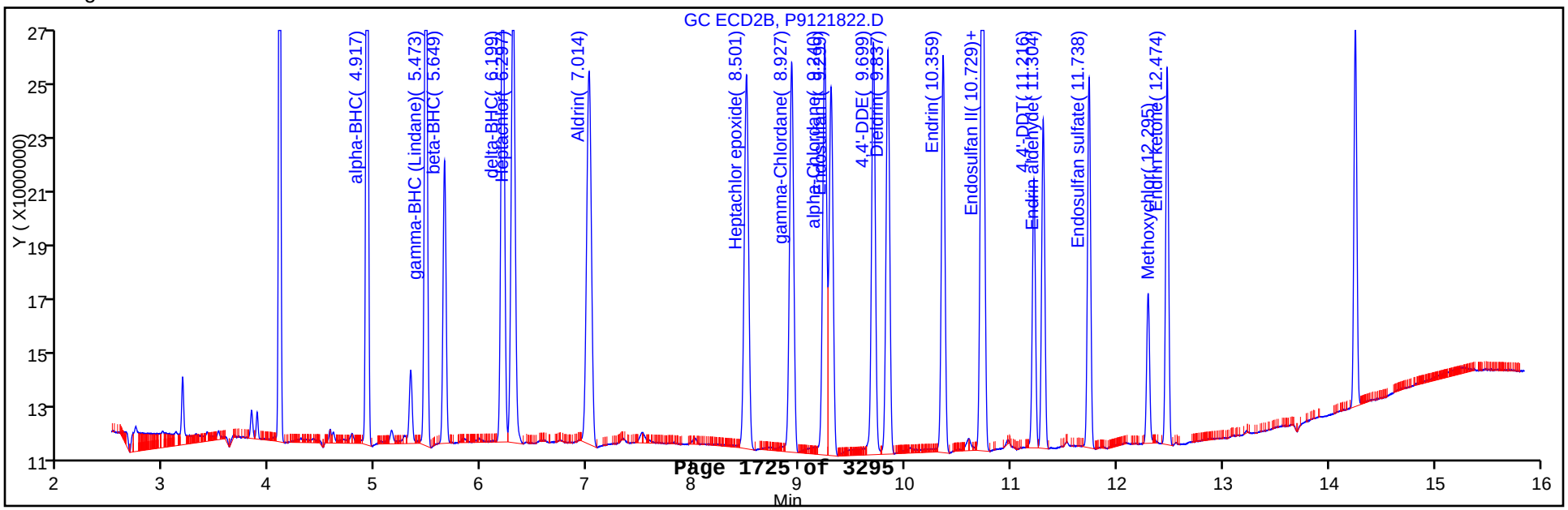
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121822.D

Injection Date:	18-Dec-2012 18:17:15	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	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



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69152/22

Matrix: Water | Lab File ID: P9121822.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/18/2012 18:17

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.: 69152 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	*4,4'-DDD*	*0.00530*		*0.0050*	0.0010	*0.00096*
72-55-9	*4,4'-DDE*	*0.00520*		*0.0050*	0.0010	*0.00097*
50-29-3	*4,4'-DDT*	*0.00420*	*J*	*0.0050*	0.0030	*0.0016*
309-00-2	*Aldrin*	*0.00496*	*J*	*0.0050*	0.0010	*0.00082*
319-84-6	*alpha-BHC*	*0.00457*	*J*	*0.0050*	0.0010	*0.00070*
5103-71-9	*alpha-Chlordane*	*0.00540*		*0.0050*	0.0010	*0.0014*
319-85-7	*beta-BHC*	*0.00564*		*0.0050*	0.0010	*0.00084*
319-86-8	*delta-BHC*	*0.00484*	*J*	*0.0050*	0.0010	*0.00087*
60-57-1	*Dieldrin*	*0.00537*		*0.0050*	0.0010	*0.00075*
959-98-8	*Endosulfan I*	*0.00582*		*0.0050*	0.0010	*0.0013*
33213-65-9	*Endosulfan II*	*0.00522*		*0.0050*	0.0010	*0.0012*
1031-07-8	*Endosulfan sulfate*	*0.00505*		*0.0050*	0.0010	*0.0011*
72-20-8	*Endrin*	*0.00543*		*0.0050*	0.0010	*0.0011*
7421-93-4	*Endrin aldehyde*	*0.00541*		*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)*	*0.00499*	*J*	*0.0050*	0.0010	*0.00064*
5103-74-2	*gamma-Chlordane*	*0.00534*		*0.0050*	0.0010	*0.0012*
76-44-8	*Heptachlor*	*0.00566*		*0.0050*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00550*		*0.0050*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00438*	*J*	*0.010*	0.0030	*0.0032*

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121822.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 18:17:15 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015955-022
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 22
Lims Batch ID: 69152 Lims Sample ID: 22
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\PEST9.m
Last Update: 19-Dec-2012 12:50:20 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: XAWRK024

First Level Reviewer: vandorenc Date: 19-Dec-2012 12:49:23

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		4.091						
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	4.183	4.184	-0.001	15851237	0.004633			
2	100	4.917	4.917	0.000	49399462	0.004574			
						RPD = 1.28			
20 gamma-BHC (Lindane)									
1	100	4.559	4.560	-0.001	13975471	0.004796			
2	100	5.473	5.473	0.000	44790000	0.004991			
						RPD = 3.98			
7 beta-BHC									
1	100	4.690	4.691	-0.001	6416526	0.005132			
2	100	5.649	5.649	0.000	21293559	0.005645			
						RPD = 9.51			
11 delta-BHC									
1	100	4.904	4.905	-0.001	14230335	0.004648			
2	100	6.199	6.199	0.000	45667205	0.004844			
						RPD = 4.13			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.072						
1	2		5.928						
1	3		7.171						
1	4		7.516						
2	100		6.002						
2	2		7.504						
2	3		8.926						
2	4		9.239						
22 Heptachlor									
1	100	5.185	5.186	-0.001	13957203	0.005257			
2	100	6.297	6.298	-0.001	45031305	0.005659			
						RPD = 7.37			
4 Aldrin									
1	100	5.638	5.636	0.002	15351526	0.004813			
2	100	7.014	7.013	0.001	43864988	0.004956			
						RPD = 2.94			
25 Isodrin									
1	100		6.304						
2	100		8.124						
23 Heptachlor epoxide									
1	100	6.866	6.866	0.000	13167220	0.005102			
2	100	8.501	8.500	0.001	40114608	0.005500			
						RPD = 7.51			
21 gamma-Chlordane									
1	100	7.171	7.171	0.000	13814967	0.004916			
2	100	8.927	8.927	0.000	39883962	0.005340			
						RPD = 8.27			
6 alpha-Chlordane									
1	100	7.524	7.521	0.003	14323444	0.004914			
2	100	9.240	9.240	0.000	40832632	0.005401			
						RPD = 9.43			
14 Endosulfan I									
1	100	7.799	7.800	-0.001	12960950	0.005333			
2	100	9.299	9.301	-0.002	36032999	0.005818			
						RPD = 8.69			
2 4,4'-DDE									
1	100	7.904	7.903	0.001	14694804	0.004923			
2	100	9.699	9.700	-0.001	38992182	0.005199			
						RPD = 5.45			
13 Dieldrin									
1	100	8.367	8.366	0.001	12468270	0.004992			
2	100	9.837	9.836	0.001	36544820	0.005368			
						RPD = 7.26			
17 Endrin									
1	100	8.824	8.825	-0.001	12015299	0.005302			
2	100	10.359	10.357	0.002	34346899	0.005429			
						RPD = 2.36			

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	9.188	0.000	9287675	0.005057			
2	100	10.729	10.728	0.001	57147203	0.005296			
						RPD = 4.62			
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
15 Endosulfan II									
1	100	9.274	9.275	-0.001	12123976	0.005137			
2	100	10.729	10.728	0.001	57147203	0.005223			
						RPD = 1.65			
30 Toxaphene									
1	100		9.503						
1	2		9.951						
1	3		10.019						
1	4		10.603						
1	5		11.168						
2	100		10.893						
2	2		11.440						
2	3		11.843						
2	4		12.071						
2	5		12.458						
3 4,4'-DDT									
1	100	9.709	9.709	0.000	8711251	0.004368			
2	100	11.216	11.215	0.001	20695040	0.004199			
						RPD = 3.94			
18 Endrin aldehyde									
1	100	10.069	10.071	-0.002	9334554	0.005187			
2	100	11.304	11.302	0.002	25610697	0.005413			
						RPD = 4.26			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.659	10.660	-0.001	4363823	0.004666			
2	100	12.295	12.293	0.002	10911176	0.004384			
						RPD = 6.22			
16 Endosulfan sulfate									
1	100	10.792	10.793	-0.001	10907588	0.005025			
2	100	11.738	11.736	0.002	28613345	0.005053			
						RPD = 0.54			
19 Endrin ketone									
1	100	11.194	11.193	0.001	11497499	0.005123			
2	100	12.474	12.473	0.001	27490216	0.004766			
						RPD = 7.23			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.805						
2	100		14.252						

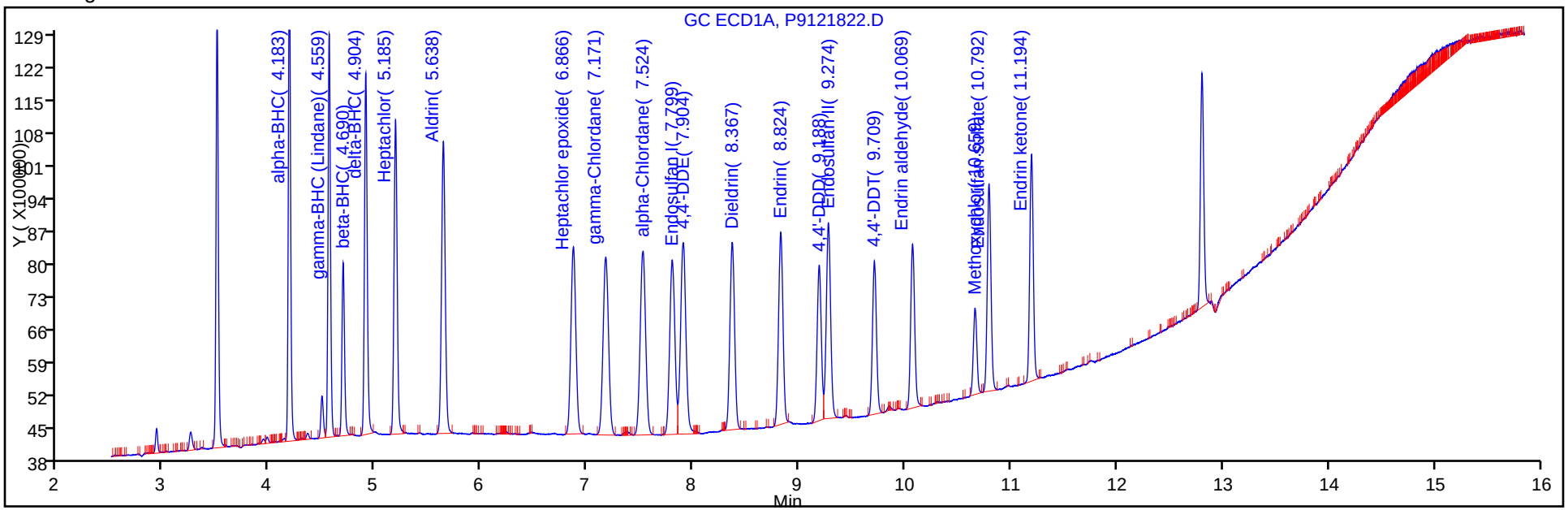
Report Date: 19-Dec-2012 12:50:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

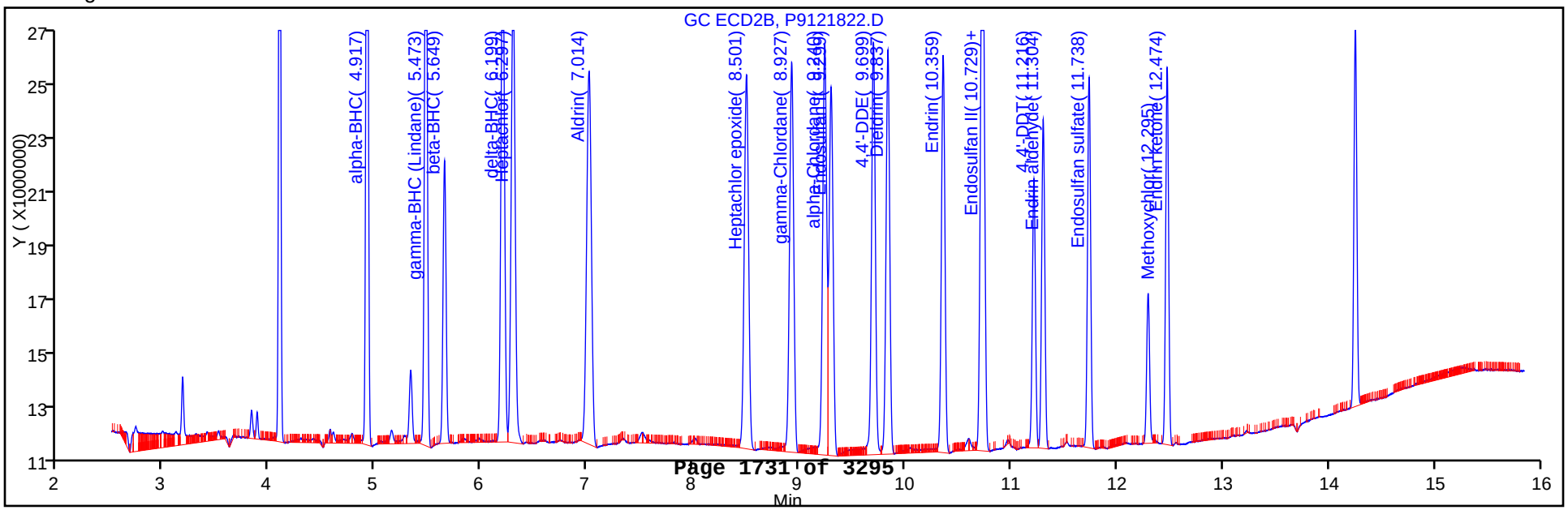
Data File: \\Ncchrom\ChromData\A2HP9\20121218-15955.b\P9121822.D

Injection Date:	18-Dec-2012 18:17:15	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	69152	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



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-71174/8

Matrix: Solid Lab File ID: P9010608.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 01/06/2013 19:07

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.: 71174 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-20-8	Endrin	0.00565		0.0010	0.0010	0.0011
58-89-9	gamma-BHC (Lindane)	0.00497		0.0010	0.0010	0.00064
76-44-8	Heptachlor	0.00557		0.0010	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00550		0.0010	0.0010	0.00071
72-43-5	Methoxychlor	0.00362		0.0030	0.0030	0.0032

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010608.D
Lims ID: MRL Client ID:
Inject. Date: 06-Jan-2013 19:07:59 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016400-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 71174 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:35 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 06:35:08

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						
2	100		4.085						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.693						
12 Diallate									1
1	100		4.056						
1	2		4.220						
2	100		4.655						
2	2		4.801						
5 alpha-BHC									
1	100	4.180	4.181	-0.001	17622495	0.004626			
2	100	4.907	4.908	-0.001	56477349	0.004286			
						RPD = 7.62			
20 gamma-BHC (Lindane)									
1	100	4.556	4.556	0.000	15482420	0.004969			
2	100	5.461	5.461	0.000	50640530	0.004855			
						RPD = 2.33			
7 beta-BHC									
1	100	4.687	4.688	-0.001	7072493	0.005213			
2	100	5.637	5.637	0.000	23379679	0.005359			
						RPD = 2.77			
11 delta-BHC									
1	100	4.902	4.901	0.001	14037350	0.004158			
2	100	6.185	6.186	-0.001	45345007	0.004177			
						RPD = 0.46			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.065						
1	2		5.918						
1	3		7.159						
1	4		7.504						
2	100		5.987						
2	2		7.482						
2	3		8.909						
2	4		9.223						
22 Heptachlor									
1	100	5.182	5.181	0.001	15285713	0.005571			
2	100	6.282	6.282	0.000	52092466	0.005917			
						RPD = 6.02			
4 Aldrin									
1	100	5.632	5.631	0.001	17074228	0.004802			
2	100	6.996	6.995	0.001	51246351	0.004820			
						RPD = 0.37			
25 Isodrin									
1	100		6.217						
2	100		7.994						
23 Heptachlor epoxide									
1	100	6.858	6.856	0.002	14965672	0.005500			
2	100	8.483	8.483	0.000	46601157	0.005585			
						RPD = 1.55			
21 gamma-Chlordane									
1	100	7.163	7.163	0.000	15416910	0.005033			
2	100	8.912	8.911	0.001	46245010	0.005178			
						RPD = 2.84			
6 alpha-Chlordane									
1	100	7.514	7.514	0.000	16145055	0.005113			
2	100	9.224	9.224	0.000	45857549	0.005182			
						RPD = 1.36			
14 Endosulfan I									
1	100	7.792	7.791	0.001	14237985	0.005565			
2	100	9.285	9.285	0.000	41624962	0.005835			
						RPD = 4.75			
2 4,4'-DDE									
1	100	7.899	7.898	0.001	14658995	0.004433			
2	100	9.690	9.688	0.002	40576338	0.004694			
						RPD = 5.70			
13 Dieldrin									
1	100	8.359	8.356	0.003	14195963	0.005347			
2	100	9.820	9.821	-0.001	42871548	0.005406			
						RPD = 1.10			
17 Endrin									
1	100	8.817	8.818	-0.001	13810064	0.005651			
2	100	10.343	10.343	0.000	39220808	0.005568			
						RPD = 1.49			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.909						
2	100		10.531						
1 4,4'-DDD									
1	100	9.191	9.188	0.003	8058534	0.004263			
2	100	10.720	10.718	0.002	64046729	0.005171			
						RPD = 19.24			
15 Endosulfan II									
1	100	9.269	9.266	0.003	14979151	0.005929			
2	100	10.720	10.718	0.002	64046729	0.005171			
						RPD = 13.66			
9 Chlorobenzilate									
1	100		9.280						
2	100		10.533						
30 Toxaphene									1
1	100		9.497						
1	2		9.948						
1	3		10.011						
1	4		10.596						
1	5		11.162						
2	100		10.881						
2	2		11.428						
2	3		11.831						
2	4		12.057						
2	5		12.445						
3 4,4'-DDT									
1	100	9.707	9.706	0.001	6930055	0.003692			
2	100	11.204	11.204	0.000	17270786	0.003702			
						RPD = 0.27			
18 Endrin aldehyde									
1	100	10.064	10.063	0.001	10236900	0.005567			
2	100	11.291	11.290	0.001	29147205	0.005550			
						RPD = 0.32			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.662	10.659	0.003	3175824	0.003618			
2	100	12.284	12.283	0.001	9552481	0.004135			
						RPD = 13.34			
16 Endosulfan sulfate									
1	100	10.788	10.786	0.002	10958124	0.004896			
2	100	11.724	11.722	0.002	30044102	0.004728			
						RPD = 3.48			
19 Endrin ketone									
1	100	11.187	11.187	0.000	12564107	0.005366			
2	100	12.461	12.460	0.001	31597620	0.005053			
						RPD = 6.02			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.800						
2	100		14.240						

QC Flag Legend

Processing Flags
1 - Missing Peaks

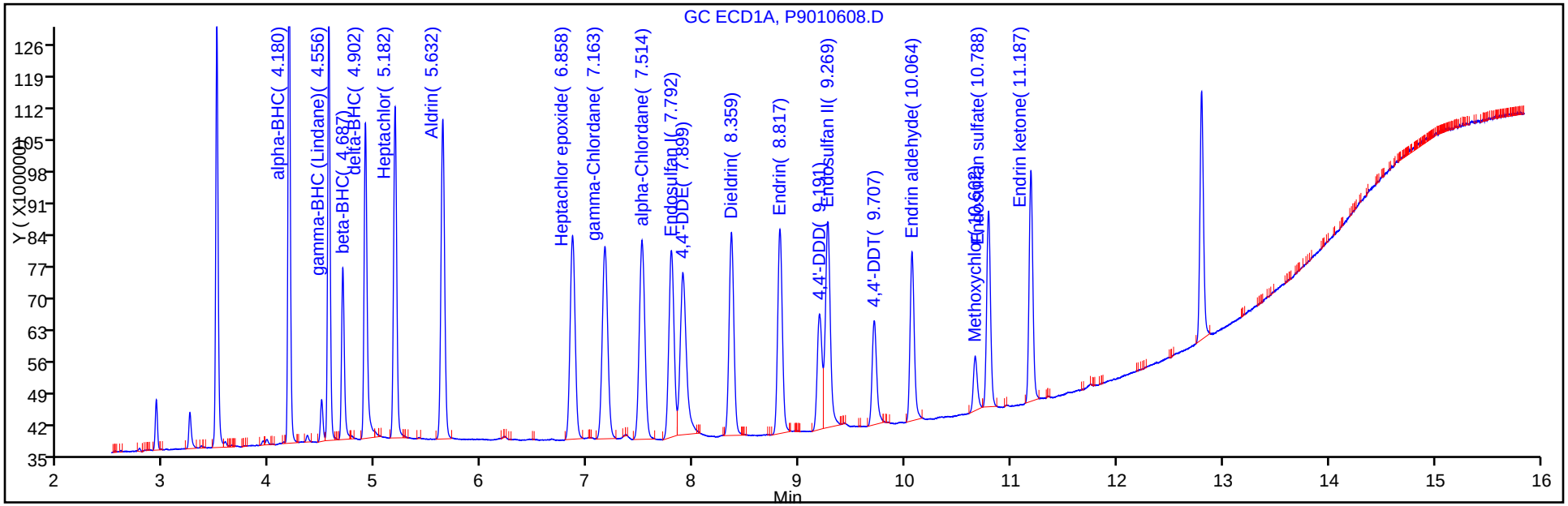
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TestAmerica Canton

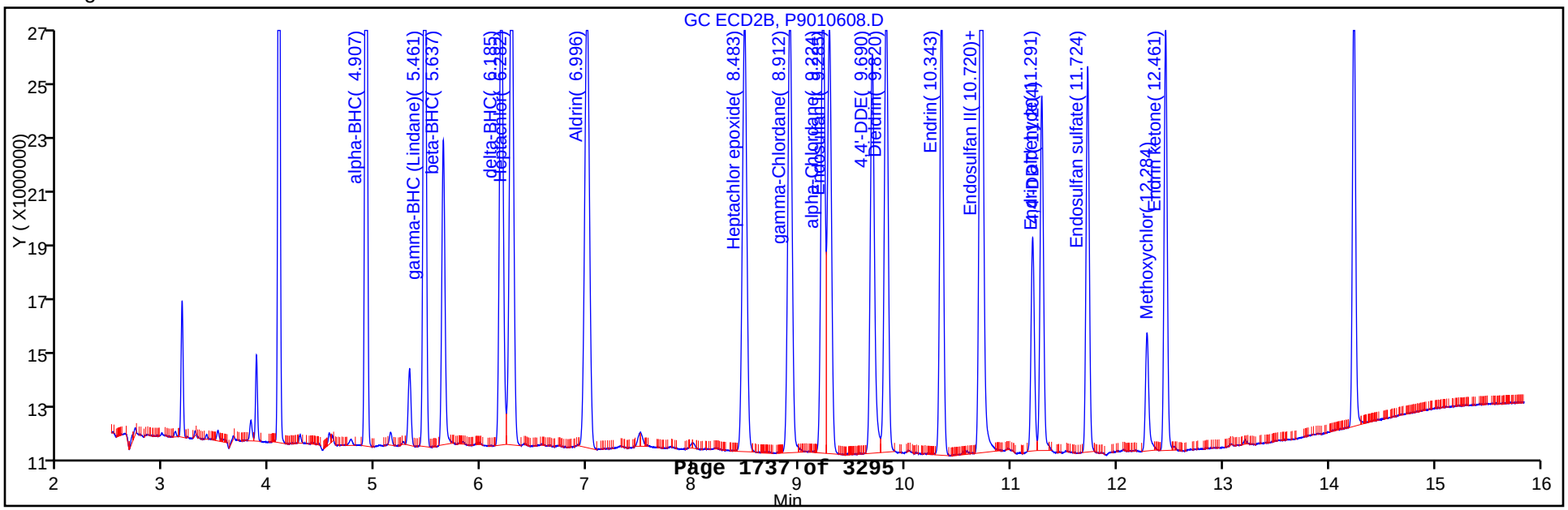
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Injection Date:	06-Jan-2013 19:07:59	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	8
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-71174/8

Matrix: Solid | Lab File ID: P9010608.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 01/06/2013 19:07

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.: 71174 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-20-8	*Endrin*	*0.00557*		*0.0010*	0.0010	*0.0011*
58-89-9	*gamma-BHC (Lindane)*	*0.00485*		*0.0010*	0.0010	*0.00064*
76-44-8	*Heptachlor*	*0.00592*		*0.0010*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00559*		*0.0010*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00413*		*0.0030*	0.0030	*0.0032*

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010608.D
Lims ID: MRL Client ID:
Inject. Date: 06-Jan-2013 19:07:59 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016400-008
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 71174 Lims Sample ID: 8
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:35 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 06:35:08

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						
2	100		4.085						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.693						
12 Diallate									1
1	100		4.056						
1	2		4.220						
2	100		4.655						
2	2		4.801						
5 alpha-BHC									
1	100	4.180	4.181	-0.001	17622495	0.004626			
2	100	4.907	4.908	-0.001	56477349	0.004286			
						RPD = 7.62			
20 gamma-BHC (Lindane)									
1	100	4.556	4.556	0.000	15482420	0.004969			
2	100	5.461	5.461	0.000	50640530	0.004855			
						RPD = 2.33			
7 beta-BHC									
1	100	4.687	4.688	-0.001	7072493	0.005213			
2	100	5.637	5.637	0.000	23379679	0.005359			
						RPD = 2.77			
11 delta-BHC									
1	100	4.902	4.901	0.001	14037350	0.004158			
2	100	6.185	6.186	-0.001	45345007	0.004177			
						RPD = 0.46			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									1
1	100		5.065						
1	2		5.918						
1	3		7.159						
1	4		7.504						
2	100		5.987						
2	2		7.482						
2	3		8.909						
2	4		9.223						
22 Heptachlor									
1	100	5.182	5.181	0.001	15285713	0.005571			
2	100	6.282	6.282	0.000	52092466	0.005917			
						RPD = 6.02			
4 Aldrin									
1	100	5.632	5.631	0.001	17074228	0.004802			
2	100	6.996	6.995	0.001	51246351	0.004820			
						RPD = 0.37			
25 Isodrin									
1	100		6.217						
2	100		7.994						
23 Heptachlor epoxide									
1	100	6.858	6.856	0.002	14965672	0.005500			
2	100	8.483	8.483	0.000	46601157	0.005585			
						RPD = 1.55			
21 gamma-Chlordane									
1	100	7.163	7.163	0.000	15416910	0.005033			
2	100	8.912	8.911	0.001	46245010	0.005178			
						RPD = 2.84			
6 alpha-Chlordane									
1	100	7.514	7.514	0.000	16145055	0.005113			
2	100	9.224	9.224	0.000	45857549	0.005182			
						RPD = 1.36			
14 Endosulfan I									
1	100	7.792	7.791	0.001	14237985	0.005565			
2	100	9.285	9.285	0.000	41624962	0.005835			
						RPD = 4.75			
2 4,4'-DDE									
1	100	7.899	7.898	0.001	14658995	0.004433			
2	100	9.690	9.688	0.002	40576338	0.004694			
						RPD = 5.70			
13 Dieldrin									
1	100	8.359	8.356	0.003	14195963	0.005347			
2	100	9.820	9.821	-0.001	42871548	0.005406			
						RPD = 1.10			
17 Endrin									
1	100	8.817	8.818	-0.001	13810064	0.005651			
2	100	10.343	10.343	0.000	39220808	0.005568			
						RPD = 1.49			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.909						
2	100		10.531						
1 4,4'-DDD									
1	100	9.191	9.188	0.003	8058534	0.004263			
2	100	10.720	10.718	0.002	64046729	0.005171			
						RPD = 19.24			
15 Endosulfan II									
1	100	9.269	9.266	0.003	14979151	0.005929			
2	100	10.720	10.718	0.002	64046729	0.005171			
						RPD = 13.66			
9 Chlorobenzilate									
1	100		9.280						
2	100		10.533						
30 Toxaphene									1
1	100		9.497						
1	2		9.948						
1	3		10.011						
1	4		10.596						
1	5		11.162						
2	100		10.881						
2	2		11.428						
2	3		11.831						
2	4		12.057						
2	5		12.445						
3 4,4'-DDT									
1	100	9.707	9.706	0.001	6930055	0.003692			
2	100	11.204	11.204	0.000	17270786	0.003702			
						RPD = 0.27			
18 Endrin aldehyde									
1	100	10.064	10.063	0.001	10236900	0.005567			
2	100	11.291	11.290	0.001	29147205	0.005550			
						RPD = 0.32			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.662	10.659	0.003	3175824	0.003618			
2	100	12.284	12.283	0.001	9552481	0.004135			
						RPD = 13.34			
16 Endosulfan sulfate									
1	100	10.788	10.786	0.002	10958124	0.004896			
2	100	11.724	11.722	0.002	30044102	0.004728			
						RPD = 3.48			
19 Endrin ketone									
1	100	11.187	11.187	0.000	12564107	0.005366			
2	100	12.461	12.460	0.001	31597620	0.005053			
						RPD = 6.02			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.800						
2	100		14.240						

QC Flag Legend

Processing Flags
1 - Missing Peaks

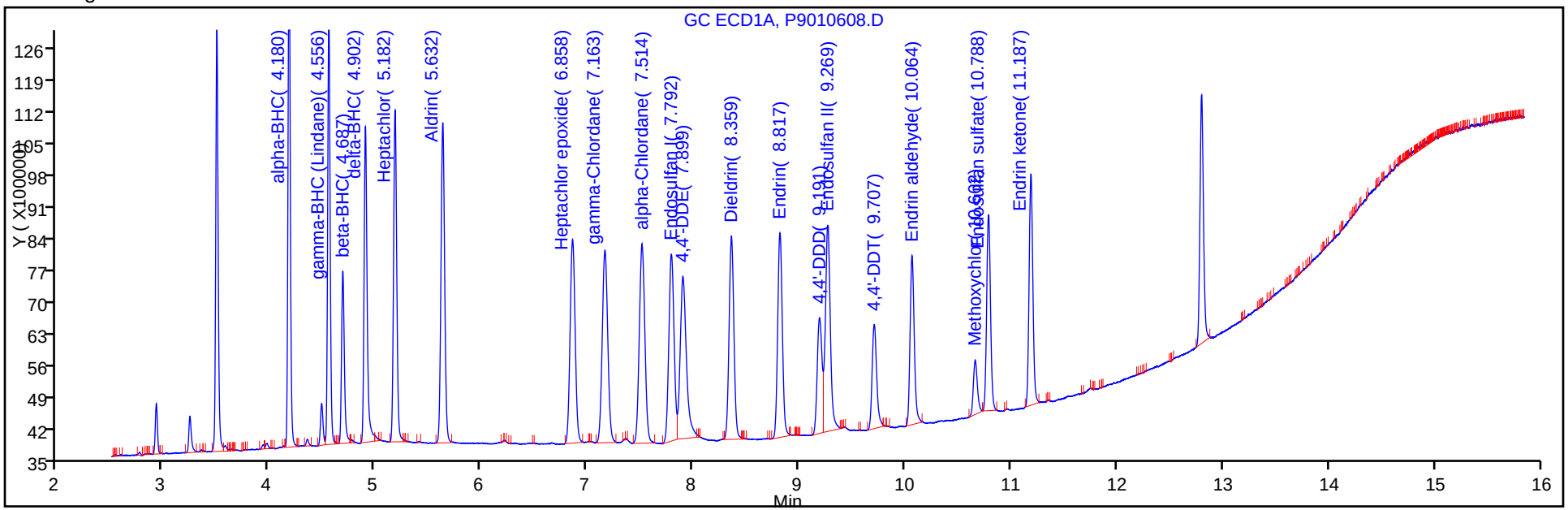
Report Date: 07-Jan-2013 07:09:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

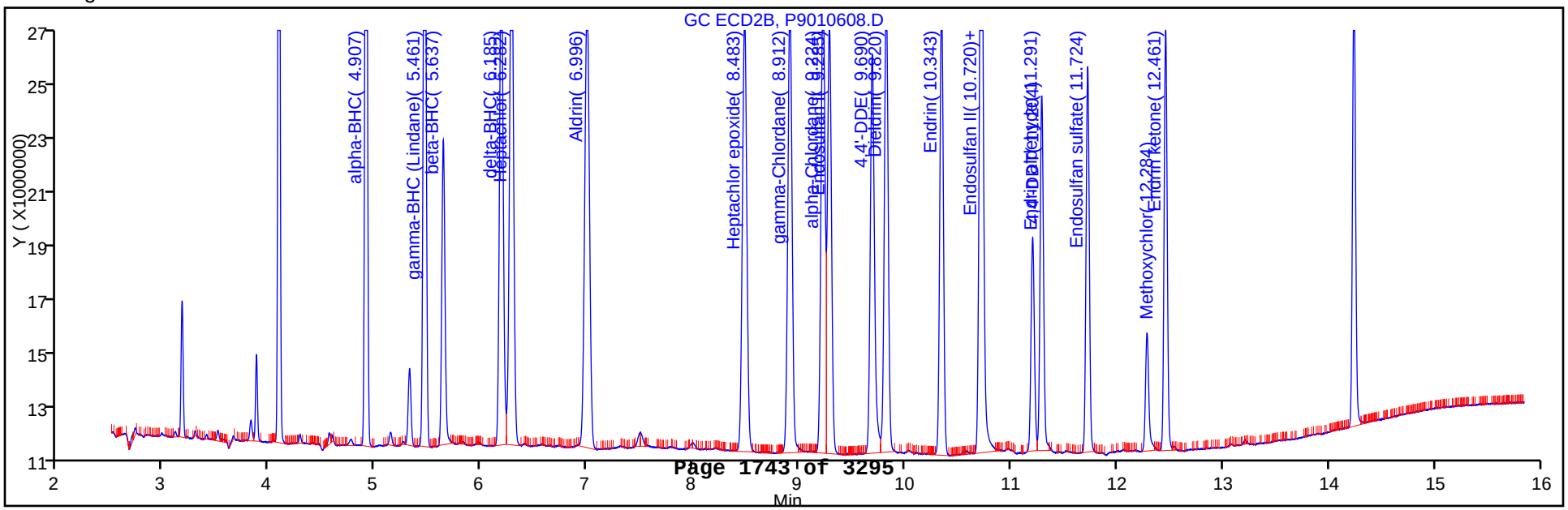
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010608.D

Injection Date:	06-Jan-2013 19:07:59	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-71174/21

Matrix: Solid Lab File ID: P9010621.D

Analysis Method: 8081/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 01/07/2013 00:52

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.: 71174 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-20-8	Endrin	0.00556		0.0010	0.0010	0.0011
58-89-9	gamma-BHC (Lindane)	0.00430		0.0010	0.0010	0.00064
76-44-8	Heptachlor	0.00573		0.0010	0.0010	0.00080
1024-57-3	Heptachlor epoxide	0.00584		0.0010	0.0010	0.00071
72-43-5	Methoxychlor	0.00460		0.0030	0.0030	0.0032

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010621.D
Lims ID: MRL Client ID:
Inject. Date: 07-Jan-2013 00:52:19 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016400-021
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 71174 Lims Sample ID: 21
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:53 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 07:08:53

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.498						
2	100		4.084						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.693						
12 Diallate									1
1	100		4.056						
1	2		4.220						
2	100		4.655						
2	2		4.801						
5 alpha-BHC									
1	100	4.180	4.179	0.001	15411104	0.004045			
2	100	4.906	4.907	-0.001	48323086	0.003667			
						RPD = 9.80			
20 gamma-BHC (Lindane)									
1	100	4.555	4.556	-0.001	13400843	0.004301			
2	100	5.460	5.460	0.000	43541297	0.004174			
						RPD = 3.00			
7 beta-BHC									
1	100	4.687	4.688	-0.001	7237614	0.005334			
2	100	5.636	5.636	0.000	24177847	0.005542			
						RPD = 3.82			
11 delta-BHC									
1	100	4.900	4.901	-0.001	4722137	0.001399			
2	100	6.184	6.184	0.000	16021212	0.001476			
						RPD = 5.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.065						
1	2		5.918						
1	3		7.159						
1	4		7.504						
2	100		5.987						
2	2		7.482						
2	3		8.909						
2	4		9.223						
22 Heptachlor									
1	100	5.180	5.180	0.000	15712532	0.005727			
2	100	6.281	6.281	0.000	52754969	0.005992			
						RPD = 4.53			
4 Aldrin									
1	100	5.631	5.631	0.000	18420358	0.005181			
2	100	6.995	6.994	0.001	54816110	0.005155			
						RPD = 0.49			
25 Isodrin									
1	100		6.217						
2	100		7.994						
23 Heptachlor epoxide									
1	100	6.855	6.856	-0.001	15900577	0.005843			
2	100	8.482	8.482	0.000	47686027	0.005715			
						RPD = 2.21			
21 gamma-Chlordane									
1	100	7.164	7.162	0.002	16112738	0.005260			
2	100	8.908	8.911	-0.003	43678382	0.004890			
						RPD = 7.28			
6 alpha-Chlordane									
1	100	7.512	7.513	-0.001	16952109	0.005368			
2	100	9.223	9.223	0.000	47145194	0.005328			
						RPD = 0.75			
14 Endosulfan I									
1	100	7.789	7.791	-0.002	14486263	0.005662			
2	100	9.283	9.284	-0.001	40527342	0.005682			
						RPD = 0.35			
2 4,4'-DDE									
1	100	7.897	7.896	0.001	18417237	0.005570			
2	100	9.685	9.686	-0.001	55957296	0.006473			
						RPD = 14.99			
13 Dieldrin									
1	100	8.356	8.357	-0.001	15114591	0.005693			
2	100	9.820	9.821	-0.001	43303969	0.005460			
						RPD = 4.17			
17 Endrin									
1	100	8.815	8.818	-0.003	13583696	0.005558			
2	100	10.342	10.343	-0.001	38561122	0.005474			
						RPD = 1.53			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.909						
2	100		10.531						
1 4,4'-DDD									
1	100	9.186	9.183	0.003	7923727	0.004192			
2	100	10.718	10.718	0.000	55153579	0.004453			
						RPD = 6.03			
15 Endosulfan II									
1	100	9.269	9.268	0.001	12857489	0.005089			
2	100	10.718	10.718	0.000	55153579	0.004453			
						RPD = 13.34			
9 Chlorobenzilate									
1	100		9.280						
2	100		10.533						
30 Toxaphene									1
1	100		9.494						
1	2		9.946						
1	3		10.008						
1	4		10.594						
1	5		11.158						
2	100		10.878						
2	2		11.426						
2	3		11.829						
2	4		12.054						
2	5		12.434						
3 4,4'-DDT									
1	100	9.705	9.704	0.001	5965687	0.003178			
2	100	11.202	11.203	-0.001	13972729	0.002995			
						RPD = 5.94			
18 Endrin aldehyde									
1	100	10.066	10.068	-0.002	8873615	0.004826			
2	100	11.291	11.291	0.000	24525895	0.004670			
						RPD = 3.29			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.657	10.656	0.001	4041915	0.004604			
2	100	12.282	12.281	0.001	9722488	0.004208			
						RPD = 8.98			
16 Endosulfan sulfate									
1	100	10.785	10.786	-0.001	5699996	0.002546			
2	100	11.723	11.723	0.000	14583158	0.002295			
						RPD = 10.39			
19 Endrin ketone									
1	100	11.187	11.187	0.000	7347554	0.003138			
2	100	12.459	12.459	0.000	16750808	0.002679			
						RPD = 15.80			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.798						
2	100		14.238						

QC Flag Legend

Processing Flags
1 - Missing Peaks

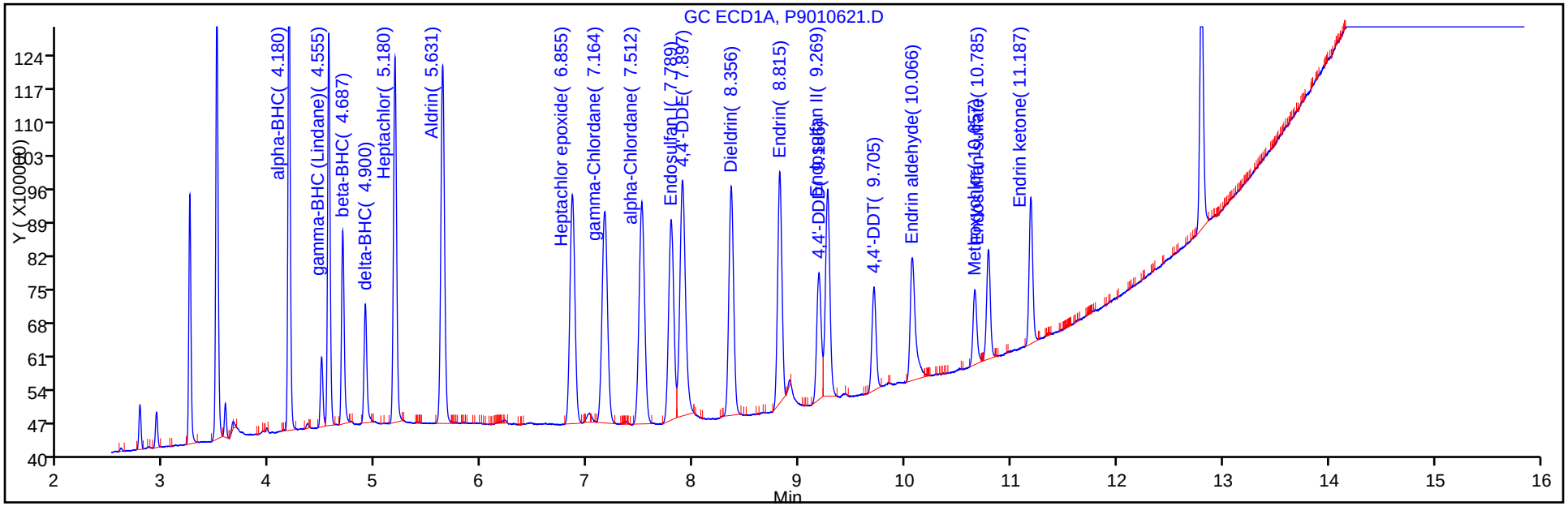
Report Date: 07-Jan-2013 07:09:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

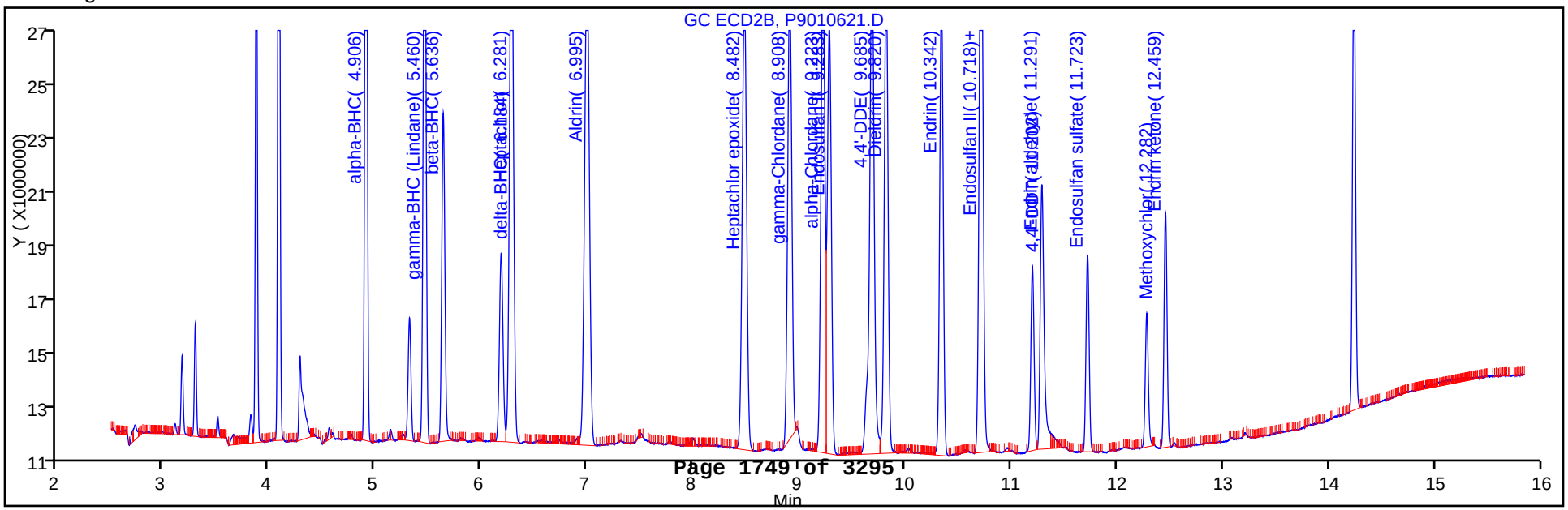
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010621.D

Injection Date:	07-Jan-2013 00:52:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-71174/21

Matrix: Solid | Lab File ID: P9010621.D

Analysis Method: 8081/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 01/07/2013 00:52

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.: 71174 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-20-8	*Endrin*	*0.00547*		*0.0010*	0.0010	*0.0011*
58-89-9	*gamma-BHC (Lindane)*	*0.00417*		*0.0010*	0.0010	*0.00064*
76-44-8	*Heptachlor*	*0.00599*		*0.0010*	0.0010	*0.00080*
1024-57-3	*Heptachlor epoxide*	*0.00572*		*0.0010*	0.0010	*0.00071*
72-43-5	*Methoxychlor*	*0.00421*		*0.0030*	0.0030	*0.0032*

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010621.D
Lims ID: MRL Client ID:
Inject. Date: 07-Jan-2013 00:52:19 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0016400-021
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 71174 Lims Sample ID: 21
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:09:53 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 07:08:53

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100		3.498						
2	100		4.084						
24 Hexachlorobenzene									
1	100		3.967						
2	100		4.693						
12 Diallate									1
1	100		4.056						
1	2		4.220						
2	100		4.655						
2	2		4.801						
5 alpha-BHC									
1	100	4.180	4.179	0.001	15411104	0.004045			
2	100	4.906	4.907	-0.001	48323086	0.003667			
						RPD = 9.80			
20 gamma-BHC (Lindane)									
1	100	4.555	4.556	-0.001	13400843	0.004301			
2	100	5.460	5.460	0.000	43541297	0.004174			
						RPD = 3.00			
7 beta-BHC									
1	100	4.687	4.688	-0.001	7237614	0.005334			
2	100	5.636	5.636	0.000	24177847	0.005542			
						RPD = 3.82			
11 delta-BHC									
1	100	4.900	4.901	-0.001	4722137	0.001399			
2	100	6.184	6.184	0.000	16021212	0.001476			
						RPD = 5.37			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.065						
1	2		5.918						
1	3		7.159						
1	4		7.504						
2	100		5.987						
2	2		7.482						
2	3		8.909						
2	4		9.223						
22 Heptachlor									
1	100	5.180	5.180	0.000	15712532	0.005727			
2	100	6.281	6.281	0.000	52754969	0.005992			
						RPD = 4.53			
4 Aldrin									
1	100	5.631	5.631	0.000	18420358	0.005181			
2	100	6.995	6.994	0.001	54816110	0.005155			
						RPD = 0.49			
25 Isodrin									
1	100		6.217						
2	100		7.994						
23 Heptachlor epoxide									
1	100	6.855	6.856	-0.001	15900577	0.005843			
2	100	8.482	8.482	0.000	47686027	0.005715			
						RPD = 2.21			
21 gamma-Chlordane									
1	100	7.164	7.162	0.002	16112738	0.005260			
2	100	8.908	8.911	-0.003	43678382	0.004890			
						RPD = 7.28			
6 alpha-Chlordane									
1	100	7.512	7.513	-0.001	16952109	0.005368			
2	100	9.223	9.223	0.000	47145194	0.005328			
						RPD = 0.75			
14 Endosulfan I									
1	100	7.789	7.791	-0.002	14486263	0.005662			
2	100	9.283	9.284	-0.001	40527342	0.005682			
						RPD = 0.35			
2 4,4'-DDE									
1	100	7.897	7.896	0.001	18417237	0.005570			
2	100	9.685	9.686	-0.001	55957296	0.006473			
						RPD = 14.99			
13 Dieldrin									
1	100	8.356	8.357	-0.001	15114591	0.005693			
2	100	9.820	9.821	-0.001	43303969	0.005460			
						RPD = 4.17			
17 Endrin									
1	100	8.815	8.818	-0.003	13583696	0.005558			
2	100	10.342	10.343	-0.001	38561122	0.005474			
						RPD = 1.53			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
26 Kepone									
1	100		8.909						
2	100		10.531						
1 4,4'-DDD									
1	100	9.186	9.183	0.003	7923727	0.004192			
2	100	10.718	10.718	0.000	55153579	0.004453			
						RPD = 6.03			
15 Endosulfan II									
1	100	9.269	9.268	0.001	12857489	0.005089			
2	100	10.718	10.718	0.000	55153579	0.004453			
						RPD = 13.34			
9 Chlorobenzilate									
1	100		9.280						
2	100		10.533						
30 Toxaphene									1
1	100		9.494						
1	2		9.946						
1	3		10.008						
1	4		10.594						
1	5		11.158						
2	100		10.878						
2	2		11.426						
2	3		11.829						
2	4		12.054						
2	5		12.434						
3 4,4'-DDT									
1	100	9.705	9.704	0.001	5965687	0.003178			
2	100	11.202	11.203	-0.001	13972729	0.002995			
						RPD = 5.94			
18 Endrin aldehyde									
1	100	10.066	10.068	-0.002	8873615	0.004826			
2	100	11.291	11.291	0.000	24525895	0.004670			
						RPD = 3.29			
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100	10.657	10.656	0.001	4041915	0.004604			
2	100	12.282	12.281	0.001	9722488	0.004208			
						RPD = 8.98			
16 Endosulfan sulfate									
1	100	10.785	10.786	-0.001	5699996	0.002546			
2	100	11.723	11.723	0.000	14583158	0.002295			
						RPD = 10.39			
19 Endrin ketone									
1	100	11.187	11.187	0.000	7347554	0.003138			
2	100	12.459	12.459	0.000	16750808	0.002679			
						RPD = 15.80			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100		12.798						
2	100		14.238						

QC Flag Legend

Processing Flags
1 - Missing Peaks

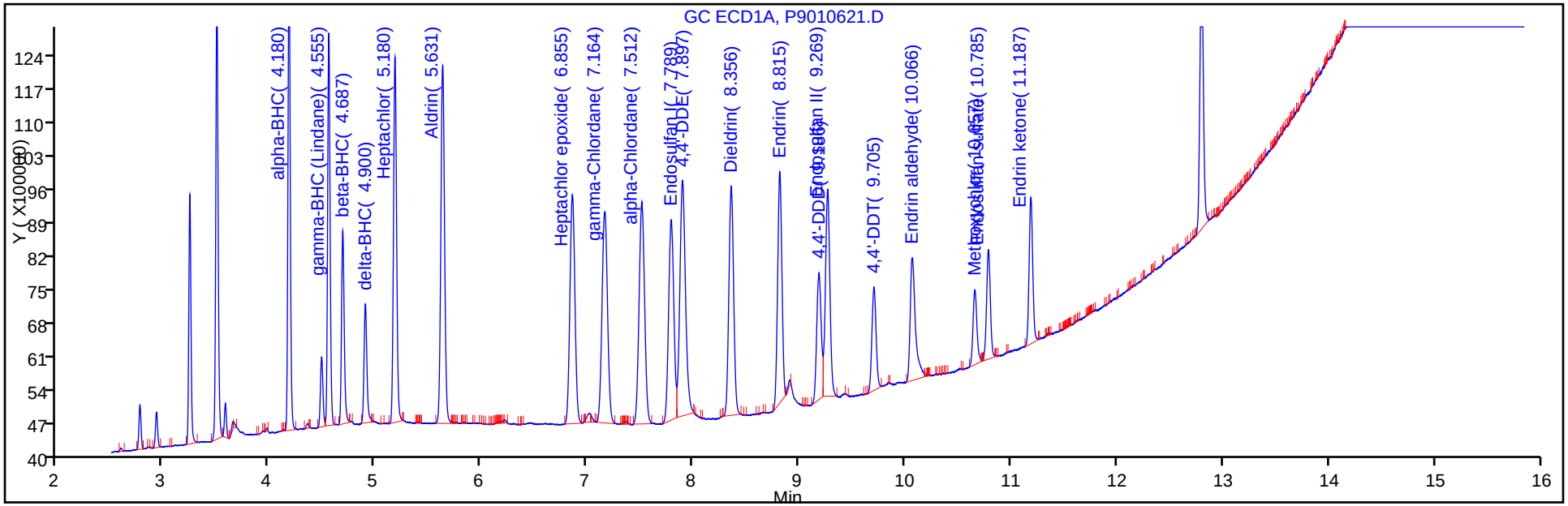
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TestAmerica Canton

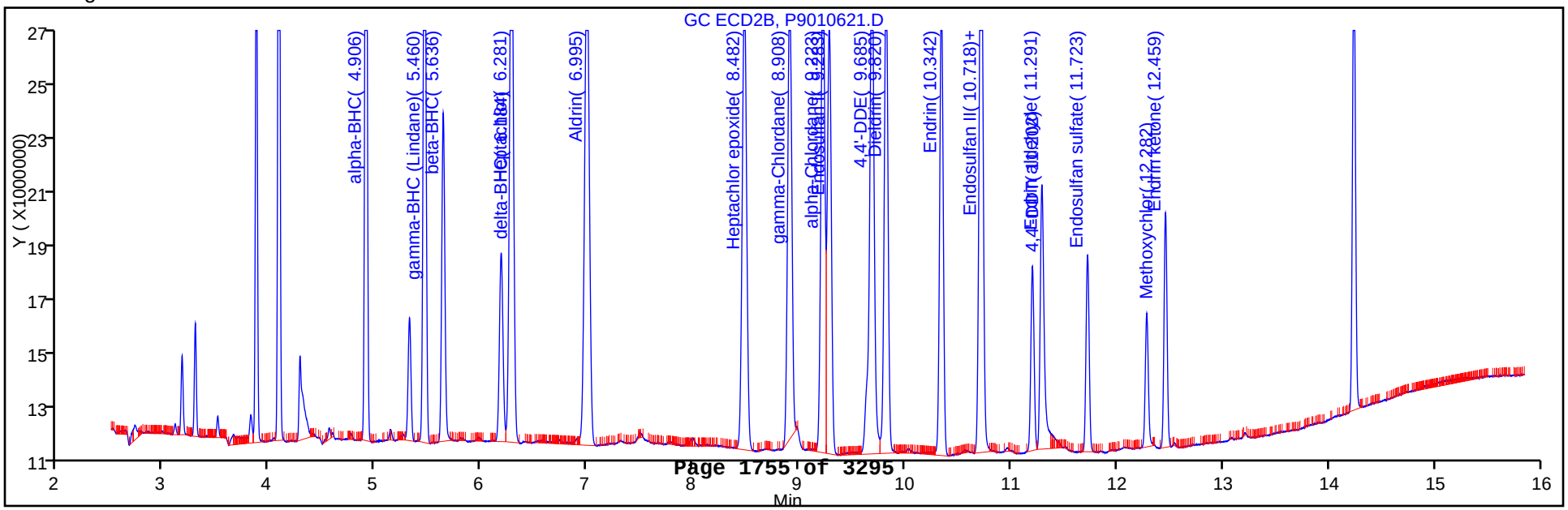
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Injection Date:	07-Jan-2013 00:52:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	Lims Sample ID:	21
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0059-0001-IDW MS | Lab Sample ID: 240-18735-6 MS

Matrix: Water (TCLP) | Lab File ID: P9010611.D

Analysis Method: 8081/DOD | Date Collected: 12/12/2012 13:30

Extraction Method: 3520C | Date Extracted: 12/24/2012 10:33

Sample wt/vol: 250(mL) | Date Analyzed: 01/06/2013 20:23

Con. Extract Vol.: 3(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.: 71174 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
57-74-9	Chlordane (technical)	0.00040	U	0.15	0.00040	0.00040
72-20-8	Endrin	0.00178	J D	0.050	0.00013	0.00013
58-89-9	gamma-BHC (Lindane)	0.00160	J D	0.050	0.00012	0.000077
76-44-8	Heptachlor	0.00174	J D	0.050	0.00012	0.000096
1024-57-3	Heptachlor epoxide	0.00195	J D	0.050	0.00012	0.000085
72-43-5	Methoxychlor	0.00310	J D	0.15	0.00038	0.00038

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	18	Q	44-144
877-09-8	Tetrachloro-m-xylene	88		44-127

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010611.D
Lims ID: 240-18735-F-6-H MS
Client ID:
Inject. Date: 06-Jan-2013 20:23:19
Dil. Factor: 5.0000
Sample Type: MS
Sample ID: 240-0016400-011
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 11
Lims Batch ID: 71174
Lims Sample ID: 11
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:30:57
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: XAWRK004

First Level Reviewer: vandorenc
Date: 07-Jan-2013 07:30:57

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	31768545	0.0117			
2	100	4.085	4.085	0.000	96265870	0.0110			
						RPD = 6.31			
20 gamma-BHC (Lindane)									
1	100	4.555	4.556	-0.001	83261801	0.0267			
2	100	5.462	5.461	0.001	268004773	0.0257			
						RPD = 3.93			
8 Chlordane (technical)									1
1	100		5.065						
1	2		5.918						
1	3		7.159						
1	4		7.504						
2	100		5.987						
2	2		7.482						
2	3		8.909						
2	4		9.223						
22 Heptachlor									
1	100	5.181	5.181	0.000	79442823	0.0290			
2	100	6.283	6.282	0.001	242688994	0.0276			
						RPD = 4.91			
23 Heptachlor epoxide									
1	100	6.858	6.856	0.002	88659484	0.0326			
2	100	8.483	8.483	0.000	265152650	0.0318			
						RPD = 2.49			
17 Endrin									
1	100	8.816	8.818	-0.002	72490664	0.0297			
2	100	10.343	10.343	0.000	206222329	0.0293			
						RPD = 1.32			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100		9.497						
1	2		9.948						
1	3		10.011						
1	4		10.596						
1	5		11.162						
2	100		10.881						
2	2		11.428						
2	3		11.831						
2	4		12.057						
2	5		12.445						
27 Methoxychlor									
1	100	10.655	10.659	-0.004	45340694	0.0516			
2	100	12.280	12.283	-0.003	105283675	0.0456			
						RPD = 12.50			
$ 10 DCB Decachlorobiphenyl									
1	100	12.798	12.800	-0.002	6134664	0.002403			
2	100	14.238	14.240	-0.002	16150242	0.002377			
						RPD = 1.07			

QC Flag Legend

Processing Flags
1 - Missing Peaks

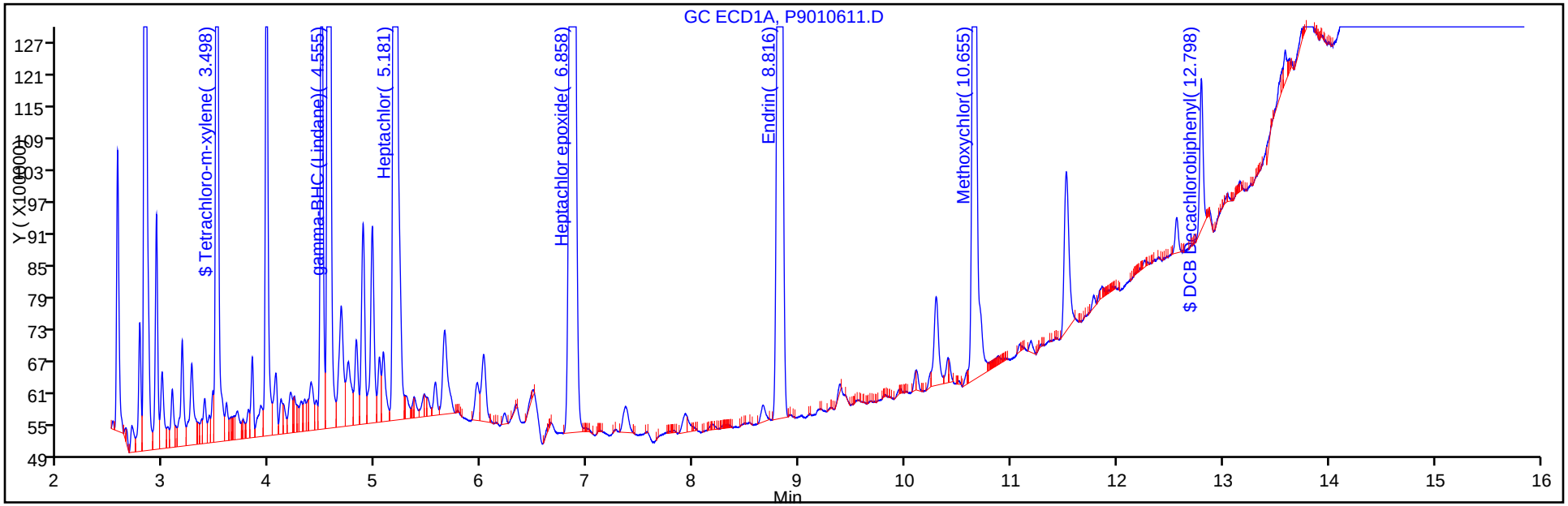
Report Date: 07-Jan-2013 07:30:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

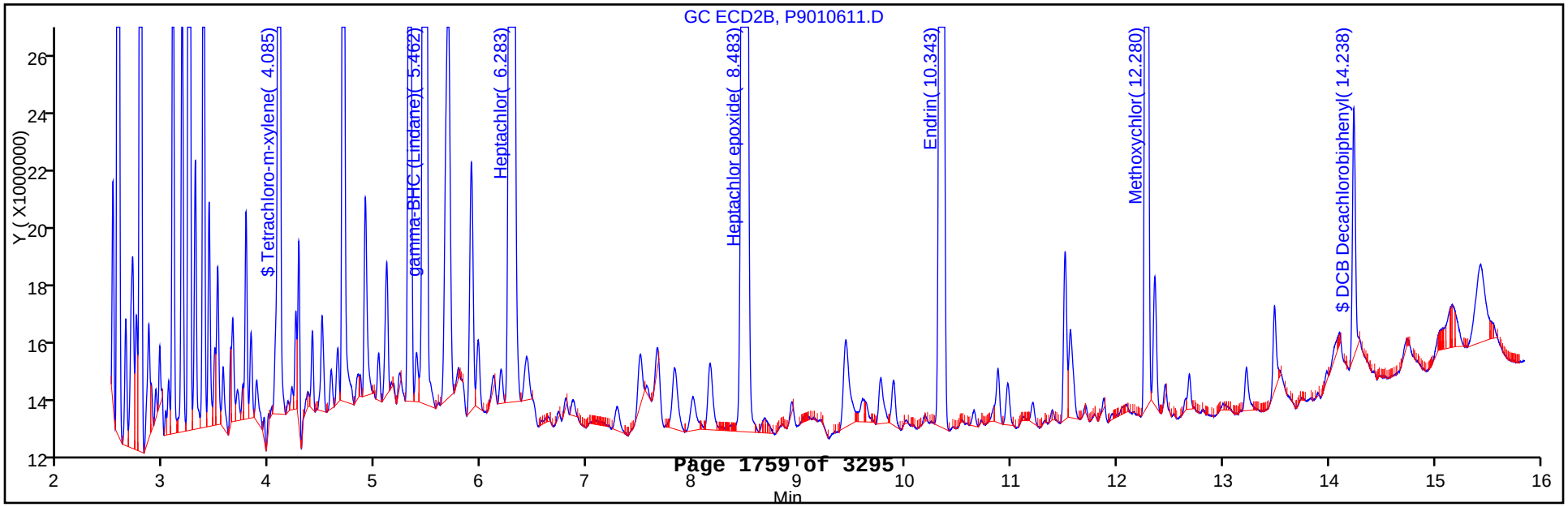
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010611.D

Injection Date:	06-Jan-2013 20:23:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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 I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0059-0001-IDW MS Lab Sample ID: 240-18735-6 MS

Matrix: Water (TCLP) Lab File ID: P9010611.D

Analysis Method: 8081/DOD Date Collected: 12/12/2012 13:30

Extraction Method: 3520C Date Extracted: 12/24/2012 10:33

Sample wt/vol: 250(mL) Date Analyzed: 01/06/2013 20:23

Con. Extract Vol.: 3(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.: 71174 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	18	Q	44-144
877-09-8	Tetrachloro-m-xylene	82		44-127

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010611.D
Lims ID: 240-18735-F-6-H MS Client ID:
Inject. Date: 06-Jan-2013 20:23:19 Dil. Factor: 5.0000
Sample Type: MS
Sample ID: 240-0016400-011
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 71174 Lims Sample ID: 11
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\PEST9.m
Last Update: 07-Jan-2013 07:30:57 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: XAWRK004

First Level Reviewer: vandorenc Date: 07-Jan-2013 07:30:57

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	31768545	0.0117			
2	100	4.085	4.085	0.000	96265870	0.0110			
						RPD = 6.31			
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1	100	4.555	4.556	-0.001	83261801	0.0267			
2	100	5.462	5.461	0.001	268004773	0.0257			
						RPD = 3.93			
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1	2		5.918						
1	3		7.159						
1	4		7.504						
2	100		5.987						
2	2		7.482						
2	3		8.909						
2	4		9.223						
22 Heptachlor									
1	100	5.181	5.181	0.000	79442823	0.0290			
2	100	6.283	6.282	0.001	242688994	0.0276			
						RPD = 4.91			
23 Heptachlor epoxide									
1	100	6.858	6.856	0.002	88659484	0.0326			
2	100	8.483	8.483	0.000	265152650	0.0318			
						RPD = 2.49			
17 Endrin									
1	100	8.816	8.818	-0.002	72490664	0.0297			
2	100	10.343	10.343	0.000	206222329	0.0293			
						RPD = 1.32			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
30 Toxaphene									
1	100		9.497						
1	2		9.948						
1	3		10.011						
1	4		10.596						
1	5		11.162						
2	100		10.881						
2	2		11.428						
2	3		11.831						
2	4		12.057						
2	5		12.445						
27 Methoxychlor									
1	100	10.655	10.659	-0.004	45340694	0.0516			
2	100	12.280	12.283	-0.003	105283675	0.0456			
						RPD = 12.50			
$ 10 DCB Decachlorobiphenyl									
1	100	12.798	12.800	-0.002	6134664	0.002403			
2	100	14.238	14.240	-0.002	16150242	0.002377			
						RPD = 1.07			

QC Flag Legend

Processing Flags
1 - Missing Peaks

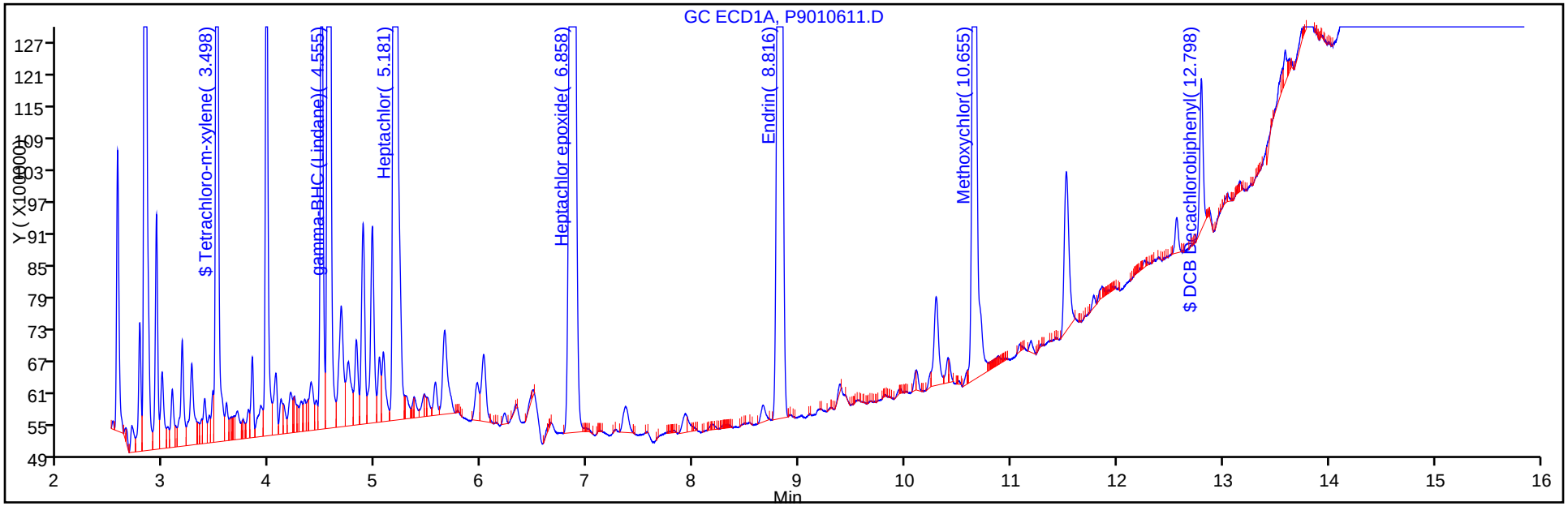
Report Date: 07-Jan-2013 07:30:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

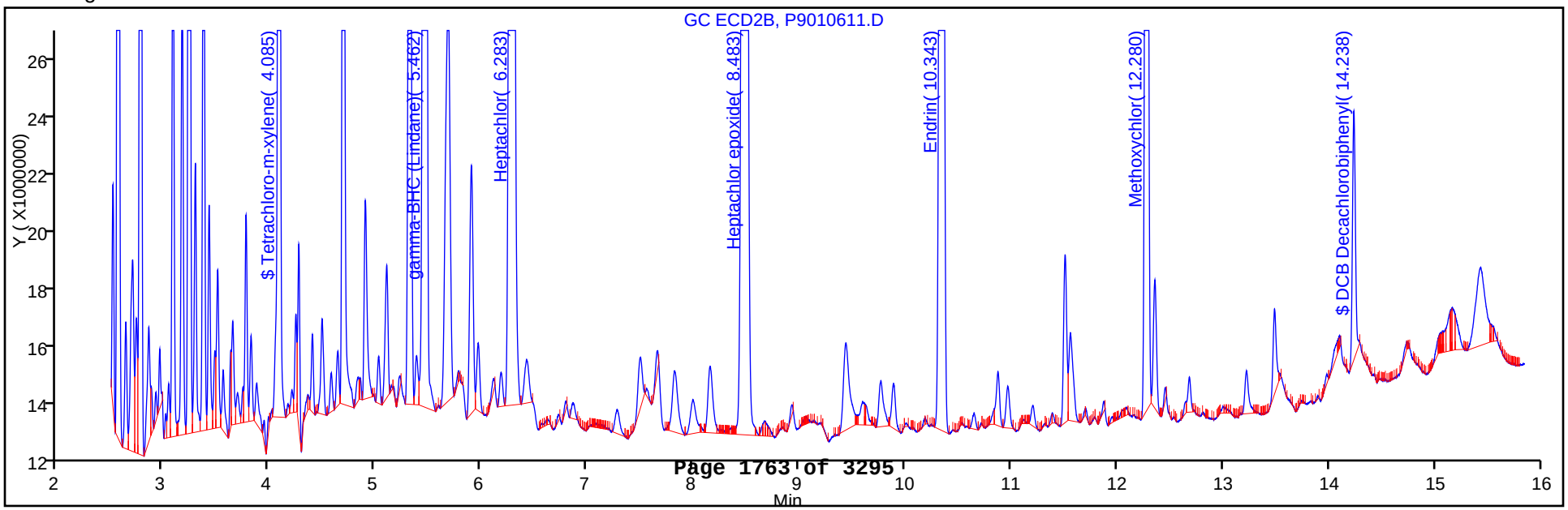
Data File: \\Ncchrom\ChromData\A2HP9\20130106-16400.b\P9010611.D

Injection Date:	06-Jan-2013 20:23:19	Limit Group:	GC 8081 D0D ICAL
Client ID:		Instrument ID:	A2HP9
Lims Batch ID:	71174	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



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-2

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	P9120618.D	CLP-1 0.53(mm)
STD 240-67554/18 IC		12/06/2012 16:43	1	P9120618.D	CLP-2 0.53(mm)
STD 240-67554/19 IC		12/06/2012 17:11	1	P9120619.D	CLP-1 0.53(mm)
STD 240-67554/19 IC		12/06/2012 17:11	1	P9120619.D	CLP-2 0.53(mm)
STD 240-67554/20 IC		12/06/2012 17:39	1	P9120620.D	CLP-1 0.53(mm)
STD 240-67554/20 IC		12/06/2012 17:39	1	P9120620.D	CLP-2 0.53(mm)
STD 240-67554/21 IC		12/06/2012 18:08	1	P9120621.D	CLP-1 0.53(mm)
STD 240-67554/21 IC		12/06/2012 18:08	1	P9120621.D	CLP-2 0.53(mm)
STD 240-67554/22 IC		12/06/2012 18:34	1	P9120622.D	CLP-1 0.53(mm)
STD 240-67554/22 IC		12/06/2012 18:34	1	P9120622.D	CLP-2 0.53(mm)
ICV 240-67554/23		12/06/2012 18:58	1	P9120623.D	CLP-1 0.53(mm)
ICV 240-67554/23		12/06/2012 18:58	1	P9120623.D	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.: 240-18735-2

SDG No.:

Instrument ID: A2HP9 Start Date: 12/18/2012 10:00

Analysis Batch Number: 69152 End Date: 12/18/2012 18:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-69152/4		12/18/2012 10:00	1	P9121804.D	CLP-1 0.53(mm)
PEM 240-69152/4		12/18/2012 10:00	1	P9121804.D	CLP-2 0.53(mm)
CCV 240-69152/5		12/18/2012 10:28	1	P9121805.D	CLP-1 0.53(mm)
CCV 240-69152/5		12/18/2012 10:28	1	P9121805.D	CLP-2 0.53(mm)
CCV 240-69152/6		12/18/2012 10:55	1		CLP-1 0.53(mm)
CCV 240-69152/6		12/18/2012 10:55	1		CLP-2 0.53(mm)
CCV 240-69152/7 CCVRT		12/18/2012 11:23	1	P9121807.D	CLP-1 0.53(mm)
CCV 240-69152/7 CCVRT		12/18/2012 11:23	1	P9121807.D	CLP-2 0.53(mm)
MRL 240-69152/8		12/18/2012 11:51	1	P9121808.D	CLP-1 0.53(mm)
MRL 240-69152/8		12/18/2012 11:51	1	P9121808.D	CLP-2 0.53(mm)
LCS 240-68554/5-A		12/18/2012 12:18	1	P9121809.D	CLP-1 0.53(mm)
LCS 240-68554/5-A		12/18/2012 12:18	1	P9121809.D	CLP-2 0.53(mm)
ZZZZZ		12/18/2012 12:46	1		CLP-1 0.53(mm)
ZZZZZ		12/18/2012 12:46	1		CLP-2 0.53(mm)
240-18735-3	070-0056-0001-SOURCE WATER	12/18/2012 13:14	1	P9121811.D	CLP-1 0.53(mm)
240-18735-3	070-0056-0001-SOURCE WATER	12/18/2012 13:14	1	P9121811.D	CLP-2 0.53(mm)
240-18735-4	070-0057-0001-SOURCE WATER	12/18/2012 13:42	1	P9121812.D	CLP-1 0.53(mm)
240-18735-4	070-0057-0001-SOURCE WATER	12/18/2012 13:42	1	P9121812.D	CLP-2 0.53(mm)
MB 240-68554/4-A		12/18/2012 14:09	1	P9121813.D	CLP-1 0.53(mm)
MB 240-68554/4-A		12/18/2012 14:09	1	P9121813.D	CLP-2 0.53(mm)
ZZZZZ		12/18/2012 14:37	1		CLP-1 0.53(mm)
ZZZZZ		12/18/2012 14:37	1		CLP-2 0.53(mm)
ZZZZZ		12/18/2012 15:04	1		CLP-1 0.53(mm)
ZZZZZ		12/18/2012 15:04	1		CLP-2 0.53(mm)
ZZZZZ		12/18/2012 15:32	1		CLP-1 0.53(mm)
ZZZZZ		12/18/2012 15:32	1		CLP-2 0.53(mm)
ZZZZZ		12/18/2012 15:59	1		CLP-1 0.53(mm)
ZZZZZ		12/18/2012 15:59	1		CLP-2 0.53(mm)
ZZZZZ		12/18/2012 16:27	1		CLP-1 0.53(mm)
ZZZZZ		12/18/2012 16:27	1		CLP-2 0.53(mm)
CCV 240-69152/19		12/18/2012 16:55	1	P9121819.D	CLP-1 0.53(mm)
CCV 240-69152/19		12/18/2012 16:55	1	P9121819.D	CLP-2 0.53(mm)
CCV 240-69152/20		12/18/2012 17:22	1		CLP-1 0.53(mm)
CCV 240-69152/20		12/18/2012 17:22	1		CLP-2 0.53(mm)
CCV 240-69152/21		12/18/2012 17:49	1	P9121821.D	CLP-1 0.53(mm)
CCV 240-69152/21		12/18/2012 17:49	1	P9121821.D	CLP-2 0.53(mm)
MRL 240-69152/22		12/18/2012 18:17	1	P9121822.D	CLP-1 0.53(mm)
MRL 240-69152/22		12/18/2012 18:17	1	P9121822.D	CLP-2 0.53(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-2

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		CLP-1 0.53(mm)
CCV 240-69893/18		12/22/2012 18:27	1		CLP-2 0.53(mm)
ZZZZZ		12/22/2012 18:51	1		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 18:51	1		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.: 240-18735-2

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
ZZZZZ		12/22/2012 21:42	5		CLP-1 0.53(mm)
ZZZZZ		12/22/2012 21:42	5		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		CLP-1 0.53(mm)
CCV 240-69893/31		12/22/2012 23:44	1		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)
ZZZZZ		12/23/2012 04:37	1		CLP-1 0.53(mm)
ZZZZZ		12/23/2012 04:37	1		CLP-2 0.53(mm)
CCV 240-69893/60		12/23/2012 11:33	1		CLP-1 0.53(mm)
CCV 240-69893/60		12/23/2012 11:33	1		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 ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: A2HP9 Start Date: 01/06/2013 17:20

Analysis Batch Number: 71174 End Date: 01/07/2013 01:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 240-71174/4		01/06/2013 17:20	1	P9010604.D	CLP-1 0.53(mm)
PEM 240-71174/4		01/06/2013 17:20	1	P9010604.D	CLP-2 0.53(mm)
CCV 240-71174/5		01/06/2013 17:48	1	P9010605.D	CLP-1 0.53(mm)
CCV 240-71174/5		01/06/2013 17:48	1	P9010605.D	CLP-2 0.53(mm)
CCV 240-71174/6 CCVRT		01/06/2013 18:15	1	P9010606.D	CLP-1 0.53(mm)
CCV 240-71174/6 CCVRT		01/06/2013 18:15	1	P9010606.D	CLP-2 0.53(mm)
CCV 240-71174/7		01/06/2013 18:40	1	P9010607.D	CLP-1 0.53(mm)
CCV 240-71174/7		01/06/2013 18:40	1	P9010607.D	CLP-2 0.53(mm)
MRL 240-71174/8		01/06/2013 19:07	1	P9010608.D	CLP-1 0.53(mm)
MRL 240-71174/8		01/06/2013 19:07	1	P9010608.D	CLP-2 0.53(mm)
240-18735-5	070-0058-0001-IDW	01/06/2013 19:32	1	P9010609.D	CLP-1 0.53(mm)
240-18735-5	070-0058-0001-IDW	01/06/2013 19:32	1	P9010609.D	CLP-2 0.53(mm)
240-18735-6	070-0059-0001-IDW	01/06/2013 19:57	1	P9010610.D	CLP-1 0.53(mm)
240-18735-6	070-0059-0001-IDW	01/06/2013 19:57	1	P9010610.D	CLP-2 0.53(mm)
240-18735-6 MS	070-0059-0001-IDW MS	01/06/2013 20:23	5	P9010611.D	CLP-1 0.53(mm)
240-18735-6 MS	070-0059-0001-IDW MS	01/06/2013 20:23	5	P9010611.D	CLP-2 0.53(mm)
MB 240-70005/5-A		01/06/2013 20:49	1	P9010612.D	CLP-1 0.53(mm)
MB 240-70005/5-A		01/06/2013 20:49	1	P9010612.D	CLP-2 0.53(mm)
LCS 240-70005/4-A		01/06/2013 21:16	5	P9010613.D	CLP-1 0.53(mm)
LCS 240-70005/4-A		01/06/2013 21:16	5	P9010613.D	CLP-2 0.53(mm)
ZZZZZ		01/06/2013 22:11	1		CLP-1 0.53(mm)
ZZZZZ		01/06/2013 22:11	1		CLP-2 0.53(mm)
ZZZZZ		01/06/2013 22:38	5		CLP-1 0.53(mm)
ZZZZZ		01/06/2013 22:38	5		CLP-2 0.53(mm)
ZZZZZ		01/06/2013 23:05	1		CLP-1 0.53(mm)
ZZZZZ		01/06/2013 23:05	1		CLP-2 0.53(mm)
ZZZZZ		01/06/2013 23:31	5		CLP-1 0.53(mm)
ZZZZZ		01/06/2013 23:31	5		CLP-2 0.53(mm)
CCV 240-71174/19		01/06/2013 23:57	1	P9010619.D	CLP-1 0.53(mm)
CCV 240-71174/19		01/06/2013 23:57	1	P9010619.D	CLP-2 0.53(mm)
CCV 240-71174/20		01/07/2013 00:24	1	P9010620.D	CLP-1 0.53(mm)
CCV 240-71174/20		01/07/2013 00:24	1	P9010620.D	CLP-2 0.53(mm)
MRL 240-71174/21		01/07/2013 00:52	1	P9010621.D	CLP-1 0.53(mm)
MRL 240-71174/21		01/07/2013 00:52	1	P9010621.D	CLP-2 0.53(mm)
CCV 240-71174/22		01/07/2013 01:19	1	P9010622.D	CLP-1 0.53(mm)
CCV 240-71174/22		01/07/2013 01:19	1	P9010622.D	CLP-2 0.53(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 68554 Batch Start Date: 12/13/12 12:45 Batch Analyst: Coast, Chris

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

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	EX2/.2SURRW 00020	EXPSTNPDESSPW 00011	AnalysisComment
240-18735-O-3	070-0056-0001-SOURCE WATER	3520C, 8081/DOD	T	1050 mL	5 mL	7	1 mL		assoc sample with batch # 68553
240-18735-L-4	070-0057-0001-SOURCE WATER	3520C, 8081/DOD	T	1050 mL	5 mL	7	1 mL		assoc sample with batch # 68553
MB 240-68554/4		3520C, 8081/DOD		1000 mL	5 mL	7	1 mL		
LCS 240-68554/5		3520C, 8081/DOD		1000 mL	5 mL	7	1 mL	0.5 mL	

Batch Notes	
Person's name who did the concentration	ac/bm
Exchange Solvent Lot #	671345
Na2SO4 Lot Number	677240
Prep Solvent Lot #	781163

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.: 240-18735-2

SDG No.:

Batch Number: 69294 Batch Start Date: 12/18/12 19:10 Batch Analyst: Jones, Diane

Batch Method: 1311 Batch End Date: 12/19/12 11:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	EXTCLPACETIC 00005	EXTCLPFILTERS 00012	EXTCLPHCLW 00018	EXTCLPNAOH 00010	AnalysisComment	
240-18735-C-5	070-0058-0001-ID W	1311, 3520C, 8081/DOD	P	1 mL	1	1 mL	1 g	DOD - MS/MSD for Metals, MS for Herb	
240-18735-F-6	070-0059-0001-ID W	1311, 3520C, 8081/DOD	P	1 mL	1	1 mL	1 g	DOD - MS for Pest, MS for BNAs	

Batch Notes	
Tumbler Rotations per Minute	A, B, C = 31rpm

Basis	Basis Description
P	TCLP

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.: 240-18735-2

SDG No.:

Batch Number: 70005 Batch Start Date: 12/26/12 11:00 Batch Analyst: Matthews, Brandon

Batch Method: 3520C Batch End Date: 12/27/12 05:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	EX2/.2SURRW 00020	EXTCLPPESTSPW 00009	
240-18735-C-5-B	070-0058-0001-IDW	3520C, 8081/DOD	P	250 mL	3 mL	5	1 mL		
240-18735-F-6-B	070-0059-0001-IDW	3520C, 8081/DOD	P	250 mL	3 mL	8	1 mL		
240-18735-F-6-B MS	070-0059-0001-IDW	3520C, 8081/DOD	P	250 mL	3 mL	8	1 mL	1 mL	
LCS 240-70005/4		3520C, 8081/DOD		250 mL	3 mL	5	1 mL	1 mL	
MB 240-70005/5		3520C, 8081/DOD		250 mL	3 mL	5	1 mL		

Batch Notes	
Person's name who did the concentration	cc/lh
Exchange Solvent Lot #	804970
Na2SO4 Lot Number	677240
Prep Solvent Lot #	797376

Basis	Basis Description
P	TCLP

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.: 240-18735-2

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 #
070-0056-0001-SOURCE WATER	240-18735-3	87	76	71	69
070-0057-0001-SOURCE WATER	240-18735-4	90	77	70	67
	MB 240-68553/4-A	89	78	76	73
	LCS 240-68553/5-A	90	79	70	67

	QC LIMITS
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	40-135

Column to be used to flag recovery values

FORM II 8082/DOD

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

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 240-69119/4	116	132	95	99
	MRL 240-69119/11	112	146 Q	101	106

	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.: 240-18735-2

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300009.D

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

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aroclor-1016	5.00	4.56	91	25-145	
Aroclor-1260	5.00	4.06	81	30-145	

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.: 240-18735-2

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300004.D

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

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0579	116	70-130	
Aroclor-1016	0.0500	0.0630	126	70-130	
Aroclor-1260	0.0500	0.0514	103	70-130	
Aroclor-1260	0.0500	0.0440 J	88	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.: 240-18735-2

SDG No.:

Matrix: Water Level: Low Lab File ID: P1300011.D

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

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Aroclor-1016	0.0500	0.0565	113	70-130	
Aroclor-1016	0.0500	0.0567	113	70-130	
Aroclor-1260	0.0500	0.0504	101	70-130	
Aroclor-1260	0.0500	0.0457 J	91	70-130	

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.: 240-18735-2

SDG No.:

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

Matrix: Water Date Extracted: 12/13/2012 11:37

Lab File ID:(1) P1300008.D Lab File ID:(2) P1300008.D

Date Analyzed:(1) 12/18/2012 09:41 Date Analyzed:(2) 12/18/2012 09:41

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
070-0056-0001-SOURCE WATER	240-18735-3	12/18/2012 09:11	12/18/2012 09:11
070-0057-0001-SOURCE WATER	240-18735-4	12/18/2012 09:26	12/18/2012 09:26
	LCS 240-68553/5-A	12/18/2012 09:56	12/18/2012 09:56

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Sample No.: CCV 240-69119/3 Date Analyzed: 12/18/2012 08:26

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 240-69119/3 CCVRT		12/18/2012 08:26	P1300003.D	1.29	7.05	
240-18735-3	070-0056-0001-SOURCE WATER	12/18/2012 09:11	P1300006.D	1.29	7.05	
240-18735-4	070-0057-0001-SOURCE WATER	12/18/2012 09:26	P1300007.D	1.29	7.05	
MB 240-68553/4-A		12/18/2012 09:41	P1300008.D	1.29	7.05	
LCS 240-68553/5-A		12/18/2012 09:56	P1300009.D	1.29	7.05	
CCV 240-69119/10		12/18/2012 10:11	P1300010.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.: 240-18735-2

SDG No.:

Sample No.: CCV 240-69119/3 Date Analyzed: 12/18/2012 08:26

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 240-69119/3 CCVRT		12/18/2012 08:26	P1300003.D	1.64	8.21	
240-18735-3	070-0056-0001-SOURCE WATER	12/18/2012 09:11	P1300006.D	1.64	8.21	
240-18735-4	070-0057-0001-SOURCE WATER	12/18/2012 09:26	P1300007.D	1.64	8.21	
MB 240-68553/4-A		12/18/2012 09:41	P1300008.D	1.64	8.20	
LCS 240-68553/5-A		12/18/2012 09:56	P1300009.D	1.64	8.21	
CCV 240-69119/10		12/18/2012 10:11	P1300010.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 X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

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

Instrument ID (1): A2HP13 Instrument ID (2): A2HP13

Date Analyzed (1): 12/18/2012 09:56 Date Analyzed (2): 12/18/2012 09:56

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	4.47	4.56	12.2
		2	2.56	2.51	2.61	4.58		
		3	3.04	2.99	3.09	5.05		
		4	3.19	3.14	3.24	4.68		
		5	3.84	3.79	3.89	4.03		
	2	1	1.58	1.53	1.63	3.68	4.04	
		2	1.89	1.84	1.94	3.99		
		3	2.32	2.27	2.37	4.26		
		4	2.45	2.40	2.50	4.33		
		5	2.86	2.81	2.91	3.91		
Aroclor-1260	1	1	5.12	5.07	5.17	4.10	4.06	9.2
		2	5.37	5.32	5.42	4.27		
		3	5.76	5.71	5.81	4.03		
		4	6.49	6.44	6.54	4.09		
		5	6.89	6.84	6.94	3.81		
	2	1	4.15	4.10	4.20	3.95	3.70	
		2	4.46	4.41	4.51	3.82		
		3	4.76	4.71	4.81	3.71		
		4	5.51	5.46	5.56	3.64		
		5	5.81	5.76	5.86	3.39		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0056-0001-SOURCE Lab Sample ID: 240-18735-3

Matrix: Water Lab File ID: P1300006.D

Analysis Method: 8082/DOD Date Collected: 12/12/2012 13:00

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

Sample wt/vol: 1050(mL) Date Analyzed: 12/18/2012 09:11

Con. Extract Vol.: 5(mL) Dilution Factor: 1

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

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

Analysis Batch No.: 69119 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		40-140
2051-24-3	DCB Decachlorobiphenyl	69		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300006.D
Lims ID: 240-18735-O-3-A
Client ID: 070-0056-0001-SOURCE WATER
Inject. Date: 18-Dec-2012 09:11:26
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015947-006
Misc. Info.:
Operator:
Instrument ID: A2HP13
Injection Vol: 1.0 uL
ALS Bottle#: 6
Lims Batch ID: 69119
Lims Sample ID: 6
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:15
Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK005

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.287	1.285	0.002	69825812	0.0306			
2	2	1.641	1.640	0.001	49822063	0.0347			
						RPD = 12.51			
3 PCB-1221									1
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									1
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6	PCB-1016								1
1	100		1.580						
1	2		1.888						
1	3		2.315						
1	4		2.445						
1	5		2.858						
2	6		2.134						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.837						
5	PCB-1242								
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
7	PCB-1248								1
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8	PCB-1254								1
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.149						
1	2		4.458						
1	3		4.758						
1	4		5.508						
1	5		5.810						
2	6		5.123						
2	7		5.370						
2	8		5.757						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.045	0.003	64837357	0.0278			
2	2	8.205	8.205	0.000	38250952	0.0284			
						RPD = 2.23			

QC Flag Legend

Processing Flags
1 - Missing Peaks

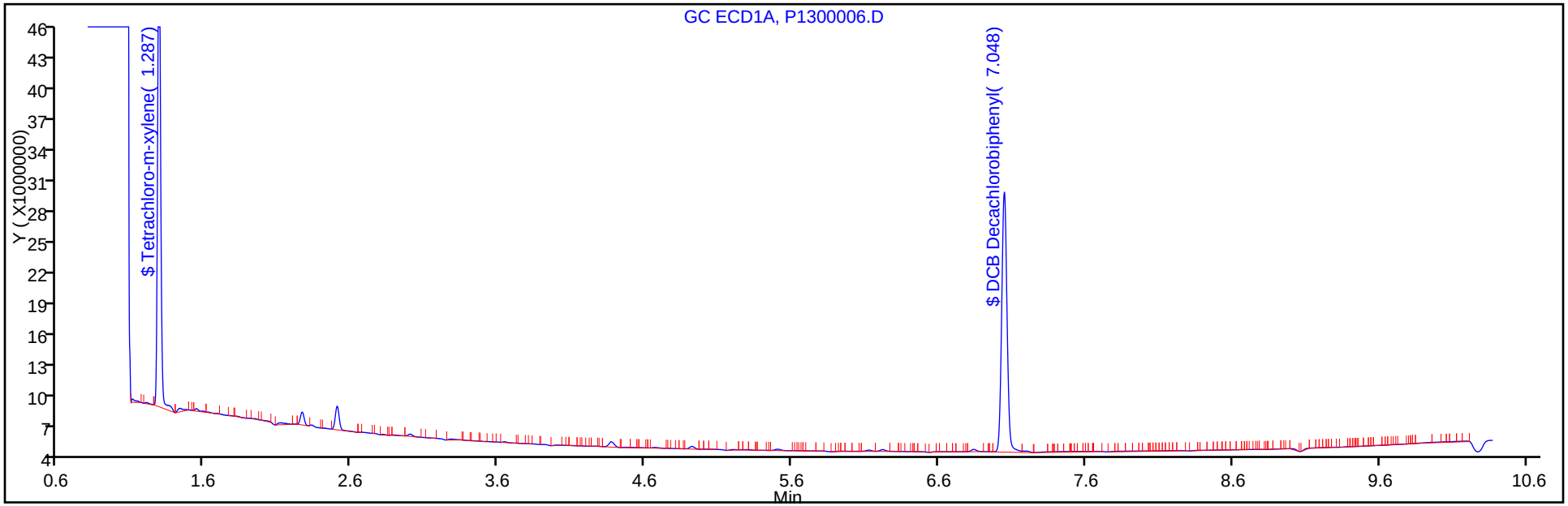
Report Date: 21-Dec-2012 09:49:19 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

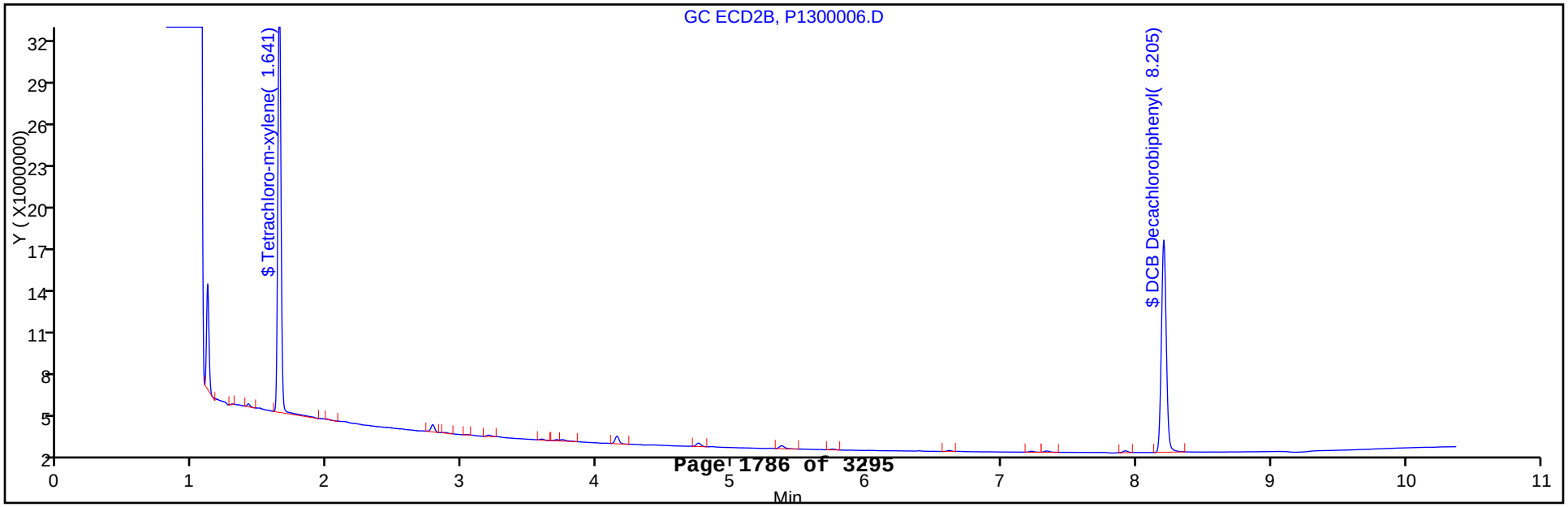
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300006.D

Injection Date:	18-Dec-2012 09:11:26	Limit Group:	GC 8082A ICAL
Client ID:	070-0056-0001-SOURCE WATER	Instrument ID:	A2HP13
Lims Batch ID:	69119	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.: 240-18735-2

SDG No.:

Client Sample ID: 070-0056-0001-SOURCE | Lab Sample ID: 240-18735-3

Matrix: Water | Lab File ID: P1300006.D

Analysis Method: 8082/DOD | Date Collected: 12/12/2012 13:00

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

Sample wt/vol: 1050(mL) | Date Analyzed: 12/18/2012 09:11

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 69119 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.19	U	0.48	0.19	0.12
12674-11-2	Aroclor-1016	0.19	U	0.48	0.19	0.16
11141-16-5	Aroclor-1232	0.19	U	0.48	0.19	0.15
53469-21-9	Aroclor-1242	0.38	U	0.48	0.38	0.21
12672-29-6	Aroclor-1248	0.19	U	0.48	0.19	0.095
11097-69-1	Aroclor-1254	0.19	U	0.48	0.19	0.15
11096-82-5	Aroclor-1260	0.19	U	0.48	0.19	0.16

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	87		40-140
2051-24-3	DCB Decachlorobiphenyl	71		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300006.D		
Lims ID:	240-18735-O-3-A	Client ID:	070-0056-0001-SOURCE WATER
Inject. Date:	18-Dec-2012 09:11:26	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015947-006		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	6
Lims Batch ID:	69119	Lims Sample ID:	6
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m		
Last Update:	21-Dec-2012 09:49:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.287	1.285	0.002	69825812	0.0306			
2	2	1.641	1.640	0.001	49822063	0.0347			
						RPD = 12.51			
3 PCB-1221									1
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									1
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6	PCB-1016								1
1	100		1.580						
1	2		1.888						
1	3		2.315						
1	4		2.445						
1	5		2.858						
2	6		2.134						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.837						
5	PCB-1242								
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
7	PCB-1248								1
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8	PCB-1254								1
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.149						
1	2		4.458						
1	3		4.758						
1	4		5.508						
1	5		5.810						
2	6		5.123						
2	7		5.370						
2	8		5.757						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.048	7.045	0.003	64837357	0.0278			
2	2	8.205	8.205	0.000	38250952	0.0284			
						RPD = 2.23			

QC Flag Legend

Processing Flags
1 - Missing Peaks

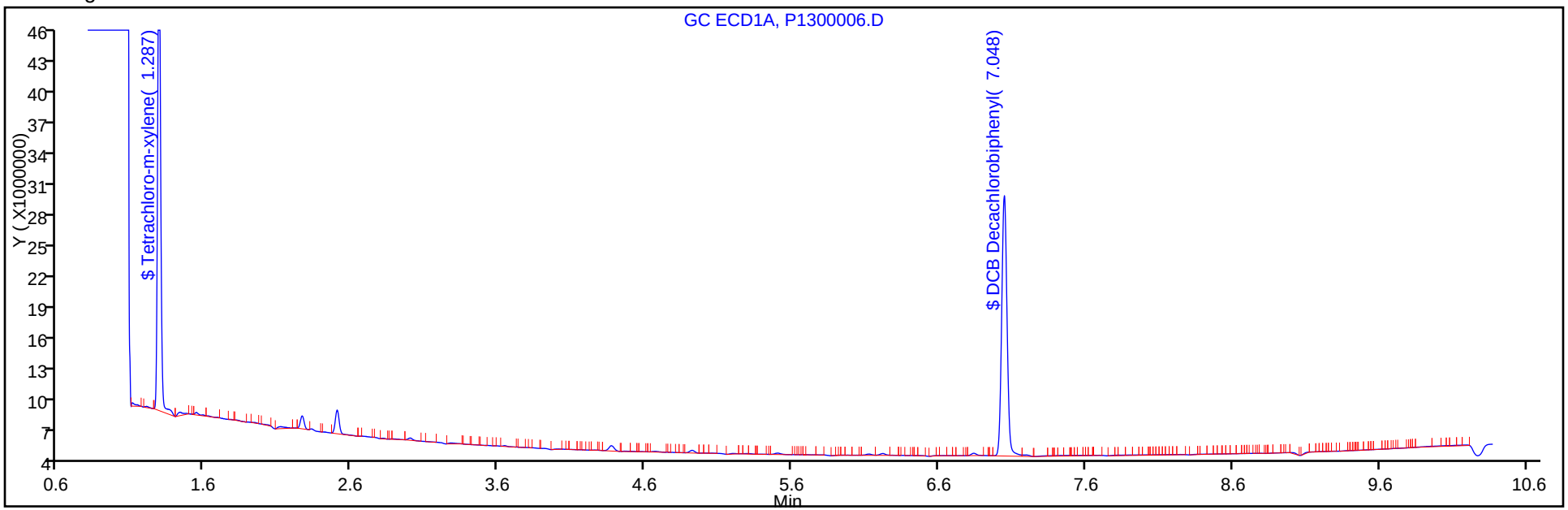
Report Date: 21-Dec-2012 09:49:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

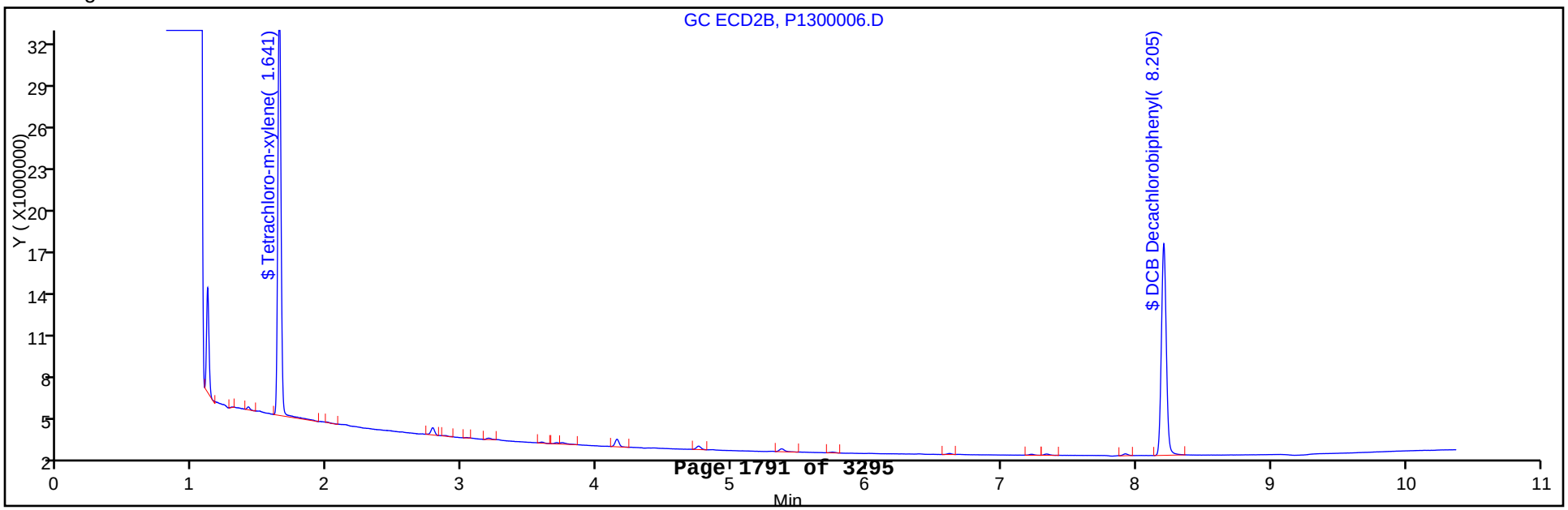
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300006.D

Injection Date:	18-Dec-2012 09:11:26	Limit Group:	GC 8082A ICAL
Client ID:	070-0056-0001-SOURCE WATER	Instrument ID:	A2HP13
Lims Batch ID:	69119	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.: 240-18735-2

SDG No.:

Client Sample ID: 070-0057-0001-SOURCE Lab Sample ID: 240-18735-4

Matrix: Water Lab File ID: P1300007.D

Analysis Method: 8082/DOD Date Collected: 12/12/2012 13:15

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

Sample wt/vol: 1050(mL) Date Analyzed: 12/18/2012 09:26

Con. Extract Vol.: 5(mL) Dilution Factor: 1

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

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

Analysis Batch No.: 69119 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		40-140
2051-24-3	DCB Decachlorobiphenyl	67		40-135

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300007.D		
Lims ID:	240-18735-L-4-A	Client ID:	070-0057-0001-SOURCE WATER
Inject. Date:	18-Dec-2012 09:26:22	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015947-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	7
Lims Batch ID:	69119	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m		
Last Update:	21-Dec-2012 09:49:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	70195498	0.0307			
2	2	1.640	1.640	0.000	51734171	0.0360			
						RPD = 15.73			
3 PCB-1221									1
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.580						
1	2		1.888						
1	3		2.315						
1	4		2.445						
1	5		2.858						
2	6		2.134						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.837						
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
7 PCB-1248									1
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									1
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.149						
1	2		4.458						
1	3		4.758						
1	4		5.508						
1	5		5.810						
2	6		5.123						
2	7		5.370						
2	8		5.757						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.046	7.045	0.001	62992337	0.0270			
2	2	8.205	8.205	0.000	37500647	0.0278			
						RPD = 3.14			

QC Flag Legend

Processing Flags
1 - Missing Peaks

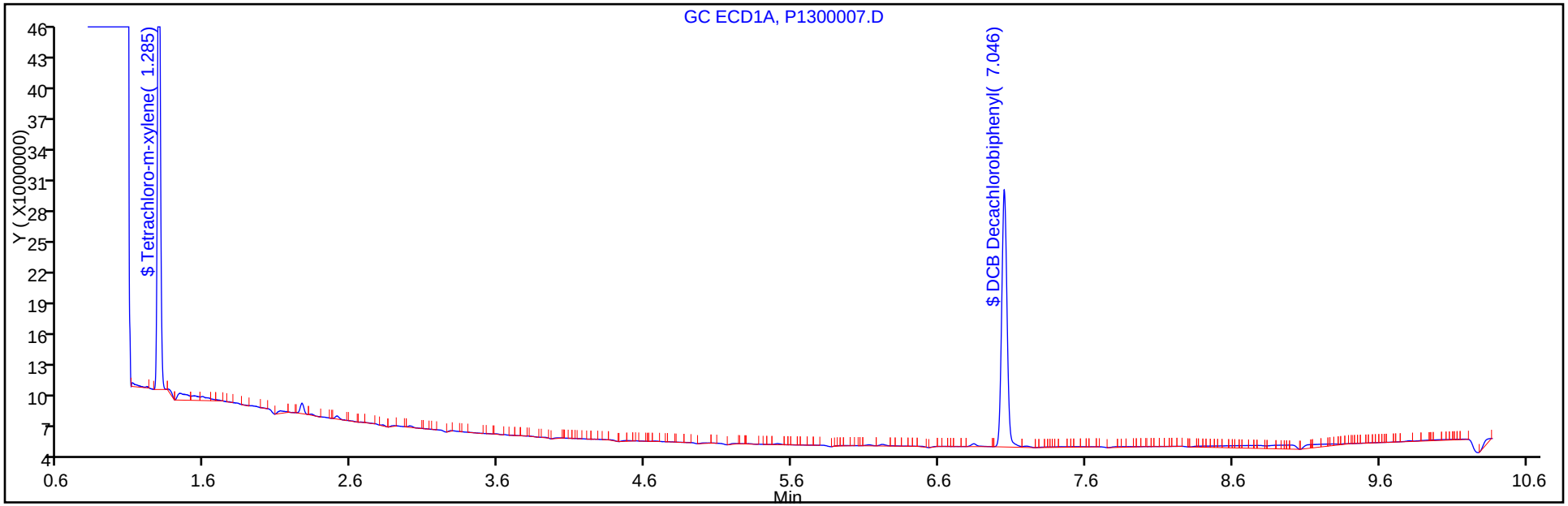
Report Date: 21-Dec-2012 09:49:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

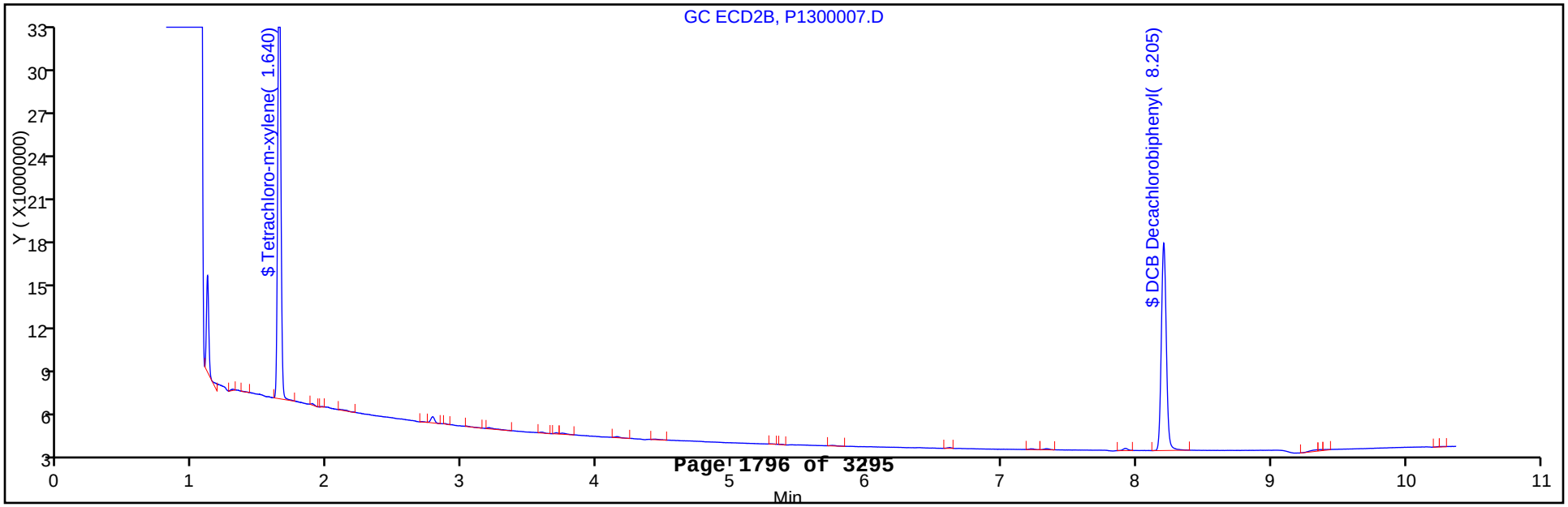
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300007.D

Injection Date:	18-Dec-2012 09:26:22	Limit Group:	GC 8082A ICAL
Client ID:	070-0057-0001-SOURCE WATER	Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0057-0001-SOURCE | Lab Sample ID: 240-18735-4

Matrix: Water | Lab File ID: P1300007.D

Analysis Method: 8082/DOD | Date Collected: 12/12/2012 13:15

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

Sample wt/vol: 1050(mL) | Date Analyzed: 12/18/2012 09:26

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 69119 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.19	U	0.48	0.19	0.12
12674-11-2	Aroclor-1016	0.19	U	0.48	0.19	0.16
11141-16-5	Aroclor-1232	0.19	U	0.48	0.19	0.15
53469-21-9	Aroclor-1242	0.38	U	0.48	0.38	0.21
12672-29-6	Aroclor-1248	0.19	U	0.48	0.19	0.095
11097-69-1	Aroclor-1254	0.19	U	0.48	0.19	0.15
11096-82-5	Aroclor-1260	0.19	U	0.48	0.19	0.16

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

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300007.D		
Lims ID:	240-18735-L-4-A	Client ID:	070-0057-0001-SOURCE WATER
Inject. Date:	18-Dec-2012 09:26:22	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015947-007		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	7
Lims Batch ID:	69119	Lims Sample ID:	7
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m		
Last Update:	21-Dec-2012 09:49:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	70195498	0.0307			
2	2	1.640	1.640	0.000	51734171	0.0360			
						RPD = 15.73			
3 PCB-1221									1
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.580						
1	2		1.888						
1	3		2.315						
1	4		2.445						
1	5		2.858						
2	6		2.134						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.837						
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
7 PCB-1248									1
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									1
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.149						
1	2		4.458						
1	3		4.758						
1	4		5.508						
1	5		5.810						
2	6		5.123						
2	7		5.370						
2	8		5.757						
2	9		6.491						
2	10		6.893						
$ 12 DCB Decachlorobiphenyl									
1	100	7.046	7.045	0.001	62992337	0.0270			
2	2	8.205	8.205	0.000	37500647	0.0278			
						RPD = 3.14			

QC Flag Legend

Processing Flags
1 - Missing Peaks

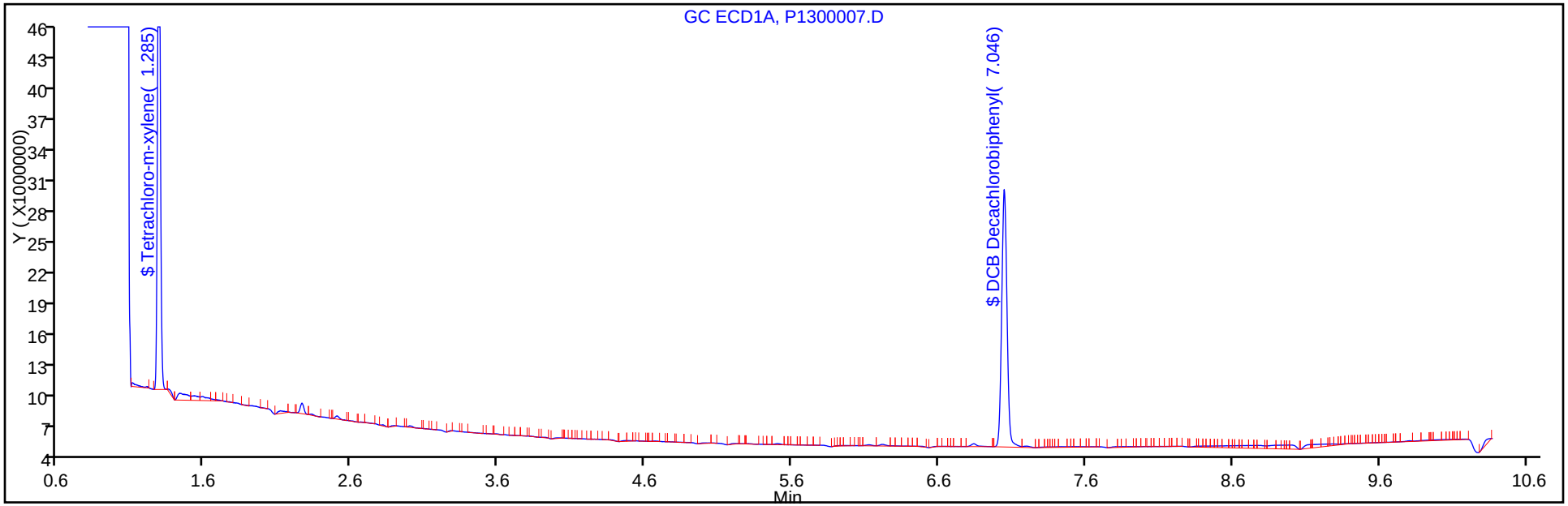
Report Date: 21-Dec-2012 09:49:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

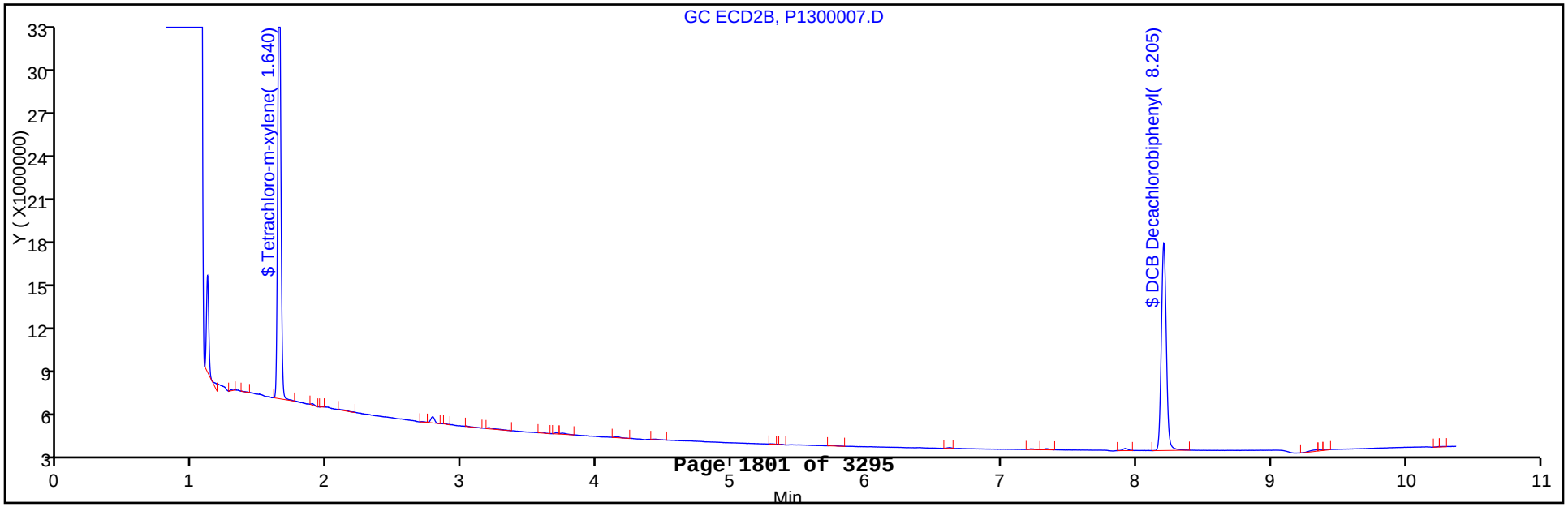
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300007.D

Injection Date:	18-Dec-2012 09:26:22	Limit Group:	GC 8082A ICAL
Client ID:	070-0057-0001-SOURCE WATER	Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

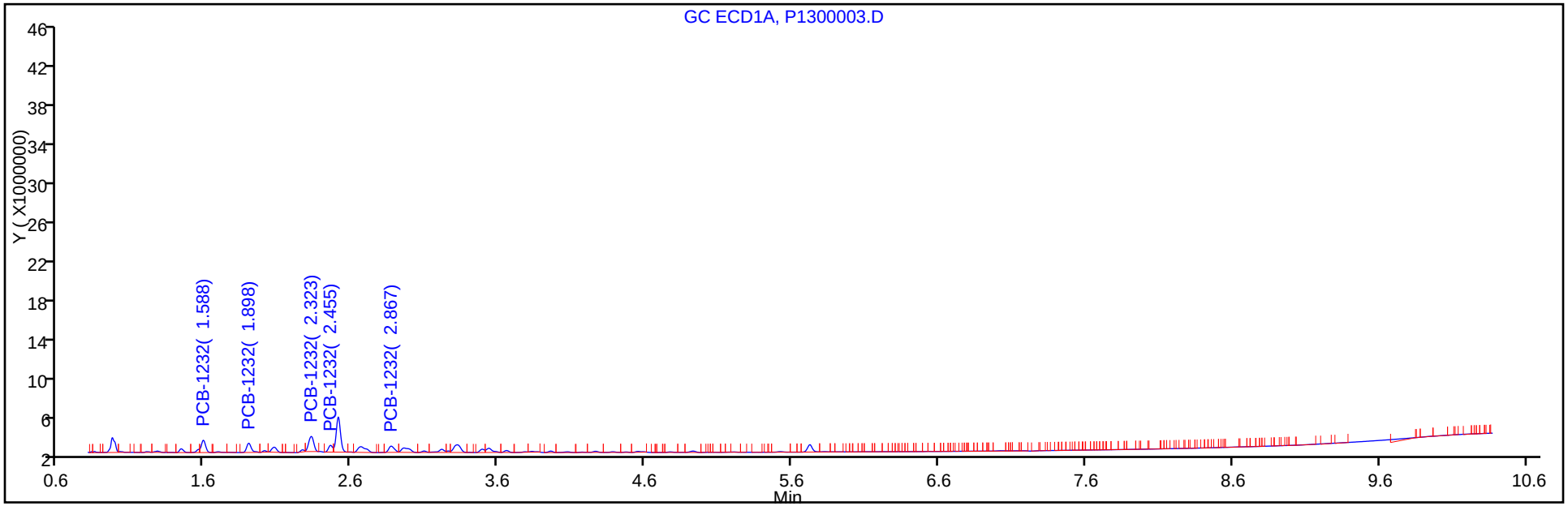
Report Date: 22-Oct-2012 09:18:48 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

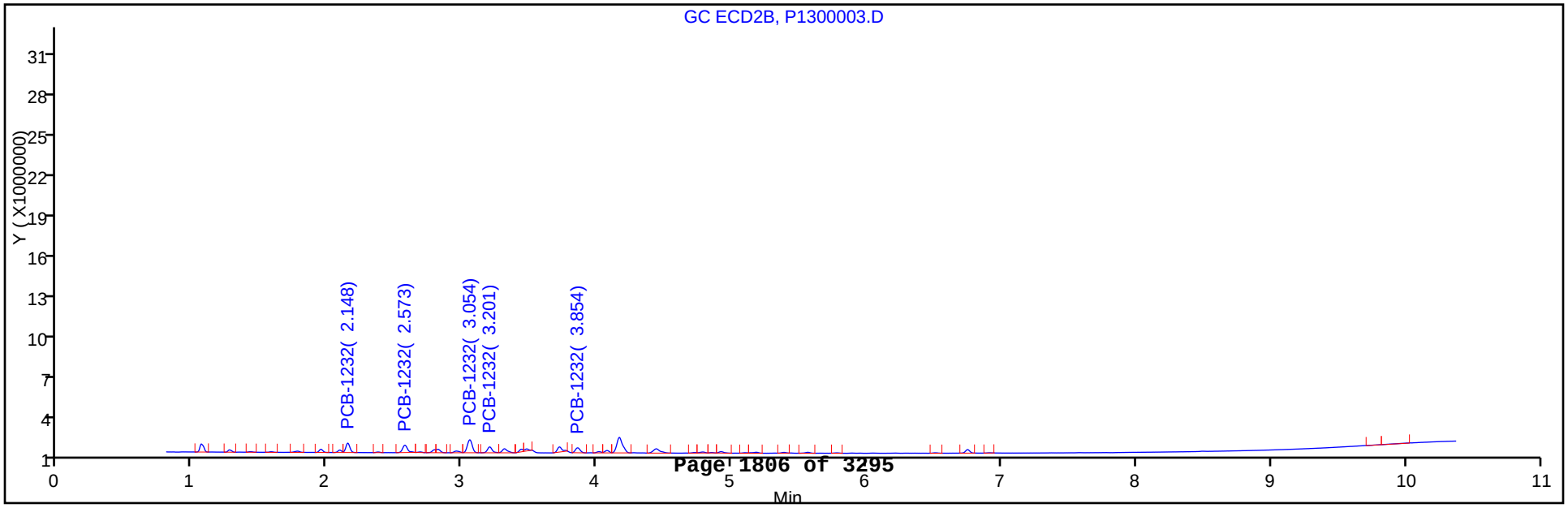
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



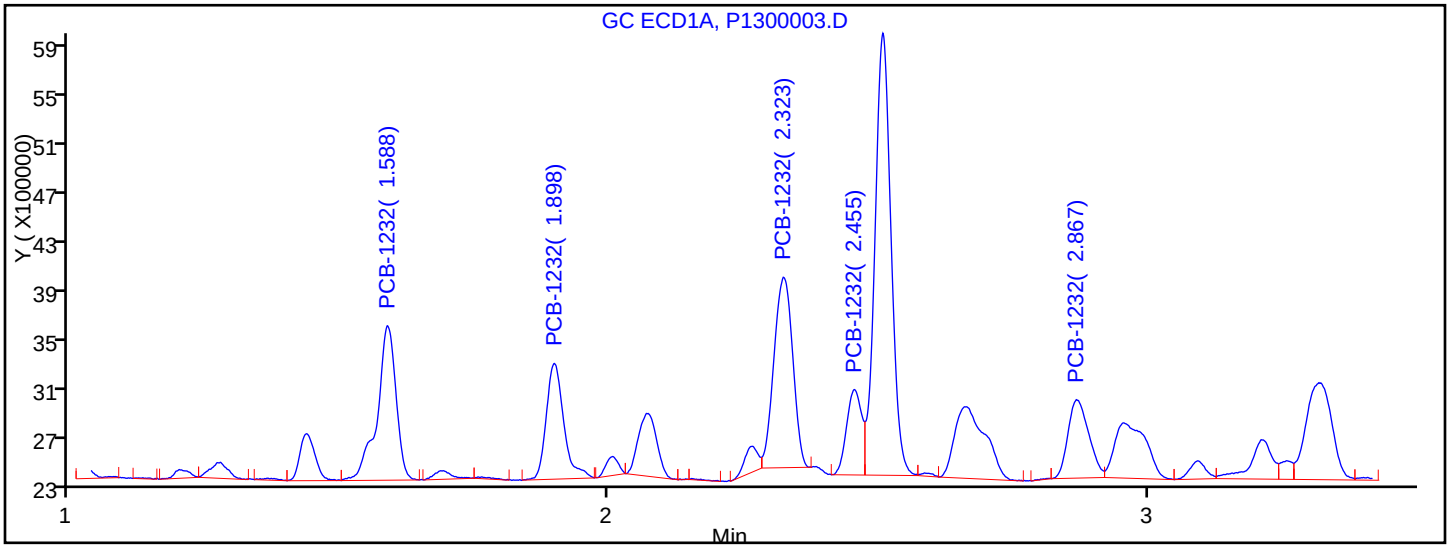
Report Date: 22-Oct-2012 09:18:48 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

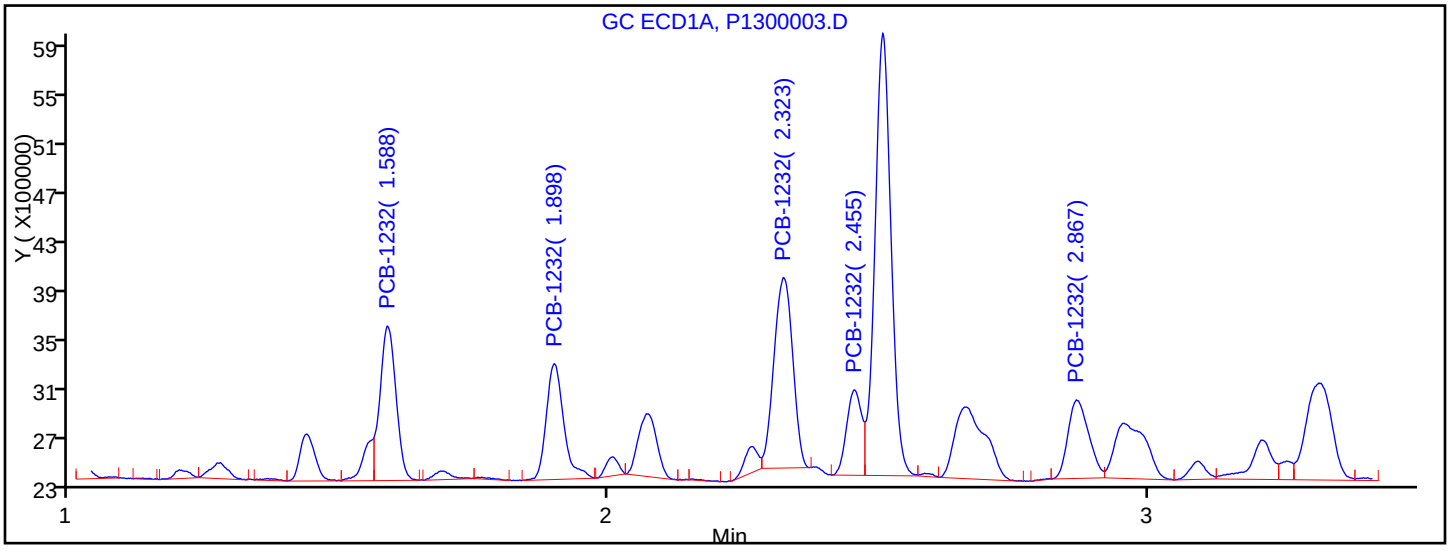
Injection Date:	21-Oct-2012 16:53:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

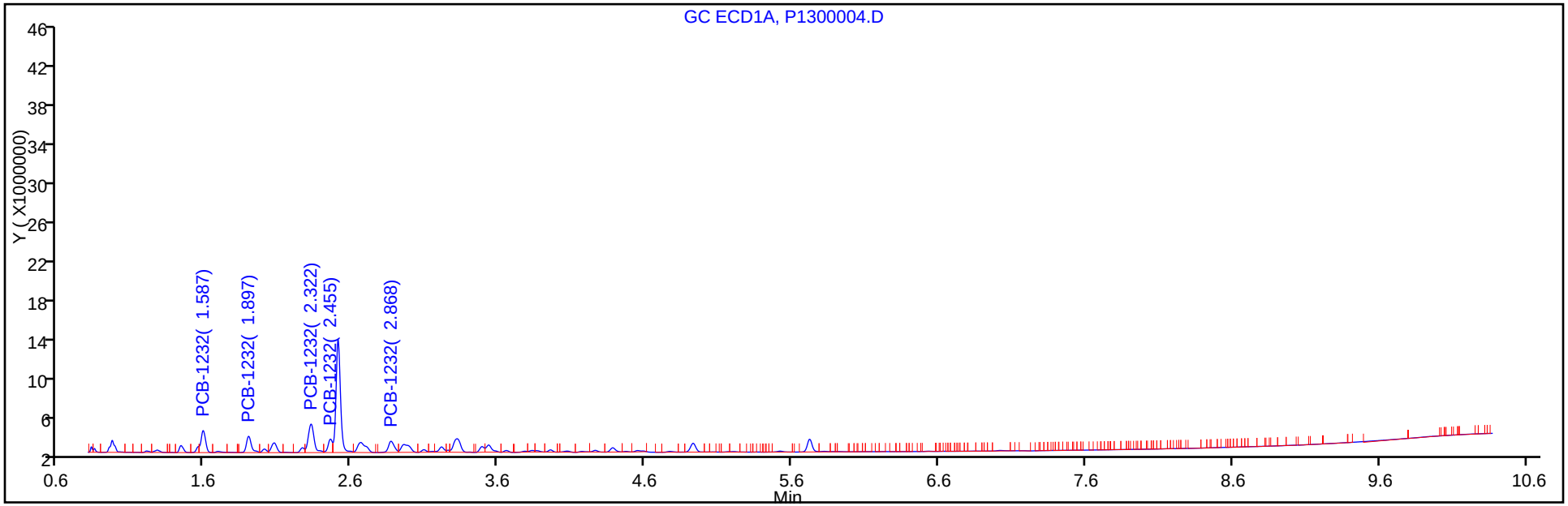
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

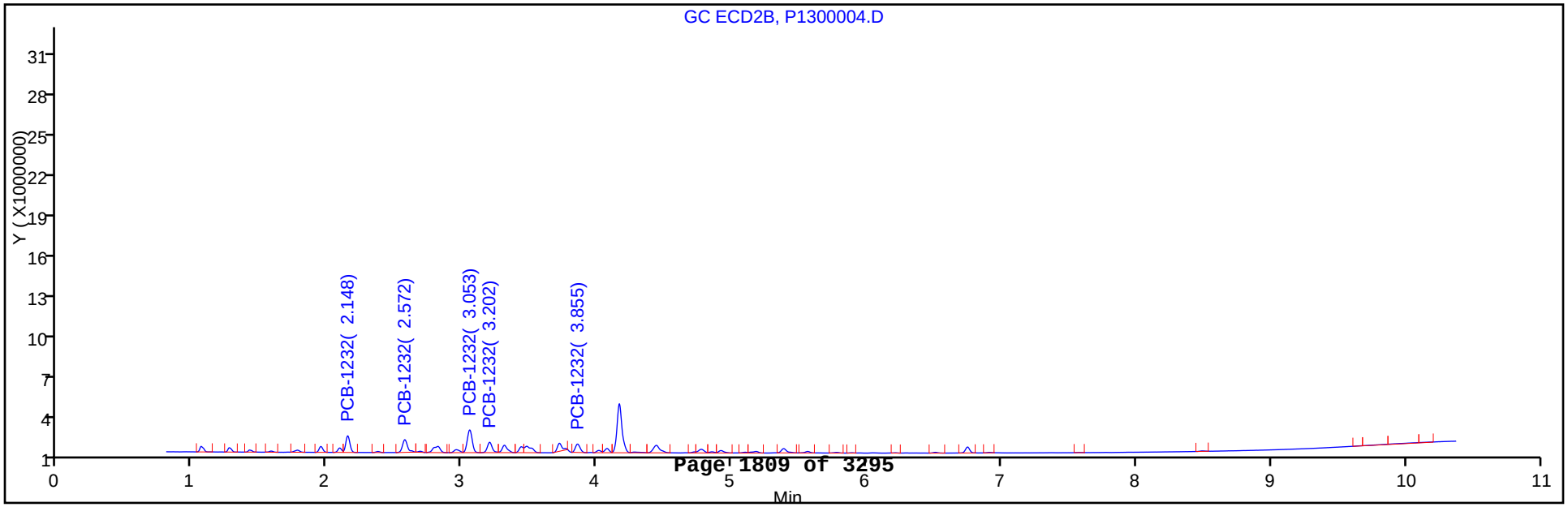
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



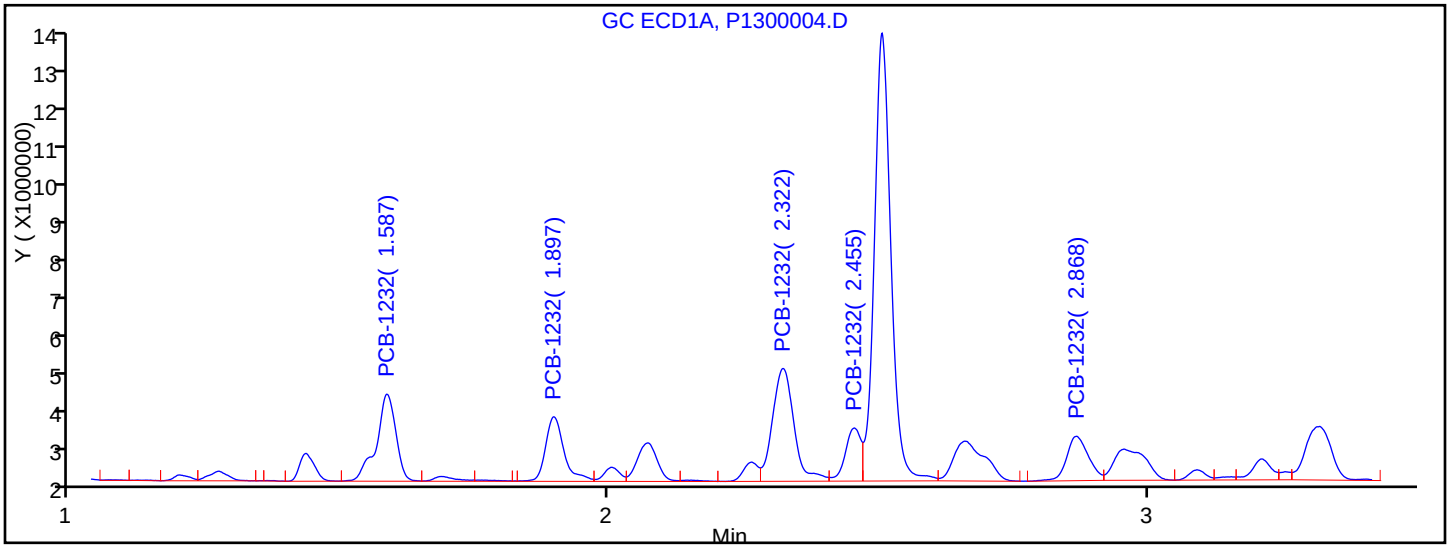
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

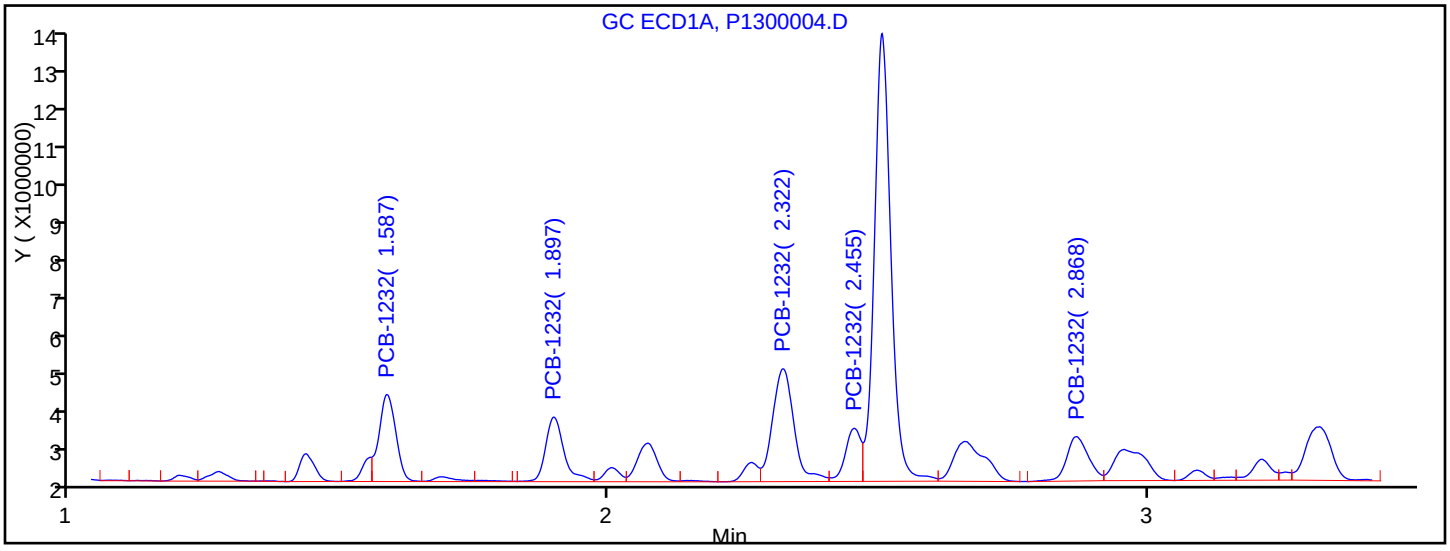
Injection Date:	21-Oct-2012 17:08:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

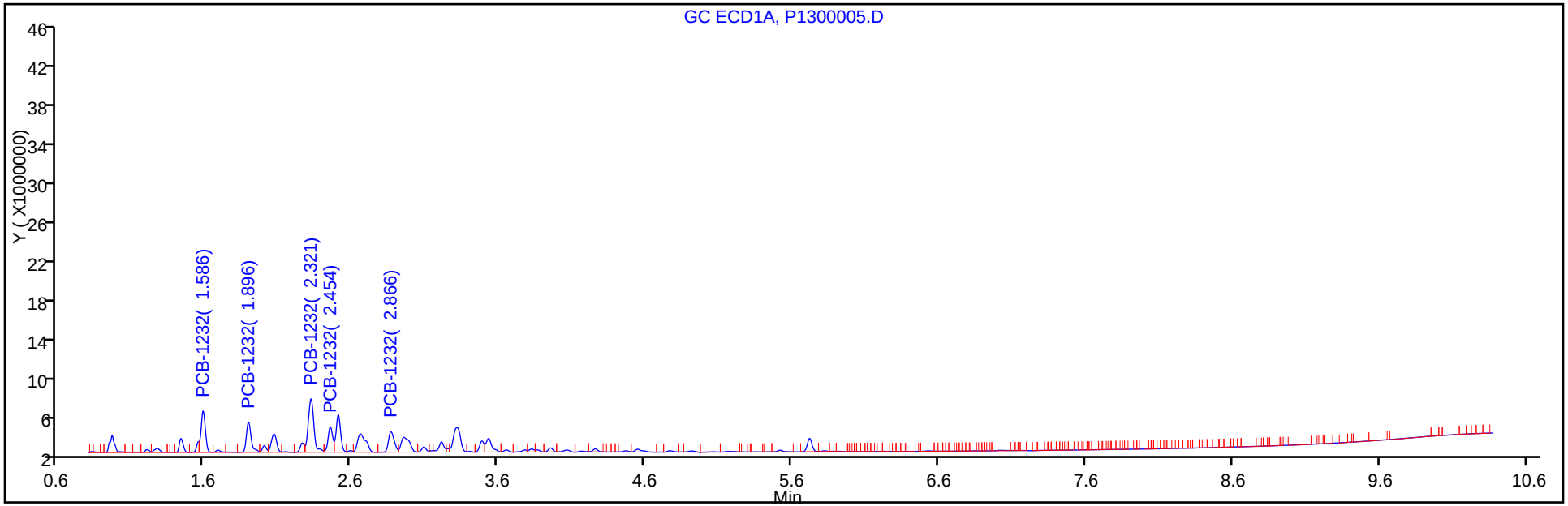
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

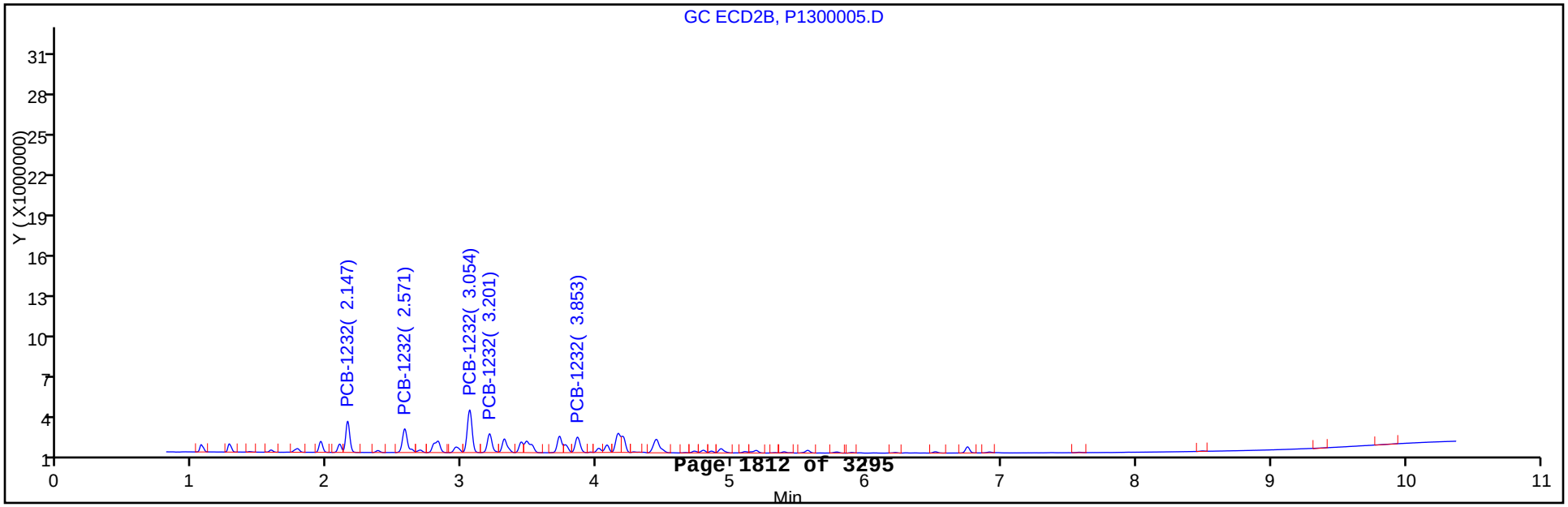
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



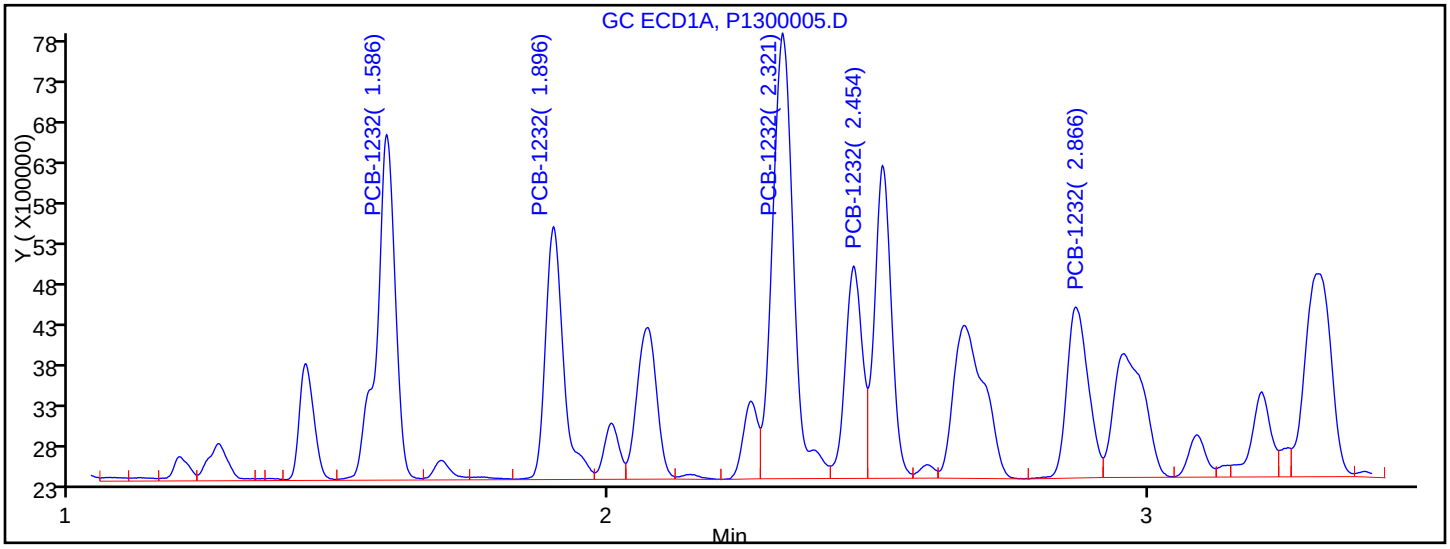
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

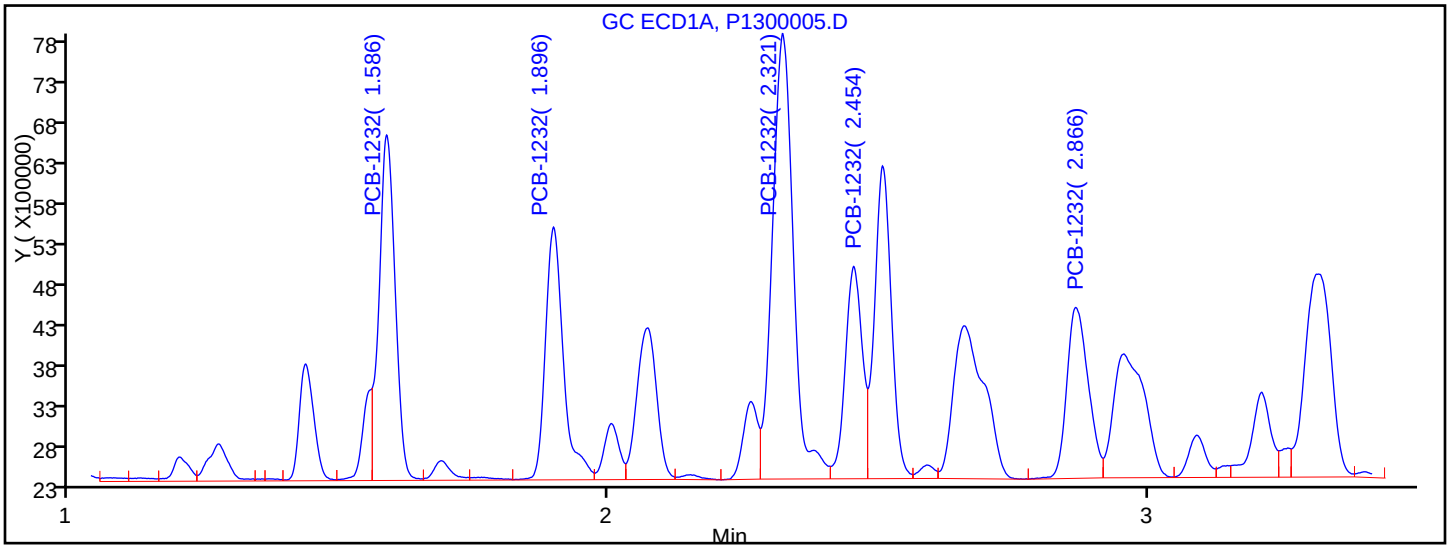
Injection Date:	21-Oct-2012 17:23:11	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

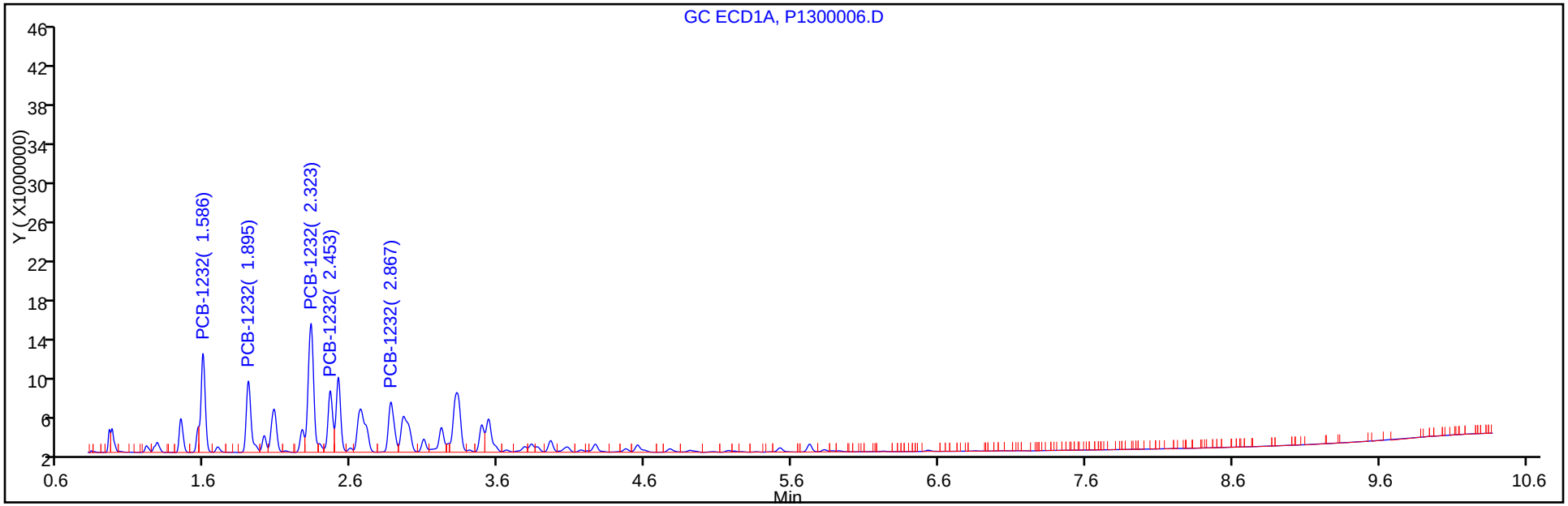
Report Date: 22-Oct-2012 09:18:43 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

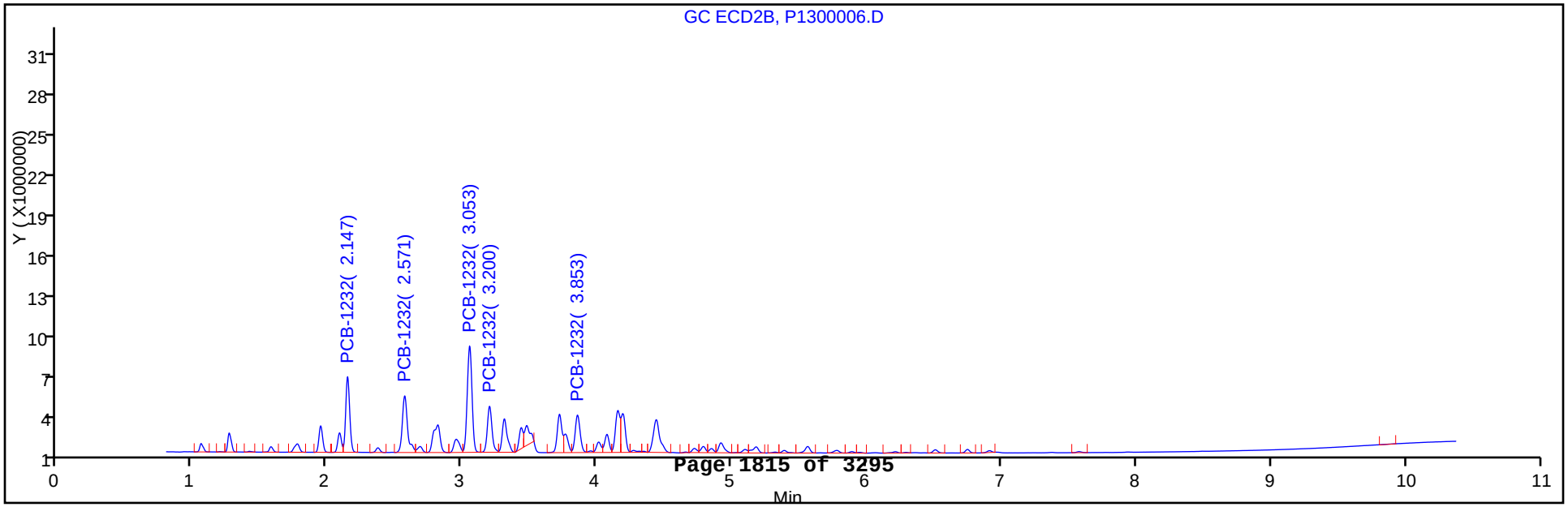
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



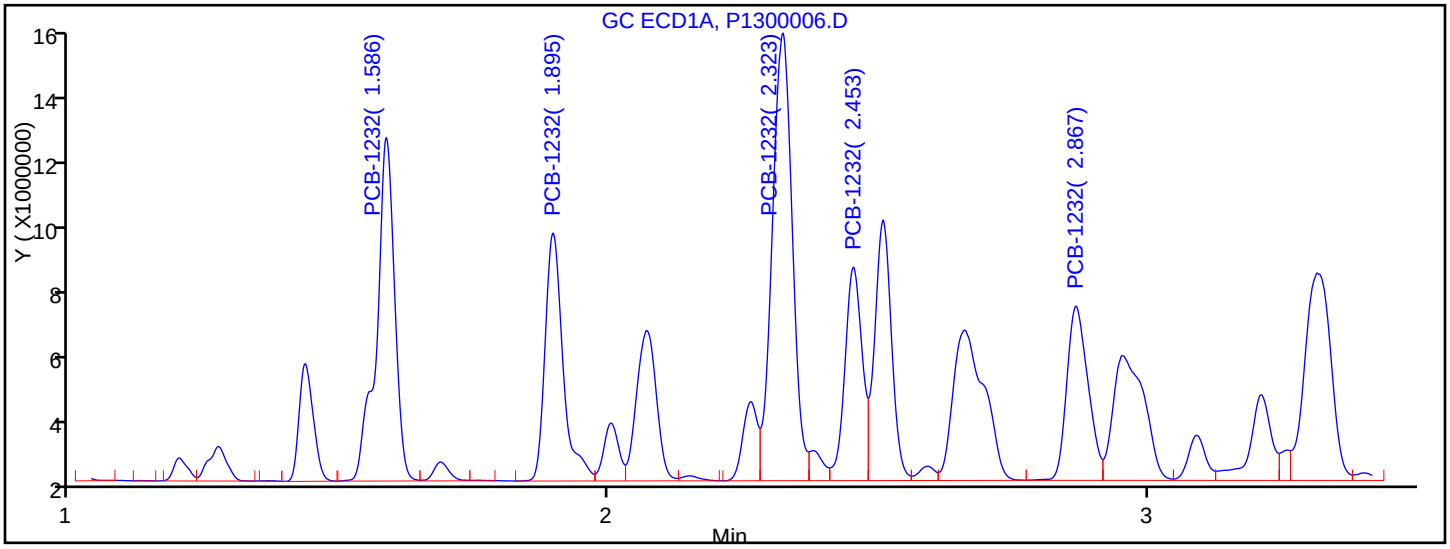
Report Date: 22-Oct-2012 09:18:44 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

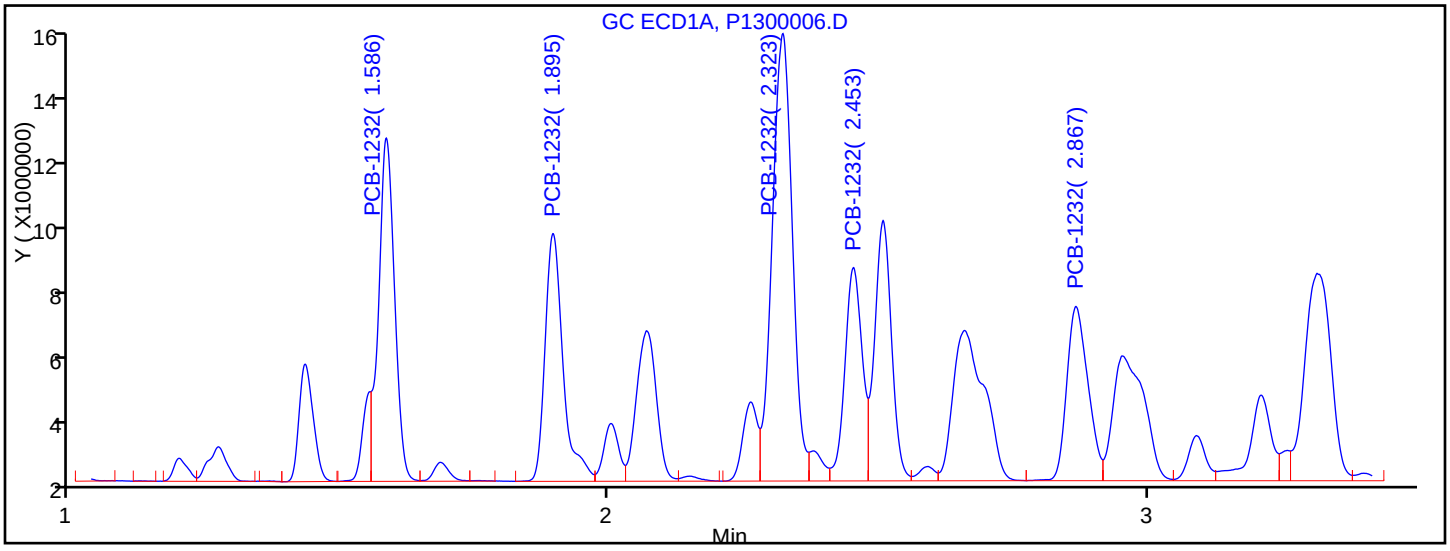
Injection Date:	21-Oct-2012 17:38:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

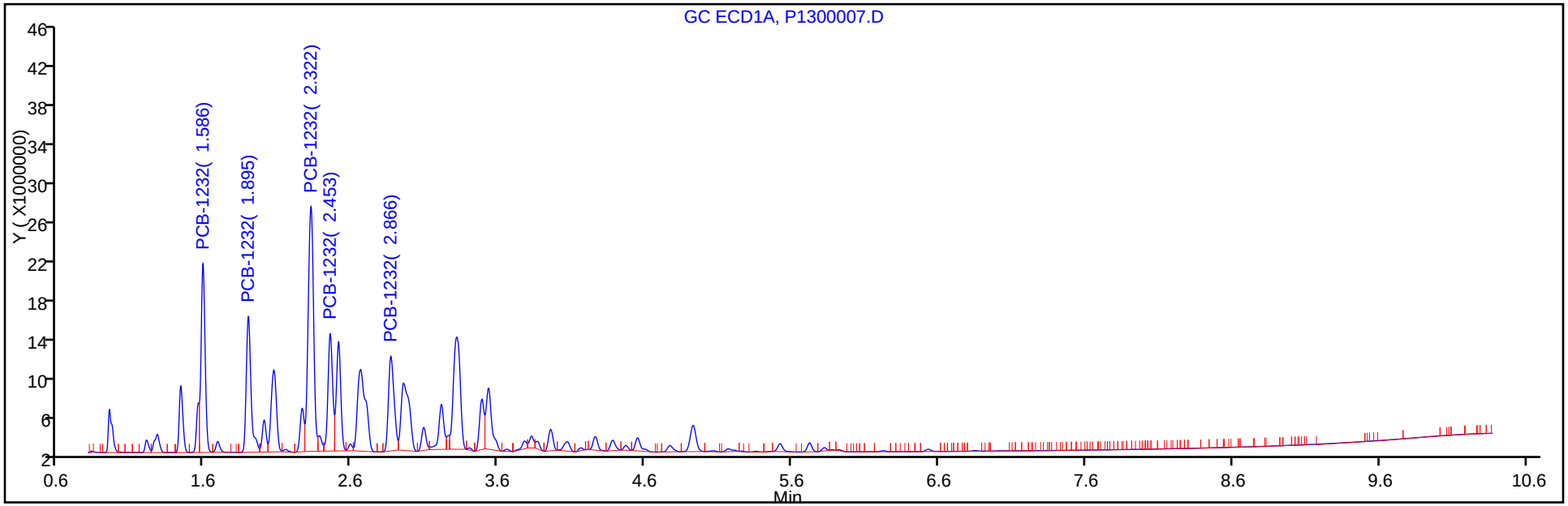
Report Date: 22-Oct-2012 09:18:42 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

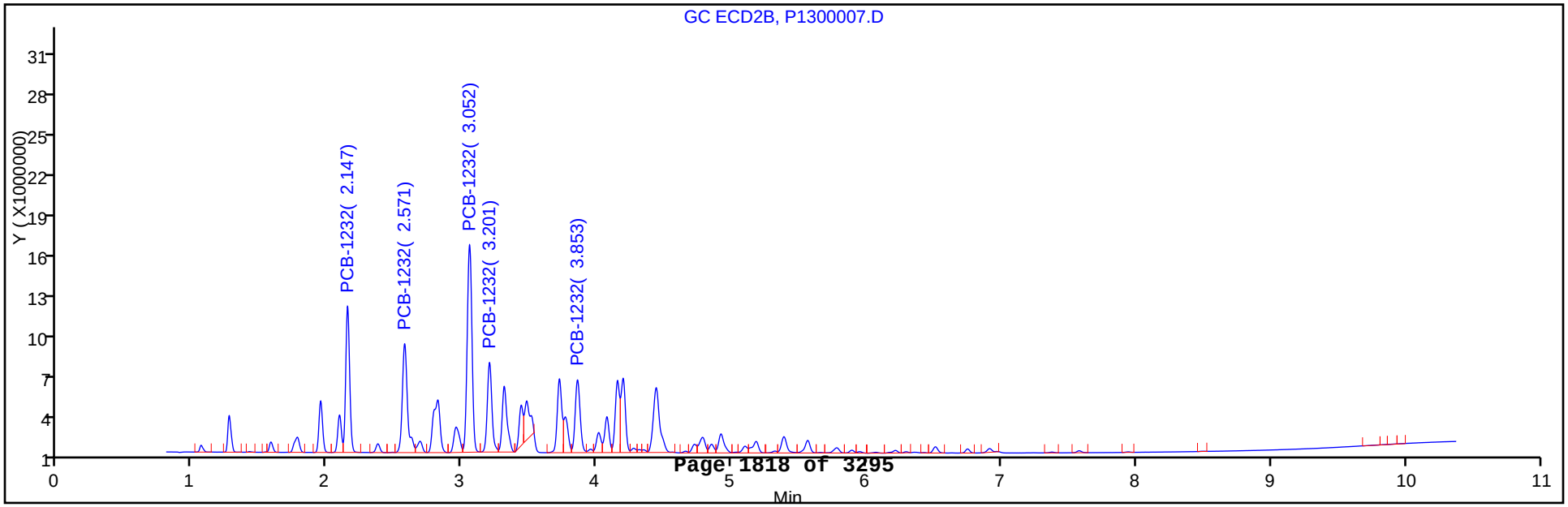
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

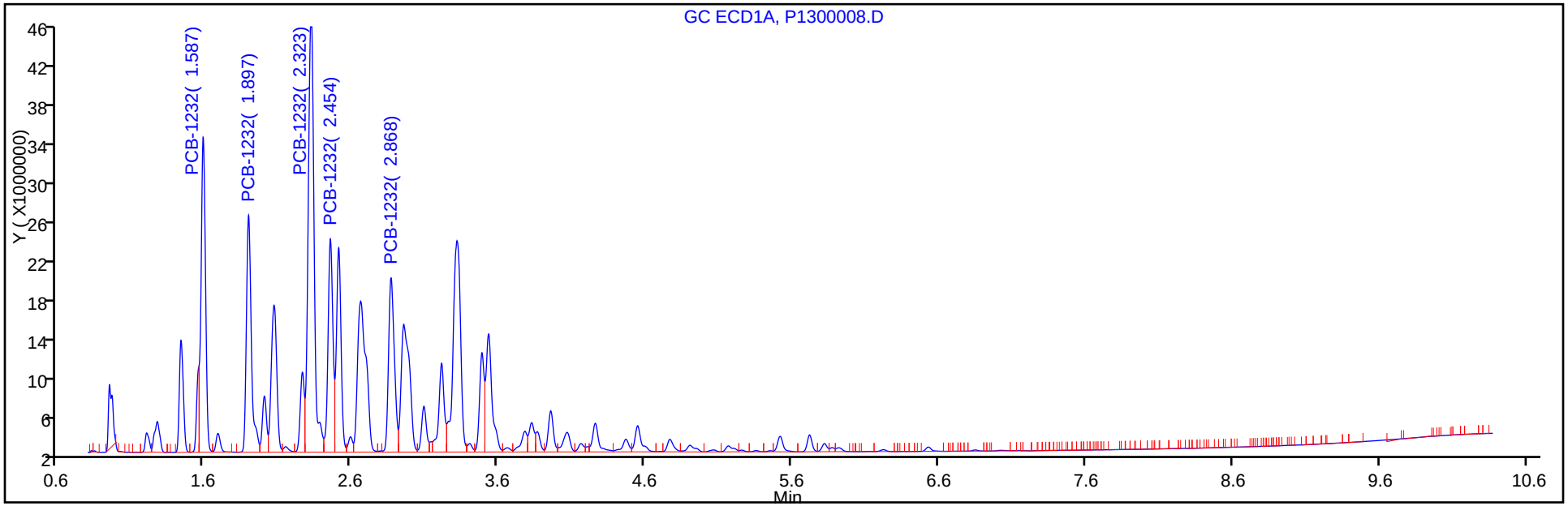
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

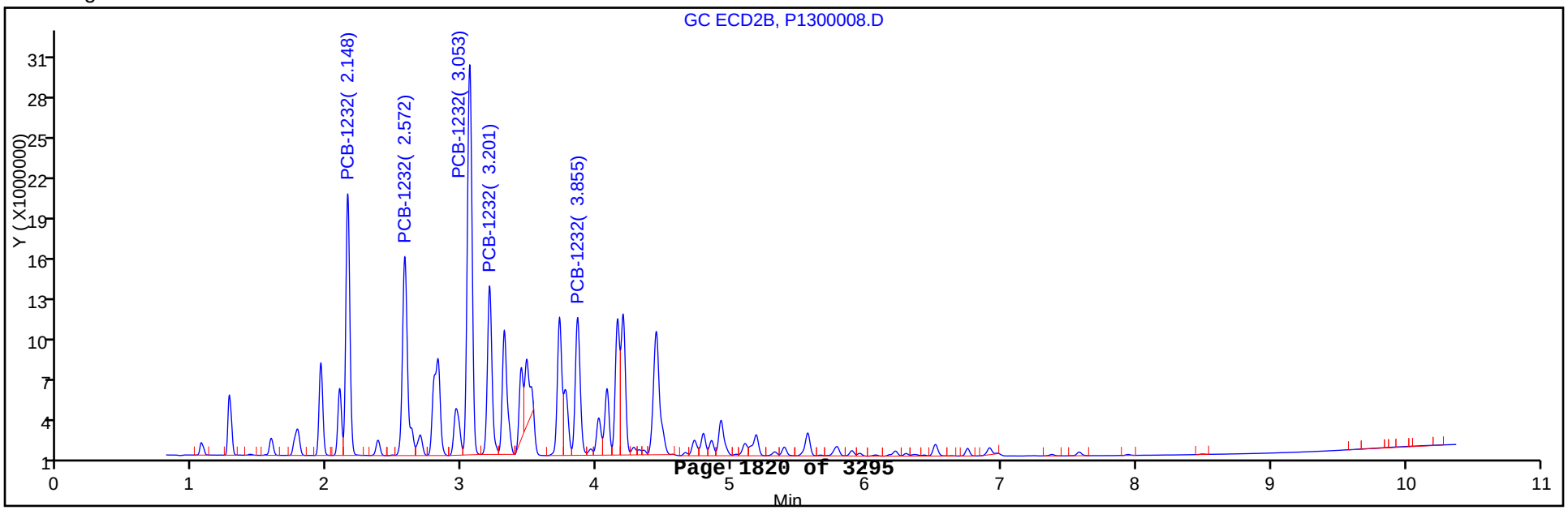
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



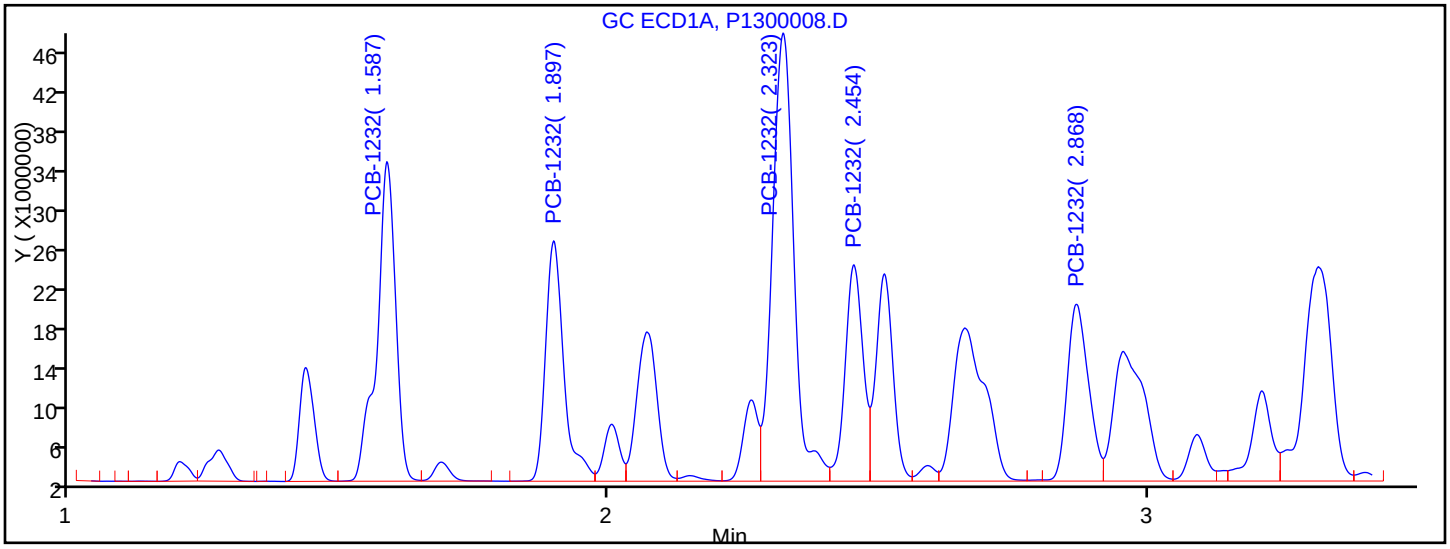
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

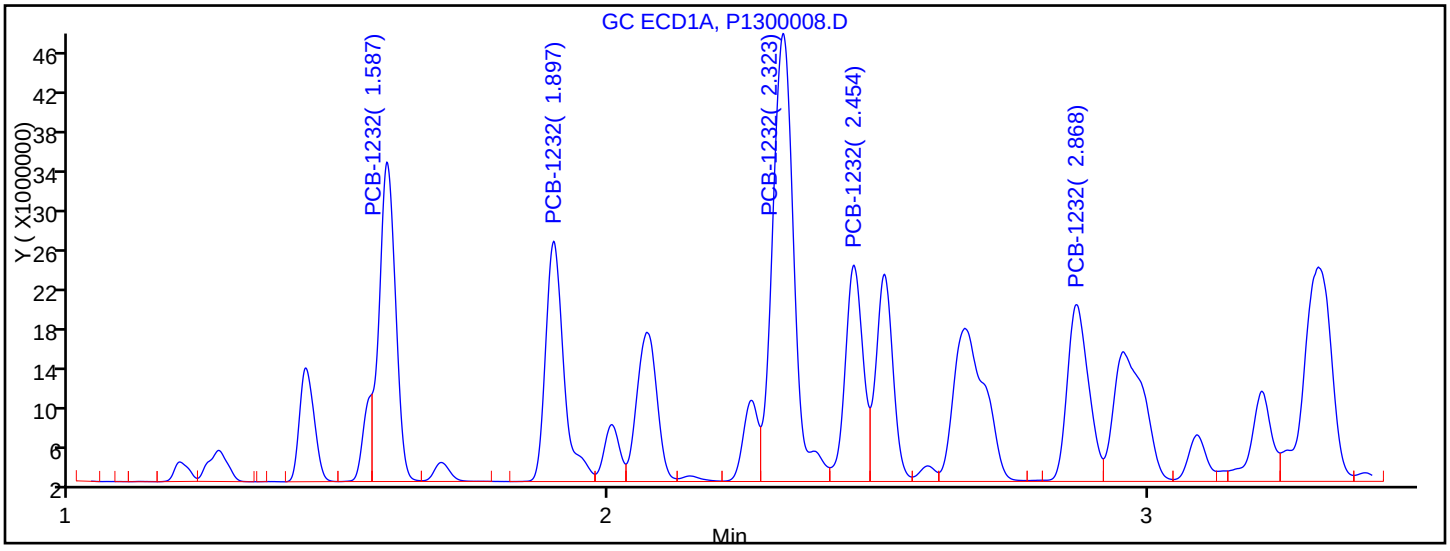
Injection Date:	21-Oct-2012 18:07:54	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

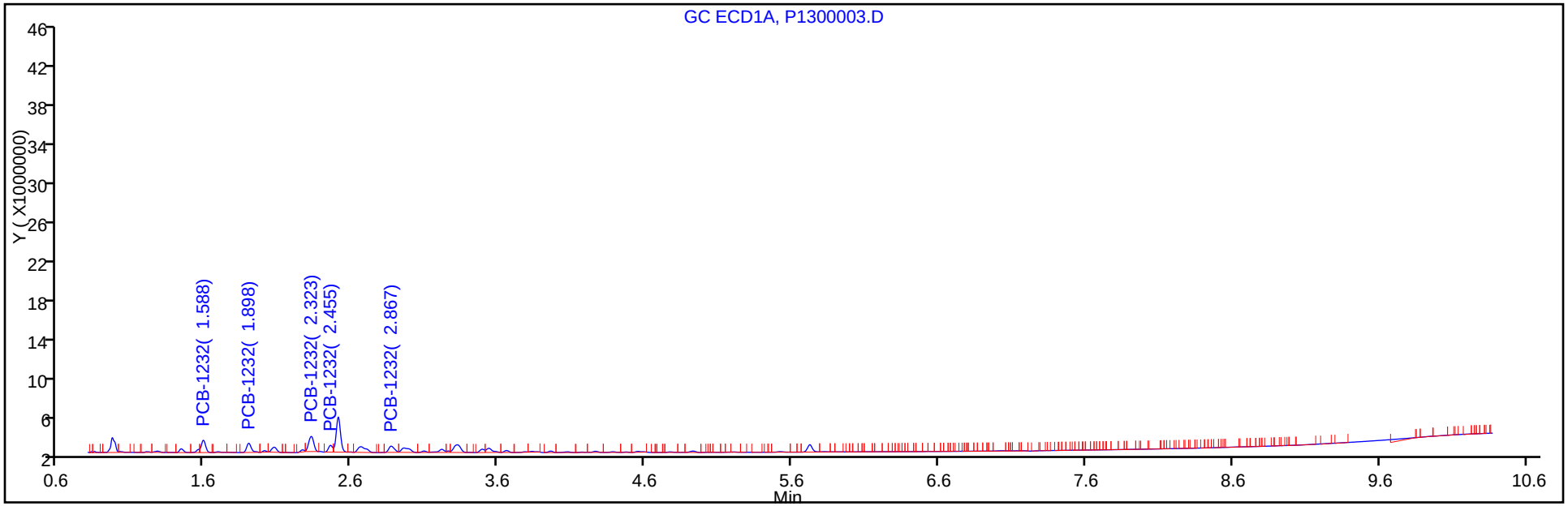
Report Date: 22-Oct-2012 09:18:49 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

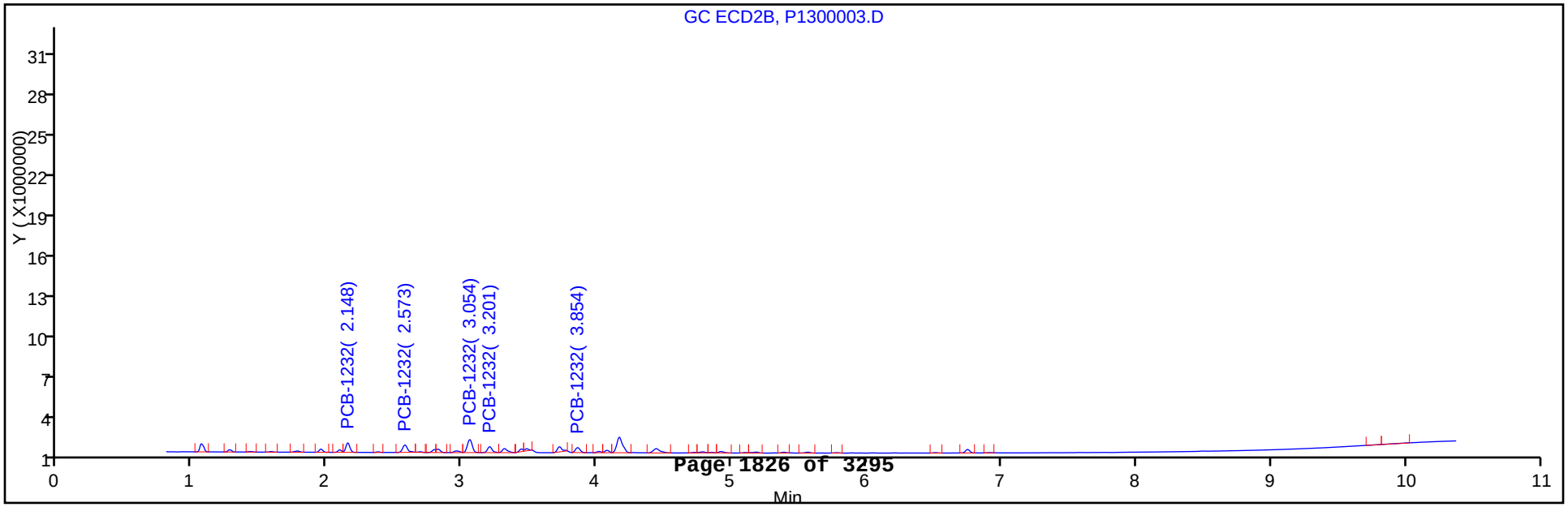
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300003.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

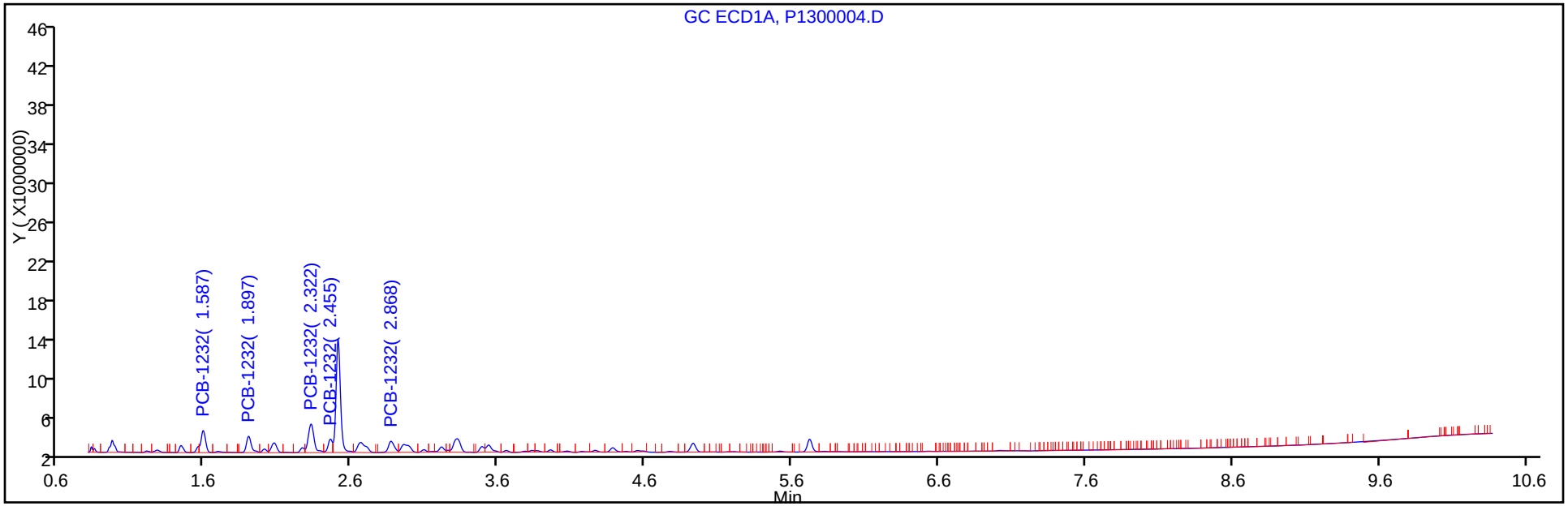
Report Date: 22-Oct-2012 09:18:47 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

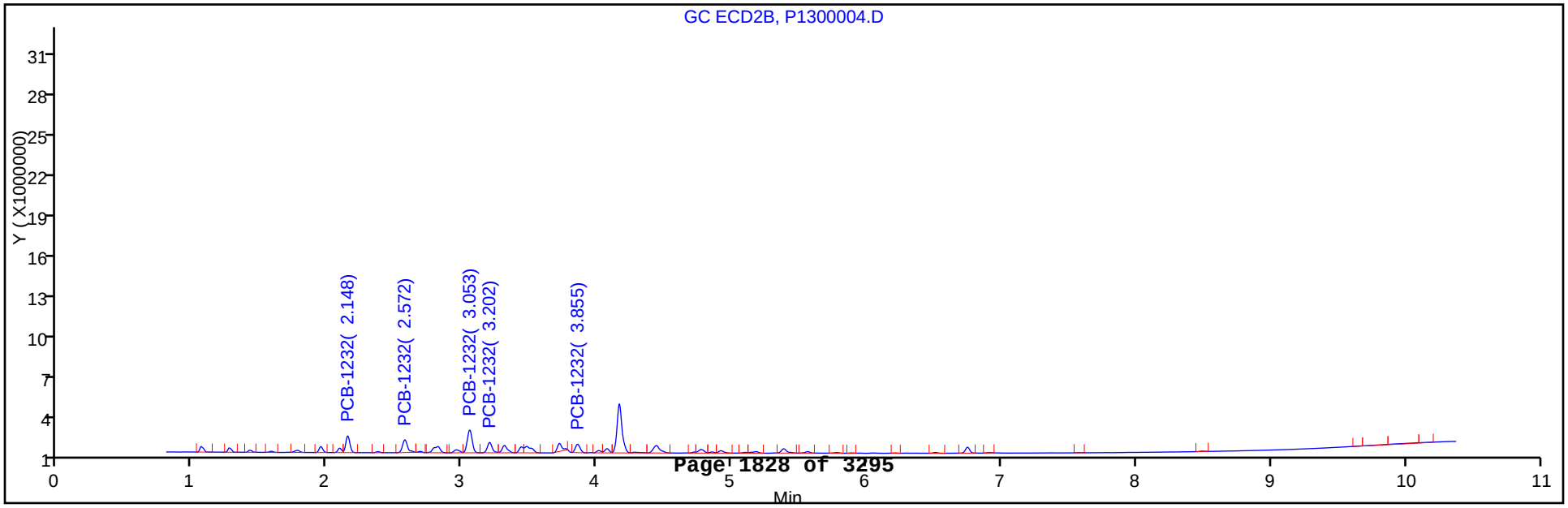
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300004.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

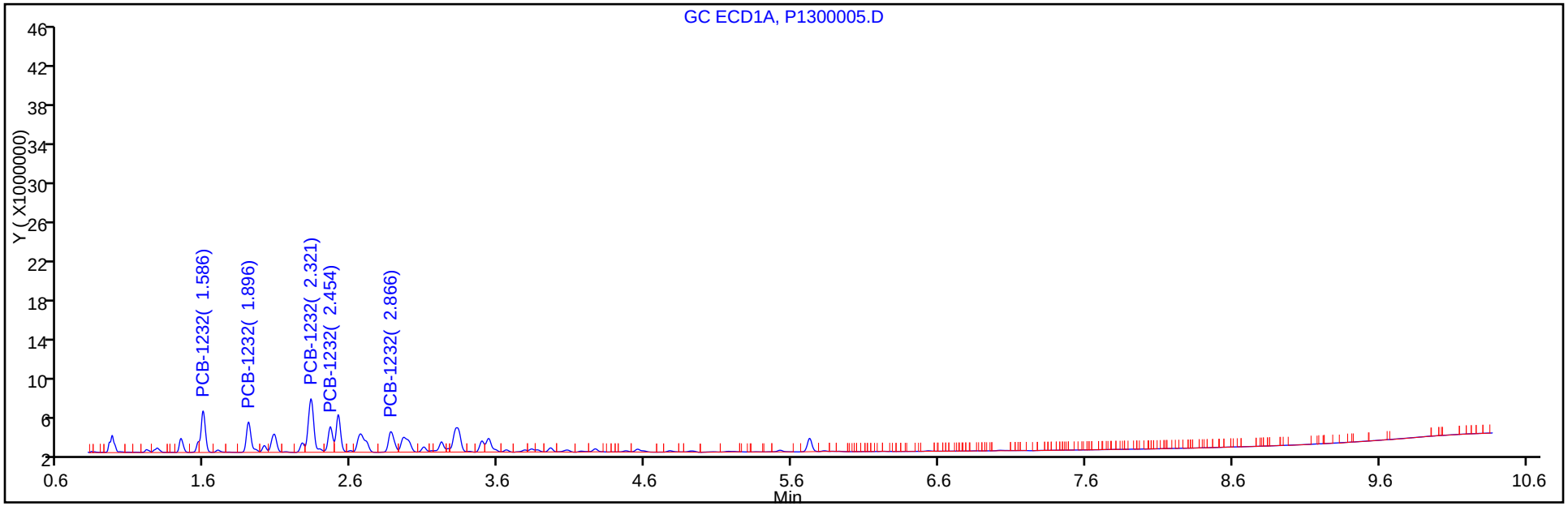
Report Date: 22-Oct-2012 09:18:45 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

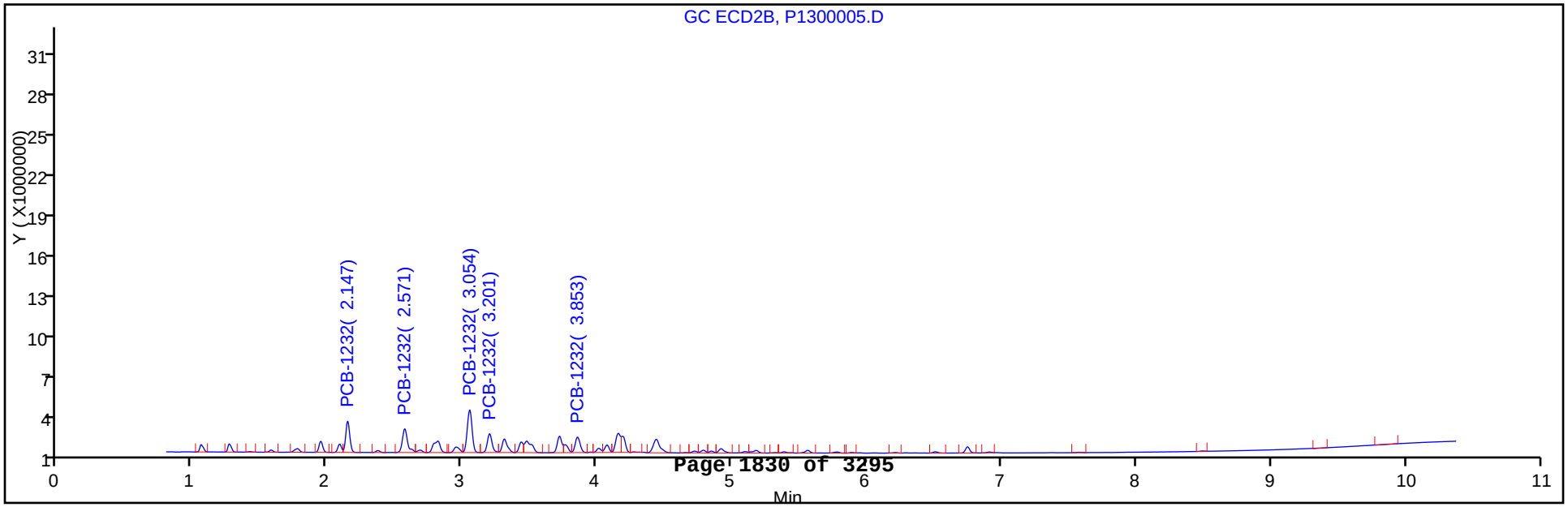
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300005.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

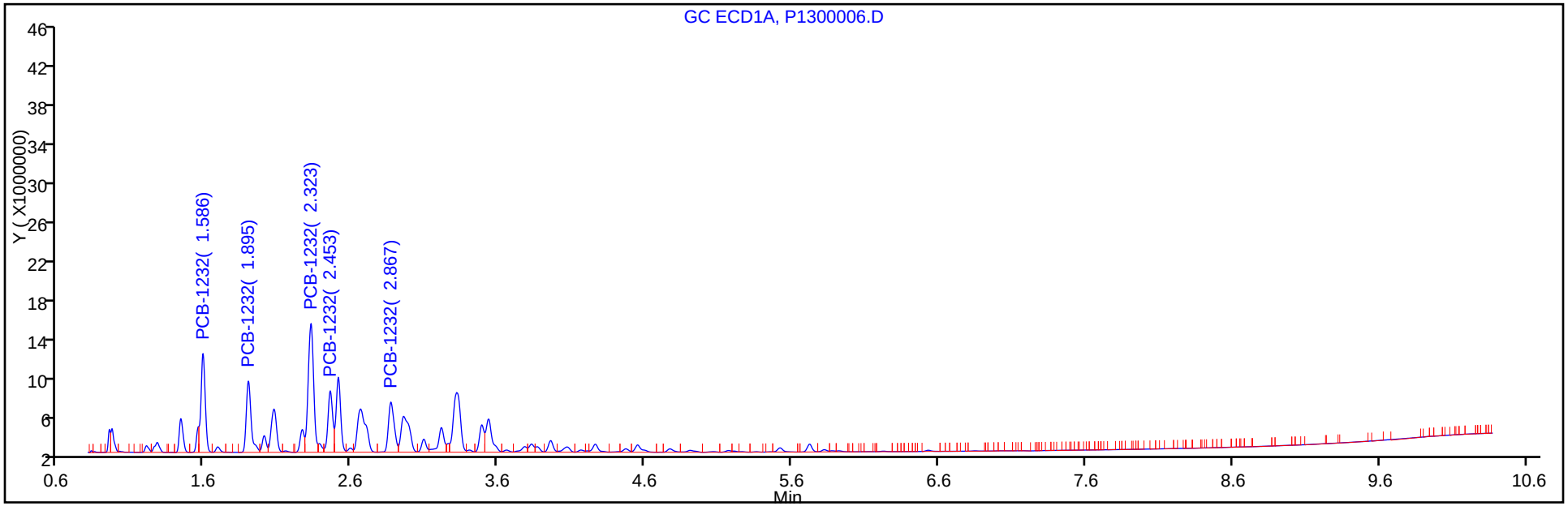
Report Date: 22-Oct-2012 09:18:44 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

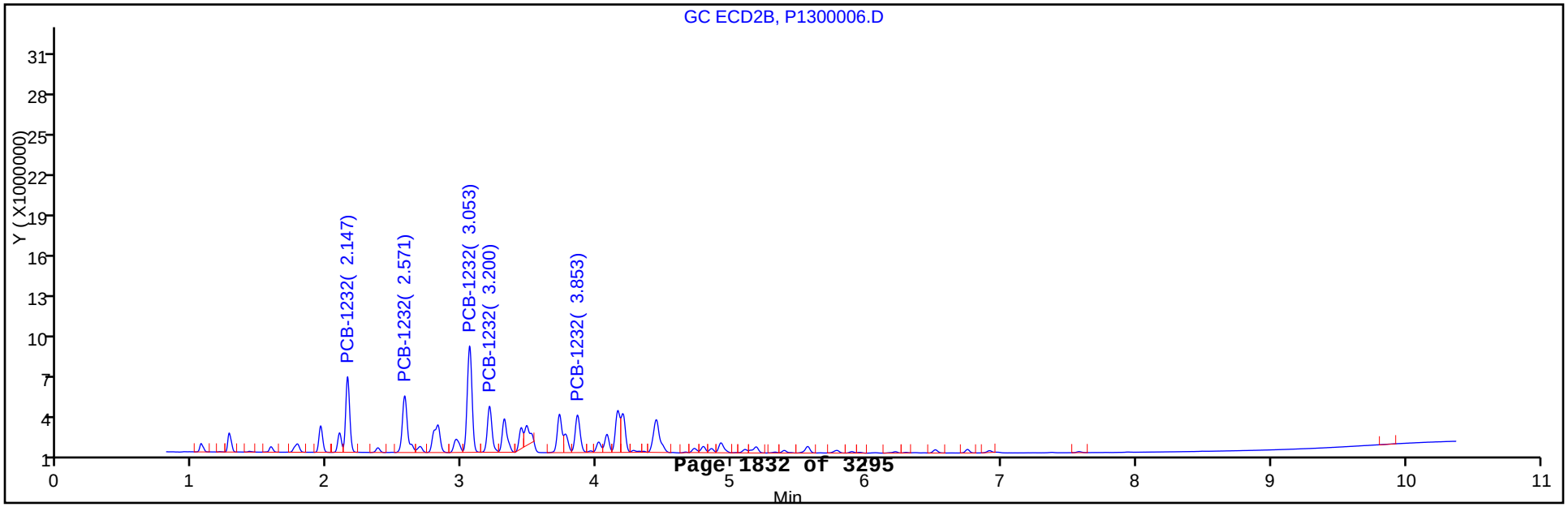
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300006.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

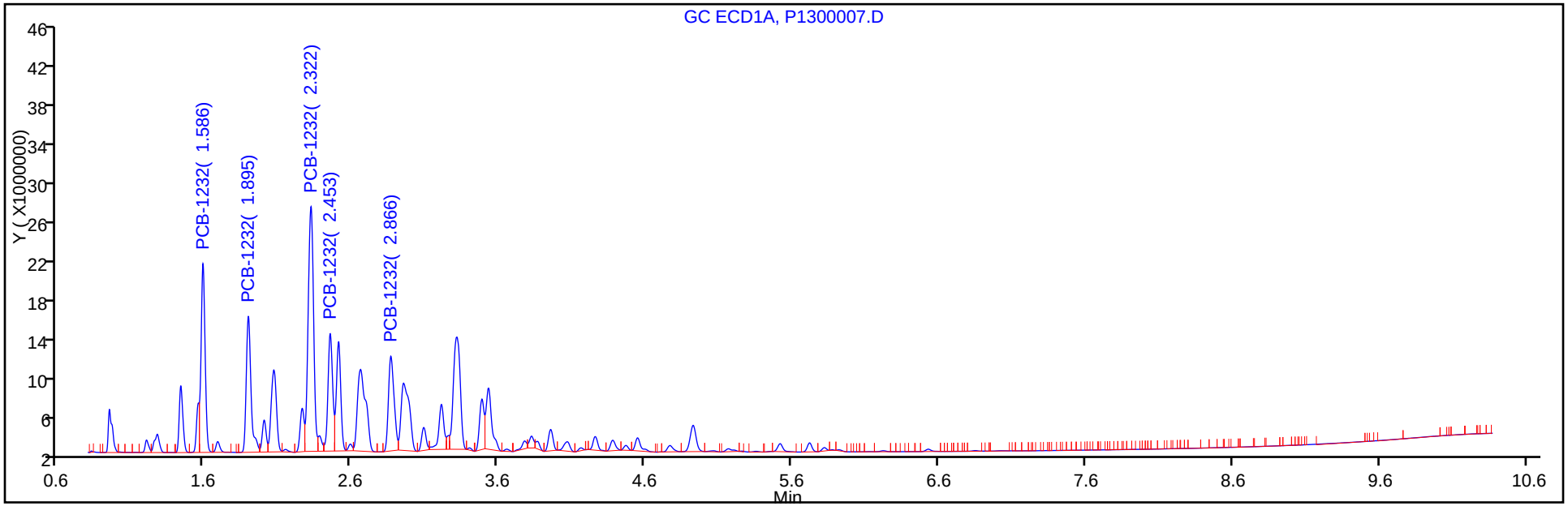
Report Date: 22-Oct-2012 09:18:42 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

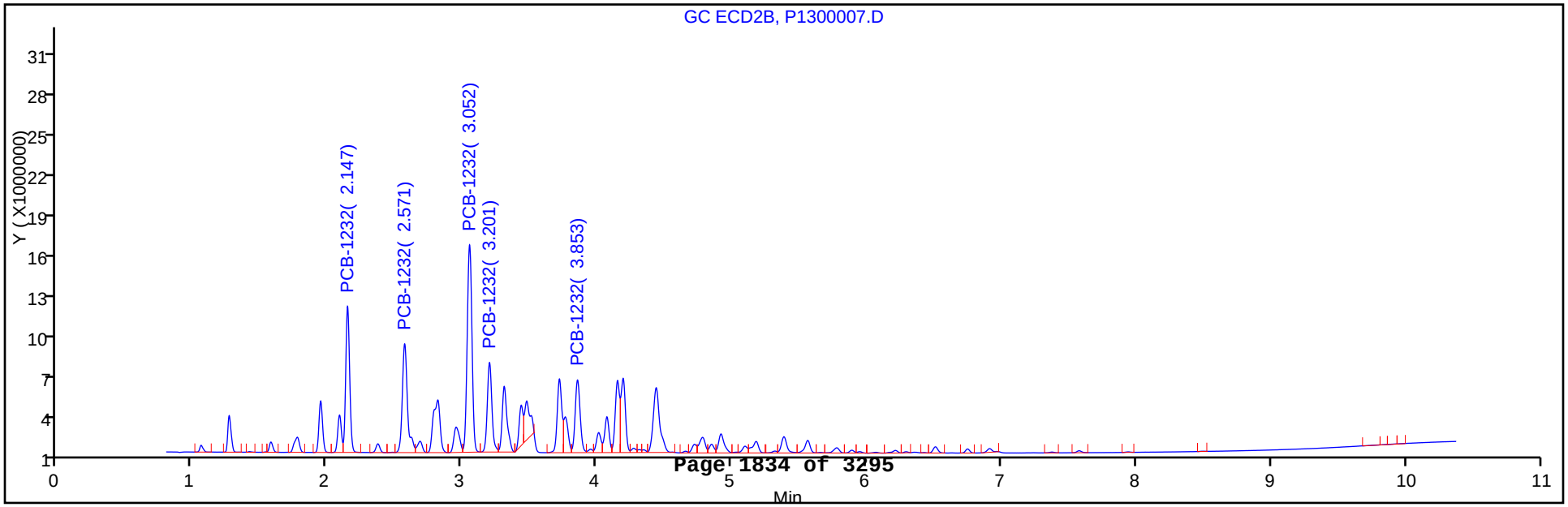
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300007.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

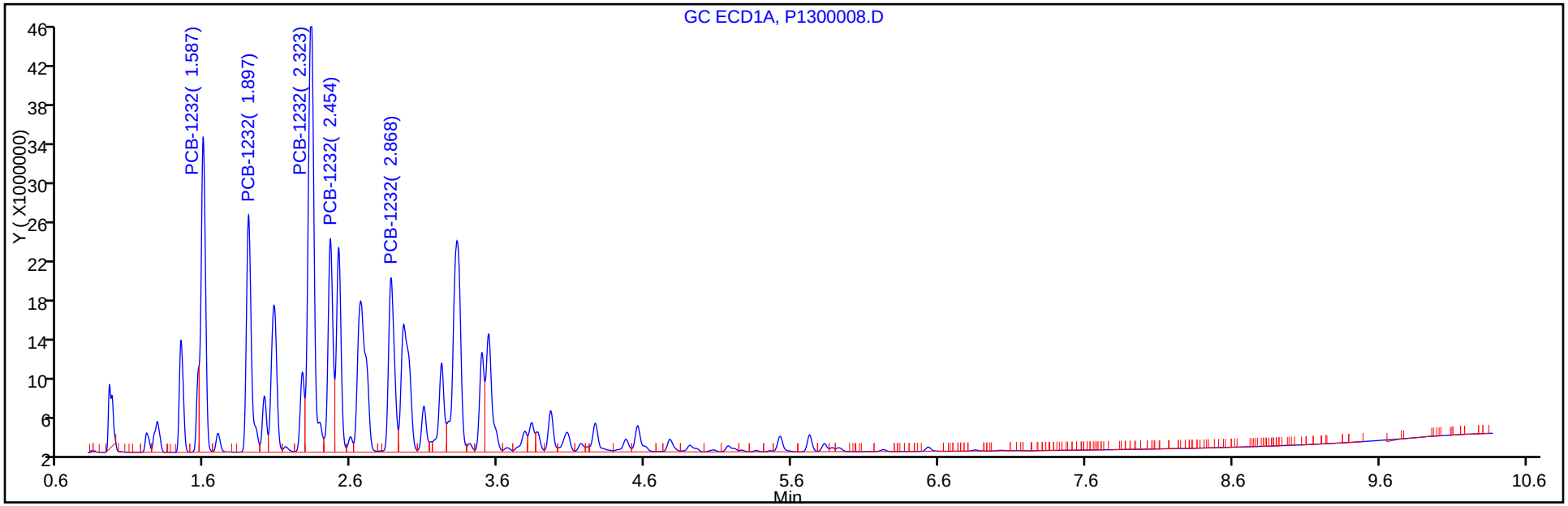
Report Date: 22-Oct-2012 09:18:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

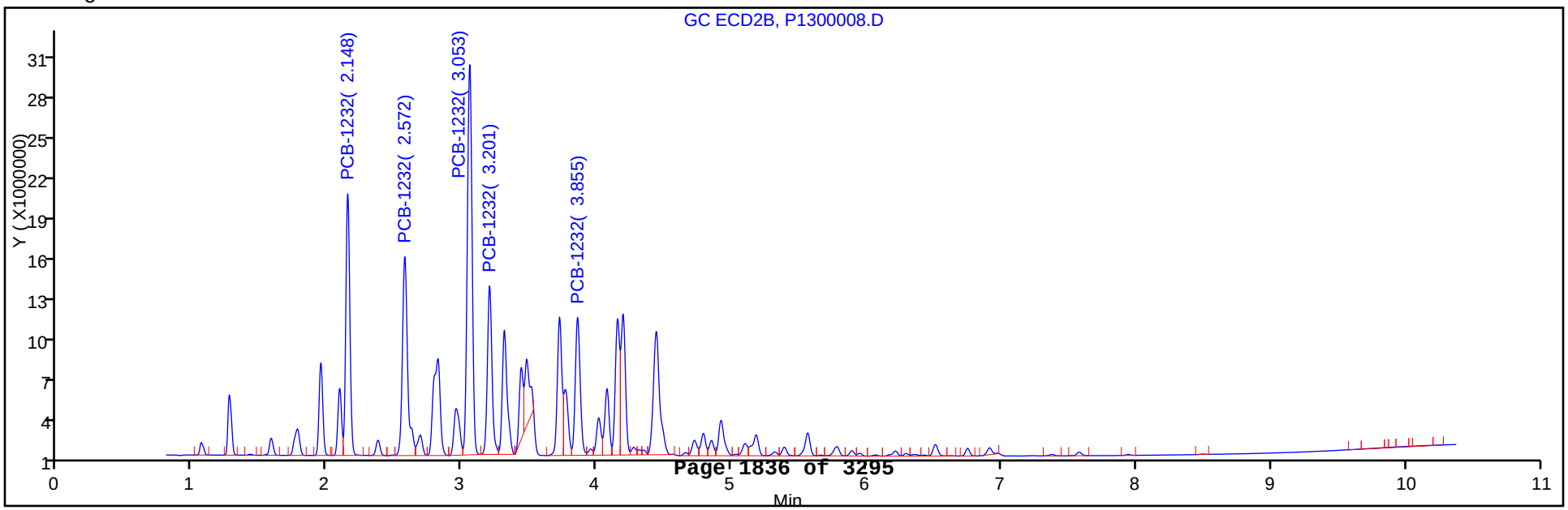
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300008.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

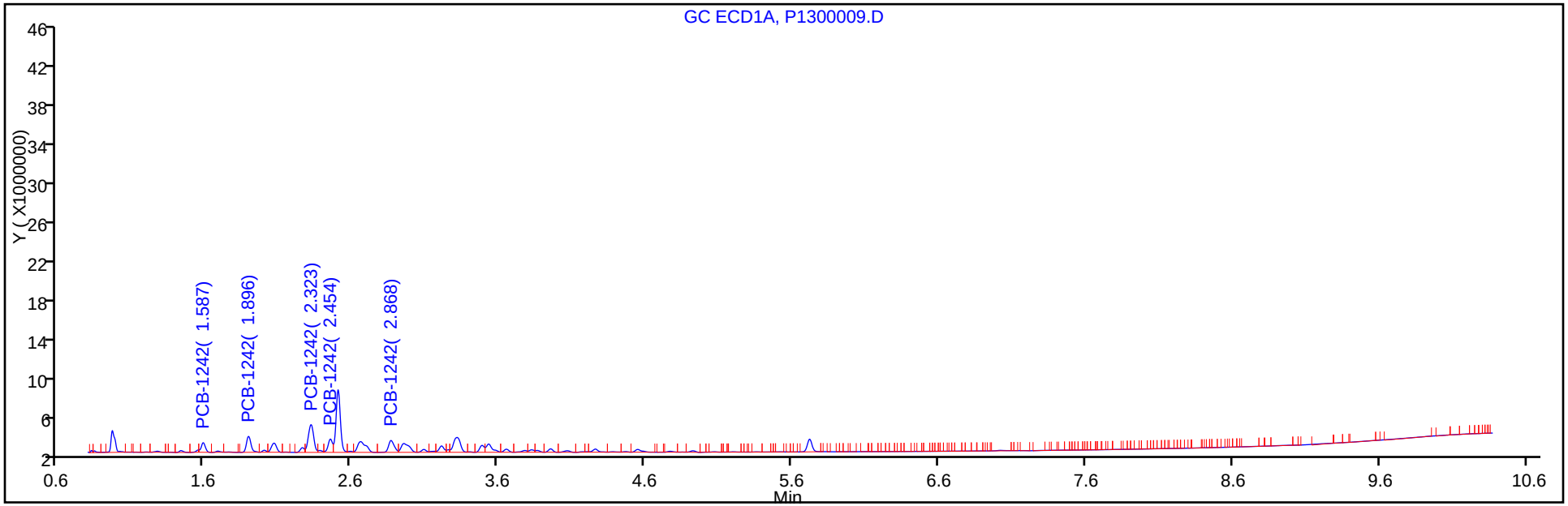
Report Date: 22-Oct-2012 09:18:39 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

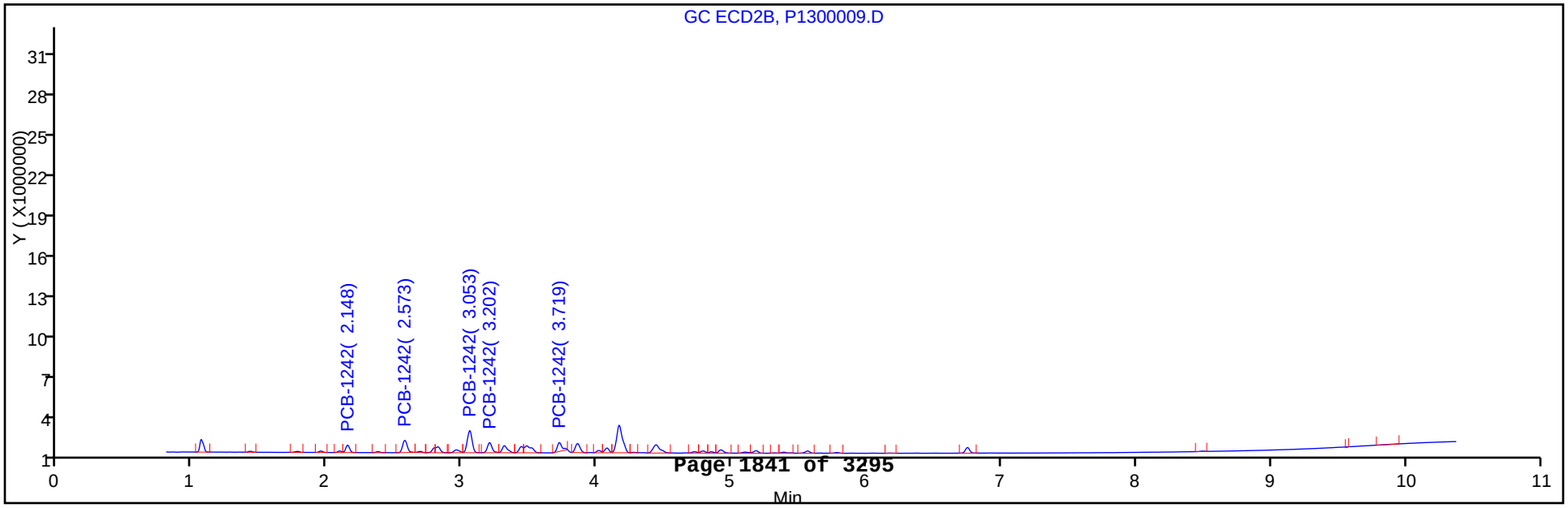
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

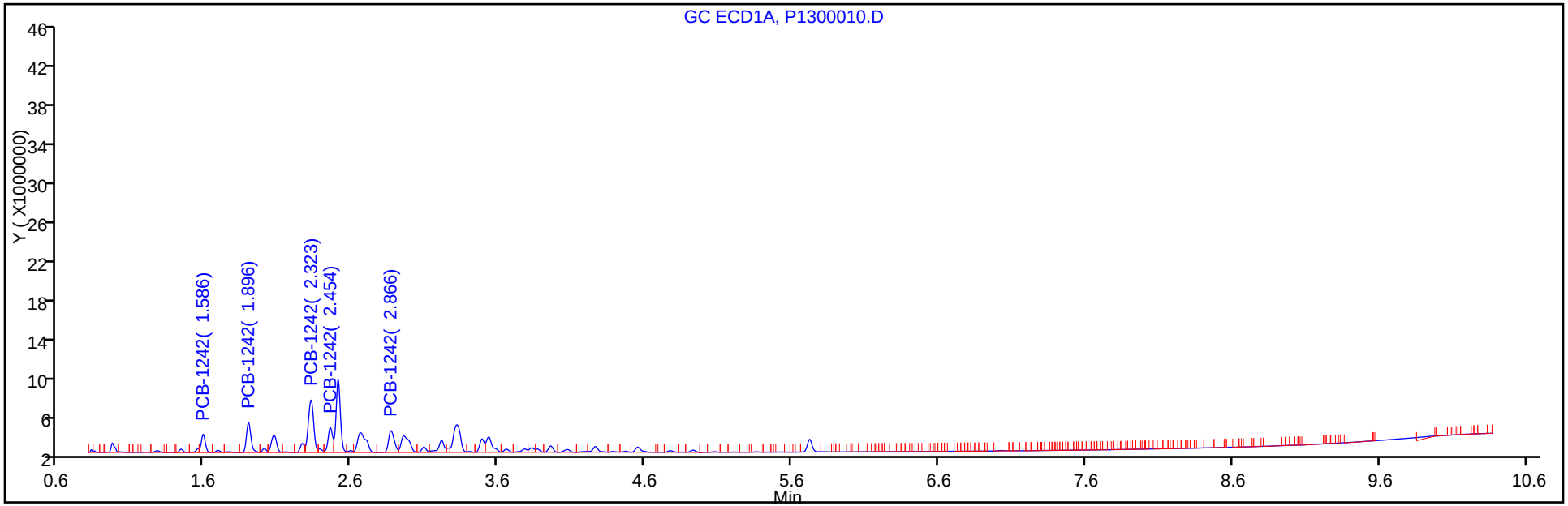
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

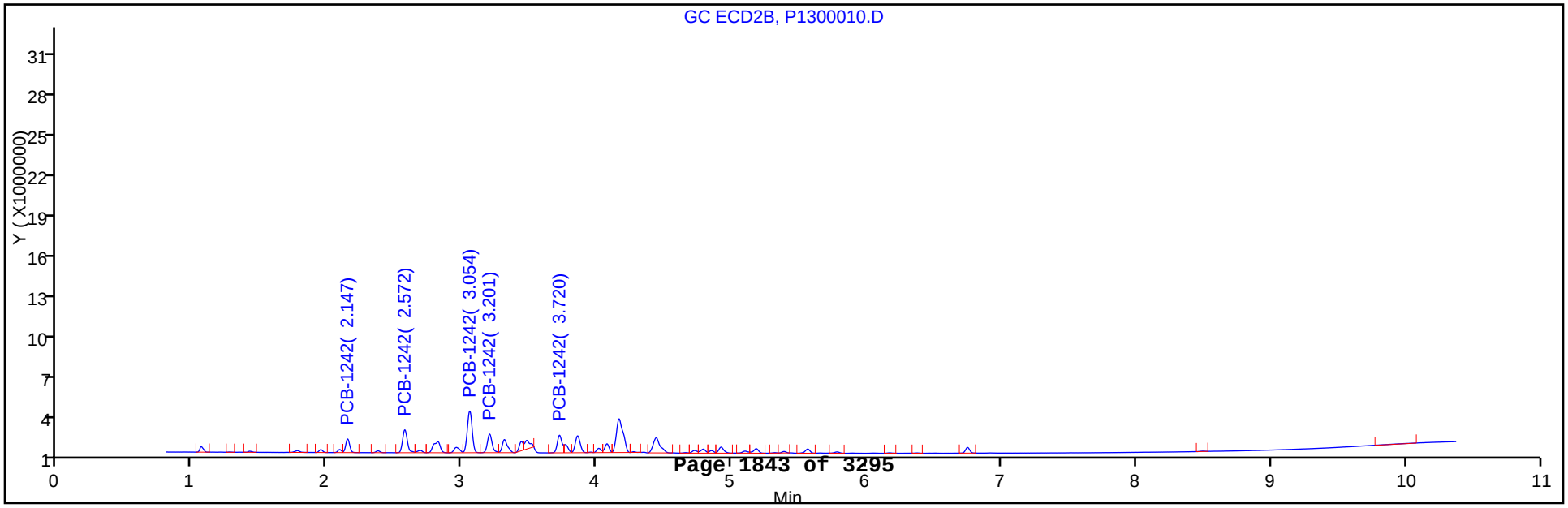
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



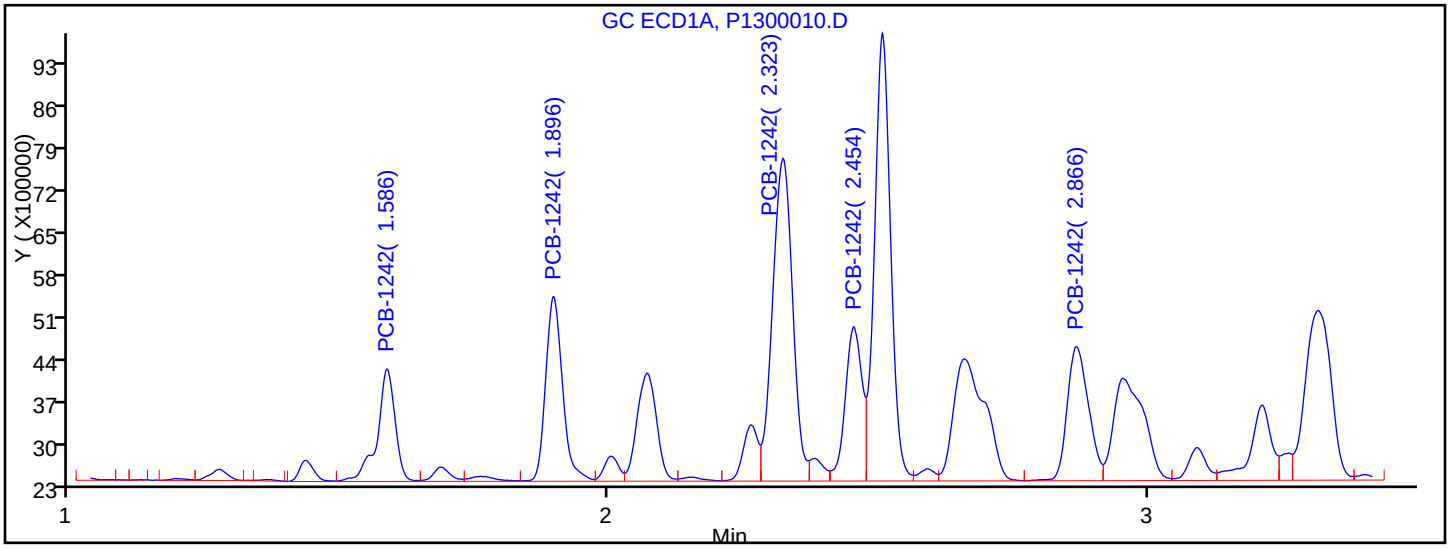
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

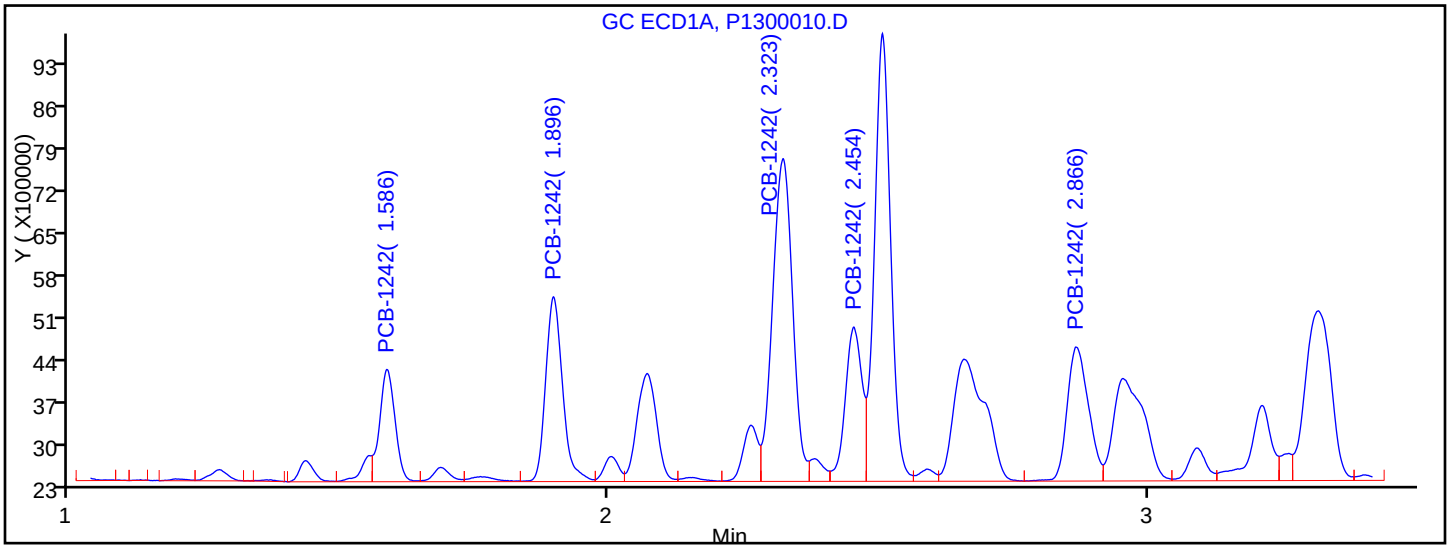
Injection Date:	21-Oct-2012 18:37:51	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

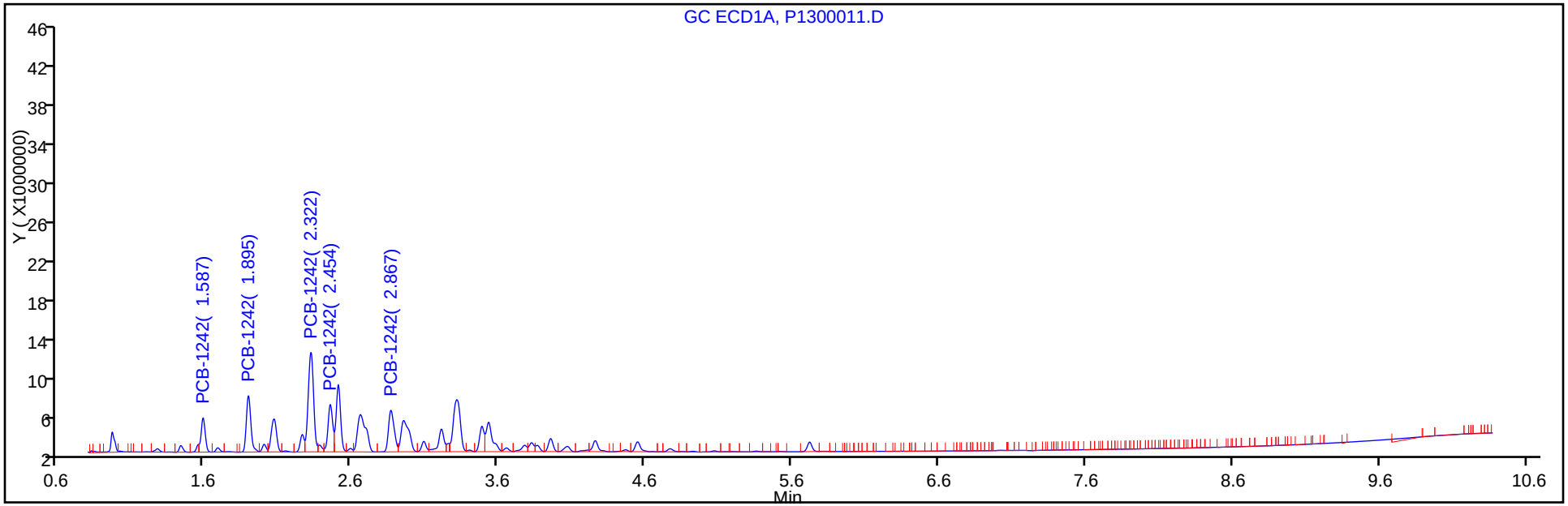
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

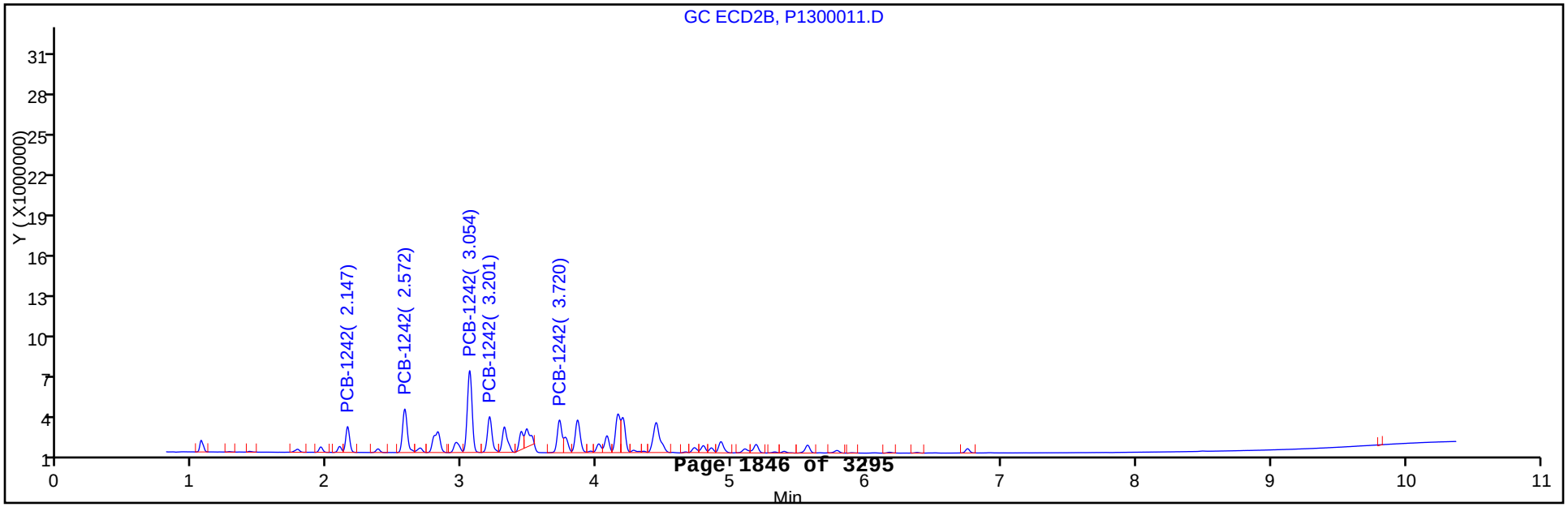
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



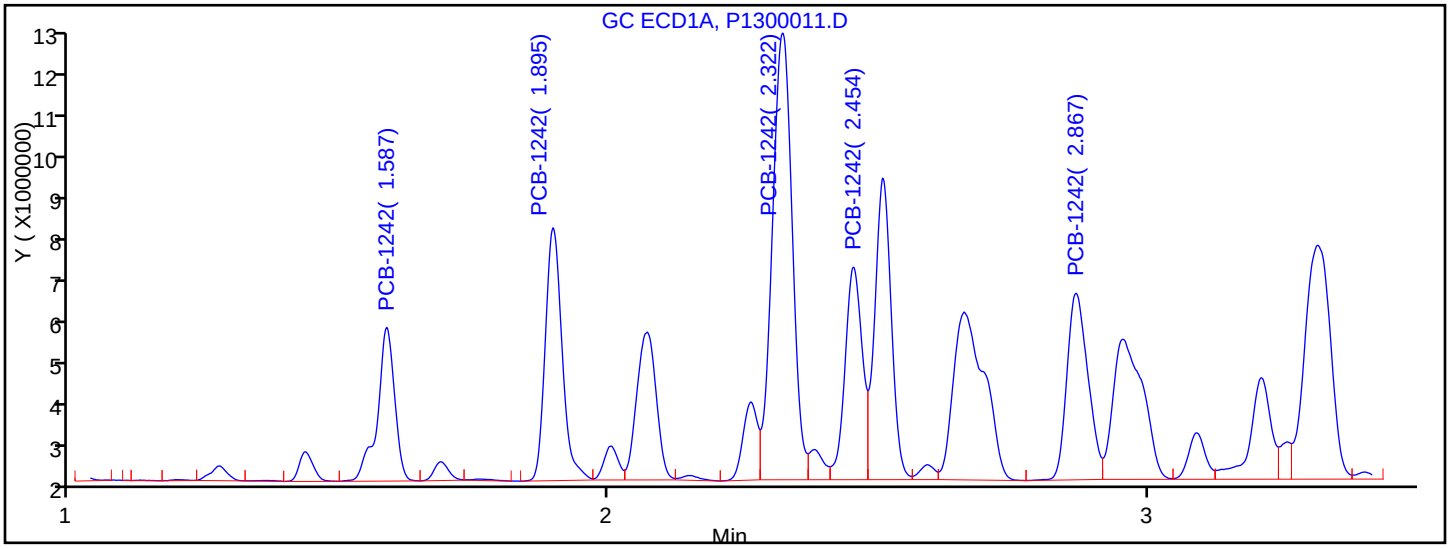
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

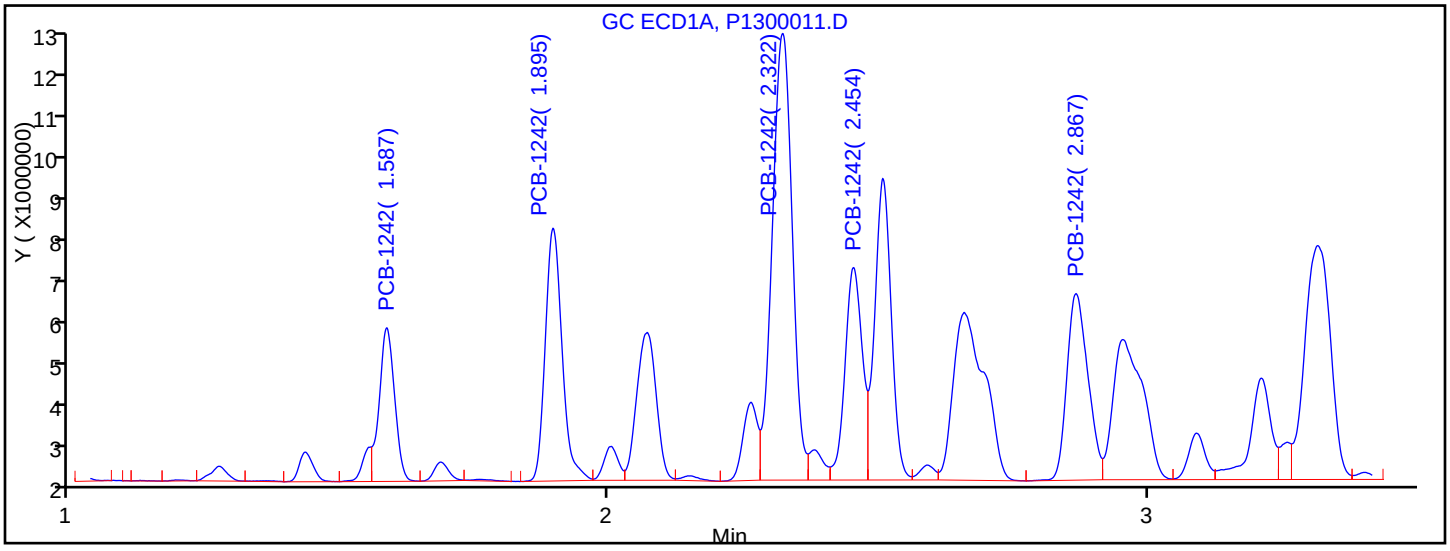
Injection Date:	21-Oct-2012 18:52:48	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

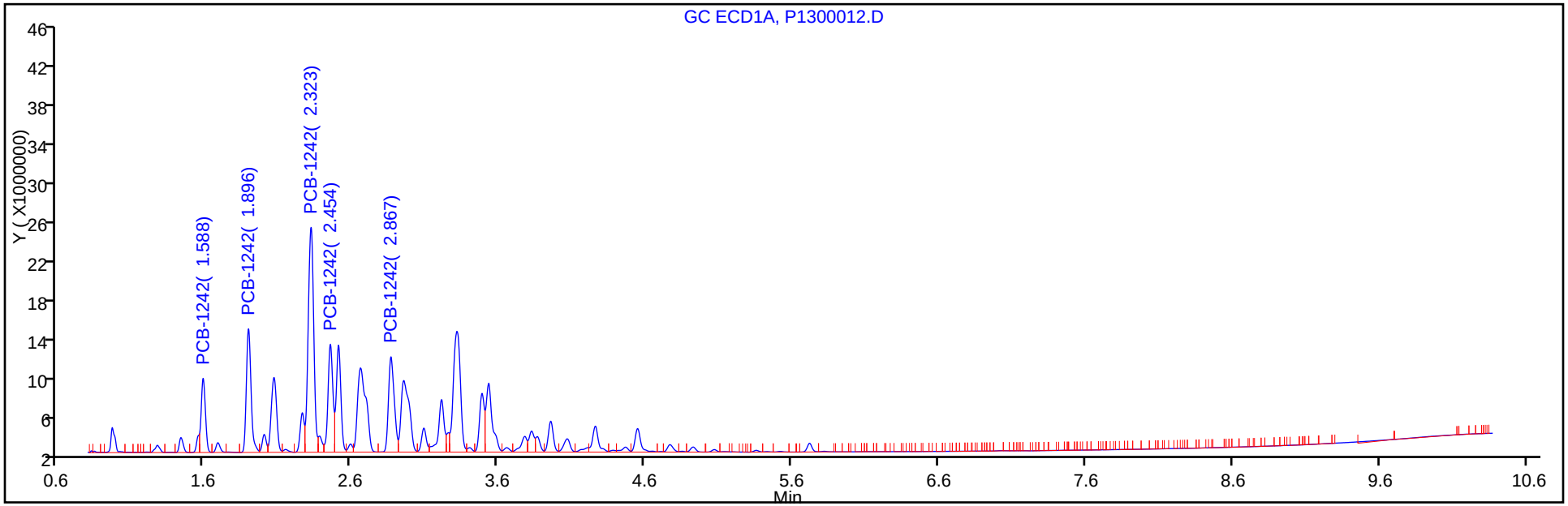
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

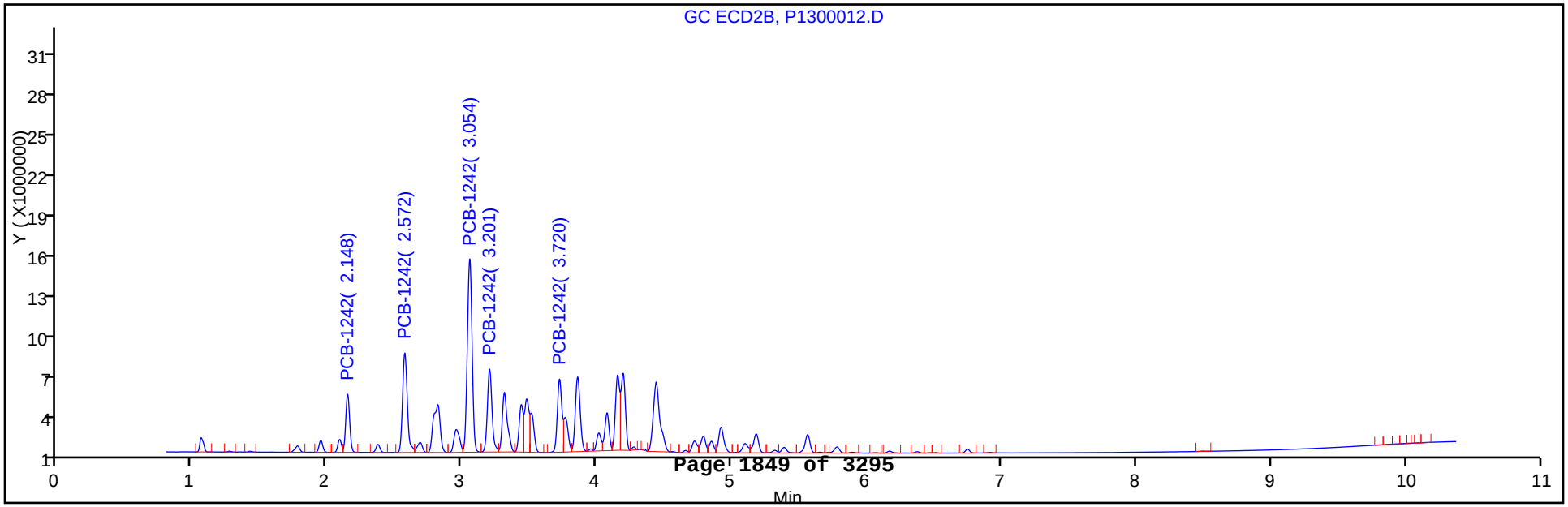
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



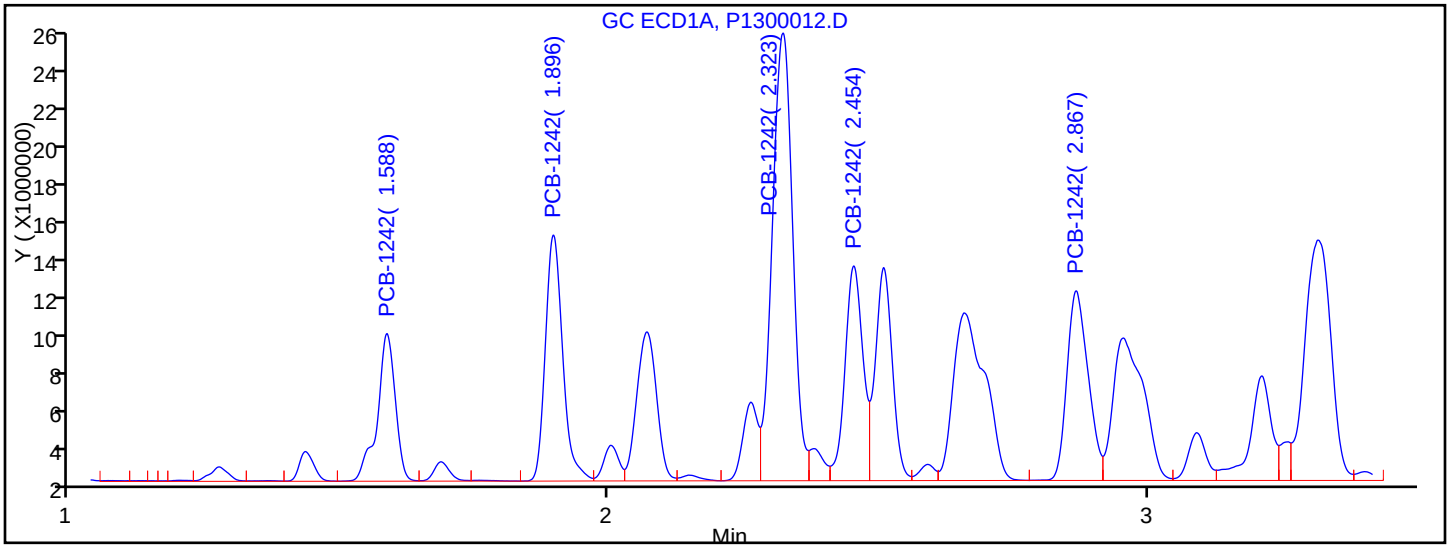
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

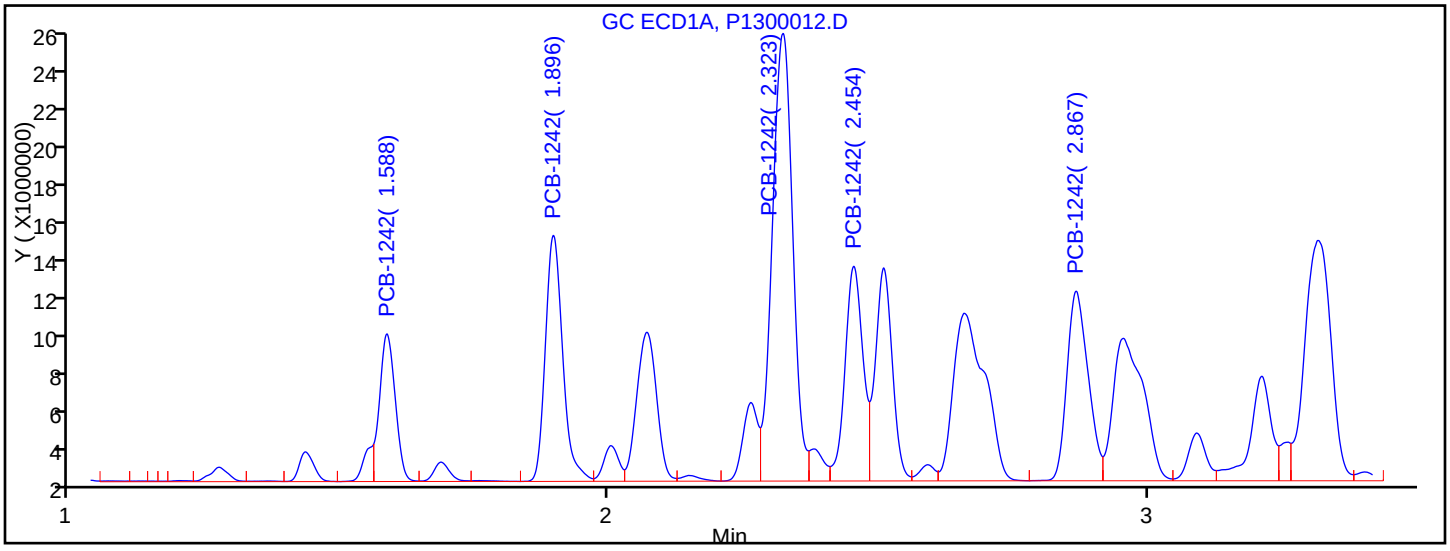
Injection Date:	21-Oct-2012 19:07:42	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

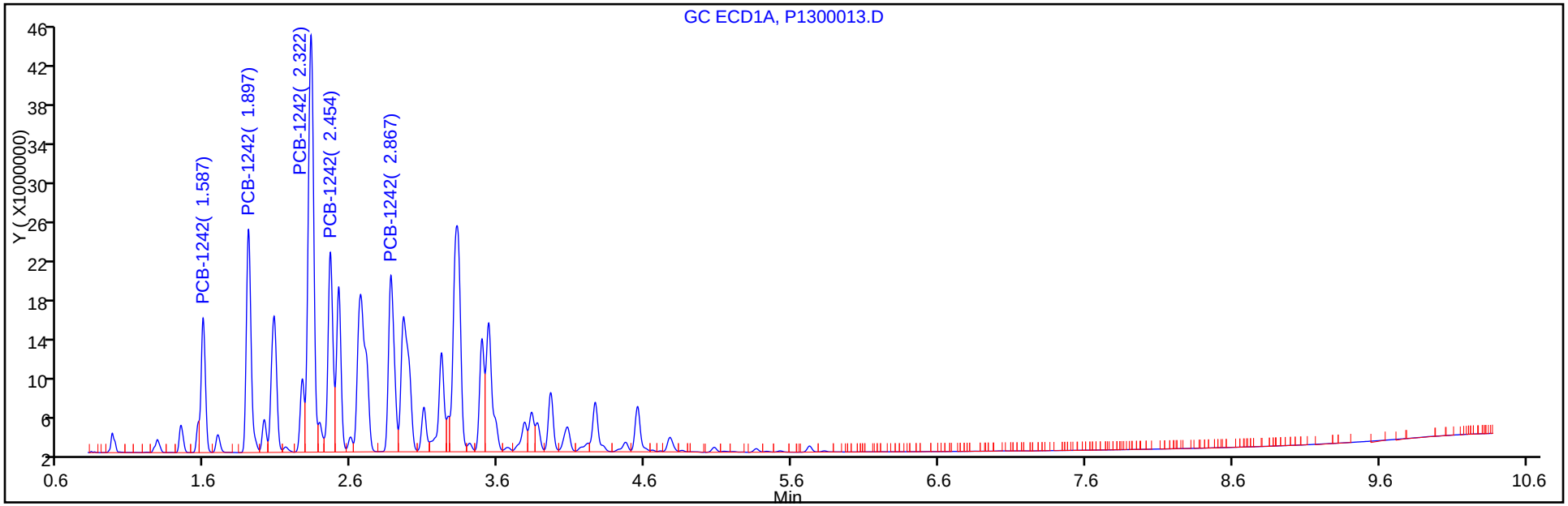
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

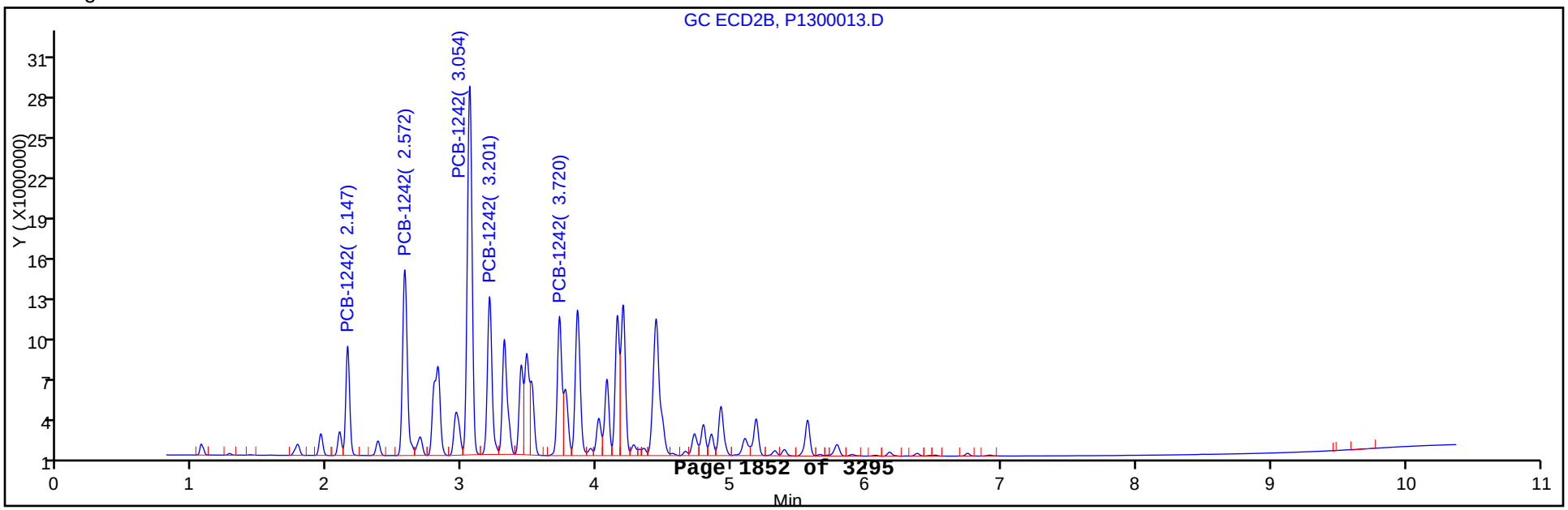
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



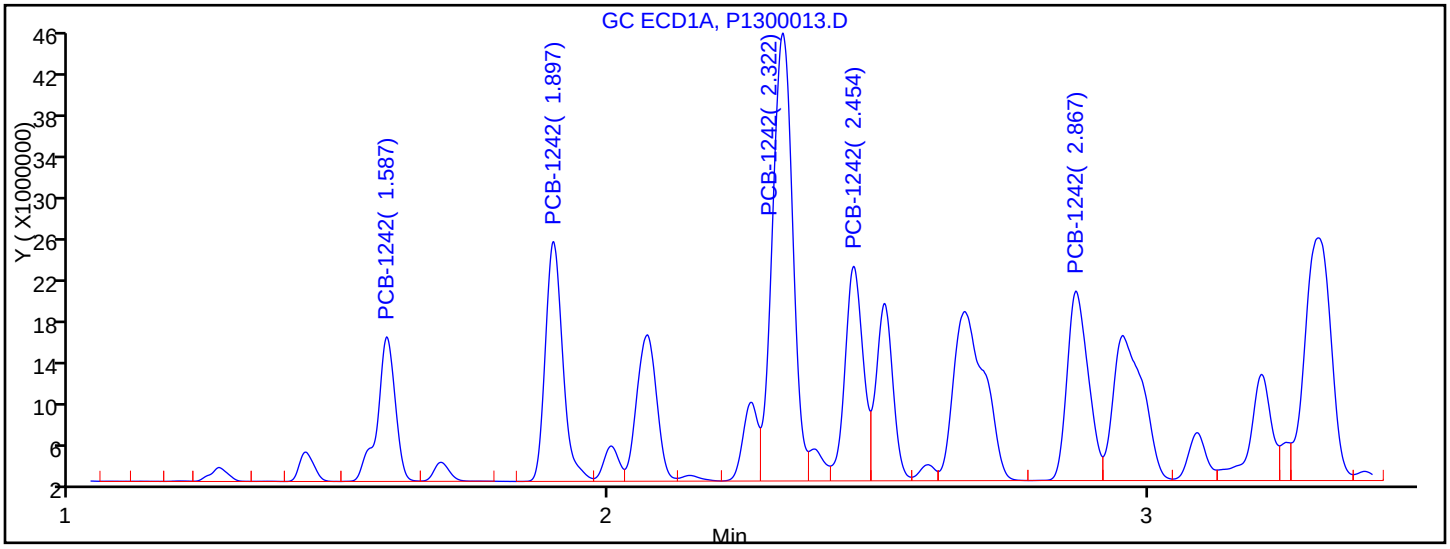
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

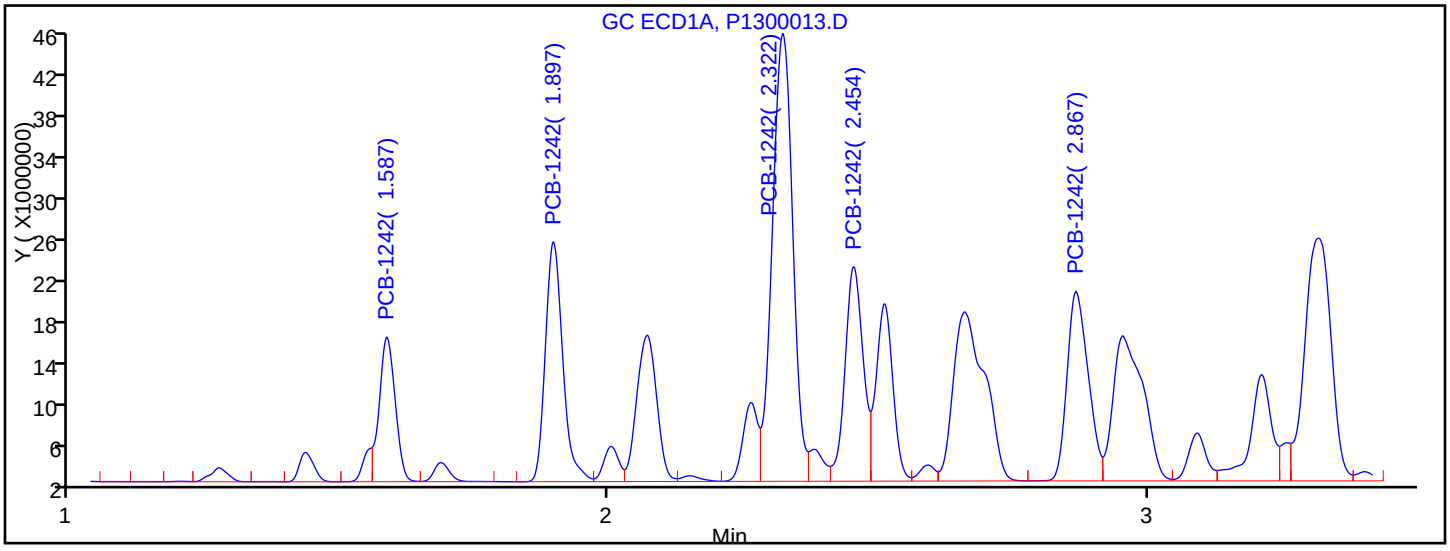
Injection Date:	21-Oct-2012 19:22:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	13
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

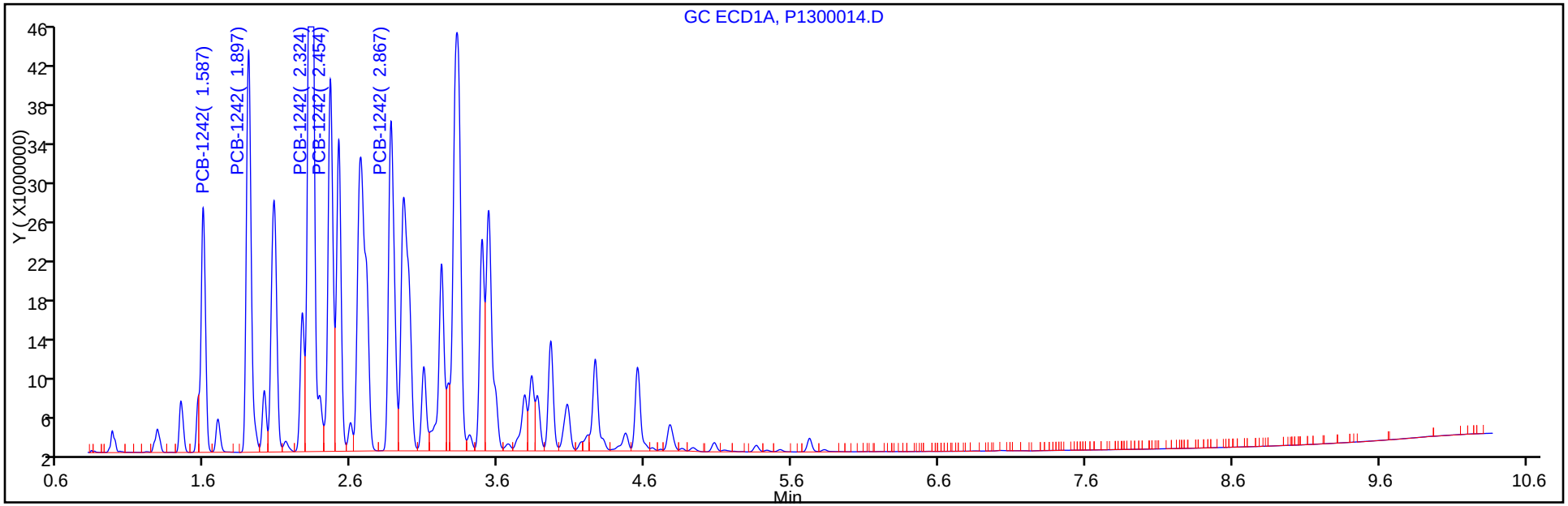
Report Date: 22-Oct-2012 09:18:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

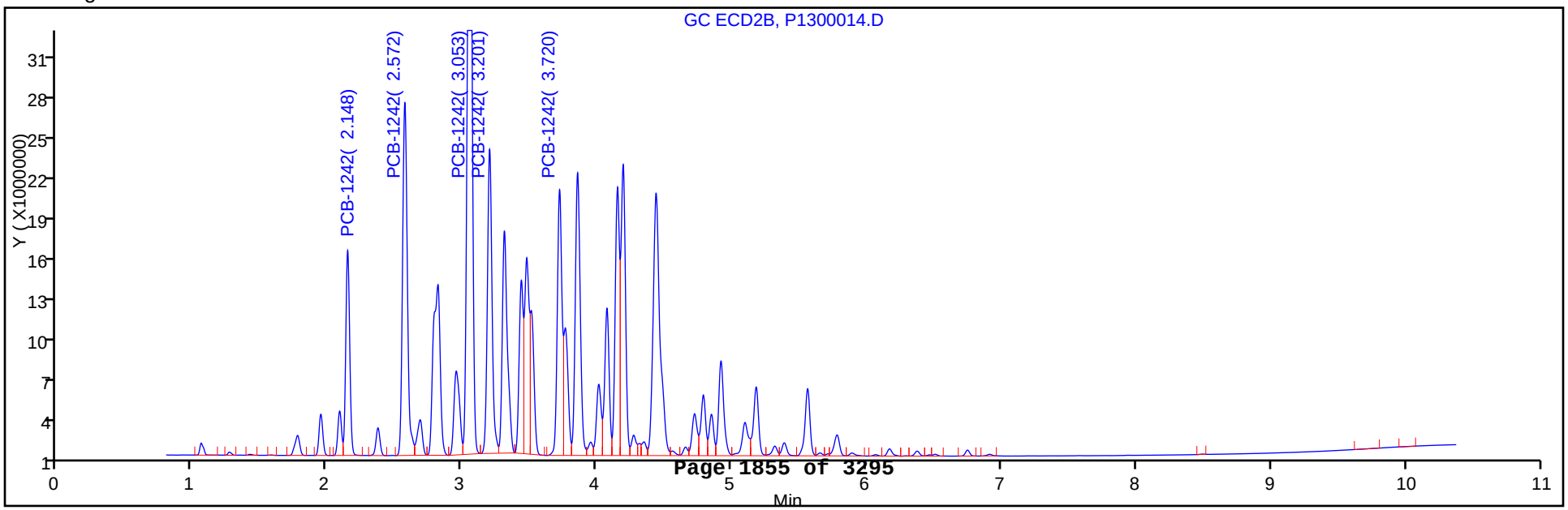
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



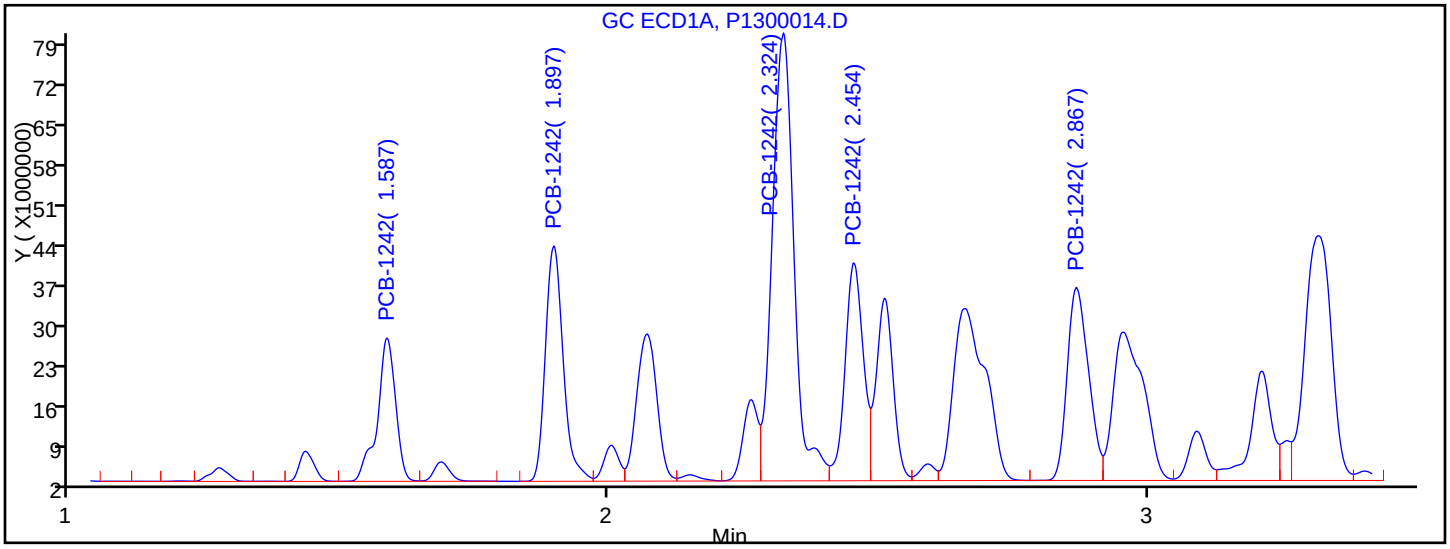
Report Date: 22-Oct-2012 09:18:32 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

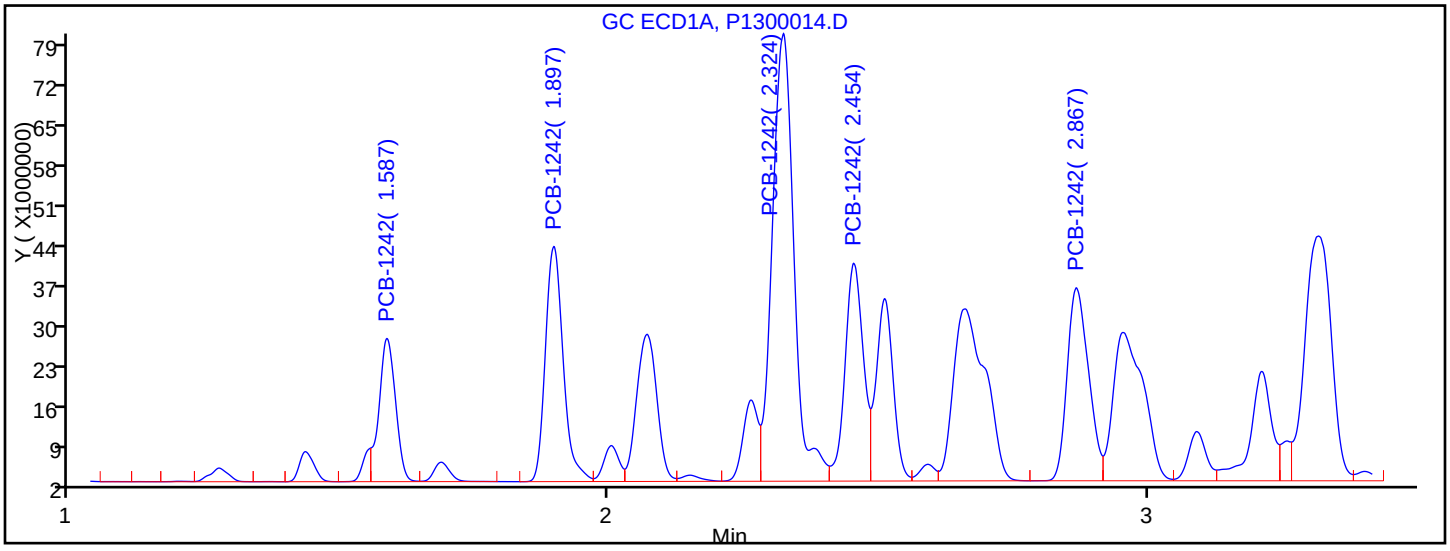
Injection Date:	21-Oct-2012 19:37:32	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	14
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

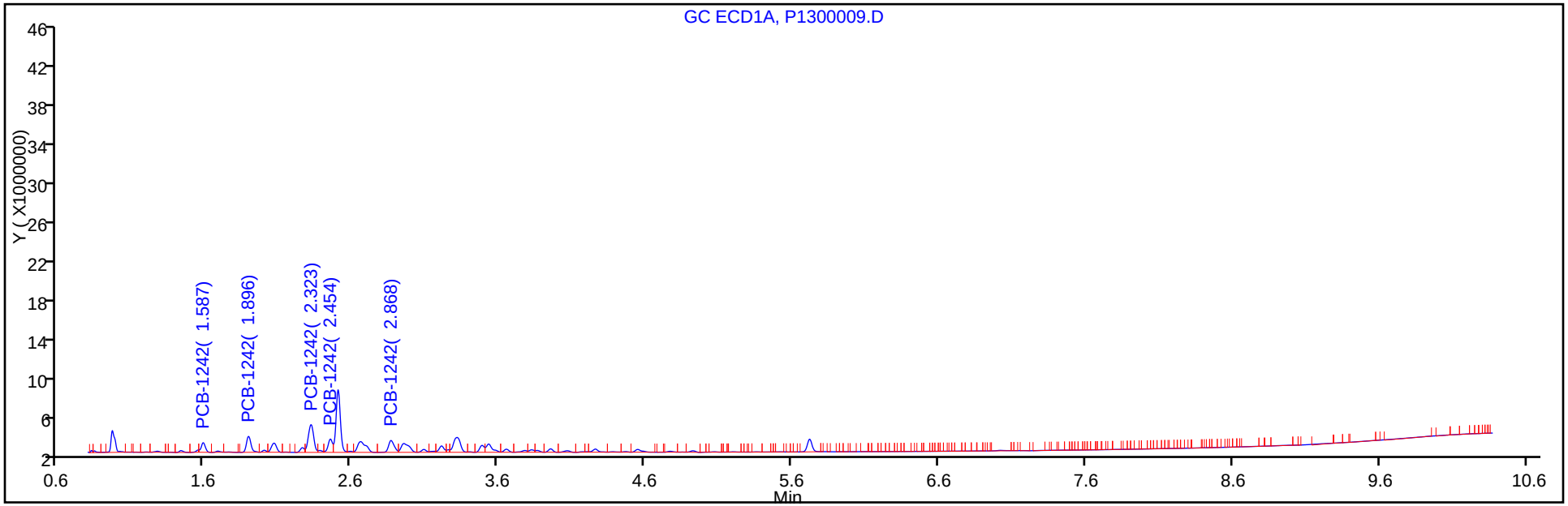
Report Date: 22-Oct-2012 09:18:39 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

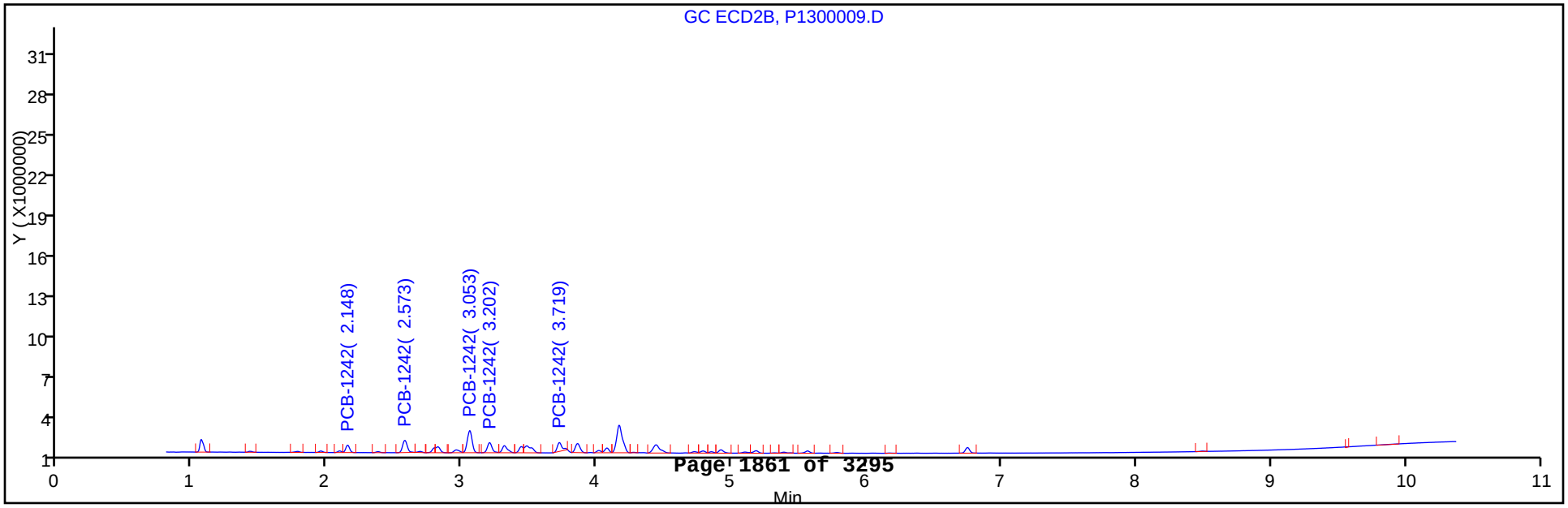
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300009.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

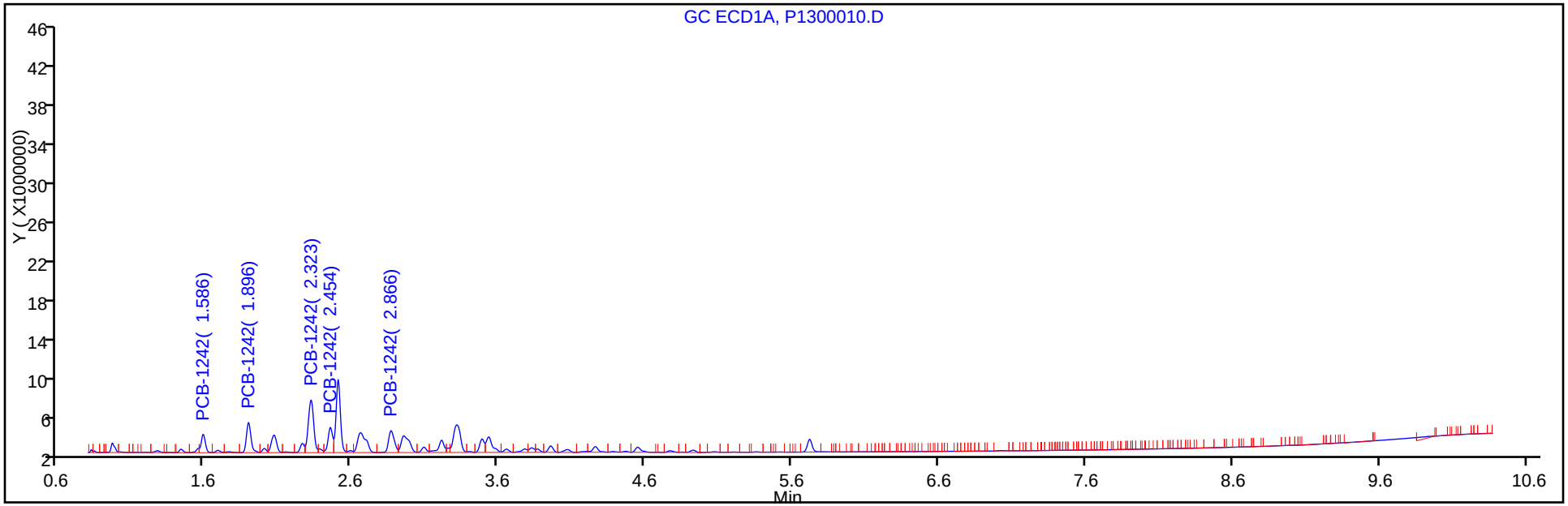
Report Date: 22-Oct-2012 09:18:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

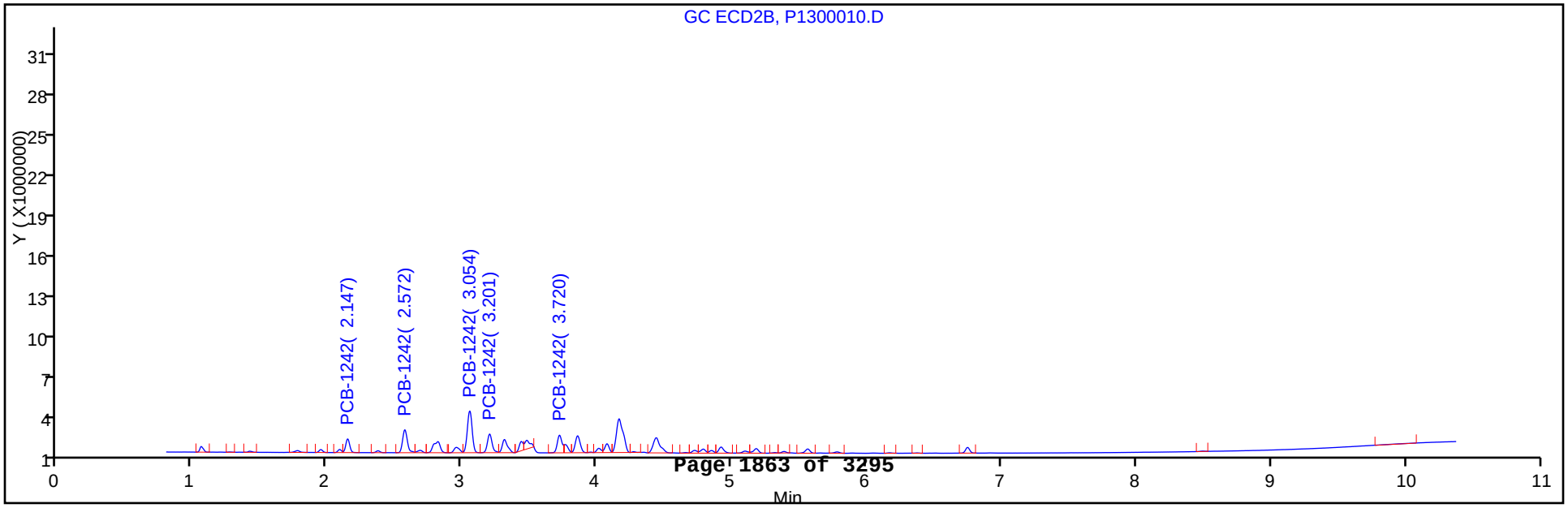
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300010.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

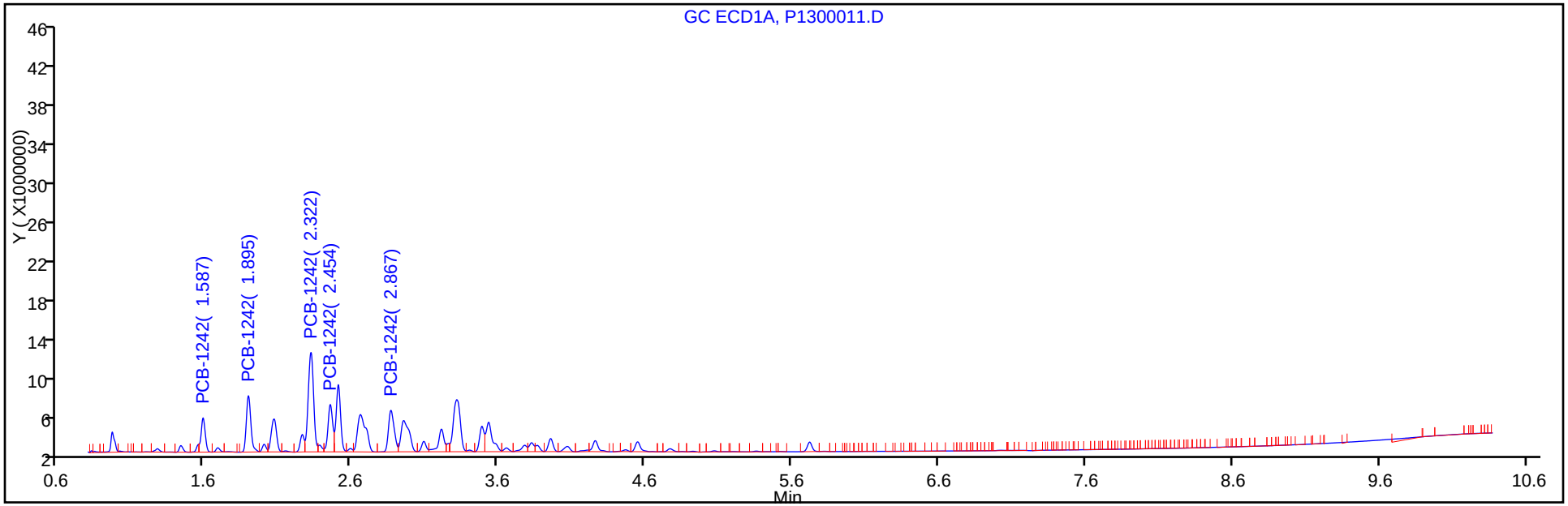
Report Date: 22-Oct-2012 09:18:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

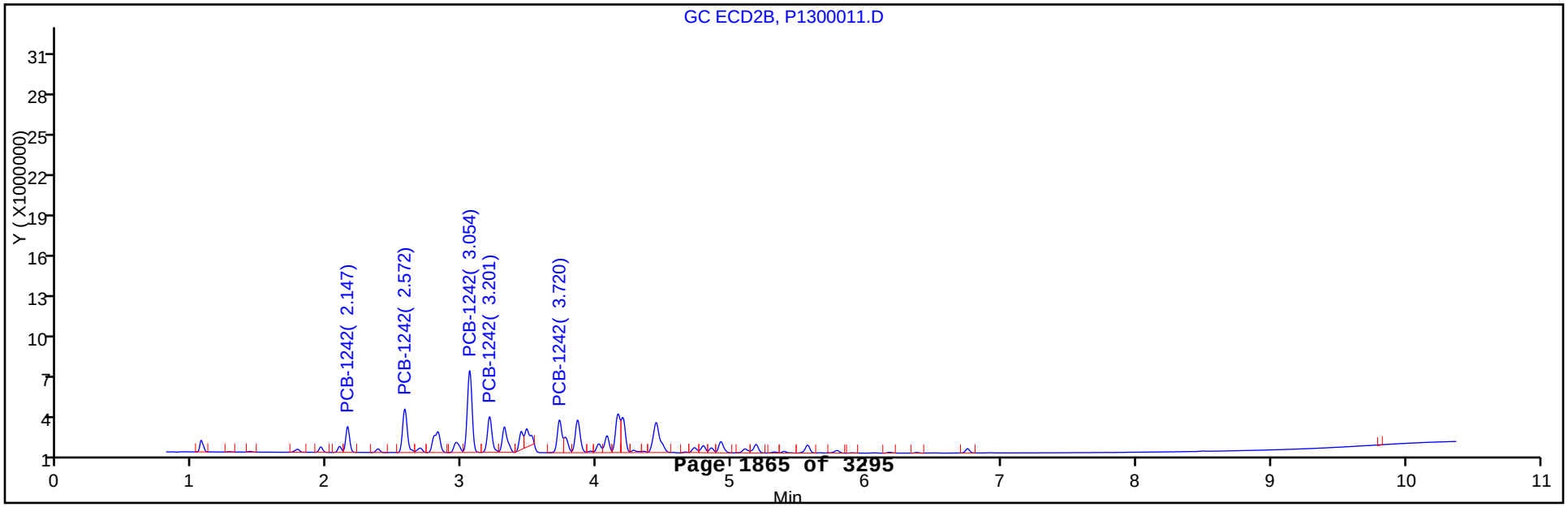
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300011.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

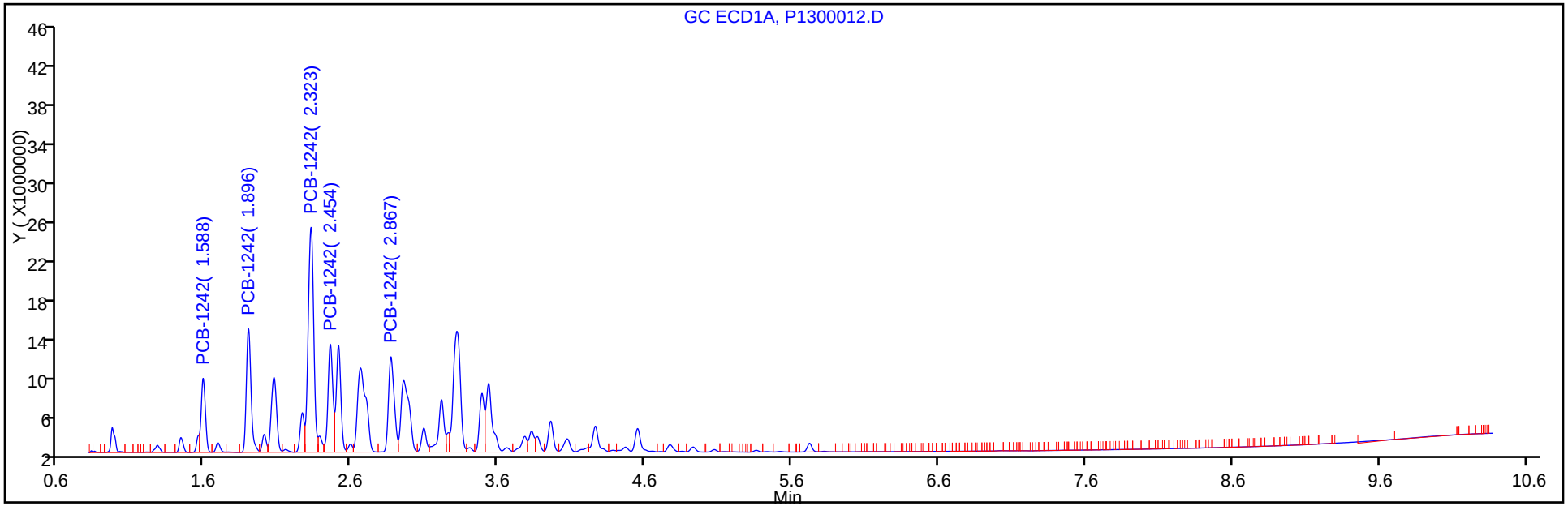
Report Date: 22-Oct-2012 09:18:35 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

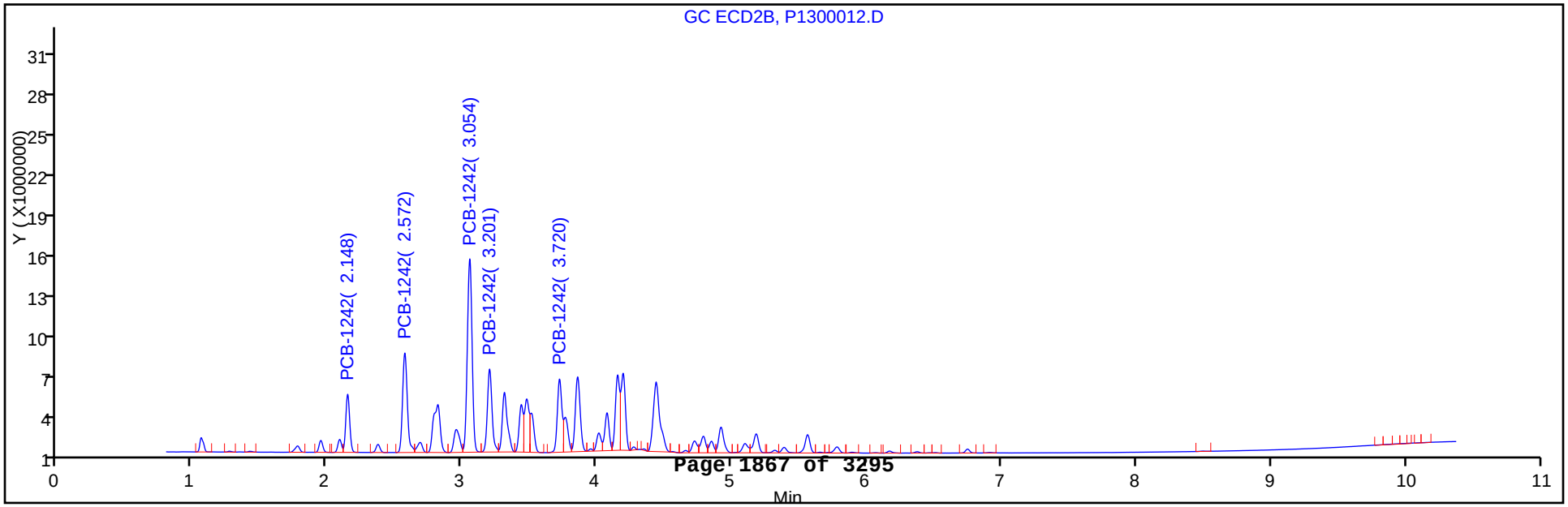
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300012.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

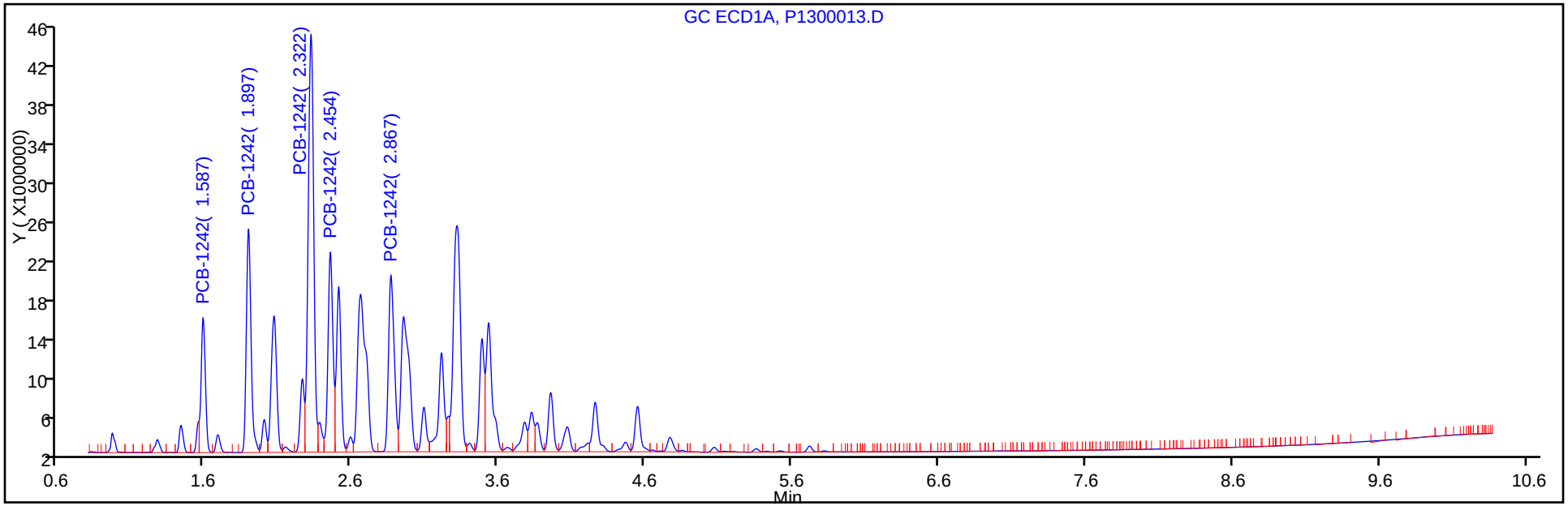
Report Date: 22-Oct-2012 09:18:33 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

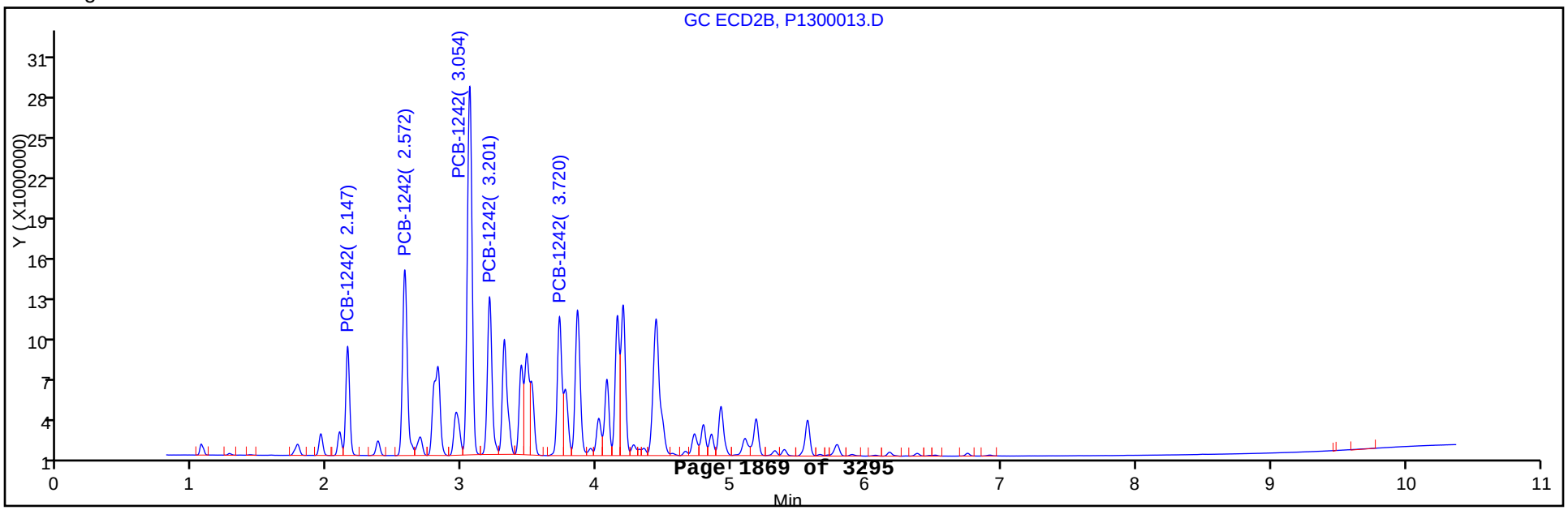
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300013.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

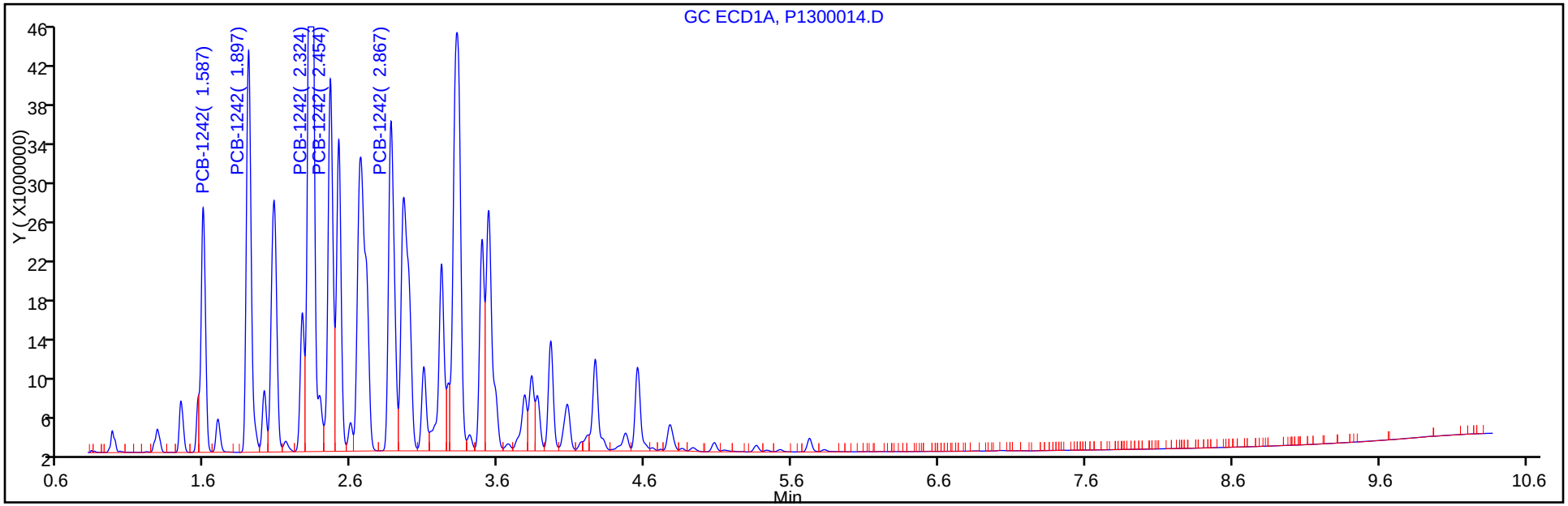
Report Date: 22-Oct-2012 09:18:32 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

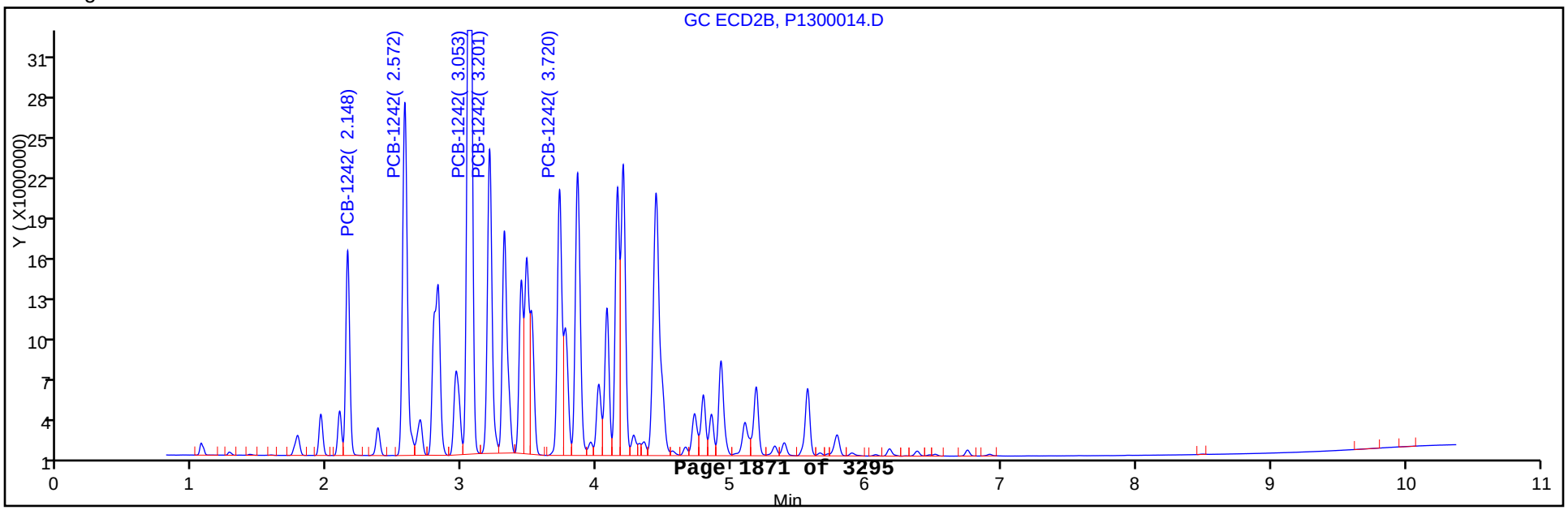
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300014.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

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

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

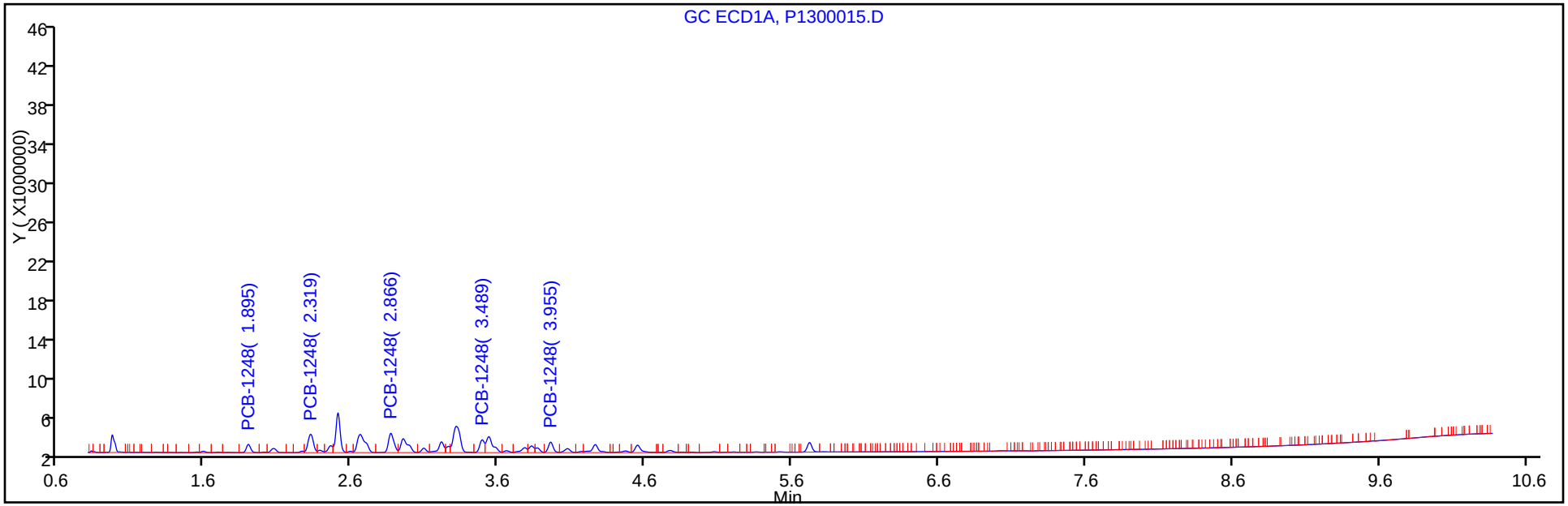
Report Date: 22-Oct-2012 09:18:30 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

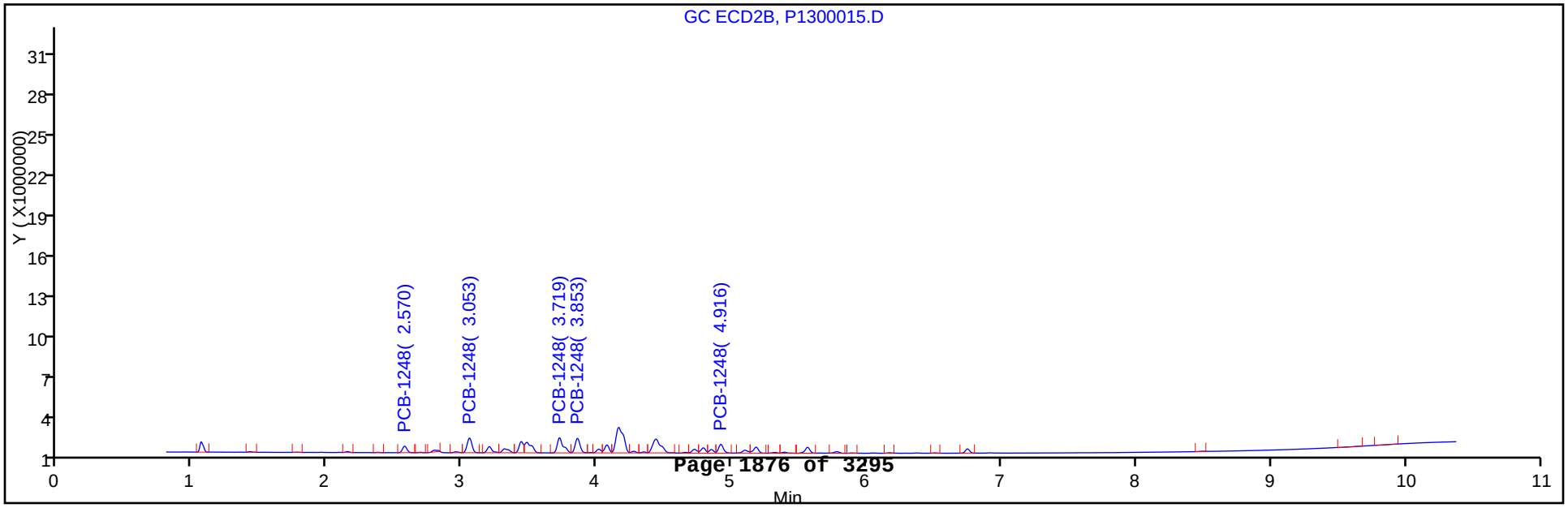
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

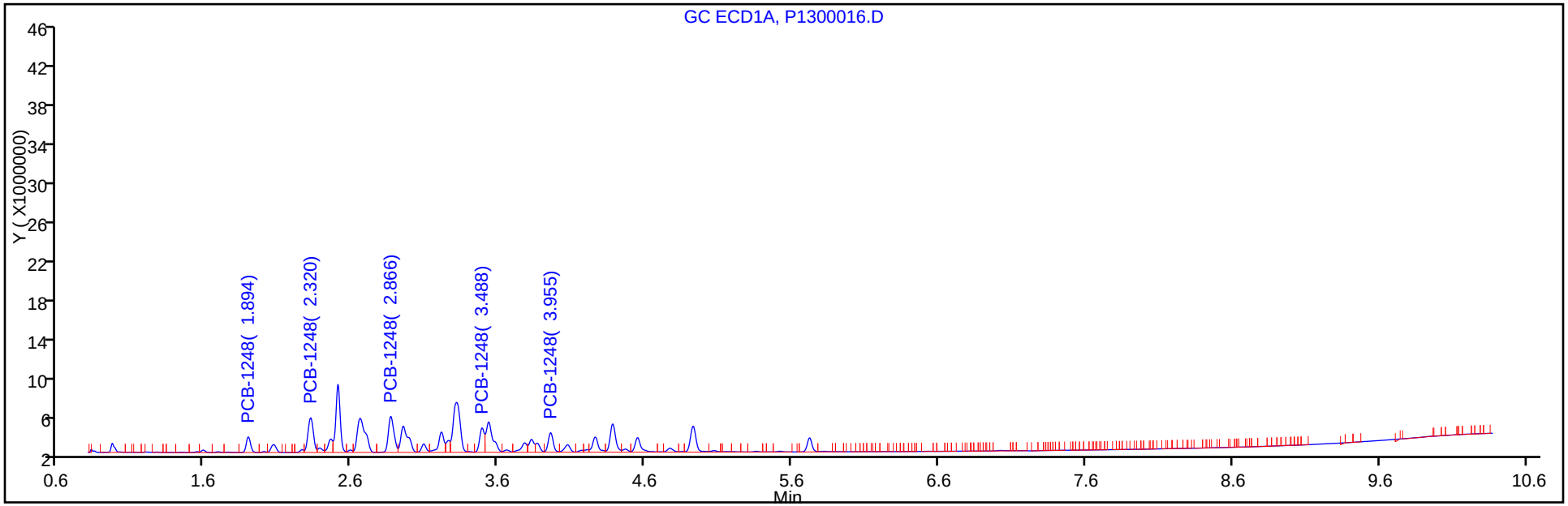
Report Date: 22-Oct-2012 09:18:28 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

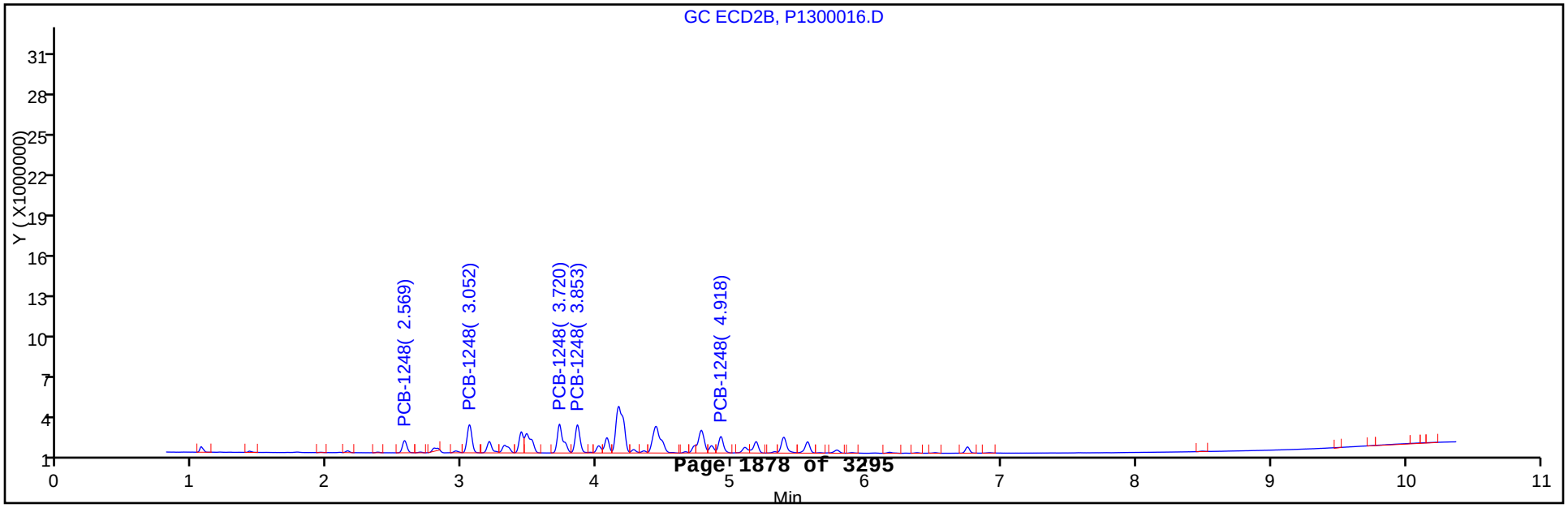
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D		
Lims ID:	STD02 1248	Client ID:	
Inject. Date:	21-Oct-2012 20:22:16	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014228-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	62068	Lims Sample ID:	17
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:26	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

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

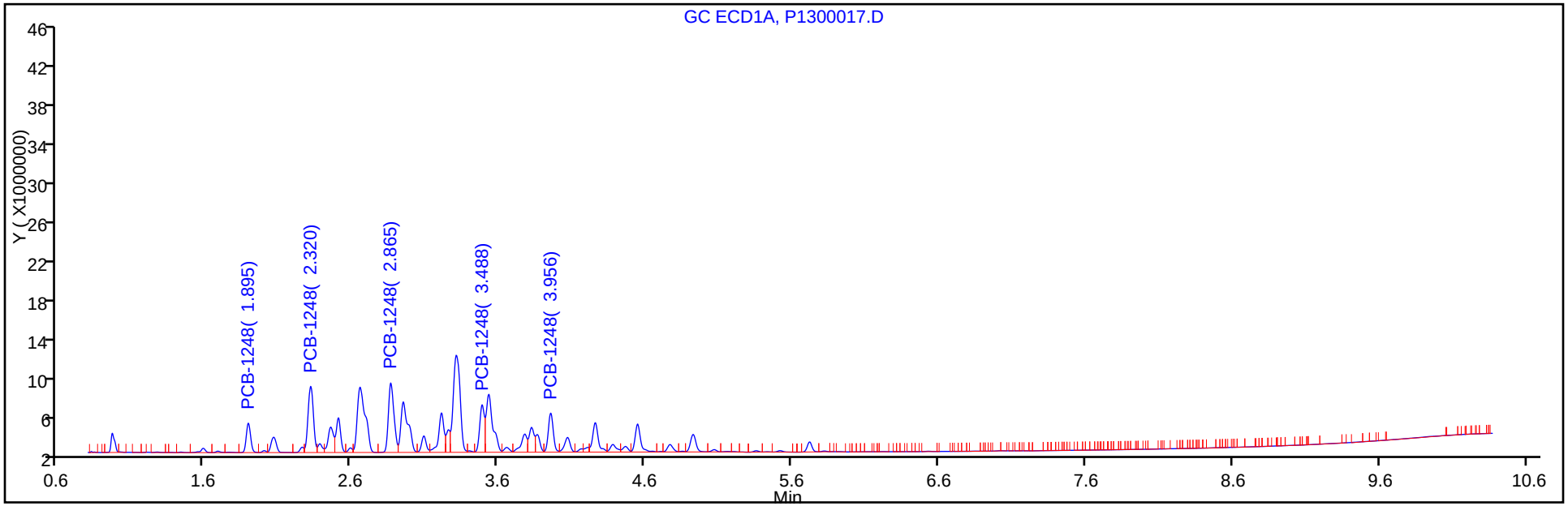
Report Date: 22-Oct-2012 09:18:27 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

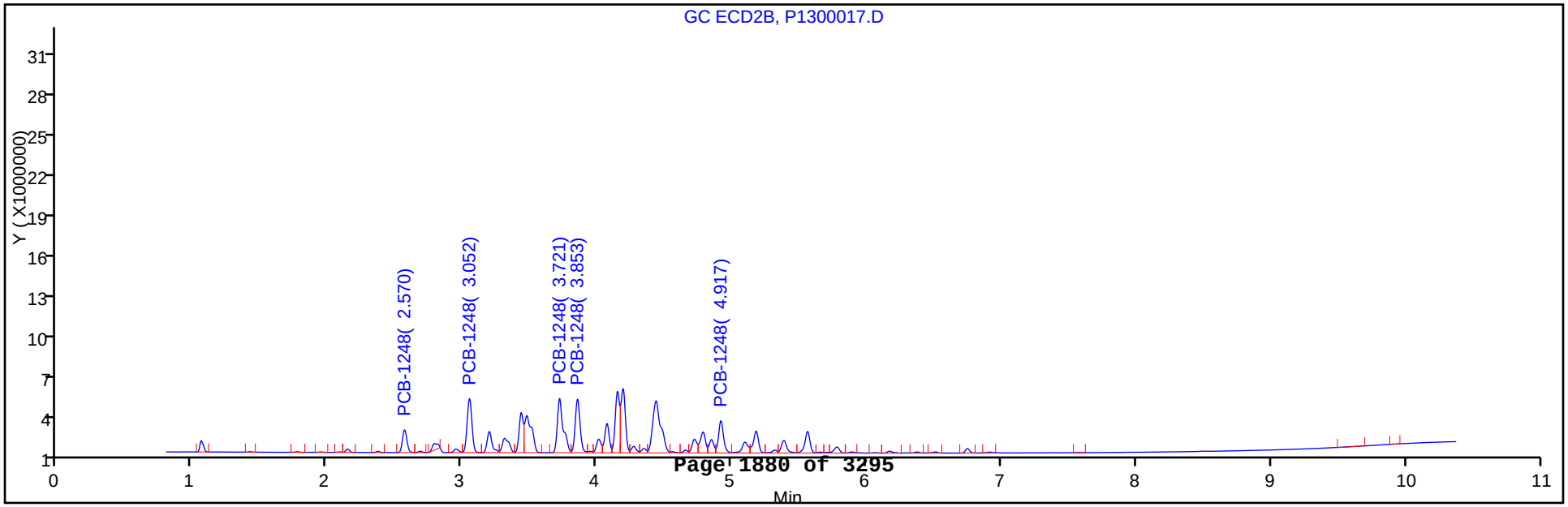
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

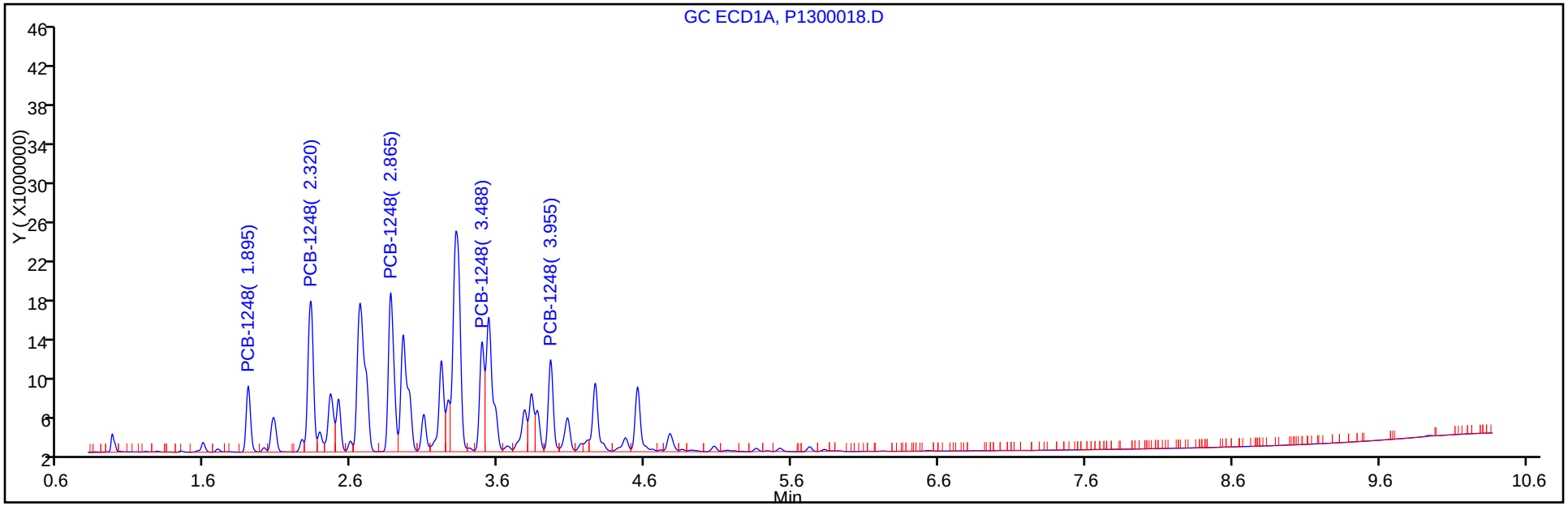
Report Date: 22-Oct-2012 09:18:25 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

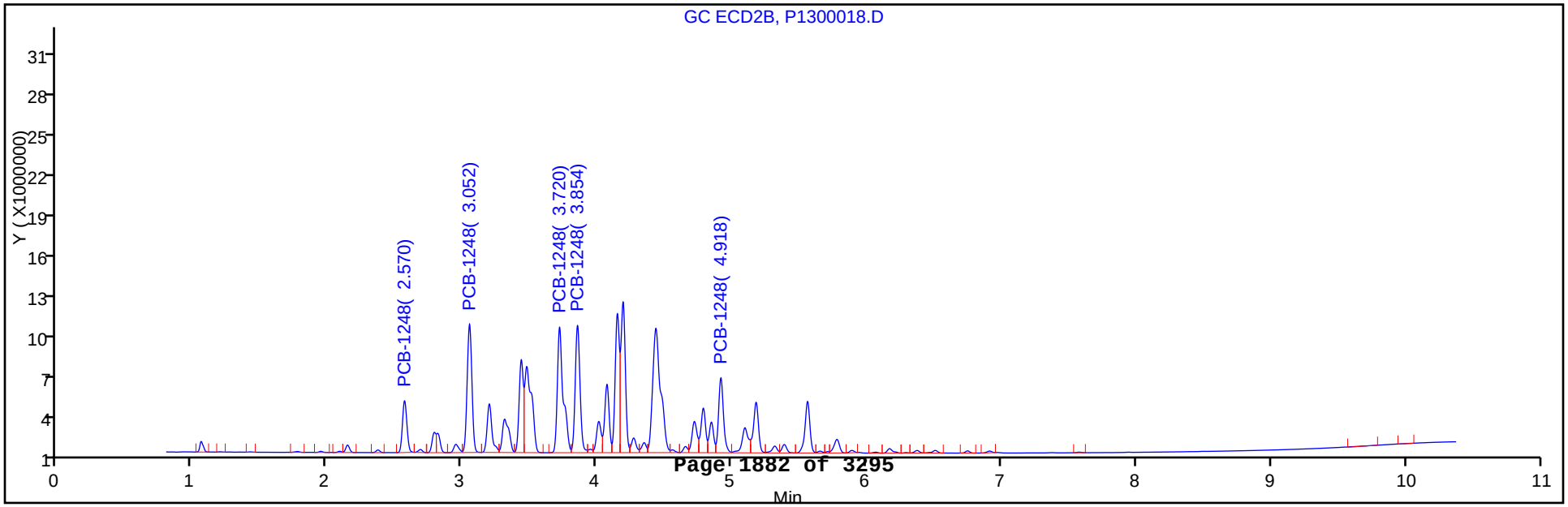
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D
Lims ID: STD1 1248 Client ID:
Inject. Date: 21-Oct-2012 20:52:10 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014228-019
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 62068 Lims Sample ID: 19
Sublist: chrom-PCB13*sub9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m
Last Update: 22-Oct-2012 09:18:23 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

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

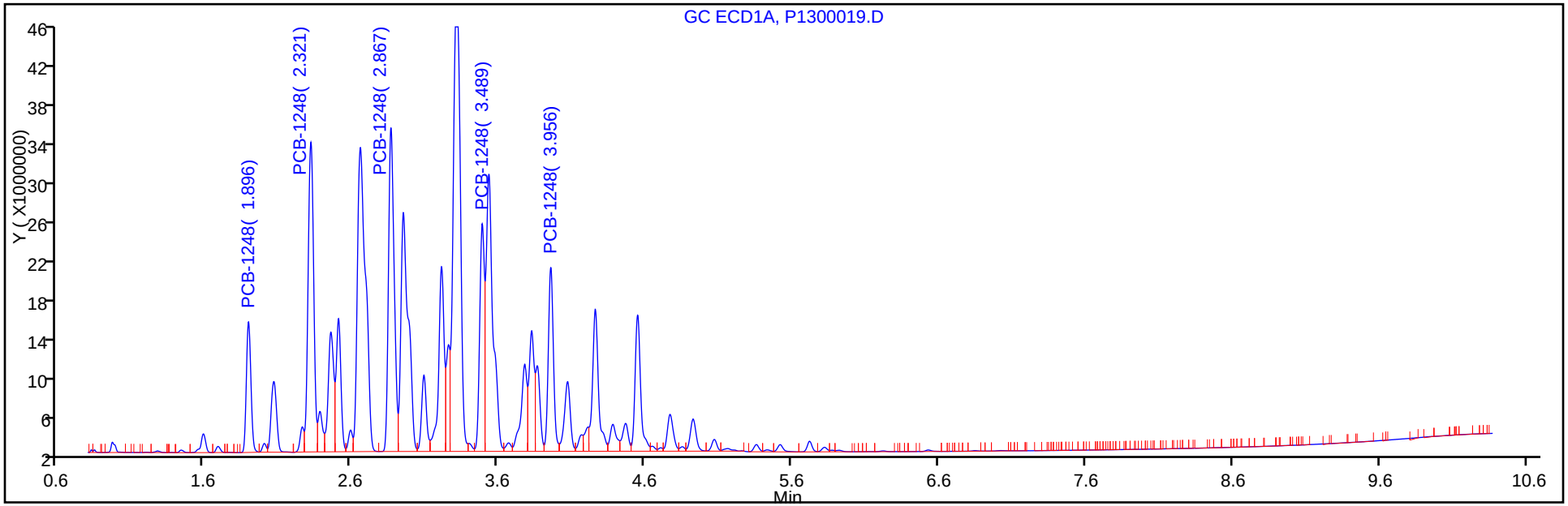
Report Date: 22-Oct-2012 09:18:24 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

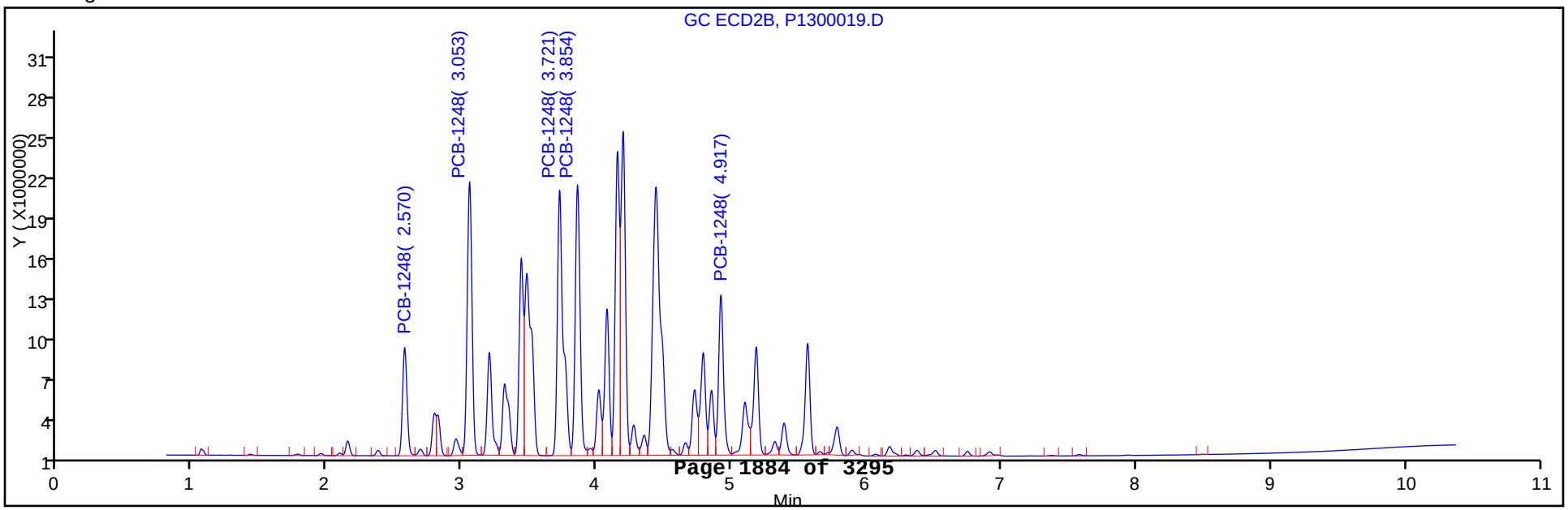
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

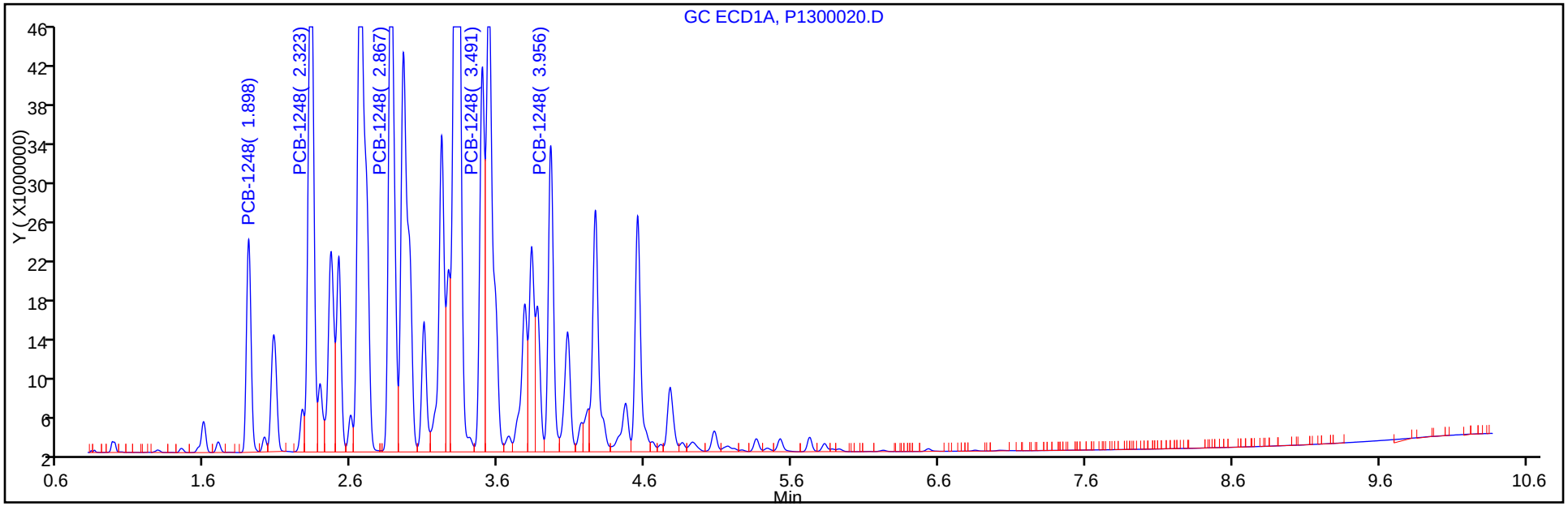
Report Date: 22-Oct-2012 09:18:22 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

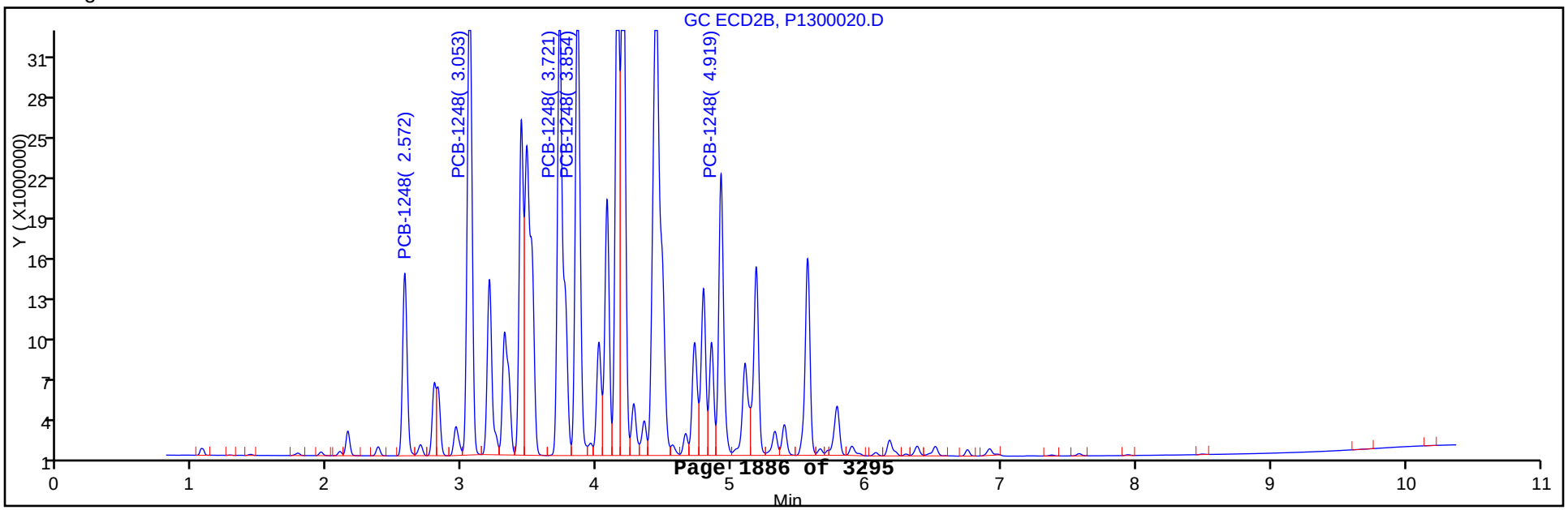
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

Curve Type Legend:

Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

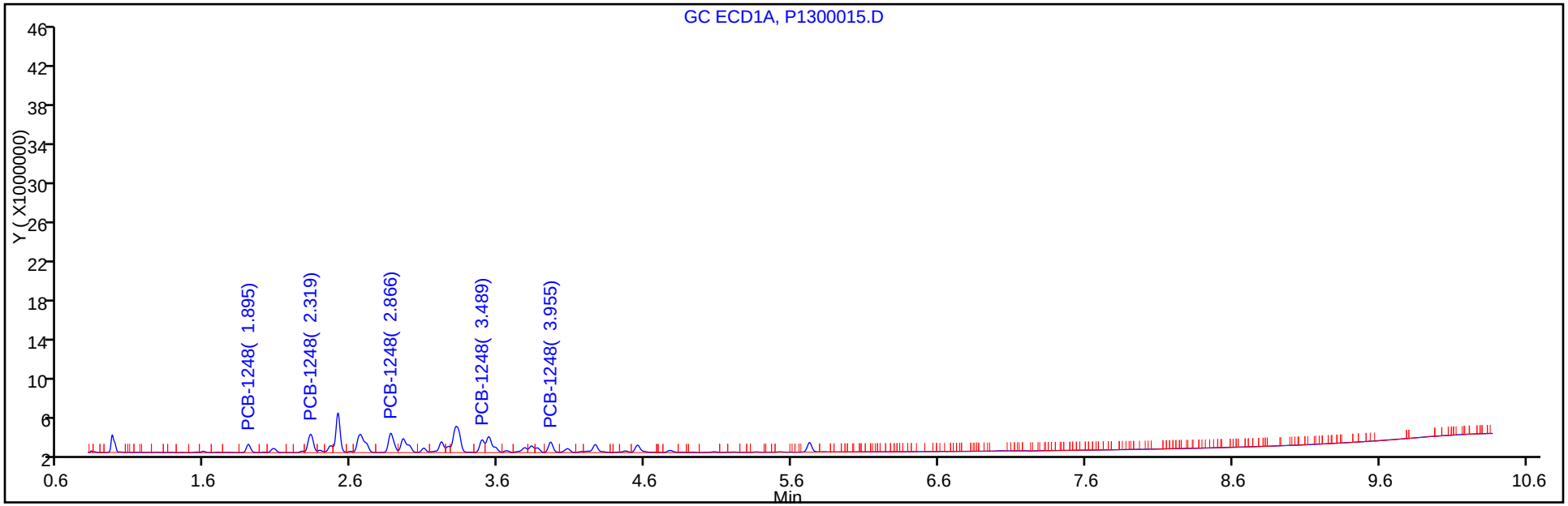
Report Date: 22-Oct-2012 09:18:30 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

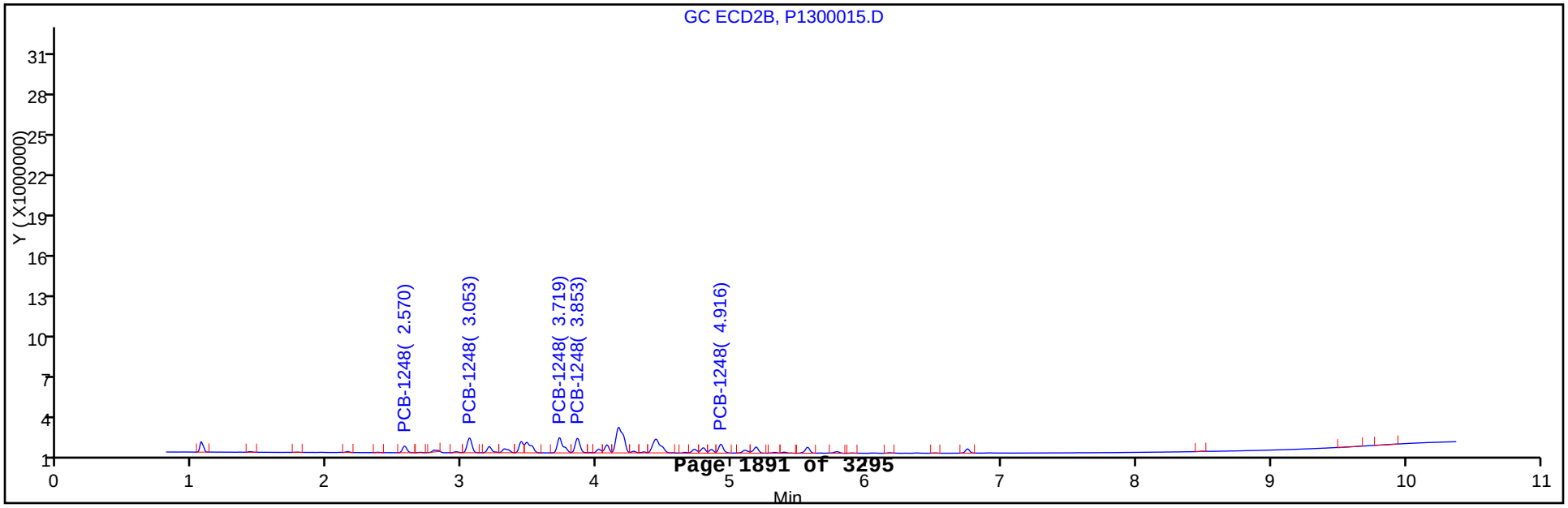
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300015.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D		
Lims ID:	STD01 1248	Client ID:	
Inject. Date:	21-Oct-2012 20:07:20	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014228-016		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	62068	Lims Sample ID:	16
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:28	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

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

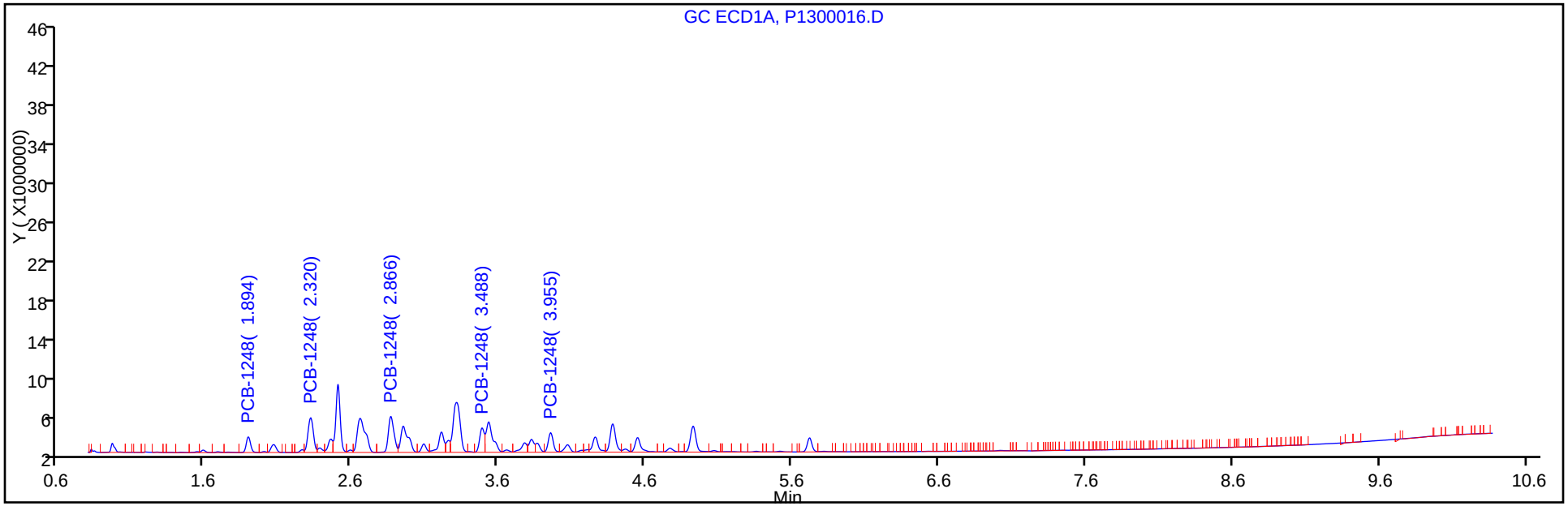
Report Date: 22-Oct-2012 09:18:28 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

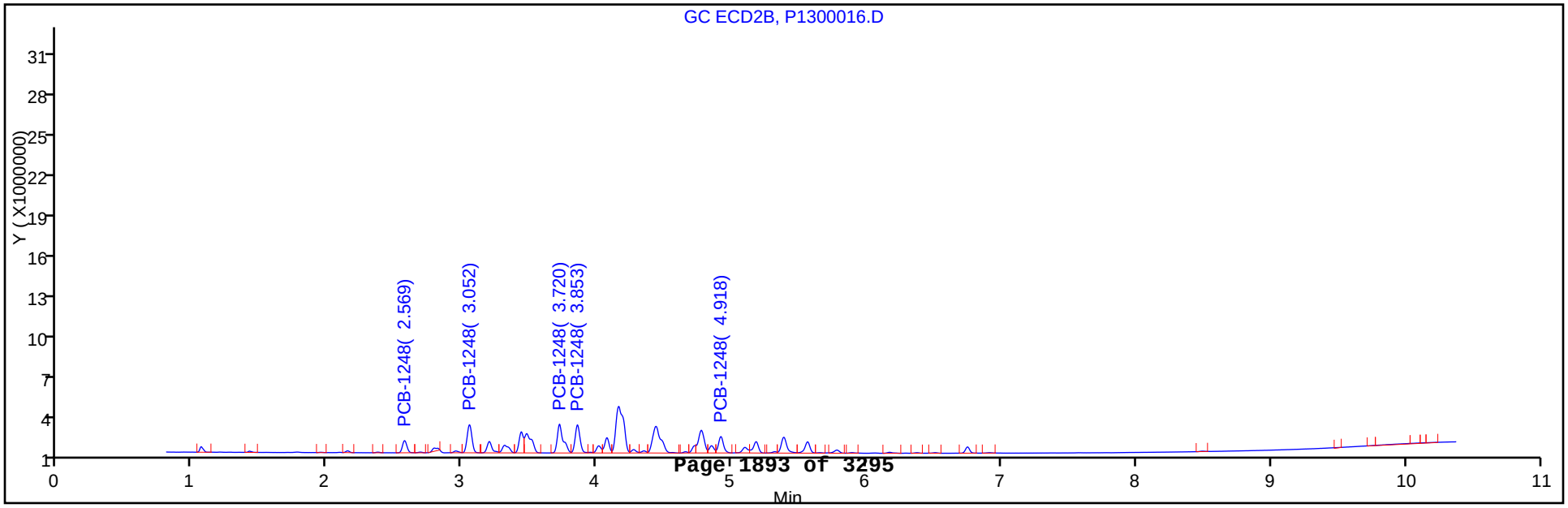
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300016.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D		
Lims ID:	STD02 1248	Client ID:	
Inject. Date:	21-Oct-2012 20:22:16	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014228-017		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	62068	Lims Sample ID:	17
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:26	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

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

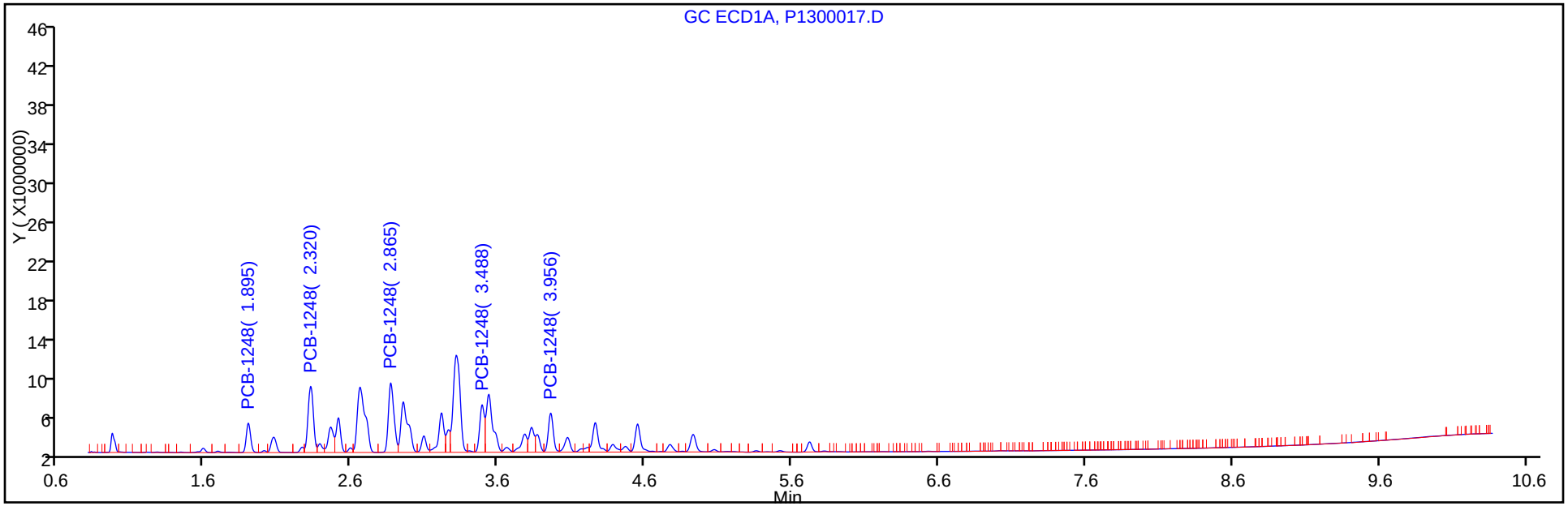
Report Date: 22-Oct-2012 09:18:27 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

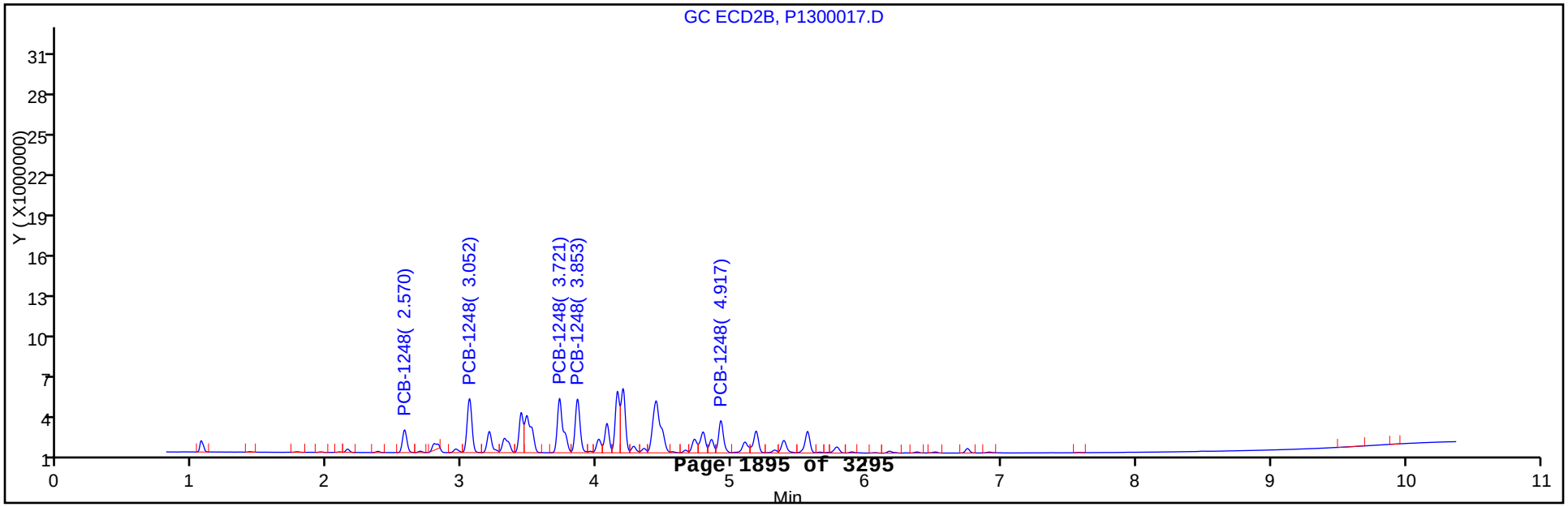
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300017.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D		
Lims ID:	STD05 1248	Client ID:	
Inject. Date:	21-Oct-2012 20:37:10	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0014228-018		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	62068	Lims Sample ID:	18
Sublist:	chrom-PCB13*sub9		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\PCB13.m		
Last Update:	22-Oct-2012 09:18:25	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

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

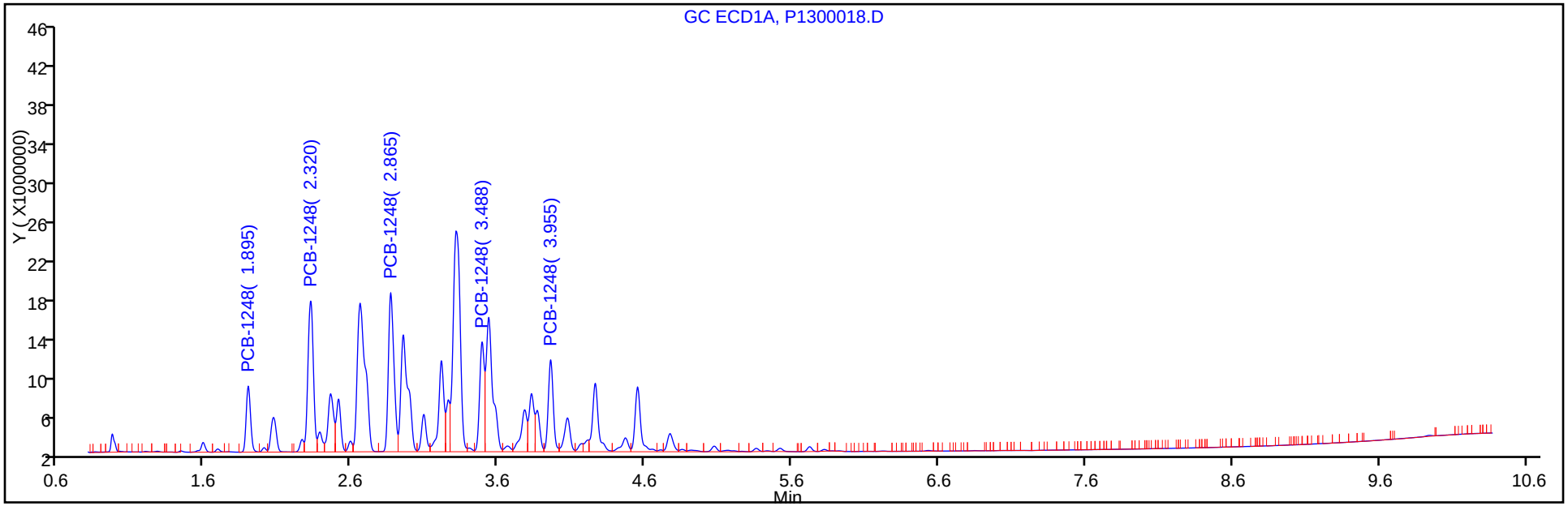
Report Date: 22-Oct-2012 09:18:25 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

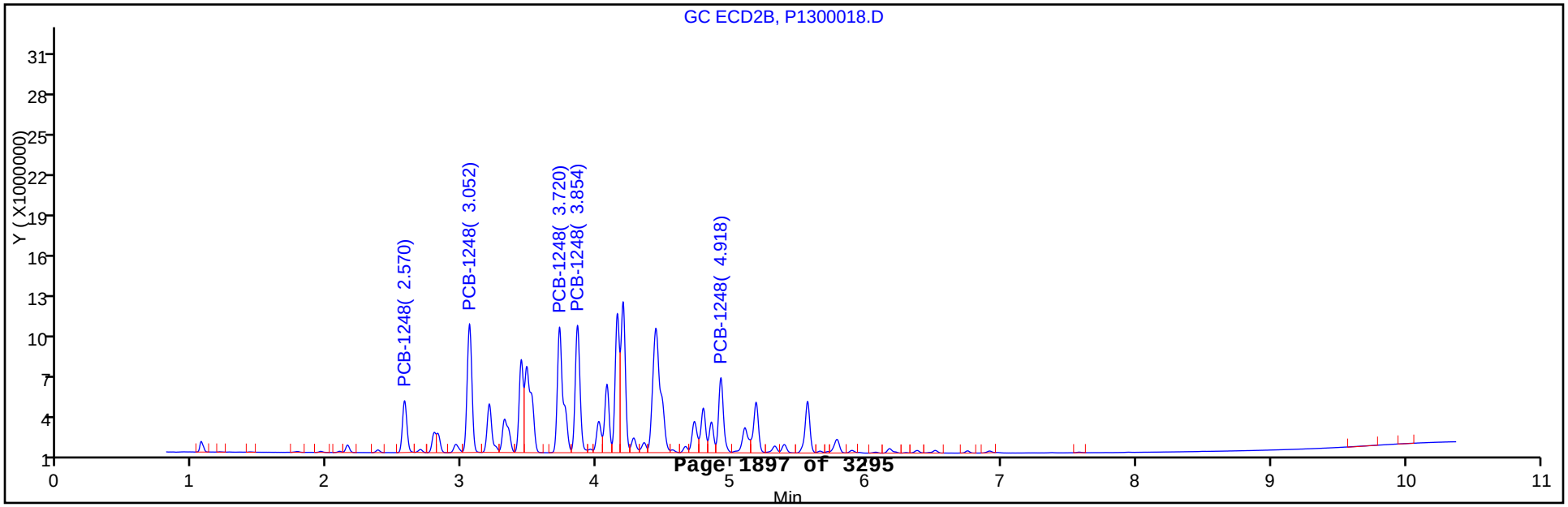
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300018.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

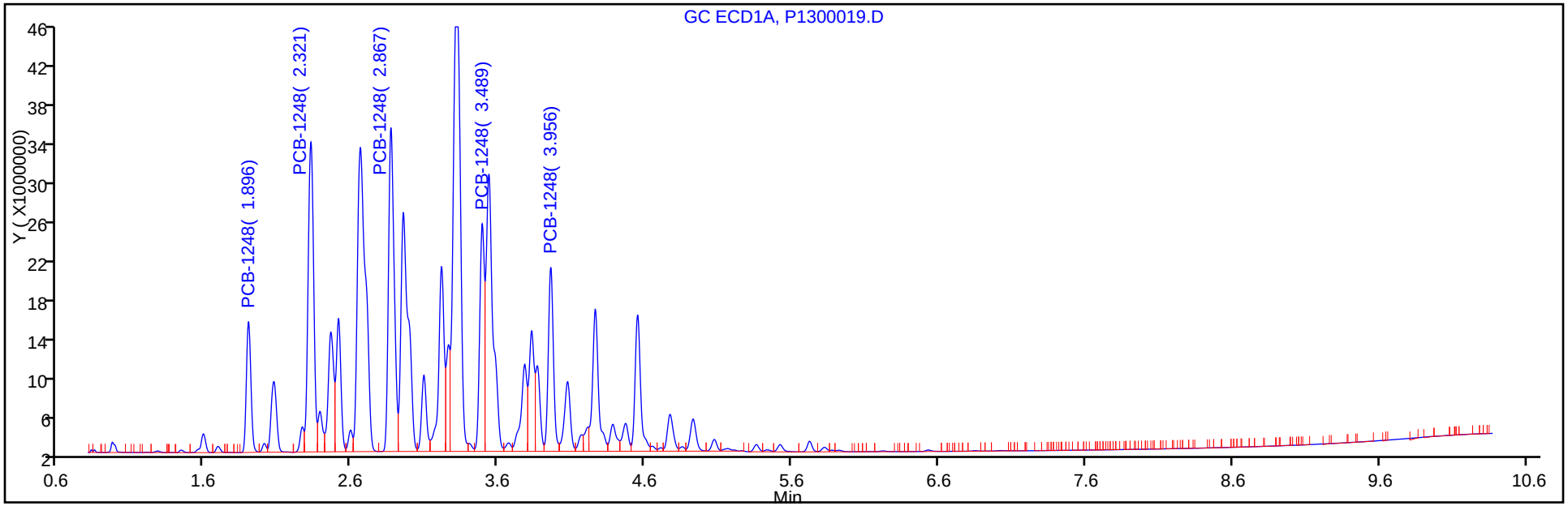
Report Date: 22-Oct-2012 09:18:24 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

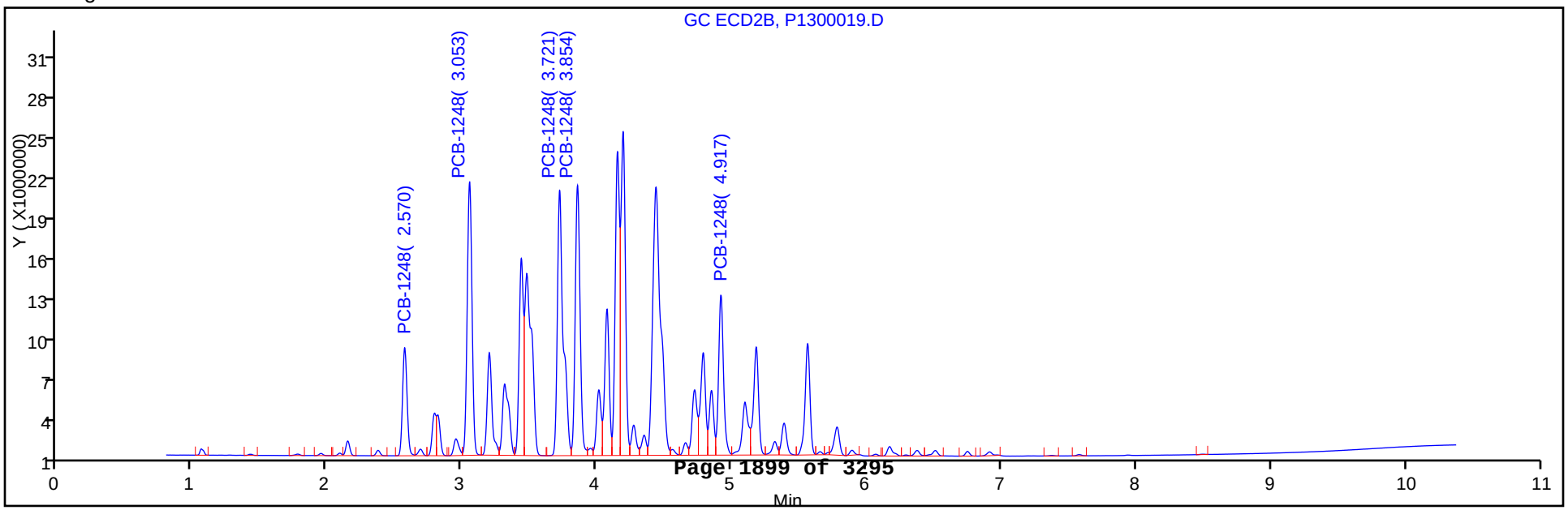
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300019.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

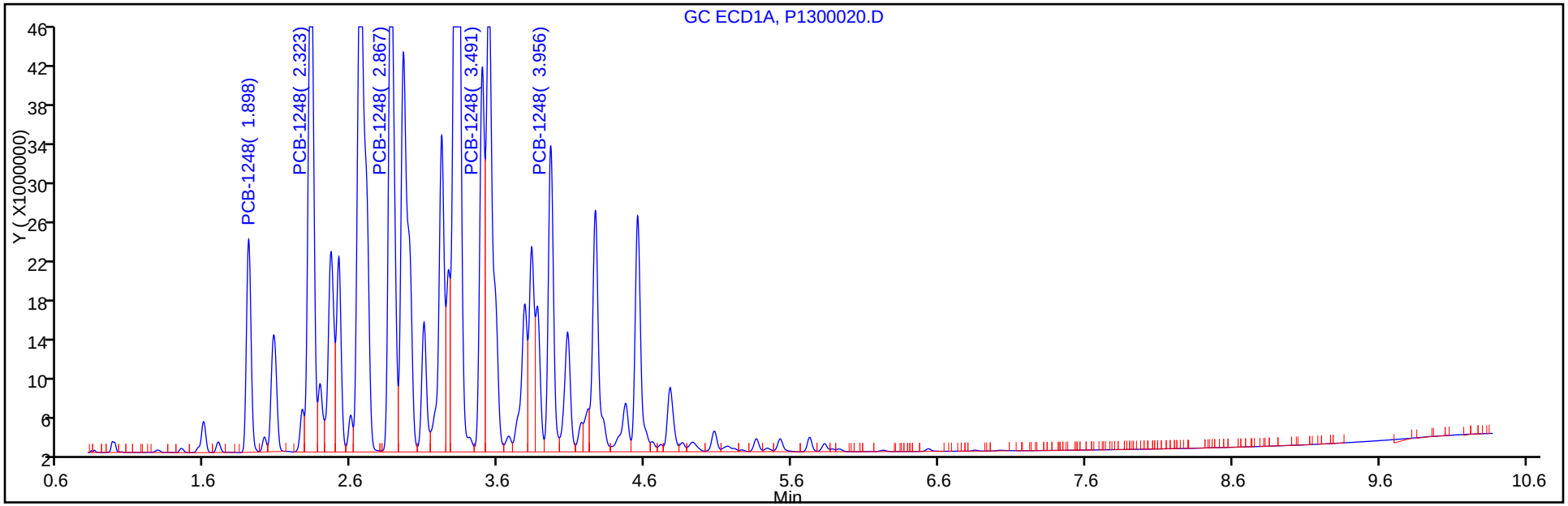
Report Date: 22-Oct-2012 09:18:22 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

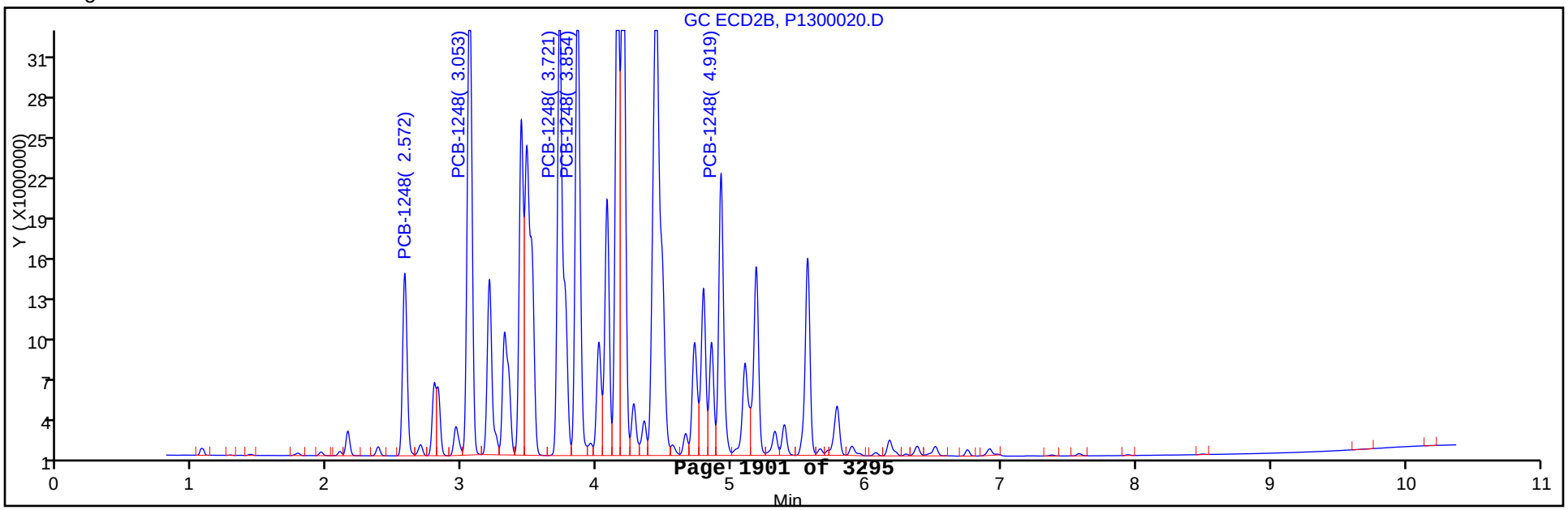
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300020.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

Curve Type Legend:

Ave = Average
Qua = Quadratic

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

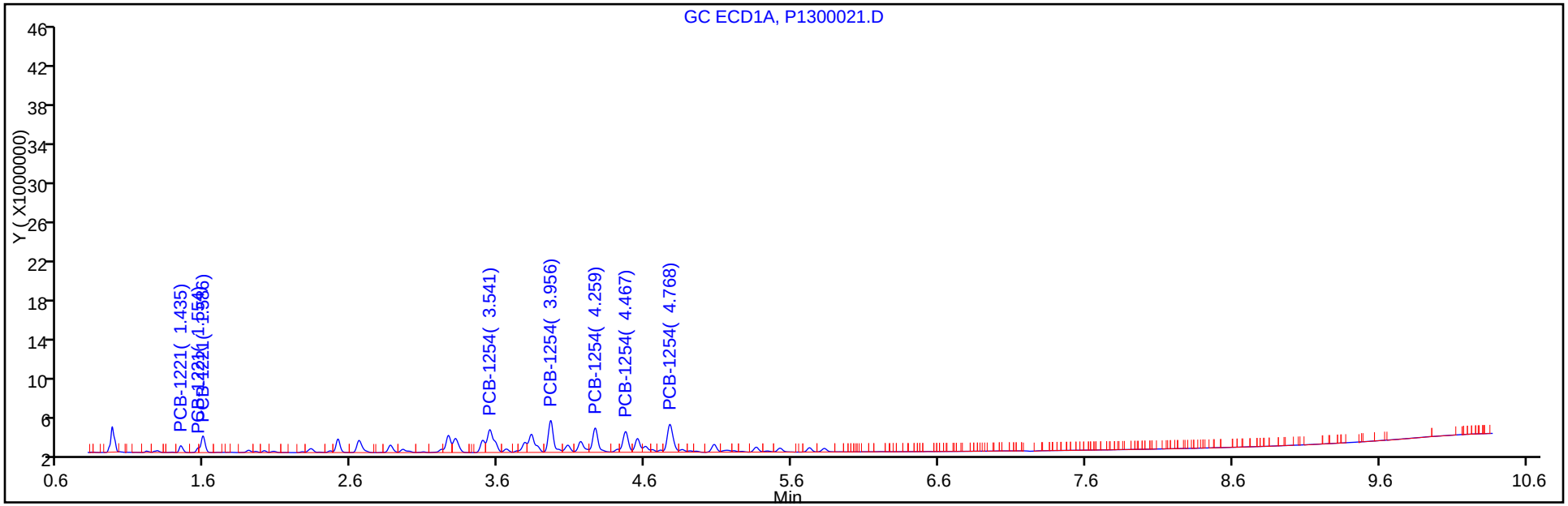
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

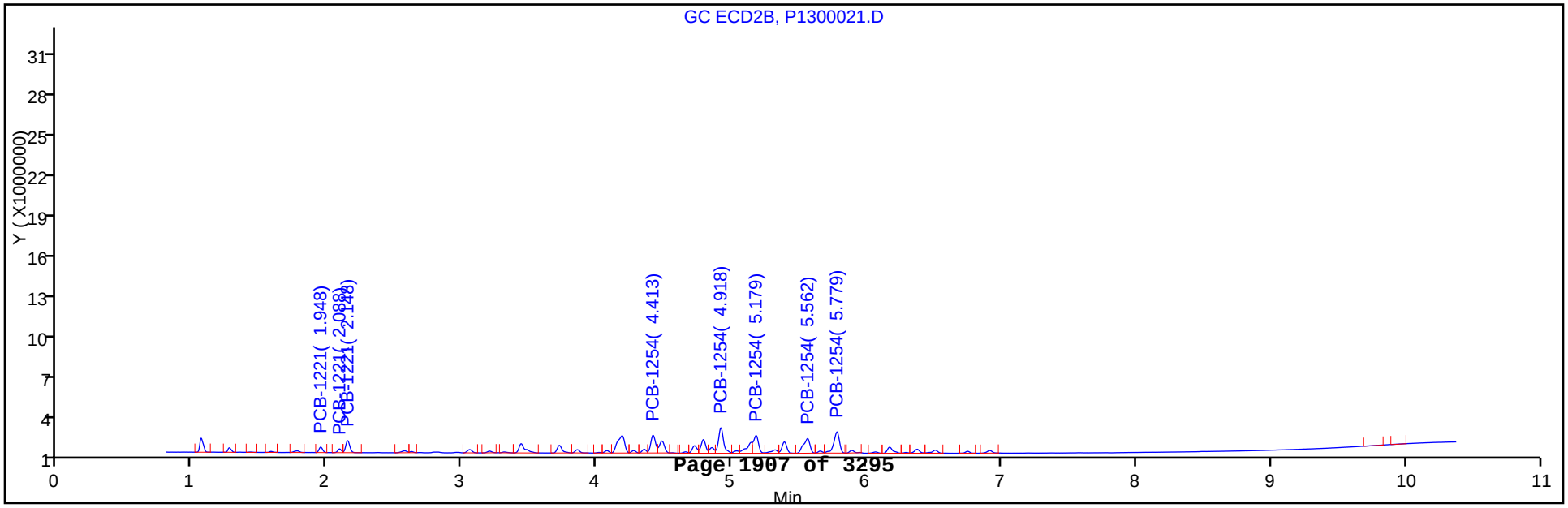
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Injection Date:	21-Oct-2012 21:21:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



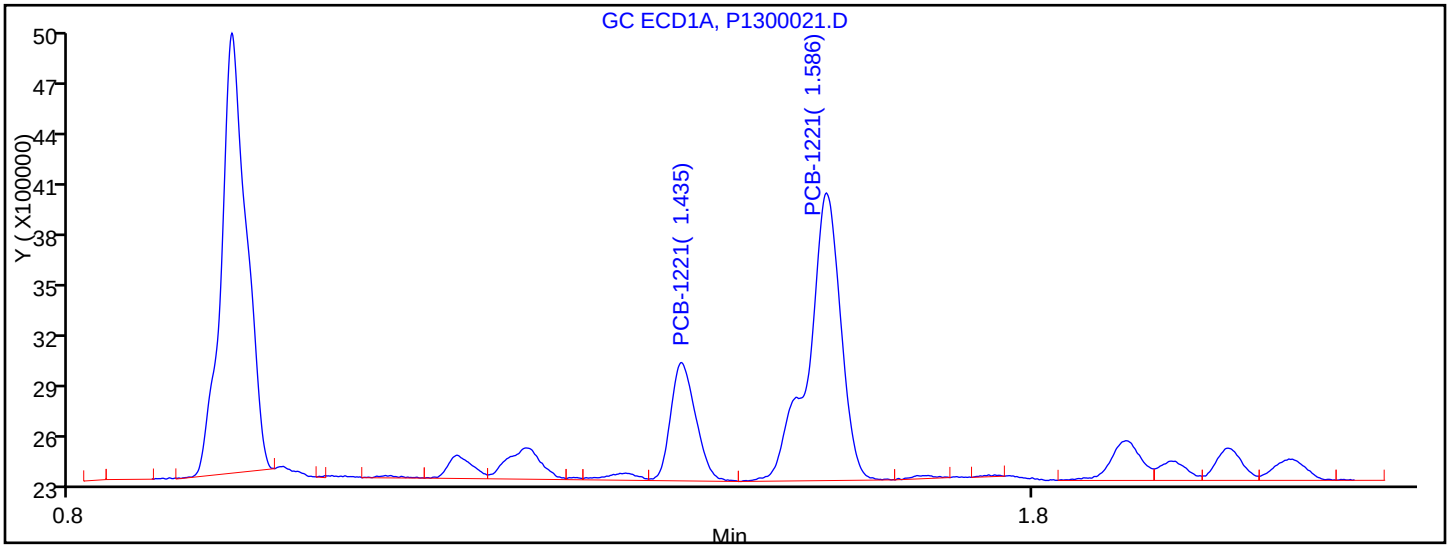
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

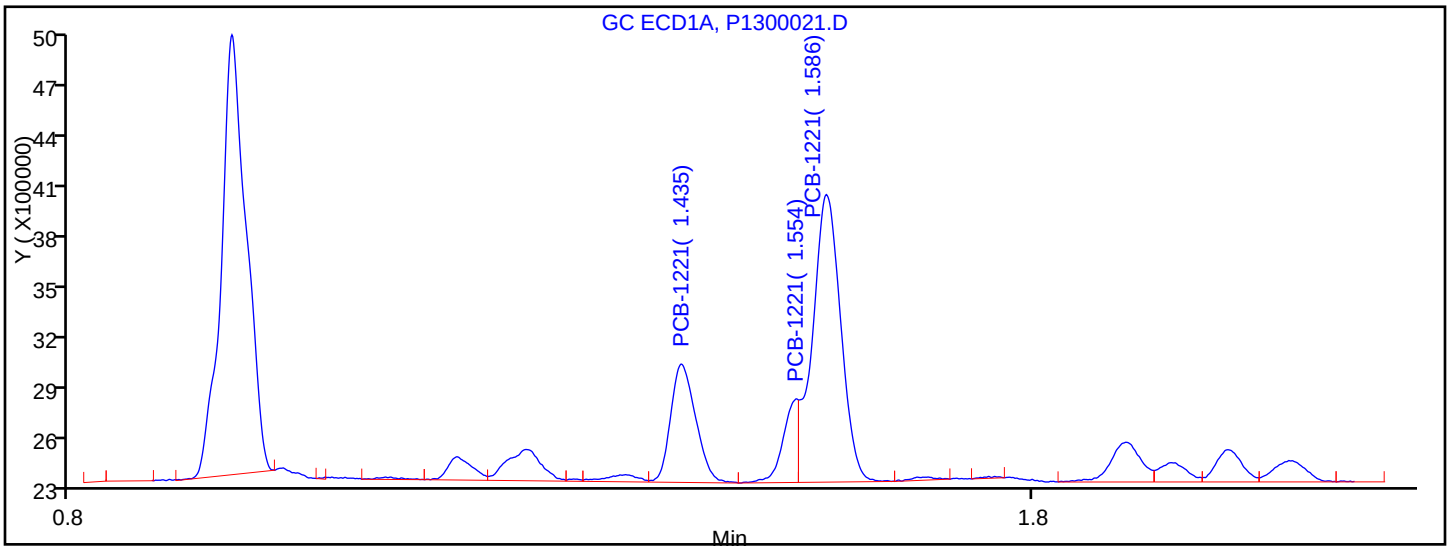
Injection Date:	21-Oct-2012 21:21:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

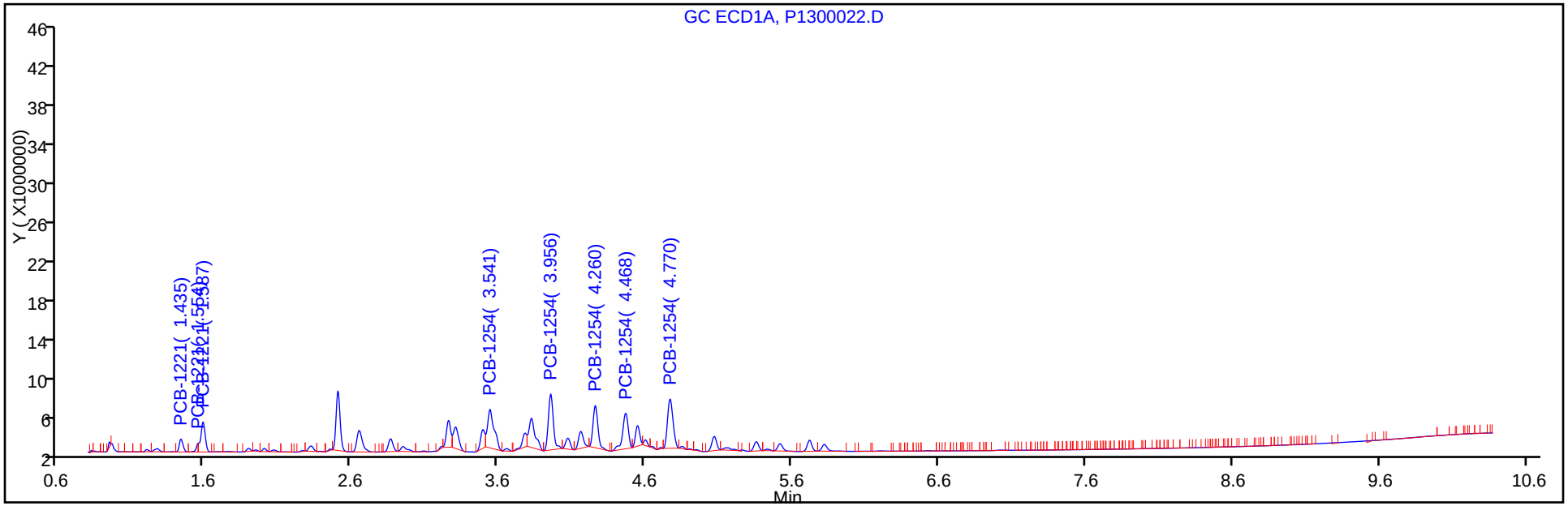
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

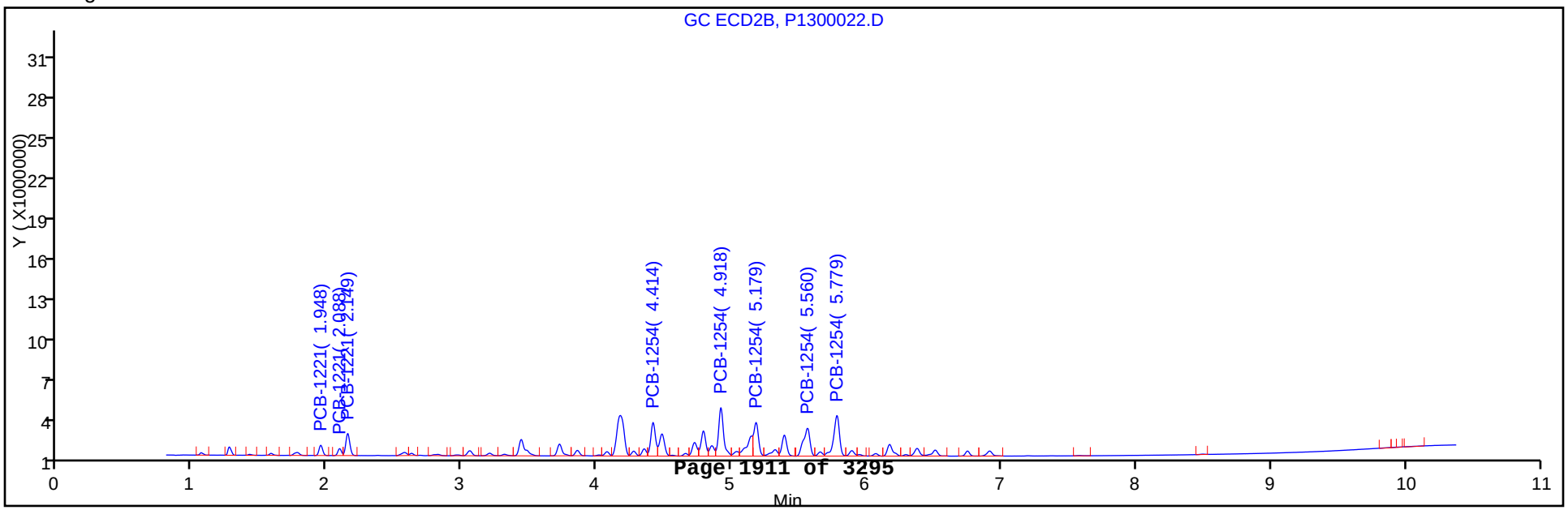
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



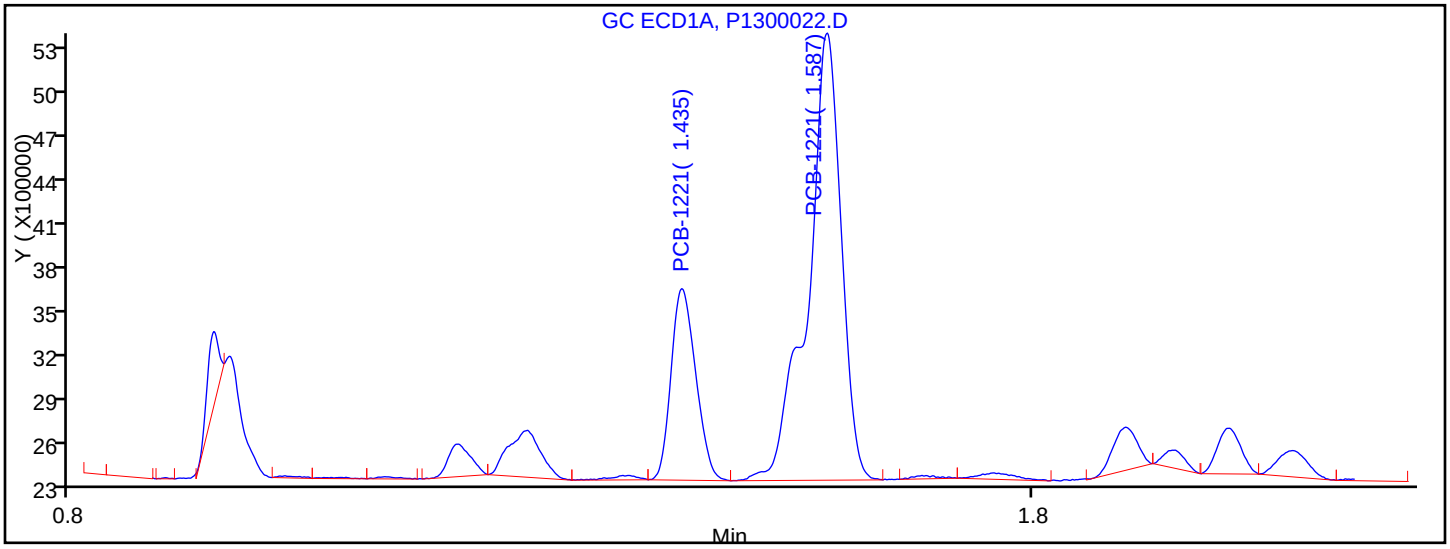
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

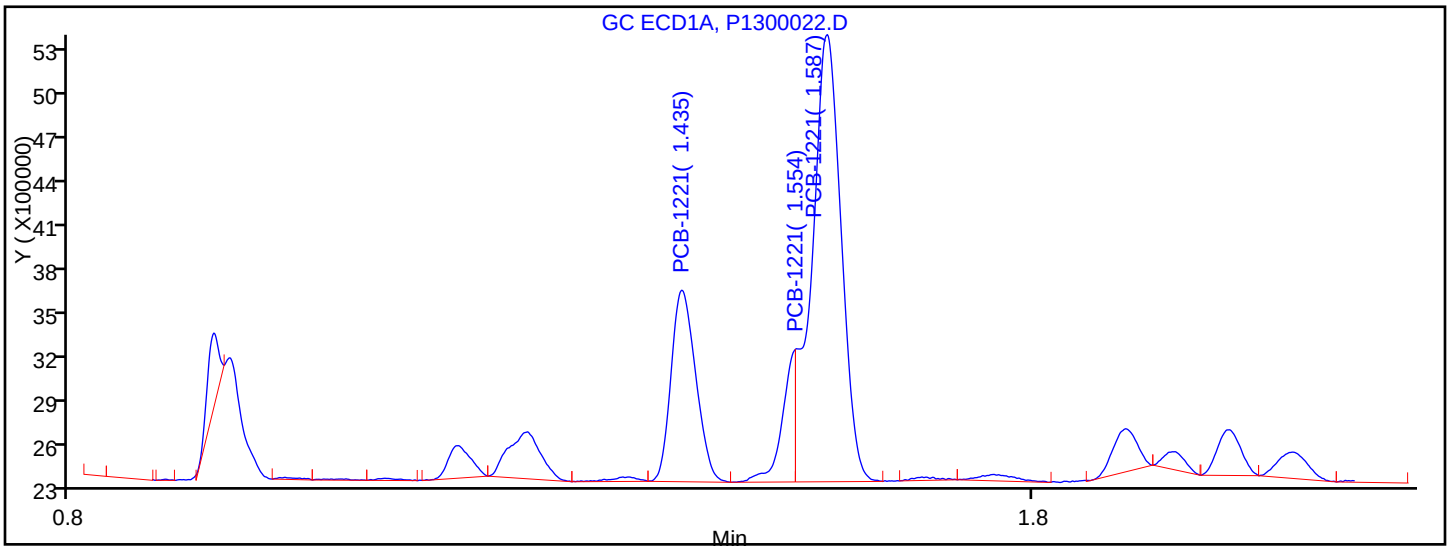
Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

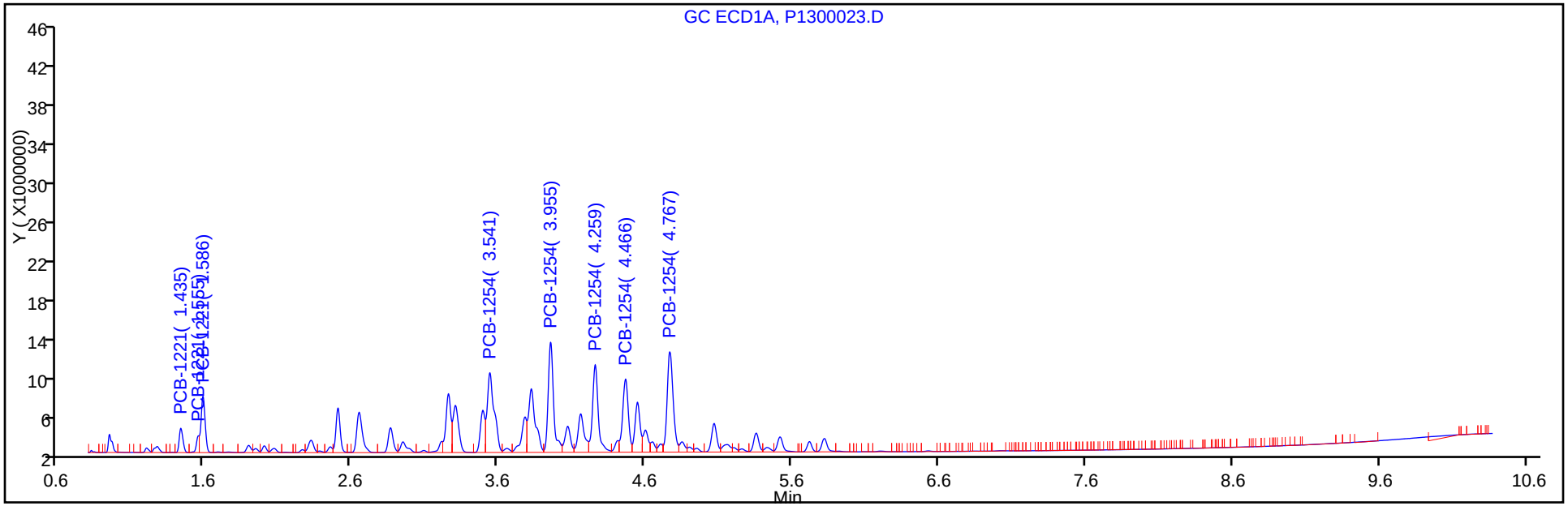
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

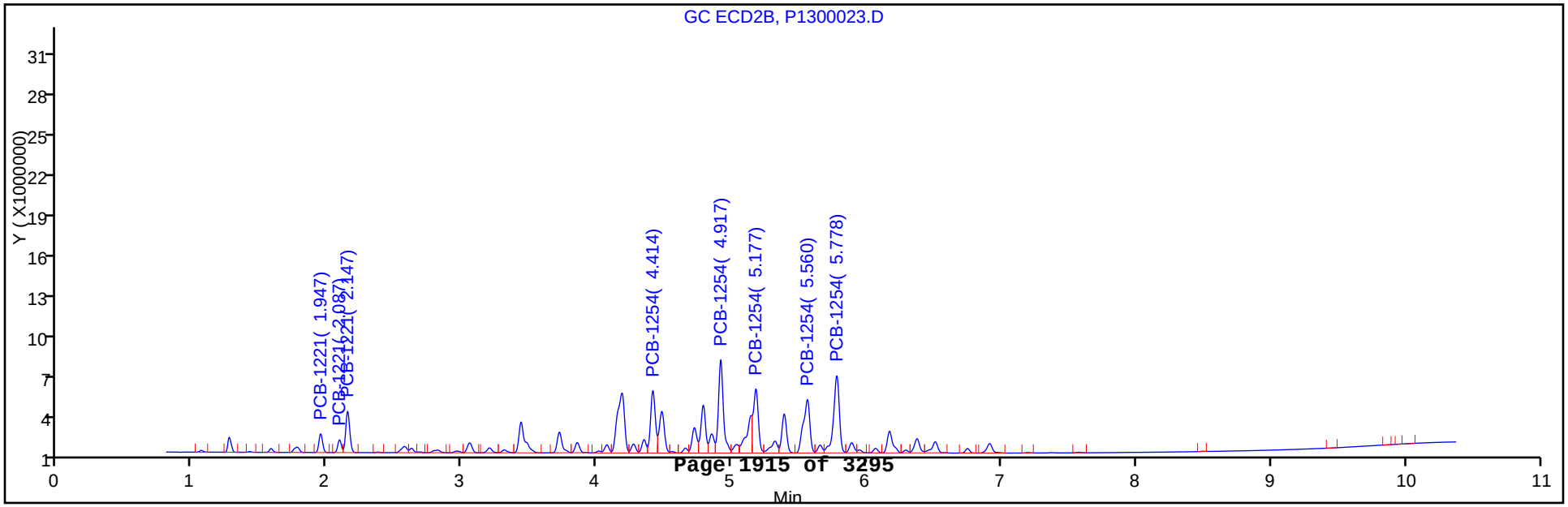
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



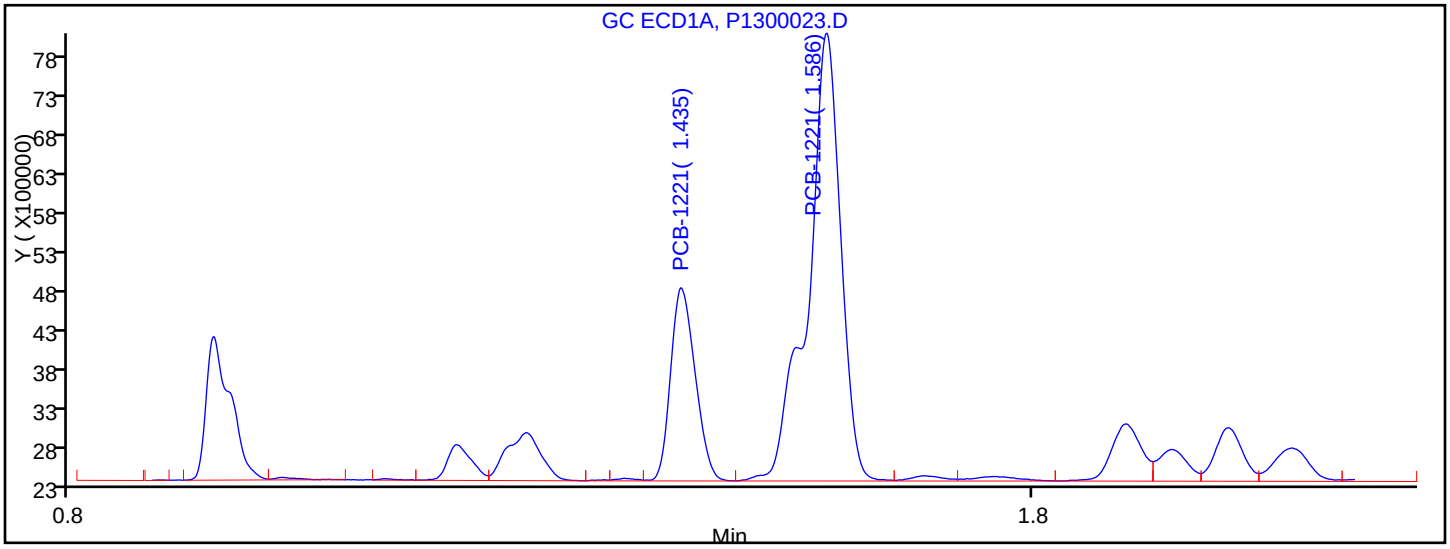
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

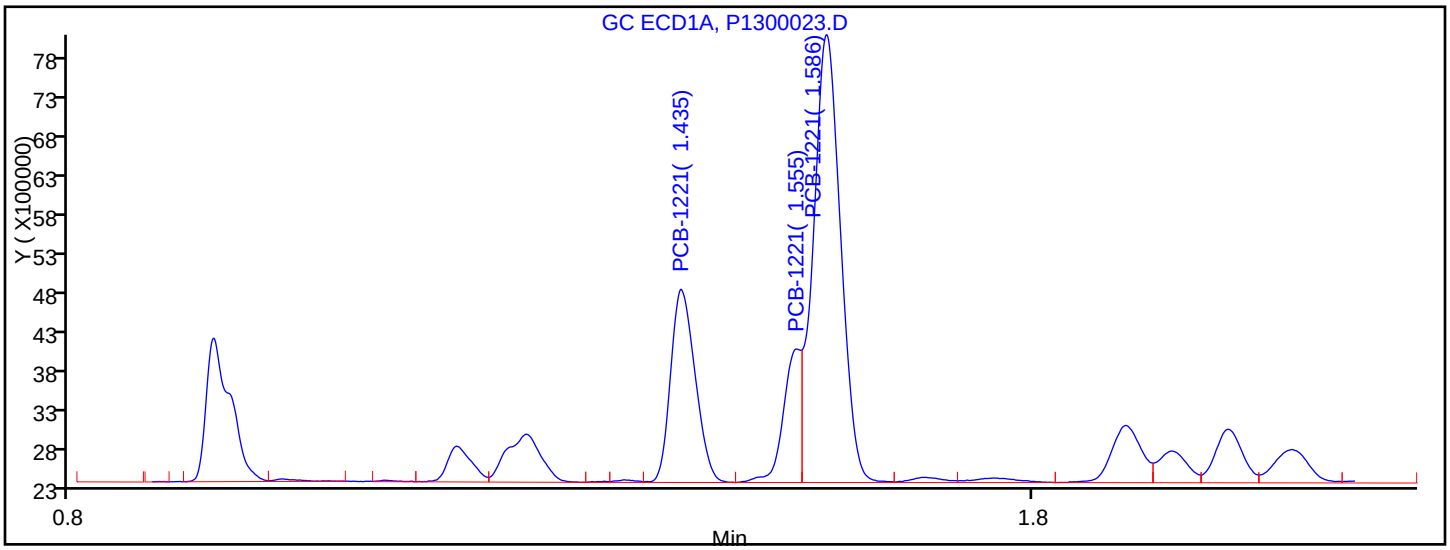
Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

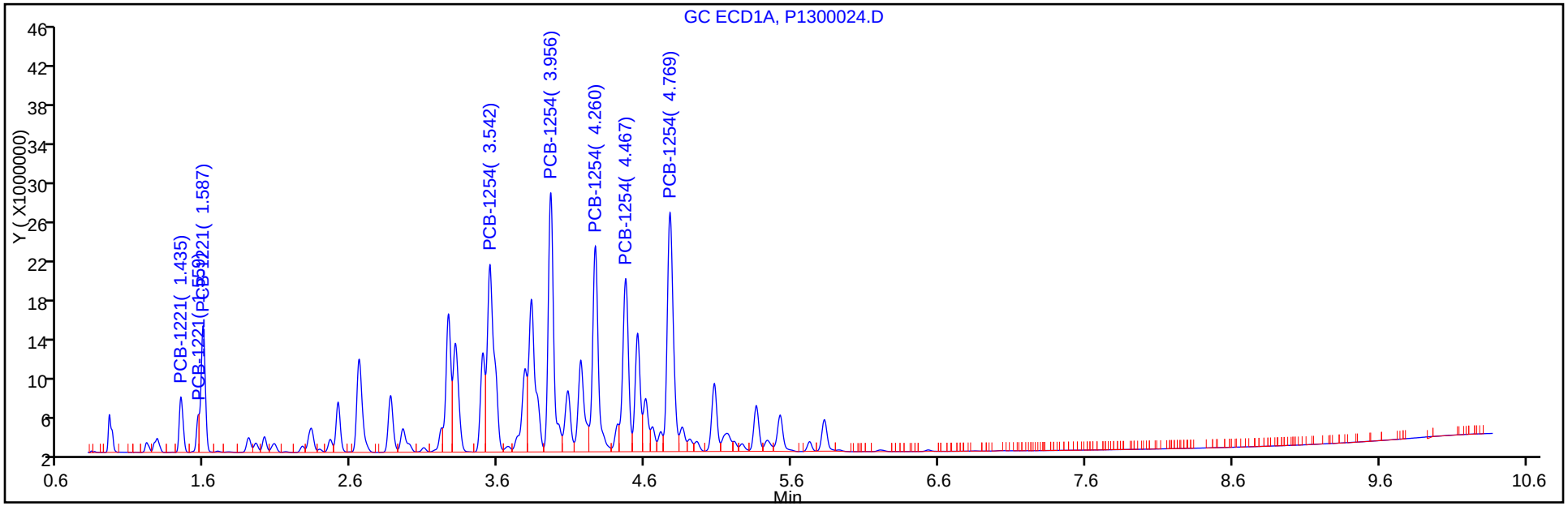
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

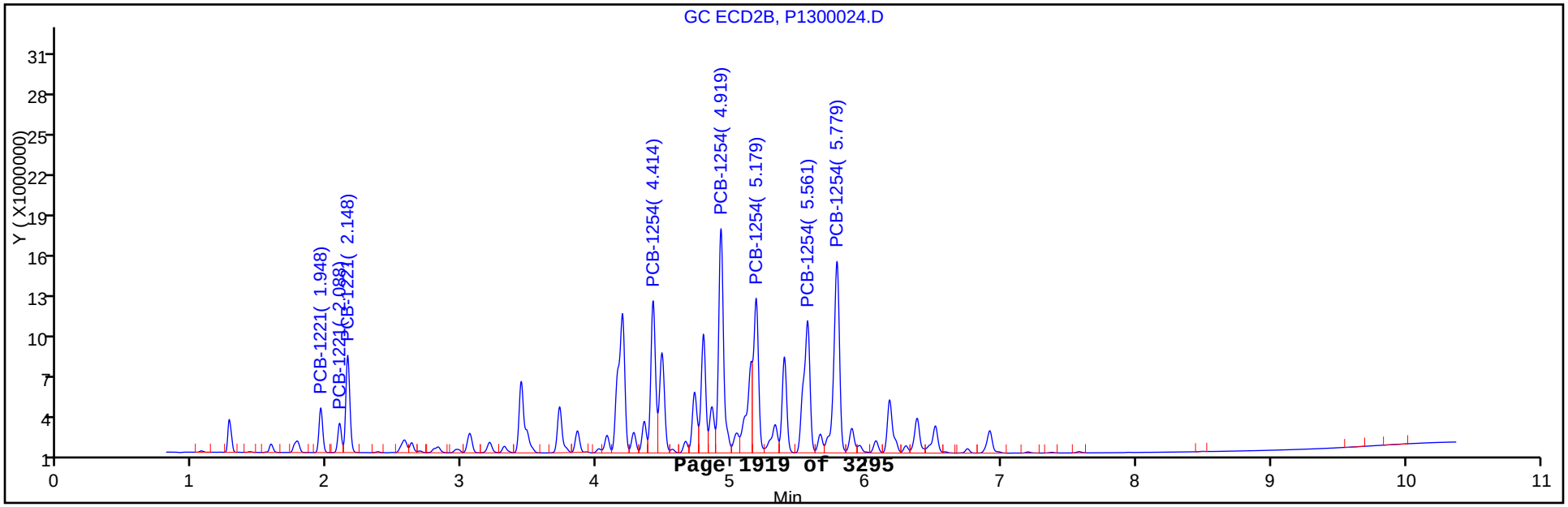
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



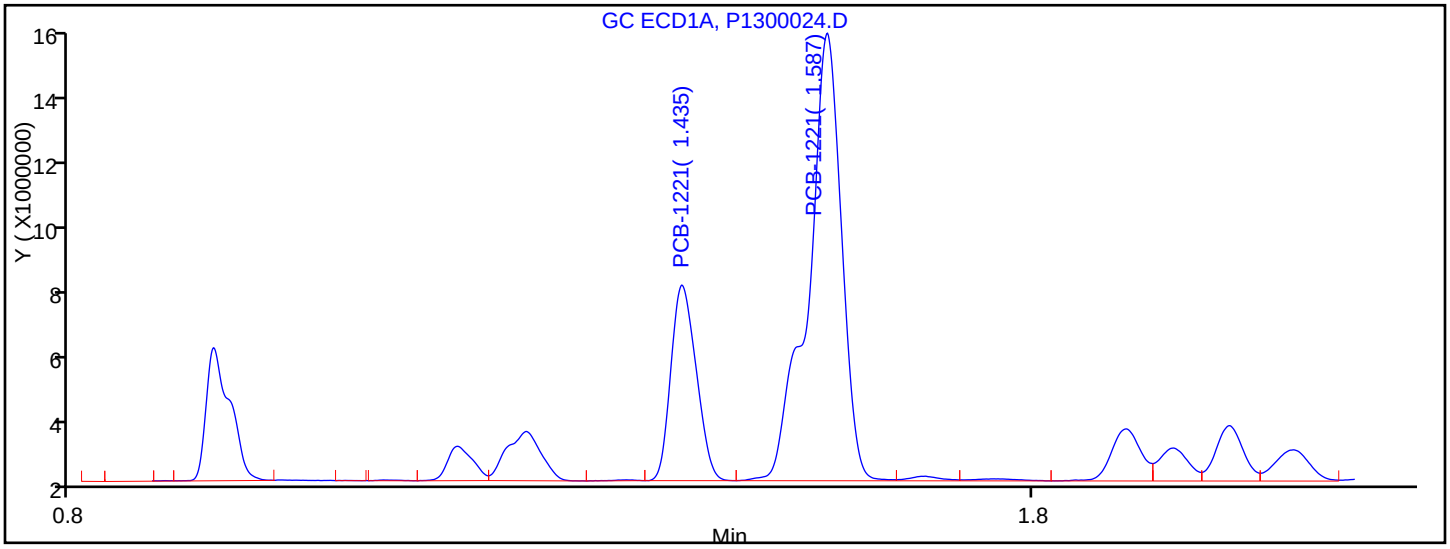
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

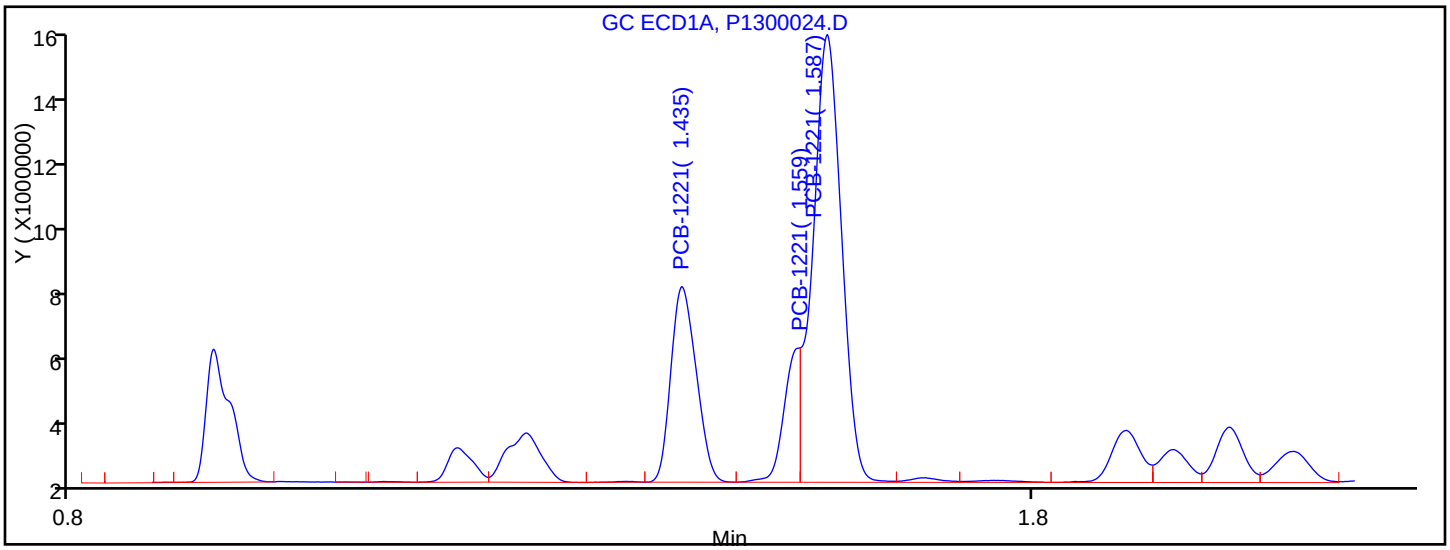
Injection Date:	21-Oct-2012 22:06:41	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	24
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

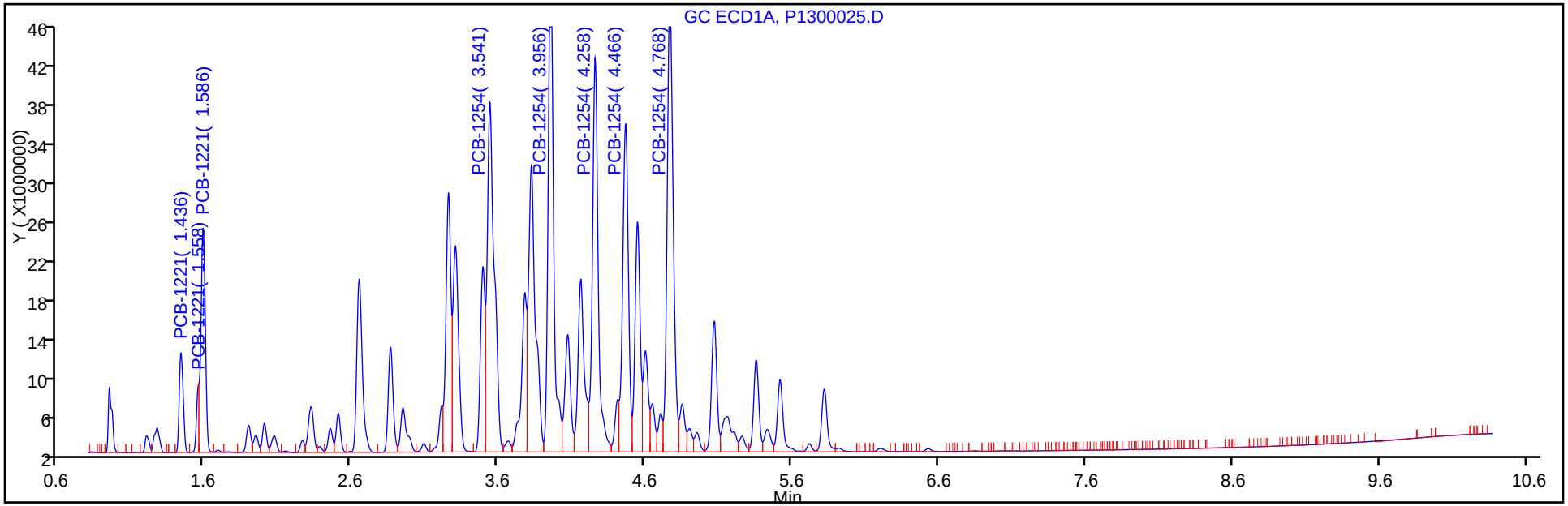
Report Date: 22-Oct-2012 09:18:14 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

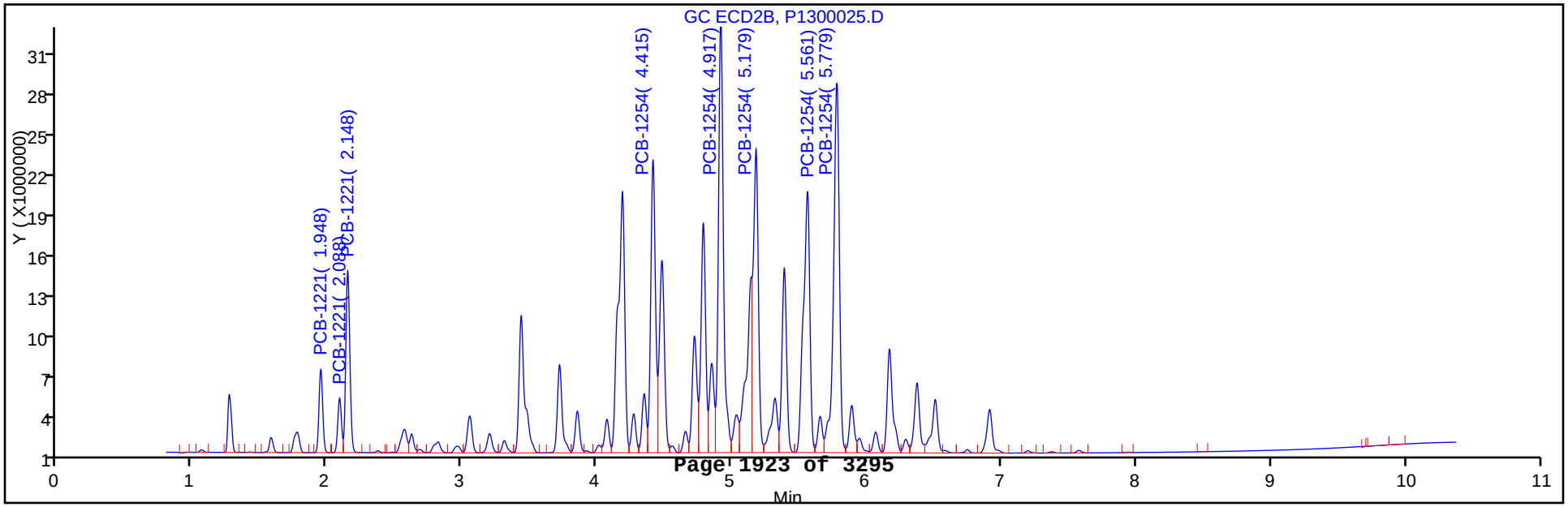
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



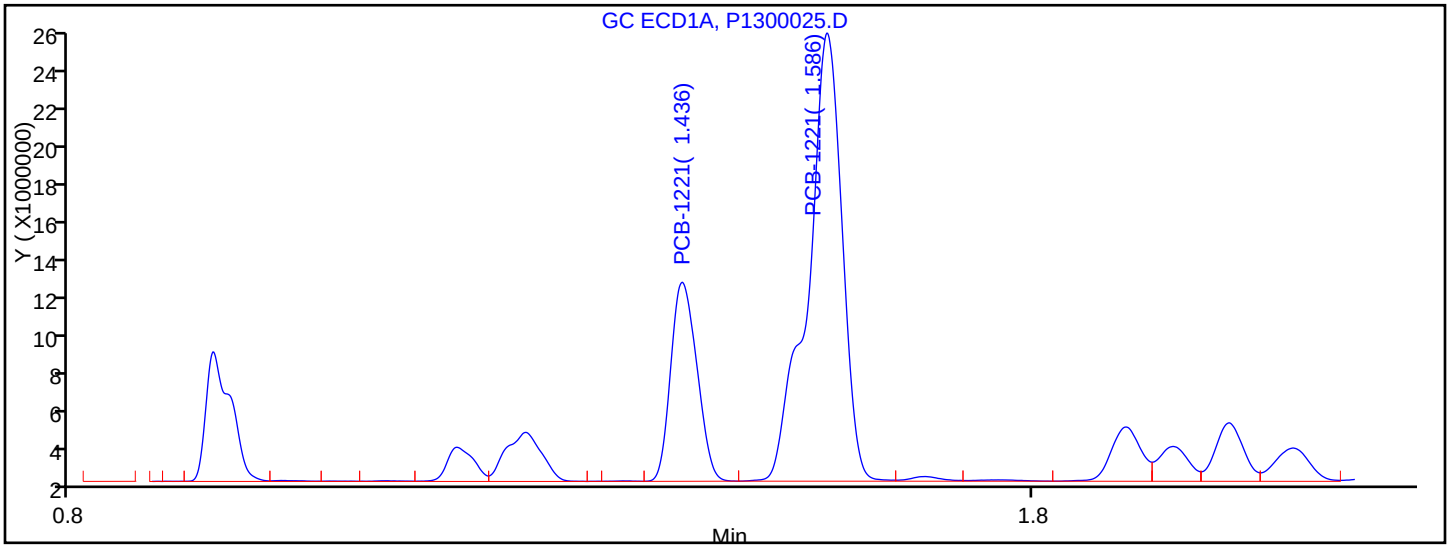
Report Date: 22-Oct-2012 09:18:15 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

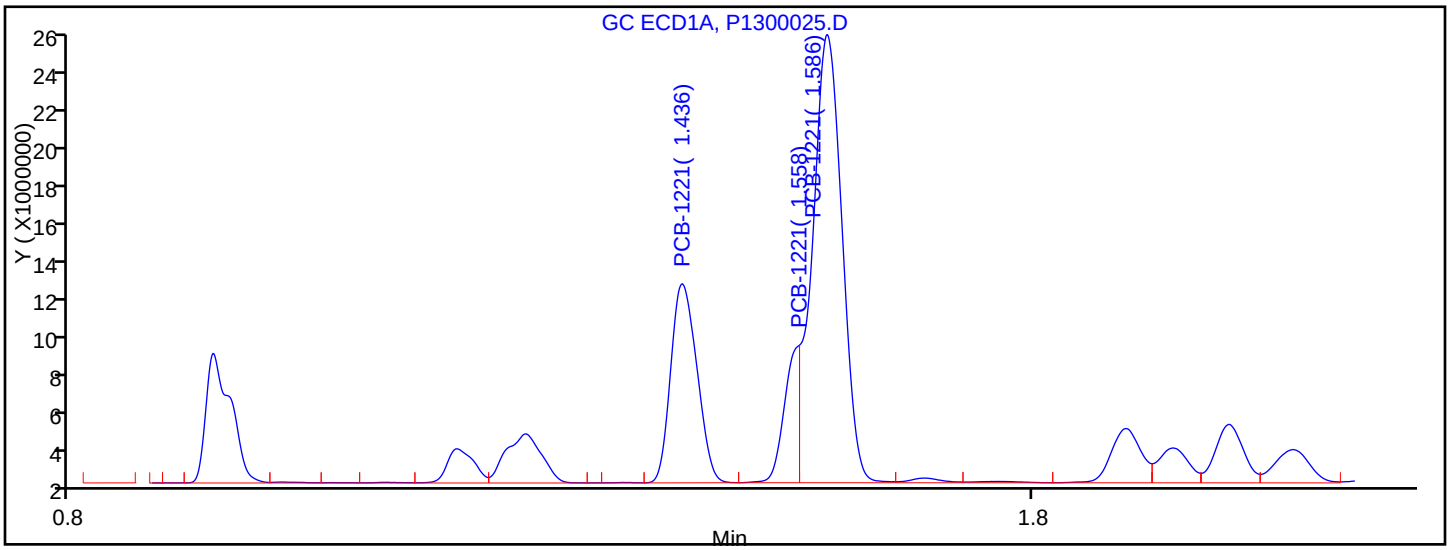
Injection Date:	21-Oct-2012 22:21:34	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	25
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

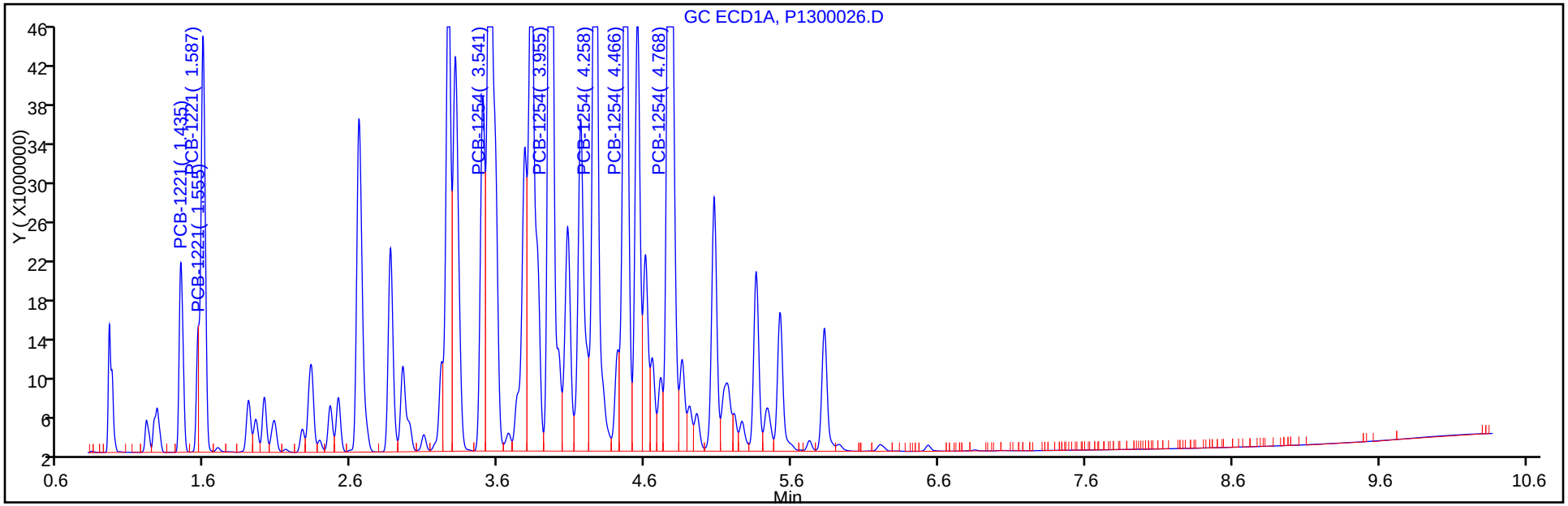
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

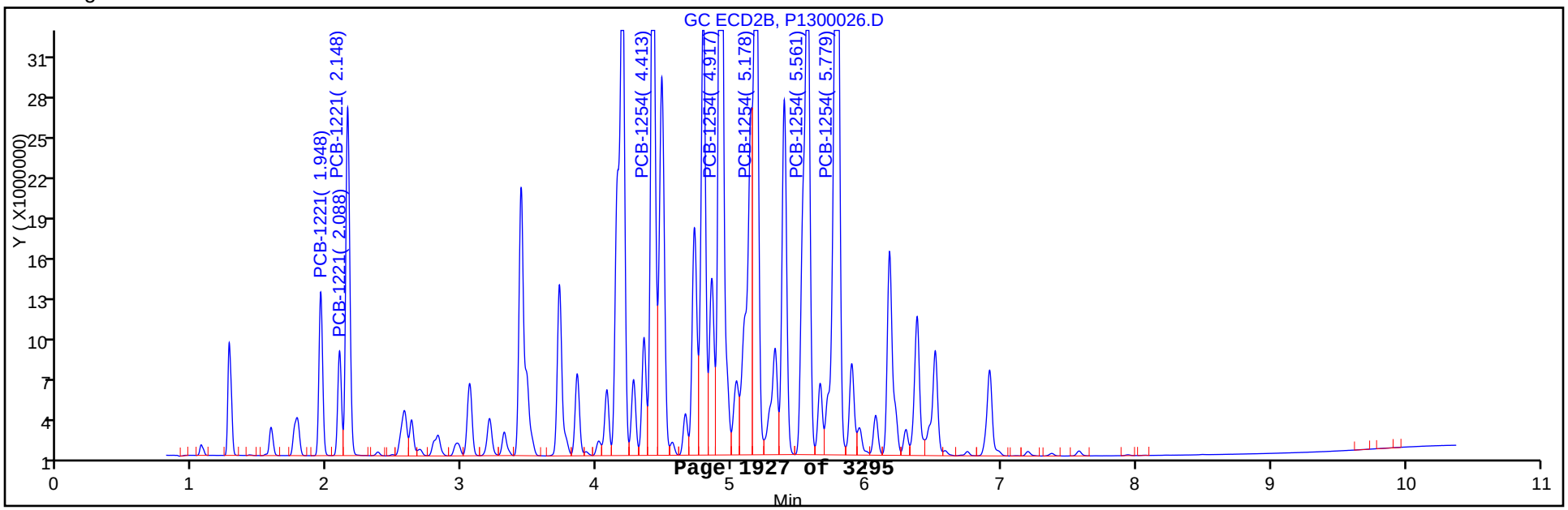
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



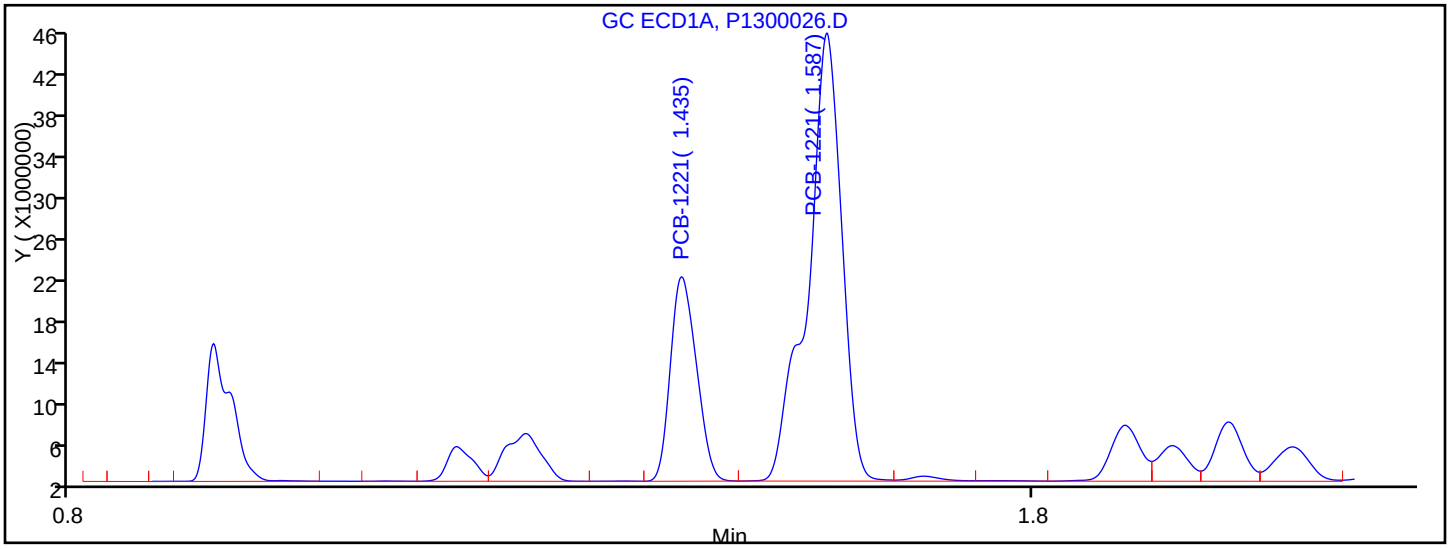
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

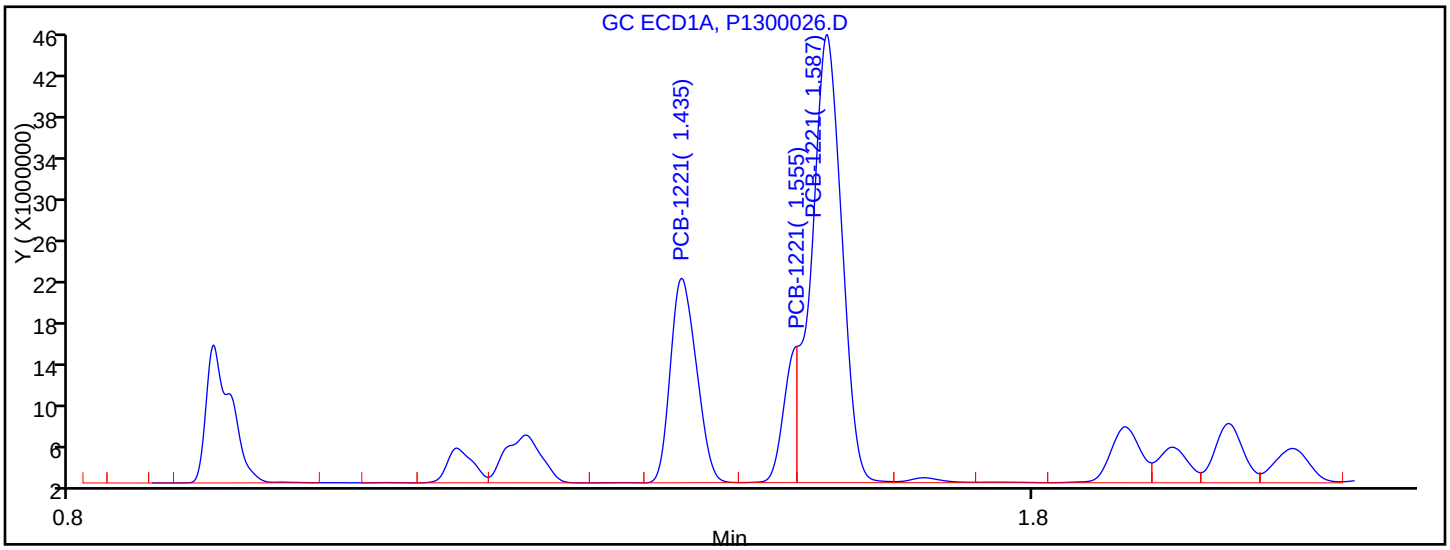
Injection Date:	21-Oct-2012 22:36:27	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	26
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 36752731	
RT = 1.586	Response = 0	M
RT = 1.587	Response = 104921716	M



Manual Integration Results

RT = 1.435	Response = 36752731	
RT = 1.555	Response = 11928209	M
RT = 1.587	Response = 92993540	M

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

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

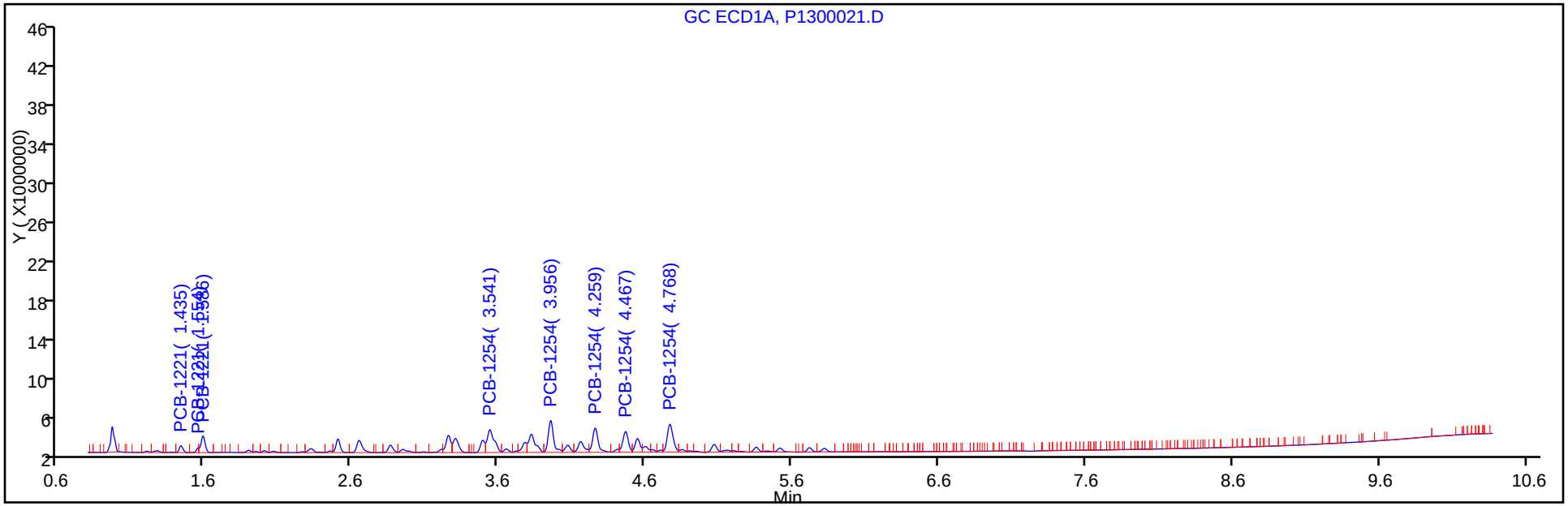
Report Date: 22-Oct-2012 09:18:21 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

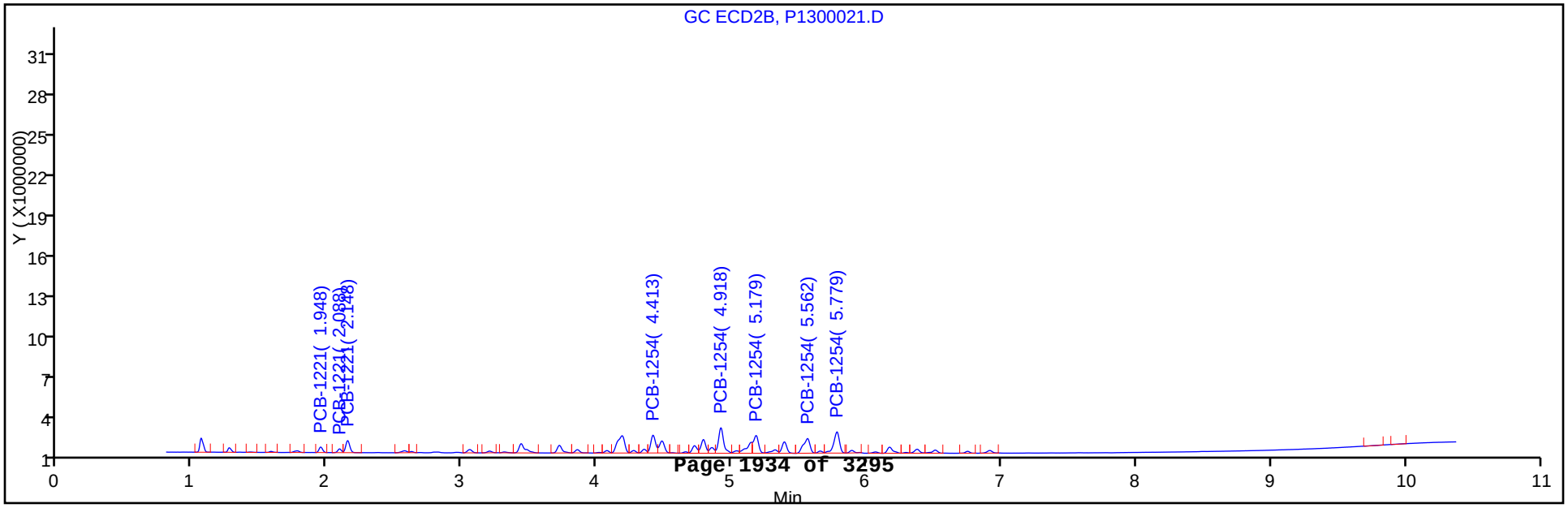
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Injection Date:	21-Oct-2012 21:21:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

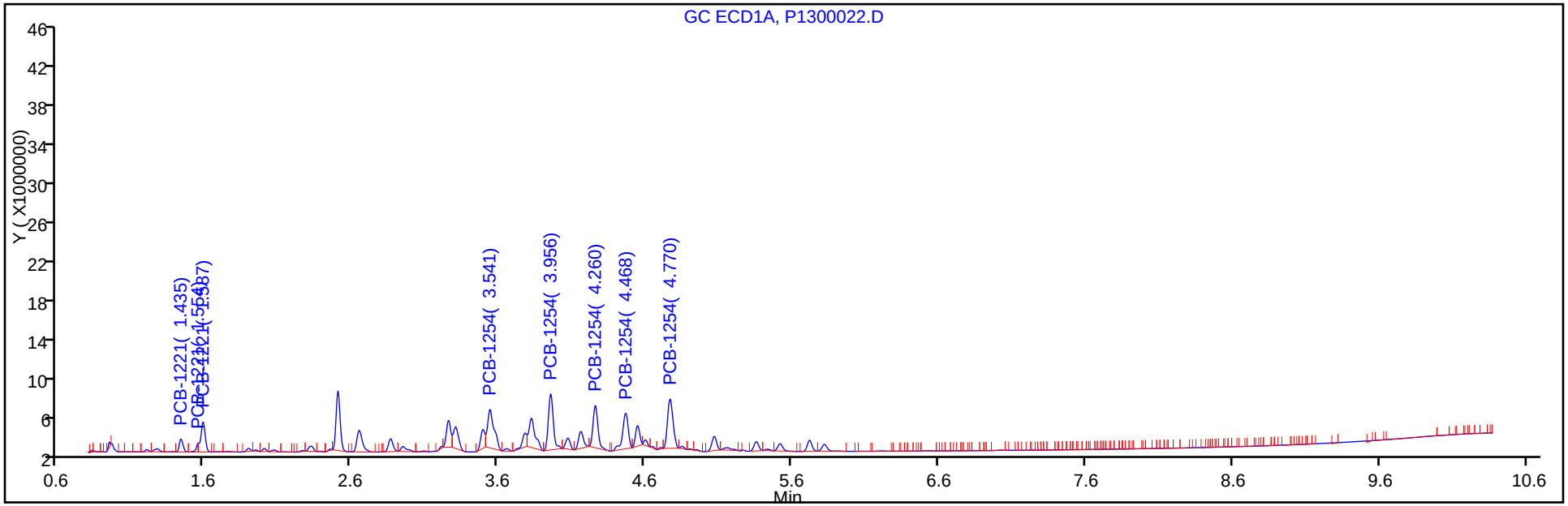
Report Date: 22-Oct-2012 09:18:19 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

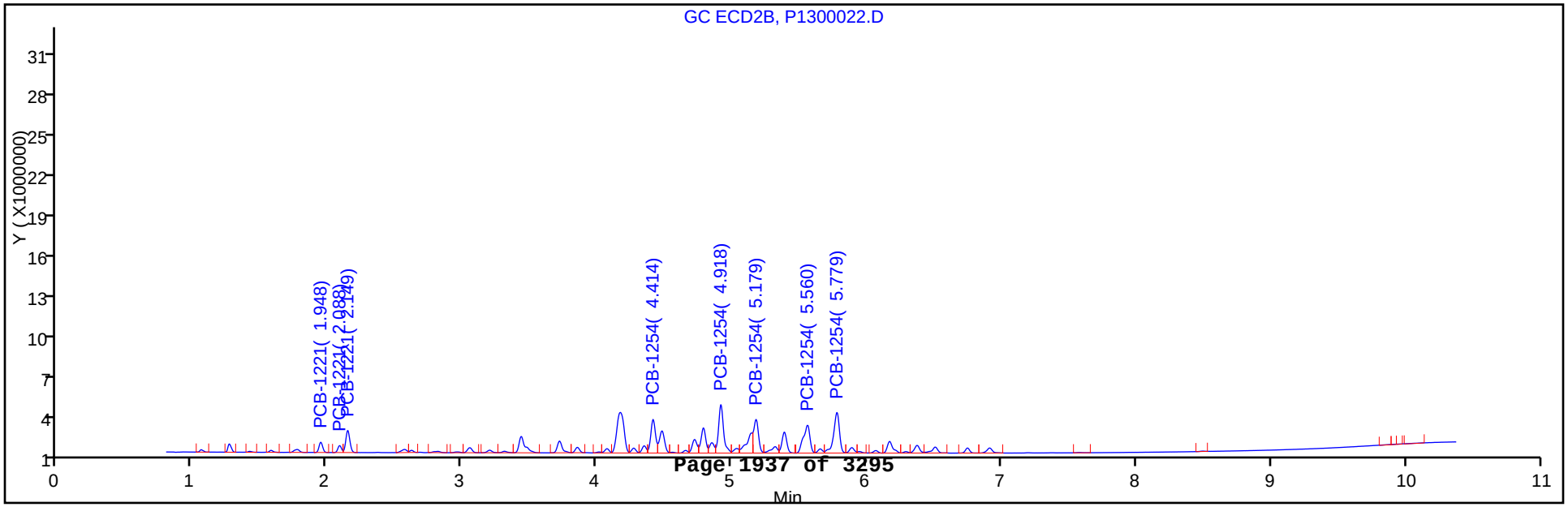
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300022.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



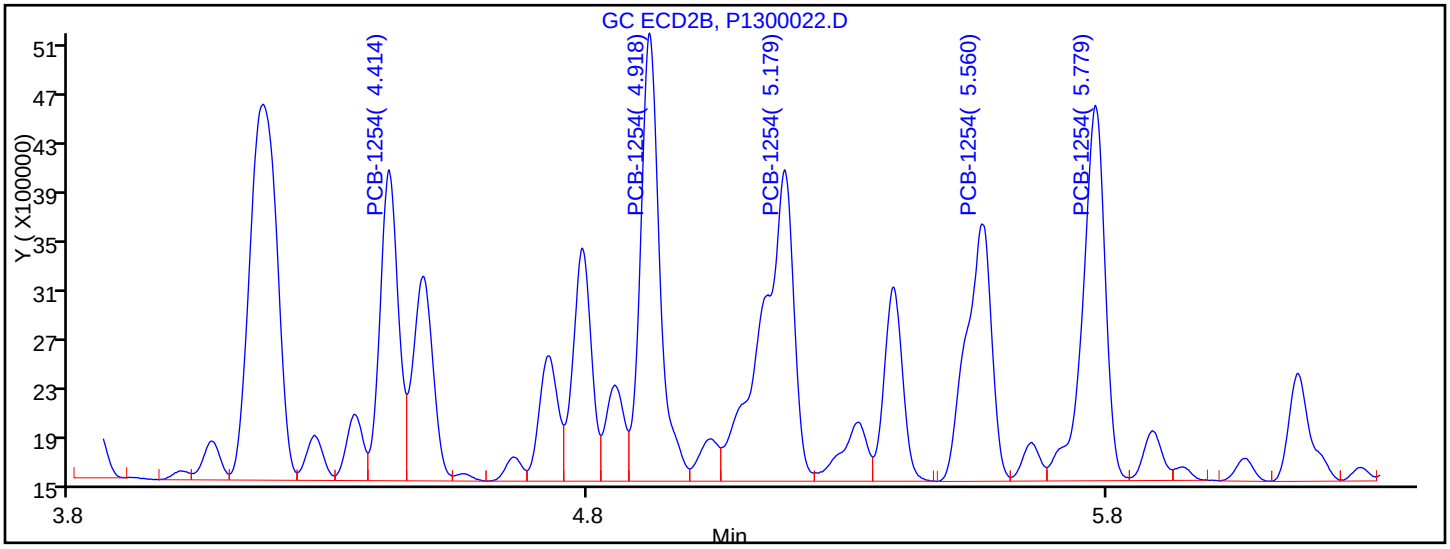
Report Date: 22-Oct-2012 09:18:20 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

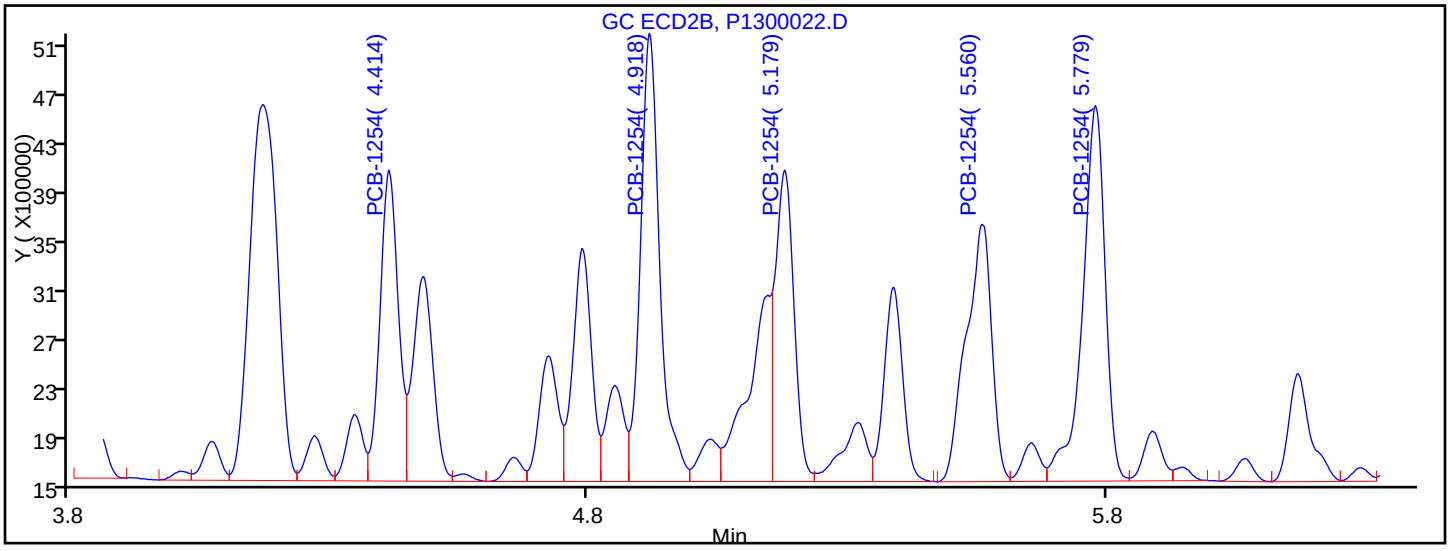
Injection Date:	21-Oct-2012 21:36:53	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 PCB-1254, Detector: 2, GC ecd2b



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

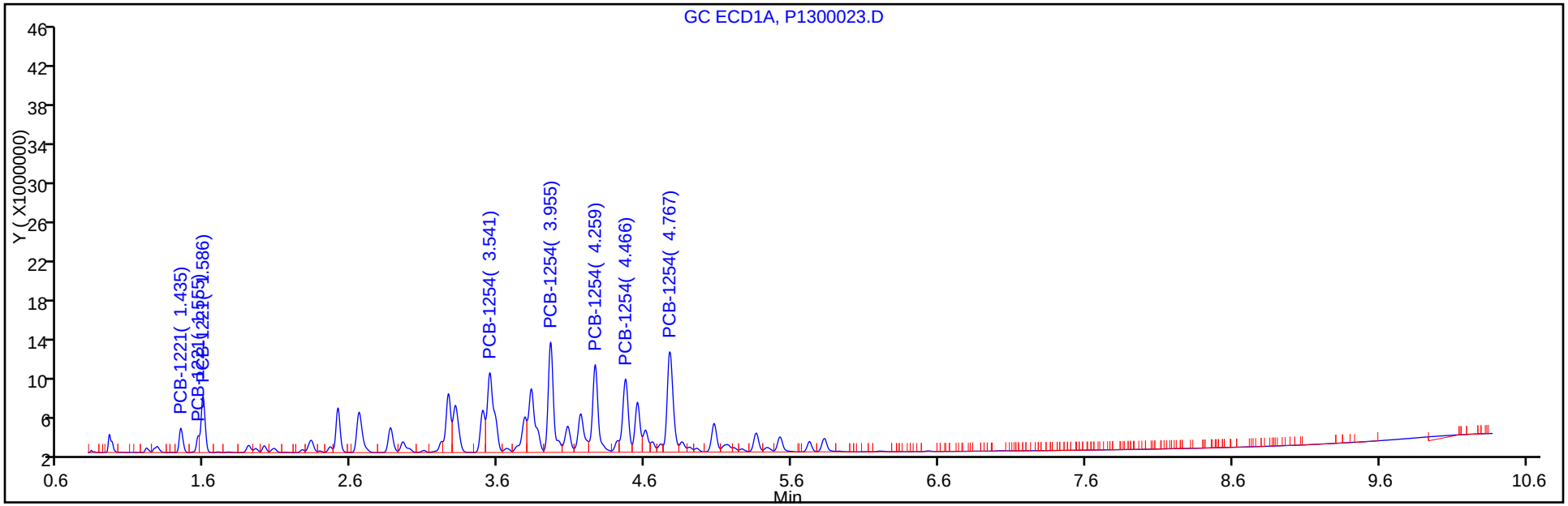
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

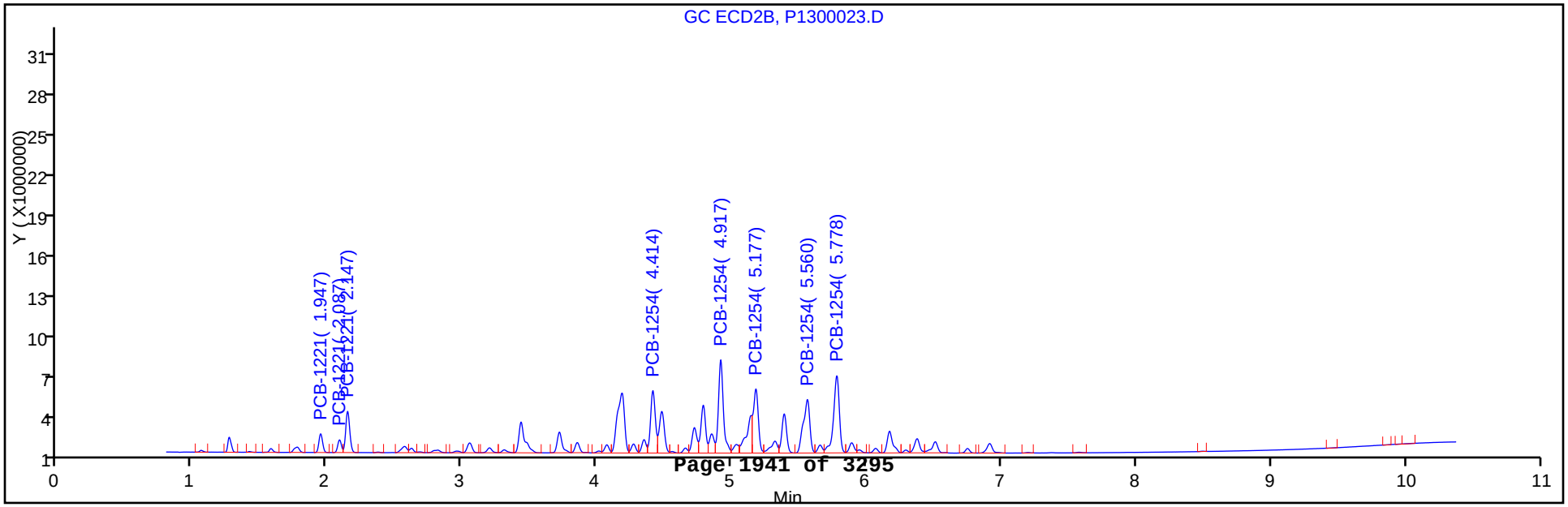
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300023.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



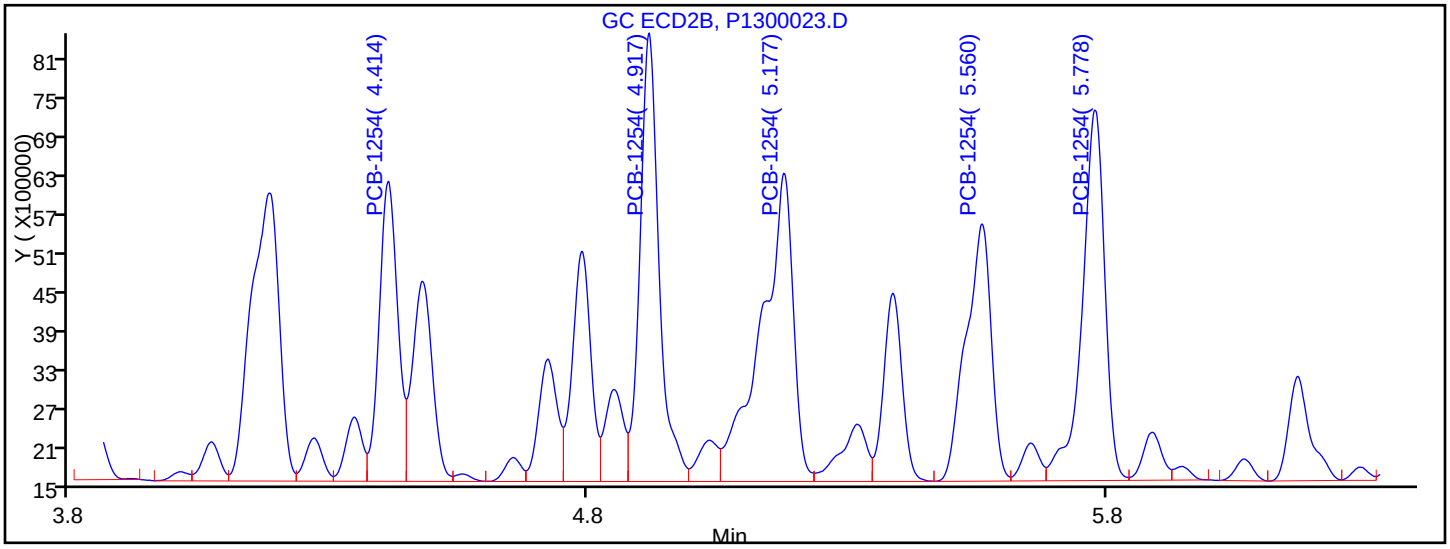
Report Date: 22-Oct-2012 09:18:18 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

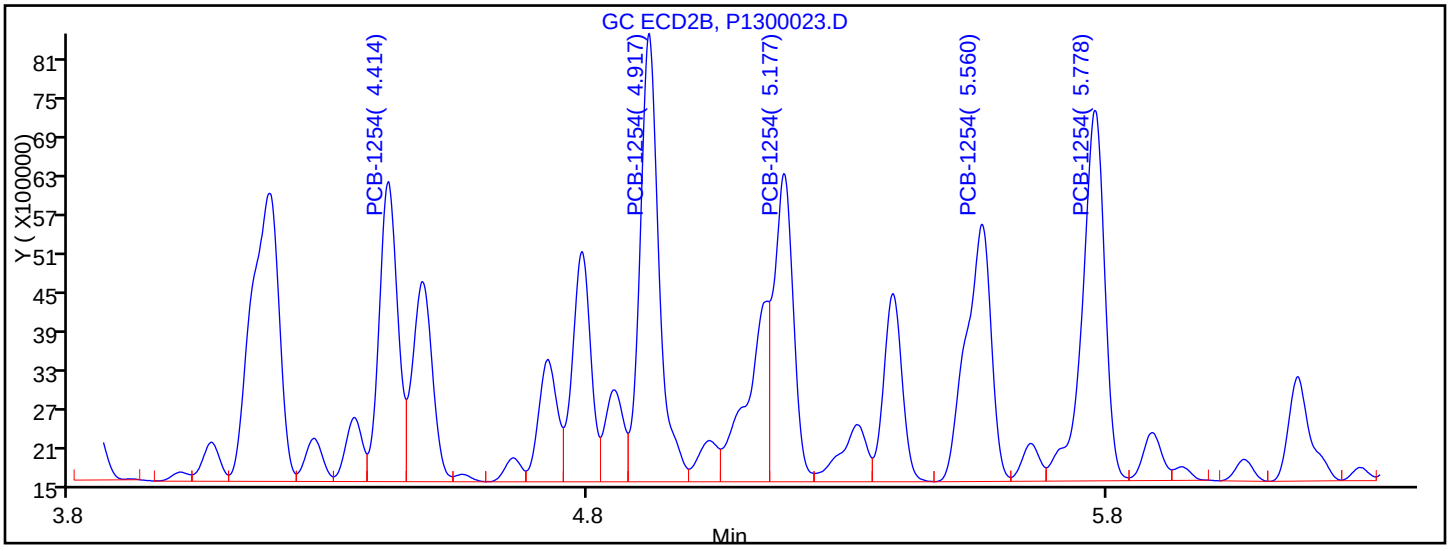
Injection Date:	21-Oct-2012 21:51:47	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	23
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 PCB-1254, Detector: 2, GC ecd2b



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

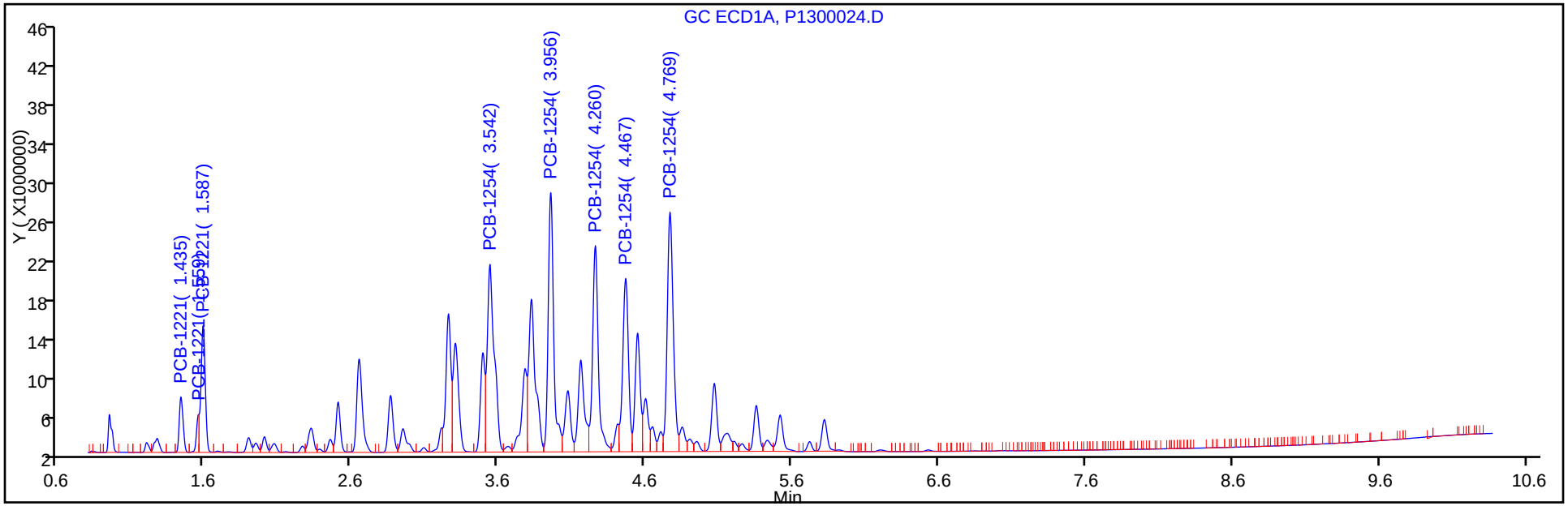
Report Date: 22-Oct-2012 09:18:16 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

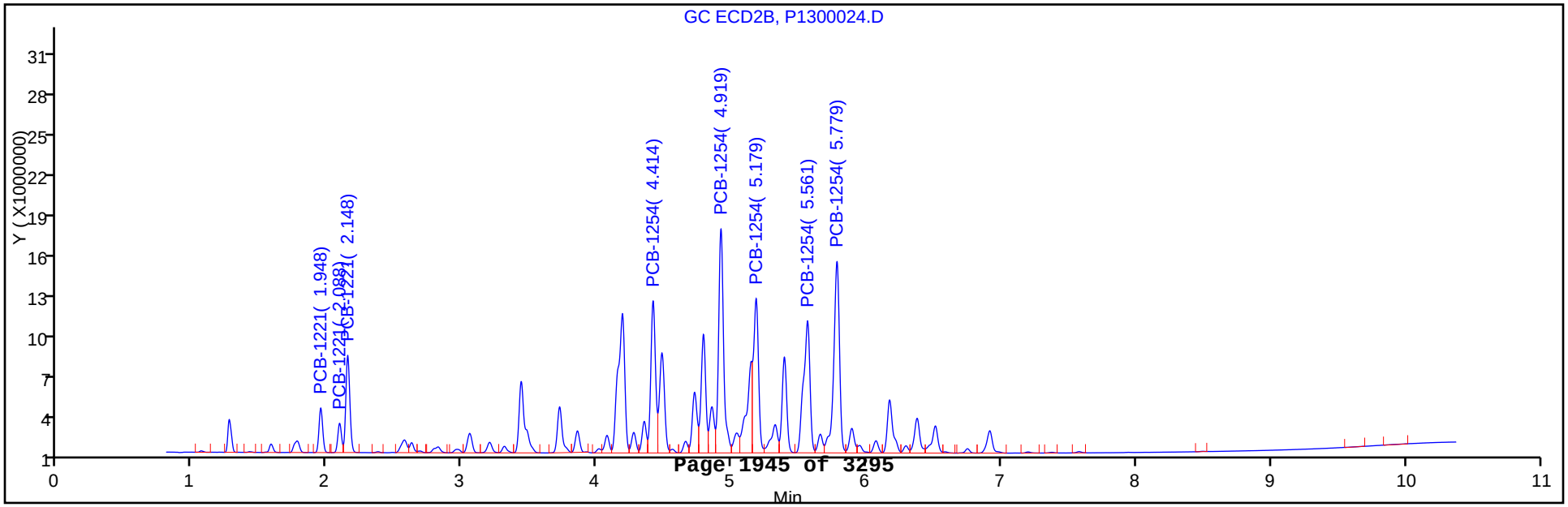
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300024.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

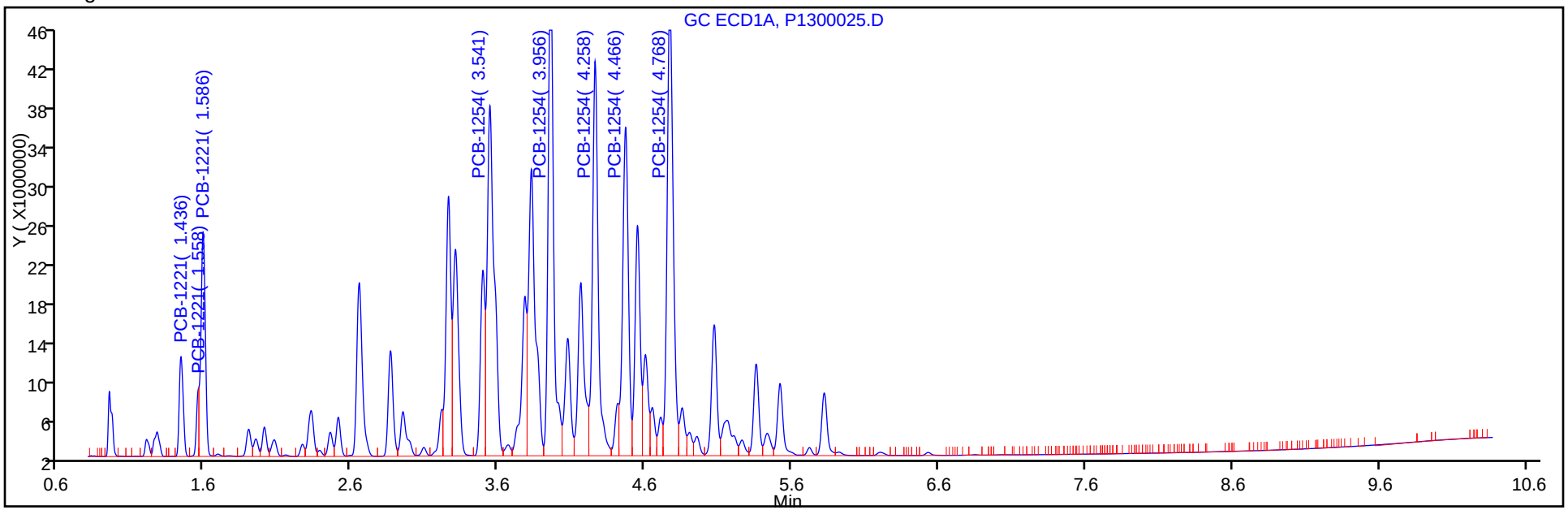
Report Date: 22-Oct-2012 09:18:15 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

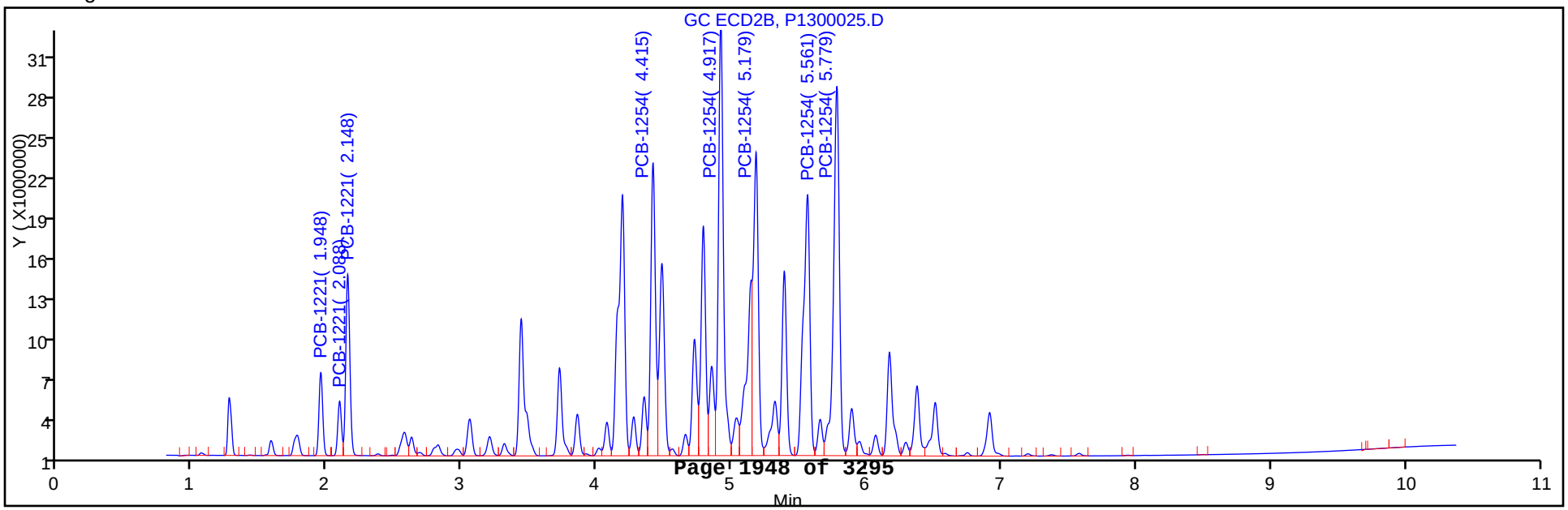
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300025.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

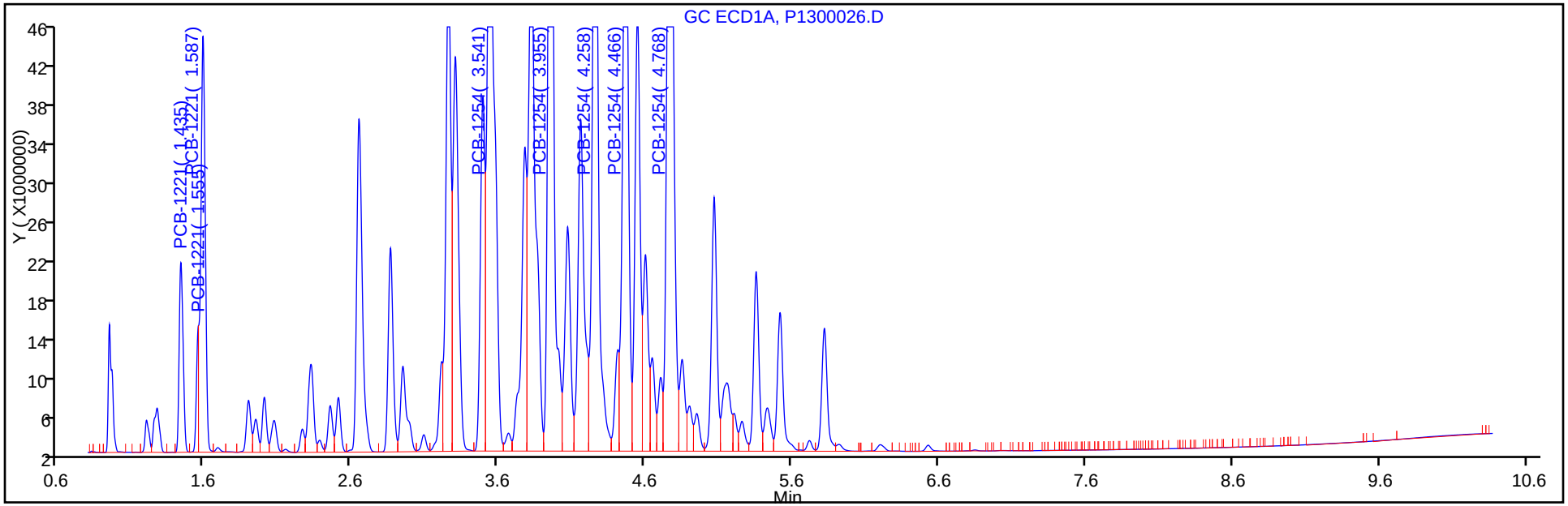
Report Date: 22-Oct-2012 09:18:13 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

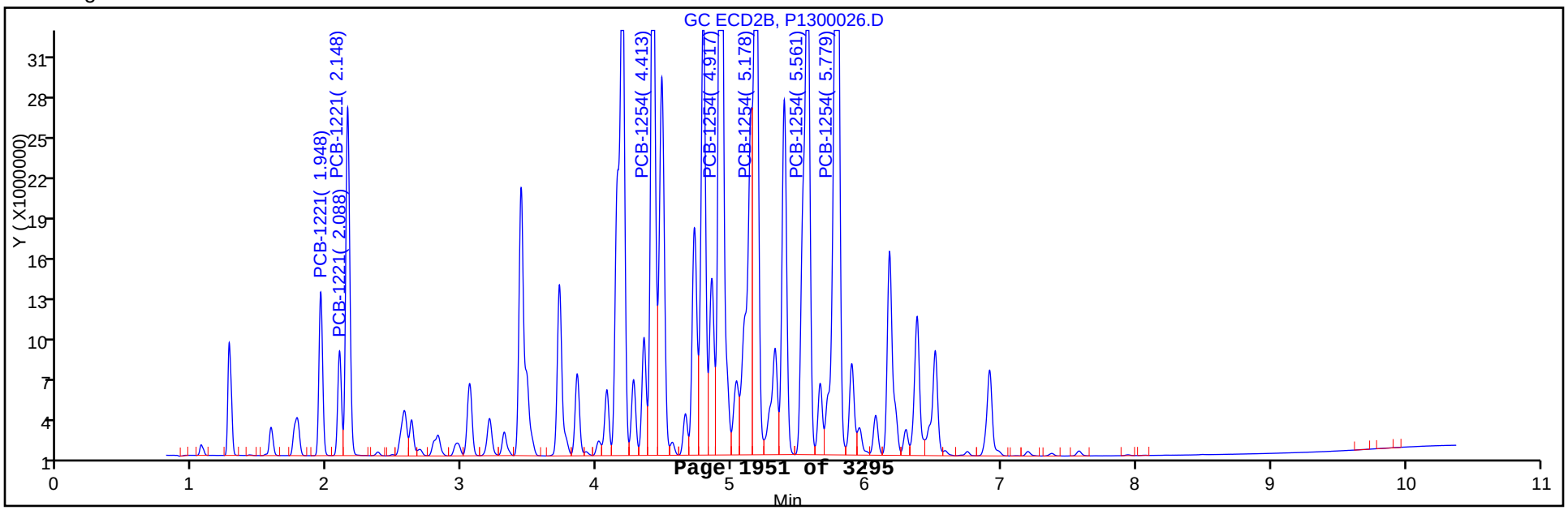
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300026.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

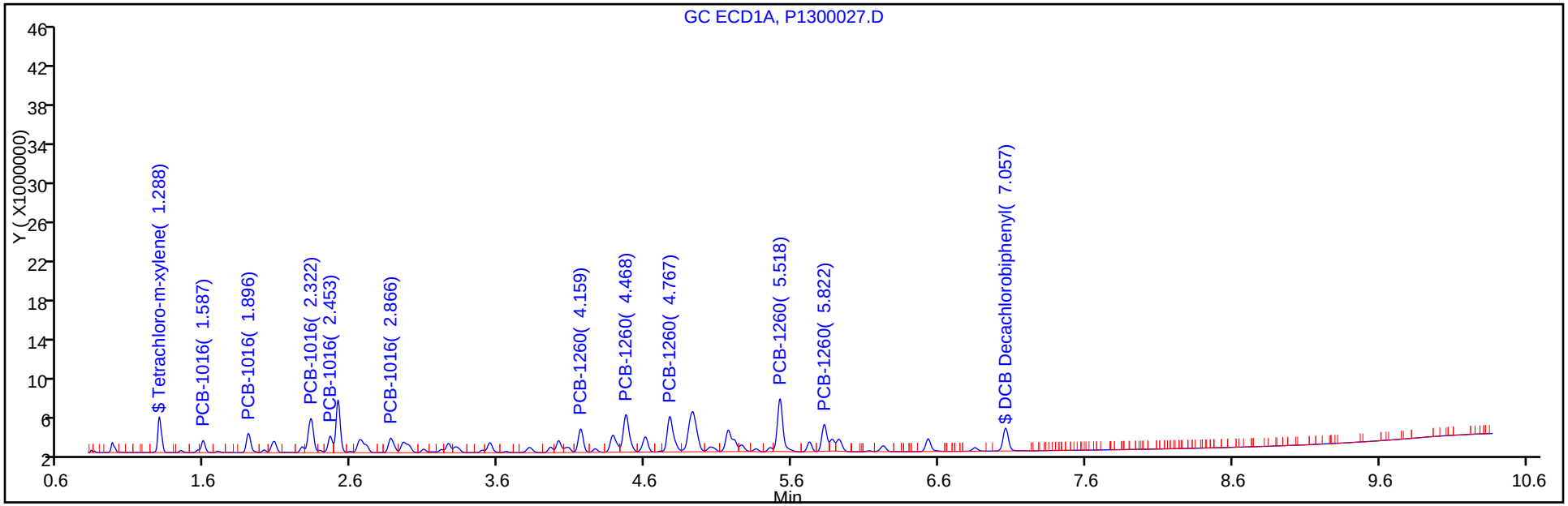
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

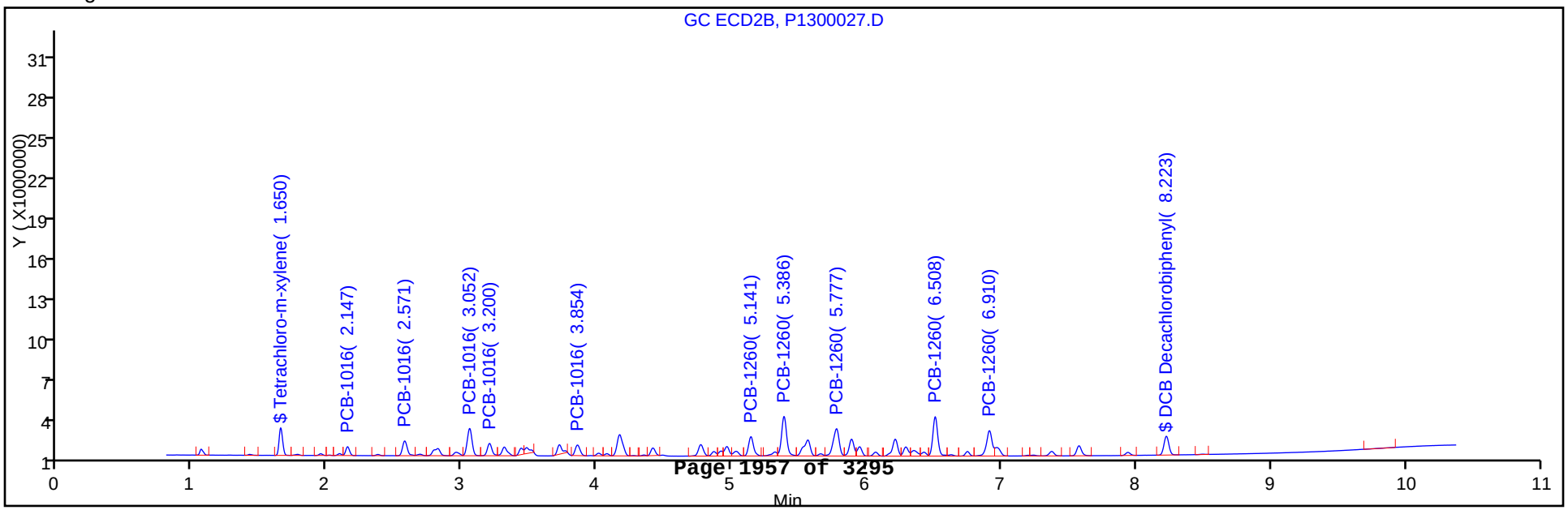
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Injection Date:	21-Oct-2012 22:51:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



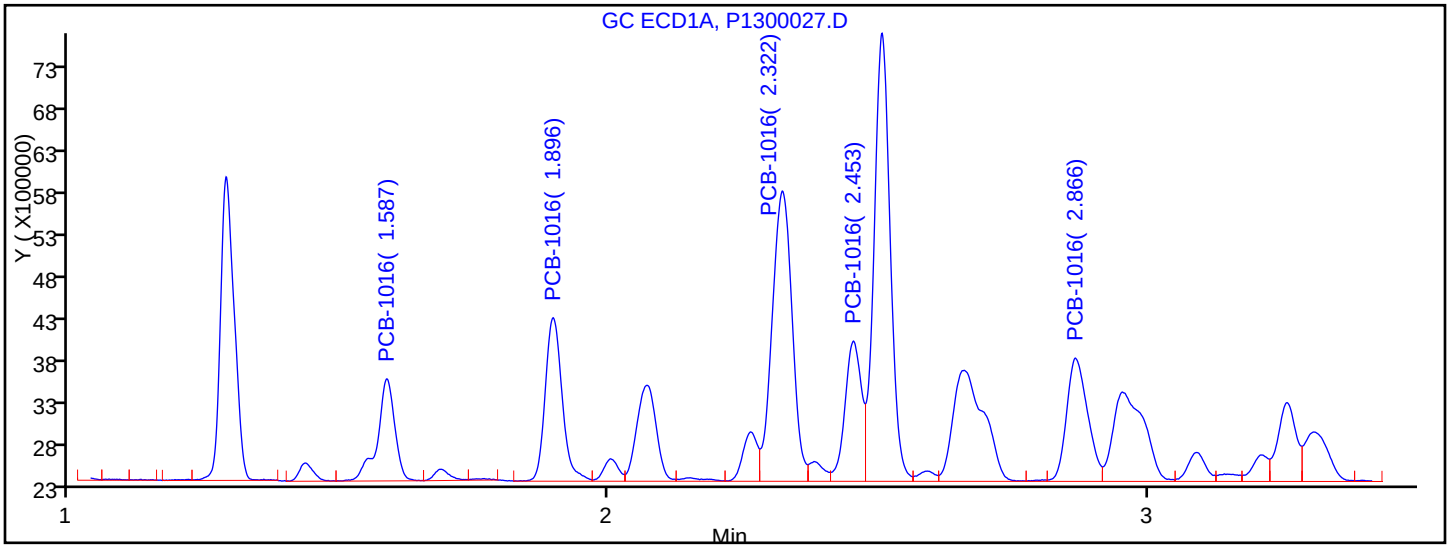
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

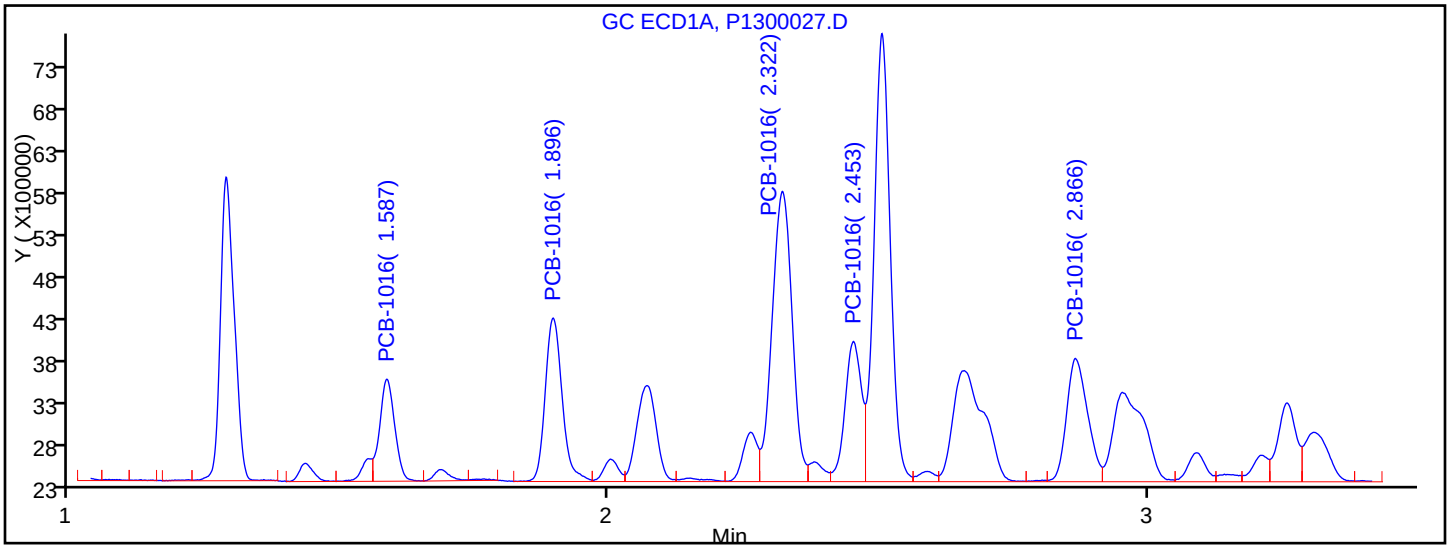
Injection Date:	21-Oct-2012 22:51:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

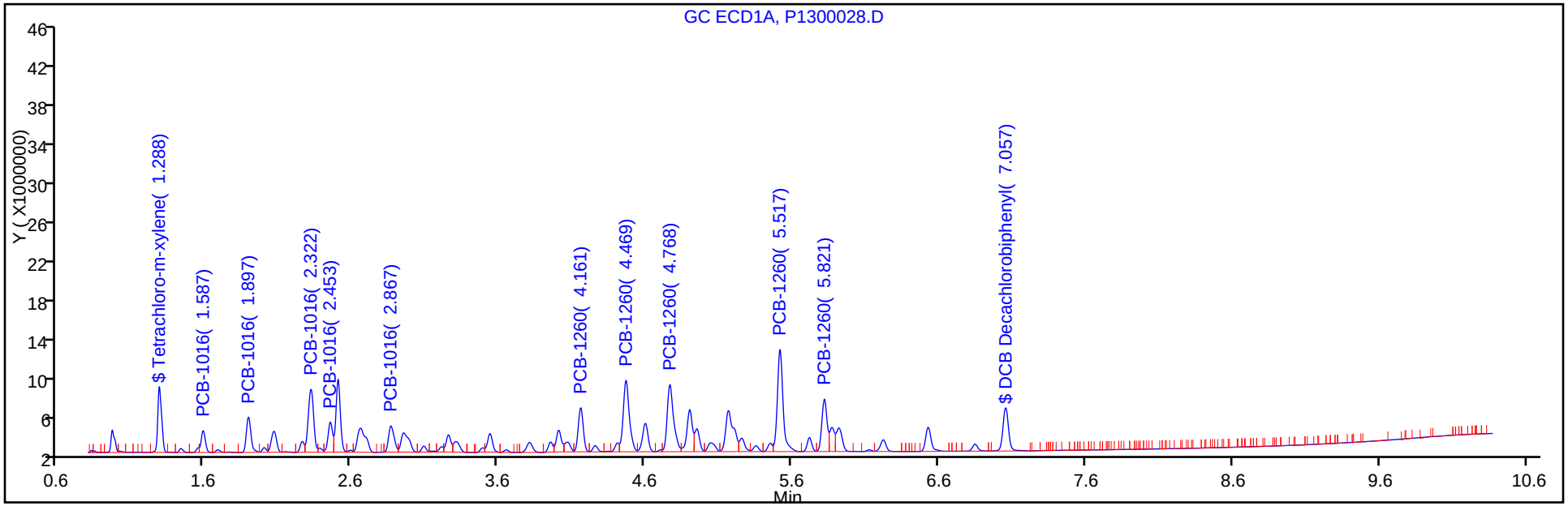
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

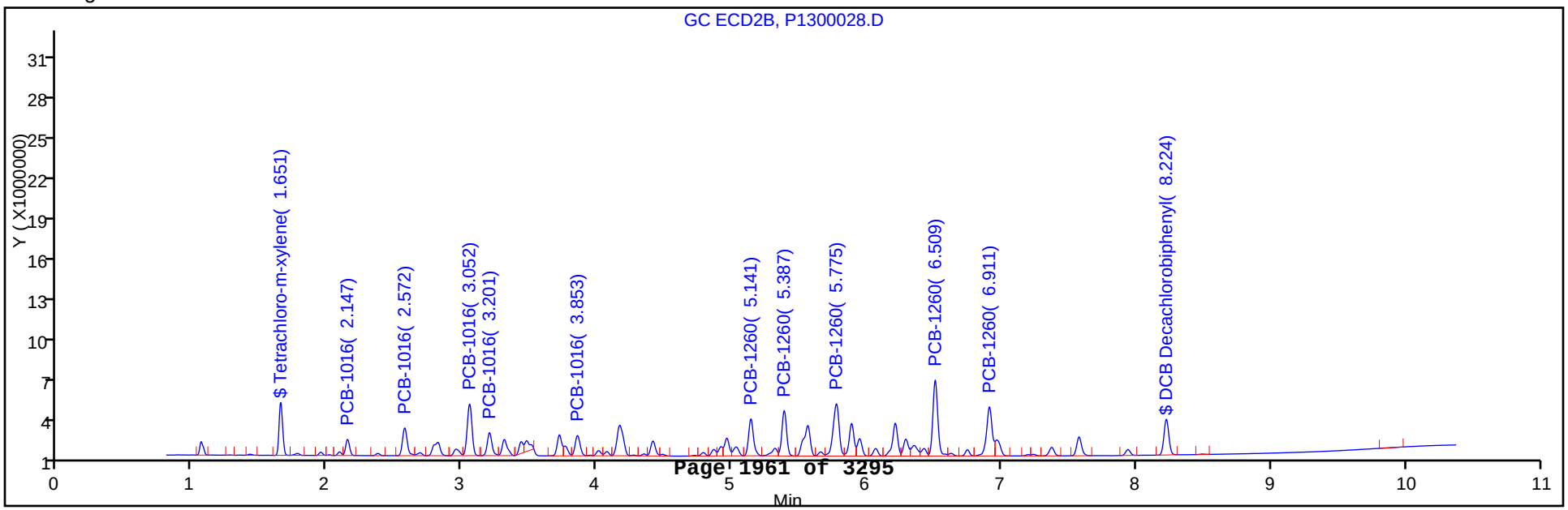
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Injection Date:	21-Oct-2012 23:06:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



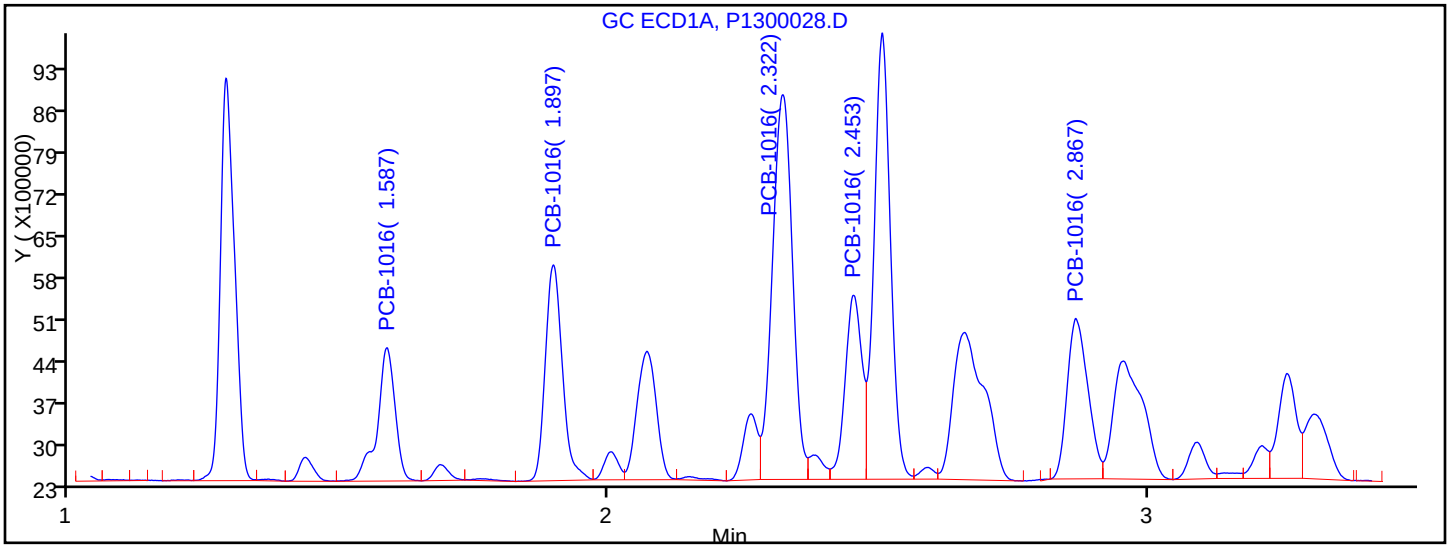
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

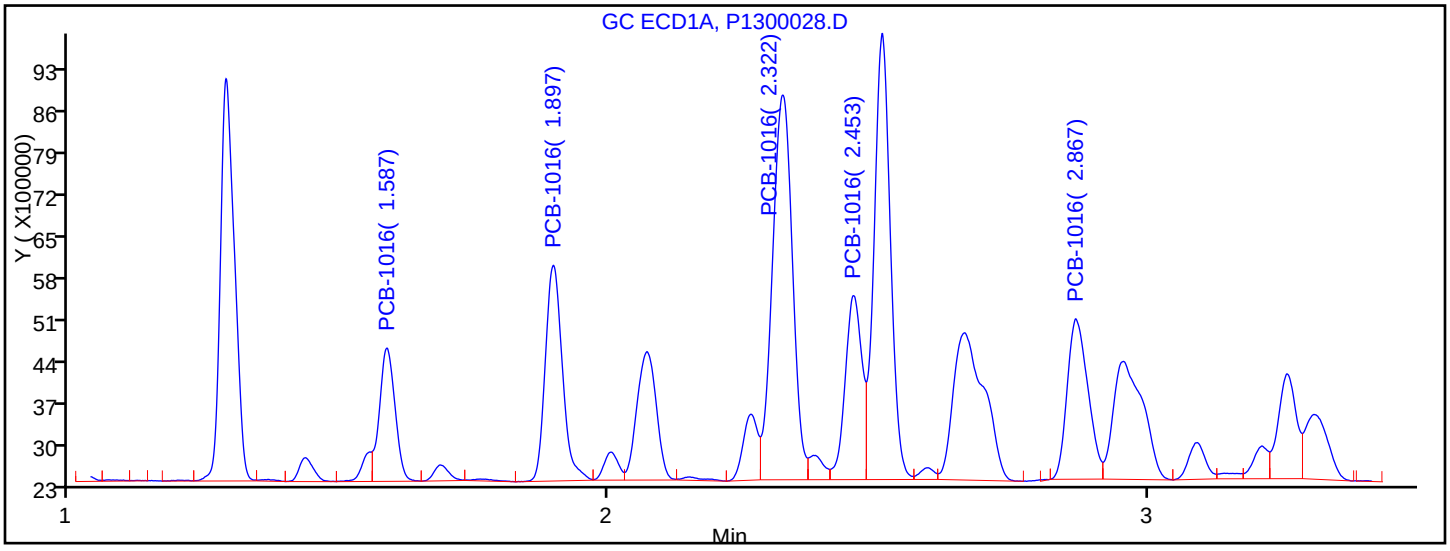
Injection Date:	21-Oct-2012 23:06:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	28
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

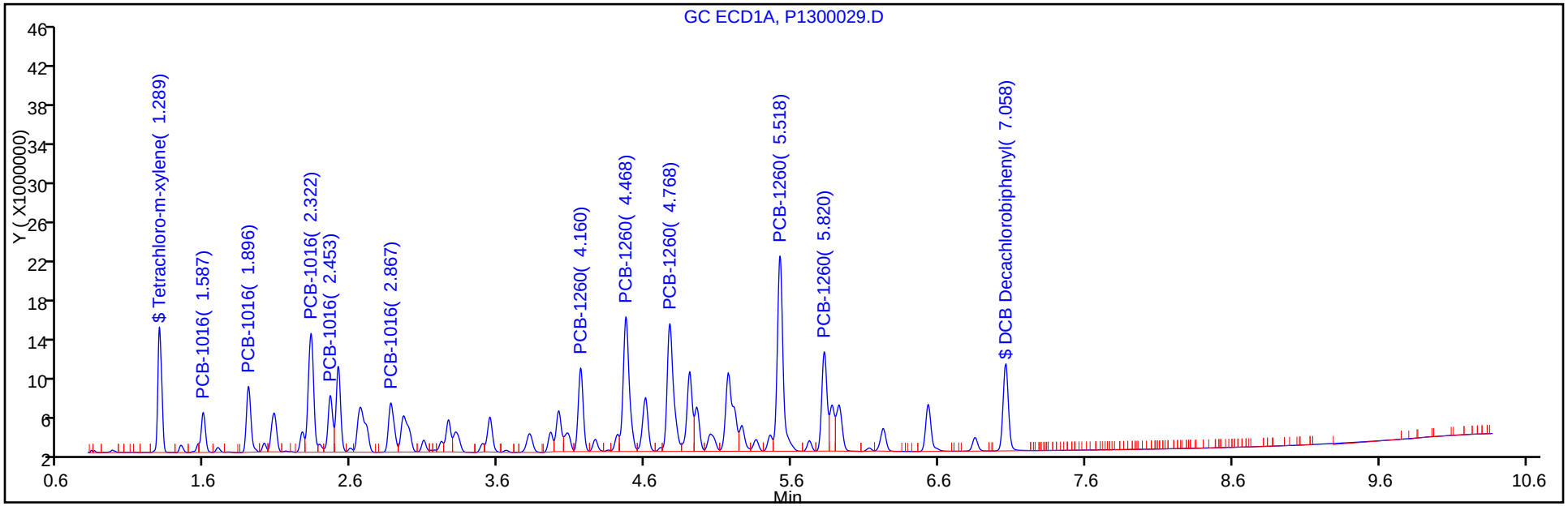
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TestAmerica Canton

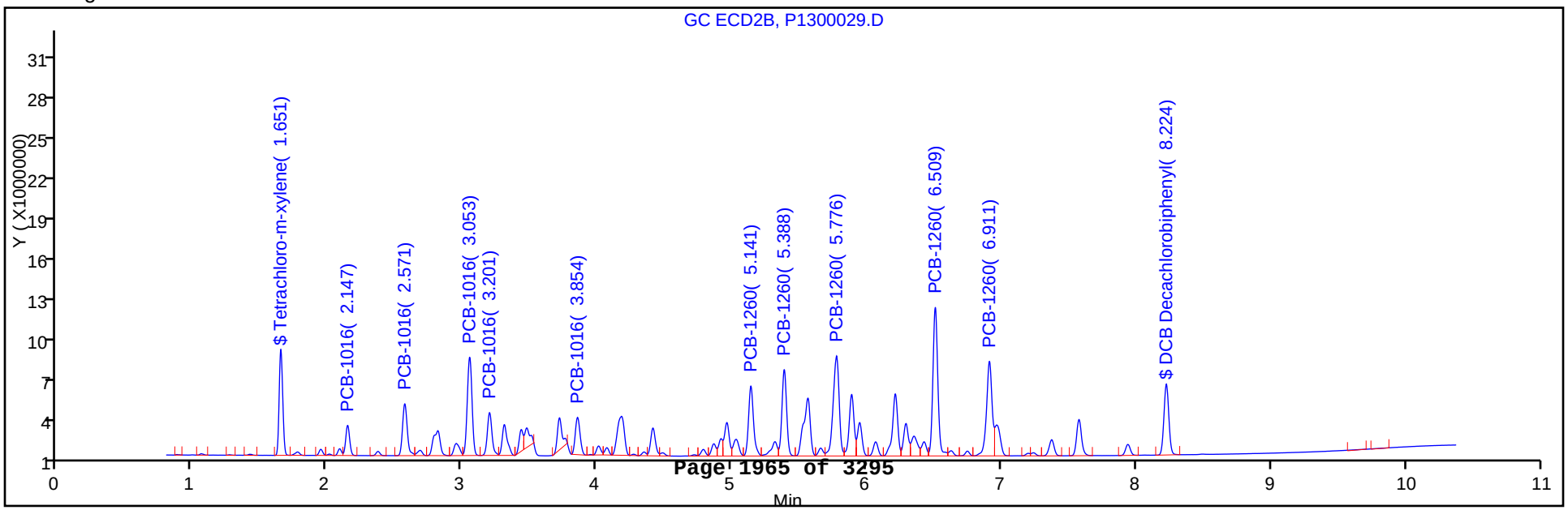
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Injection Date:	21-Oct-2012 23:21:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



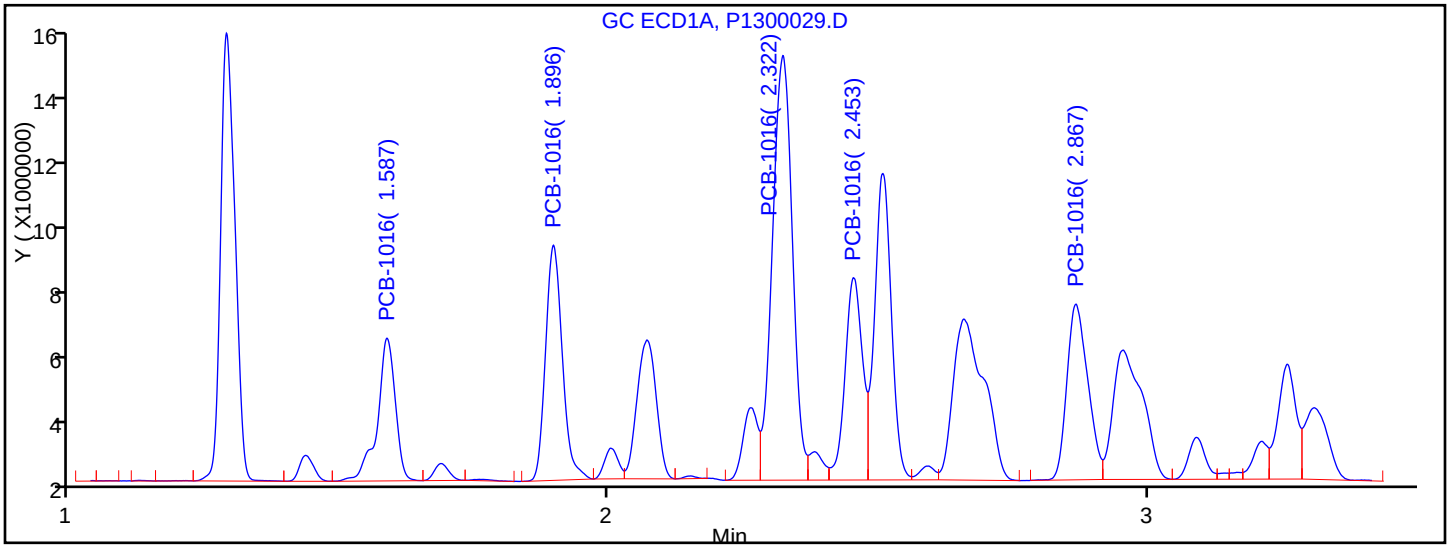
Report Date: 22-Oct-2012 09:18:07 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

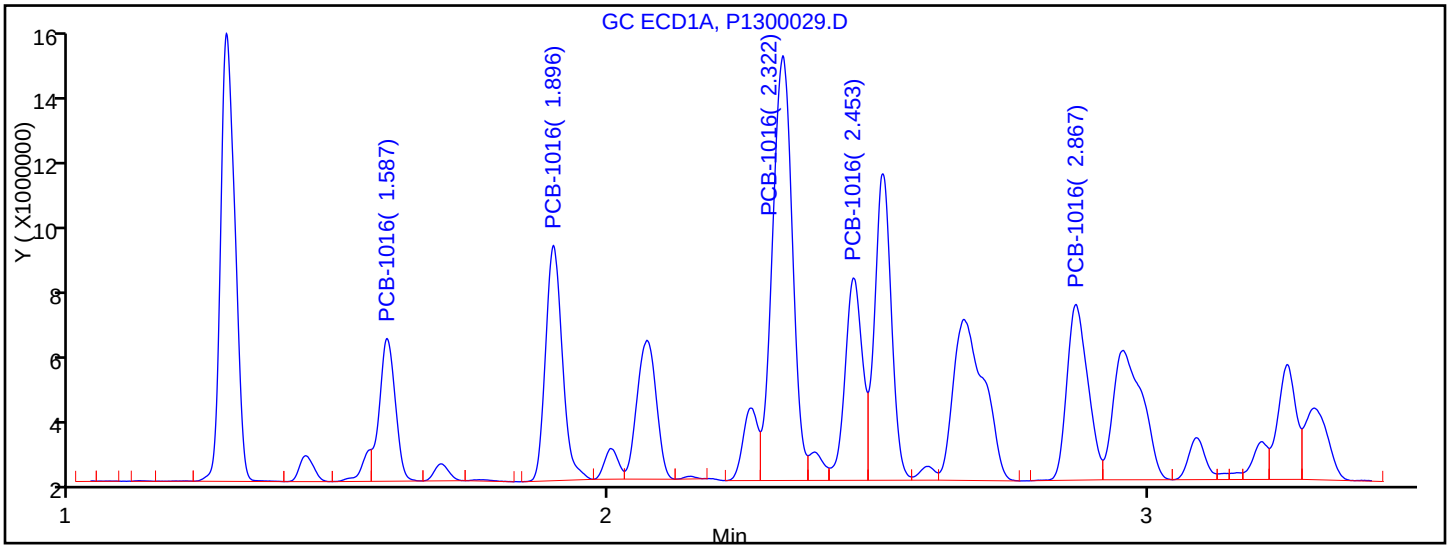
Injection Date:	21-Oct-2012 23:21:13	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	29
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

Reviewer: hassl, 22-Oct-2012 09:09:02
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

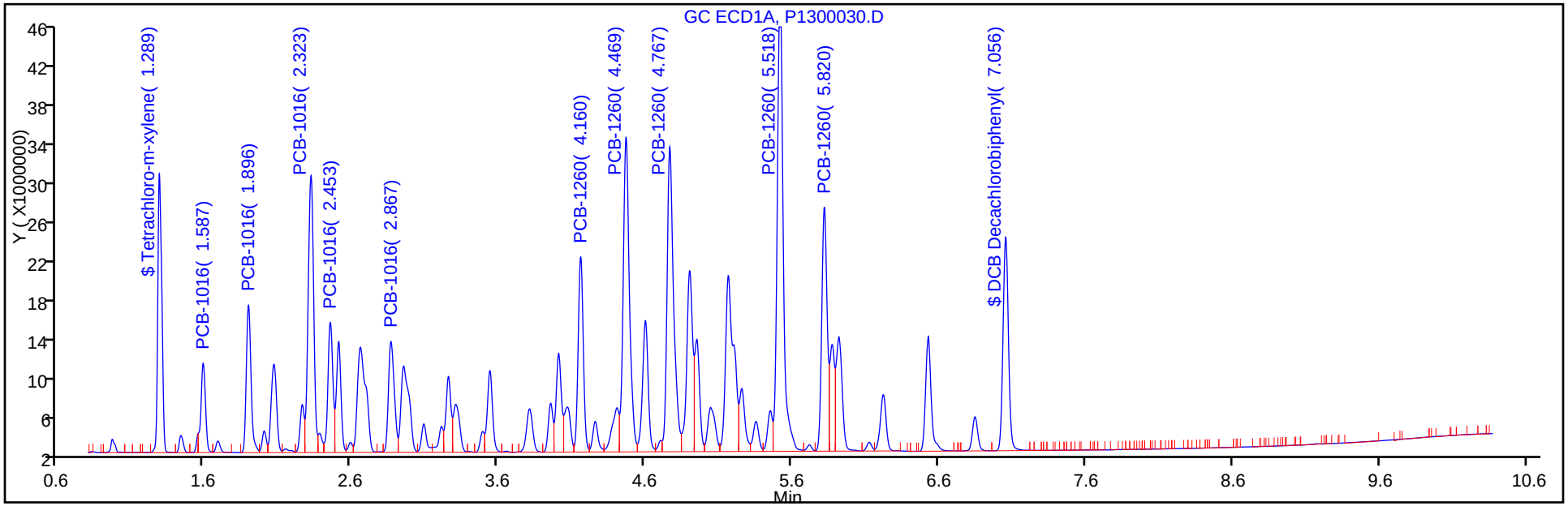
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

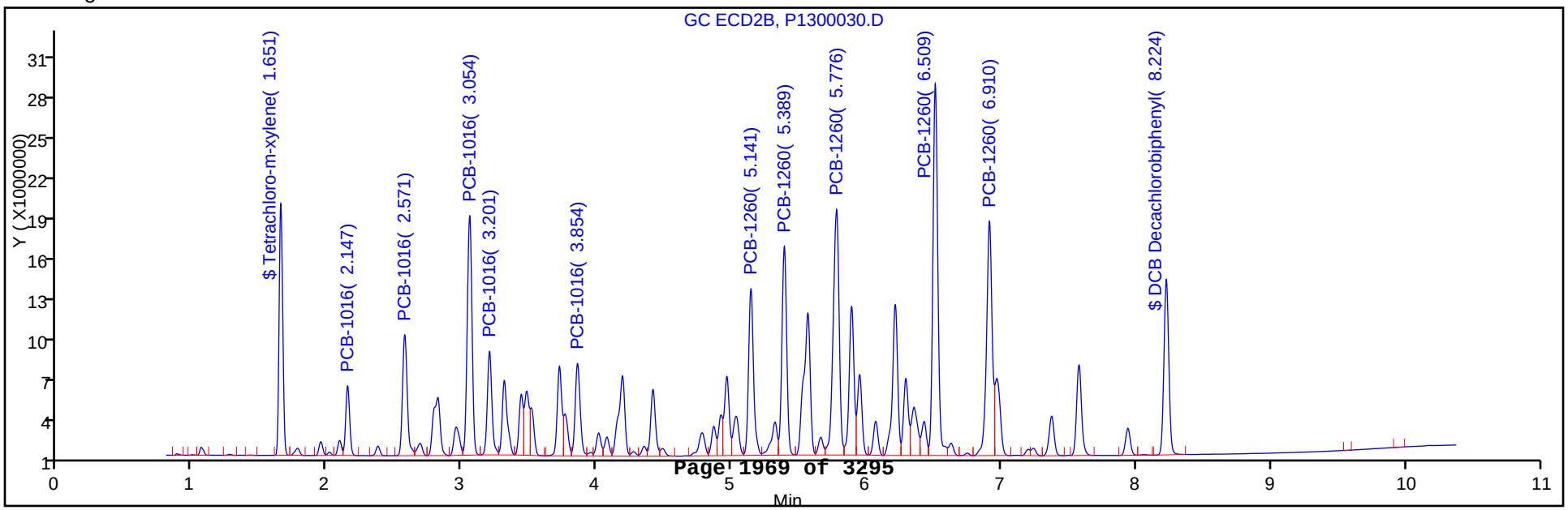
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Injection Date:	21-Oct-2012 23:36:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



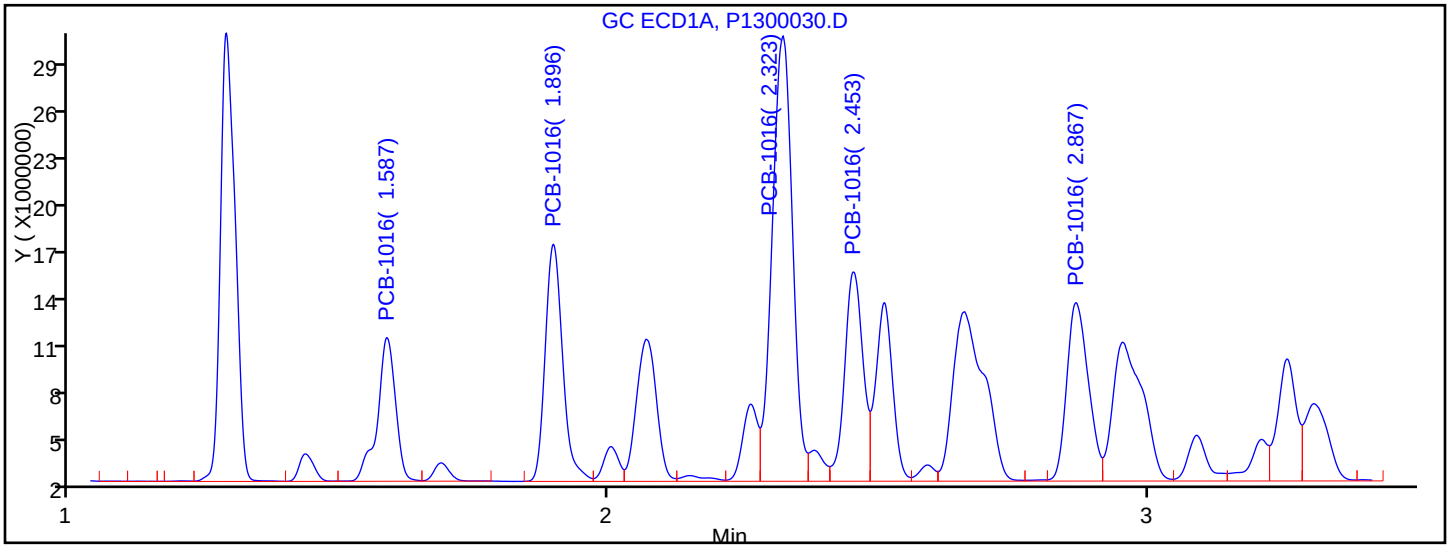
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

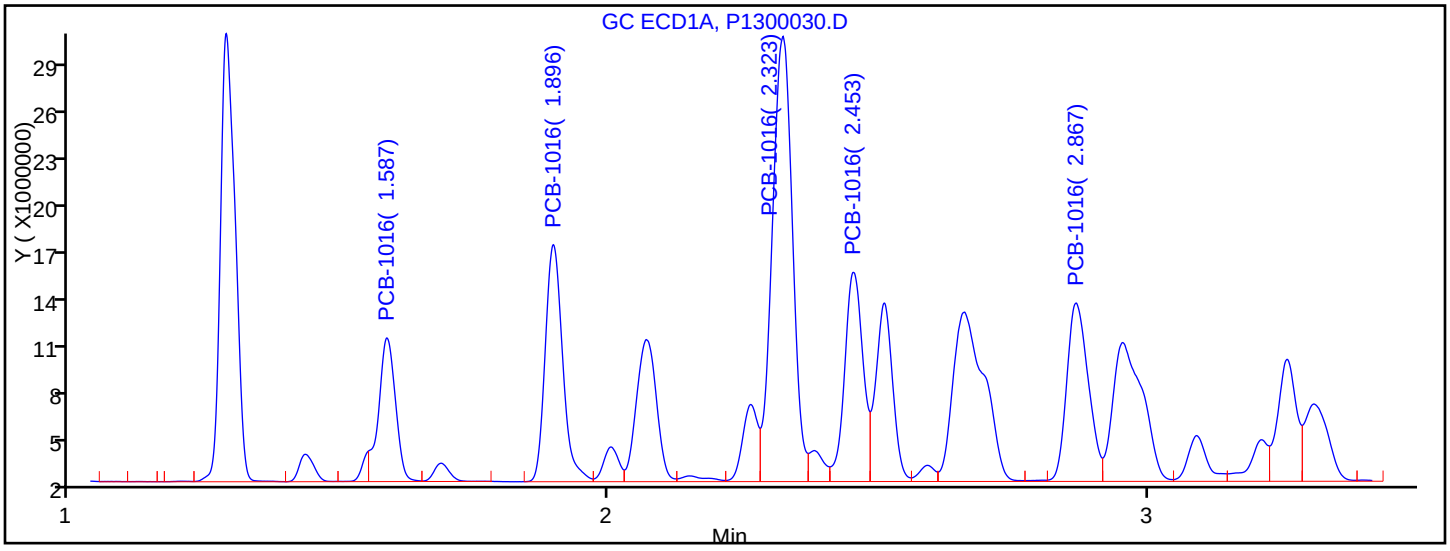
Injection Date:	21-Oct-2012 23:36:05	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	30
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

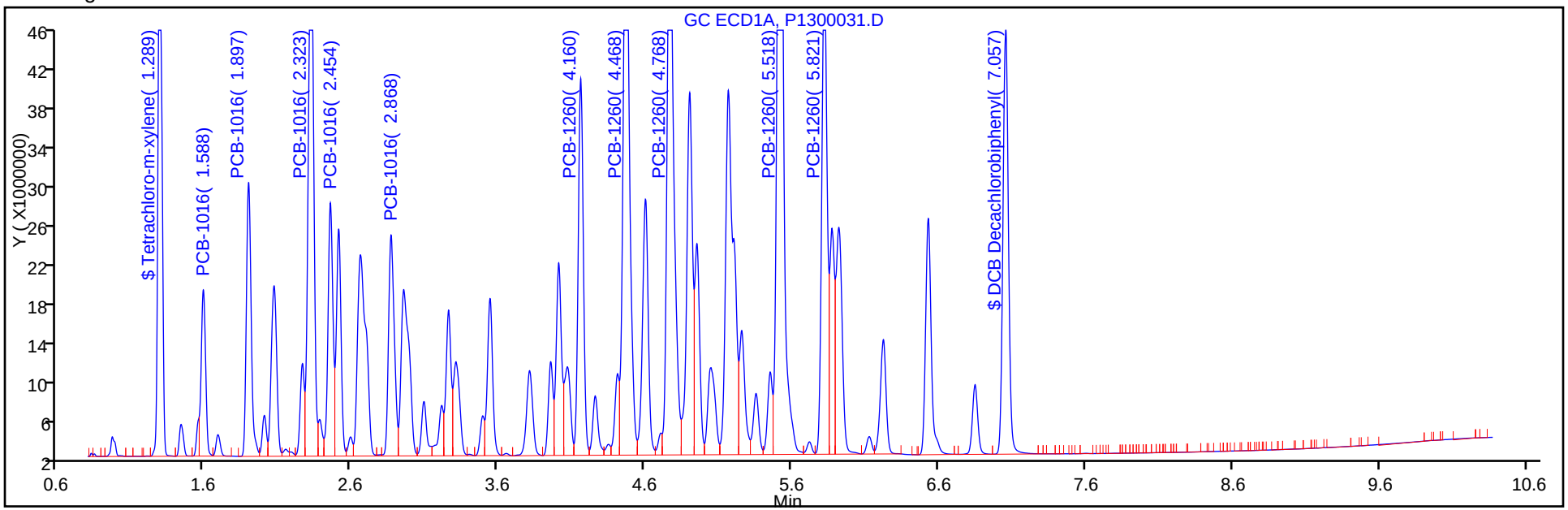
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

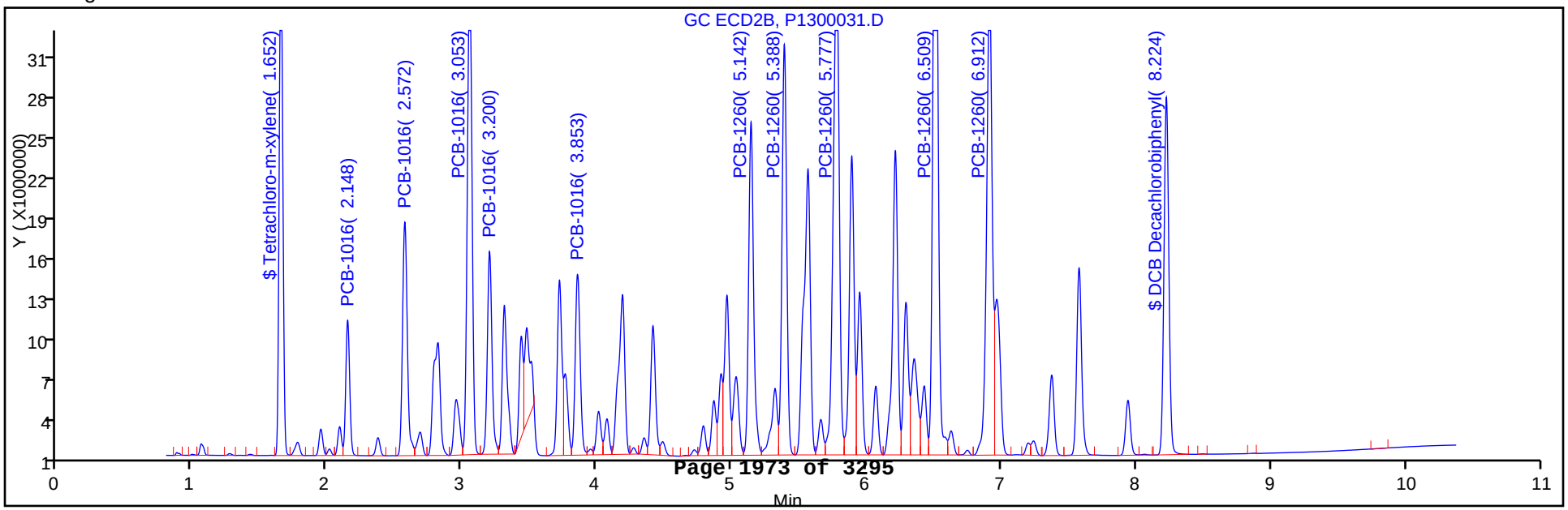
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Injection Date:	21-Oct-2012 23:50:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



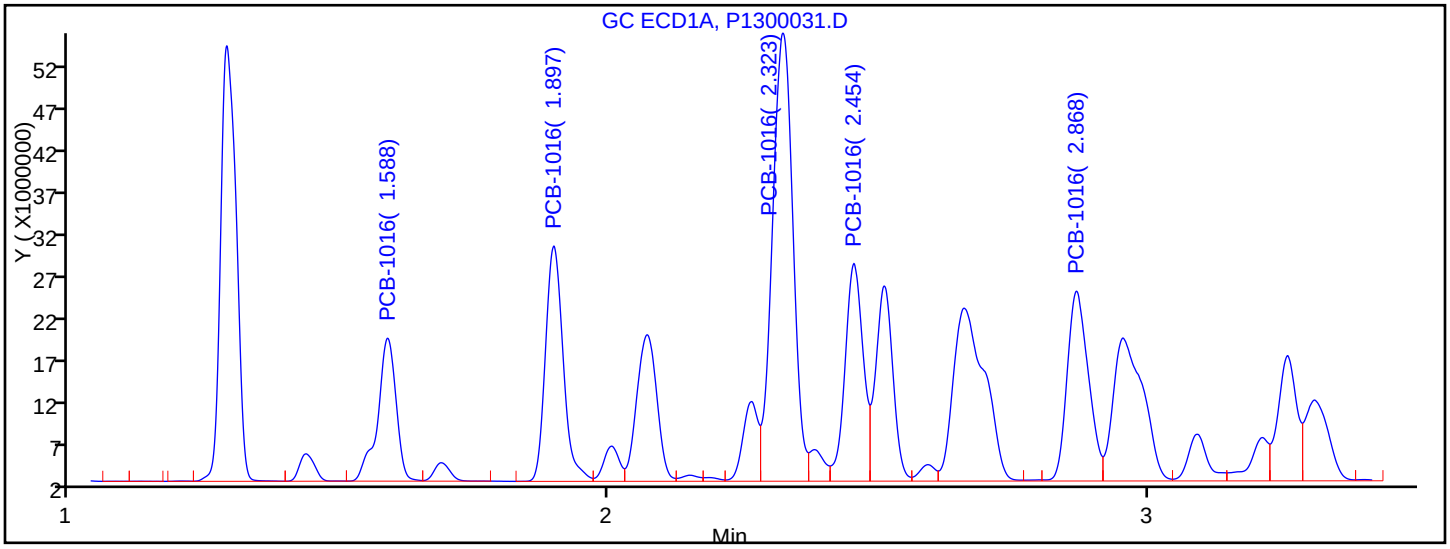
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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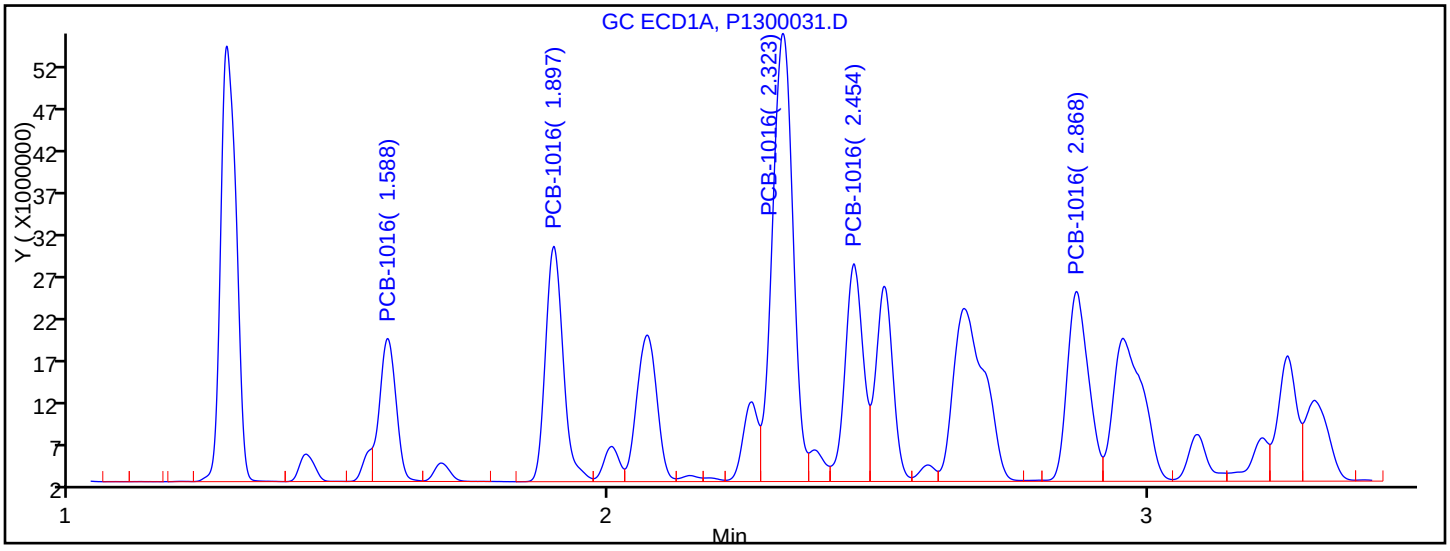
Injection Date:	21-Oct-2012 23:50:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

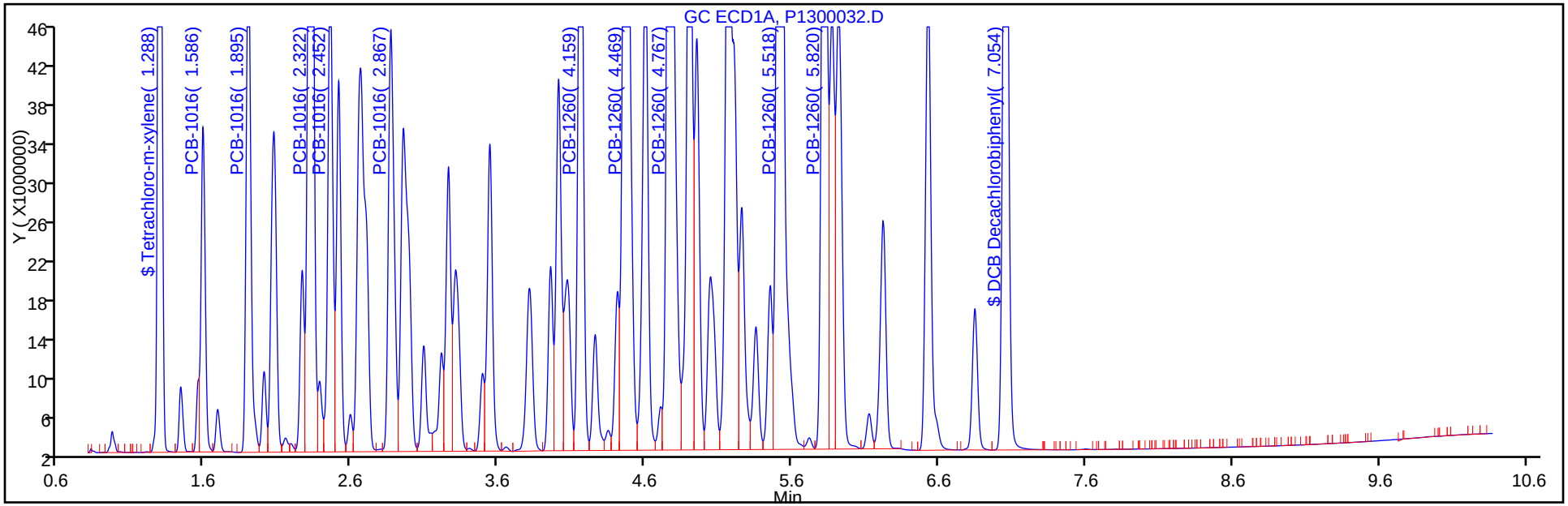
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

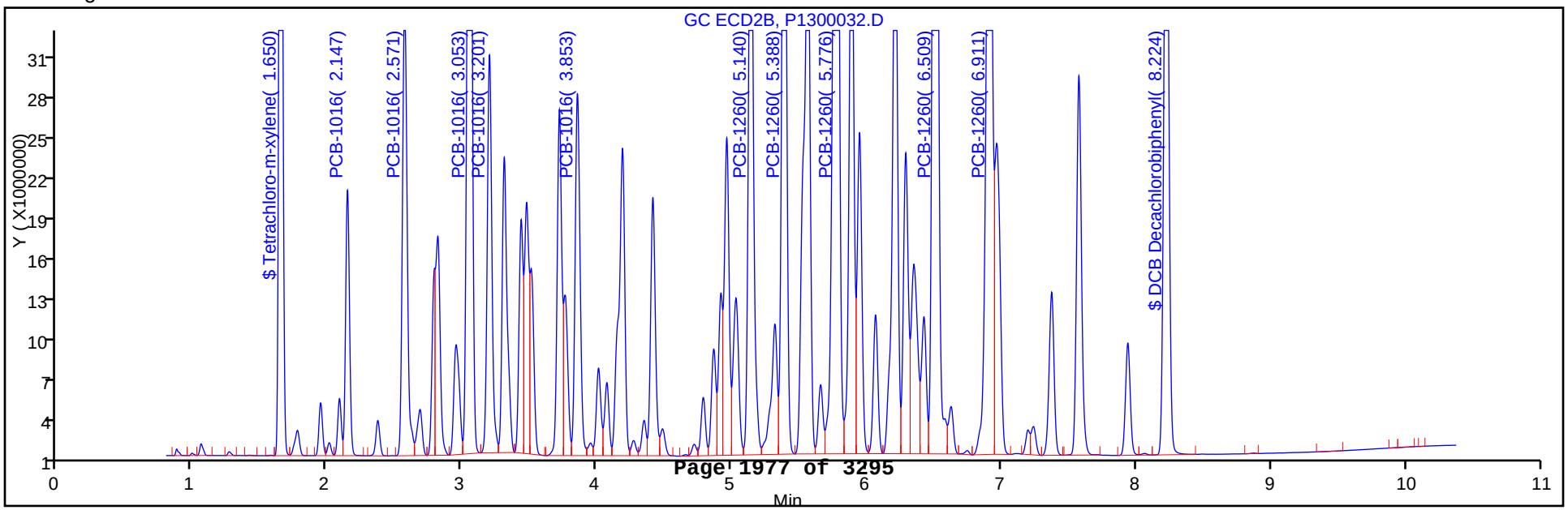
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Injection Date:	22-Oct-2012 00:05:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



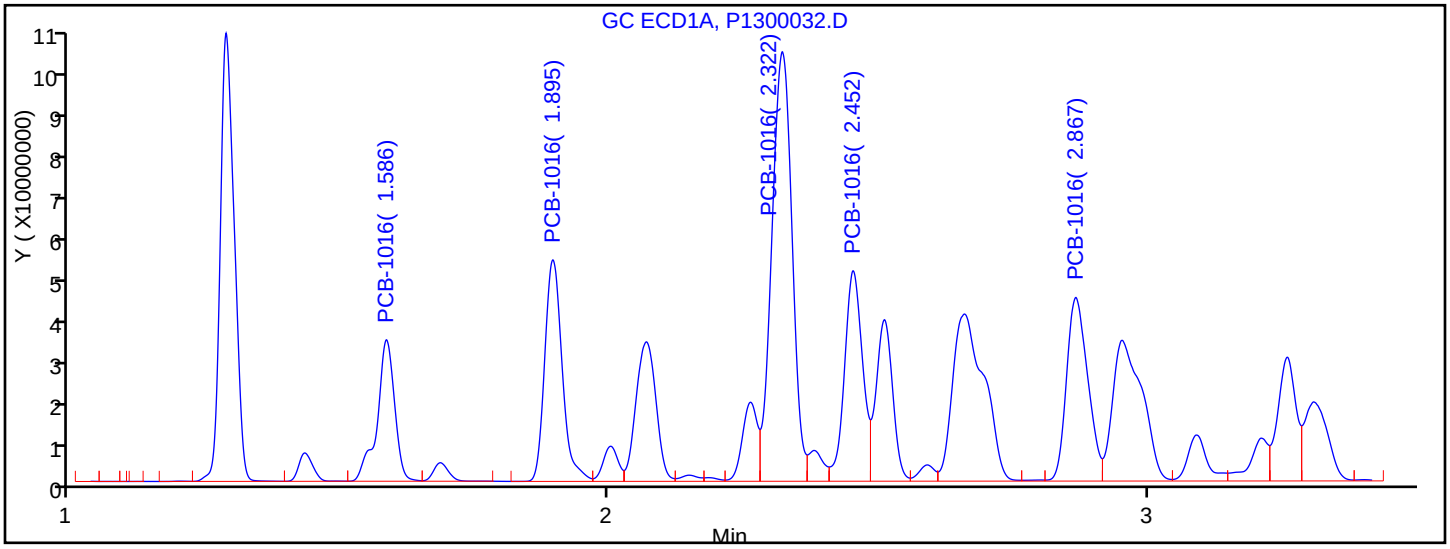
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

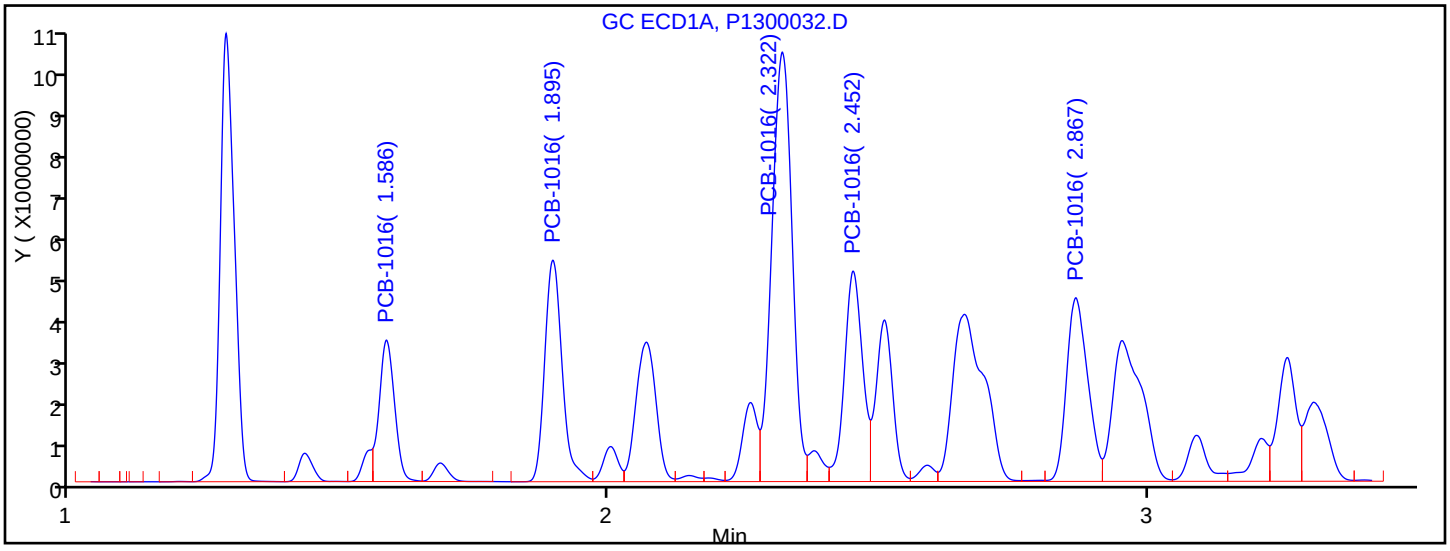
Injection Date:	22-Oct-2012 00:05:52	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

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



Manual Integration Results

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

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

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 62068

SDG No.:

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

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

Calibration Files:

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

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

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc

TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

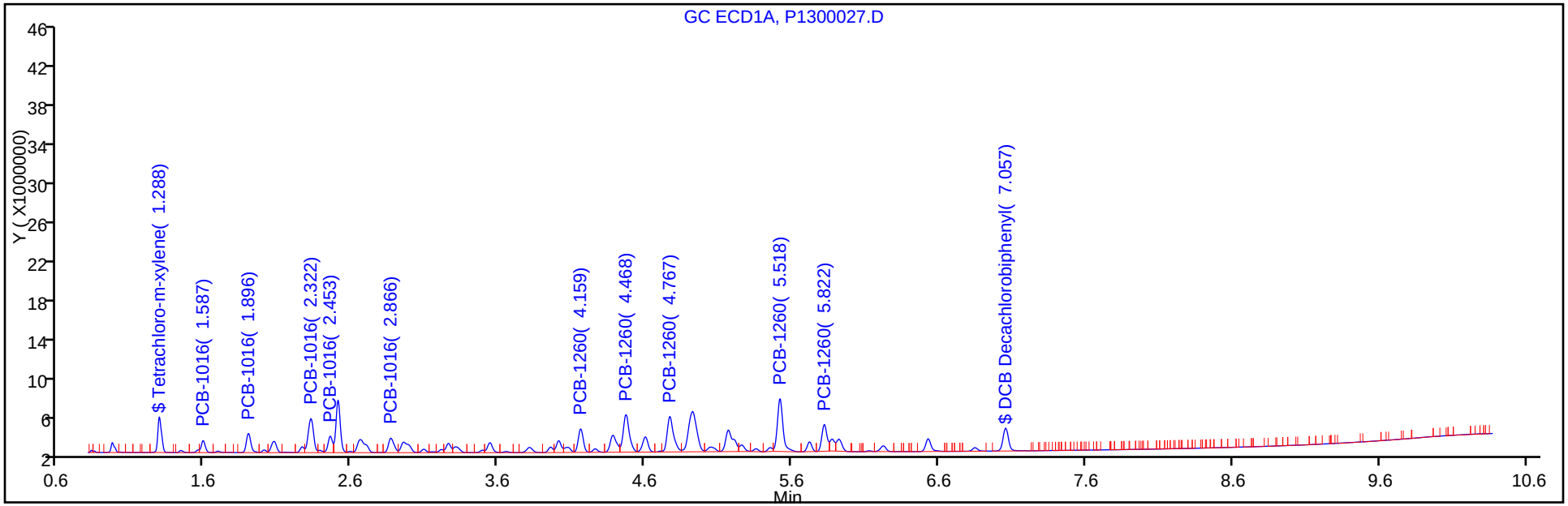
Report Date: 22-Oct-2012 09:18:11 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

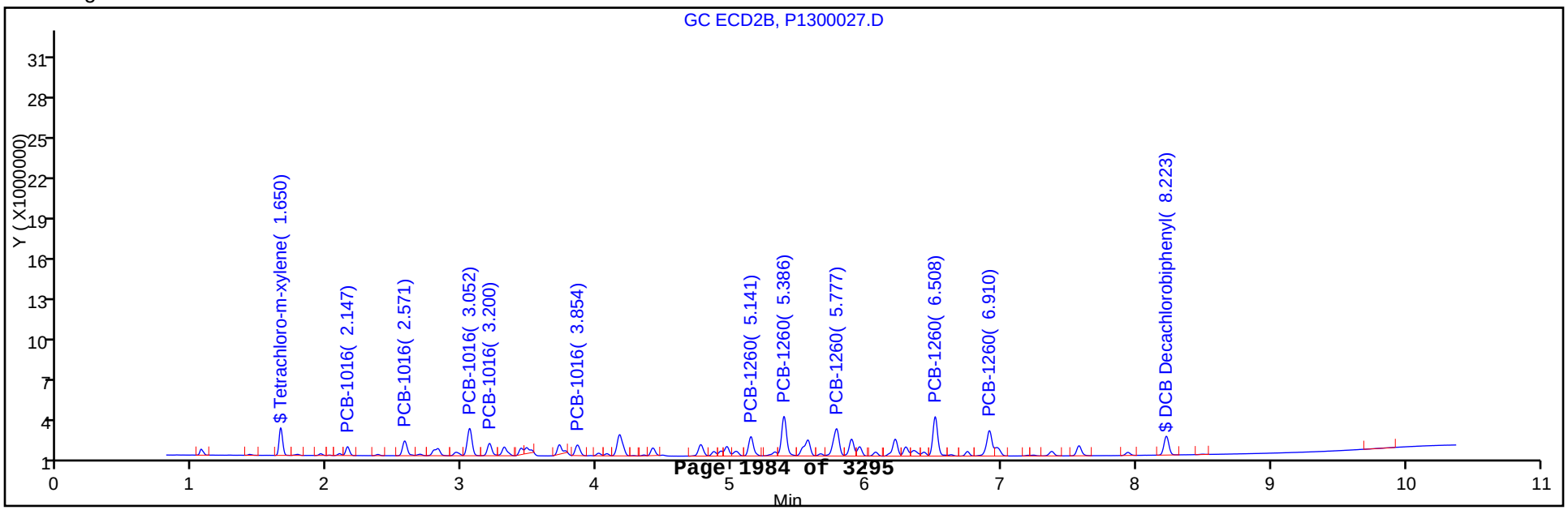
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Injection Date:	21-Oct-2012 22:51:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	27
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

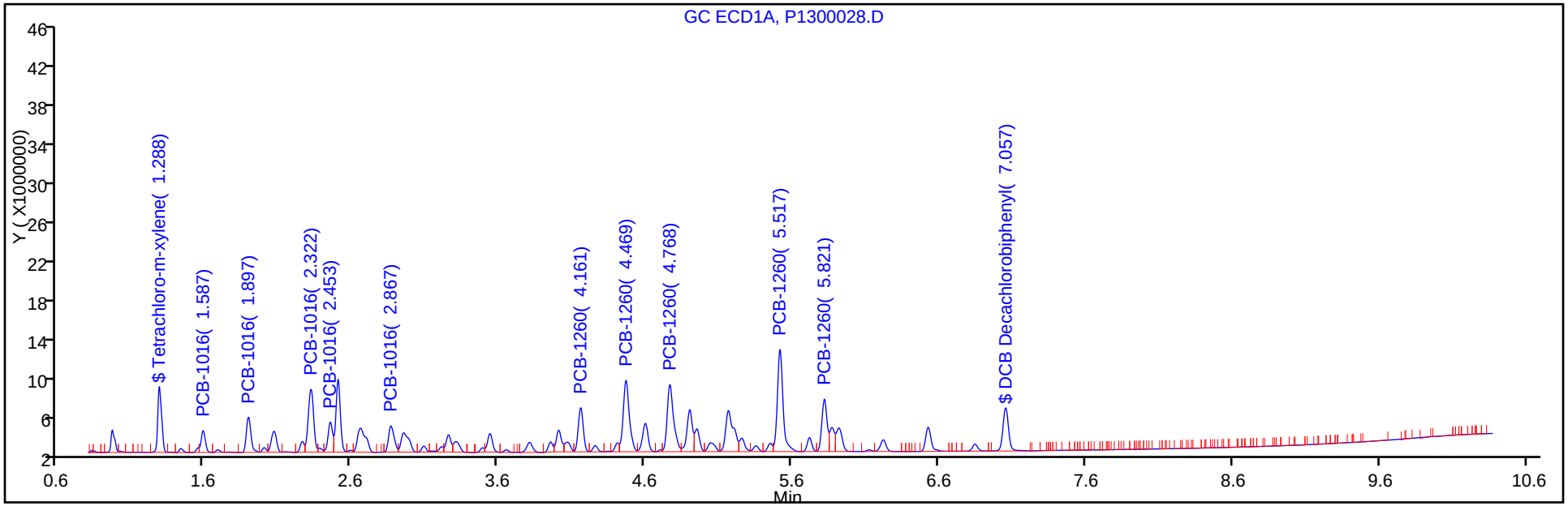
Report Date: 22-Oct-2012 09:18:09 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

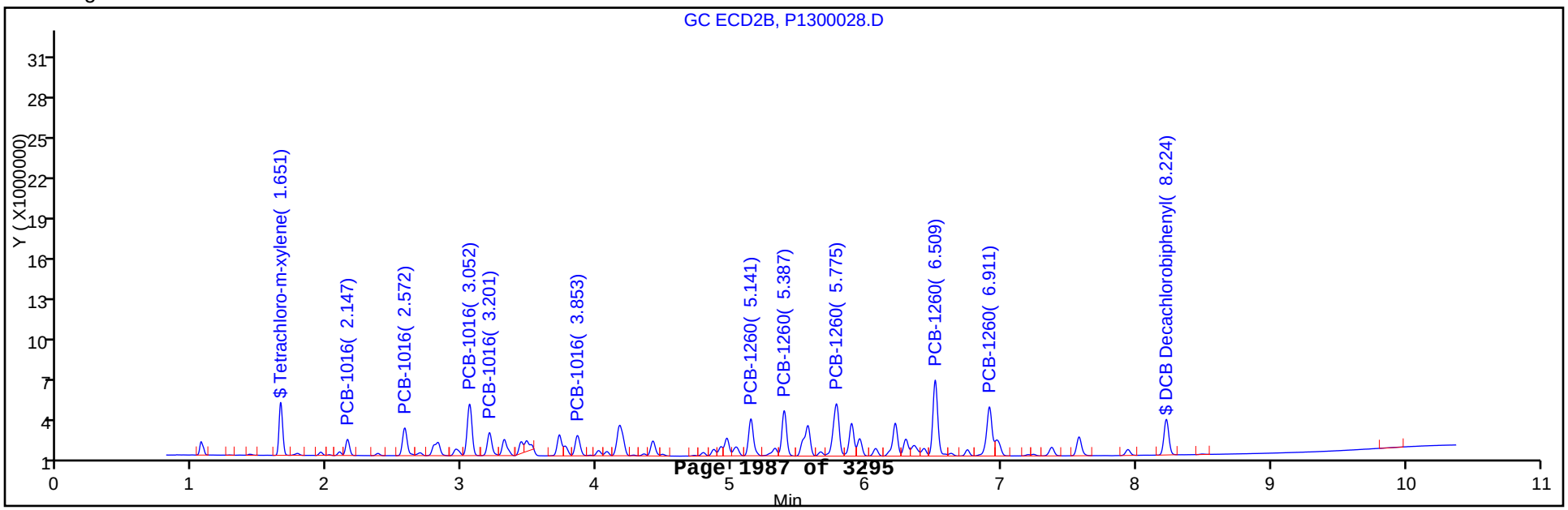
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300028.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

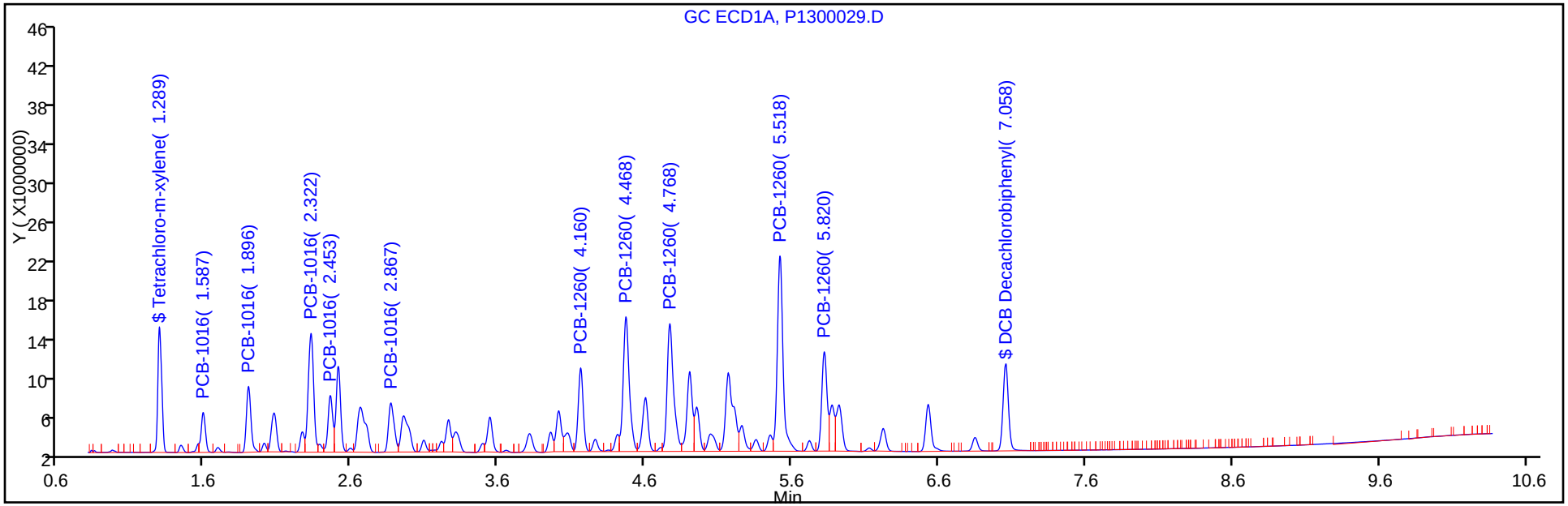
Report Date: 22-Oct-2012 09:18:08 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

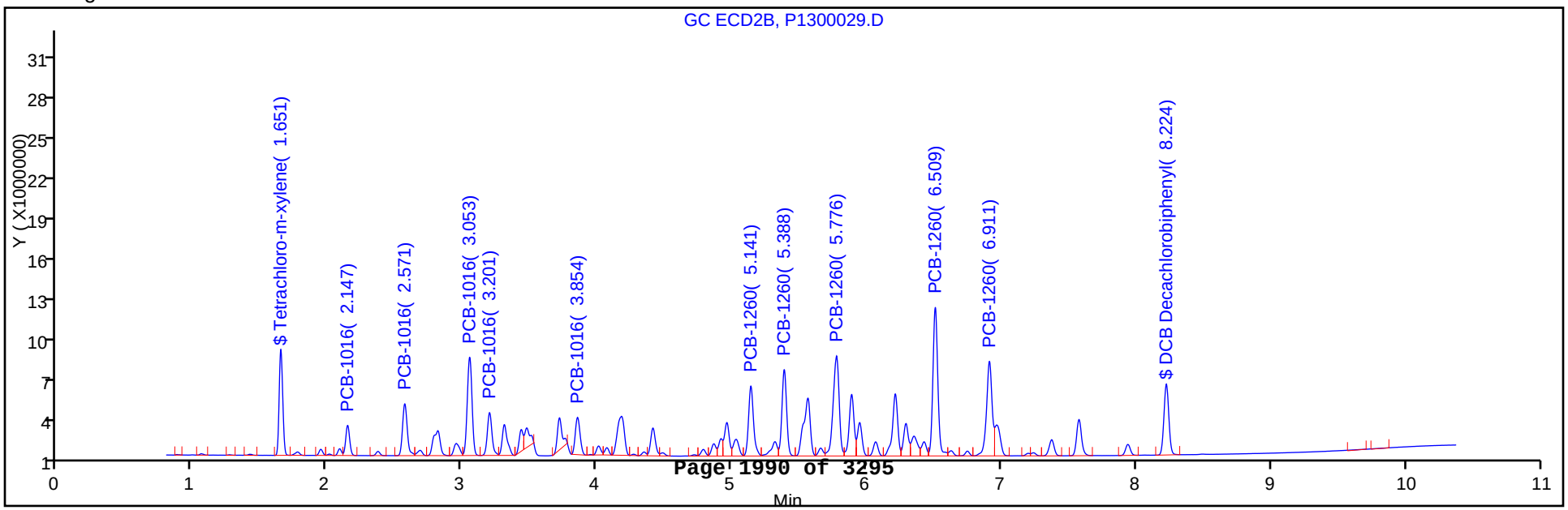
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300029.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

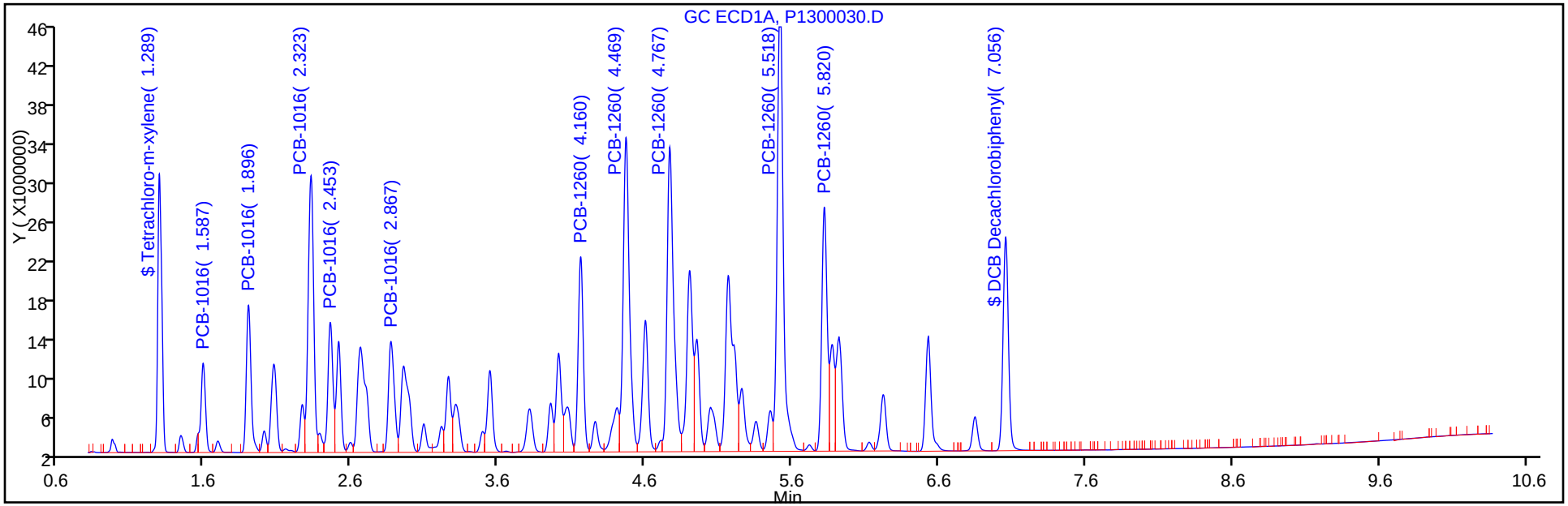
Report Date: 22-Oct-2012 09:18:06 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

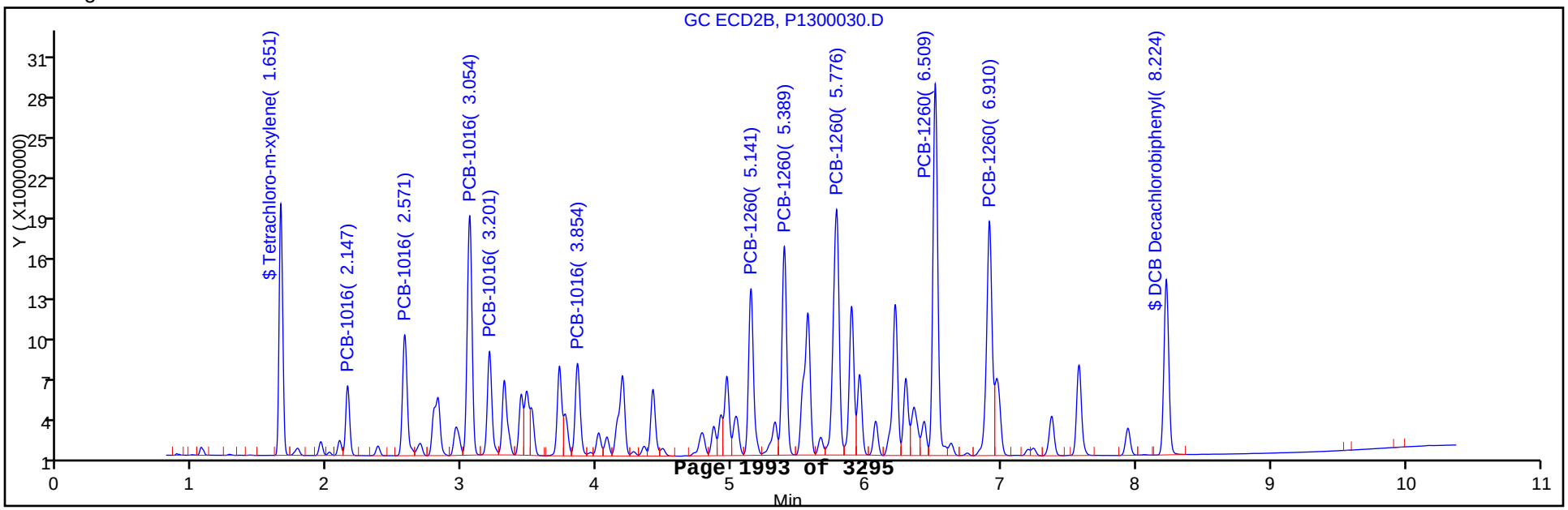
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300030.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

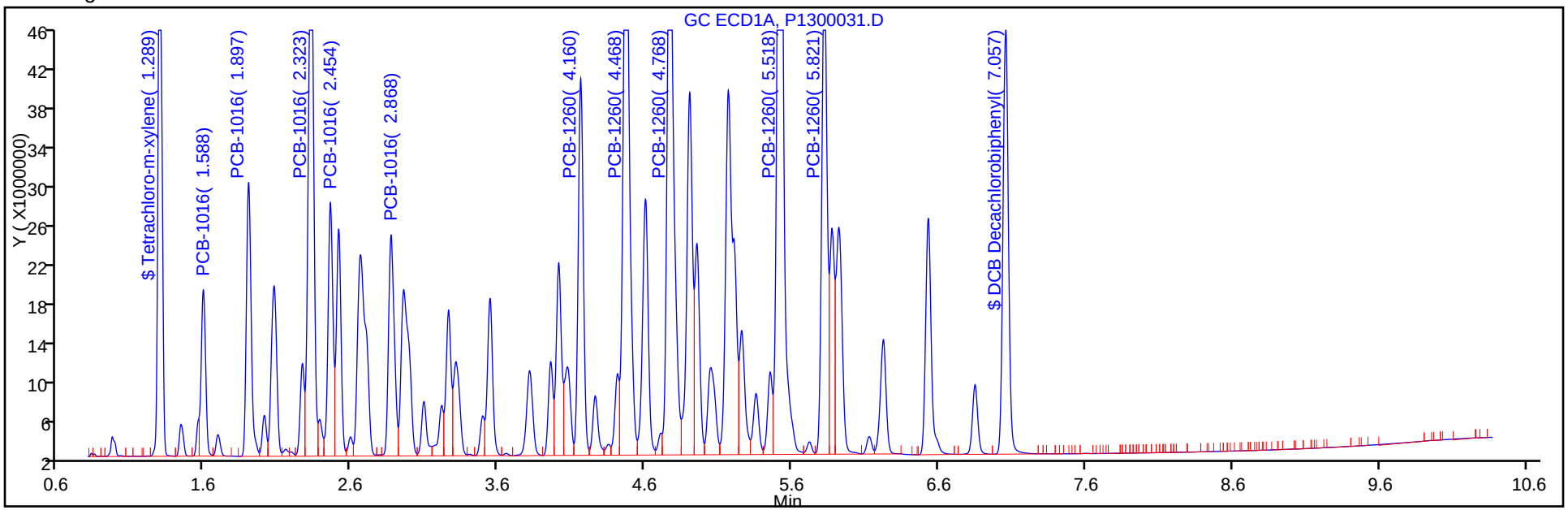
Report Date: 22-Oct-2012 09:18:04 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

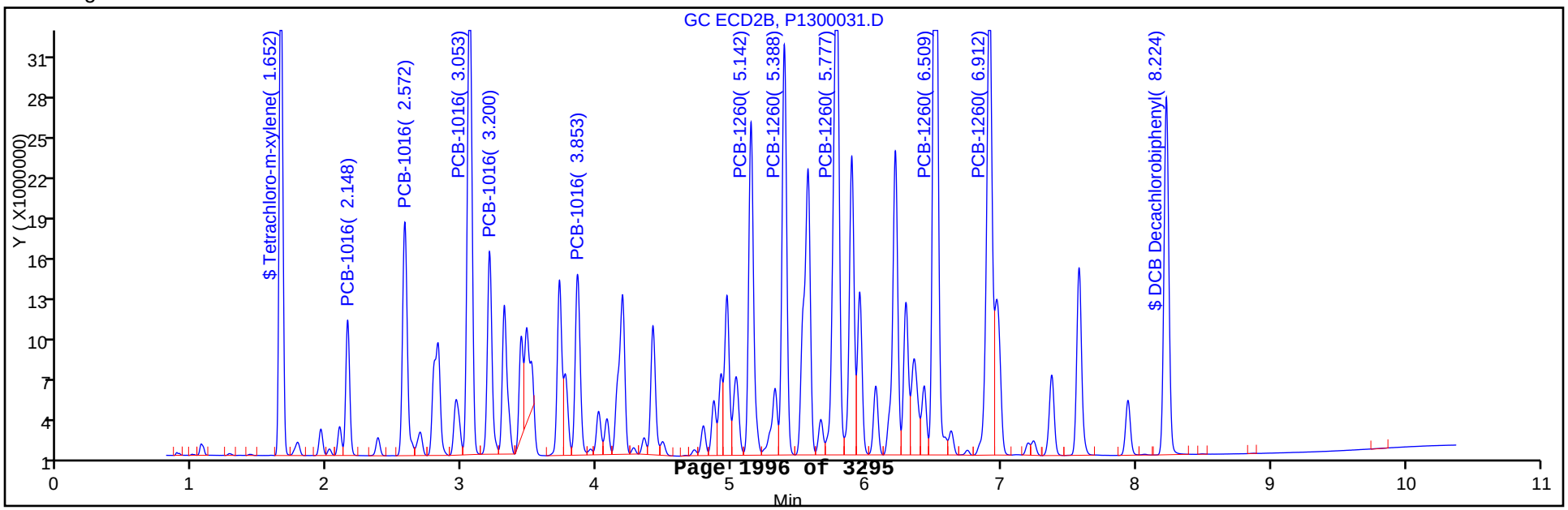
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Injection Date:	21-Oct-2012 23:50:59	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	31
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Canton
Target Compound Quantitation Report

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

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

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

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

QC Flag Legend

Review Flags
M - Manually Integrated

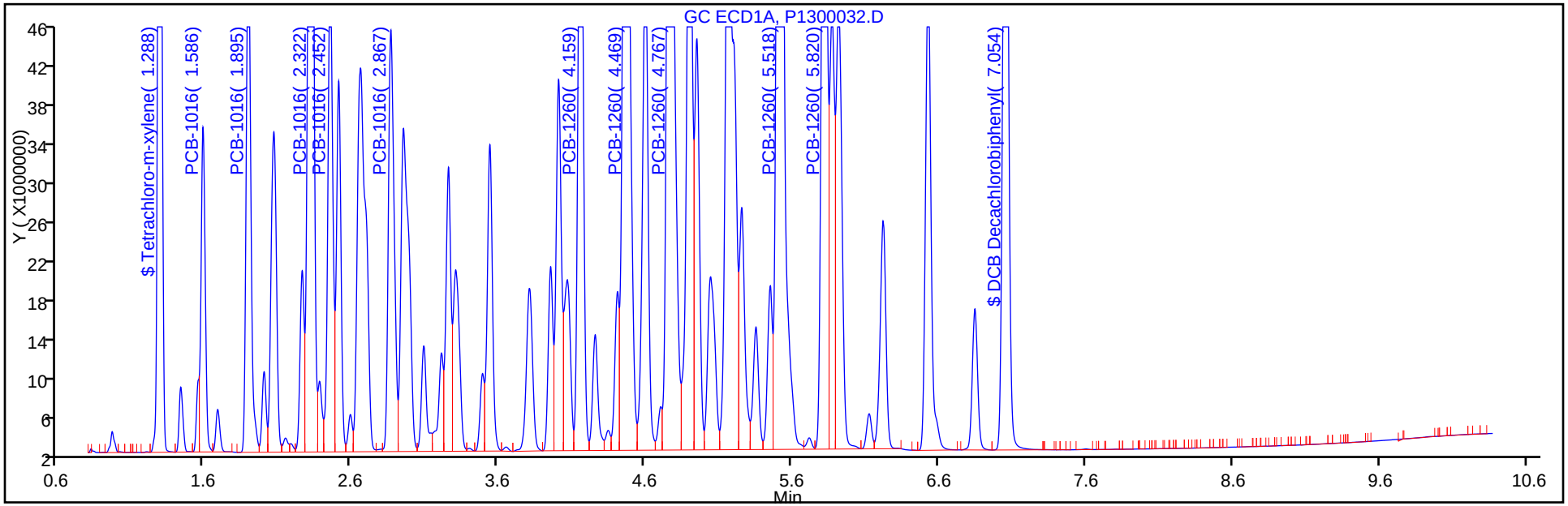
Report Date: 22-Oct-2012 09:18:02 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

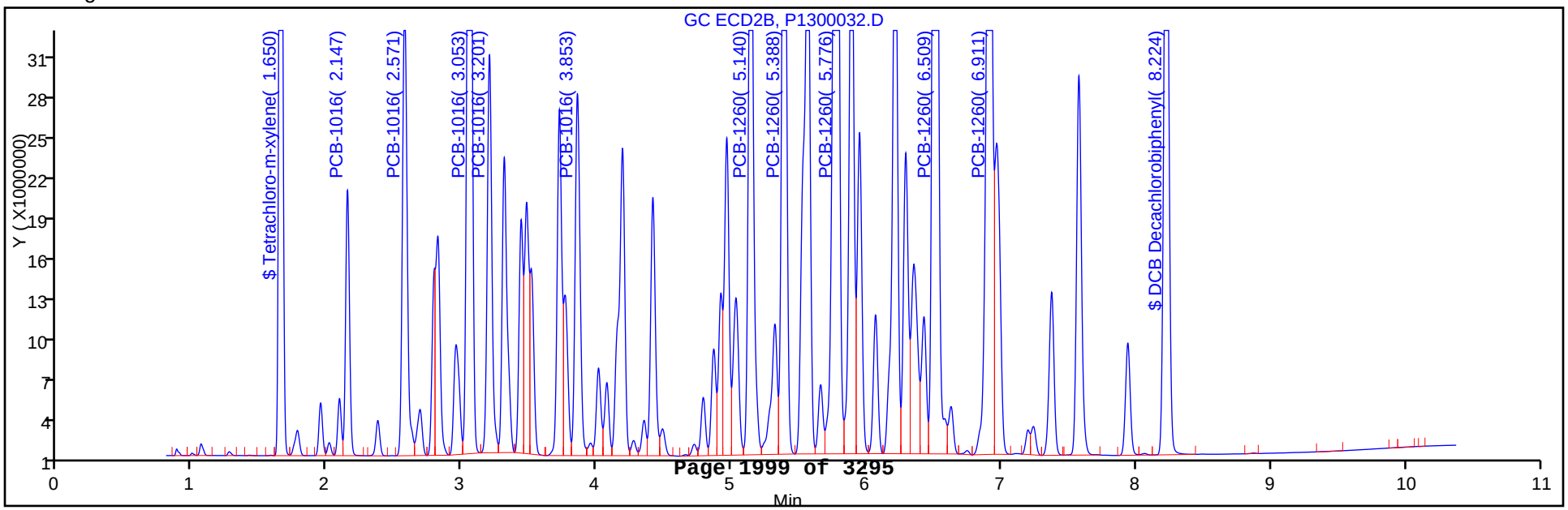
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300032.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/45 Calibration Date: 10/22/2012 03:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300045.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	21610860	20320734		0.940	1.00	-6.0	20.0
PCB-1221 Peak 2	Qua		7360657		0.960	1.00	-4.0	20.0
PCB-1221 Peak 3	Ave	56991135	50457393		0.885	1.00	-11.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/45 Calibration Date: 10/22/2012 03:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300045.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	1.44	1.39	1.49
PCB-1221 Peak 2	1.56	1.50	1.60
PCB-1221 Peak 3	1.59	1.54	1.64

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D
Lims ID: ICV 1221 Client ID:
Inject. Date: 22-Oct-2012 03:19:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-045
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 62068 Lims Sample ID: 45
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

First Level Reviewer: hassl Date: 22-Oct-2012 09:10:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	20320734	0.9403		100.0	
1	3	1.557	1.554	0.003	7360657	0.9603	25.0- 75.0	36.2	M
1	4	1.587	1.586	0.001	50457393	0.8854	233.2- 283.2	248.3	M
			Average of Peak Amounts =			0.9286			
2	4	1.947	1.948	-0.001	12351132	0.9324		100.0	
2	5	2.087	2.088	-0.001	8147286	0.9273	37.0- 97.0	66.0	
2	6	2.147	2.148	-0.001	29820772	0.9386	210.7- 270.7	241.4	
			Average of Peak Amounts =			0.9328			
						RPD = 0.44			

QC Flag Legend

Review Flags
M - Manually Integrated

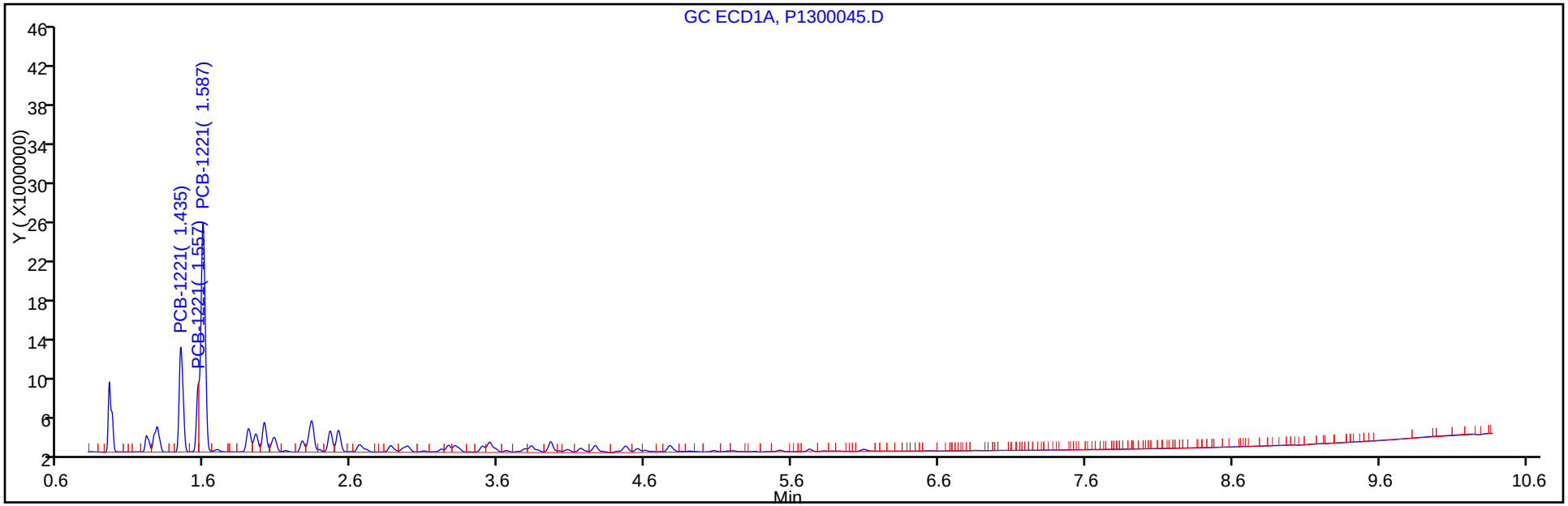
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

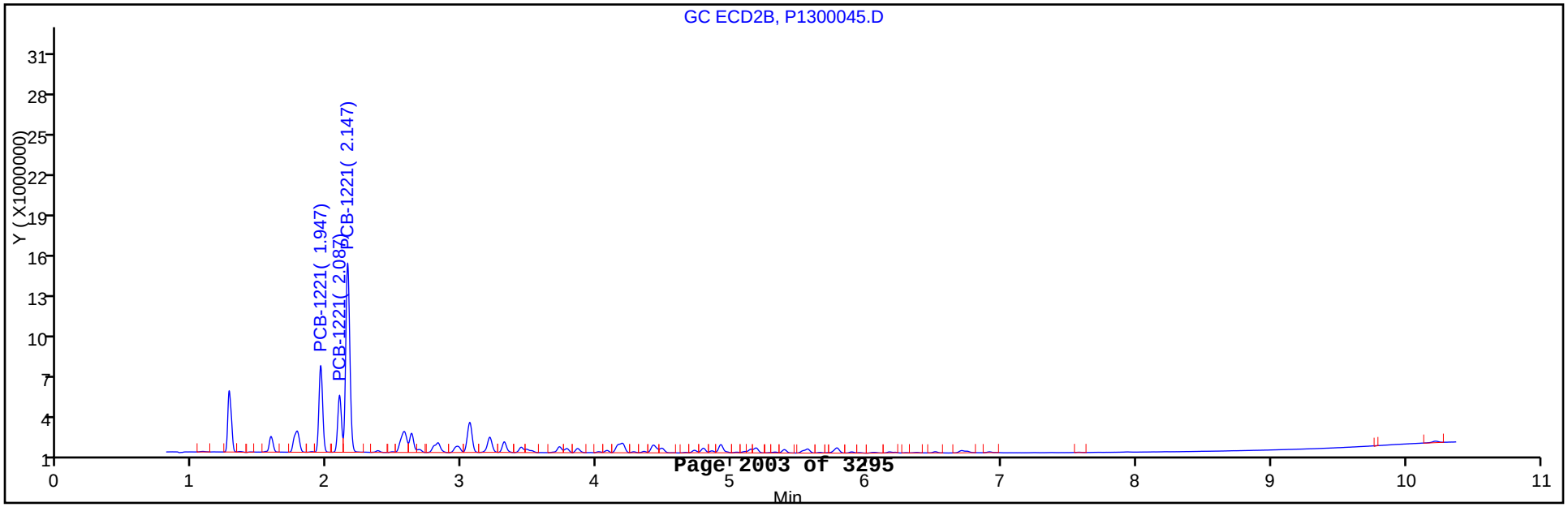
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



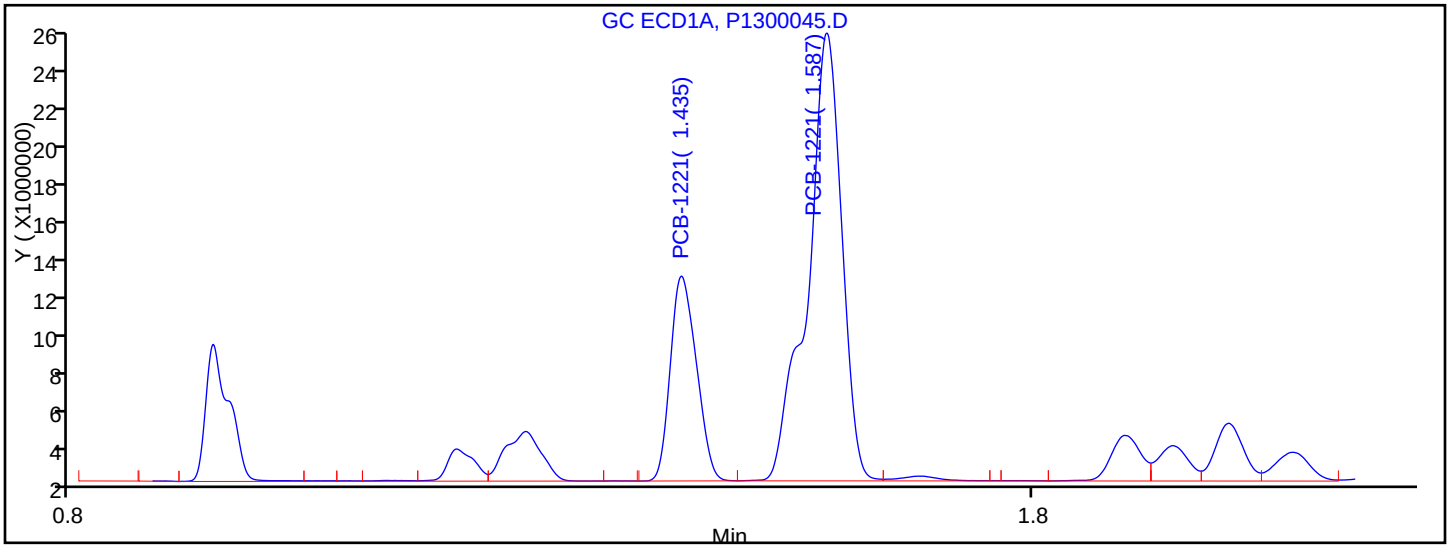
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

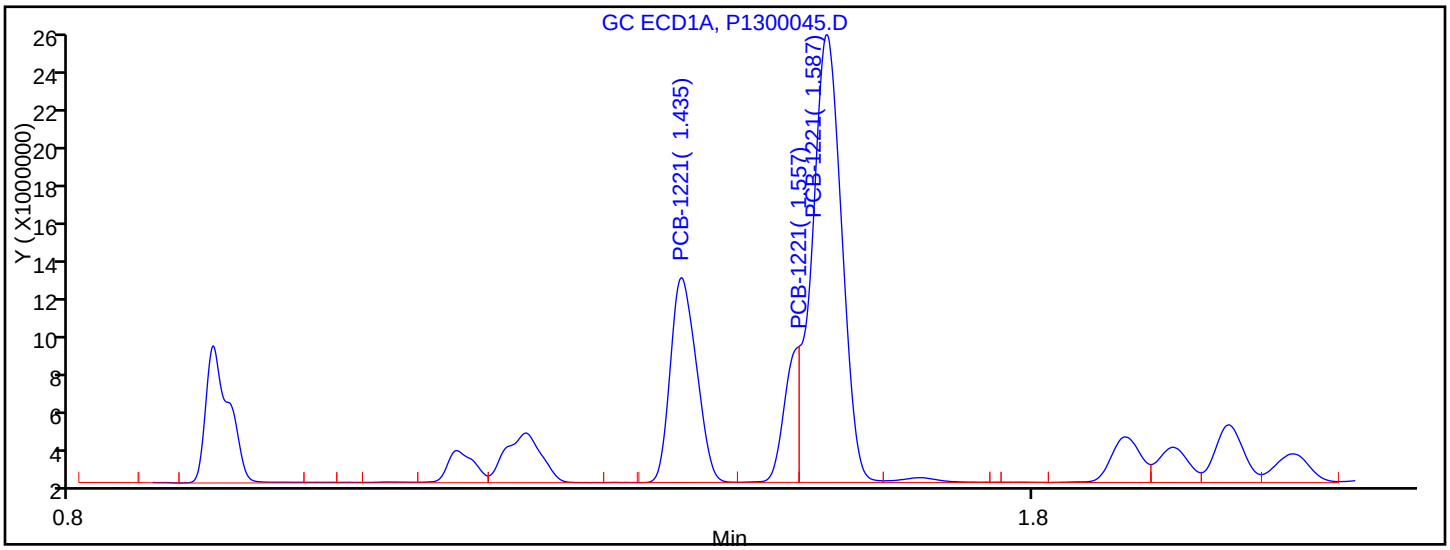
Injection Date:	22-Oct-2012 03:19:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	45
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.435	Response = 20320734	
RT = 1.586	Response = 0	M
RT = 1.587	Response = 57818081	M



Manual Integration Results

RT = 1.435	Response = 20320734	
RT = 1.557	Response = 7360657	M
RT = 1.587	Response = 50457393	M

Reviewer: hassl, 22-Oct-2012 09:10:49

Audit Action: Manually Integrated/Assigned Compound ID

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/45 Calibration Date: 10/22/2012 03:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300045.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Ave	13246658	12351132		0.932	1.00	-6.8	20.0
PCB-1221 Peak 2	Ave	8785681	8147286		0.927	1.00	-7.3	20.0
PCB-1221 Peak 3	Ave	31772831	29820772		0.939	1.00	-6.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/45 Calibration Date: 10/22/2012 03:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300045.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1221 Peak 1	1.95	1.90	2.00
PCB-1221 Peak 2	2.09	2.04	2.14
PCB-1221 Peak 3	2.15	2.10	2.20

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D
Lims ID: ICV 1221 Client ID:
Inject. Date: 22-Oct-2012 03:19:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-045
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 45
Lims Batch ID: 62068 Lims Sample ID: 45
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

First Level Reviewer: hassl Date: 22-Oct-2012 09:10:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
3 PCB-1221									M
1	2	1.435	1.435	0.000	20320734	0.9403		100.0	
1	3	1.557	1.554	0.003	7360657	0.9603	25.0- 75.0	36.2	M
1	4	1.587	1.586	0.001	50457393	0.8854	233.2- 283.2	248.3	M
			Average of Peak Amounts =			0.9286			
2	4	1.947	1.948	-0.001	12351132	0.9324		100.0	
2	5	2.087	2.088	-0.001	8147286	0.9273	37.0- 97.0	66.0	
2	6	2.147	2.148	-0.001	29820772	0.9386	210.7- 270.7	241.4	
			Average of Peak Amounts =			0.9328			
						RPD = 0.44			

QC Flag Legend

Review Flags
M - Manually Integrated

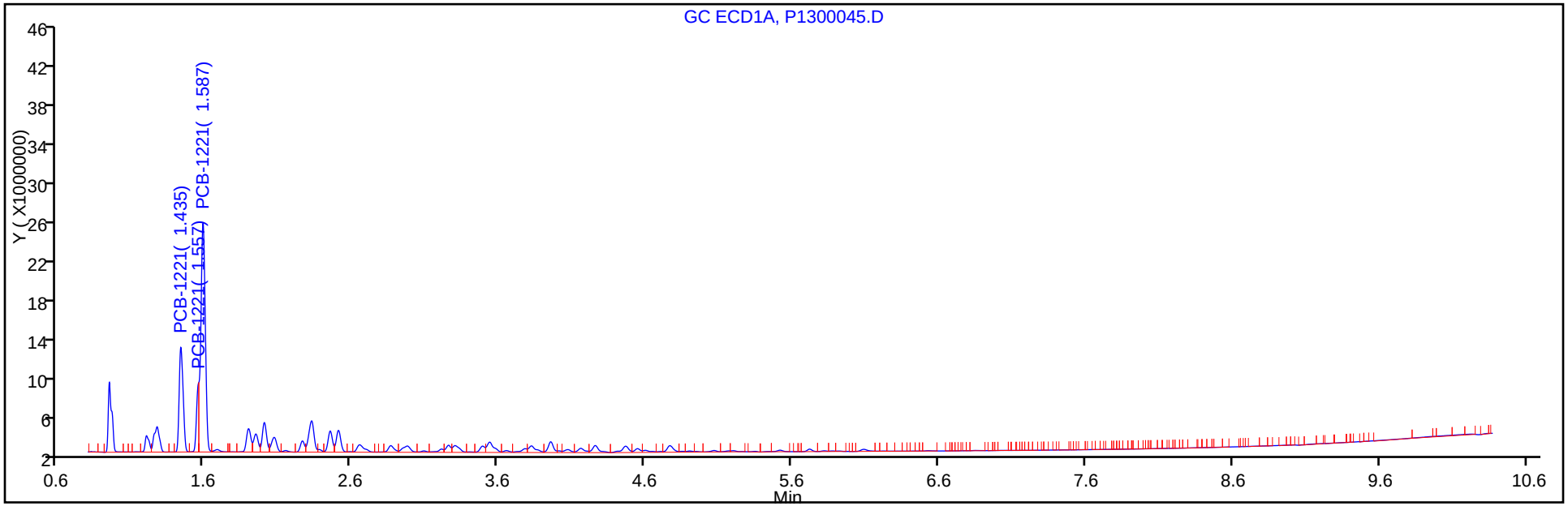
Report Date: 22-Oct-2012 09:20:05 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

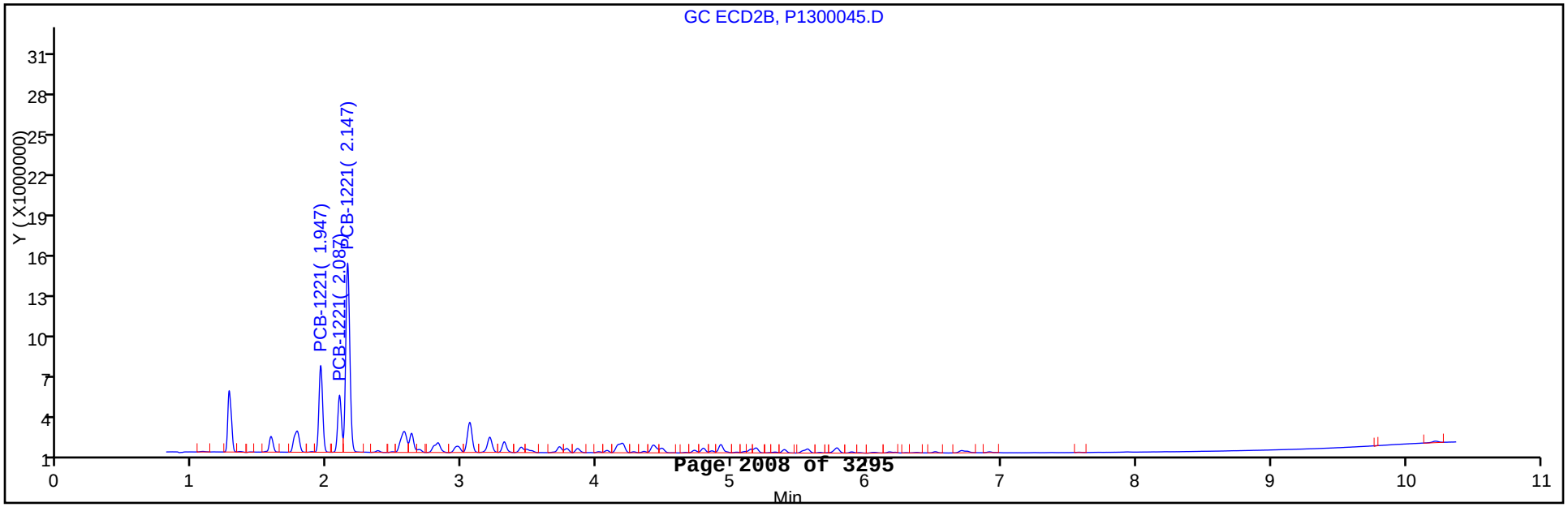
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300045.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/46 Calibration Date: 10/22/2012 03:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 16:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 18:07

Lab File ID: P1300046.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	43047684	42447096		0.986	1.00	-1.4	20.0
PCB-1232 Peak 2	Ave	35621771	36739191		1.03	1.00	3.1	20.0
PCB-1232 Peak 3	Ave	71317840	70927508		0.995	1.00	-0.5	20.0
PCB-1232 Peak 4	Ave	27280514	32224604		1.18	1.00	18.1	20.0
PCB-1232 Peak 5	Ave	29221734	31581550		1.08	1.00	8.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/46 Calibration Date: 10/22/2012 03:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 16:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 18:07

Lab File ID: P1300046.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	1.59	1.54	1.64
PCB-1232 Peak 2	1.90	1.85	1.95
PCB-1232 Peak 3	2.32	2.27	2.37
PCB-1232 Peak 4	2.45	2.41	2.51
PCB-1232 Peak 5	2.87	2.82	2.92

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D
Lims ID: ICV 1232 Client ID:
Inject. Date: 22-Oct-2012 03:34:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-046
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 62068 Lims Sample ID: 46
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

First Level Reviewer: hassl Date: 22-Oct-2012 09:11:37

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	42447096	0.9860		100.0	M
1	2	1.896	1.898	-0.002	36739191	1.03	57.1- 107.1	86.6	
1	3	2.324	2.323	0.001	70927508	0.99	143.5- 193.5	167.1	
1	4	2.453	2.455	-0.002	32224604	1.18	40.1- 90.1	75.9	
1	5	2.866	2.867	-0.001	31581550	1.08	41.3- 91.3	74.4	
			Average of Peak Amounts =			1.05			
2	6	2.147	2.148	-0.001	25949740	1.07		100.0	
2	7	2.571	2.573	-0.002	25300266	1.08	67.8- 127.8	97.5	
2	8	3.053	3.054	-0.001	45166344	1.11	132.2- 192.2	174.1	
2	9	3.200	3.201	-0.001	18873718	1.08	40.5- 100.5	72.7	
2	10	3.854	3.854	0.000	16323452	1.10	30.2- 90.2	62.9	
			Average of Peak Amounts =			1.09			
						RPD = 3.05			

QC Flag Legend

Review Flags
M - Manually Integrated

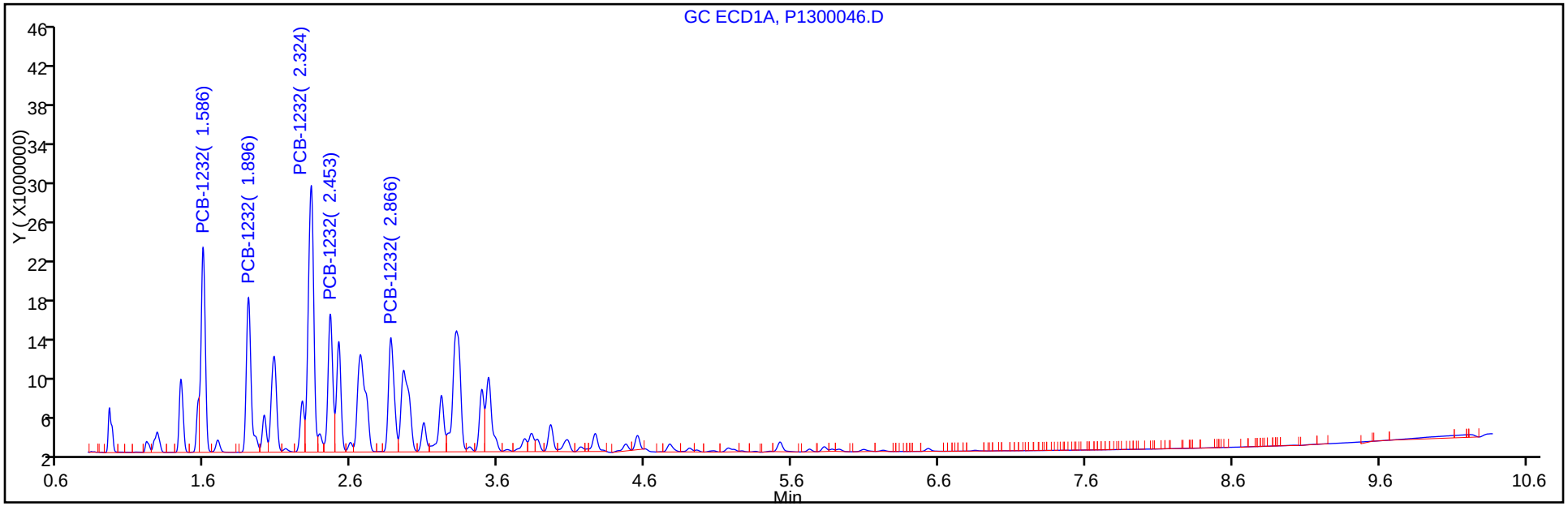
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

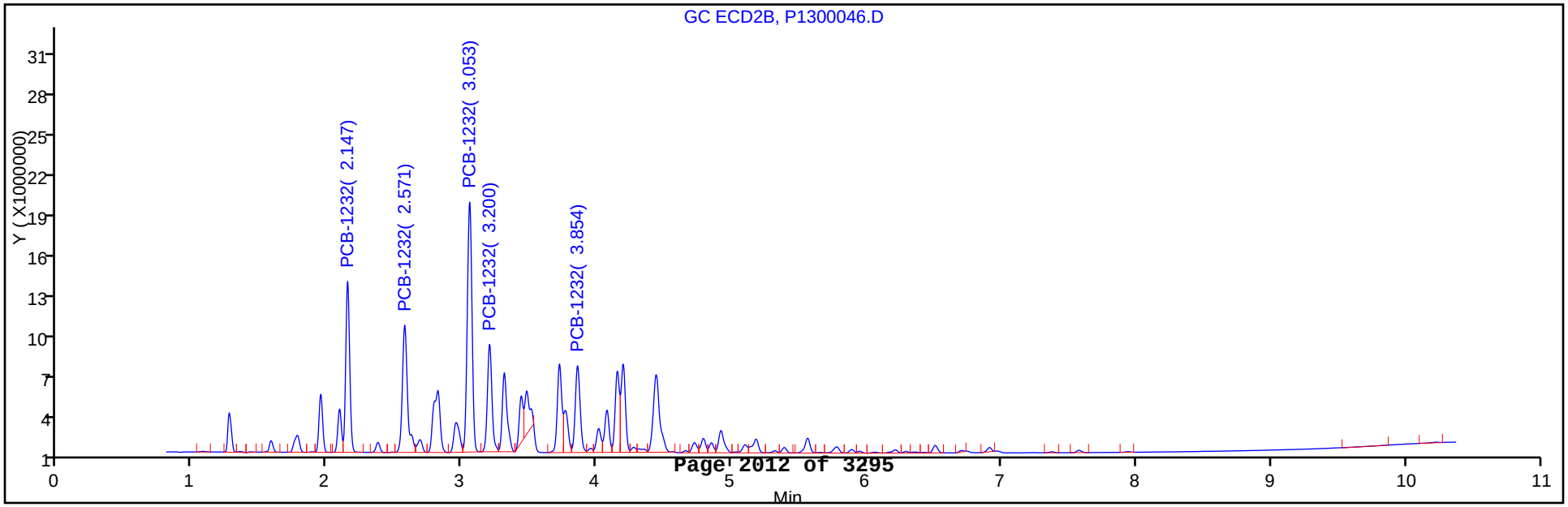
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



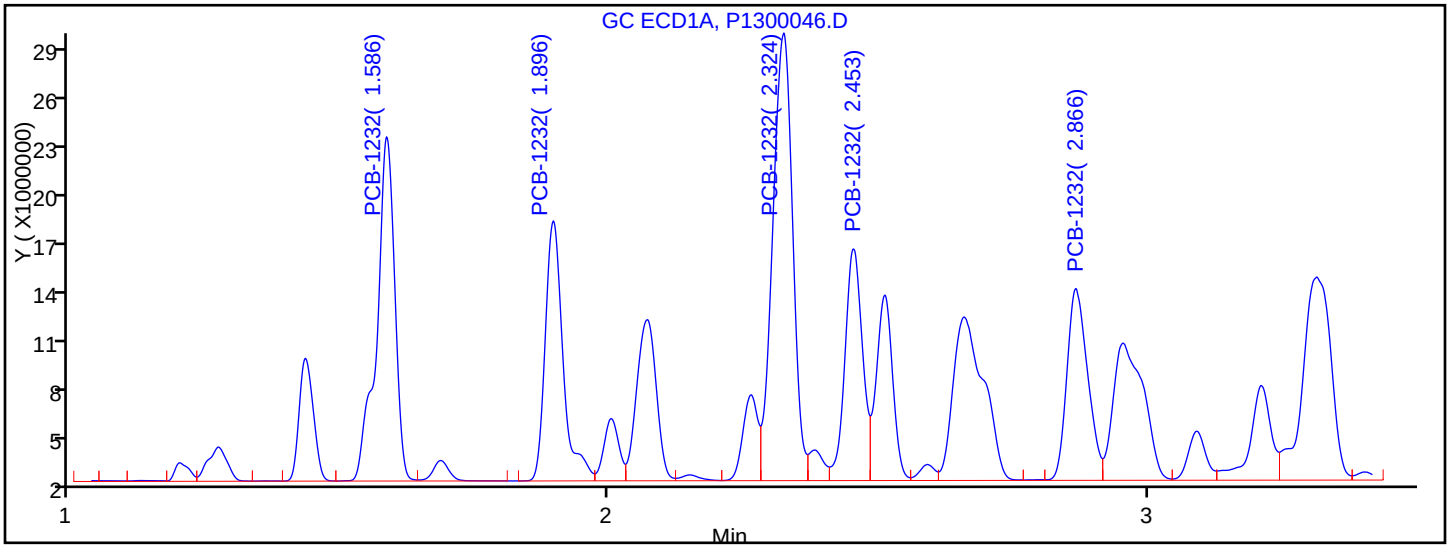
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

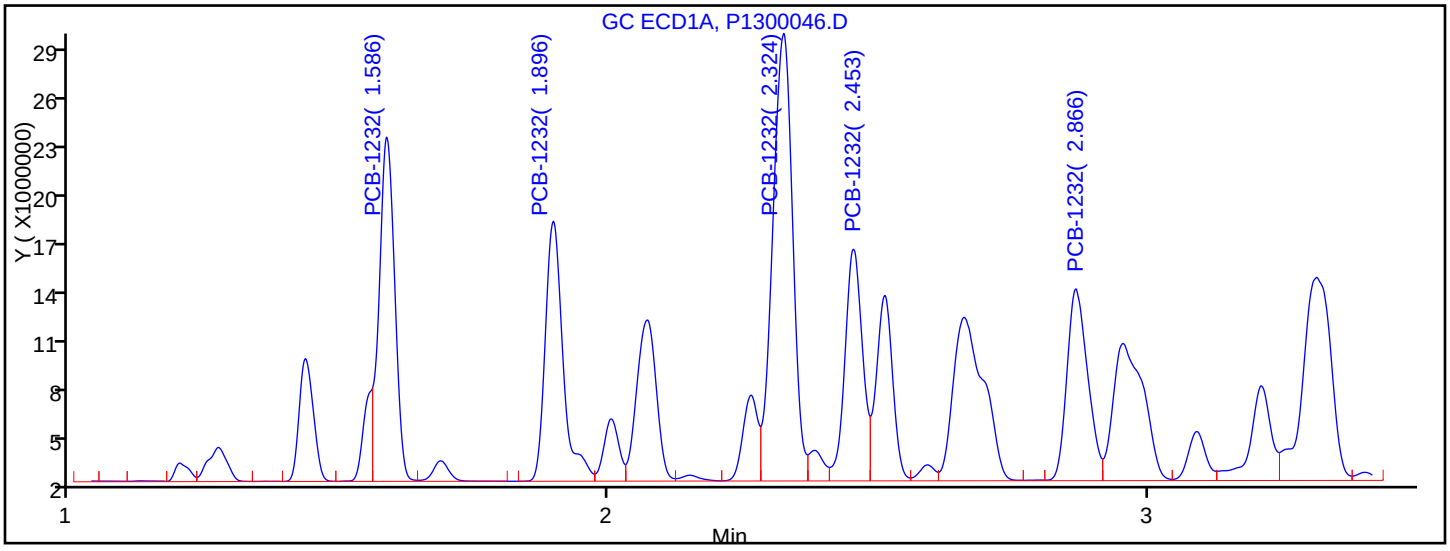
Injection Date:	22-Oct-2012 03:34:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	46
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

4 PCB-1232, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 48960234	M
RT = 1.896	Response = 36739191	
RT = 2.324	Response = 70927508	
RT = 2.453	Response = 32224604	
RT = 2.866	Response = 31581550	



Manual Integration Results

RT = 1.586	Response = 42447096	M
RT = 1.896	Response = 36739191	
RT = 2.324	Response = 70927508	
RT = 2.453	Response = 32224604	
RT = 2.866	Response = 31581550	

Reviewer: hassl, 22-Oct-2012 09:16:14

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/46 Calibration Date: 10/22/2012 03:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 16:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 18:07

Lab File ID: P1300046.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Ave	24300815	25949740		1.07	1.00	6.8	20.0
PCB-1232 Peak 2	Ave	23466837	25300266		1.08	1.00	7.8	20.0
PCB-1232 Peak 3	Ave	40526397	45166344		1.11	1.00	11.4	20.0
PCB-1232 Peak 4	Ave	17512364	18873718		1.08	1.00	7.8	20.0
PCB-1232 Peak 5	Ave	14852933	16323452		1.10	1.00	9.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/46 Calibration Date: 10/22/2012 03:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 16:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 18:07

Lab File ID: P1300046.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1232 Peak 1	2.15	2.10	2.20
PCB-1232 Peak 2	2.57	2.52	2.62
PCB-1232 Peak 3	3.05	3.00	3.10
PCB-1232 Peak 4	3.20	3.15	3.25
PCB-1232 Peak 5	3.85	3.80	3.90

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D
Lims ID: ICV 1232 Client ID:
Inject. Date: 22-Oct-2012 03:34:31 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-046
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 46
Lims Batch ID: 62068 Lims Sample ID: 46
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

First Level Reviewer: hassl Date: 22-Oct-2012 09:11:37

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
4 PCB-1232									M
1	100	1.586	1.588	-0.002	42447096	0.9860		100.0	M
1	2	1.896	1.898	-0.002	36739191	1.03	57.1- 107.1	86.6	
1	3	2.324	2.323	0.001	70927508	0.99	143.5- 193.5	167.1	
1	4	2.453	2.455	-0.002	32224604	1.18	40.1- 90.1	75.9	
1	5	2.866	2.867	-0.001	31581550	1.08	41.3- 91.3	74.4	
			Average of Peak Amounts =			1.05			
2	6	2.147	2.148	-0.001	25949740	1.07		100.0	
2	7	2.571	2.573	-0.002	25300266	1.08	67.8- 127.8	97.5	
2	8	3.053	3.054	-0.001	45166344	1.11	132.2- 192.2	174.1	
2	9	3.200	3.201	-0.001	18873718	1.08	40.5- 100.5	72.7	
2	10	3.854	3.854	0.000	16323452	1.10	30.2- 90.2	62.9	
			Average of Peak Amounts =			1.09			
						RPD = 3.05			

QC Flag Legend

Review Flags
M - Manually Integrated

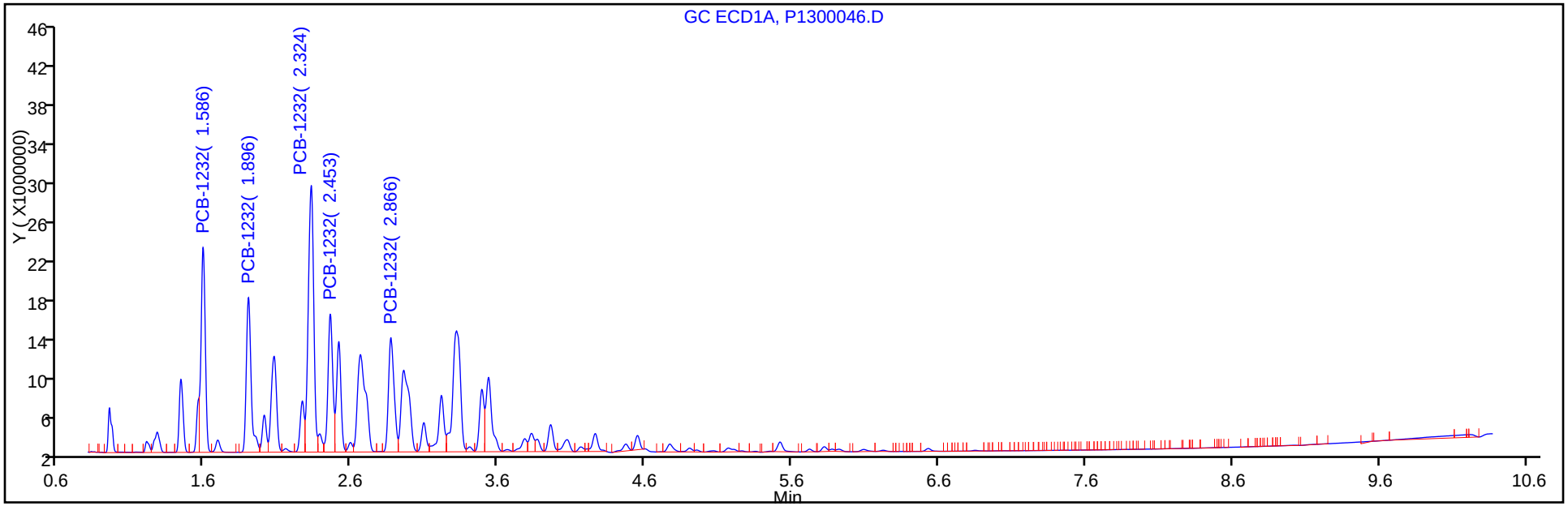
Report Date: 22-Oct-2012 09:17:41 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

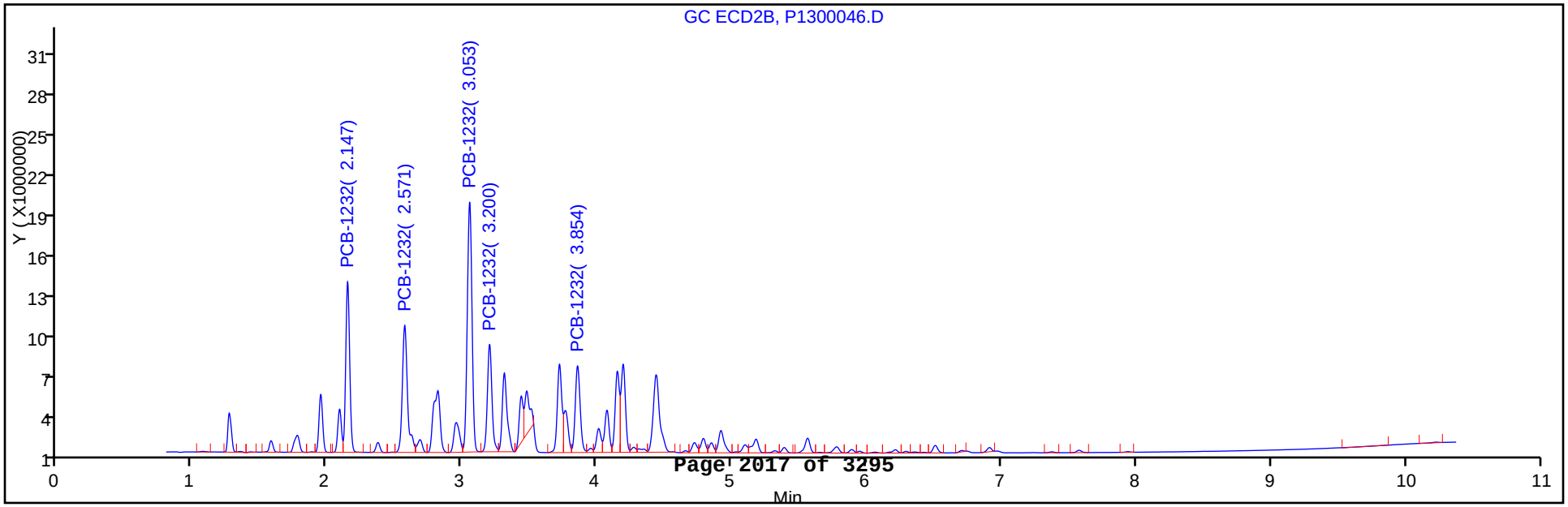
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300046.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/47 Calibration Date: 10/22/2012 03:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 18:22

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 19:37

Lab File ID: P1300047.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	32907992	31183923		0.948	1.00	-5.2	20.0
PCB-1242 Peak 2	Ave	59672785	55955291		0.938	1.00	-6.2	20.0
PCB-1242 Peak 3	Ave	127394823	113741548		0.893	1.00	-10.7	20.0
PCB-1242 Peak 4	Ave	51831636	52175029		1.01	1.00	0.7	20.0
PCB-1242 Peak 5	Ave	56160721	55256528		0.984	1.00	-1.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/47 Calibration Date: 10/22/2012 03:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 18:22

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 19:37

Lab File ID: P1300047.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	1.59	1.54	1.64
PCB-1242 Peak 2	1.90	1.85	1.95
PCB-1242 Peak 3	2.32	2.27	2.37
PCB-1242 Peak 4	2.45	2.40	2.50
PCB-1242 Peak 5	2.87	2.82	2.92

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D
Lims ID: ICV 1242 Client ID:
Inject. Date: 22-Oct-2012 03:49:26 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-047
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 47
Lims Batch ID: 62068 Lims Sample ID: 47
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

First Level Reviewer: hassl Date: 22-Oct-2012 09:15:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.586	1.587	-0.001	31183923	0.9476		100.0	M
1	2	1.895	1.896	-0.001	55955291	0.9377	156.0- 206.0	179.4	
1	3	2.323	2.323	0.000	113741548	0.8928	355.0- 405.0	364.7	
1	4	2.454	2.454	0.000	52175029	1.01	131.0- 181.0	167.3	
1	5	2.867	2.868	-0.001	55256528	0.9839	142.4- 192.4	177.2	
			Average of Peak Amounts =			0.9537			
2	6	2.147	2.148	-0.001	17410907	0.9335		100.0	
2	7	2.571	2.573	-0.002	36507544	0.9584	176.6- 236.6	209.7	
2	8	3.053	3.053	0.000	72407501	1.00	356.3- 416.3	415.9	
2	9	3.201	3.202	-0.001	30129419	0.9667	135.8- 195.8	173.0	
2	10	3.720	3.719	0.001	27166293	0.9699	121.8- 181.8	156.0	
			Average of Peak Amounts =			0.9650			
						RPD = 1.17			

QC Flag Legend

Review Flags
M - Manually Integrated

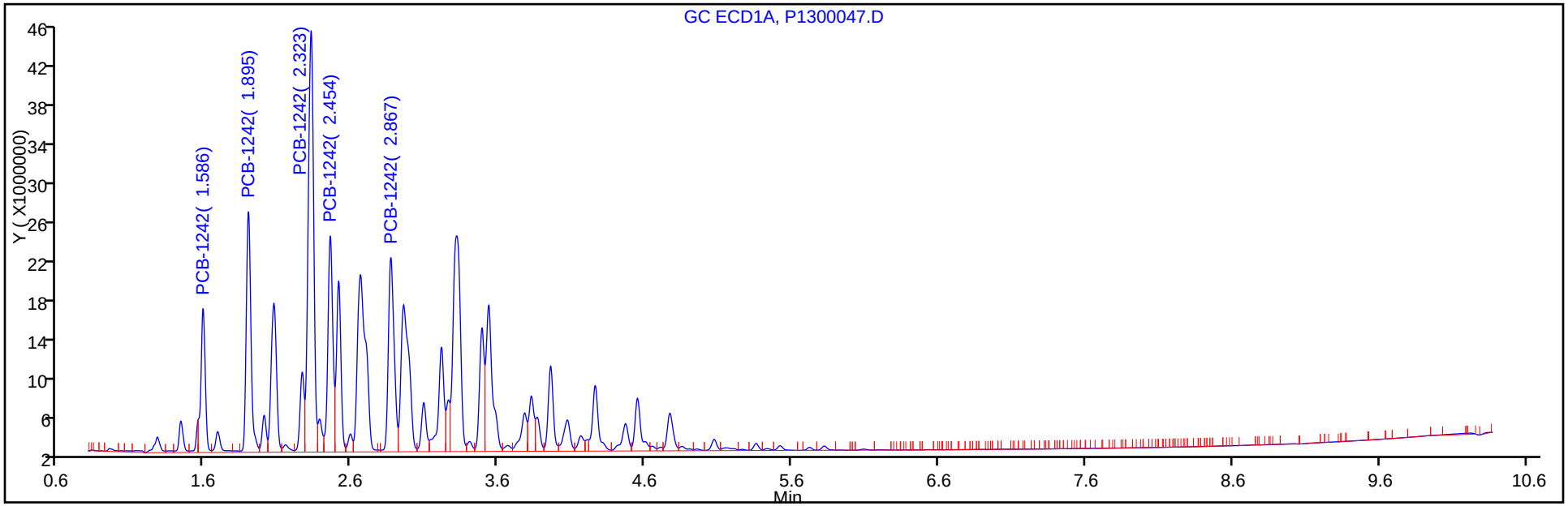
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

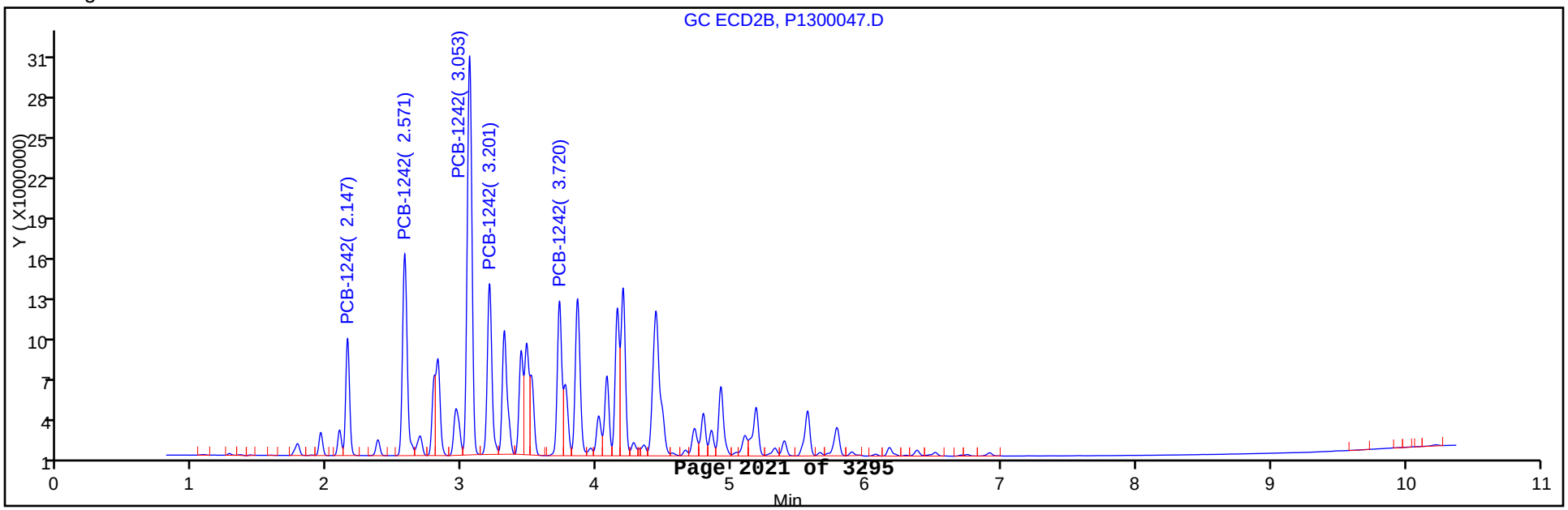
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



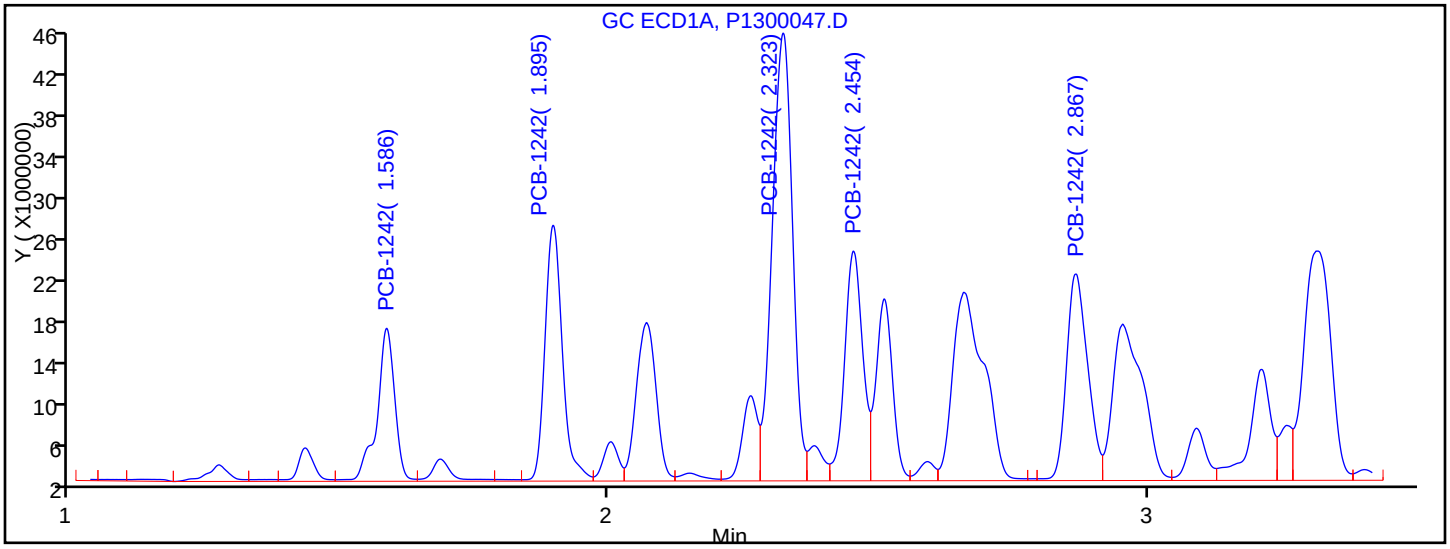
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

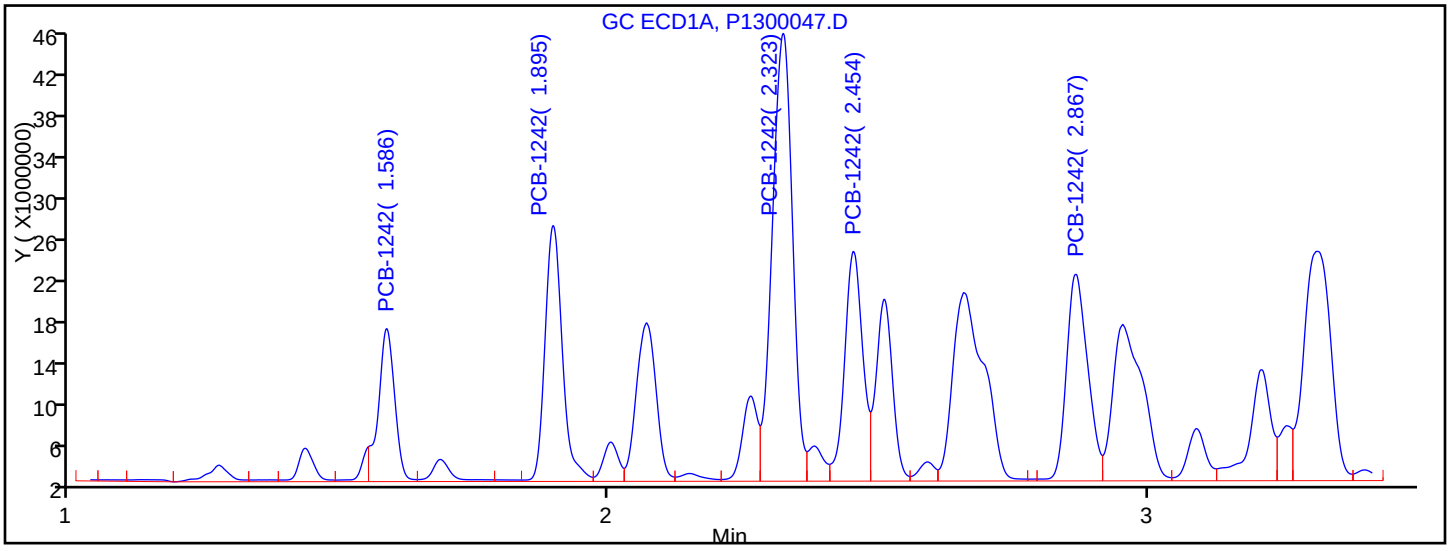
Injection Date:	22-Oct-2012 03:49:26	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	47
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 PCB-1242, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 34205640	M
RT = 1.895	Response = 55955291	
RT = 2.323	Response = 113741548	
RT = 2.454	Response = 52175029	
RT = 2.867	Response = 55256528	



Manual Integration Results

RT = 1.586	Response = 31183923	M
RT = 1.895	Response = 55955291	
RT = 2.323	Response = 113741548	
RT = 2.454	Response = 52175029	
RT = 2.867	Response = 55256528	

Reviewer: hassl, 22-Oct-2012 09:15:58

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/47 Calibration Date: 10/22/2012 03:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 18:22

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 19:37

Lab File ID: P1300047.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Ave	18651521	17410907		0.933	1.00	-6.7	20.0
PCB-1242 Peak 2	Ave	38092065	36507544		0.958	1.00	-4.2	20.0
PCB-1242 Peak 3	Ave	72669204	72407501		0.996	1.00	-0.4	20.0
PCB-1242 Peak 4	Ave	31166848	30129419		0.967	1.00	-3.3	20.0
PCB-1242 Peak 5	Ave	28008369	27166293		0.970	1.00	-3.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/47 Calibration Date: 10/22/2012 03:49

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 18:22

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 19:37

Lab File ID: P1300047.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1242 Peak 1	2.15	2.10	2.20
PCB-1242 Peak 2	2.57	2.52	2.62
PCB-1242 Peak 3	3.05	3.00	3.10
PCB-1242 Peak 4	3.20	3.15	3.25
PCB-1242 Peak 5	3.72	3.67	3.77

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D
Lims ID: ICV 1242 Client ID:
Inject. Date: 22-Oct-2012 03:49:26 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-047
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 47
Lims Batch ID: 62068 Lims Sample ID: 47
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

First Level Reviewer: hassl Date: 22-Oct-2012 09:15:58

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									M
1	100	1.586	1.587	-0.001	31183923	0.9476		100.0	M
1	2	1.895	1.896	-0.001	55955291	0.9377	156.0- 206.0	179.4	
1	3	2.323	2.323	0.000	113741548	0.8928	355.0- 405.0	364.7	
1	4	2.454	2.454	0.000	52175029	1.01	131.0- 181.0	167.3	
1	5	2.867	2.868	-0.001	55256528	0.9839	142.4- 192.4	177.2	
			Average of Peak Amounts =			0.9537			
2	6	2.147	2.148	-0.001	17410907	0.9335		100.0	
2	7	2.571	2.573	-0.002	36507544	0.9584	176.6- 236.6	209.7	
2	8	3.053	3.053	0.000	72407501	1.00	356.3- 416.3	415.9	
2	9	3.201	3.202	-0.001	30129419	0.9667	135.8- 195.8	173.0	
2	10	3.720	3.719	0.001	27166293	0.9699	121.8- 181.8	156.0	
			Average of Peak Amounts =			0.9650			
						RPD = 1.17			

QC Flag Legend

Review Flags
M - Manually Integrated

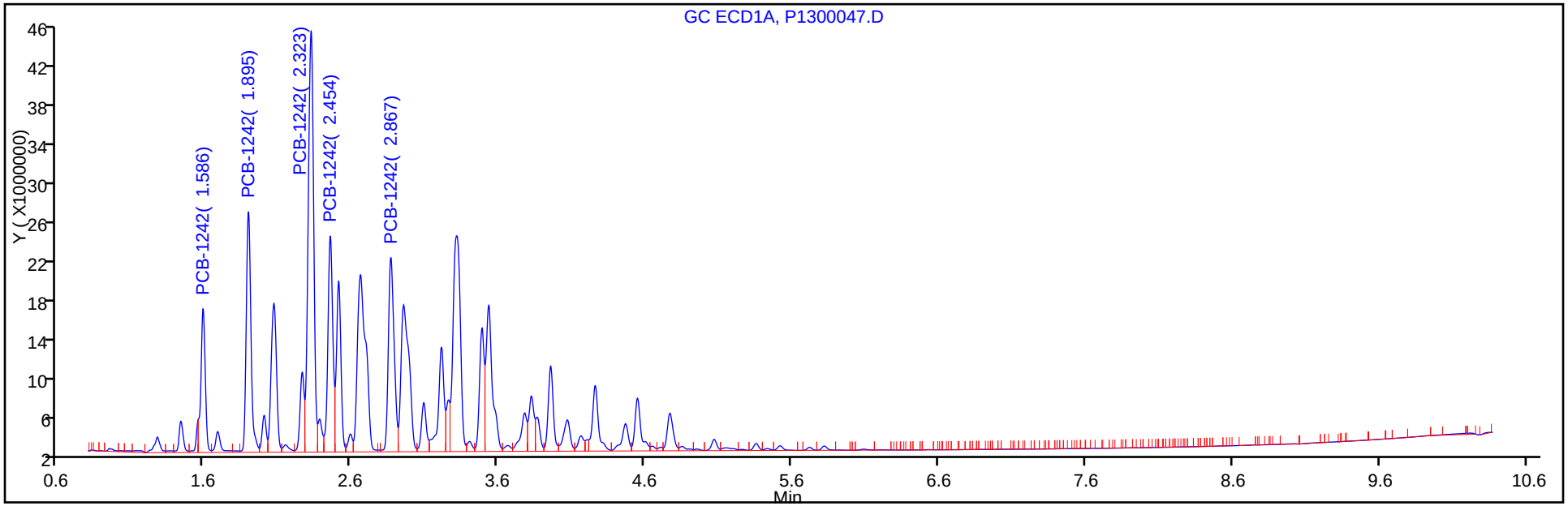
Report Date: 22-Oct-2012 09:17:38 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

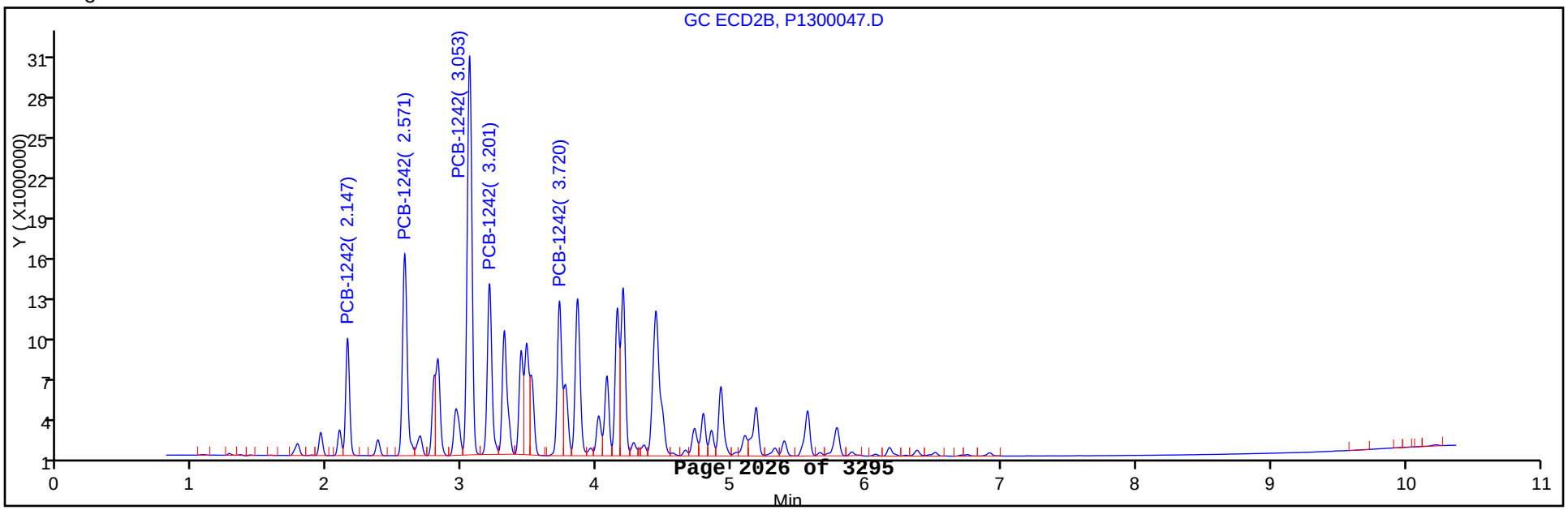
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300047.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/48 Calibration Date: 10/22/2012 04:04

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 19:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 21:07

Lab File ID: P1300048.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	30360760	31669282		1.04	1.00	4.3	20.0
PCB-1248 Peak 2	Ave	85512527	80529210		0.942	1.00	-5.8	20.0
PCB-1248 Peak 3	Ave	91721796	87576230		0.955	1.00	-4.5	20.0
PCB-1248 Peak 4	Ave	52262328	50034251		0.957	1.00	-4.3	20.0
PCB-1248 Peak 5	Ave	45872480	46288328		1.01	1.00	0.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/48 Calibration Date: 10/22/2012 04:04

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 19:52

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 21:07

Lab File ID: P1300048.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	1.90	1.85	1.95
PCB-1248 Peak 2	2.32	2.27	2.37
PCB-1248 Peak 3	2.87	2.82	2.92
PCB-1248 Peak 4	3.49	3.44	3.54
PCB-1248 Peak 5	3.96	3.91	4.01

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D
Lims ID: ICV 1248 Client ID:
Inject. Date: 22-Oct-2012 04:04:20 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-048
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 62068 Lims Sample ID: 48
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	31669282	1.04		100.0	
1	2	2.322	2.319	0.003	80529210	0.9417	252.8- 302.8	254.3	
1	3	2.866	2.866	0.000	87576230	0.9548	276.3- 326.3	276.5	
1	4	3.488	3.489	-0.001	50034251	0.9574	147.9- 197.9	158.0	
1	5	3.955	3.955	0.000	46288328	1.01	126.1- 176.1	146.2	
			Average of Peak Amounts =			0.9812			
2	6	2.570	2.570	0.000	20607817	1.08		100.0	
2	7	3.052	3.053	-0.001	52270819	1.06	225.1- 285.1	253.6	
2	8	3.719	3.719	0.000	58714049	0.9709	285.5- 345.5	284.9	
2	9	3.853	3.853	0.000	47710116	0.9598	227.4- 287.4	231.5	
2	10	4.917	4.916	0.001	29540895	0.9887	126.6- 186.6	143.3	
			Average of Peak Amounts =			1.01			
						RPD = 3.01			

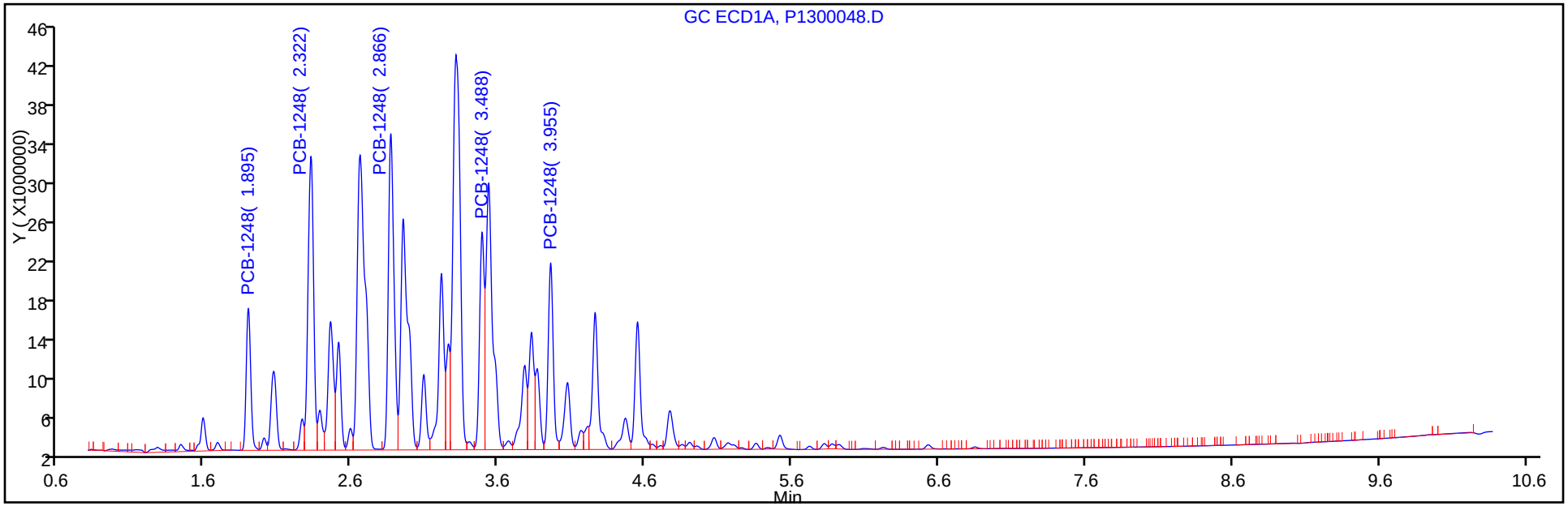
Report Date: 22-Oct-2012 09:17:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

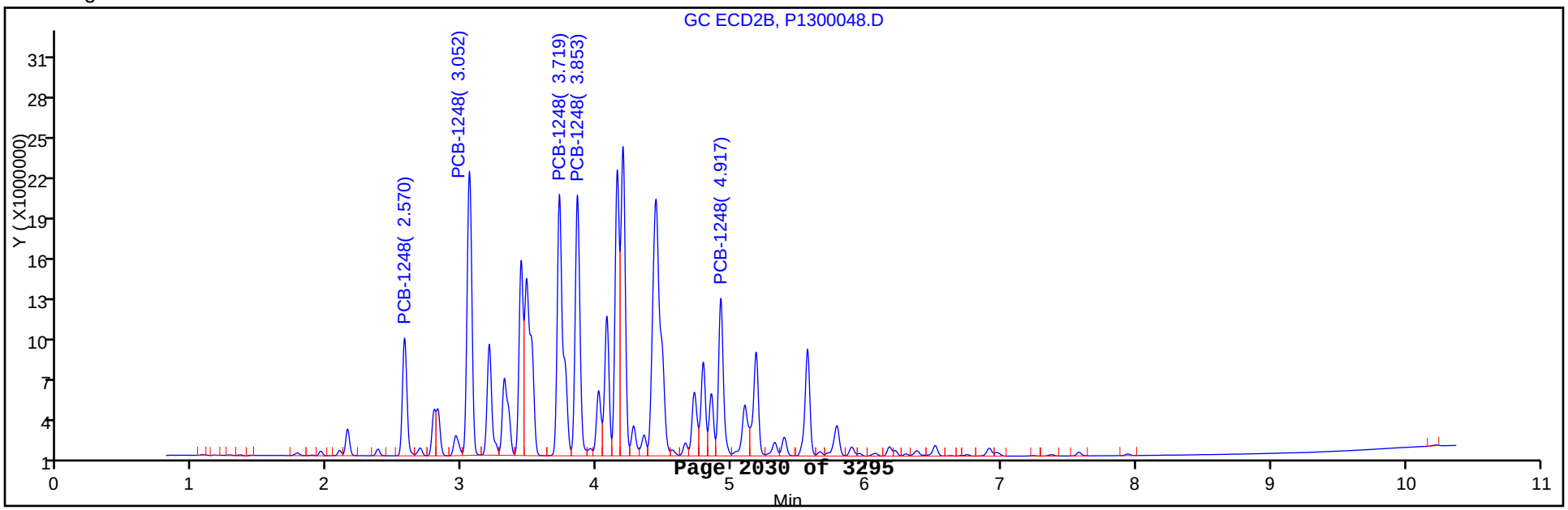
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D

Injection Date:	22-Oct-2012 04:04:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	48
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/48 Calibration Date: 10/22/2012 04:04

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 19:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 21:07

Lab File ID: P1300048.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Ave	19163111	20607817		1.08	1.00	7.5	20.0
PCB-1248 Peak 2	Ave	49264300	52270819		1.06	1.00	6.1	20.0
PCB-1248 Peak 3	Ave	60474000	58714049		0.971	1.00	-2.9	20.0
PCB-1248 Peak 4	Ave	49709099	47710116		0.960	1.00	-4.0	20.0
PCB-1248 Peak 5	Ave	29879712	29540895		0.989	1.00	-1.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/48 Calibration Date: 10/22/2012 04:04

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 19:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 21:07

Lab File ID: P1300048.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1248 Peak 1	2.57	2.52	2.62
PCB-1248 Peak 2	3.05	3.00	3.10
PCB-1248 Peak 3	3.72	3.67	3.77
PCB-1248 Peak 4	3.85	3.80	3.90
PCB-1248 Peak 5	4.92	4.87	4.97

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D
Lims ID: ICV 1248 Client ID:
Inject. Date: 22-Oct-2012 04:04:20 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-048
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 48
Lims Batch ID: 62068 Lims Sample ID: 48
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
7 PCB-1248									
1	86	1.895	1.895	0.000	31669282	1.04		100.0	
1	2	2.322	2.319	0.003	80529210	0.9417	252.8- 302.8	254.3	
1	3	2.866	2.866	0.000	87576230	0.9548	276.3- 326.3	276.5	
1	4	3.488	3.489	-0.001	50034251	0.9574	147.9- 197.9	158.0	
1	5	3.955	3.955	0.000	46288328	1.01	126.1- 176.1	146.2	
			Average of Peak Amounts =			0.9812			
2	6	2.570	2.570	0.000	20607817	1.08		100.0	
2	7	3.052	3.053	-0.001	52270819	1.06	225.1- 285.1	253.6	
2	8	3.719	3.719	0.000	58714049	0.9709	285.5- 345.5	284.9	
2	9	3.853	3.853	0.000	47710116	0.9598	227.4- 287.4	231.5	
2	10	4.917	4.916	0.001	29540895	0.9887	126.6- 186.6	143.3	
			Average of Peak Amounts =			1.01			
						RPD = 3.01			

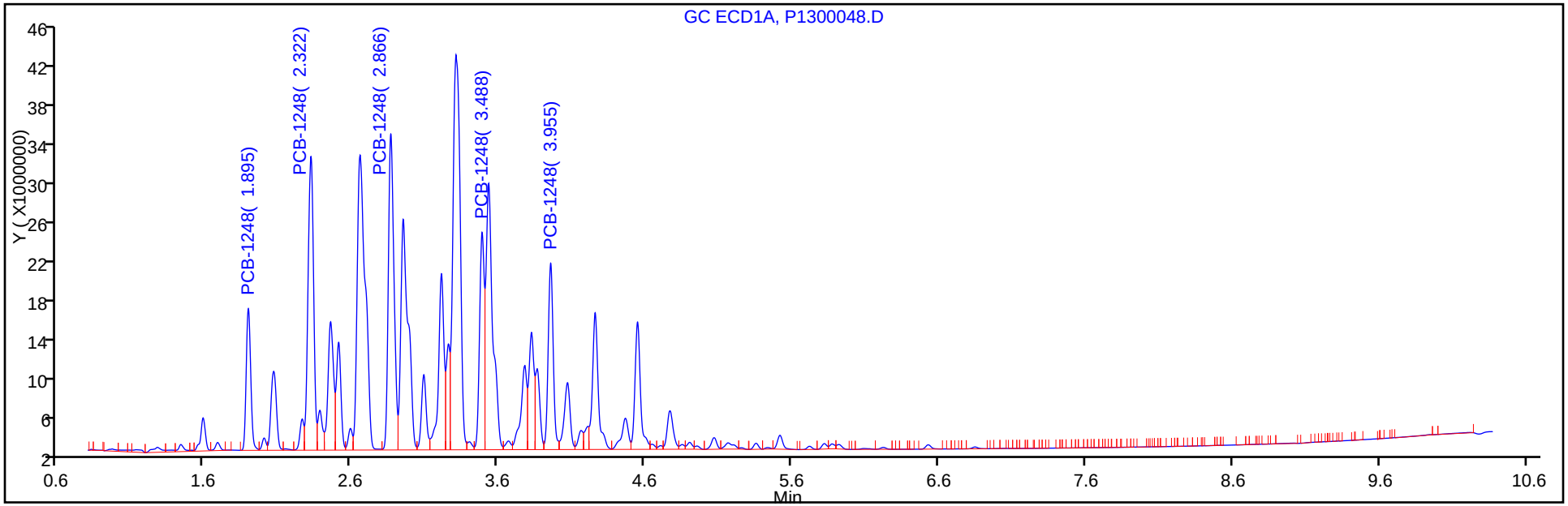
Report Date: 22-Oct-2012 09:17:36 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

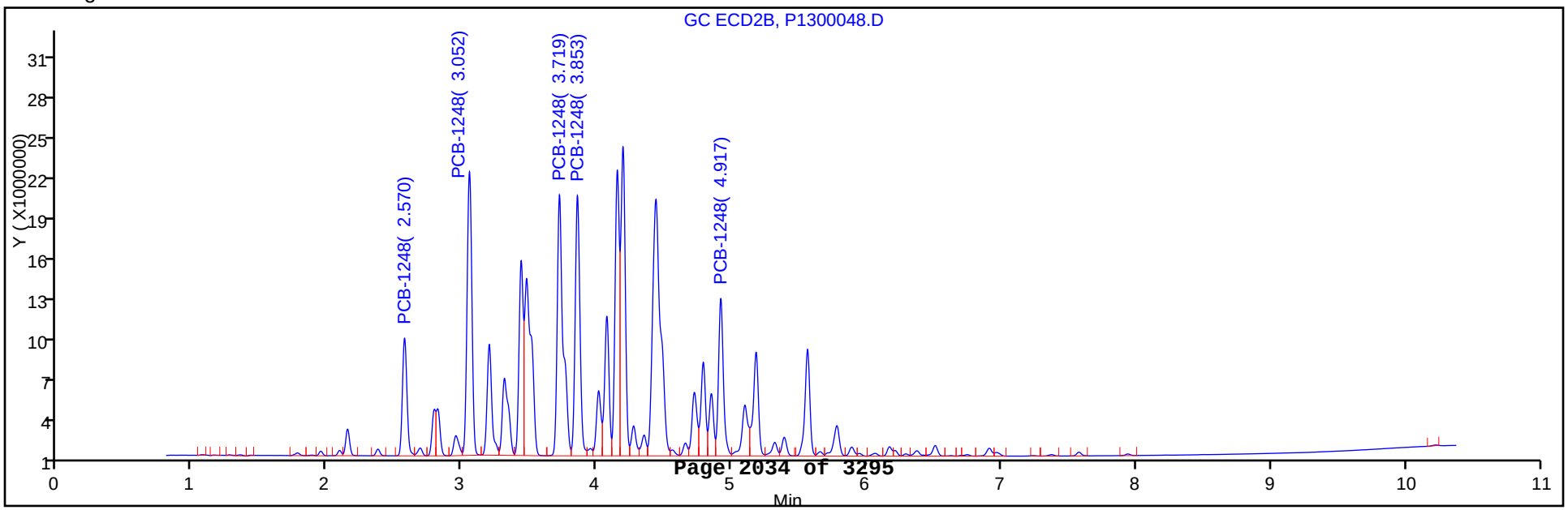
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300048.D

Injection Date:	22-Oct-2012 04:04:20	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	48
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/49 Calibration Date: 10/22/2012 04:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300049.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	129854337	134604744		1.04	1.00	3.7	20.0
PCB-1254 Peak 2	Ave	140607863	136235384		0.969	1.00	-3.1	20.0
PCB-1254 Peak 3	Ave	114573263	123557280		1.08	1.00	7.8	20.0
PCB-1254 Peak 4	Ave	98278501	106942531		1.09	1.00	8.8	20.0
PCB-1254 Peak 5	Ave	141316304	157505677		1.11	1.00	11.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/49 Calibration Date: 10/22/2012 04:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300049.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	3.54	3.49	3.59
PCB-1254 Peak 2	3.96	3.91	4.01
PCB-1254 Peak 3	4.26	4.21	4.31
PCB-1254 Peak 4	4.47	4.42	4.52
PCB-1254 Peak 5	4.77	4.72	4.82

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D
Lims ID: ICV 1254 Client ID:
Inject. Date: 22-Oct-2012 04:19:14 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-049
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 49
Lims Batch ID: 62068 Lims Sample ID: 49
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 PCB-1254									
1	100	3.541	3.541	0.000	134604744	1.04		100.0	
1	2	3.955	3.956	-0.001	136235384	0.9689	82.6- 132.6	101.2	
1	3	4.260	4.259	0.001	123557280	1.08	64.9- 114.9	91.8	
1	4	4.465	4.467	-0.002	106942531	1.09	49.9- 99.9	79.4	
1	5	4.768	4.768	0.000	157505677	1.11	84.1- 134.1	117.0	
			Average of Peak Amounts =			1.06			
2	6	4.414	4.413	0.001	59335114	1.04		100.0	
2	7	4.917	4.918	-0.001	91433133	1.03	124.0- 184.0	154.1	
2	8	5.178	5.179	-0.001	65423220	1.08	76.3- 136.3	110.3	
2	9	5.560	5.562	-0.002	73452526	1.09	87.0- 147.0	123.8	
2	10	5.779	5.779	0.000	98411635	1.13	121.1- 181.1	165.9	
			Average of Peak Amounts =			1.07			
						RPD = 1.46			

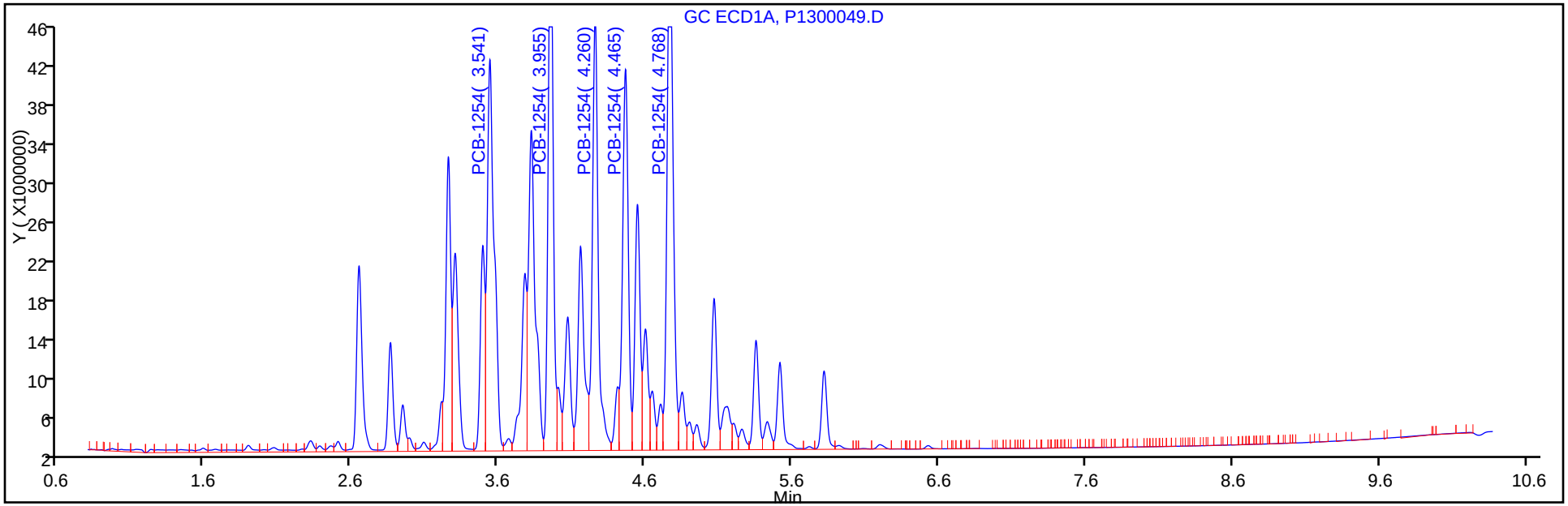
Report Date: 22-Oct-2012 09:17:34 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

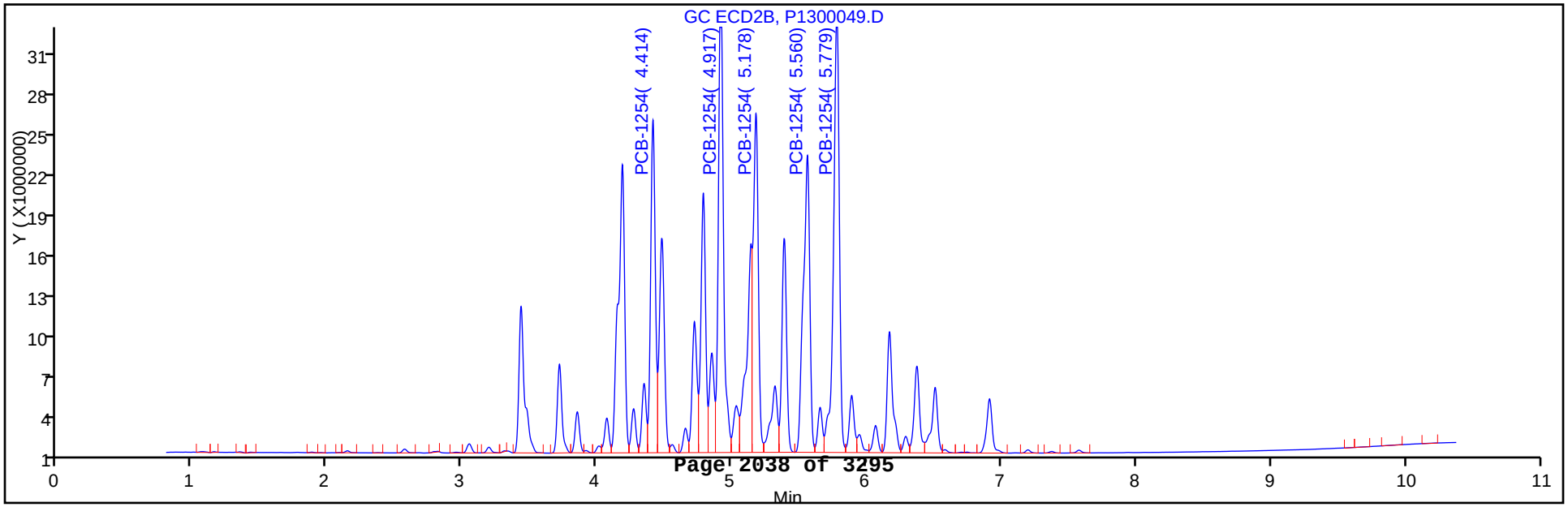
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D

Injection Date:	22-Oct-2012 04:19:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/49 Calibration Date: 10/22/2012 04:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300049.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1254 Peak 1	Ave	57268796	59335114		1.04	1.00	3.6	20.0
PCB-1254 Peak 2	Ave	88664644	91433133		1.03	1.00	3.1	20.0
PCB-1254 Peak 3	Ave	60796972	65423220		1.08	1.00	7.6	20.0
PCB-1254 Peak 4	Ave	67557439	73452526		1.09	1.00	8.7	20.0
PCB-1254 Peak 5	Ave	86824427	98411635		1.13	1.00	13.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/49 Calibration Date: 10/22/2012 04:19

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 21:21

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/21/2012 22:36

Lab File ID: P1300049.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1254 Peak 1	4.41	4.36	4.46
PCB-1254 Peak 2	4.92	4.87	4.97
PCB-1254 Peak 3	5.18	5.13	5.23
PCB-1254 Peak 4	5.56	5.51	5.61
PCB-1254 Peak 5	5.78	5.73	5.83

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D
Lims ID: ICV 1254 Client ID:
Inject. Date: 22-Oct-2012 04:19:14 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-049
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 49
Lims Batch ID: 62068 Lims Sample ID: 49
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 PCB-1254									
1	100	3.541	3.541	0.000	134604744	1.04		100.0	
1	2	3.955	3.956	-0.001	136235384	0.9689	82.6- 132.6	101.2	
1	3	4.260	4.259	0.001	123557280	1.08	64.9- 114.9	91.8	
1	4	4.465	4.467	-0.002	106942531	1.09	49.9- 99.9	79.4	
1	5	4.768	4.768	0.000	157505677	1.11	84.1- 134.1	117.0	
			Average of Peak Amounts =			1.06			
2	6	4.414	4.413	0.001	59335114	1.04		100.0	
2	7	4.917	4.918	-0.001	91433133	1.03	124.0- 184.0	154.1	
2	8	5.178	5.179	-0.001	65423220	1.08	76.3- 136.3	110.3	
2	9	5.560	5.562	-0.002	73452526	1.09	87.0- 147.0	123.8	
2	10	5.779	5.779	0.000	98411635	1.13	121.1- 181.1	165.9	
			Average of Peak Amounts =			1.07			
						RPD = 1.46			

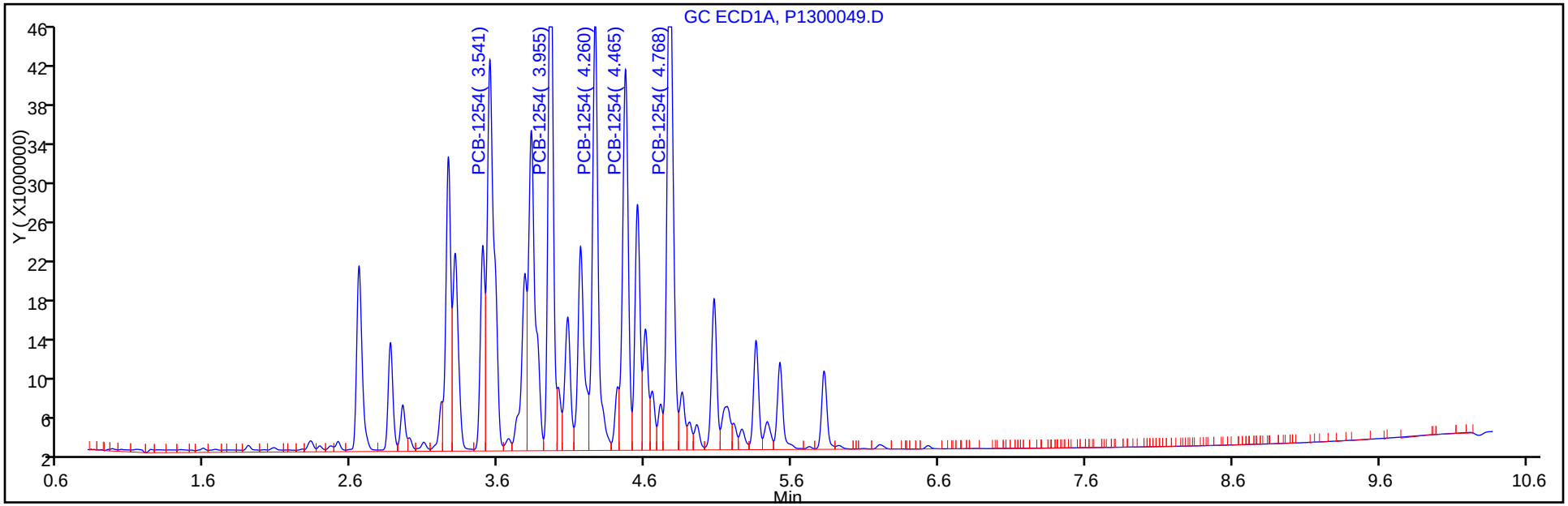
Report Date: 22-Oct-2012 09:17:34 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

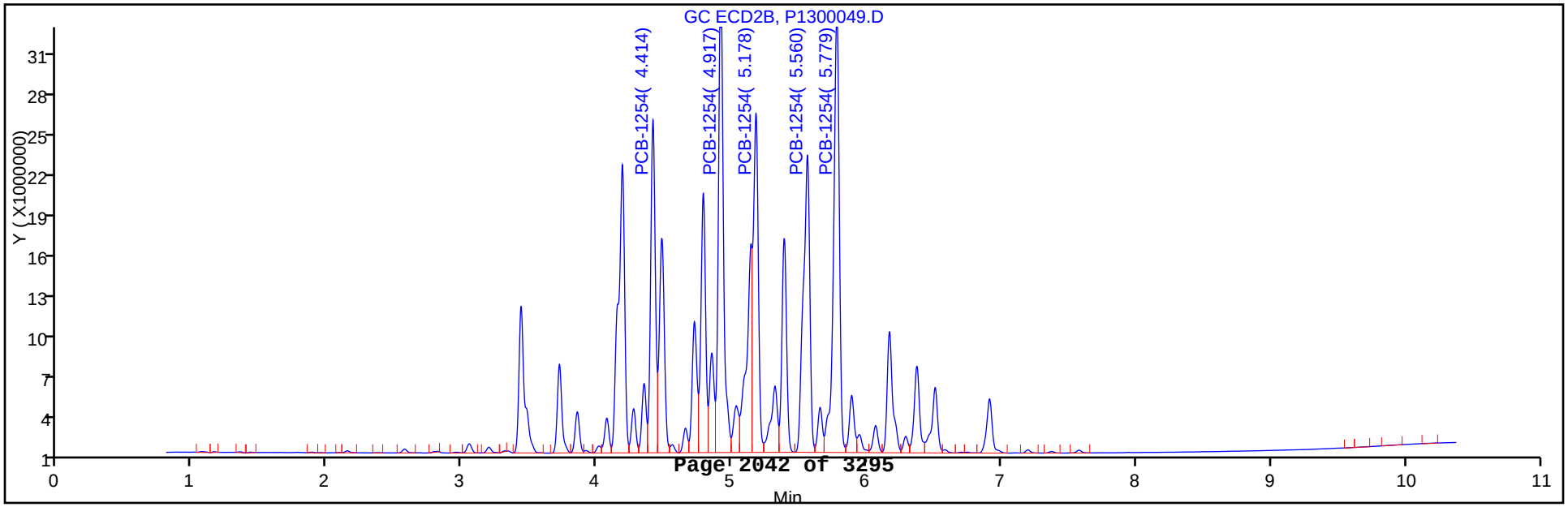
Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300049.D

Injection Date:	22-Oct-2012 04:19:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	49
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/50 Calibration Date: 10/22/2012 04:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	40655544	38228313		0.940	1.00	-6.0	20.0
PCB-1016 Peak 2	Ave	71876982	71723522		0.998	1.00	-0.2	20.0
PCB-1016 Peak 3	Ave	155218061	145252214		0.936	1.00	-6.4	20.0
PCB-1016 Peak 4	Ave	64472512	68052214		1.06	1.00	5.6	20.0
PCB-1016 Peak 5	Ave	67849134	69850424		1.03	1.00	2.9	20.0
PCB-1260 Peak 1	Ave	101355640	101972175		1.01	1.00	0.6	20.0
PCB-1260 Peak 2	Ave	200632590	201607884		1.00	1.00	0.5	20.0
PCB-1260 Peak 3	Ave	200043209	191897453		0.959	1.00	-4.1	20.0
PCB-1260 Peak 4	Ave	271809958	324736998		1.19	1.00	19.5	20.0
PCB-1260 Peak 5	Ave	129152153	145454031		1.13	1.00	12.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/50 Calibration Date: 10/22/2012 04:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300050.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.59	1.54	1.64
PCB-1016 Peak 2	1.90	1.85	1.95
PCB-1016 Peak 3	2.33	2.27	2.37
PCB-1016 Peak 4	2.45	2.40	2.50
PCB-1016 Peak 5	2.87	2.82	2.92
PCB-1260 Peak 1	4.16	4.11	4.21
PCB-1260 Peak 2	4.47	4.42	4.52
PCB-1260 Peak 3	4.77	4.72	4.82
PCB-1260 Peak 4	5.52	5.47	5.57
PCB-1260 Peak 5	5.82	5.77	5.87

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D
Lims ID: ICV 1660 Client ID:
Inject. Date: 22-Oct-2012 04:34:07 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-050
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 62068 Lims Sample ID: 50
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

First Level Reviewer: hassl Date: 22-Oct-2012 09:15:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									M
1	100	1.586	1.587	-0.001	38228313	0.9403		100.0	M
1	2	1.896	1.896	0.000	71723522	1.00	149.3- 199.3	187.6	
1	3	2.325	2.323	0.002	145252214	0.9358	350.2- 400.2	380.0	
1	4	2.454	2.453	0.001	68052214	1.06	130.7- 180.7	178.0	
1	5	2.866	2.867	-0.001	69850424	1.03	137.9- 187.9	182.7	
			Average of Peak Amounts =			0.99			
2	6	2.147	2.147	0.000	23415698	1.04		100.0	
2	7	2.571	2.571	0.000	48518836	1.03	176.5- 236.5	207.2	
2	8	3.053	3.054	-0.001	97238509	1.07	362.5- 422.5	415.3	
2	9	3.201	3.201	0.000	40441239	1.04	137.9- 197.9	172.7	
2	10	3.855	3.854	0.001	37216207	1.03	118.8- 178.8	158.9	
			Average of Peak Amounts =			1.04			
						RPD = 5.18			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	101972175	1.01		100.0	
1	2	4.469	4.469	0.000	201607884	1.00	175.1- 225.1	197.7	
1	3	4.768	4.767	0.001	191897453	0.9593	173.2- 223.2	188.2	
1	4	5.519	5.518	0.001	324736998	1.19	244.1- 294.1	318.5	
1	5	5.821	5.820	0.001	145454031	1.13	101.5- 151.5	142.6	
			Average of Peak Amounts =			1.06			
2	6	5.141	5.141	0.000	66548848	1.00		100.0	
2	7	5.388	5.389	-0.001	81523657	1.12	86.6- 146.6	122.5	
2	8	5.776	5.776	0.000	112380662	0.9619	142.9- 202.9	168.9	
2	9	6.510	6.509	0.001	177322502	1.25	179.5- 239.5	266.5	
2	10	6.911	6.910	0.001	124132552	1.19	121.8- 181.8	186.5	
			Average of Peak Amounts =			1.10			
						RPD = 4.17			

QC Flag Legend

Review Flags
M - Manually Integrated

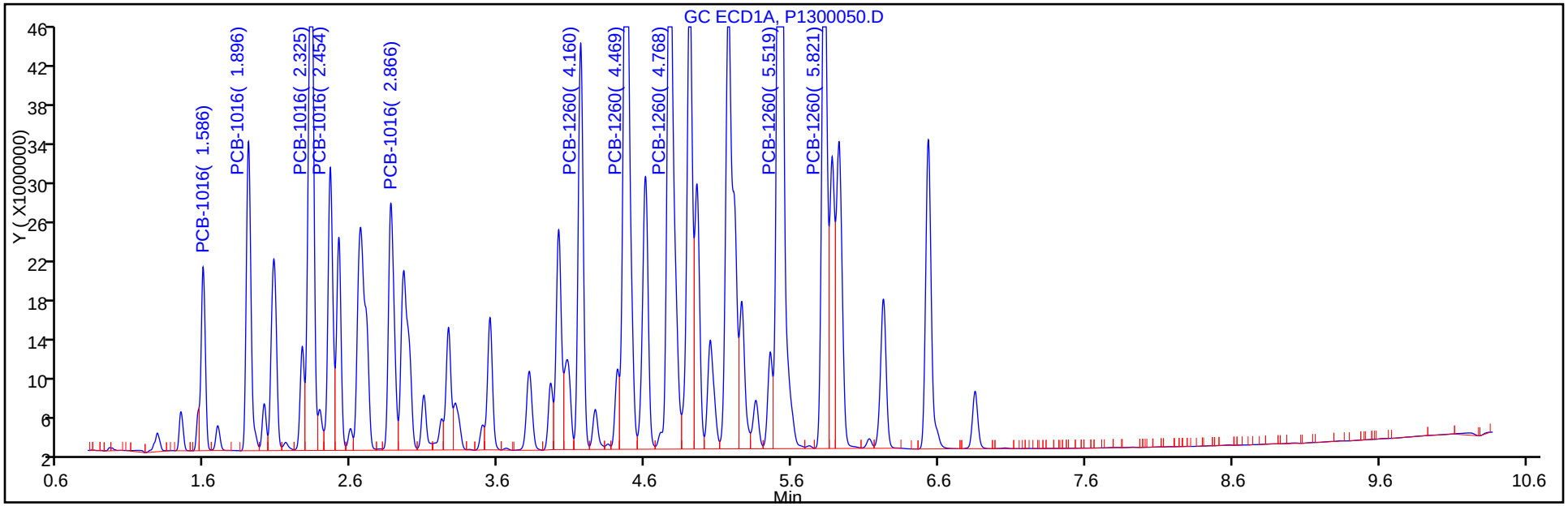
Report Date: 22-Oct-2012 09:17:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

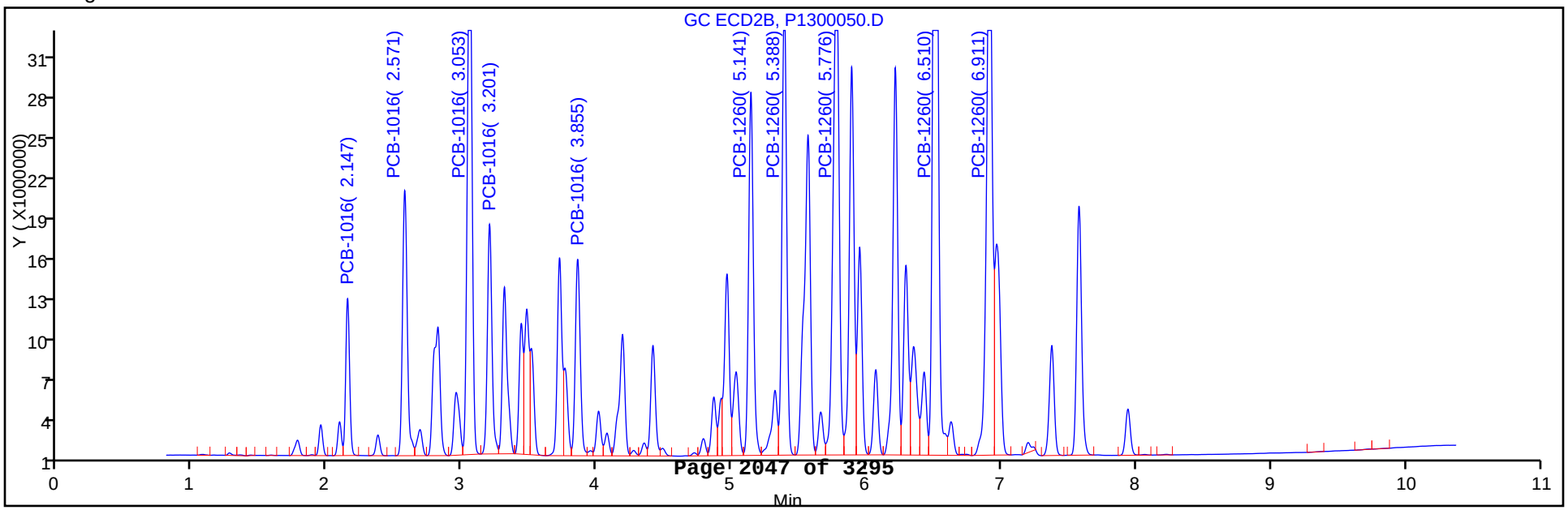
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Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



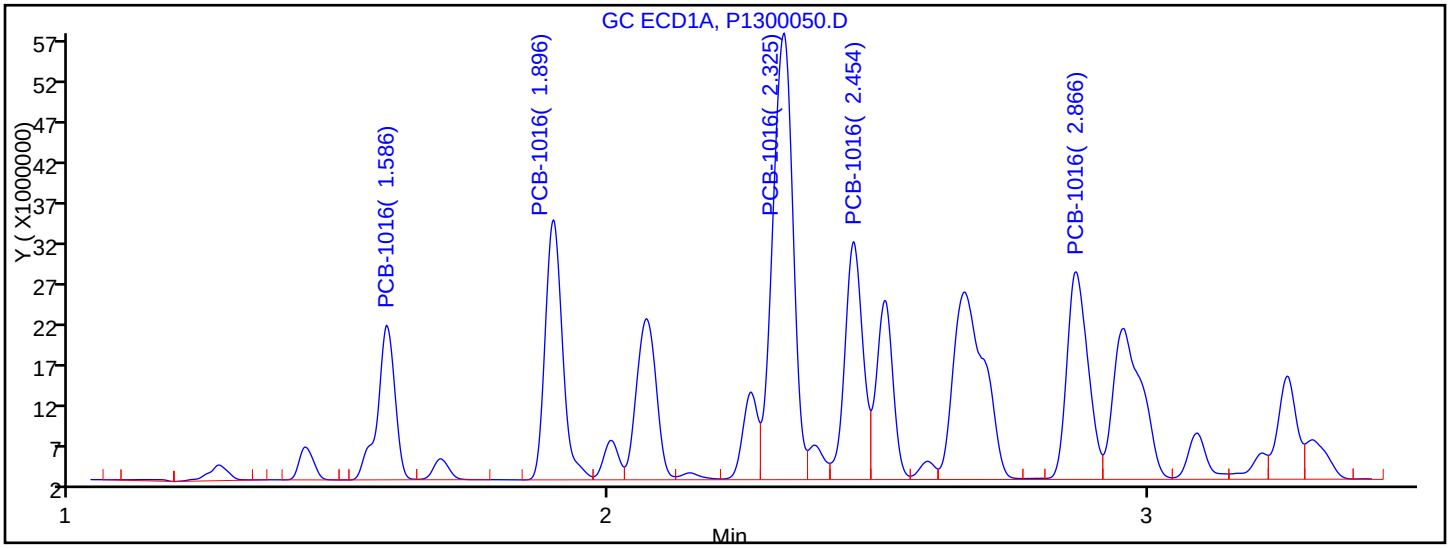
Report Date: 22-Oct-2012 09:17:31 Chrom Revision: 2.0 12-Oct-2012 03:41:20

TestAmerica Canton

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

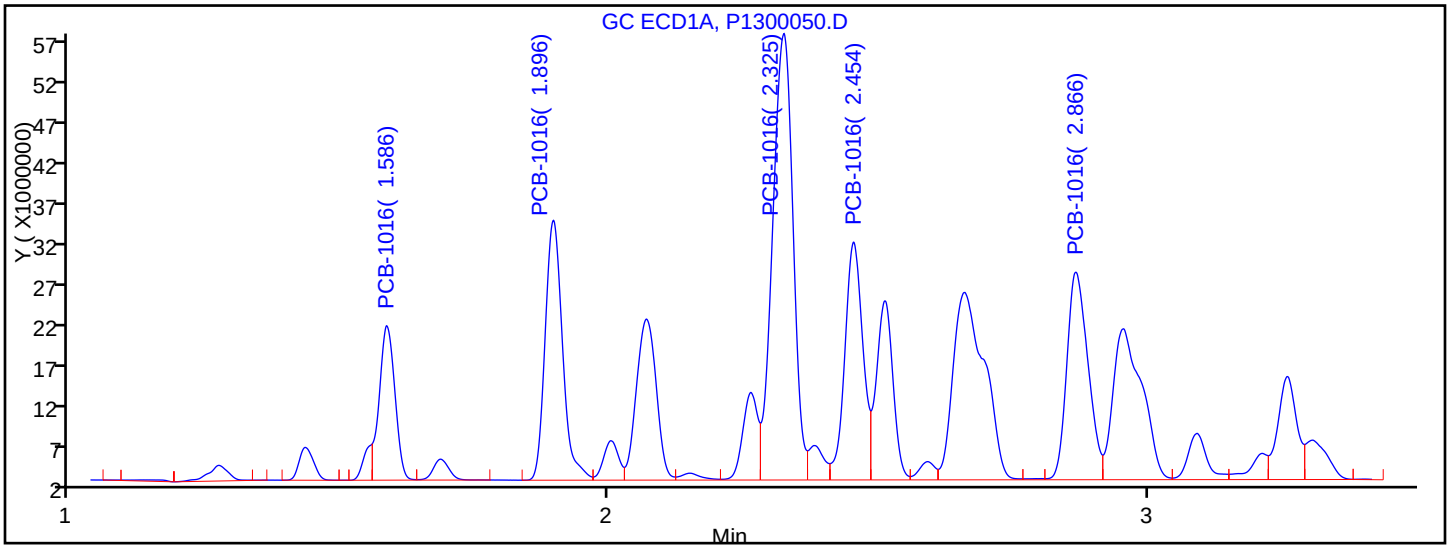
Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 PCB-1016, Detector: 1, GC ECD1A



Processing Integration Results

RT = 1.586	Response = 43047096	M
RT = 1.896	Response = 71723522	
RT = 2.325	Response = 145252214	
RT = 2.454	Response = 68052214	
RT = 2.866	Response = 69850424	



Manual Integration Results

RT = 1.586	Response = 38228313	M
RT = 1.896	Response = 71723522	
RT = 2.325	Response = 145252214	
RT = 2.454	Response = 68052214	
RT = 2.866	Response = 69850424	

Reviewer: hassl, 22-Oct-2012 09:15:31

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/50 Calibration Date: 10/22/2012 04:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300050.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	22473505	23415698		1.04	1.00	4.2	20.0
PCB-1016 Peak 2	Ave	46910344	48518836		1.03	1.00	3.4	20.0
PCB-1016 Peak 3	Ave	90857261	97238509		1.07	1.00	7.0	20.0
PCB-1016 Peak 4	Ave	38716589	40441239		1.04	1.00	4.5	20.0
PCB-1016 Peak 5	Ave	36067525	37216207		1.03	1.00	3.2	20.0
PCB-1260 Peak 1	Ave	66648717	66548848		0.999	1.00	-0.1	20.0
PCB-1260 Peak 2	Lin1		81523657		1.12	1.00	11.8	20.0
PCB-1260 Peak 3	Ave	116834929	112380662		0.962	1.00	-3.8	20.0
PCB-1260 Peak 4	Ave	142290611	177322502		1.25	1.00	24.6*	20.0
PCB-1260 Peak 5	Ave	104134113	124132552		1.19	1.00	19.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-62068/50 Calibration Date: 10/22/2012 04:34

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300050.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.15	2.10	2.20
PCB-1016 Peak 2	2.57	2.52	2.62
PCB-1016 Peak 3	3.05	3.00	3.10
PCB-1016 Peak 4	3.20	3.15	3.25
PCB-1016 Peak 5	3.86	3.80	3.90
PCB-1260 Peak 1	5.14	5.09	5.19
PCB-1260 Peak 2	5.39	5.34	5.44
PCB-1260 Peak 3	5.78	5.73	5.83
PCB-1260 Peak 4	6.51	6.46	6.56
PCB-1260 Peak 5	6.91	6.86	6.96

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300050.D
Lims ID: ICV 1660 Client ID:
Inject. Date: 22-Oct-2012 04:34:07 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014228-050
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 ul ALS Bottle#: 50
Lims Batch ID: 62068 Lims Sample ID: 50
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

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

First Level Reviewer: hassl Date: 22-Oct-2012 09:15:31

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									M
1	100	1.586	1.587	-0.001	38228313	0.9403		100.0	M
1	2	1.896	1.896	0.000	71723522	1.00	149.3- 199.3	187.6	
1	3	2.325	2.323	0.002	145252214	0.9358	350.2- 400.2	380.0	
1	4	2.454	2.453	0.001	68052214	1.06	130.7- 180.7	178.0	
1	5	2.866	2.867	-0.001	69850424	1.03	137.9- 187.9	182.7	
			Average of Peak Amounts =			0.99			
2	6	2.147	2.147	0.000	23415698	1.04		100.0	
2	7	2.571	2.571	0.000	48518836	1.03	176.5- 236.5	207.2	
2	8	3.053	3.054	-0.001	97238509	1.07	362.5- 422.5	415.3	
2	9	3.201	3.201	0.000	40441239	1.04	137.9- 197.9	172.7	
2	10	3.855	3.854	0.001	37216207	1.03	118.8- 178.8	158.9	
			Average of Peak Amounts =			1.04			
						RPD = 5.18			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.160	4.160	0.000	101972175	1.01		100.0	
1	2	4.469	4.469	0.000	201607884	1.00	175.1- 225.1	197.7	
1	3	4.768	4.767	0.001	191897453	0.9593	173.2- 223.2	188.2	
1	4	5.519	5.518	0.001	324736998	1.19	244.1- 294.1	318.5	
1	5	5.821	5.820	0.001	145454031	1.13	101.5- 151.5	142.6	
			Average of Peak Amounts =			1.06			
2	6	5.141	5.141	0.000	66548848	1.00		100.0	
2	7	5.388	5.389	-0.001	81523657	1.12	86.6- 146.6	122.5	
2	8	5.776	5.776	0.000	112380662	0.9619	142.9- 202.9	168.9	
2	9	6.510	6.509	0.001	177322502	1.25	179.5- 239.5	266.5	
2	10	6.911	6.910	0.001	124132552	1.19	121.8- 181.8	186.5	
			Average of Peak Amounts =			1.10			
						RPD = 4.17			

QC Flag Legend

Review Flags
M - Manually Integrated

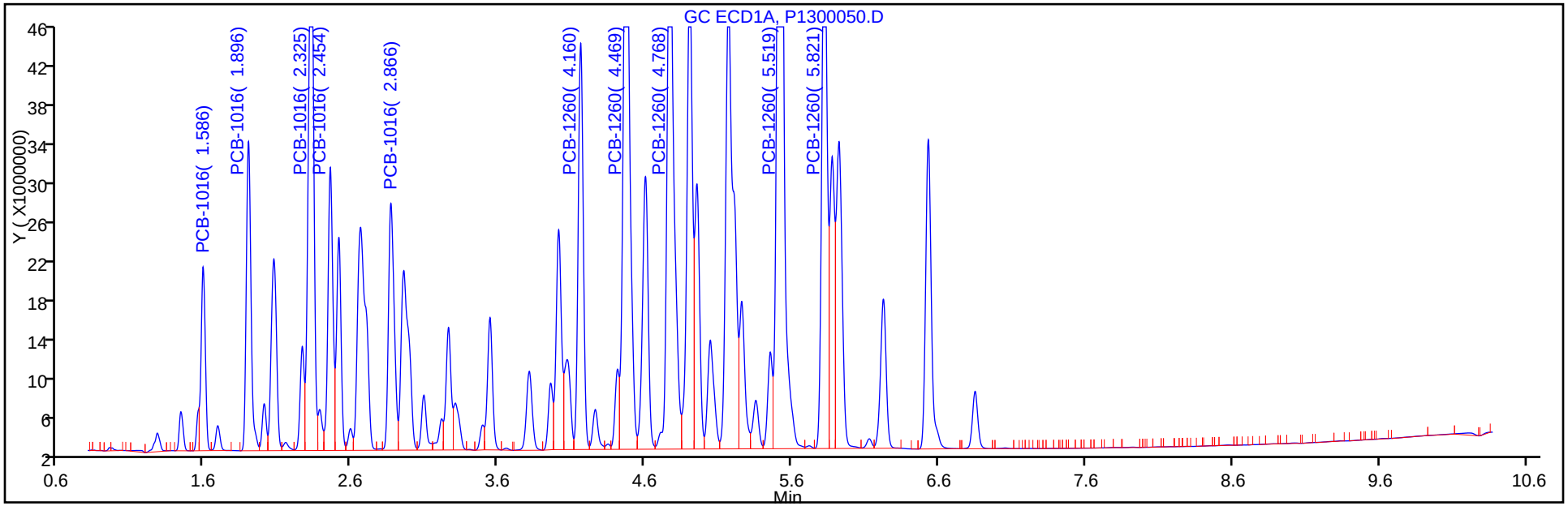
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TestAmerica Canton

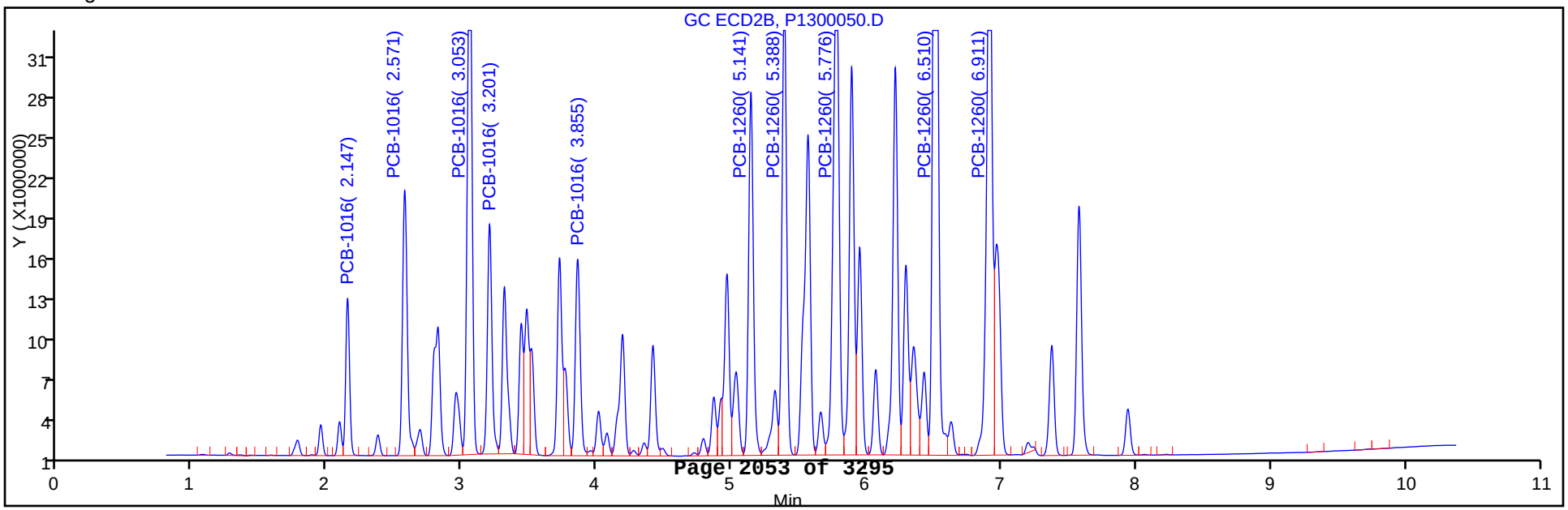
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Injection Date:	22-Oct-2012 04:34:07	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	62068	Lims Sample ID:	50
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

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

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	40655544	46480256		0.572	0.500	14.3	20.0
PCB-1016 Peak 2	Ave	71876982	81398854		0.566	0.500	13.2	20.0
PCB-1016 Peak 3	Ave	155218061	172466554		0.556	0.500	11.1	20.0
PCB-1016 Peak 4	Ave	64472512	75900446		0.589	0.500	17.7	20.0
PCB-1016 Peak 5	Ave	67849134	74278968		0.547	0.500	9.5	20.0
PCB-1260 Peak 1	Ave	101355640	115376168		0.569	0.500	13.8	20.0
PCB-1260 Peak 2	Ave	200632590	221687414		0.552	0.500	10.5	20.0
PCB-1260 Peak 3	Ave	200043209	222237572		0.555	0.500	11.1	20.0
PCB-1260 Peak 4	Ave	271809958	309151506		0.569	0.500	13.7	20.0
PCB-1260 Peak 5	Ave	129152153	133967910		0.519	0.500	3.7	20.0
Tetrachloro-m-xylene	Ave	2282867563	2634450200		0.0289	0.0250	15.4	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2520492200		0.0270	0.0250	8.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

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

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.89	1.84	1.94
PCB-1016 Peak 3	2.32	2.27	2.37
PCB-1016 Peak 4	2.45	2.40	2.50
PCB-1016 Peak 5	2.86	2.81	2.91
PCB-1260 Peak 1	4.15	4.10	4.20
PCB-1260 Peak 2	4.46	4.41	4.51
PCB-1260 Peak 3	4.76	4.71	4.81
PCB-1260 Peak 4	5.51	5.46	5.56
PCB-1260 Peak 5	5.81	5.76	5.86
Tetrachloro-m-xylene	1.29	1.24	1.34
DCB Decachlorobiphenyl	7.05	7.00	7.10

TestAmerica Canton
Target Compound Quantitation Report

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

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:15 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	65861255	0.0289			
2	2	1.640	1.640	0.000	42665058	0.0297			
						RPD = 2.87			
6 PCB-1016									
1	100	1.580	1.580	0.000	23240128	0.5716		100.0	
1	2	1.888	1.888	0.000	40699427	0.5662	149.3- 199.3	175.1	
1	3	2.315	2.315	0.000	86233277	0.5556	350.2- 400.2	371.1	
1	4	2.445	2.445	0.000	37950223	0.5886	130.7- 180.7	163.3	
1	5	2.858	2.858	0.000	37139484	0.5474	137.9- 187.9	159.8	
			Average of Peak Amounts =			0.5659			
2	6	2.134	2.134	0.000	13178892	0.5864		100.0	
2	7	2.556	2.556	0.000	26851463	0.5724	176.5- 236.5	203.7	
2	8	3.037	3.037	0.000	56270327	0.6193	362.5- 422.5	427.0	
2	9	3.185	3.185	0.000	23612673	0.6099	137.9- 197.9	179.2	
2	10	3.837	3.837	0.000	21395031	0.5932	118.8- 178.8	162.3	
			Average of Peak Amounts =			0.5962			
						RPD = 5.22			

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

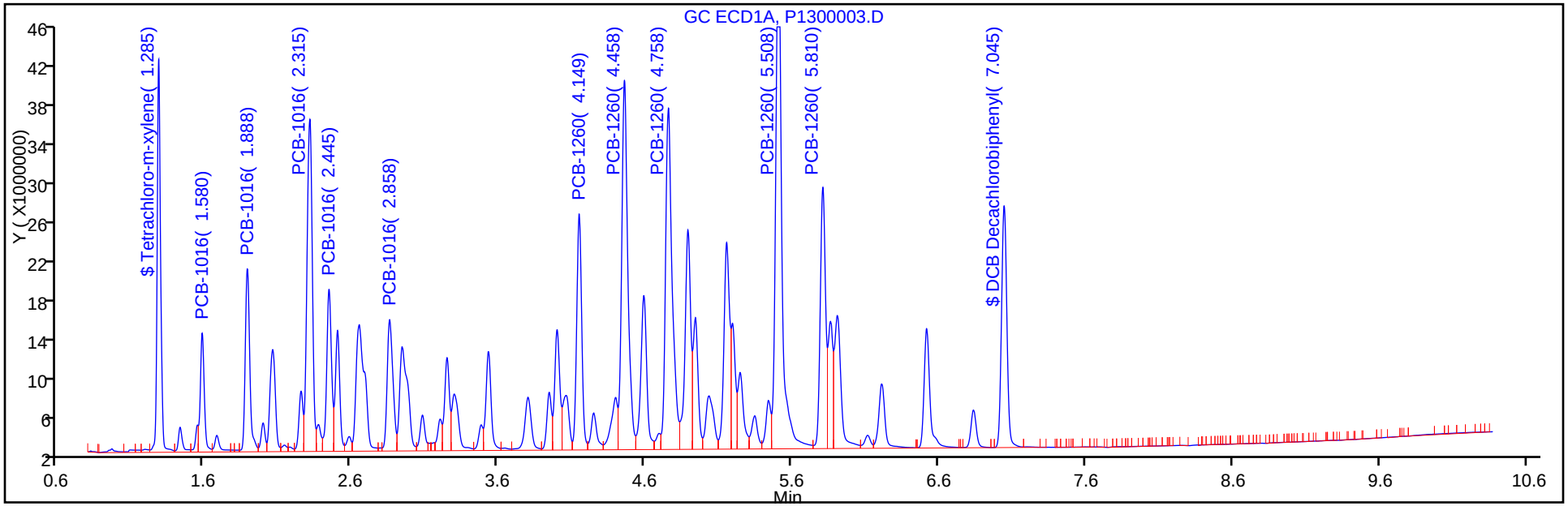
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TestAmerica Canton

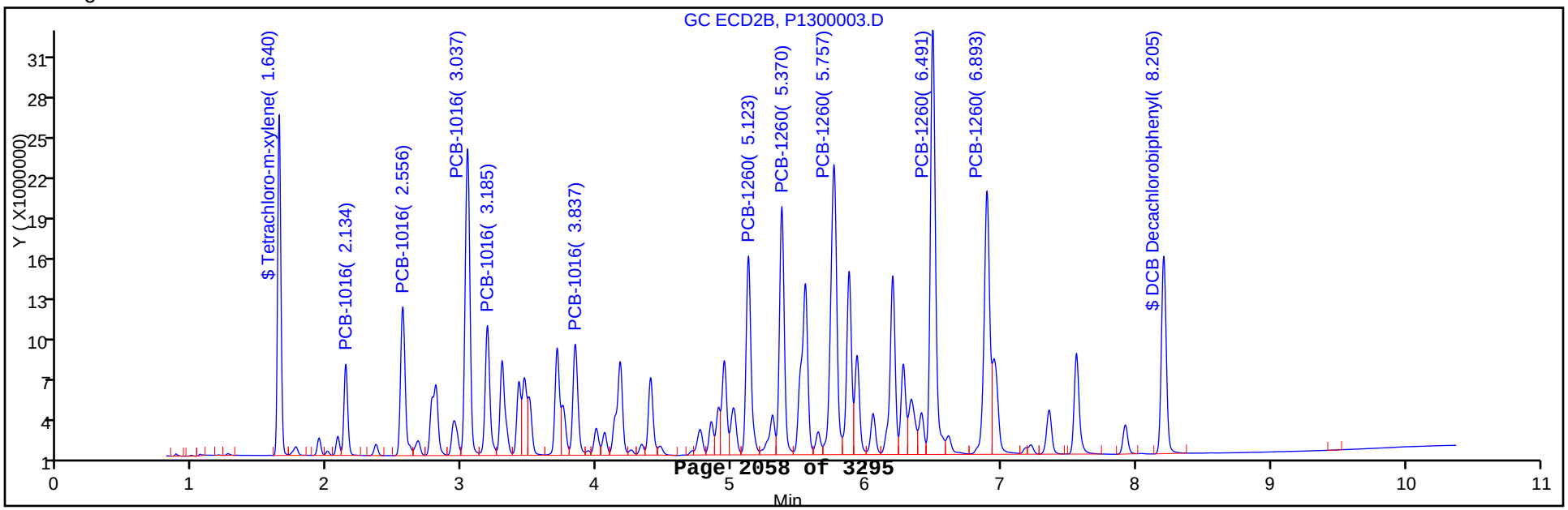
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Injection Date:	18-Dec-2012 08:26:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

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

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	22473505	26357784		0.586	0.500	17.3	20.0
PCB-1016 Peak 2	Ave	46910344	53702926		0.572	0.500	14.5	20.0
PCB-1016 Peak 3	Ave	90857261	112540654		0.619	0.500	23.9*	20.0
PCB-1016 Peak 4	Ave	38716589	47225346		0.610	0.500	22.0*	20.0
PCB-1016 Peak 5	Ave	36067525	42790062		0.593	0.500	18.6	20.0
PCB-1260 Peak 1	Ave	66648717	76143218		0.571	0.500	14.2	20.0
PCB-1260 Peak 2	Lin1		91545854		0.609	0.500	21.7*	20.0
PCB-1260 Peak 3	Ave	116834929	135531976		0.580	0.500	16.0	20.0
PCB-1260 Peak 4	Ave	142290611	168218820		0.591	0.500	18.2	20.0
PCB-1260 Peak 5	Ave	104134113	114348672		0.549	0.500	9.8	20.0
Tetrachloro-m-xylene	Ave	1437051097	1706602320		0.0297	0.0250	18.8	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1485332520		0.0276	0.0250	10.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

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

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300003.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.13	2.08	2.18
PCB-1016 Peak 2	2.56	2.51	2.61
PCB-1016 Peak 3	3.04	2.99	3.09
PCB-1016 Peak 4	3.19	3.14	3.24
PCB-1016 Peak 5	3.84	3.79	3.89
PCB-1260 Peak 1	5.12	5.07	5.17
PCB-1260 Peak 2	5.37	5.32	5.42
PCB-1260 Peak 3	5.76	5.71	5.81
PCB-1260 Peak 4	6.49	6.44	6.54
PCB-1260 Peak 5	6.89	6.84	6.94
Tetrachloro-m-xylene	1.64	1.59	1.69
DCB Decachlorobiphenyl	8.21	8.16	8.26

TestAmerica Canton
Target Compound Quantitation Report

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

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:15 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	65861255	0.0289			
2	2	1.640	1.640	0.000	42665058	0.0297			
						RPD = 2.87			
6 PCB-1016									
1	100	1.580	1.580	0.000	23240128	0.5716		100.0	
1	2	1.888	1.888	0.000	40699427	0.5662	149.3- 199.3	175.1	
1	3	2.315	2.315	0.000	86233277	0.5556	350.2- 400.2	371.1	
1	4	2.445	2.445	0.000	37950223	0.5886	130.7- 180.7	163.3	
1	5	2.858	2.858	0.000	37139484	0.5474	137.9- 187.9	159.8	
			Average of Peak Amounts =			0.5659			
2	6	2.134	2.134	0.000	13178892	0.5864		100.0	
2	7	2.556	2.556	0.000	26851463	0.5724	176.5- 236.5	203.7	
2	8	3.037	3.037	0.000	56270327	0.6193	362.5- 422.5	427.0	
2	9	3.185	3.185	0.000	23612673	0.6099	137.9- 197.9	179.2	
2	10	3.837	3.837	0.000	21395031	0.5932	118.8- 178.8	162.3	
			Average of Peak Amounts =			0.5962			
						RPD = 5.22			

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

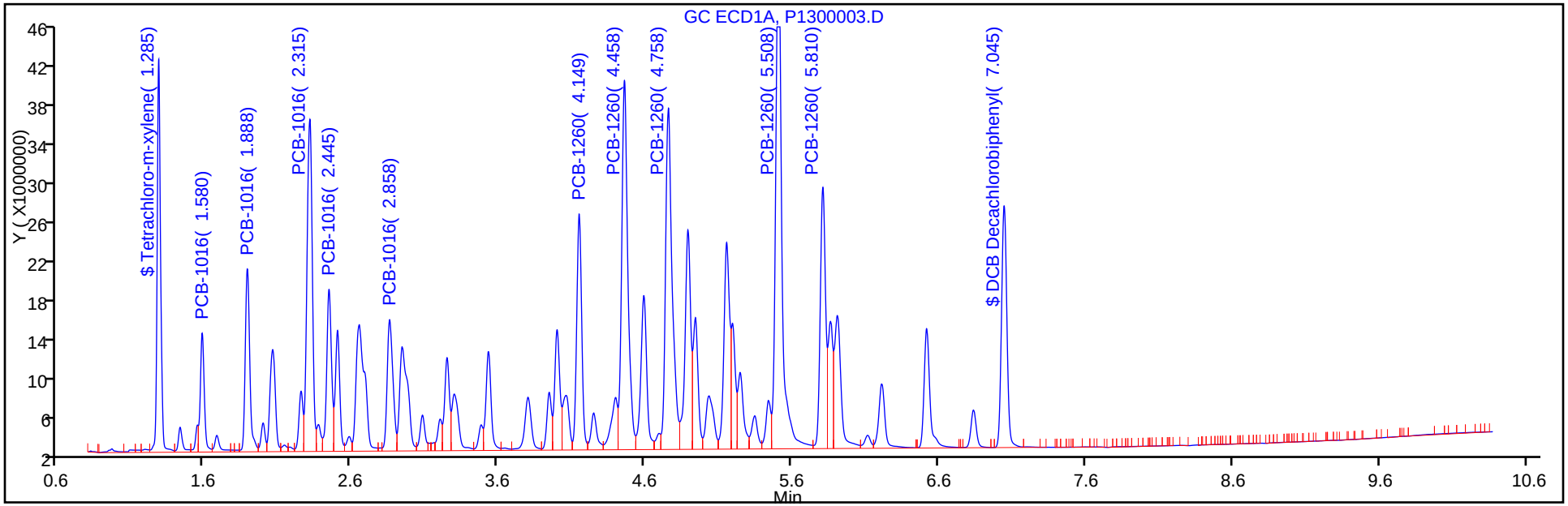
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TestAmerica Canton

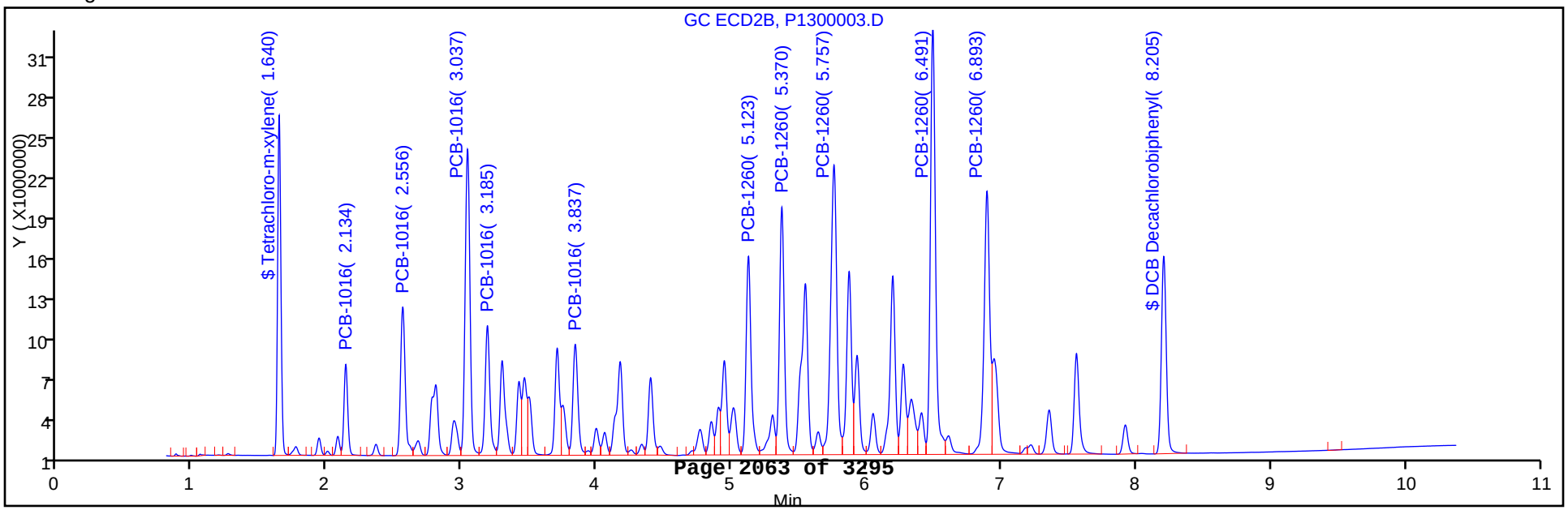
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Injection Date:	18-Dec-2012 08:26:36	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

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

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300010.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	40655544	43009302		0.529	0.500	5.8	20.0
PCB-1016 Peak 2	Ave	71876982	76445370		0.532	0.500	6.4	20.0
PCB-1016 Peak 3	Ave	155218061	165445690		0.533	0.500	6.6	20.0
PCB-1016 Peak 4	Ave	64472512	72175156		0.560	0.500	11.9	20.0
PCB-1016 Peak 5	Ave	67849134	69469150		0.512	0.500	2.4	20.0
PCB-1260 Peak 1	Ave	101355640	110652176		0.546	0.500	9.2	20.0
PCB-1260 Peak 2	Ave	200632590	215022780		0.536	0.500	7.2	20.0
PCB-1260 Peak 3	Ave	200043209	217029390		0.542	0.500	8.5	20.0
PCB-1260 Peak 4	Ave	271809958	304997816		0.561	0.500	12.2	20.0
PCB-1260 Peak 5	Ave	129152153	133718916		0.518	0.500	3.5	20.0
Tetrachloro-m-xylene	Ave	2282867563	2513795960		0.0275	0.0250	10.1	20.0
DCB Decachlorobiphenyl	Ave	2334659370	2536668640		0.0272	0.0250	8.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

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

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300010.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	1.58	1.53	1.63
PCB-1016 Peak 2	1.89	1.84	1.94
PCB-1016 Peak 3	2.31	2.26	2.36
PCB-1016 Peak 4	2.45	2.40	2.50
PCB-1016 Peak 5	2.86	2.81	2.91
PCB-1260 Peak 1	4.15	4.10	4.20
PCB-1260 Peak 2	4.46	4.41	4.51
PCB-1260 Peak 3	4.76	4.71	4.81
PCB-1260 Peak 4	5.51	5.46	5.56
PCB-1260 Peak 5	5.81	5.76	5.86
Tetrachloro-m-xylene	1.28	1.23	1.33
DCB Decachlorobiphenyl	7.05	7.00	7.10

TestAmerica Canton
Target Compound Quantitation Report

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

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:23 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

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

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

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

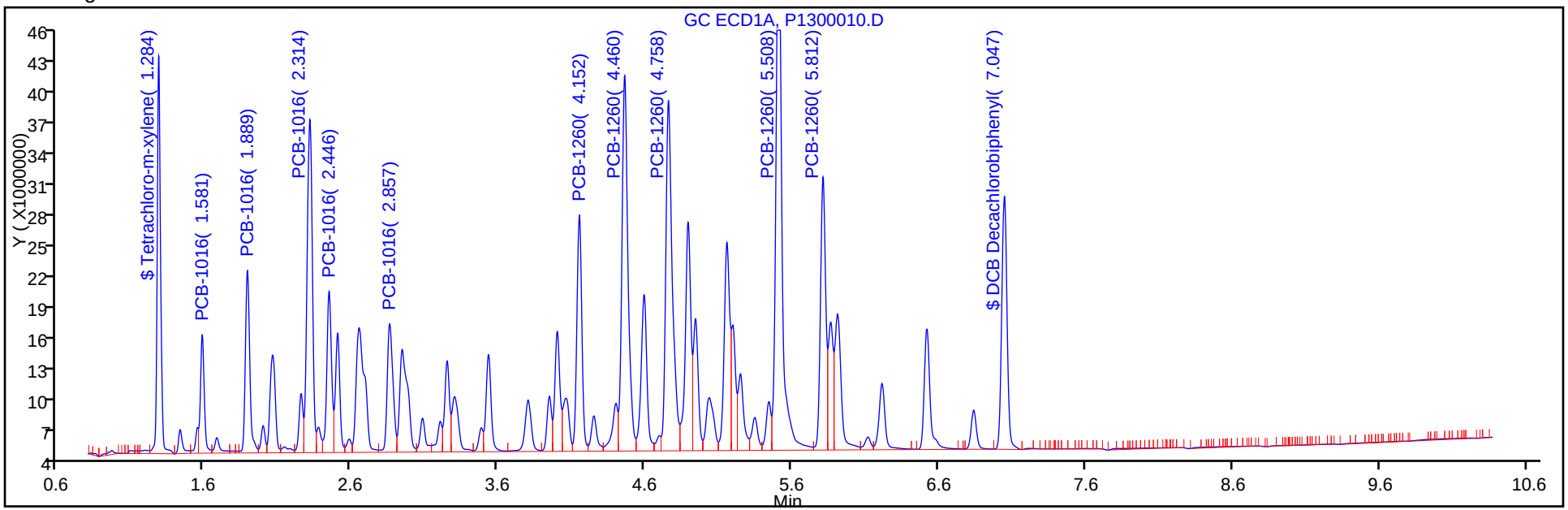
Report Date: 21-Dec-2012 09:49:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

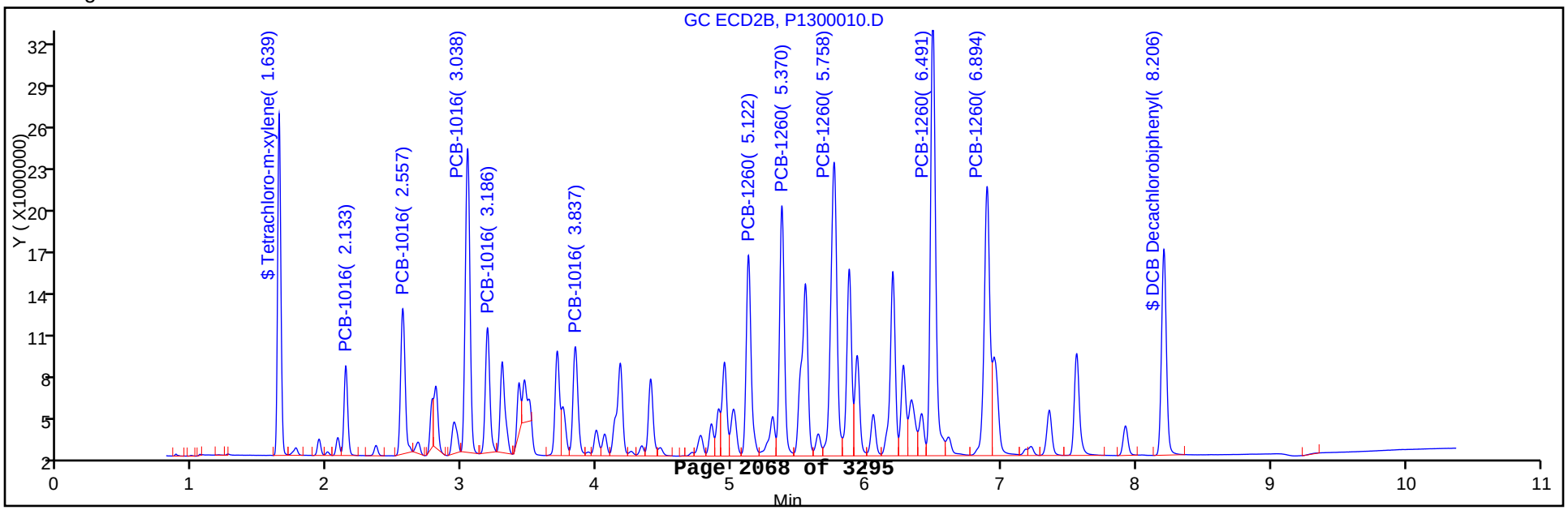
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300010.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

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

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300010.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	22473505	24758188		0.551	0.500	10.2	20.0
PCB-1016 Peak 2	Ave	46910344	48327754		0.515	0.500	3.0	20.0
PCB-1016 Peak 3	Ave	90857261	104805220		0.577	0.500	15.4	20.0
PCB-1016 Peak 4	Ave	38716589	41624178		0.538	0.500	7.5	20.0
PCB-1016 Peak 5	Ave	36067525	40539422		0.562	0.500	12.4	20.0
PCB-1260 Peak 1	Ave	66648717	74079896		0.556	0.500	11.1	20.0
PCB-1260 Peak 2	Lin1		89723004		0.596	0.500	19.1	20.0
PCB-1260 Peak 3	Ave	116834929	133791478		0.573	0.500	14.5	20.0
PCB-1260 Peak 4	Ave	142290611	168596346		0.592	0.500	18.5	20.0
PCB-1260 Peak 5	Ave	104134113	114450352		0.550	0.500	9.9	20.0
Tetrachloro-m-xylene	Ave	1437051097	1640227080		0.0285	0.0250	14.1	20.0
DCB Decachlorobiphenyl	Ave	1346914135	1497169320		0.0278	0.0250	11.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

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

Instrument ID: A2HP13 Calib Start Date: 10/21/2012 22:51

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 10/22/2012 00:05

Lab File ID: P1300010.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.13	2.08	2.18
PCB-1016 Peak 2	2.56	2.51	2.61
PCB-1016 Peak 3	3.04	2.99	3.09
PCB-1016 Peak 4	3.19	3.14	3.24
PCB-1016 Peak 5	3.84	3.79	3.89
PCB-1260 Peak 1	5.12	5.07	5.17
PCB-1260 Peak 2	5.37	5.32	5.42
PCB-1260 Peak 3	5.76	5.71	5.81
PCB-1260 Peak 4	6.49	6.44	6.54
PCB-1260 Peak 5	6.89	6.84	6.94
Tetrachloro-m-xylene	1.64	1.59	1.69
DCB Decachlorobiphenyl	8.21	8.16	8.26

TestAmerica Canton
Target Compound Quantitation Report

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

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:23 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

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

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

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

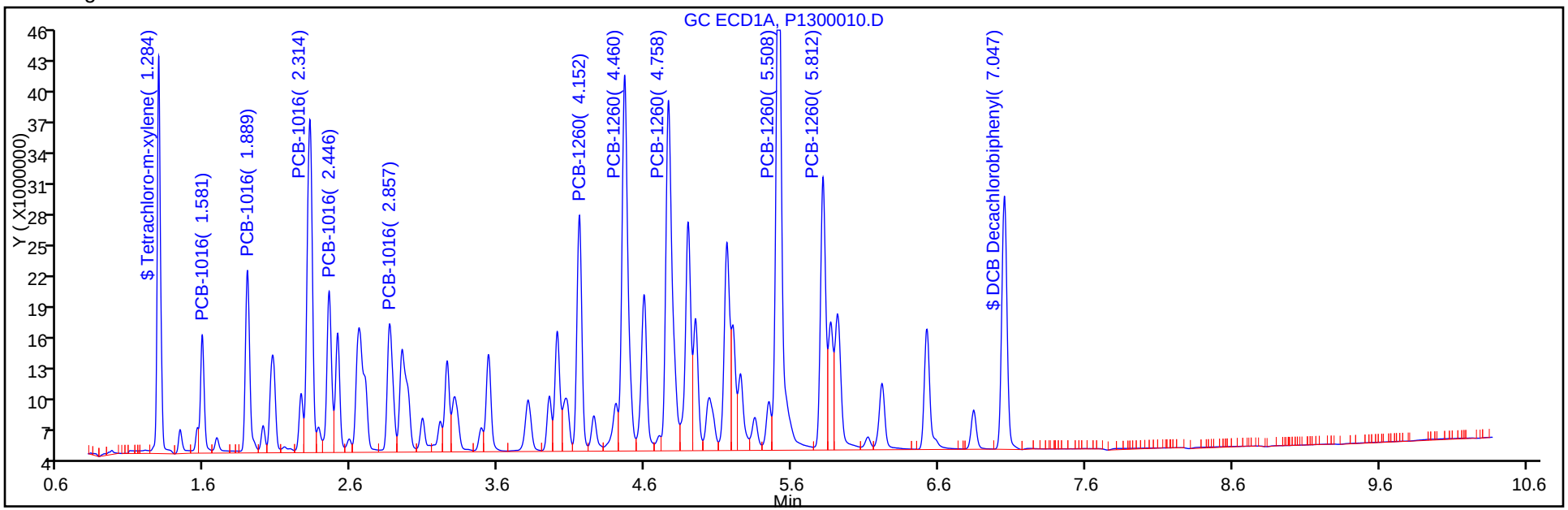
Report Date: 21-Dec-2012 09:49:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

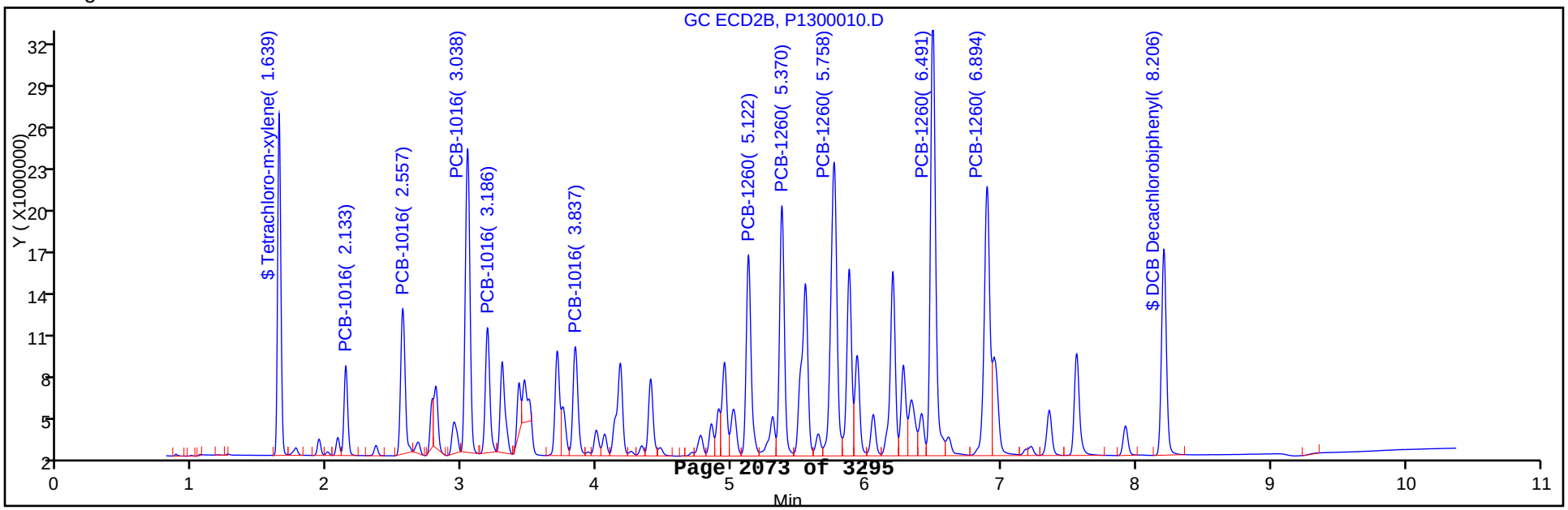
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Injection Date:	18-Dec-2012 10:11:17	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

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

Matrix: Water Lab File ID: P1300008.D

Analysis Method: 8082/DOD Date Collected:

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

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

Con. Extract Vol.: 5(mL) Dilution Factor: 1

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

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

Analysis Batch No.: 69119 Units: ug/L

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

TestAmerica Canton
Target Compound Quantitation Report

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

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:15
Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK005

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	71525643	0.0313			
2	2	1.639	1.640	-0.001	51023319	0.0355			
						RPD = 12.49			
3 PCB-1221									1
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.580						
1	2		1.888						
1	3		2.315						
1	4		2.445						
1	5		2.858						
2	6		2.134						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.837						
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
7 PCB-1248									
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.149						
1	2		4.458						
1	3		4.758						
1	4		5.508						
1	5		5.810						
2	6		5.123						
2	7		5.370						
2	8		5.757						
2	9		6.491						
2	10		6.893						
9 PCB-1262									1
1	100		4.460						
1	2		4.892						
1	3		5.156						
1	4		5.509						
1	5		5.909						
2	6		5.370						
2	7		5.870						
2	8		6.194						
2	9		6.491						
2	10		6.891						
11 PCB-1268									1
1	100		5.867						
1	2		5.904						
1	3		6.118						
1	4		6.519						
1	5		6.839						
2	6		6.891						
2	7		6.941						
2	8		7.220						
2	9		7.558						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.046	7.045	0.001	68204421	0.0292			
2	2	8.204	8.205	-0.001	40993819	0.0304			
						RPD = 4.10			

QC Flag Legend

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

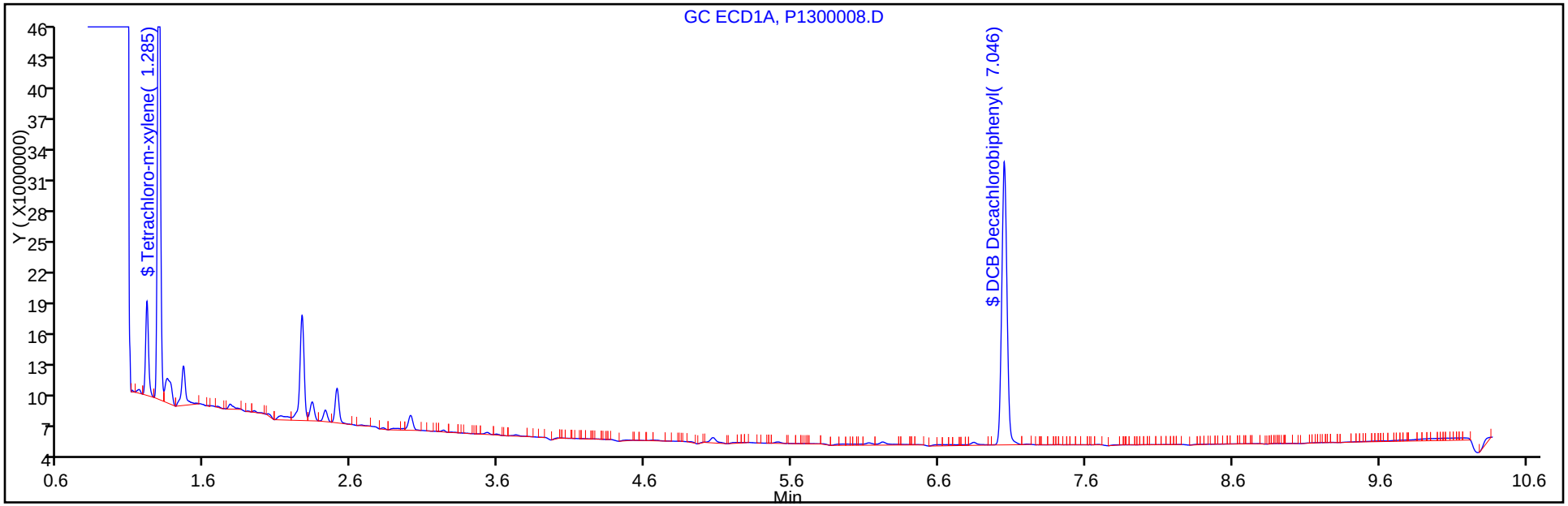
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TestAmerica Canton

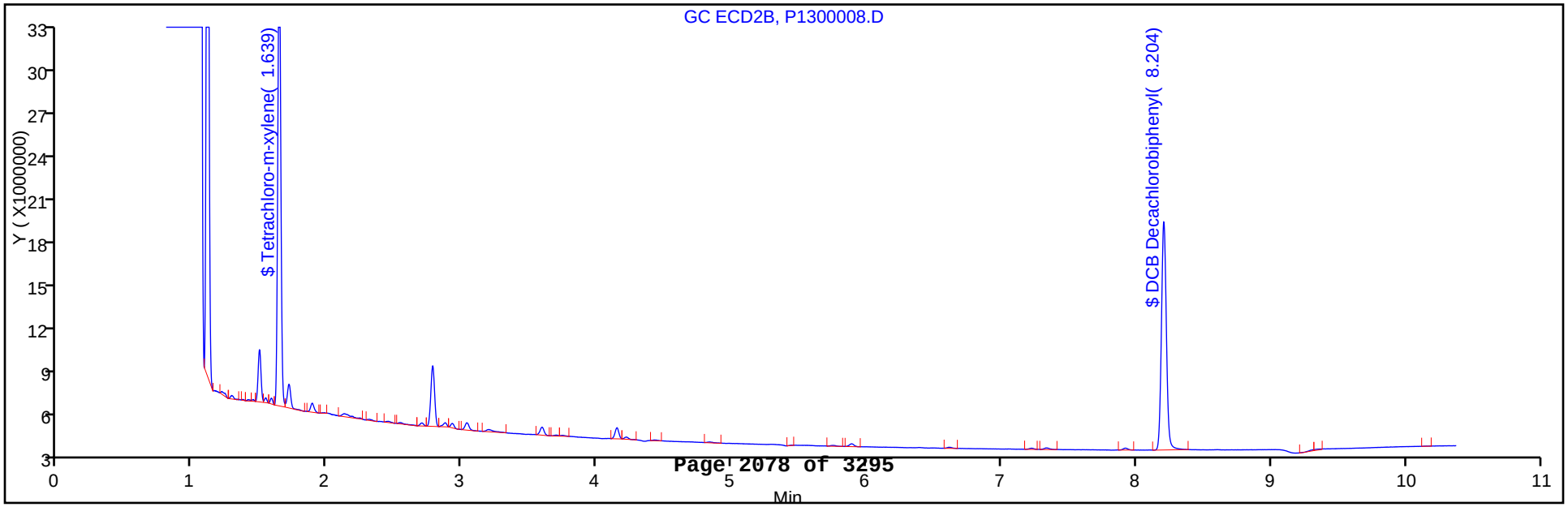
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Injection Date:	18-Dec-2012 09:41:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

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

Matrix: Water | Lab File ID: P1300008.D

Analysis Method: 8082/DOD | Date Collected:

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

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

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 69119 | Units: ug/L

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

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

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300008.D		
Lims ID:	MB 240-68553/4-A	Client ID:	
Inject. Date:	18-Dec-2012 09:41:18	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0015947-008		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	8
Lims Batch ID:	69119	Lims Sample ID:	8
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m		
Last Update:	21-Dec-2012 09:49:15	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

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

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.285	1.285	0.000	71525643	0.0313			
2	2	1.639	1.640	-0.001	51023319	0.0355			
						RPD = 12.49			
3 PCB-1221									1
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100		1.580						
1	2		1.888						
1	3		2.315						
1	4		2.445						
1	5		2.858						
2	6		2.134						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.837						
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
7 PCB-1248									
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									1
1	100		4.149						
1	2		4.458						
1	3		4.758						
1	4		5.508						
1	5		5.810						
2	6		5.123						
2	7		5.370						
2	8		5.757						
2	9		6.491						
2	10		6.893						
9 PCB-1262									1
1	100		4.460						
1	2		4.892						
1	3		5.156						
1	4		5.509						
1	5		5.909						
2	6		5.370						
2	7		5.870						
2	8		6.194						
2	9		6.491						
2	10		6.891						
11 PCB-1268									1
1	100		5.867						
1	2		5.904						
1	3		6.118						
1	4		6.519						
1	5		6.839						
2	6		6.891						
2	7		6.941						
2	8		7.220						
2	9		7.558						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.046	7.045	0.001	68204421	0.0292			
2	2	8.204	8.205	-0.001	40993819	0.0304			
						RPD = 4.10			

QC Flag Legend

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

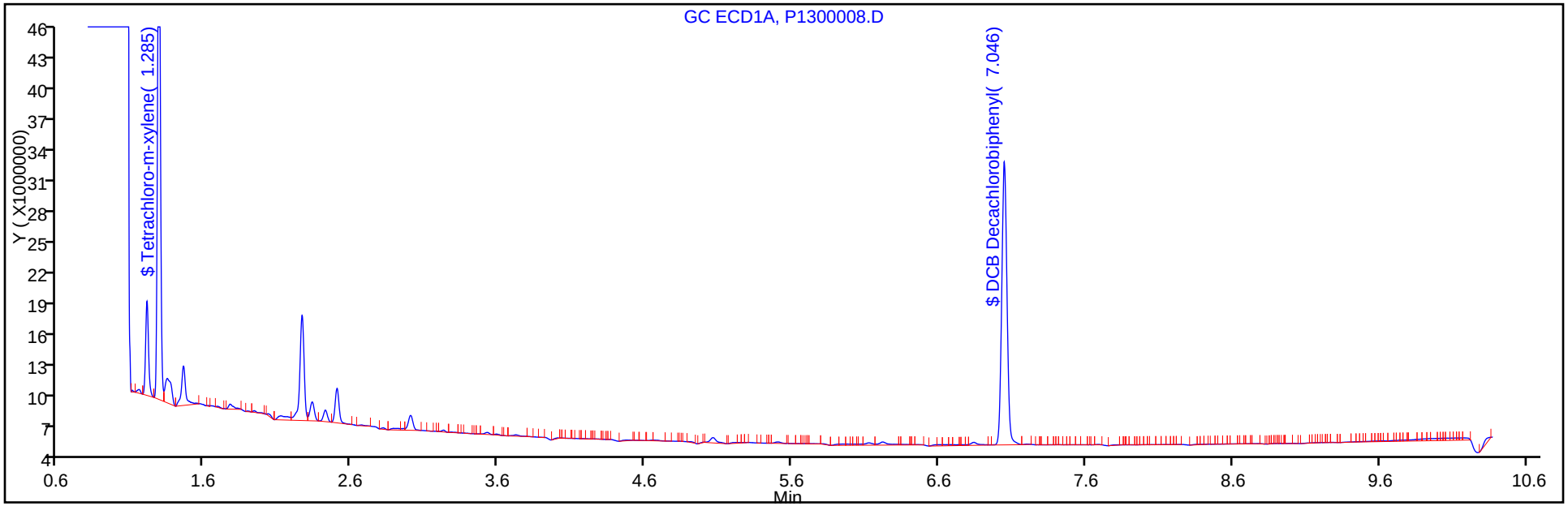
Report Date: 21-Dec-2012 09:49:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

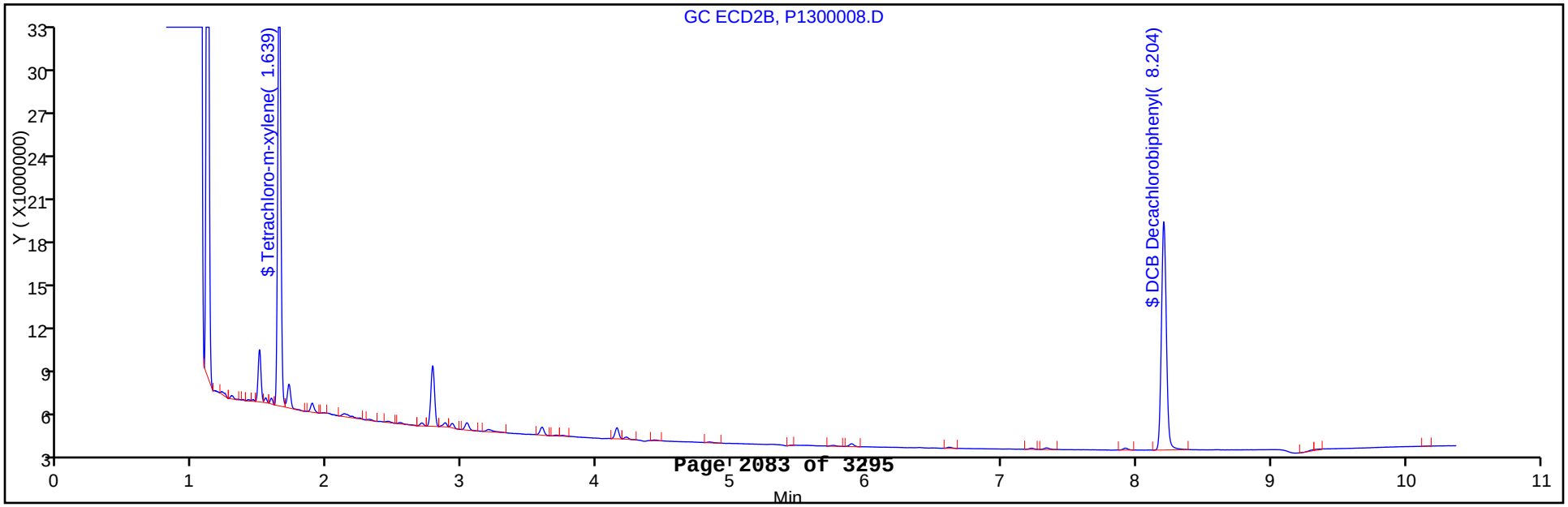
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300008.D

Injection Date:	18-Dec-2012 09:41:18	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

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

Matrix: Water | Lab File ID: P1300009.D

Analysis Method: 8082/DOD | Date Collected:

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

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

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 69119 | Units: ug/L

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

TestAmerica Canton
Target Compound Quantitation Report

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

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:15 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

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

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

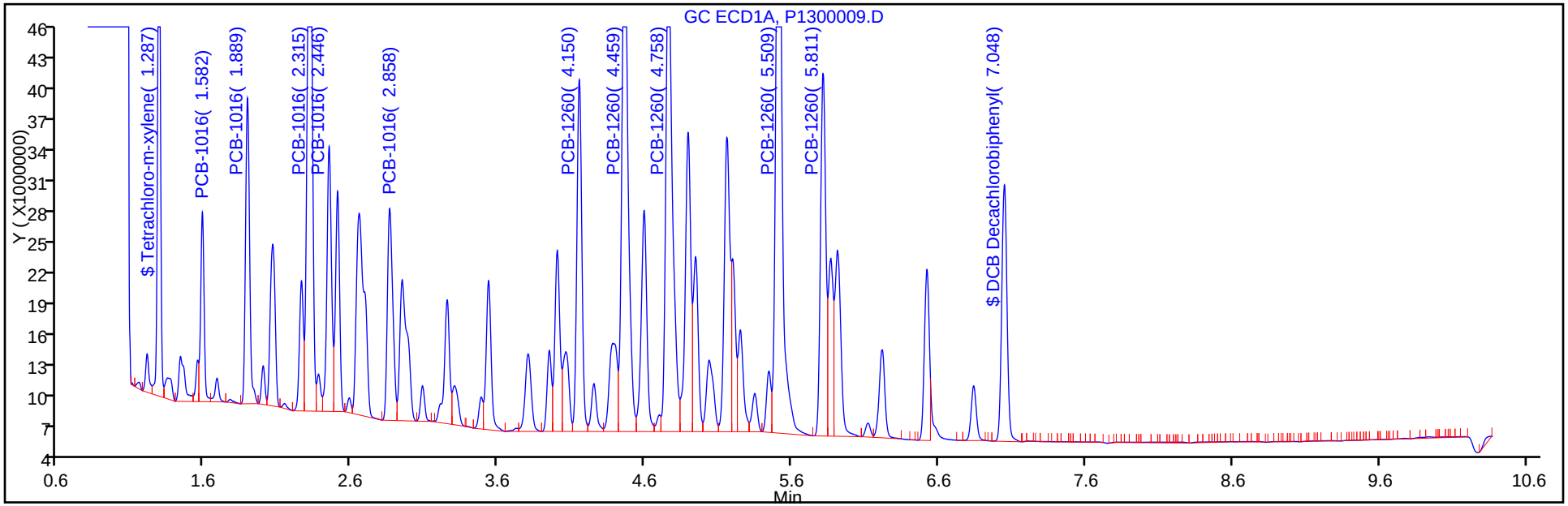
Report Date: 21-Dec-2012 09:49:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

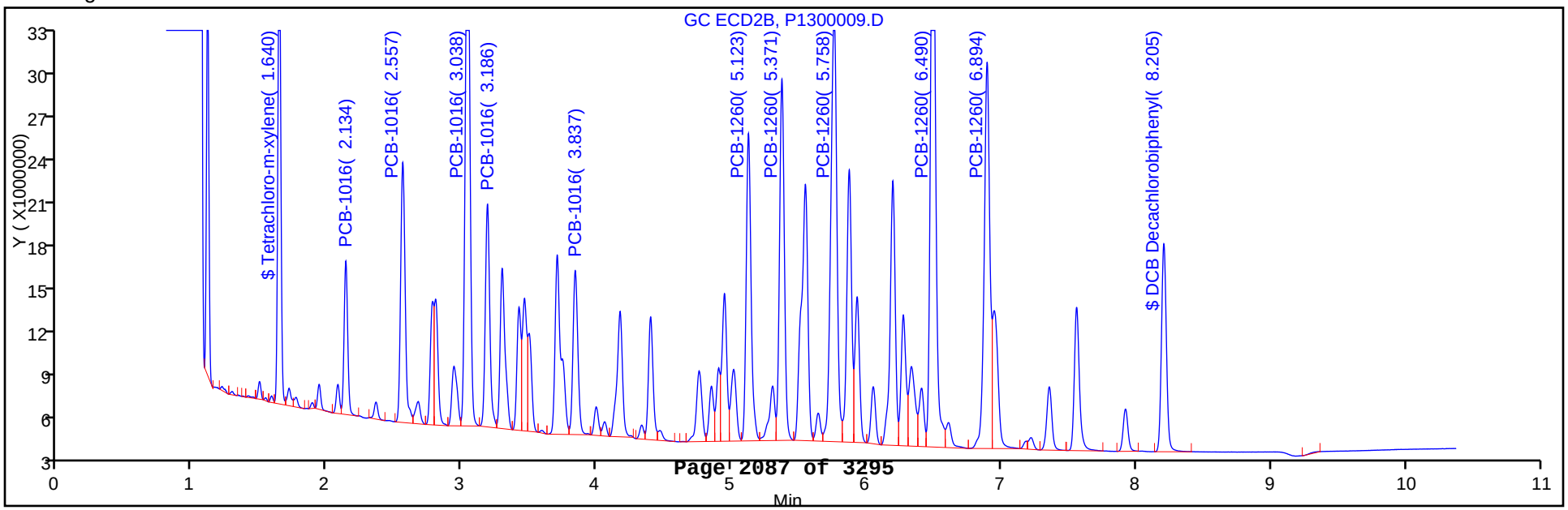
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300009.D

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

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

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

Matrix: Water | Lab File ID: P1300009.D

Analysis Method: 8082/DOD | Date Collected:

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

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

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

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

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

Analysis Batch No.: 69119 | Units: ug/L

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

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

TestAmerica Canton
Target Compound Quantitation Report

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

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:15 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

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

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

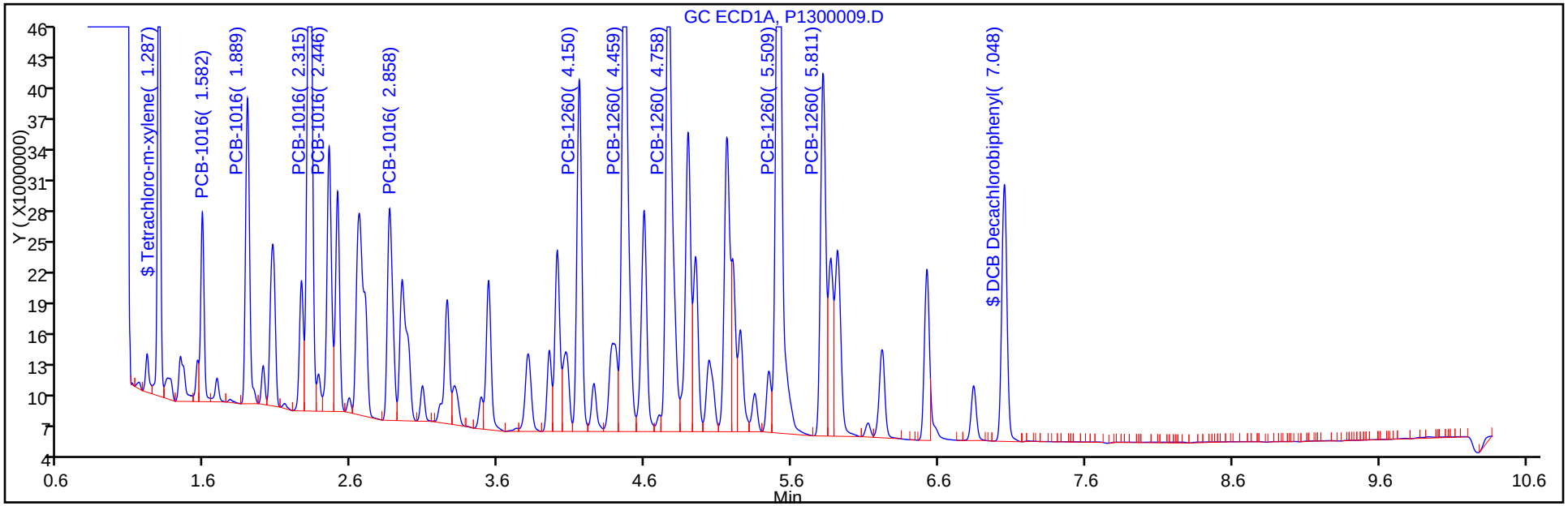
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TestAmerica Canton

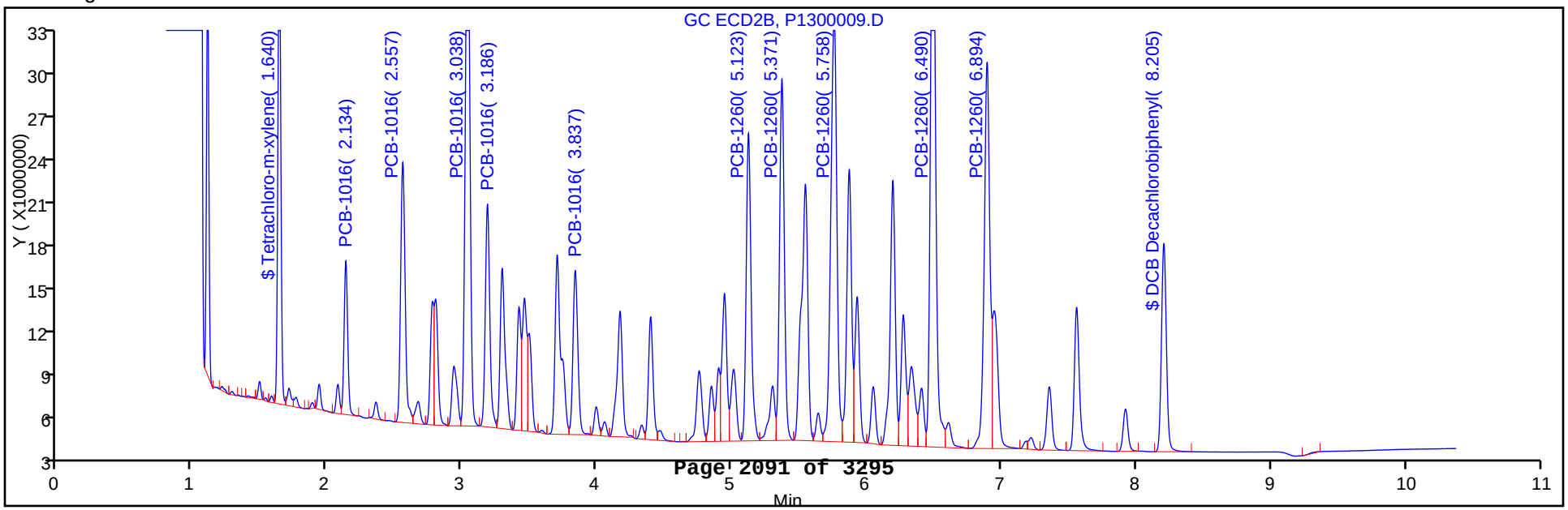
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300009.D

Injection Date:	18-Dec-2012 09:56:15	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69119/4

Matrix: Water | Lab File ID: P1300004.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/18/2012 08:41

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69119 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0579*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0514*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	132		50-150
2051-24-3	DCB Decachlorobiphenyl	99		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300004.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 08:41:31 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015947-004
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 69119 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:15 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 09:15:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.285	-0.001	7523243	0.003296			
2	2	1.639	1.640	-0.001	4168663	0.002901			
						RPD = 12.74			
3 PCB-1221									
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100	1.581	1.580	0.001	2385071	0.0587		100.0	
1	2	1.888	1.888	0.000	4451524	0.0619	149.3- 199.3	186.6	
1	3	2.315	2.315	0.000	8956915	0.0577	350.2- 400.2	375.5	
1	4	2.446	2.445	0.001	3772703	0.0585	130.7- 180.7	158.2	
1	5	2.858	2.858	0.000	3572361	0.0527	137.9- 187.9	149.8	
			Average of Peak Amounts =			0.0579			
2	6	2.133	2.134	-0.001	1435592	0.0639		100.0	
2	7	2.556	2.556	0.000	2915697	0.0622	176.5- 236.5	203.1	
2	8	3.037	3.037	0.000	5645164	0.0621	362.5- 422.5	393.2	
2	9	3.185	3.185	0.000	2785982	0.0720	137.9- 197.9	194.1	
2	10	3.838	3.837	0.001	1974919	0.0548	118.8- 178.8	137.6	
			Average of Peak Amounts =			0.0630			
						RPD = 8.41			
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
7 PCB-1248									
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.151	4.149	0.002	5680556	0.0560		100.0	
1	2	4.458	4.458	0.000	10710107	0.0534	175.1- 225.1	188.5	
1	3	4.758	4.758	0.000	10339139	0.0517	173.2- 223.2	182.0	
1	4	5.507	5.508	-0.001	13631085	0.0501	244.1- 294.1	240.0	
1	5	5.812	5.810	0.002	5912870	0.0458	101.5- 151.5	104.1	
			Average of Peak Amounts =			0.0514			
2	6	5.123	5.123	0.000	3782878	0.0568		100.0	
2	7	5.370	5.370	0.000	4618238	0.0222	86.6- 146.6	122.1	
2	8	5.758	5.757	0.001	6269563	0.0537	142.9- 202.9	165.7	
2	9	6.490	6.491	-0.001	7252059	0.0510	179.5- 239.5	191.7	
2	10	6.892	6.893	-0.001	3792872	0.0364	121.8- 181.8	100.3	
			Average of Peak Amounts =			0.0440			
						RPD = 15.53			
9 PCB-1262									
1	100		4.460						
1	2		4.892						
1	3		5.156						
1	4		5.509						
1	5		5.909						
2	6		5.370						
2	7		5.870						
2	8		6.194						
2	9		6.491						
2	10		6.891						
11 PCB-1268									
1	100		5.867						
1	2		5.904						
1	3		6.118						
1	4		6.519						
1	5		6.839						
2	6		6.891						
2	7		6.941						
2	8		7.220						
2	9		7.558						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.046	7.045	0.001	5784084	0.002477			
2	2	8.204	8.205	-0.001	3194975	0.002372			
						RPD = 4.35			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

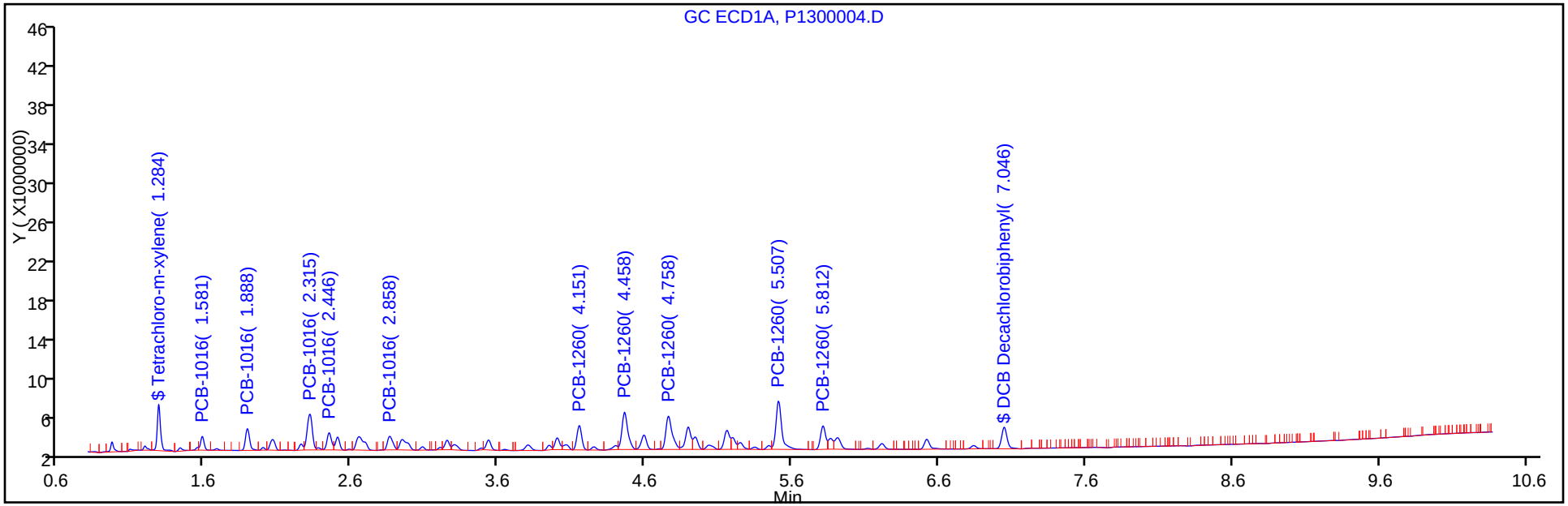
Report Date: 21-Dec-2012 09:49:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

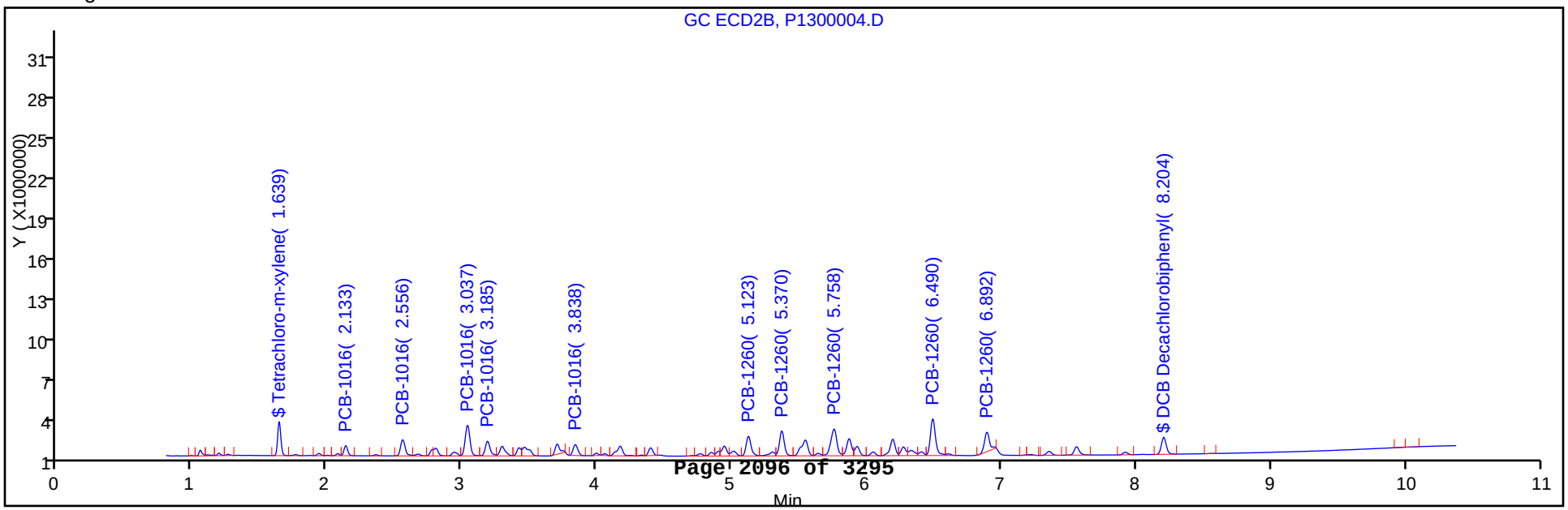
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300004.D

Injection Date:	18-Dec-2012 08:41:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69119/4

Matrix: Water | Lab File ID: P1300004.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/18/2012 08:41

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69119 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0630		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0440	J	0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	116		50-150
2051-24-3	DCB Decachlorobiphenyl	95		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300004.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 08:41:31 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015947-004
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 4
Lims Batch ID: 69119 Lims Sample ID: 4
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:15 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 09:15:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.285	-0.001	7523243	0.003296			
2	2	1.639	1.640	-0.001	4168663	0.002901			
						RPD = 12.74			
3 PCB-1221									
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
6 PCB-1016									
1	100	1.581	1.580	0.001	2385071	0.0587		100.0	
1	2	1.888	1.888	0.000	4451524	0.0619	149.3- 199.3	186.6	
1	3	2.315	2.315	0.000	8956915	0.0577	350.2- 400.2	375.5	
1	4	2.446	2.445	0.001	3772703	0.0585	130.7- 180.7	158.2	
1	5	2.858	2.858	0.000	3572361	0.0527	137.9- 187.9	149.8	
			Average of Peak Amounts =			0.0579			
2	6	2.133	2.134	-0.001	1435592	0.0639		100.0	
2	7	2.556	2.556	0.000	2915697	0.0622	176.5- 236.5	203.1	
2	8	3.037	3.037	0.000	5645164	0.0621	362.5- 422.5	393.2	
2	9	3.185	3.185	0.000	2785982	0.0720	137.9- 197.9	194.1	
2	10	3.838	3.837	0.001	1974919	0.0548	118.8- 178.8	137.6	
			Average of Peak Amounts =			0.0630			
						RPD = 8.41			
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
7 PCB-1248									
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.151	4.149	0.002	5680556	0.0560		100.0	
1	2	4.458	4.458	0.000	10710107	0.0534	175.1- 225.1	188.5	
1	3	4.758	4.758	0.000	10339139	0.0517	173.2- 223.2	182.0	
1	4	5.507	5.508	-0.001	13631085	0.0501	244.1- 294.1	240.0	
1	5	5.812	5.810	0.002	5912870	0.0458	101.5- 151.5	104.1	
			Average of Peak Amounts =			0.0514			
2	6	5.123	5.123	0.000	3782878	0.0568		100.0	
2	7	5.370	5.370	0.000	4618238	0.0222	86.6- 146.6	122.1	
2	8	5.758	5.757	0.001	6269563	0.0537	142.9- 202.9	165.7	
2	9	6.490	6.491	-0.001	7252059	0.0510	179.5- 239.5	191.7	
2	10	6.892	6.893	-0.001	3792872	0.0364	121.8- 181.8	100.3	
			Average of Peak Amounts =			0.0440			
						RPD = 15.53			
9 PCB-1262									
1	100		4.460						
1	2		4.892						
1	3		5.156						
1	4		5.509						
1	5		5.909						
2	6		5.370						
2	7		5.870						
2	8		6.194						
2	9		6.491						
2	10		6.891						
11 PCB-1268									
1	100		5.867						
1	2		5.904						
1	3		6.118						
1	4		6.519						
1	5		6.839						
2	6		6.891						
2	7		6.941						
2	8		7.220						
2	9		7.558						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.046	7.045	0.001	5784084	0.002477			
2	2	8.204	8.205	-0.001	3194975	0.002372			
						RPD = 4.35			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

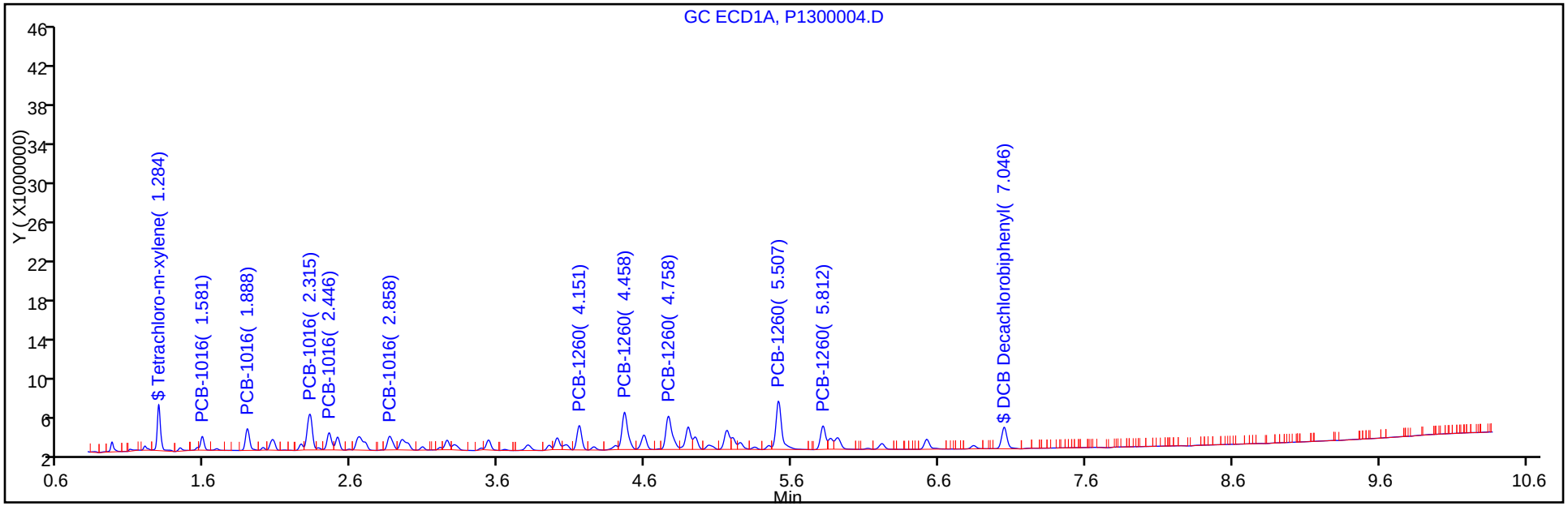
Report Date: 21-Dec-2012 09:49:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

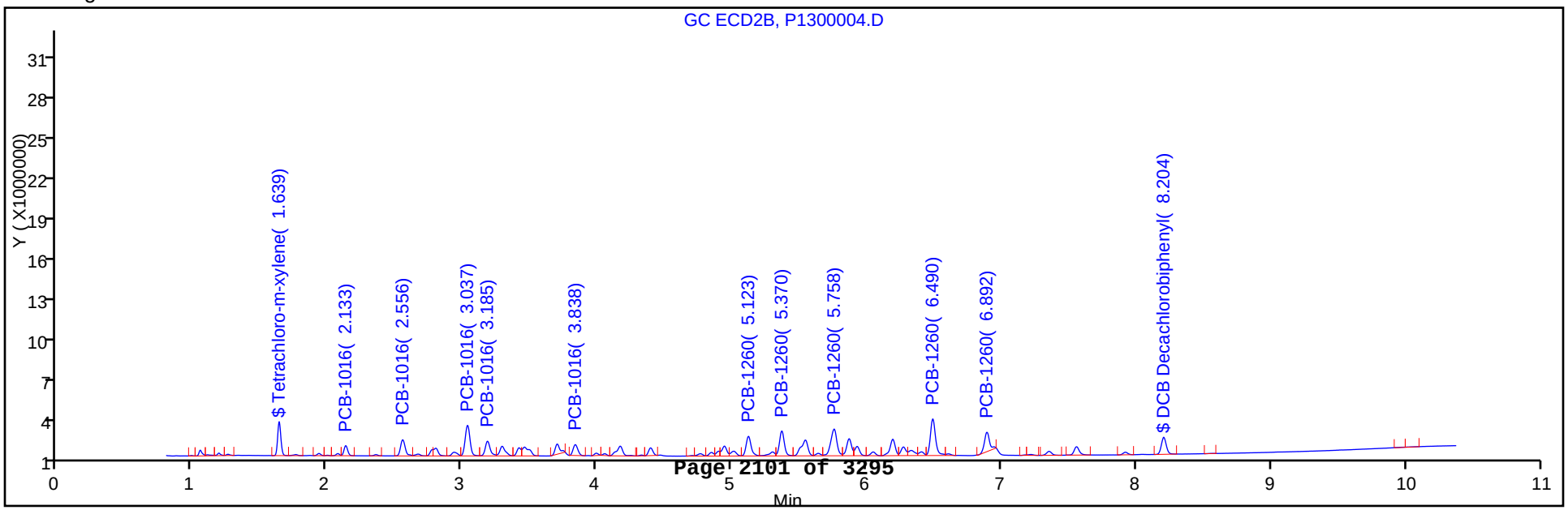
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300004.D

Injection Date:	18-Dec-2012 08:41:31	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-69119/11

Matrix: Water | Lab File ID: P1300011.D

Analysis Method: 8082/DOD | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/18/2012 10:26

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69119 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	*Aroclor-1221*	*0.00020*	*U*	*0.050*	0.00020	*0.013*
12674-11-2	*Aroclor-1016*	*0.0565*		*0.050*	0.00020	*0.017*
11141-16-5	*Aroclor-1232*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
53469-21-9	*Aroclor-1242*	*0.00040*	*U*	*0.050*	0.00040	*0.022*
12672-29-6	*Aroclor-1248*	*0.00020*	*U*	*0.050*	0.00020	*0.010*
11097-69-1	*Aroclor-1254*	*0.00020*	*U*	*0.050*	0.00020	*0.016*
11096-82-5	*Aroclor-1260*	*0.0504*		*0.050*	0.00020	*0.017*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	146	*Q*	50-150
2051-24-3	DCB Decachlorobiphenyl	106		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300011.D
Lims ID: MRL Client ID:
Inject. Date: 18-Dec-2012 10:26:14 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015947-011
Misc. Info.:
Operator: Instrument ID: A2HP13
Injection Vol: 1.0 uL ALS Bottle#: 11
Lims Batch ID: 69119 Lims Sample ID: 11
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m
Last Update: 21-Dec-2012 09:49:23 Calib Date: 22-Oct-2012 03:04:38
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D
Limit Group: GC 8082A ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: hassl Date: 21-Dec-2012 09:16:37

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	8337422	0.003652			
2	2	1.639	1.639	0.000	4010810	0.002791			
						RPD = 26.73			
3 PCB-1221									
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
6 PCB-1016									
1	100	1.580	1.581	-0.001	2652730	0.0652		100.0	
1	2	1.888	1.889	-0.001	4111547	0.0572	149.3- 199.3	155.0	
1	3	2.314	2.314	0.000	8720684	0.0562	350.2- 400.2	328.7	
1	4	2.445	2.446	-0.001	3630755	0.0563	130.7- 180.7	136.9	
1	5	2.859	2.857	0.002	3238542	0.0477	137.9- 187.9	122.1	
			Average of Peak Amounts =			0.0565			
2	6	2.133	2.133	0.000	1295398	0.0576		100.0	
2	7	2.556	2.557	-0.001	2571257	0.0548	176.5- 236.5	198.5	
2	8	3.037	3.038	-0.001	5235521	0.0576	362.5- 422.5	404.2	
2	9	3.185	3.186	-0.001	2448356	0.0632	137.9- 197.9	189.0	
2	10	3.835	3.837	-0.002	1805746	0.0501	118.8- 178.8	139.4	
			Average of Peak Amounts =			0.0567			
						RPD = 0.25			
7 PCB-1248									
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.152	-0.002	5365313	0.0529		100.0	
1	2	4.459	4.460	-0.001	10267058	0.0512	175.1- 225.1	191.4	
1	3	4.759	4.758	0.001	10024003	0.0501	173.2- 223.2	186.8	
1	4	5.509	5.508	0.001	13825635	0.0509	244.1- 294.1	257.7	
1	5	5.811	5.812	-0.001	6071485	0.0470	101.5- 151.5	113.2	
			Average of Peak Amounts =			0.0504			
2	6	5.123	5.122	0.001	3611688	0.0542		100.0	
2	7	5.370	5.370	0.000	4285537	0.0174	86.6- 146.6	118.7	
2	8	5.757	5.758	-0.001	6247528	0.0535	142.9- 202.9	173.0	
2	9	6.490	6.491	-0.001	7535640	0.0530	179.5- 239.5	208.6	
2	10	6.894	6.894	0.000	5249044	0.0504	121.8- 181.8	145.3	
			Average of Peak Amounts =			0.0457			
						RPD = 9.83			
9 PCB-1262									
1	100		4.460						
1	2		4.892						
1	3		5.156						
1	4		5.509						
1	5		5.909						
2	6		5.370						
2	7		5.870						
2	8		6.194						
2	9		6.491						
2	10		6.891						
11 PCB-1268									
1	100		5.867						
1	2		5.904						
1	3		6.118						
1	4		6.519						
1	5		6.839						
2	6		6.891						
2	7		6.941						
2	8		7.220						
2	9		7.558						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.047	7.047	0.000	6169287	0.002642			
2	2	8.205	8.206	-0.001	3392232	0.002519			
						RPD = 4.80			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

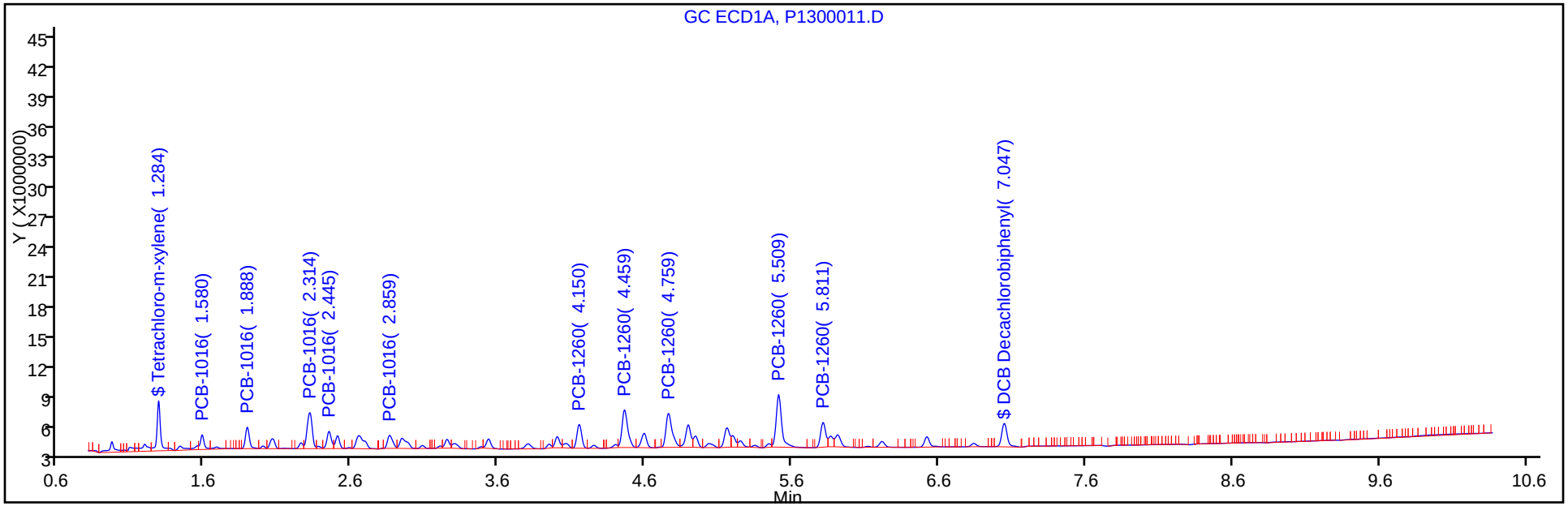
Report Date: 21-Dec-2012 09:49:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

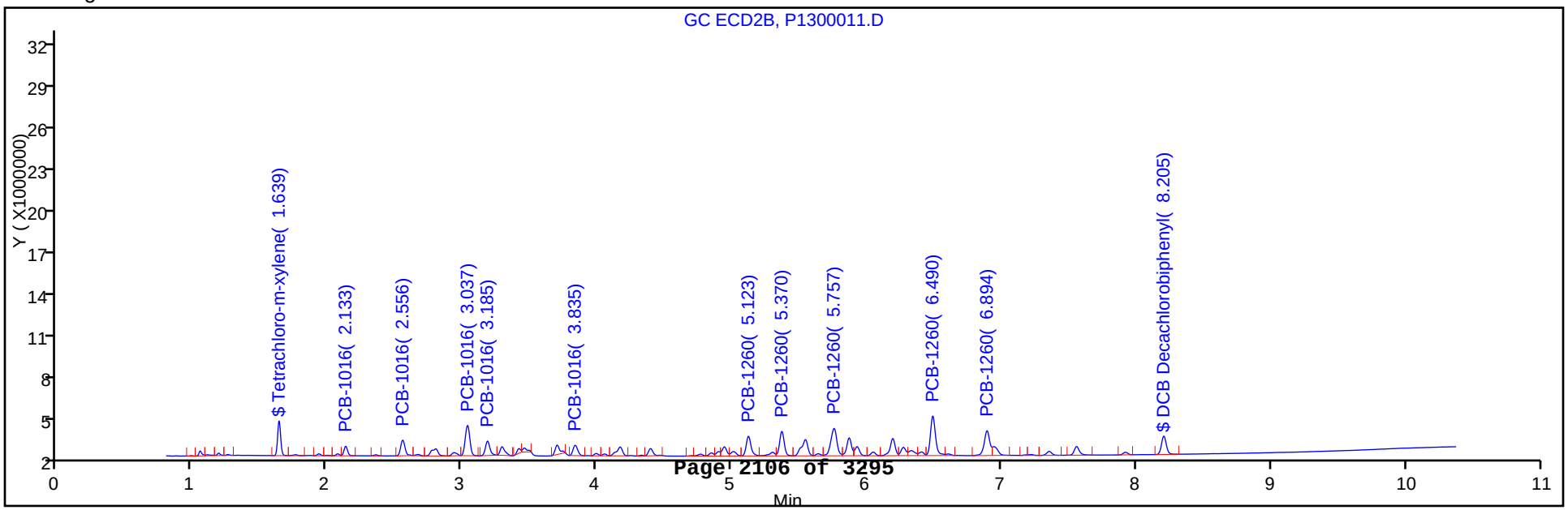
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300011.D

Injection Date:	18-Dec-2012 10:26:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-69119/11

Matrix: Water Lab File ID: P1300011.D

Analysis Method: 8082/DOD Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 12/18/2012 10:26

Con. Extract Vol.: Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69119 Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
11104-28-2	Aroclor-1221	0.00020	U	0.050	0.00020	0.013
12674-11-2	Aroclor-1016	0.0567		0.050	0.00020	0.017
11141-16-5	Aroclor-1232	0.00020	U	0.050	0.00020	0.016
53469-21-9	Aroclor-1242	0.00040	U	0.050	0.00040	0.022
12672-29-6	Aroclor-1248	0.00020	U	0.050	0.00020	0.010
11097-69-1	Aroclor-1254	0.00020	U	0.050	0.00020	0.016
11096-82-5	Aroclor-1260	0.0457	J	0.050	0.00020	0.017

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	112		50-150
2051-24-3	DCB Decachlorobiphenyl	101		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300011.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	18-Dec-2012 10:26:14	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015947-011		
Misc. Info.:			
Operator:		Instrument ID:	A2HP13
Injection Vol:	1.0 uL	ALS Bottle#:	11
Lims Batch ID:	69119	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP13\20121218-15947.b\PCB13.m		
Last Update:	21-Dec-2012 09:49:23	Calib Date:	22-Oct-2012 03:04:38
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP13\20121019-14228.b\P1300044.D		
Limit Group:	GC 8082A ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: hassl Date: 21-Dec-2012 09:16:37

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
S 1 Polychlorinated biphenyls, Total									7
1	100		1.000						
$ 2 Tetrachloro-m-xylene									
1	44	1.284	1.284	0.000	8337422	0.003652			
2	2	1.639	1.639	0.000	4010810	0.002791			
						RPD = 26.73			
3 PCB-1221									
1	2		1.429						
1	3		1.579						
1	4		1.547						
2	4		1.934						
2	5		2.073						
2	6		2.132						
4 PCB-1232									
1	100		1.580						
1	2		1.888						
1	3		2.314						
1	4		2.444						
1	5		2.856						
2	6		2.132						
2	7		2.556						
2	8		3.037						
2	9		3.185						
2	10		3.836						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
5 PCB-1242									
1	100		1.580						
1	2		1.888						
1	3		2.313						
1	4		2.444						
1	5		2.858						
2	6		2.132						
2	7		2.555						
2	8		3.037						
2	9		3.185						
2	10		3.703						
6 PCB-1016									
1	100	1.580	1.581	-0.001	2652730	0.0652		100.0	
1	2	1.888	1.889	-0.001	4111547	0.0572	149.3- 199.3	155.0	
1	3	2.314	2.314	0.000	8720684	0.0562	350.2- 400.2	328.7	
1	4	2.445	2.446	-0.001	3630755	0.0563	130.7- 180.7	136.9	
1	5	2.859	2.857	0.002	3238542	0.0477	137.9- 187.9	122.1	
			Average of Peak Amounts =			0.0565			
2	6	2.133	2.133	0.000	1295398	0.0576		100.0	
2	7	2.556	2.557	-0.001	2571257	0.0548	176.5- 236.5	198.5	
2	8	3.037	3.038	-0.001	5235521	0.0576	362.5- 422.5	404.2	
2	9	3.185	3.186	-0.001	2448356	0.0632	137.9- 197.9	189.0	
2	10	3.835	3.837	-0.002	1805746	0.0501	118.8- 178.8	139.4	
			Average of Peak Amounts =			0.0567			
						RPD = 0.25			
7 PCB-1248									
1	86		1.888						
1	2		2.311						
1	3		2.857						
1	4		3.479						
1	5		3.947						
2	6		2.553						
2	7		3.035						
2	8		3.703						
2	9		3.835						
2	10		4.901						
8 PCB-1254									
1	100		3.531						
1	2		3.946						
1	3		4.250						
1	4		4.457						
1	5		4.758						
2	6		4.395						
2	7		4.900						
2	8		5.161						
2	9		5.542						
2	10		5.761						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
10 PCB-1260									
1	100	4.150	4.152	-0.002	5365313	0.0529		100.0	
1	2	4.459	4.460	-0.001	10267058	0.0512	175.1- 225.1	191.4	
1	3	4.759	4.758	0.001	10024003	0.0501	173.2- 223.2	186.8	
1	4	5.509	5.508	0.001	13825635	0.0509	244.1- 294.1	257.7	
1	5	5.811	5.812	-0.001	6071485	0.0470	101.5- 151.5	113.2	
			Average of Peak Amounts =			0.0504			
2	6	5.123	5.122	0.001	3611688	0.0542		100.0	
2	7	5.370	5.370	0.000	4285537	0.0174	86.6- 146.6	118.7	
2	8	5.757	5.758	-0.001	6247528	0.0535	142.9- 202.9	173.0	
2	9	6.490	6.491	-0.001	7535640	0.0530	179.5- 239.5	208.6	
2	10	6.894	6.894	0.000	5249044	0.0504	121.8- 181.8	145.3	
			Average of Peak Amounts =			0.0457			
						RPD = 9.83			
9 PCB-1262									
1	100		4.460						
1	2		4.892						
1	3		5.156						
1	4		5.509						
1	5		5.909						
2	6		5.370						
2	7		5.870						
2	8		6.194						
2	9		6.491						
2	10		6.891						
11 PCB-1268									
1	100		5.867						
1	2		5.904						
1	3		6.118						
1	4		6.519						
1	5		6.839						
2	6		6.891						
2	7		6.941						
2	8		7.220						
2	9		7.558						
2	10		7.920						
$ 12 DCB Decachlorobiphenyl									
1	100	7.047	7.047	0.000	6169287	0.002642			
2	2	8.205	8.206	-0.001	3392232	0.002519			
						RPD = 4.80			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

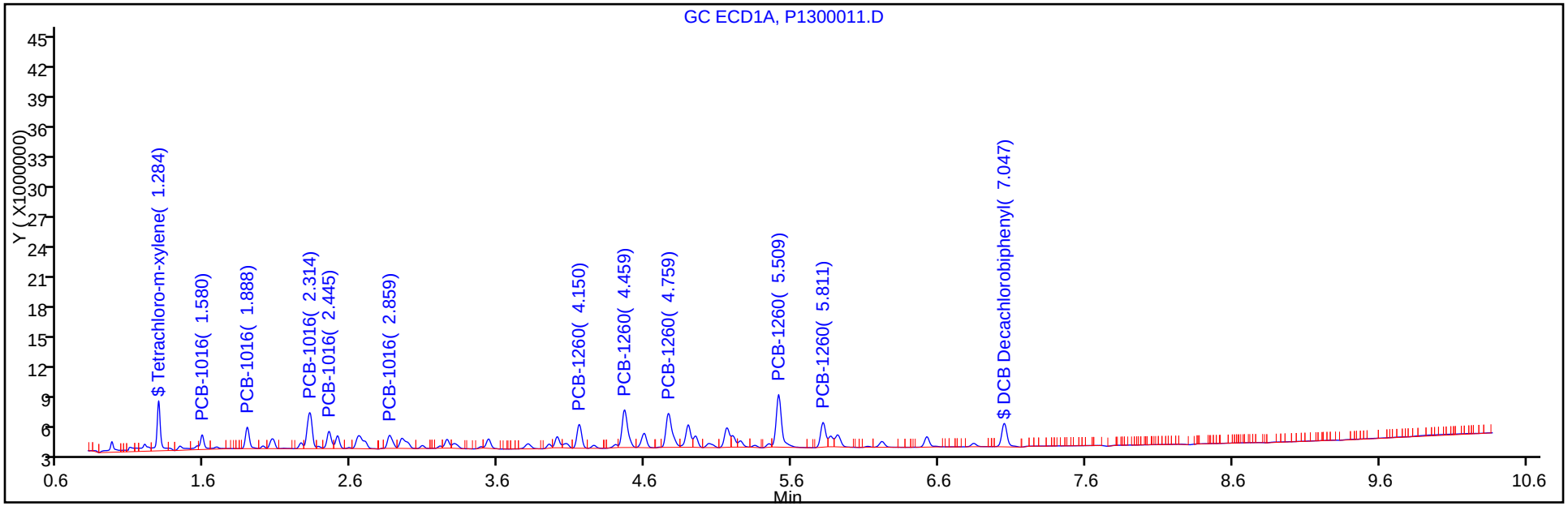
Report Date: 21-Dec-2012 09:49:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

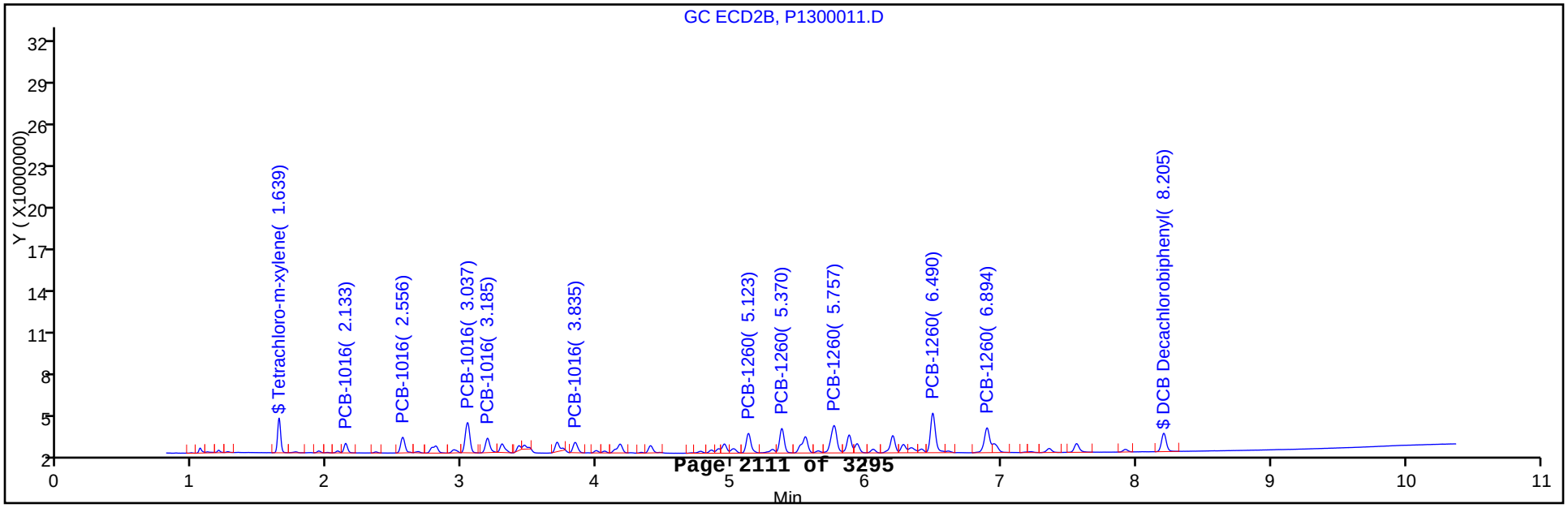
Data File: \\NCChrom\ChromData\A2HP13\20121218-15947.b\P1300011.D

Injection Date:	18-Dec-2012 10:26:14	Limit Group:	GC 8082A ICAL
Client ID:		Instrument ID:	A2HP13
Lims Batch ID:	69119	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 uL
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: A2HP13 Start Date: 10/21/2012 16:53

Analysis Batch Number: 62068 End Date: 10/22/2012 05:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-62068/3 IC		10/21/2012 16:53	1	P1300003.D	CLP-1 0.53(mm)
STD005 240-62068/3 IC		10/21/2012 16:53	1	P1300003.D	CLP-2 0.53(mm)
STD01 240-62068/4 IC		10/21/2012 17:08	1	P1300004.D	CLP-1 0.53(mm)
STD01 240-62068/4 IC		10/21/2012 17:08	1	P1300004.D	CLP-2 0.53(mm)
STD02 240-62068/5 IC		10/21/2012 17:23	1	P1300005.D	CLP-1 0.53(mm)
STD02 240-62068/5 IC		10/21/2012 17:23	1	P1300005.D	CLP-2 0.53(mm)
STD05 240-62068/6 IC		10/21/2012 17:38	1	P1300006.D	CLP-1 0.53(mm)
STD05 240-62068/6 IC		10/21/2012 17:38	1	P1300006.D	CLP-2 0.53(mm)
STD1 240-62068/7 IC		10/21/2012 17:53	1	P1300007.D	CLP-1 0.53(mm)
STD1 240-62068/7 IC		10/21/2012 17:53	1	P1300007.D	CLP-2 0.53(mm)
STD2 240-62068/8 IC		10/21/2012 18:07	1	P1300008.D	CLP-1 0.53(mm)
STD2 240-62068/8 IC		10/21/2012 18:07	1	P1300008.D	CLP-2 0.53(mm)
STD005 240-62068/9 IC		10/21/2012 18:22	1	P1300009.D	CLP-1 0.53(mm)
STD005 240-62068/9 IC		10/21/2012 18:22	1	P1300009.D	CLP-2 0.53(mm)
STD01 240-62068/10 IC		10/21/2012 18:37	1	P1300010.D	CLP-1 0.53(mm)
STD01 240-62068/10 IC		10/21/2012 18:37	1	P1300010.D	CLP-2 0.53(mm)
STD02 240-62068/11 IC		10/21/2012 18:52	1	P1300011.D	CLP-1 0.53(mm)
STD02 240-62068/11 IC		10/21/2012 18:52	1	P1300011.D	CLP-2 0.53(mm)
STD05 240-62068/12 IC		10/21/2012 19:07	1	P1300012.D	CLP-1 0.53(mm)
STD05 240-62068/12 IC		10/21/2012 19:07	1	P1300012.D	CLP-2 0.53(mm)
STD1 240-62068/13 IC		10/21/2012 19:22	1	P1300013.D	CLP-1 0.53(mm)
STD1 240-62068/13 IC		10/21/2012 19:22	1	P1300013.D	CLP-2 0.53(mm)
STD2 240-62068/14 IC		10/21/2012 19:37	1	P1300014.D	CLP-1 0.53(mm)
STD2 240-62068/14 IC		10/21/2012 19:37	1	P1300014.D	CLP-2 0.53(mm)
STD005 240-62068/15 IC		10/21/2012 19:52	1	P1300015.D	CLP-1 0.53(mm)
STD005 240-62068/15 IC		10/21/2012 19:52	1	P1300015.D	CLP-2 0.53(mm)
STD01 240-62068/16 IC		10/21/2012 20:07	1	P1300016.D	CLP-1 0.53(mm)
STD01 240-62068/16 IC		10/21/2012 20:07	1	P1300016.D	CLP-2 0.53(mm)
STD02 240-62068/17 IC		10/21/2012 20:22	1	P1300017.D	CLP-1 0.53(mm)
STD02 240-62068/17 IC		10/21/2012 20:22	1	P1300017.D	CLP-2 0.53(mm)
STD05 240-62068/18 IC		10/21/2012 20:37	1	P1300018.D	CLP-1 0.53(mm)
STD05 240-62068/18 IC		10/21/2012 20:37	1	P1300018.D	CLP-2 0.53(mm)
STD1 240-62068/19 IC		10/21/2012 20:52	1	P1300019.D	CLP-1 0.53(mm)
STD1 240-62068/19 IC		10/21/2012 20:52	1	P1300019.D	CLP-2 0.53(mm)
STD2 240-62068/20 IC		10/21/2012 21:07	1	P1300020.D	CLP-1 0.53(mm)
STD2 240-62068/20 IC		10/21/2012 21:07	1	P1300020.D	CLP-2 0.53(mm)
STD005 240-62068/21 IC		10/21/2012 21:21	1	P1300021.D	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: A2HP13 Start Date: 10/21/2012 16:53

Analysis Batch Number: 62068 End Date: 10/22/2012 05:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-62068/21 IC		10/21/2012 21:21	1	P1300021.D	CLP-2 0.53(mm)
STD01 240-62068/22 IC		10/21/2012 21:36	1	P1300022.D	CLP-1 0.53(mm)
STD01 240-62068/22 IC		10/21/2012 21:36	1	P1300022.D	CLP-2 0.53(mm)
STD02 240-62068/23 IC		10/21/2012 21:51	1	P1300023.D	CLP-1 0.53(mm)
STD02 240-62068/23 IC		10/21/2012 21:51	1	P1300023.D	CLP-2 0.53(mm)
STD05 240-62068/24 IC		10/21/2012 22:06	1	P1300024.D	CLP-1 0.53(mm)
STD05 240-62068/24 IC		10/21/2012 22:06	1	P1300024.D	CLP-2 0.53(mm)
STD1 240-62068/25 IC		10/21/2012 22:21	1	P1300025.D	CLP-1 0.53(mm)
STD1 240-62068/25 IC		10/21/2012 22:21	1	P1300025.D	CLP-2 0.53(mm)
STD2 240-62068/26 IC		10/21/2012 22:36	1	P1300026.D	CLP-1 0.53(mm)
STD2 240-62068/26 IC		10/21/2012 22:36	1	P1300026.D	CLP-2 0.53(mm)
STD005 240-62068/27 IC		10/21/2012 22:51	1	P1300027.D	CLP-1 0.53(mm)
STD005 240-62068/27 IC		10/21/2012 22:51	1	P1300027.D	CLP-2 0.53(mm)
STD01 240-62068/28 IC		10/21/2012 23:06	1	P1300028.D	CLP-1 0.53(mm)
STD01 240-62068/28 IC		10/21/2012 23:06	1	P1300028.D	CLP-2 0.53(mm)
STD02 240-62068/29 IC		10/21/2012 23:21	1	P1300029.D	CLP-1 0.53(mm)
STD02 240-62068/29 IC		10/21/2012 23:21	1	P1300029.D	CLP-2 0.53(mm)
STD05 240-62068/30 ICRT		10/21/2012 23:36	1	P1300030.D	CLP-1 0.53(mm)
STD05 240-62068/30 ICRT		10/21/2012 23:36	1	P1300030.D	CLP-2 0.53(mm)
STD1 240-62068/31 IC		10/21/2012 23:50	1	P1300031.D	CLP-1 0.53(mm)
STD1 240-62068/31 IC		10/21/2012 23:50	1	P1300031.D	CLP-2 0.53(mm)
STD2 240-62068/32 IC		10/22/2012 00:05	1	P1300032.D	CLP-1 0.53(mm)
STD2 240-62068/32 IC		10/22/2012 00:05	1	P1300032.D	CLP-2 0.53(mm)
STD005 240-62068/33 IC		10/22/2012 00:20	1		CLP-1 0.53(mm)
STD005 240-62068/33 IC		10/22/2012 00:20	1		CLP-2 0.53(mm)
STD01 240-62068/34 IC		10/22/2012 00:35	1		CLP-1 0.53(mm)
STD01 240-62068/34 IC		10/22/2012 00:35	1		CLP-2 0.53(mm)
STD02 240-62068/35 IC		10/22/2012 00:50	1		CLP-1 0.53(mm)
STD02 240-62068/35 IC		10/22/2012 00:50	1		CLP-2 0.53(mm)
STD05 240-62068/36 IC		10/22/2012 01:05	1		CLP-1 0.53(mm)
STD05 240-62068/36 IC		10/22/2012 01:05	1		CLP-2 0.53(mm)
STD1 240-62068/37 IC		10/22/2012 01:20	1		CLP-1 0.53(mm)
STD1 240-62068/37 IC		10/22/2012 01:20	1		CLP-2 0.53(mm)
STD2 240-62068/38 IC		10/22/2012 01:35	1		CLP-1 0.53(mm)
STD2 240-62068/38 IC		10/22/2012 01:35	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: A2HP13 Start Date: 10/21/2012 16:53

Analysis Batch Number: 62068 End Date: 10/22/2012 05:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD005 240-62068/39 IC		10/22/2012 01:50	1		CLP-1 0.53(mm)
STD005 240-62068/39 IC		10/22/2012 01:50	1		CLP-2 0.53(mm)
STD01 240-62068/40 IC		10/22/2012 02:05	1		CLP-1 0.53(mm)
STD01 240-62068/40 IC		10/22/2012 02:05	1		CLP-2 0.53(mm)
STD02 240-62068/41 IC		10/22/2012 02:20	1		CLP-1 0.53(mm)
STD02 240-62068/41 IC		10/22/2012 02:20	1		CLP-2 0.53(mm)
STD05 240-62068/42 IC		10/22/2012 02:34	1		CLP-1 0.53(mm)
STD05 240-62068/42 IC		10/22/2012 02:34	1		CLP-2 0.53(mm)
STD1 240-62068/43 IC		10/22/2012 02:49	1		CLP-1 0.53(mm)
STD1 240-62068/43 IC		10/22/2012 02:49	1		CLP-2 0.53(mm)
STD2 240-62068/44 IC		10/22/2012 03:04	1		CLP-1 0.53(mm)
STD2 240-62068/44 IC		10/22/2012 03:04	1		CLP-2 0.53(mm)
ICV 240-62068/45		10/22/2012 03:19	1	P1300045.D	CLP-1 0.53(mm)
ICV 240-62068/45		10/22/2012 03:19	1	P1300045.D	CLP-2 0.53(mm)
ICV 240-62068/46		10/22/2012 03:34	1	P1300046.D	CLP-1 0.53(mm)
ICV 240-62068/46		10/22/2012 03:34	1	P1300046.D	CLP-2 0.53(mm)
ICV 240-62068/47		10/22/2012 03:49	1	P1300047.D	CLP-1 0.53(mm)
ICV 240-62068/47		10/22/2012 03:49	1	P1300047.D	CLP-2 0.53(mm)
ICV 240-62068/48		10/22/2012 04:04	1	P1300048.D	CLP-1 0.53(mm)
ICV 240-62068/48		10/22/2012 04:04	1	P1300048.D	CLP-2 0.53(mm)
ICV 240-62068/49		10/22/2012 04:19	1	P1300049.D	CLP-1 0.53(mm)
ICV 240-62068/49		10/22/2012 04:19	1	P1300049.D	CLP-2 0.53(mm)
ICV 240-62068/50		10/22/2012 04:34	1	P1300050.D	CLP-1 0.53(mm)
ICV 240-62068/50		10/22/2012 04:34	1	P1300050.D	CLP-2 0.53(mm)
ICV 240-62068/51		10/22/2012 04:49	1		CLP-1 0.53(mm)
ICV 240-62068/51		10/22/2012 04:49	1		CLP-2 0.53(mm)
ICV 240-62068/52		10/22/2012 05:03	1		CLP-1 0.53(mm)
ICV 240-62068/52		10/22/2012 05:03	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Instrument ID: A2HP13 Start Date: 12/18/2012 08:26

Analysis Batch Number: 69119 End Date: 12/18/2012 10:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 240-69119/3 CCVRT		12/18/2012 08:26	1	P1300003.D	CLP-1 0.53(mm)
CCV 240-69119/3 CCVRT		12/18/2012 08:26	1	P1300003.D	CLP-2 0.53(mm)
MRL 240-69119/4		12/18/2012 08:41	1	P1300004.D	CLP-1 0.53(mm)
MRL 240-69119/4		12/18/2012 08:41	1	P1300004.D	CLP-2 0.53(mm)
ZZZZZ		12/18/2012 08:56	1		CLP-1 0.53(mm)
ZZZZZ		12/18/2012 08:56	1		CLP-2 0.53(mm)
240-18735-3	070-0056-0001-SOURCE WATER	12/18/2012 09:11	1	P1300006.D	CLP-1 0.53(mm)
240-18735-3	070-0056-0001-SOURCE WATER	12/18/2012 09:11	1	P1300006.D	CLP-2 0.53(mm)
240-18735-4	070-0057-0001-SOURCE WATER	12/18/2012 09:26	1	P1300007.D	CLP-1 0.53(mm)
240-18735-4	070-0057-0001-SOURCE WATER	12/18/2012 09:26	1	P1300007.D	CLP-2 0.53(mm)
MB 240-68553/4-A		12/18/2012 09:41	1	P1300008.D	CLP-1 0.53(mm)
MB 240-68553/4-A		12/18/2012 09:41	1	P1300008.D	CLP-2 0.53(mm)
LCS 240-68553/5-A		12/18/2012 09:56	1	P1300009.D	CLP-1 0.53(mm)
LCS 240-68553/5-A		12/18/2012 09:56	1	P1300009.D	CLP-2 0.53(mm)
CCV 240-69119/10		12/18/2012 10:11	1	P1300010.D	CLP-1 0.53(mm)
CCV 240-69119/10		12/18/2012 10:11	1	P1300010.D	CLP-2 0.53(mm)
MRL 240-69119/11		12/18/2012 10:26	1	P1300011.D	CLP-1 0.53(mm)
MRL 240-69119/11		12/18/2012 10:26	1	P1300011.D	CLP-2 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Batch Number: 68553 Batch Start Date: 12/13/12 12:45 Batch Analyst: Coast, Chris

Batch Method: 3520C Batch End Date: 12/14/12 06:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	EX10PPMSPK 00006	EX2/.2SURRW 00020	AnalysisComment
240-18735-O-3	070-0056-0001-SOURCE WATER	3520C, 8082/DOD	T	1050 mL	5 mL	7		1 mL	assoc sample with batch # 68554
240-18735-L-4	070-0057-0001-SOURCE WATER	3520C, 8082/DOD	T	1050 mL	5 mL	7		1 mL	assoc sample with batch # 68554
MB 240-68553/4		3520C, 8082/DOD		1000 mL	5 mL	7		1 mL	
LCS 240-68553/5		3520C, 8082/DOD		1000 mL	5 mL	7	0.5 mL	1 mL	

Batch Notes	
Acid used for Clean Up Reagent	724997
Person's name who did the concentration	ac/bm
Exchange Solvent Lot #	671347
Na2SO4 Lot Number	677238
Prep Solvent Lot #	781160

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8151 DOD

Herbicides (GC) by Method 8151A/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Solid (TCLP) Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCPA1 #	DCPA2 #
070-0058-0001-IDW	240-18735-5	74	84
	MB 240-70010/4-A	79	86
	LCS 240-70010/5-A	78	73
070-0058-0001-IDW MS	240-18735-5 MS	70	76

	QC LIMITS
DCPA = 2,4-Dichlorophenylacetic acid	37-116

Column to be used to flag recovery values

FORM II 8151/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCPA1	#	DCPA2	#
070-0056-0001-SOUR CE WATER	240-18735-3	66		79	
070-0057-0001-SOUR CE WATER	240-18735-4	70		79	
	MB 240-69372/21-A	74		86	
	LCS 240-69372/22-A	87		93	
	MRL 240-70037/7	121	Q	122	Q
	MRL 240-70037/32	128	Q	126	Q

	QC LIMITS
DCPA = 2,4-Dichlorophenylacetic acid	32-112

Column to be used to flag recovery values

FORM II 8151/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCPA1 #	DCPA2 #
	MRL 240-70766/23	107	105
	MRL 240-70766/42	123 Q	120 Q

	QC LIMITS
DCPA = 2,4-Dichlorophenylacetic acid	37-116

Column to be used to flag recovery values

FORM II 8151/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water (TCLP) Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCPA1 #	DCPA2 #
070-0059-0001-IDW	240-18735-6	66	77

	QC LIMITS
DCPA = 2,4-Dichlorophenylacetic acid	37-116

Column to be used to flag recovery values

FORM II 8151/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water Level: Low Lab File ID: P1000029.D

Lab ID: LCS 240-69372/22-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
2,4-D	40.0	36.7	92	35-115	
Dalapon	20.0	13.7	68	40-110	
2,4-DB	40.0	35.1	88	45-130	
Dicamba	20.0	17.6	88	60-110	
Dichlorprop	40.0	43.9	110	70-120	
Dinoseb	6.00	4.33	72	20-110	
MCPA	4000	3570	89	60-145	
Silvex (2,4,5-TP)	10.0	8.89	89	50-115	
2,4,5-T	10.0	8.89	89	35-110	

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water Level: Low Lab File ID: P1000033.D

Lab ID: LCS 240-70010/5-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
2,4-D	0.0200	0.0154 J	77	35-136	
Silvex (2,4,5-TP)	0.00500	0.00464 J	93	46-112	

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water Level: Low Lab File ID: P1000007.D

Lab ID: MRL 240-70037/7 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2,4-D	0.0200	0.0211	106	70-130	
2,4-D	0.0200	0.0212	106	70-130	
Dalapon	0.0100	0.0115	115	70-130	
Dalapon	0.0100	0.0120	120	70-130	
2,4-DB	0.0200	0.0190	95	70-130	
2,4-DB	0.0200	0.00331 J	17	70-130	^
Dicamba	0.0100	0.0120	120	70-130	
Dicamba	0.0100	0.0116	116	70-130	
Dichlorprop	0.0200	0.0254	127	70-130	
Dichlorprop	0.0200	0.0239	119	70-130	
Dinoseb	0.00300	0.00328	109	70-130	
Dinoseb	0.00300	0.00324	108	70-130	M
MCPA	2.00	1.08	54	70-130	^
MCPA	2.00	1.06	53	70-130	^
Silvex (2,4,5-TP)	0.00500	0.00530	106	70-130	
Silvex (2,4,5-TP)	0.00500	0.00536	107	70-130	
2,4,5-T	0.00500	0.00469	94	70-130	
2,4,5-T	0.00500	0.00516	103	70-130	

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water Level: Low Lab File ID: P1000032.D

Lab ID: MRL 240-70037/32 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2,4-D	0.0200	0.0219	110	70-130	
2,4-D	0.0200	0.0235	117	70-130	
Dalapon	0.0100	0.0114	114	70-130	
Dalapon	0.0100	0.0127	127	70-130	
2,4-DB	0.0200	0.0202	101	70-130	
2,4-DB	0.0200	0.0220	110	70-130	
Dicamba	0.0100	0.0124	124	70-130	
Dicamba	0.0100	0.0118	118	70-130	
Dichlorprop	0.0200	0.0262	131	70-130	^
Dichlorprop	0.0200	0.0255	128	70-130	
Dinoseb	0.00300	0.00358	119	70-130	
Dinoseb	0.00300	0.00351	117	70-130	M
MCPA	2.00	1.30	65	70-130	^
MCPA	2.00	1.33	67	70-130	^
Silvex (2,4,5-TP)	0.00500	0.00547	109	70-130	
Silvex (2,4,5-TP)	0.00500	0.00565	113	70-130	
2,4,5-T	0.00500	0.00495	99	70-130	
2,4,5-T	0.00500	0.00545	109	70-130	

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water Level: Low Lab File ID: P1000023.D

Lab ID: MRL 240-70766/23 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2,4-D	0.0200	0.0177 J	88	70-130	
2,4-D	0.0200	0.0187 J	93	70-130	
Silvex (2,4,5-TP)	0.00500	0.00474 J	95	70-130	
Silvex (2,4,5-TP)	0.00500	0.00470 J	94	70-130	

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Water Level: Low Lab File ID: P1000042.D

Lab ID: MRL 240-70766/42 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2,4-D	0.0200	0.0218 J	109	70-130	
2,4-D	0.0200	0.0217 J	109	70-130	
Silvex (2,4,5-TP)	0.00500	0.00550 J	110	70-130	
Silvex (2,4,5-TP)	0.00500	0.00530 J	106	70-130	

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Matrix: Solid (TCLP) Level: Low Lab File ID: P1000030.D

Lab ID: 240-18735-5 MS Client ID: 070-0058-0001-IDW MS

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC	QC LIMITS REC	#
2,4-D	0.0200	0.00025 U	0.0148 J	74	54-114	
Silvex (2,4,5-TP)	0.00500	0.00010 U	0.00429 J	86	52-124	

Column to be used to flag recovery and RPD values

FORM III 8151/DOD

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: MB 240-69372/21-A

Matrix: Water Date Extracted: 12/19/2012 09:51

Lab File ID:(1) P1000017.D Lab File ID:(2) P1000017.D

Date Analyzed:(1) 12/24/2012 21:11 Date Analyzed:(2) 12/24/2012 21:11

Instrument ID:(1) A2HP1 Instrument ID:(2) A2HP1

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
070-0056-0001-SOURCE WATER	240-18735-3	12/24/2012 17:40	12/24/2012 17:40
070-0057-0001-SOURCE WATER	240-18735-4	12/24/2012 18:03	12/24/2012 18:03
	LCS 240-69372/22-A	12/25/2012 01:53	12/25/2012 01:53

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: MB 240-70010/4-A

Matrix: Water Date Extracted: 12/24/2012 10:38

Lab File ID:(1) P1000032.D Lab File ID:(2) P1000032.D

Date Analyzed:(1) 01/01/2013 01:27 Date Analyzed:(2) 01/01/2013 01:27

Instrument ID:(1) A2HP1 Instrument ID:(2) A2HP1

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
070-0058-0001-IDW	240-18735-5	01/01/2013 00:17	01/01/2013 00:17
070-0058-0001-IDW MS	240-18735-5 MS	01/01/2013 00:41	01/01/2013 00:41
070-0059-0001-IDW	240-18735-6	01/01/2013 01:04	01/01/2013 01:04
	LCS 240-70010/5-A	01/01/2013 01:51	01/01/2013 01:51

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Sample No.: CCV 240-70037/5 Date Analyzed: 12/24/2012 16:29

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1000005.D Heated Purge: (Y/N) N

Calibration ID: 12573

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPA RT #		
CONTINUING CALIBRATION SURROGATE				6.97		
UPPER LIMIT				6.99		
LOWER LIMIT				6.95		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-70037/5 CCVRT		12/24/2012 16:29	P1000005.D	6.97		
240-18735-3	070-0056-0001-SOURCE WATER	12/24/2012 17:40	P1000008.D	6.97		
240-18735-4	070-0057-0001-SOURCE WATER	12/24/2012 18:03	P1000009.D	6.97		
MB 240-69372/21-A		12/24/2012 21:11	P1000017.D	6.97		
CCV 240-70037/18		12/24/2012 21:35	P1000018.D	6.97		
LCS 240-69372/22-A		12/25/2012 01:53	P1000029.D	6.97		
CCV 240-70037/30		12/25/2012 02:17	P1000030.D	6.98		

DCPA = 2,4-Dichlorophenylacetic acid

DCPA RT Limit = ± 0.02 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8151/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Sample No.: CCV 240-70037/5 Date Analyzed: 12/24/2012 16:29

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1000005.D Heated Purge: (Y/N) N

Calibration ID: 12574

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPA RT #		
CONTINUING CALIBRATION SURROGATE				7.61		
UPPER LIMIT				7.63		
LOWER LIMIT				7.59		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-70037/5 CCVRT		12/24/2012 16:29	P1000005.D	7.61		
240-18735-3	070-0056-0001-SOURCE WATER	12/24/2012 17:40	P1000008.D	7.61		
240-18735-4	070-0057-0001-SOURCE WATER	12/24/2012 18:03	P1000009.D	7.61		
MB 240-69372/21-A		12/24/2012 21:11	P1000017.D	7.61		
CCV 240-70037/18		12/24/2012 21:35	P1000018.D	7.61		
LCS 240-69372/22-A		12/25/2012 01:53	P1000029.D	7.61		
CCV 240-70037/30		12/25/2012 02:17	P1000030.D	7.61		

DCPA = 2,4-Dichlorophenylacetic acid

DCPA RT Limit = ± 0.02 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8151/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Sample No.: CCV 240-70766/12 Date Analyzed: 12/31/2012 17:37

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P1000012.D Heated Purge: (Y/N) N

Calibration ID: 12573

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPA RT #		
CONTINUING CALIBRATION SURROGATE				6.96		
UPPER LIMIT				6.98		
LOWER LIMIT				6.94		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-70766/12 CCVRT		12/31/2012 17:37	P1000012.D	6.96		
CCV 240-70766/21		12/31/2012 21:09	P1000021.D	6.96		
240-18735-5	070-0058-0001-IDW	01/01/2013 00:17	P1000029.D	6.97		
240-18735-5 MS	070-0058-0001-IDW MS	01/01/2013 00:41	P1000030.D	6.97		
240-18735-6	070-0059-0001-IDW	01/01/2013 01:04	P1000031.D	6.97		
MB 240-70010/4-A		01/01/2013 01:27	P1000032.D	6.96		
LCS 240-70010/5-A		01/01/2013 01:51	P1000033.D	6.96		
CCV 240-70766/34		01/01/2013 02:14	P1000034.D	6.96		

DCPA = 2,4-Dichlorophenylacetic acid

DCPA RT Limit = ± 0.02 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8151/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Sample No.: CCV 240-70766/12 Date Analyzed: 12/31/2012 17:37

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P1000012.D Heated Purge: (Y/N) N

Calibration ID: 12574

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPA RT #		
CONTINUING CALIBRATION SURROGATE				7.61		
UPPER LIMIT				7.63		
LOWER LIMIT				7.59		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-70766/12 CCVRT		12/31/2012 17:37	P1000012.D	7.61		
CCV 240-70766/21		12/31/2012 21:09	P1000021.D	7.61		
240-18735-5	070-0058-0001-IDW	01/01/2013 00:17	P1000029.D	7.62		
240-18735-5 MS	070-0058-0001-IDW MS	01/01/2013 00:41	P1000030.D	7.61		
240-18735-6	070-0059-0001-IDW	01/01/2013 01:04	P1000031.D	7.62		
MB 240-70010/4-A		01/01/2013 01:27	P1000032.D	7.61		
LCS 240-70010/5-A		01/01/2013 01:51	P1000033.D	7.62		
CCV 240-70766/34		01/01/2013 02:14	P1000034.D	7.62		

DCPA = 2,4-Dichlorophenylacetic acid

DCPA RT Limit = ± 0.02 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8151/DOD

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0058-0001-IDW MS Lab Sample ID: 240-18735-5 MS

Instrument ID (1): A2HP1 Instrument ID (2): A2HP1

Date Analyzed (1): 01/01/2013 00:41 Date Analyzed (2): 01/01/2013 00:41

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
2,4-D	1		8.18	8.17	8.21	0.0164		9.8
	2		8.93	8.91	8.95	0.0148		
Silvex (2,4,5-TP)	1		9.06	9.04	9.08	0.00398		7.7
	2		9.87	9.85	9.89	0.00429		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0059-0001-IDW Lab Sample ID: 240-18735-6

Instrument ID (1): A2HP1 Instrument ID (2): A2HP1

Date Analyzed (1): 01/01/2013 01:04 Date Analyzed (2): 01/01/2013 01:04

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
2,4-D	1		8.20	8.17	8.21	0.0020		133.8
	2		8.95	8.91	8.95	0.00039		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-69372/22-A

Instrument ID (1): A2HP1 Instrument ID (2): A2HP1

Date Analyzed (1): 12/25/2012 01:53 Date Analyzed (2): 12/25/2012 01:53

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Dalapon	1		1.24	1.22	1.26	13.7		20.6
	2		1.37	1.35	1.39	16.8		
Dicamba	1		7.14	7.12	7.16	17.6		5.9
	2		7.77	7.75	7.79	18.6		
MCPP	1		7.42	7.40	7.44	3860		5.1
	2		7.96	7.94	7.98	3670		
MCPA	1		7.59	7.57	7.61	3570		4.2
	2		8.21	8.19	8.23	3730		
Dichlorprop	1		7.96	7.94	7.98	43.9		9.0
	2		8.57	8.55	8.59	48.0		
2,4-D	1		8.19	8.17	8.21	36.7		3.7
	2		8.92	8.91	8.95	38.1		
Pentachlorophenol	1		8.28	8.26	8.30	6.57		8.7
	2		9.22	9.20	9.24	6.02		
Silvex (2,4,5-TP)	1		9.07	9.05	9.09	8.89		6.2
	2		9.86	9.84	9.88	9.46		
2,4,5-T	1		9.39	9.37	9.41	8.89		2.0
	2		10.34	10.32	10.36	9.06		
2,4-DB	1		10.01	9.99	10.03	35.1		1.4
	2		10.98	10.97	11.01	34.7		
Dinoseb	1		11.22	11.19	11.25	4.33		3.5
	2		11.36	11.33	11.39	4.49		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-70010/5-A

Instrument ID (1): A2HP1 Instrument ID (2): A2HP1

Date Analyzed (1): 01/01/2013 01:51 Date Analyzed (2): 01/01/2013 01:51

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
2,4-D	1		8.18	8.17	8.21	0.0171		10.2
	2		8.93	8.91	8.95	0.0154		
Silvex (2,4,5-TP)	1		9.06	9.04	9.08	0.00417		10.7
	2		9.87	9.85	9.89	0.00464		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0056-0001-SOURCE | Lab Sample ID: 240-18735-3

Matrix: Water | Lab File ID: P1000008.D

Analysis Method: 8151/DOD | Date Collected: 12/12/2012 13:00

Extraction Method: 8151A | Date Extracted: 12/19/2012 09:51

Sample wt/vol: 500(mL) | Date Analyzed: 12/24/2012 17:40

Con. Extract Vol.: 100(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70037 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.50	U	4.0	0.50	0.41
75-99-0	Dalapon	0.20	U	2.0	0.20	0.17
94-82-6	2,4-DB	1.0	U	4.0	1.0	0.69
1918-00-9	Dicamba	1.0	U	2.0	1.0	0.52
120-36-5	Dichlorprop	1.0	U	4.0	1.0	0.86
88-85-7	Dinoseb	0.20	U	0.60	0.20	0.087
94-74-6	MCPA	400	U	400	400	390
93-65-2	MCPP	400	U	400	400	400
87-86-5	Pentachlorophenol	0.040	U	0.10	0.040	0.024
93-72-1	Silvex (2,4,5-TP)	0.20	U	1.0	0.20	0.20
93-76-5	2,4,5-T	0.50	U	1.0	0.50	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	66		32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000008.D		
Lims ID:	240-18735-L-3-A	Client ID:	070-0056-0001-SOURCE WATER
Inject. Date:	24-Dec-2012 17:40:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016161-008		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	70037	Lims Sample ID:	8
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m		
Last Update:	26-Dec-2012 12:33:13	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.238				
2		1.371				
$ 4 2,4-Dichlorophenylacetic acid						
1	6.969	6.967	0.002	19756748	0.1325	
2	7.609	7.608	0.001	9761668	0.1572	
					RPD = 17.06	
6 Dicamba						
1	7.119	7.133	-0.014	1433496	0.002320	
2	7.772	7.774	-0.002	271315	0.001061	
					RPD = 74.48	
10 MCPP						1
1		7.418				
2		7.960				
9 MCPA						1
1		7.580				
2		8.210				
7 Dichlorprop						1
1		7.950				
2		8.570				
2 2,4-D						1
1		8.190				
2		8.926				
11 Pentachlorophenol						
1		8.278				
2		9.219				
12 Silvex (2,4,5-TP)						1
1		9.064				
2		9.860				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.380				
2		10.338				
3	2,4-DB					
1		10.010				
2		10.988				
8	Dinoseb					1
1		11.216				
2		11.365				

QC Flag Legend

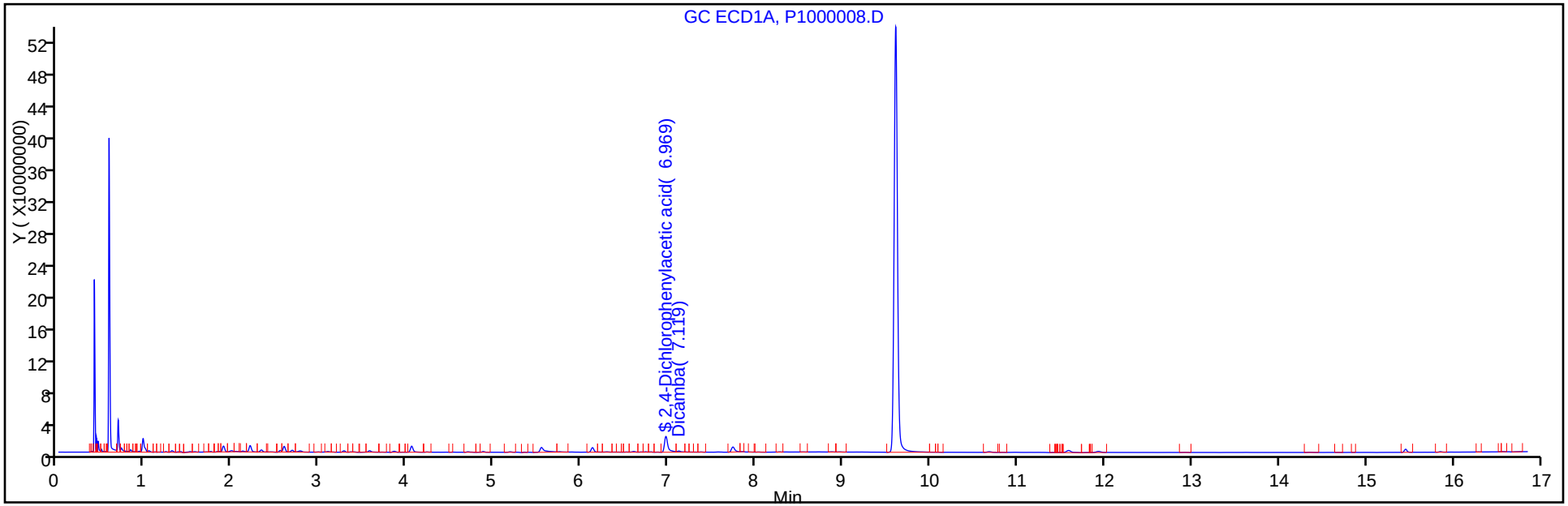
Processing Flags
1 - Missing Peaks

Report Date: 26-Dec-2012 12:33:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

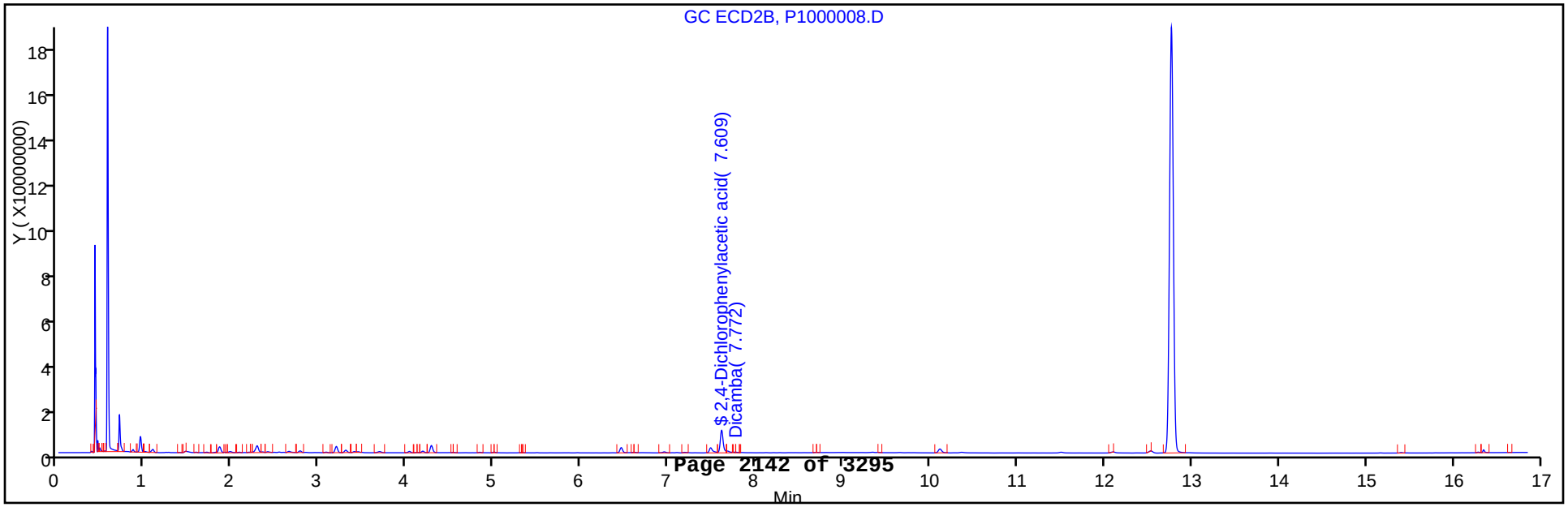
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000008.D		
Injection Date:	24-Dec-2012 17:40:00	Limit Group:	GC 8151 DOD
Client ID:	070-0056-0001-SOURCE WATER	Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	8
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0056-0001-SOURCE Lab Sample ID: 240-18735-3

Matrix: Water Lab File ID: P1000008.D

Analysis Method: 8151/DOD Date Collected: 12/12/2012 13:00

Extraction Method: 8151A Date Extracted: 12/19/2012 09:51

Sample wt/vol: 500(mL) Date Analyzed: 12/24/2012 17:40

Con. Extract Vol.: 100(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 70037 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	79		32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000008.D		
Lims ID:	240-18735-L-3-A	Client ID:	070-0056-0001-SOURCE WATER
Inject. Date:	24-Dec-2012 17:40:00	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016161-008		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	70037	Lims Sample ID:	8
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m		
Last Update:	26-Dec-2012 12:33:13	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.238				
2		1.371				
$ 4 2,4-Dichlorophenylacetic acid						
1	6.969	6.967	0.002	19756748	0.1325	
2	7.609	7.608	0.001	9761668	0.1572	
					RPD = 17.06	
6 Dicamba						
1	7.119	7.133	-0.014	1433496	0.002320	
2	7.772	7.774	-0.002	271315	0.001061	
					RPD = 74.48	
10 MCPP						1
1		7.418				
2		7.960				
9 MCPA						1
1		7.580				
2		8.210				
7 Dichlorprop						1
1		7.950				
2		8.570				
2 2,4-D						1
1		8.190				
2		8.926				
11 Pentachlorophenol						
1		8.278				
2		9.219				
12 Silvex (2,4,5-TP)						1
1		9.064				
2		9.860				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.380				
2		10.338				
3	2,4-DB					
1		10.010				
2		10.988				
8	Dinoseb					1
1		11.216				
2		11.365				

QC Flag Legend

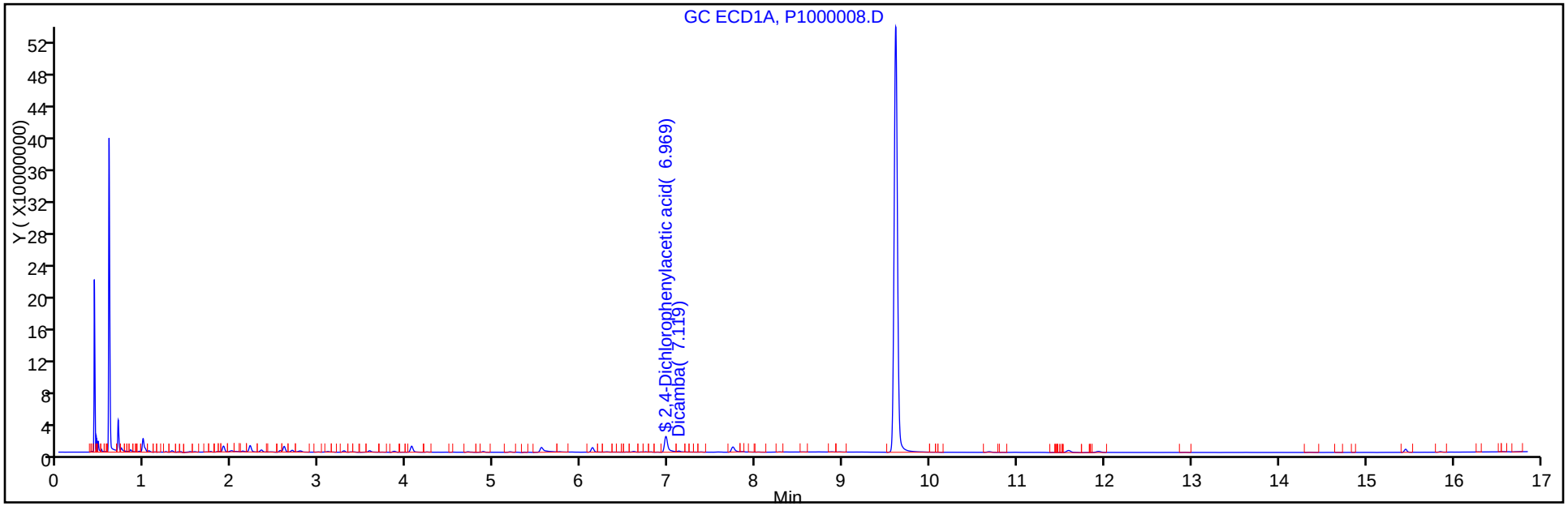
Processing Flags
1 - Missing Peaks

Report Date: 26-Dec-2012 12:33:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

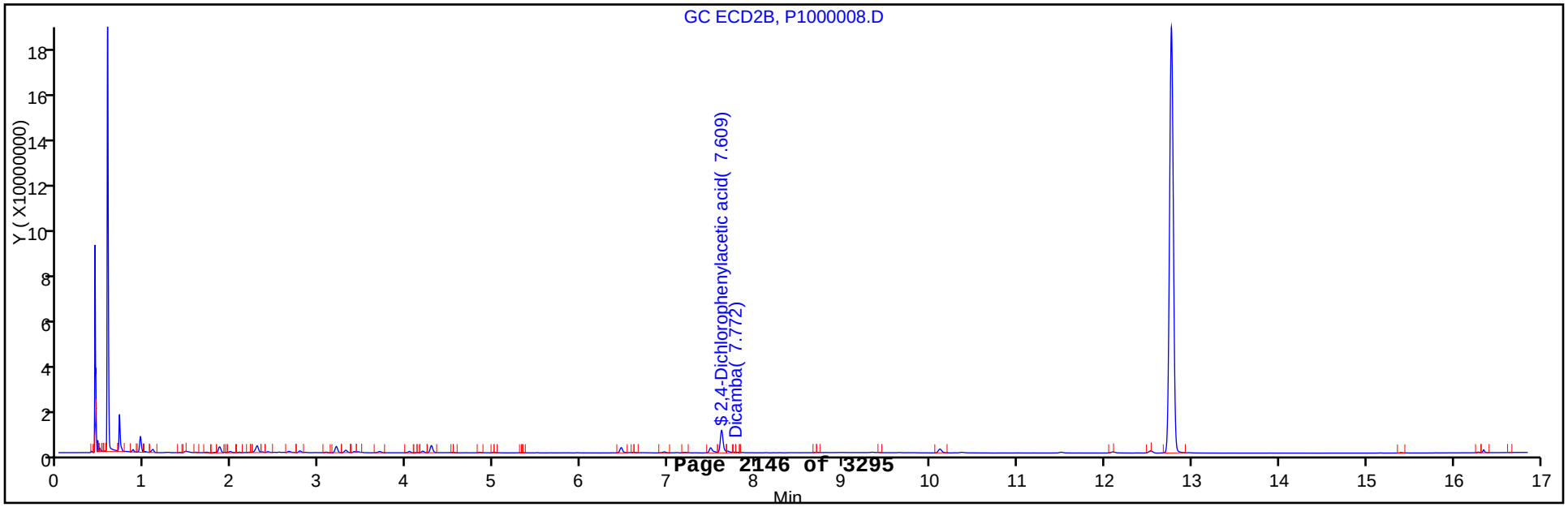
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000008.D		
Injection Date:	24-Dec-2012 17:40:00	Limit Group:	GC 8151 DOD
Client ID:	070-0056-0001-SOURCE WATER	Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	8
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0057-0001-SOURCE | Lab Sample ID: 240-18735-4

Matrix: Water | Lab File ID: P1000009.D

Analysis Method: 8151/DOD | Date Collected: 12/12/2012 13:15

Extraction Method: 8151A | Date Extracted: 12/19/2012 09:51

Sample wt/vol: 500(mL) | Date Analyzed: 12/24/2012 18:03

Con. Extract Vol.: 100(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70037 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.50	U	4.0	0.50	0.41
75-99-0	Dalapon	0.20	U	2.0	0.20	0.17
94-82-6	2,4-DB	1.0	U	4.0	1.0	0.69
1918-00-9	Dicamba	1.0	U	2.0	1.0	0.52
120-36-5	Dichlorprop	1.0	U	4.0	1.0	0.86
88-85-7	Dinoseb	0.20	U	0.60	0.20	0.087
94-74-6	MCPA	400	U	400	400	390
93-65-2	MCPP	400	U	400	400	400
87-86-5	Pentachlorophenol	0.040	U	0.10	0.040	0.024
93-72-1	Silvex (2,4,5-TP)	0.20	U	1.0	0.20	0.20
93-76-5	2,4,5-T	0.50	U	1.0	0.50	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	70		32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000009.D
Lims ID: 240-18735-J-4-A
Client ID: 070-0057-0001-SOURCE WATER
Inject. Date: 24-Dec-2012 18:03:26
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016161-009
Misc. Info.:
Operator: 001754
Instrument ID: A2HP1
Injection Vol: 1.0 ul
ALS Bottle#: 9
Lims Batch ID: 70037
Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 12:33:13
Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.238				
2		1.371				
$ 4 2,4-Dichlorophenylacetic acid						
1	6.969	6.967	0.002	20768544	0.1393	
2	7.607	7.608	-0.001	9870419	0.1590	
					RPD = 13.19	
6 Dicamba						1
1		7.133				
2		7.774				
10 MCPP						1
1		7.418				
2		7.960				
9 MCPA						1
1		7.580				
2		8.210				
7 Dichlorprop						
1		7.950				
2		8.570				
2 2,4-D						1
1		8.190				
2		8.926				
11 Pentachlorophenol						
1		8.278				
2		9.219				
12 Silvex (2,4,5-TP)						1
1		9.064				
2		9.860				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.380				
2		10.338				
3	2,4-DB					1
1		10.010				
2		10.988				
8	Dinoseb					
1		11.216				
2		11.365				

QC Flag Legend

Processing Flags
1 - Missing Peaks

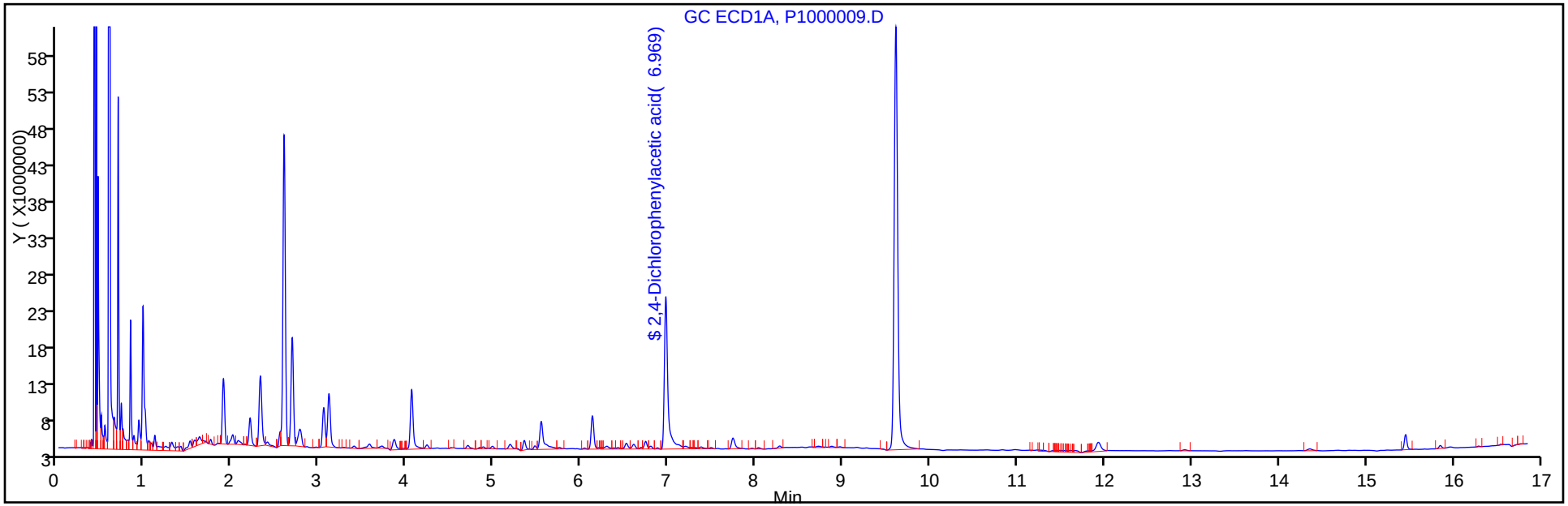
Report Date: 26-Dec-2012 12:33:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

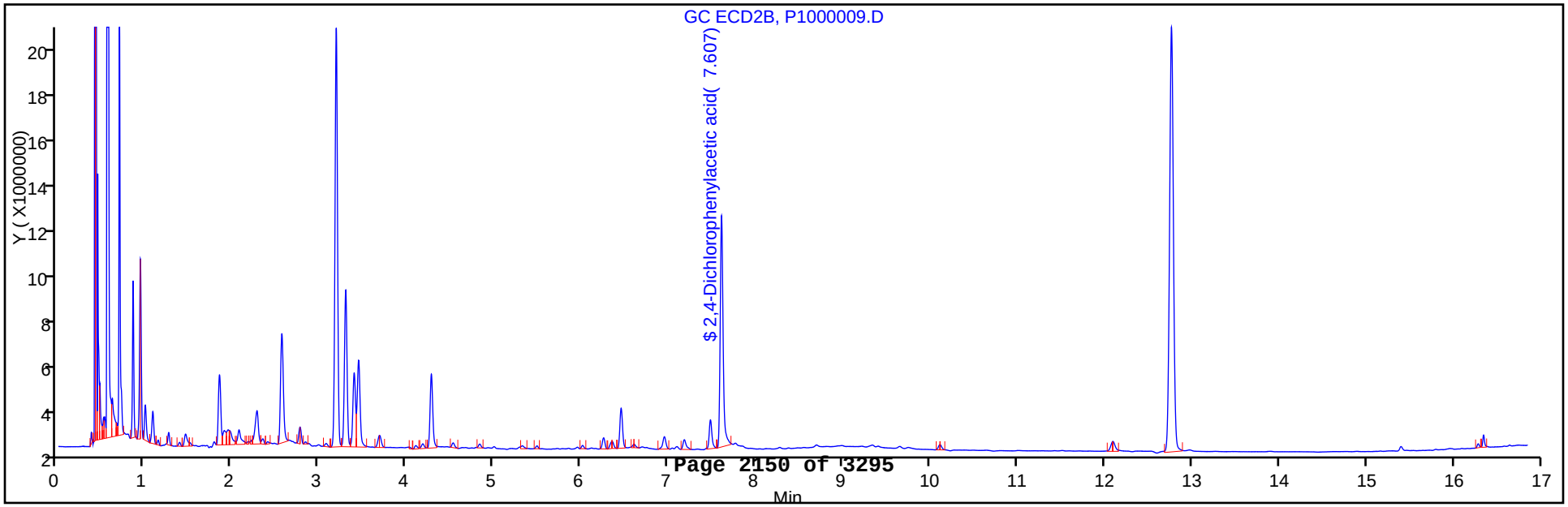
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000009.D

Injection Date:	24-Dec-2012 18:03:26	Limit Group:	GC 8151 DOD
Client ID:	070-0057-0001-SOURCE WATER	Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	9
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0057-0001-SOURCE Lab Sample ID: 240-18735-4

Matrix: Water Lab File ID: P1000009.D

Analysis Method: 8151/DOD Date Collected: 12/12/2012 13:15

Extraction Method: 8151A Date Extracted: 12/19/2012 09:51

Sample wt/vol: 500(mL) Date Analyzed: 12/24/2012 18:03

Con. Extract Vol.: 100(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 70037 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	79		32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000009.D
Lims ID: 240-18735-J-4-A
Client ID: 070-0057-0001-SOURCE WATER
Inject. Date: 24-Dec-2012 18:03:26
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016161-009
Misc. Info.:
Operator: 001754
Instrument ID: A2HP1
Injection Vol: 1.0 ul
ALS Bottle#: 9
Lims Batch ID: 70037
Lims Sample ID: 9
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 12:33:13
Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.238				
2		1.371				
$ 4 2,4-Dichlorophenylacetic acid						
1	6.969	6.967	0.002	20768544	0.1393	
2	7.607	7.608	-0.001	9870419	0.1590	
					RPD = 13.19	
6 Dicamba						1
1		7.133				
2		7.774				
10 MCPP						1
1		7.418				
2		7.960				
9 MCPA						1
1		7.580				
2		8.210				
7 Dichlorprop						
1		7.950				
2		8.570				
2 2,4-D						1
1		8.190				
2		8.926				
11 Pentachlorophenol						
1		8.278				
2		9.219				
12 Silvex (2,4,5-TP)						1
1		9.064				
2		9.860				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.380				
2		10.338				
3	2,4-DB					1
1		10.010				
2		10.988				
8	Dinoseb					
1		11.216				
2		11.365				

QC Flag Legend

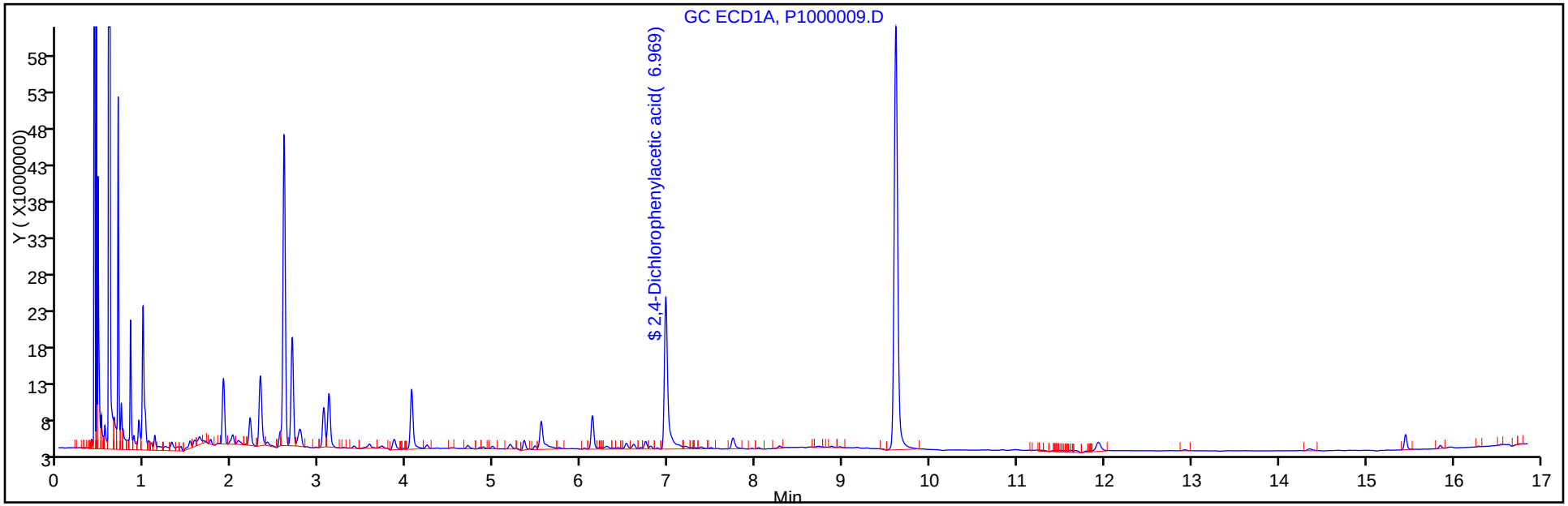
Processing Flags
1 - Missing Peaks

Report Date: 26-Dec-2012 12:33:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

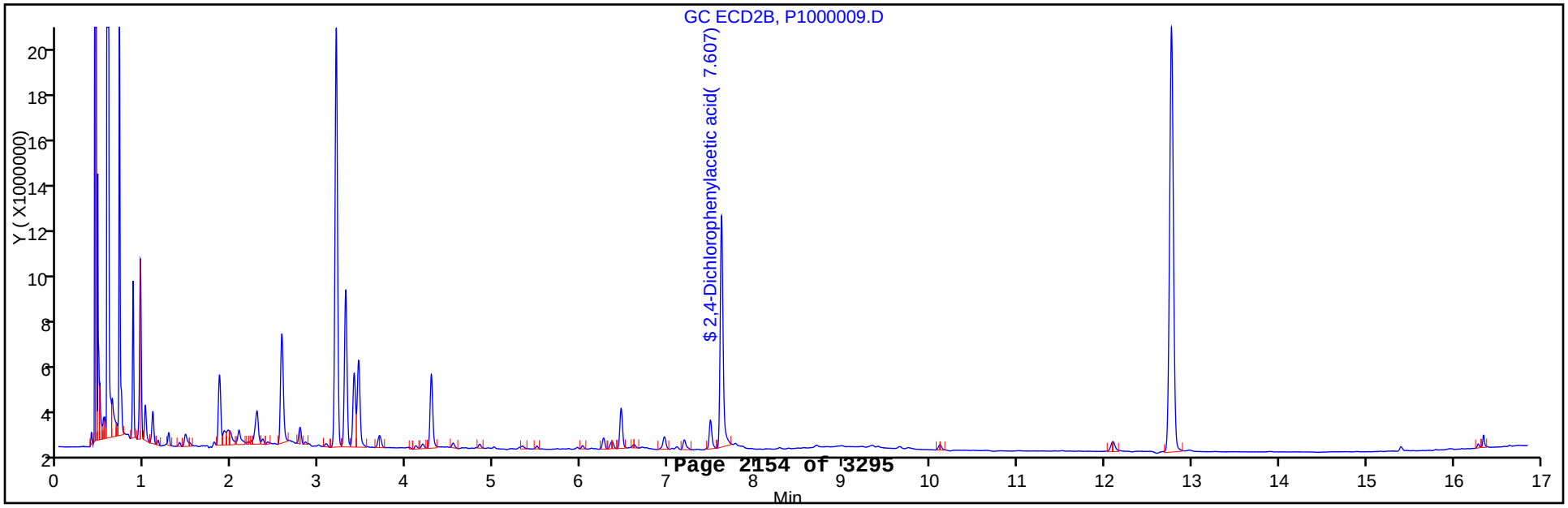
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000009.D		
Injection Date:	24-Dec-2012 18:03:26	Limit Group:	GC 8151 DOD
Client ID:	070-0057-0001-SOURCE WATER	Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	9
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0058-0001-IDW Lab Sample ID: 240-18735-5

Matrix: Solid (TCLP) Lab File ID: P1000029.D

Analysis Method: 8151/DOD Date Collected: 12/12/2012 13:30

Extraction Method: 8151A Date Extracted: 12/24/2012 10:38

Sample wt/vol: 100(mL) Date Analyzed: 01/01/2013 00:17

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.: 70766 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	74		37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000029.D
Lims ID: 240-18735-C-5-L Client ID: 070-0058-0001-IDW
Inject. Date: 01-Jan-2013 00:17:36 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016320-029
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 29
Lims Batch ID: 70766 Lims Sample ID: 29
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 07-Jan-2013 13:46:48 Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK030

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.229	1.237	-0.008	23071393	0.0504	
2	1.358	1.375	-0.017	6904885	0.0475	
					RPD = 5.95	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.966	6.961	0.005	21977374	0.1474	
2	7.616	7.613	0.003	10482163	0.1689	
					RPD = 13.55	
6 Dicamba						
1		7.127				
2		7.779				
10 MCPP						1
1		7.411				
2		7.964				
9 MCPA						
1		7.573				
2		8.216				
7 Dichlorprop						
1	7.946	7.945	0.001	3347037	0.0242	
2	8.584	8.575	0.009	417202	0.007914	
					RPD = 101.36	
2 2,4-D						
1		8.185				
2		8.933				
11 Pentachlorophenol						
1		8.274				
2		9.226				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1		9.060				
2		9.869				
1 2,4,5-T						1
1		9.376				
2		10.347				
3 2,4-DB						
1		10.007				
2		10.999				
8 Dinoseb						1
1		11.206				
2		11.373				

QC Flag Legend

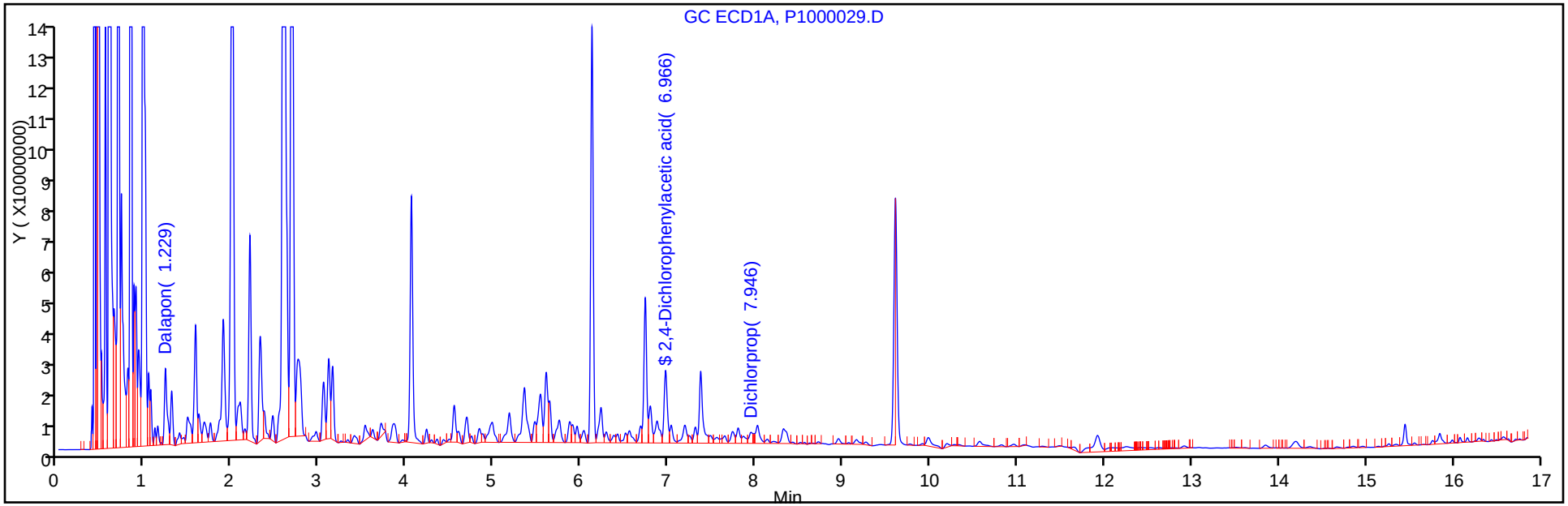
Processing Flags
1 - Missing Peaks

Report Date: 07-Jan-2013 13:46:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

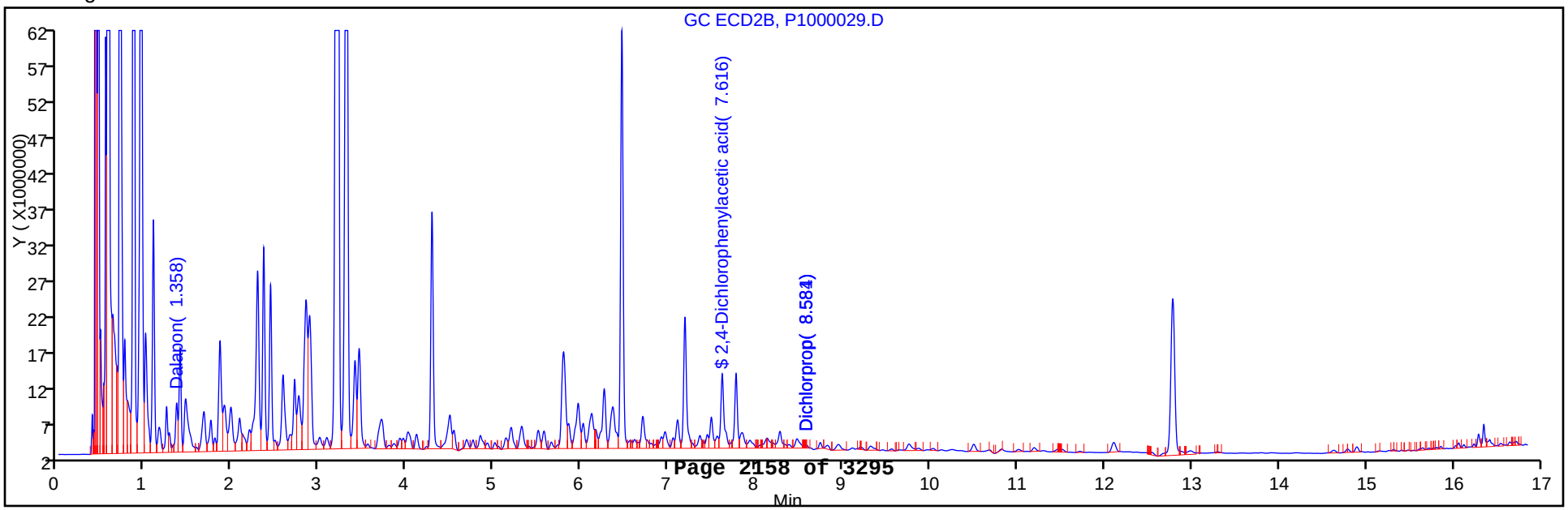
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000029.D		
Injection Date:	01-Jan-2013 00:17:36	Limit Group:	GC 8151 DOD
Client ID:	070-0058-0001-IDW	Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	29
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0058-0001-IDW | Lab Sample ID: 240-18735-5

Matrix: Solid (TCLP) | Lab File ID: P1000029.D

Analysis Method: 8151/DOD | Date Collected: 12/12/2012 13:30

Extraction Method: 8151A | Date Extracted: 12/24/2012 10:38

Sample wt/vol: 100(mL) | Date Analyzed: 01/01/2013 00:17

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.: 70766 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.00025	U	0.25	0.00025	0.00021
93-72-1	Silvex (2,4,5-TP)	0.00010	U	0.050	0.00010	0.00010

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	84		37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000029.D
Lims ID: 240-18735-C-5-L
Client ID: 070-0058-0001-IDW
Inject. Date: 01-Jan-2013 00:17:36
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0016320-029
Misc. Info.:
Operator: 001754
Instrument ID: A2HP1
Injection Vol: 1.0 ul
ALS Bottle#: 29
Lims Batch ID: 70766
Lims Sample ID: 29
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 07-Jan-2013 13:46:48
Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK030

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.229	1.237	-0.008	23071393	0.0504	
2	1.358	1.375	-0.017	6904885	0.0475	
					RPD = 5.95	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.966	6.961	0.005	21977374	0.1474	
2	7.616	7.613	0.003	10482163	0.1689	
					RPD = 13.55	
6 Dicamba						
1		7.127				
2		7.779				
10 MCPP						1
1		7.411				
2		7.964				
9 MCPA						
1		7.573				
2		8.216				
7 Dichlorprop						
1	7.946	7.945	0.001	3347037	0.0242	
2	8.584	8.575	0.009	417202	0.007914	
					RPD = 101.36	
2 2,4-D						
1		8.185				
2		8.933				
11 Pentachlorophenol						
1		8.274				
2		9.226				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12	Silvex (2,4,5-TP)					
1		9.060				
2		9.869				
1	2,4,5-T					1
1		9.376				
2		10.347				
3	2,4-DB					
1		10.007				
2		10.999				
8	Dinoseb					1
1		11.206				
2		11.373				

QC Flag Legend

Processing Flags
1 - Missing Peaks

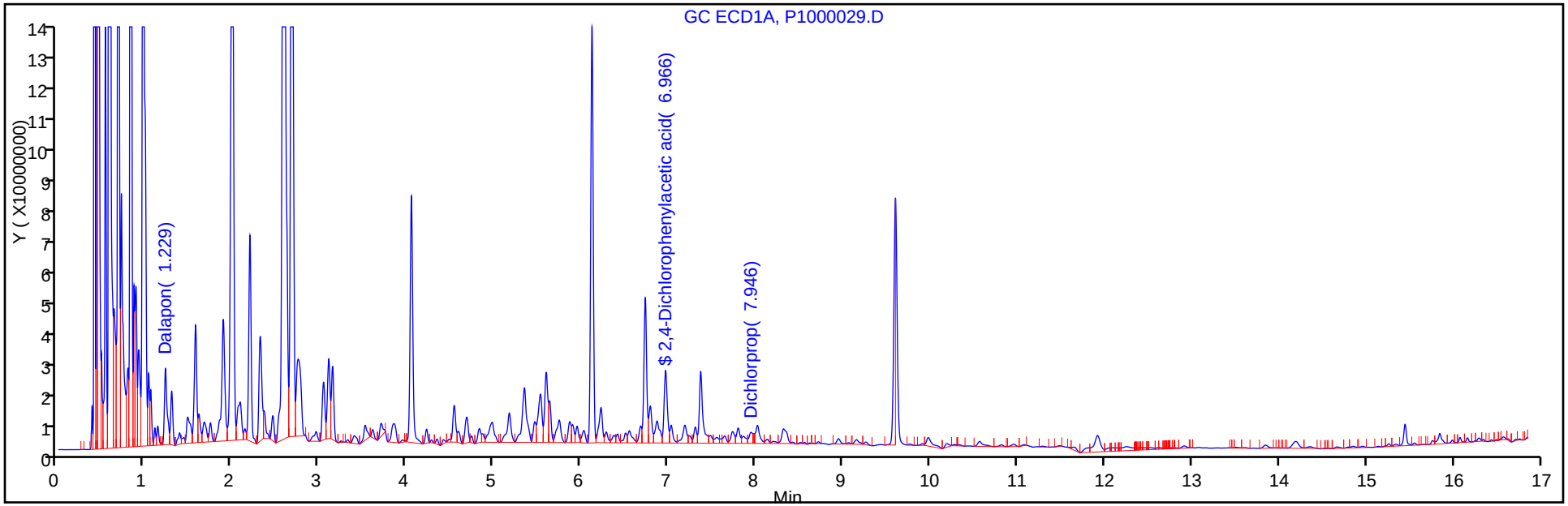
Report Date: 07-Jan-2013 13:46:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

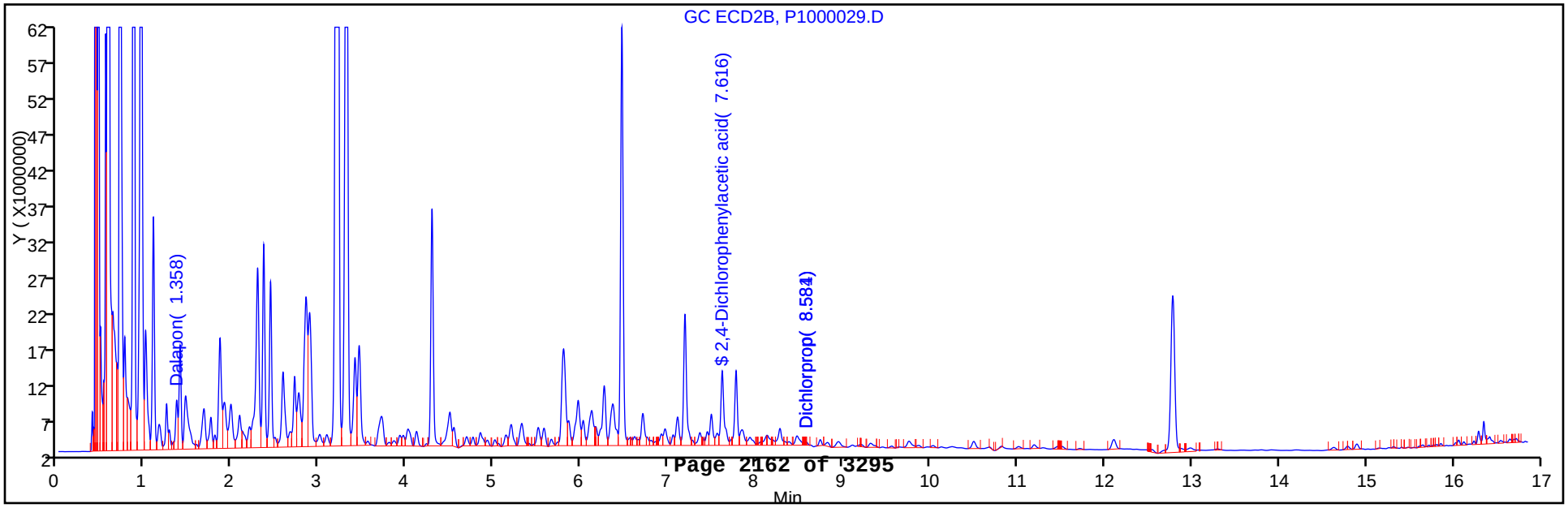
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Injection Date:	01-Jan-2013 00:17:36	Limit Group:	GC 8151 DOD
Client ID:	070-0058-0001-IDW	Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	29
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0059-0001-IDW Lab Sample ID: 240-18735-6

Matrix: Water (TCLP) Lab File ID: P1000031.D

Analysis Method: 8151/DOD Date Collected: 12/12/2012 13:30

Extraction Method: 8151A Date Extracted: 12/24/2012 10:38

Sample wt/vol: 100(mL) Date Analyzed: 01/01/2013 01:04

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.: 70766 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	66		37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000031.D		
Lims ID:	240-18735-F-6-I	Client ID:	070-0059-0001-IDW
Inject. Date:	01-Jan-2013 01:04:32	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016320-031		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	70766	Lims Sample ID:	31
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	07-Jan-2013 13:46:48	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK030		

First Level Reviewer: bolgrind Date: 02-Jan-2013 09:41:08

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 4 2,4-Dichlorophenylacetic acid						
1	6.965	6.961	0.004	19751568	0.1325	
2	7.616	7.613	0.003	9548515	0.1538	
					RPD = 14.89	
2 2,4-D						
1	8.200	8.185	0.015	2945213	0.0196	
2	8.946	8.933	0.013	240511	0.003879	
					RPD = 133.82	
11 Pentachlorophenol						
1		8.274				
2		9.226				
12 Silvex (2,4,5-TP)						
1		9.060				
2		9.869				
1 2,4,5-T						
1		9.376				
2		10.347				

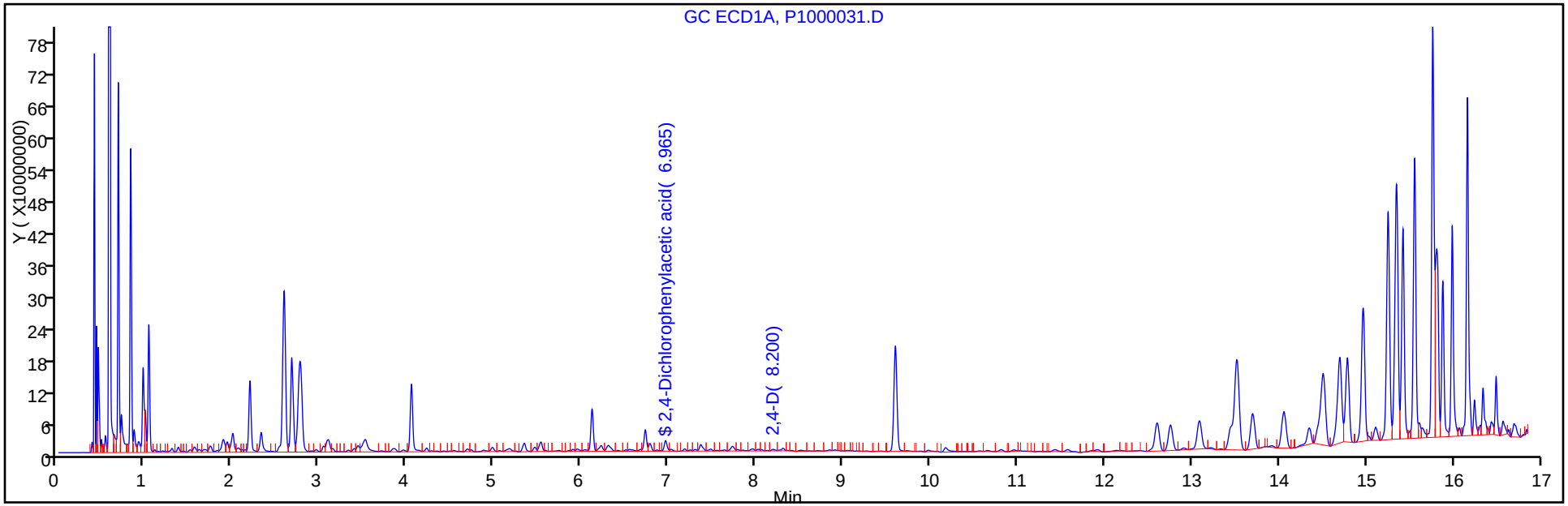
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TestAmerica Canton

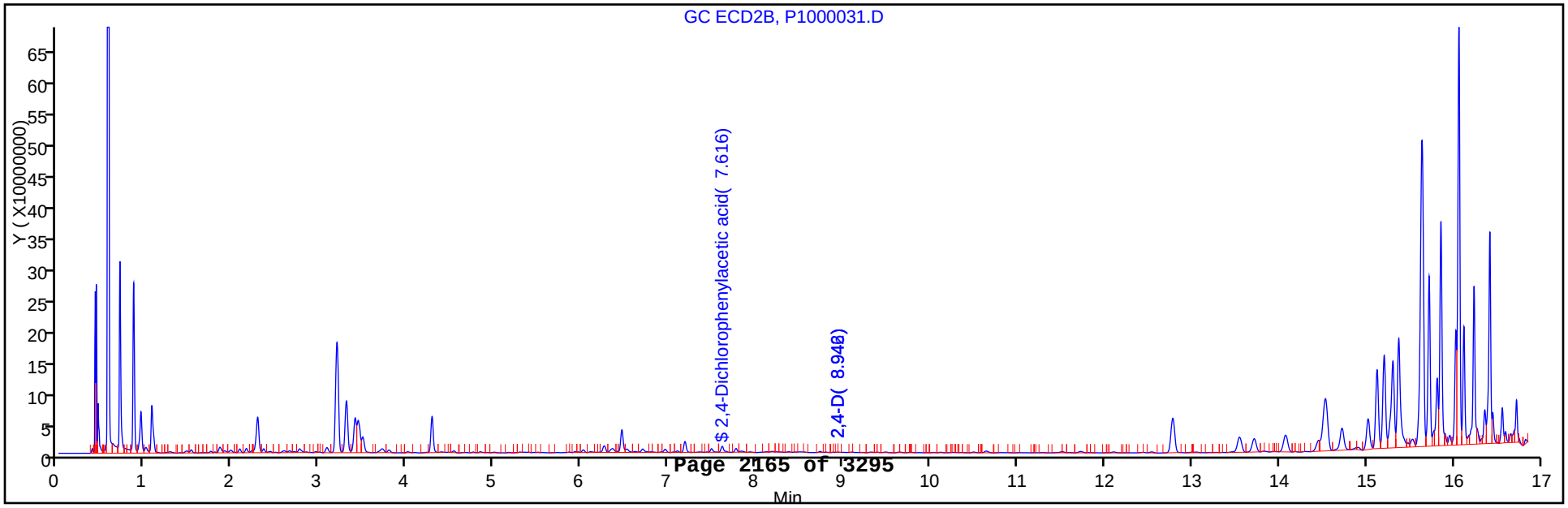
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000031.D

Injection Date:	01-Jan-2013 01:04:32	Limit Group:	GC 8151 DOD
Client ID:	070-0059-0001-IDW	Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	31
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: 070-0059-0001-IDW | Lab Sample ID: 240-18735-6

Matrix: Water (TCLP) | Lab File ID: P1000031.D

Analysis Method: 8151/DOD | Date Collected: 12/12/2012 13:30

Extraction Method: 8151A | Date Extracted: 12/24/2012 10:38

Sample wt/vol: 100(mL) | Date Analyzed: 01/01/2013 01:04

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.: 70766 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.00039	J	0.25	0.00025	0.00021
93-72-1	Silvex (2,4,5-TP)	0.00010	U	0.050	0.00010	0.00010

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	77		37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000031.D		
Lims ID:	240-18735-F-6-I	Client ID:	070-0059-0001-IDW
Inject. Date:	01-Jan-2013 01:04:32	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0016320-031		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	70766	Lims Sample ID:	31
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	07-Jan-2013 13:46:48	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK030		

First Level Reviewer: bolgrind Date: 02-Jan-2013 09:41:08

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
$ 4 2,4-Dichlorophenylacetic acid						
1	6.965	6.961	0.004	19751568	0.1325	
2	7.616	7.613	0.003	9548515	0.1538	
					RPD = 14.89	
2 2,4-D						
1	8.200	8.185	0.015	2945213	0.0196	
2	8.946	8.933	0.013	240511	0.003879	
					RPD = 133.82	
11 Pentachlorophenol						
1		8.274				
2		9.226				
12 Silvex (2,4,5-TP)						
1		9.060				
2		9.869				
1 2,4,5-T						
1		9.376				
2		10.347				

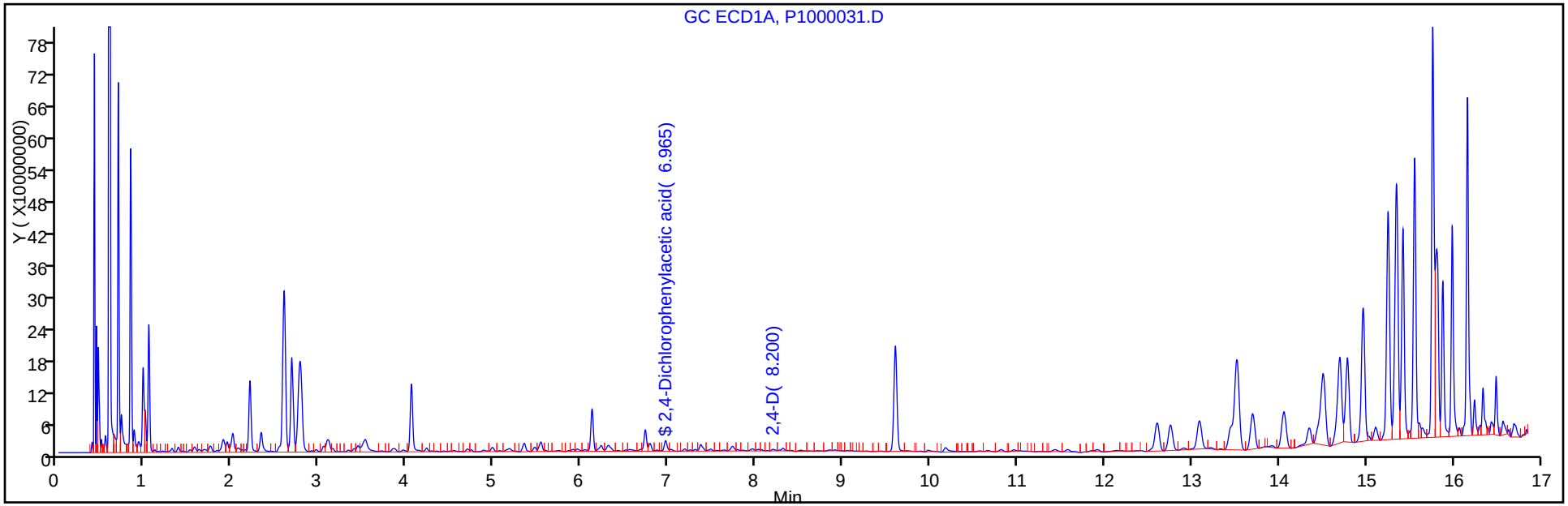
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TestAmerica Canton

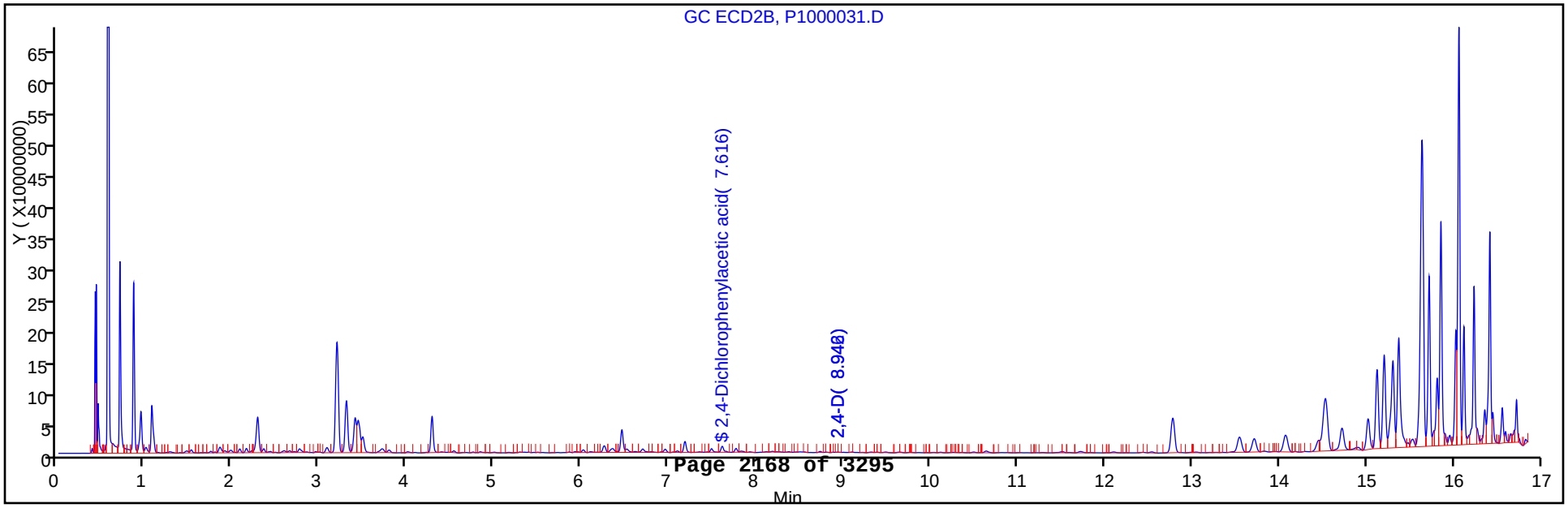
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000031.D

Injection Date:	01-Jan-2013 01:04:32	Limit Group:	GC 8151 DOD
Client ID:	070-0059-0001-IDW	Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	31
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 58097

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 13:18 Calibration End Date: 09/18/2012 15:16 Calibration ID: 11460

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-58097/10	P1000010.D
Level 2	STD 240-58097/11	P1000011.D
Level 3	STD 240-58097/12	P1000012.D
Level 4	STD 240-58097/13	P1000013.D
Level 5	STD 240-58097/14	P1000014.D
Level 6	STD 240-58097/15	P1000015.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Pentachlorophenol	8.312	8.312	8.312	8.312	8.313	8.311					8.292 - 8.332	8.312

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 58097

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 13:18 Calibration End Date: 09/18/2012 15:16 Calibration ID: 11460

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-58097/10	P1000010.D
Level 2	STD 240-58097/11	P1000011.D
Level 3	STD 240-58097/12	P1000012.D
Level 4	STD 240-58097/13	P1000013.D
Level 5	STD 240-58097/14	P1000014.D
Level 6	STD 240-58097/15	P1000015.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Pentachlorophenol	6199692000 1836692000	1746500400 1559328288	1757540900	1942834700	Lin1	2208018.84	1628490553							0.9920		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 58097

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 13:18 Calibration End Date: 09/18/2012 15:16 Calibration ID: 11460

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-58097/10	P1000010.D
Level 2	STD 240-58097/11	P1000011.D
Level 3	STD 240-58097/12	P1000012.D
Level 4	STD 240-58097/13	P1000013.D
Level 5	STD 240-58097/14	P1000014.D
Level 6	STD 240-58097/15	P1000015.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Pentachlorophenol	Lin1	3099846 124746263	8732502	17575409	38856694	73467680	0.000500 0.0800	0.00500	0.0100	0.0200	0.0400

Curve Type Legend:
Lin1 = Linear 1/Conc by Height

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000010.D		
Lims ID:	STD PCP1	Client ID:	
Inject. Date:	18-Sep-2012 13:18:53	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0013294-010		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	58097	Lims Sample ID:	10
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:11	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:40:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						M
1	8.312	8.312	0.000	3099846	0.000548	
2	9.273	9.274	-0.001	1067921	0.000601	M
					RPD = 9.32	

QC Flag Legend

Review Flags
M - Manually Integrated

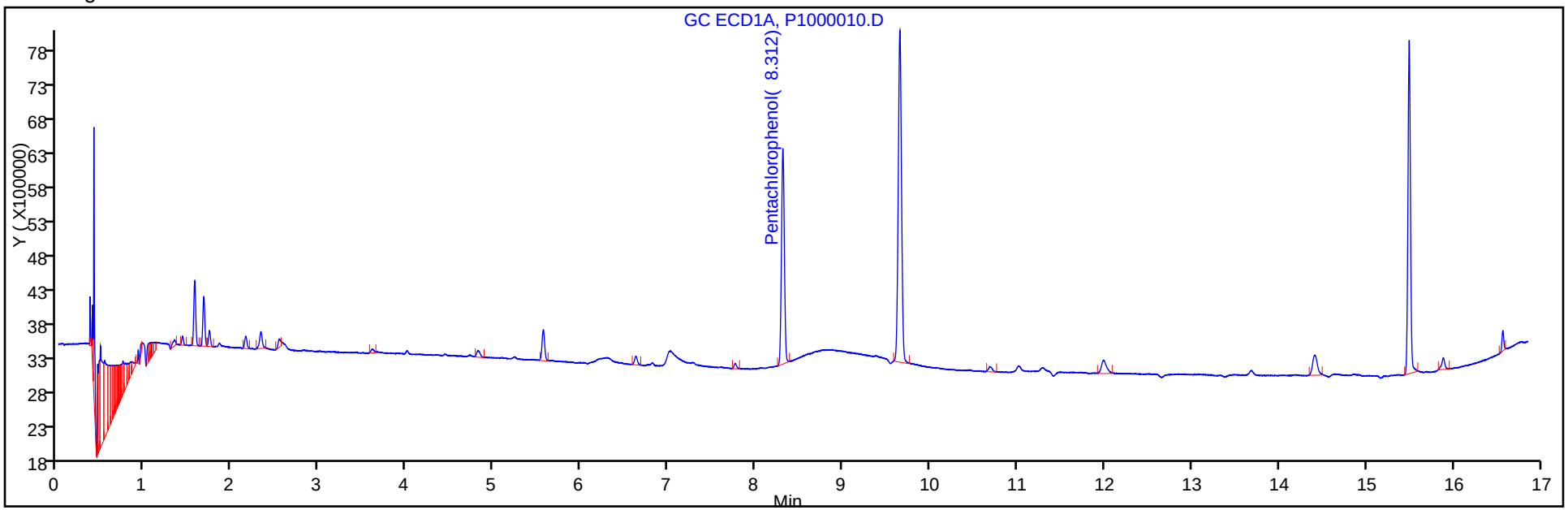
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TestAmerica Canton

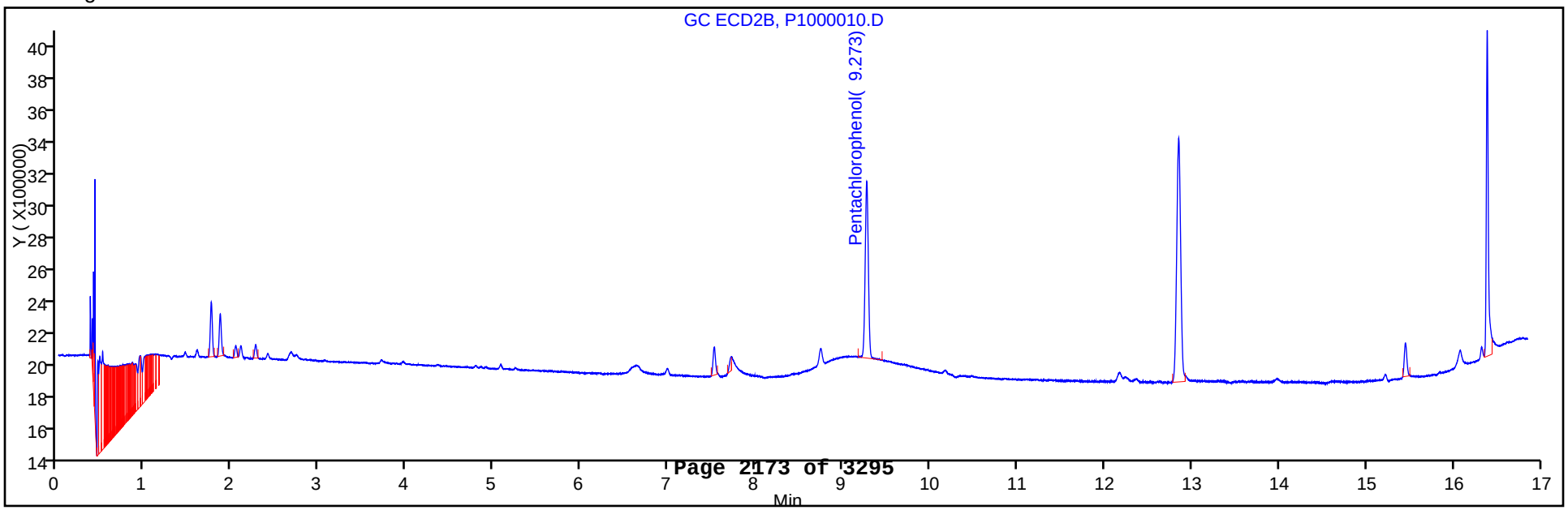
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000010.D

Injection Date:	18-Sep-2012 13:18:53	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

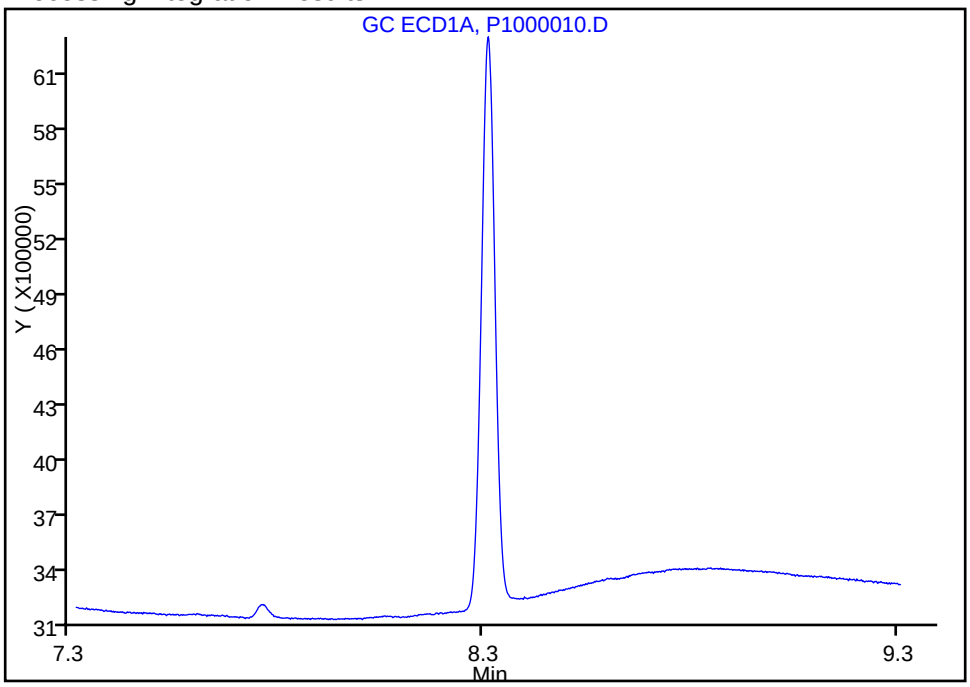
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000010.D		
Injection Date:	18-Sep-2012 13:18:53	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Pentachlorophenol, Signal: 1, Type: quant, RT: 8.31, Det: GC ECD1A

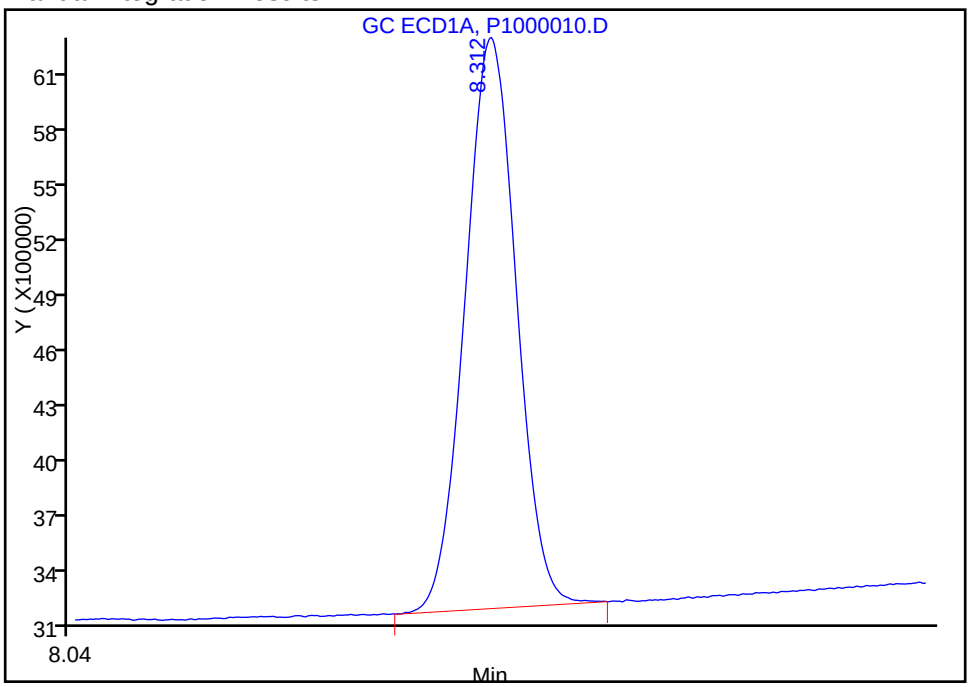
Not Detected
Expected RT: 8.31

Processing Integration Results



Manual Integration Results

RT: 8.31
Response: 3099846
Amount: 0.000548



Reviewer: roachc, 18-Sep-2012 19:40:00
Audit Action: Assigned Compound ID
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000011.D		
Lims ID:	STD PCP2	Client ID:	
Inject. Date:	18-Sep-2012 13:42:37	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0013294-011		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	58097	Lims Sample ID:	11
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:12	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:40:24

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						M
1	8.312	8.312	0.000	8732502	0.004006	
2	9.273	9.274	-0.001	3415013	0.003923	M
					RPD = 2.11	

QC Flag Legend

Review Flags
M - Manually Integrated

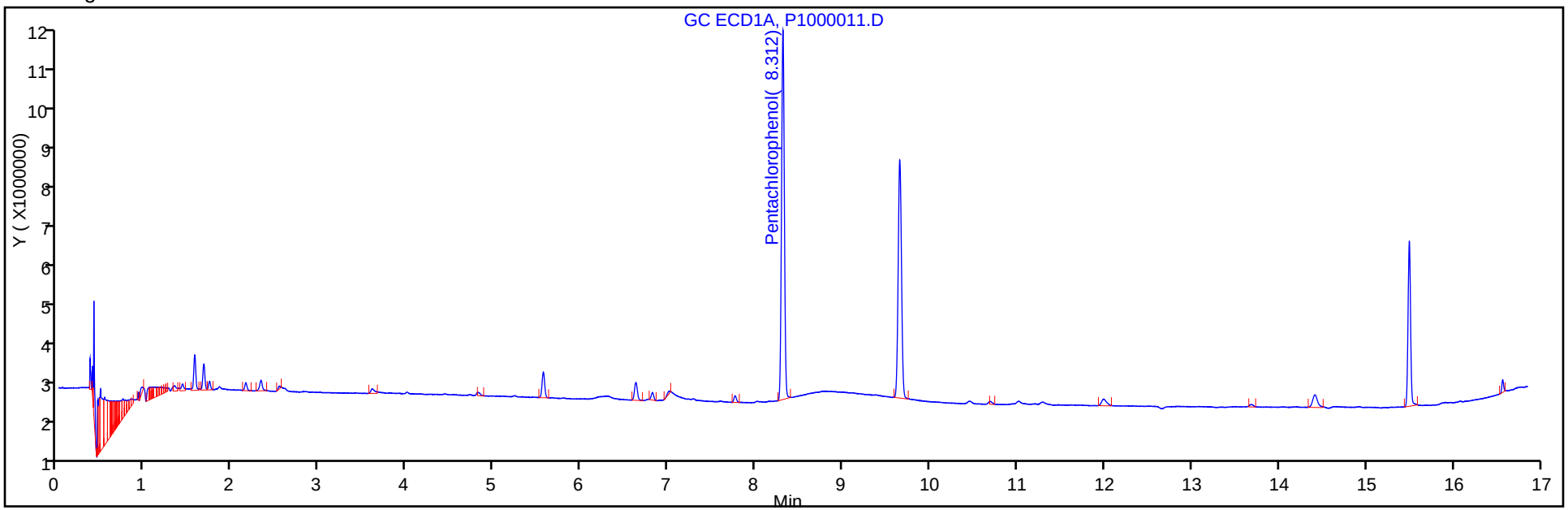
Report Date: 18-Sep-2012 19:47:13 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

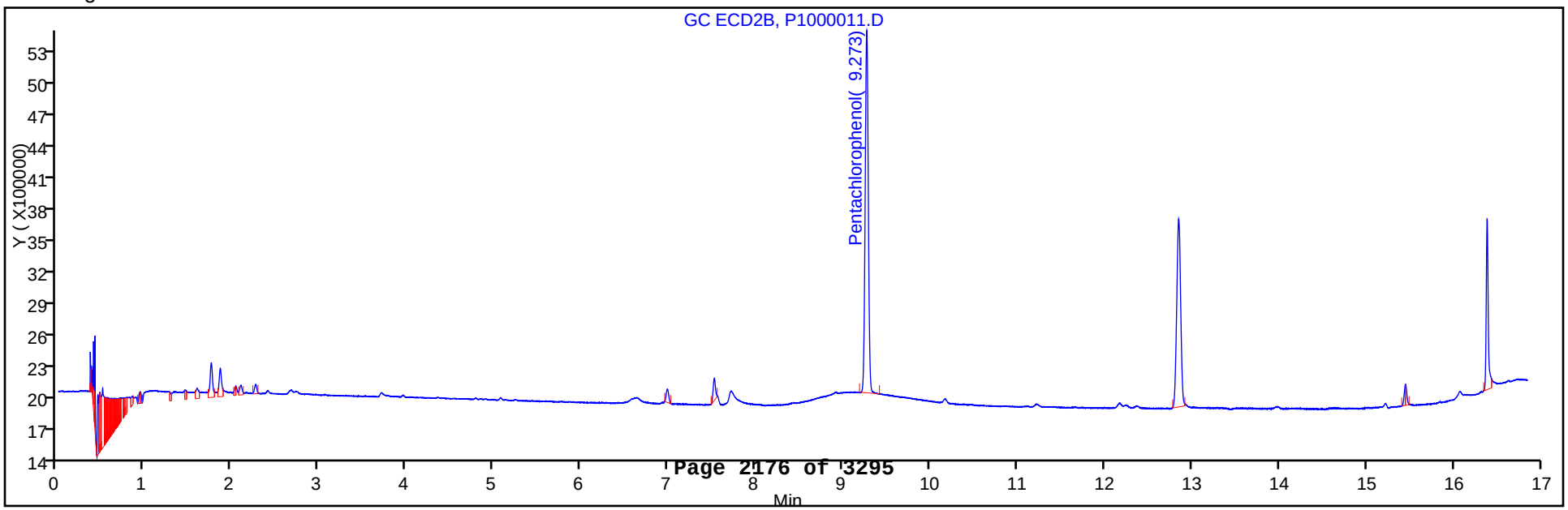
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000011.D

Injection Date:	18-Sep-2012 13:42:37	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	11
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000012.D		
Lims ID:	STD PCP3	Client ID:	
Inject. Date:	18-Sep-2012 14:06:09	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0013294-012		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	58097	Lims Sample ID:	12
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:13	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.312	8.312	0.000	17575409	0.009437	
2	9.274	9.274	0.000	6966343	0.008949	
					RPD = 5.31	

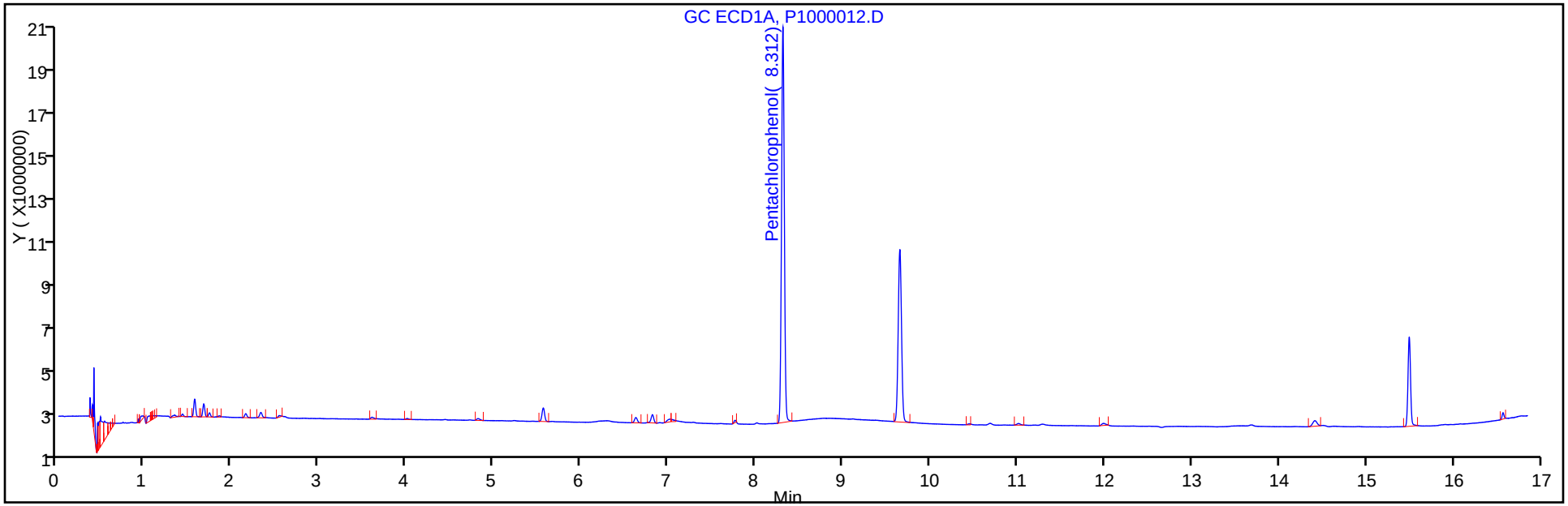
Report Date: 18-Sep-2012 19:47:14 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

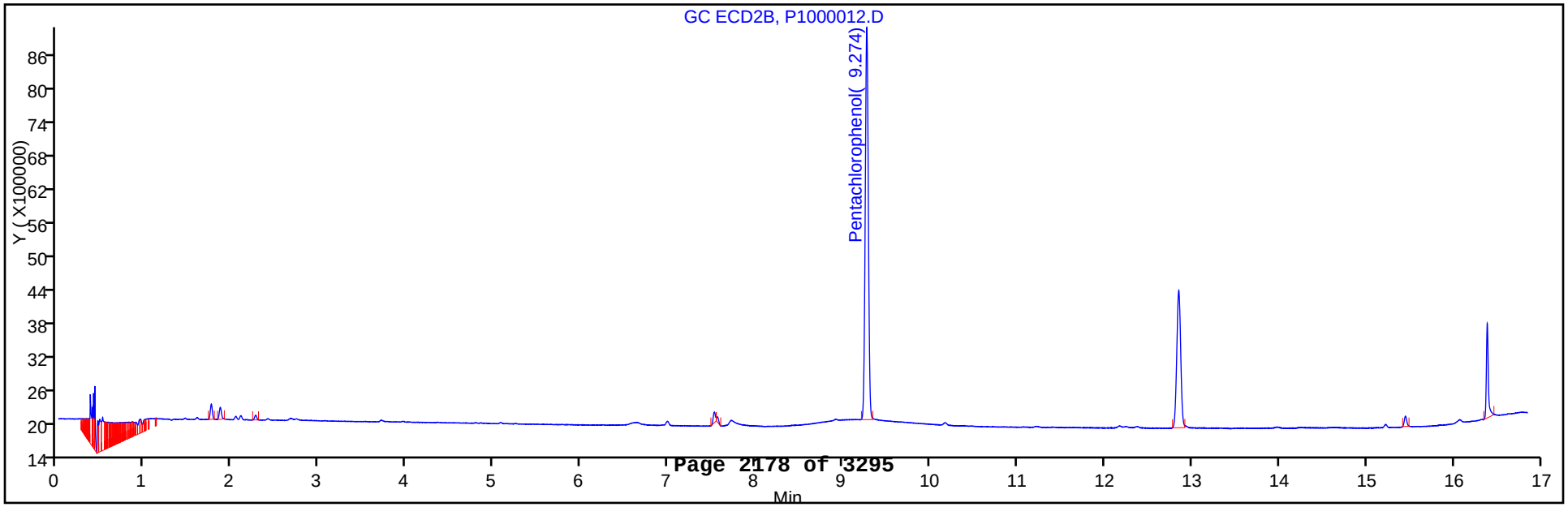
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000012.D

Injection Date:	18-Sep-2012 14:06:09	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	12
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000013.D		
Lims ID:	STD PCP4	Client ID:	
Inject. Date:	18-Sep-2012 14:29:41	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0013294-013		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	58097	Lims Sample ID:	13
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:14	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:42:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.312	8.312	0.000	38856694	0.0225	
2	9.275	9.274	0.001	15675254	0.0213	
					RPD = 5.62	

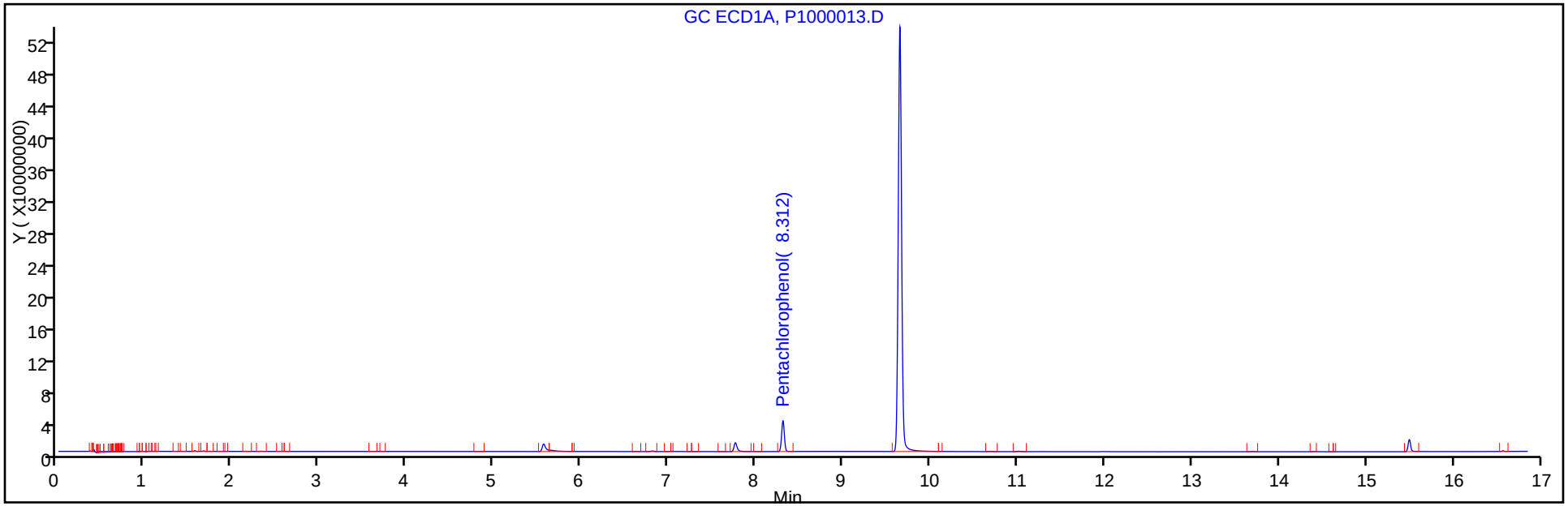
Report Date: 18-Sep-2012 19:47:15 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

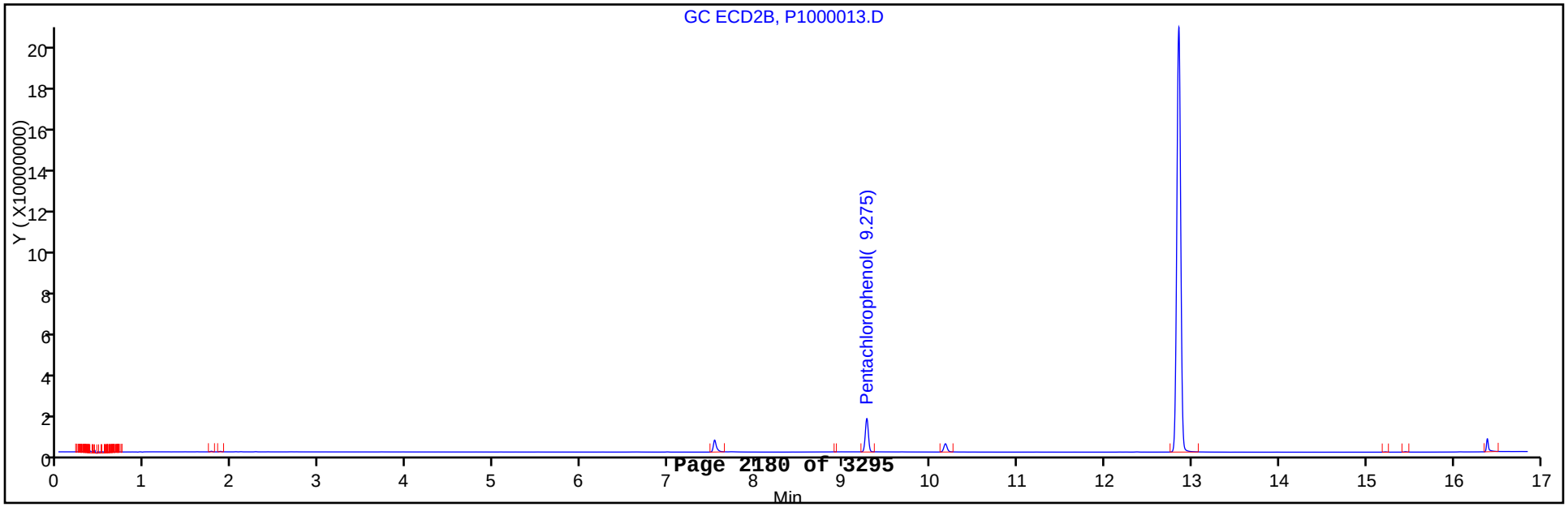
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000013.D

Injection Date:	18-Sep-2012 14:29:41	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	13
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000014.D		
Lims ID:	STD PCP5	Client ID:	
Inject. Date:	18-Sep-2012 14:53:17	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0013294-014		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	58097	Lims Sample ID:	14
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:15	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:42:13

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.313	8.312	0.001	73467680	0.0438	
2	9.273	9.274	-0.001	31458044	0.0436	
					RPD = 0.34	

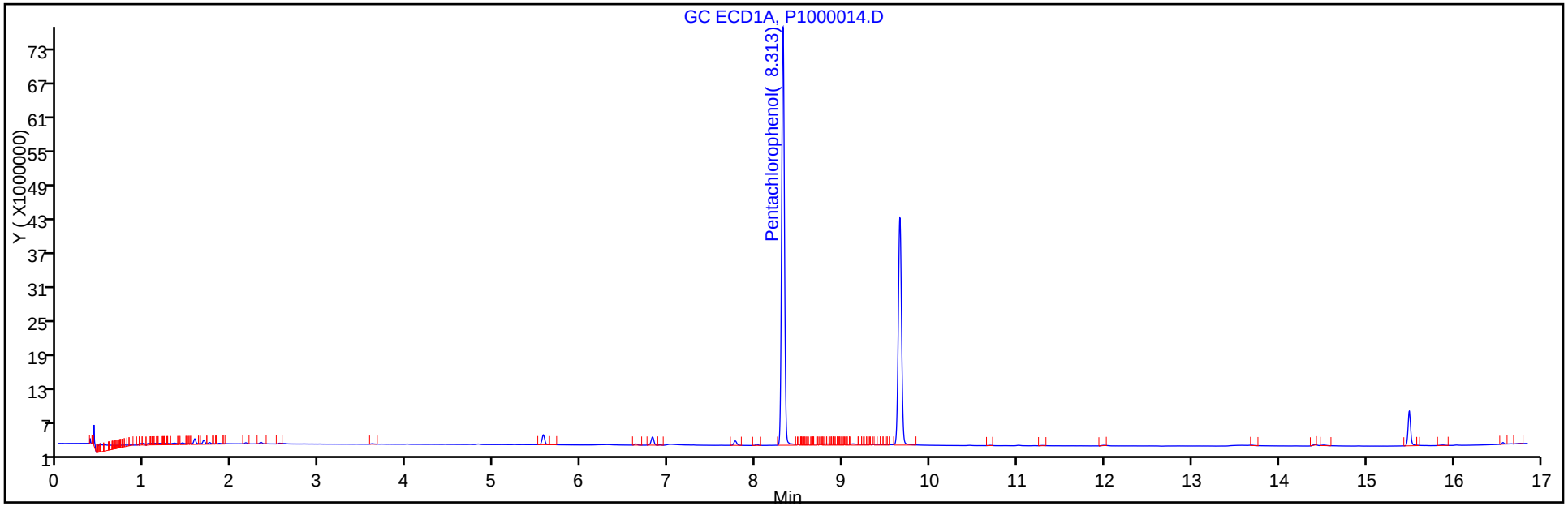
Report Date: 18-Sep-2012 19:47:16 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

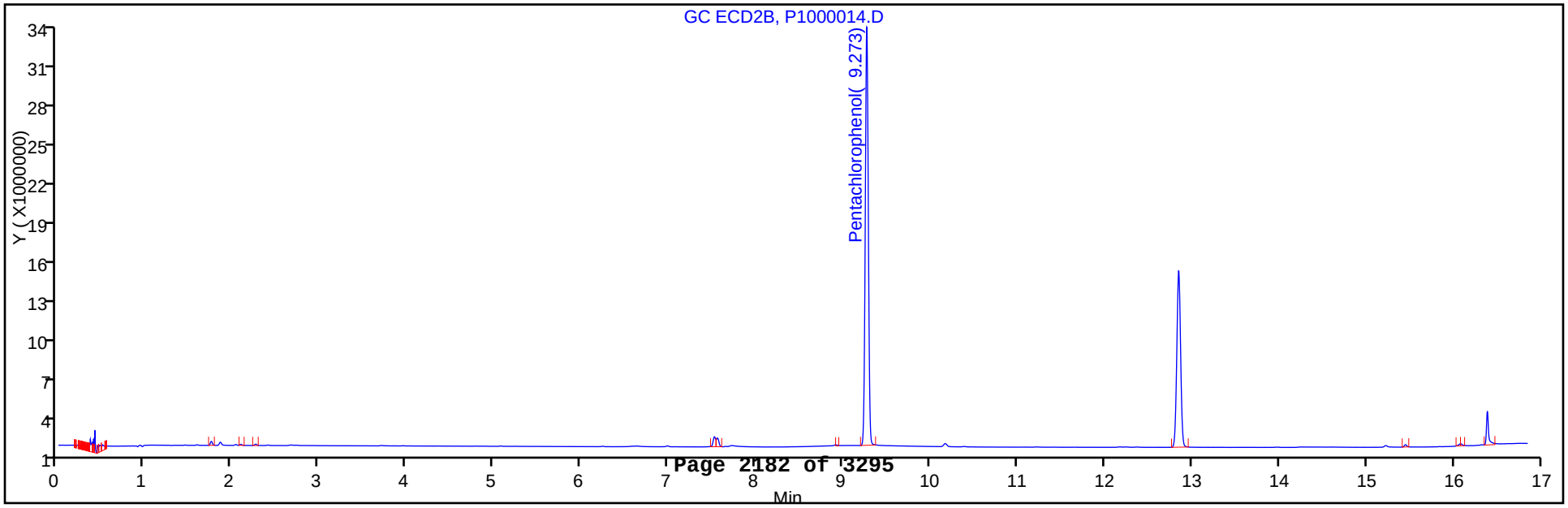
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000014.D

Injection Date:	18-Sep-2012 14:53:17	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	14
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Lims ID:	STD PCP6	Client ID:	
Inject. Date:	18-Sep-2012 15:16:51	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0013294-015		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	58097	Lims Sample ID:	15
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:16	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:42:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.311	8.312	-0.001	124746263	0.0752	
2	9.275	9.274	0.001	55152449	0.0771	
					RPD = 2.49	

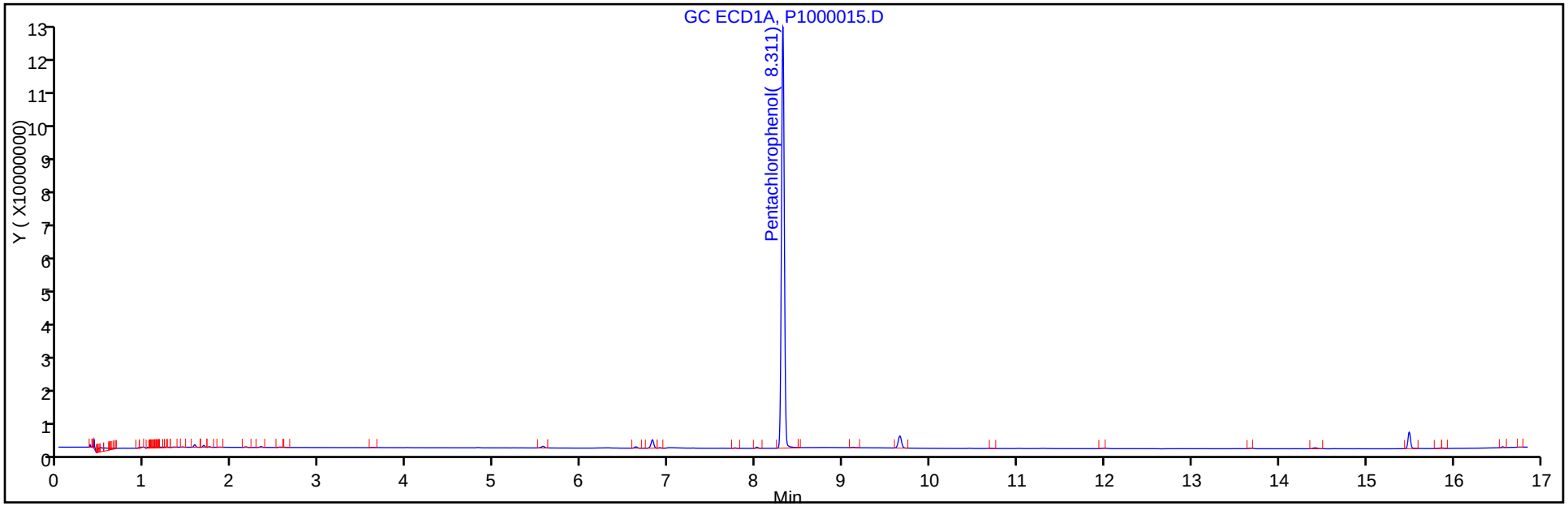
Report Date: 18-Sep-2012 19:47:16 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

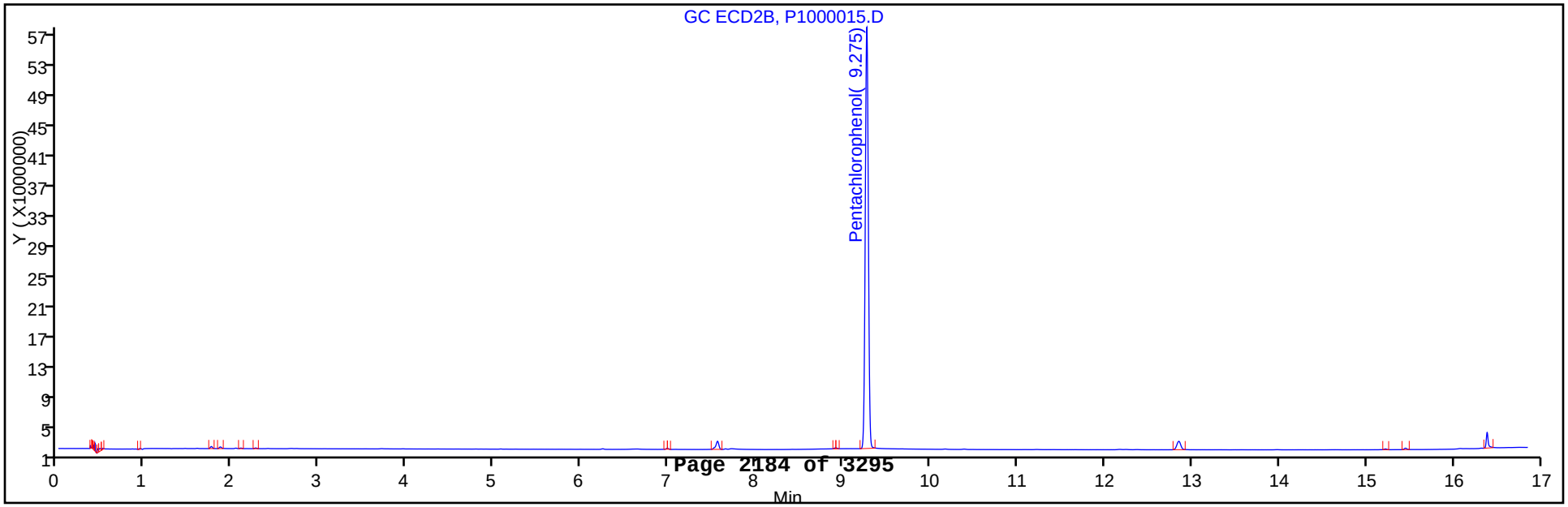
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D

Injection Date:	18-Sep-2012 15:16:51	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	15
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 58097

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 13:18 Calibration End Date: 09/18/2012 15:16 Calibration ID: 11461

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-58097/10	P1000010.D
Level 2	STD 240-58097/11	P1000011.D
Level 3	STD 240-58097/12	P1000012.D
Level 4	STD 240-58097/13	P1000013.D
Level 5	STD 240-58097/14	P1000014.D
Level 6	STD 240-58097/15	P1000015.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Pentachlorophenol	9.273	9.273	9.274	9.275	9.273	9.275					9.254 - 9.294	9.274

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 58097

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 13:18 Calibration End Date: 09/18/2012 15:16 Calibration ID: 11461

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-58097/10	P1000010.D
Level 2	STD 240-58097/11	P1000011.D
Level 3	STD 240-58097/12	P1000012.D
Level 4	STD 240-58097/13	P1000013.D
Level 5	STD 240-58097/14	P1000014.D
Level 6	STD 240-58097/15	P1000015.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Pentachlorophenol	2135842000 786451100	683002600 689405613	696634300	783762700	Lin1	643142.801	706599146							0.9940		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 58097

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/18/2012 13:18 Calibration End Date: 09/18/2012 15:16 Calibration ID: 11461

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-58097/10	P1000010.D
Level 2	STD 240-58097/11	P1000011.D
Level 3	STD 240-58097/12	P1000012.D
Level 4	STD 240-58097/13	P1000013.D
Level 5	STD 240-58097/14	P1000014.D
Level 6	STD 240-58097/15	P1000015.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Pentachlorophenol	Lin1	1067921 55152449	3415013	6966343	15675254	31458044	0.000500 0.0800	0.00500	0.0100	0.0200	0.0400

Curve Type Legend:
Lin1 = Linear 1/Conc by Height

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000010.D		
Lims ID:	STD PCP1	Client ID:	
Inject. Date:	18-Sep-2012 13:18:53	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0013294-010		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	58097	Lims Sample ID:	10
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:11	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:40:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						M
1	8.312	8.312	0.000	3099846	0.000548	
2	9.273	9.274	-0.001	1067921	0.000601	M
					RPD = 9.32	

QC Flag Legend

Review Flags
M - Manually Integrated

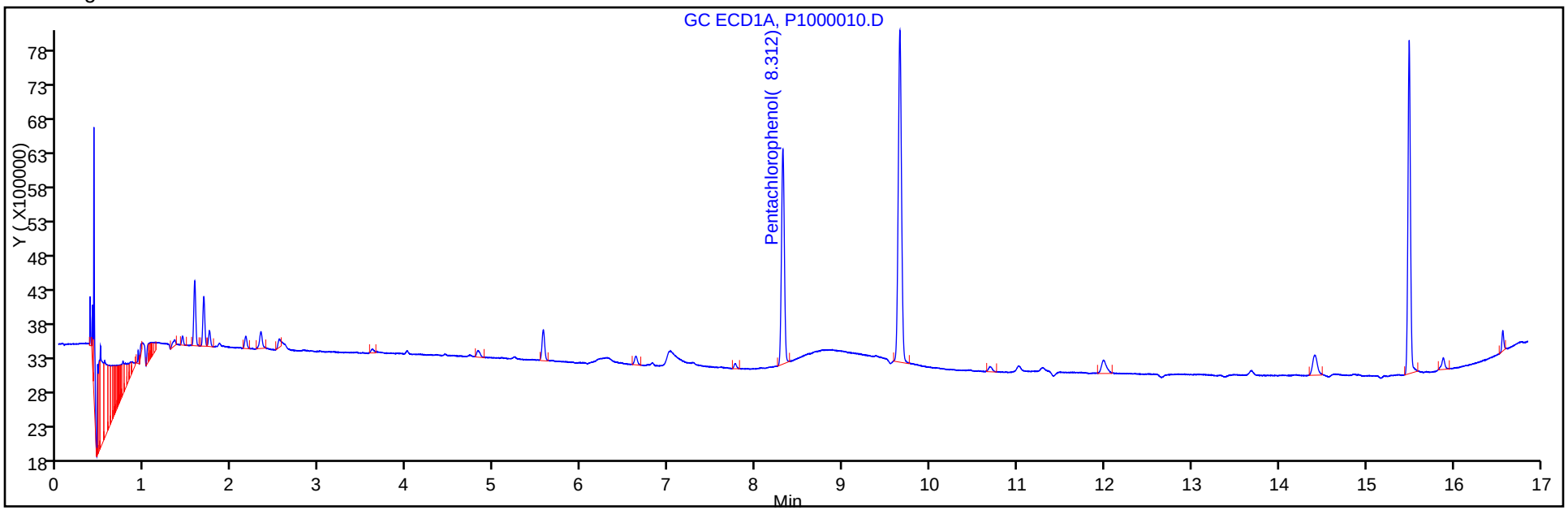
Report Date: 18-Sep-2012 19:47:12 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

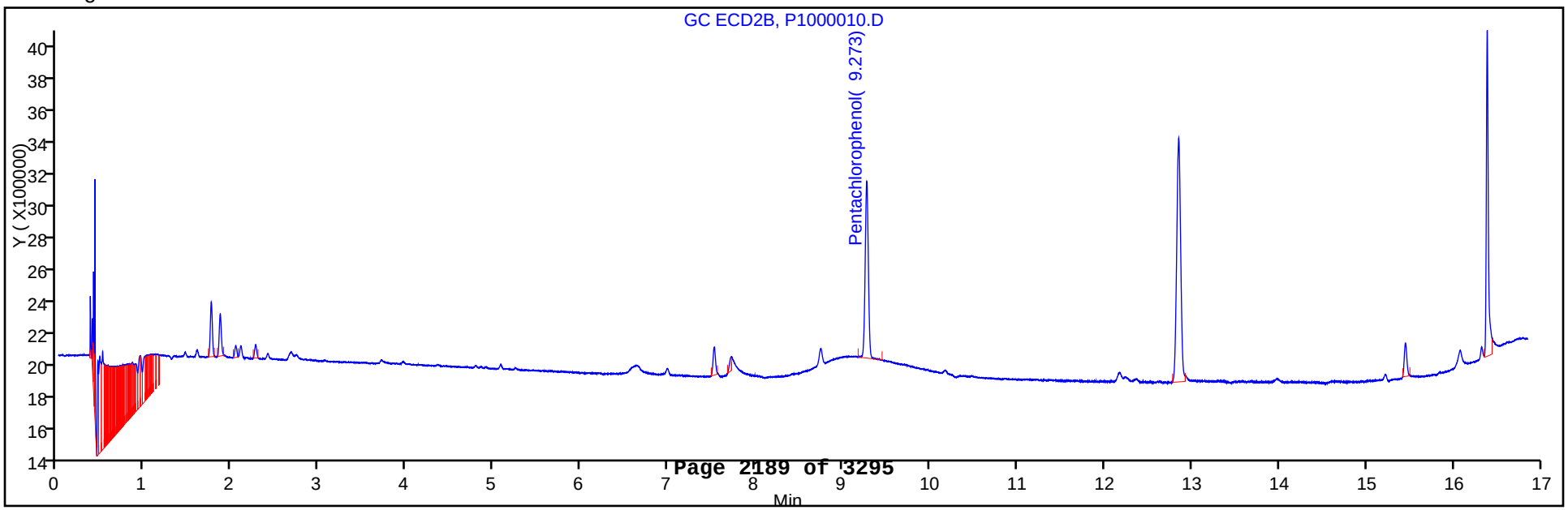
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000010.D

Injection Date:	18-Sep-2012 13:18:53	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

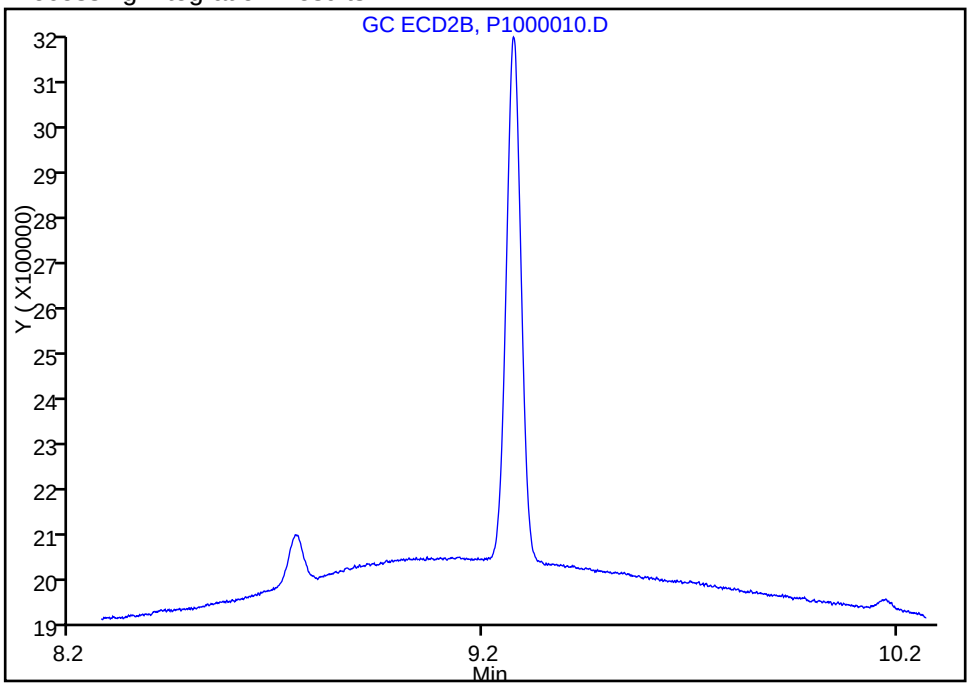
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000010.D		
Injection Date:	18-Sep-2012 13:18:53	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Pentachlorophenol, Signal: 2, Type: quant, RT: 9.27, Det: GC ecd2b

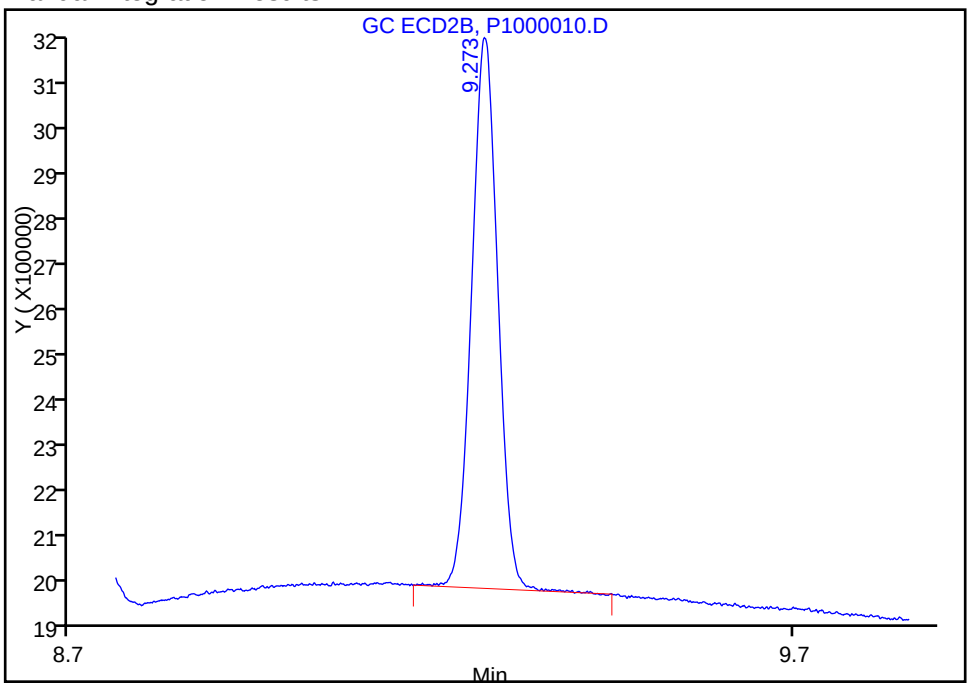
Not Detected
Expected RT: 9.27

Processing Integration Results



Manual Integration Results

RT: 9.27
Response: 1067921
Amount: 0.000601



Reviewer: roachc, 18-Sep-2012 19:40:00
Audit Action: Manually Integrated/Assigned Compound ID
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000011.D		
Lims ID:	STD PCP2	Client ID:	
Inject. Date:	18-Sep-2012 13:42:37	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0013294-011		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	58097	Lims Sample ID:	11
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:12	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:40:24

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						M
1	8.312	8.312	0.000	8732502	0.004006	
2	9.273	9.274	-0.001	3415013	0.003923	M
					RPD = 2.11	

QC Flag Legend

Review Flags
M - Manually Integrated

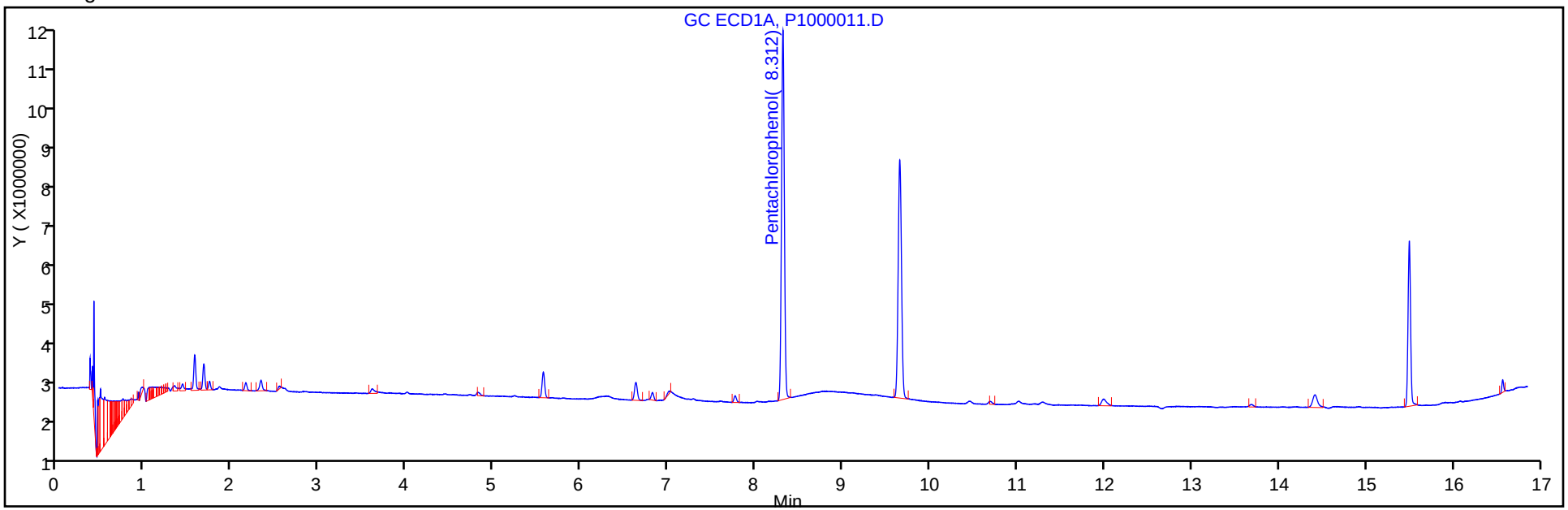
Report Date: 18-Sep-2012 19:47:13 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

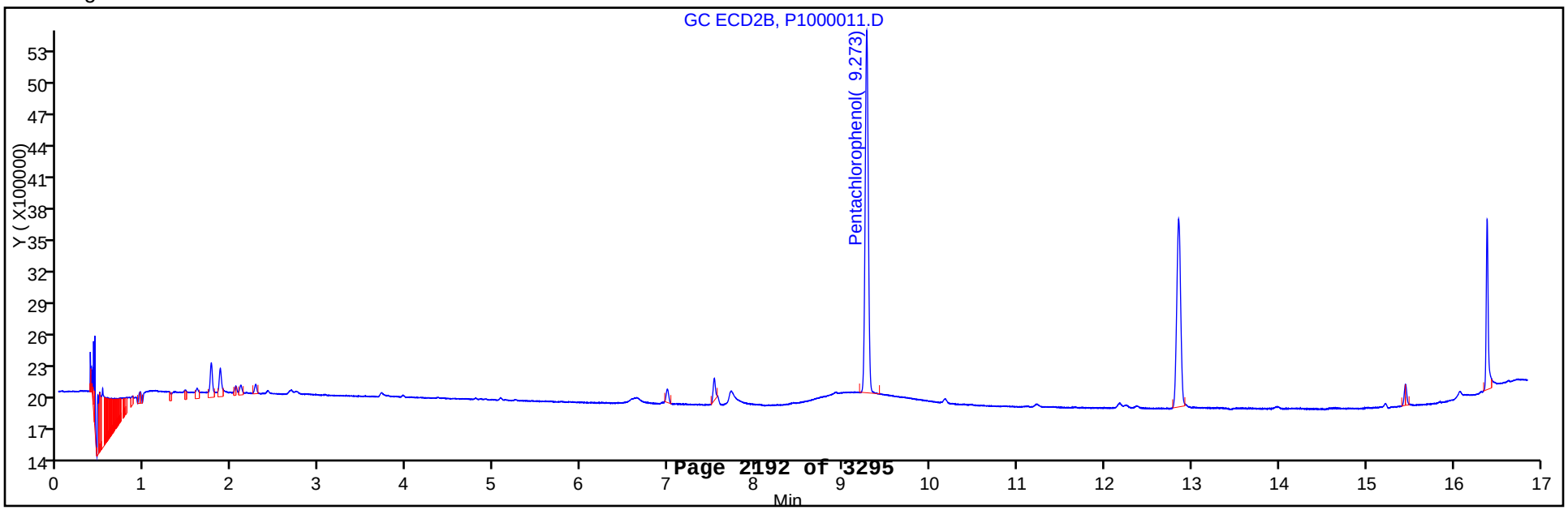
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000011.D

Injection Date:	18-Sep-2012 13:42:37	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	11
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

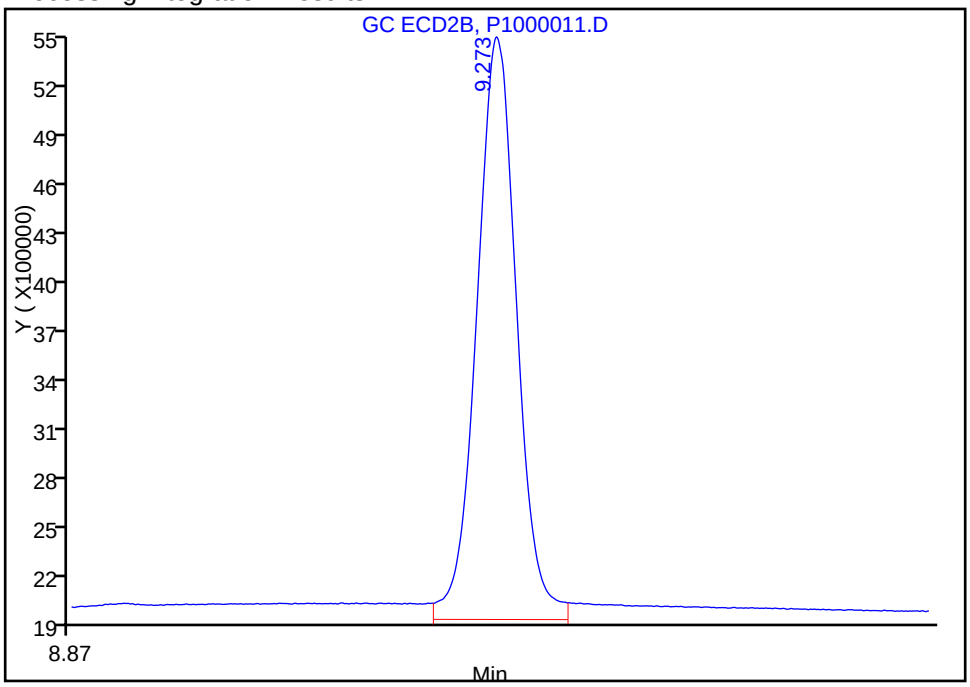
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000011.D		
Injection Date:	18-Sep-2012 13:42:37	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	11
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Pentachlorophenol, Signal: 2, Type: quant, RT: 9.27, Det: GC ecd2b

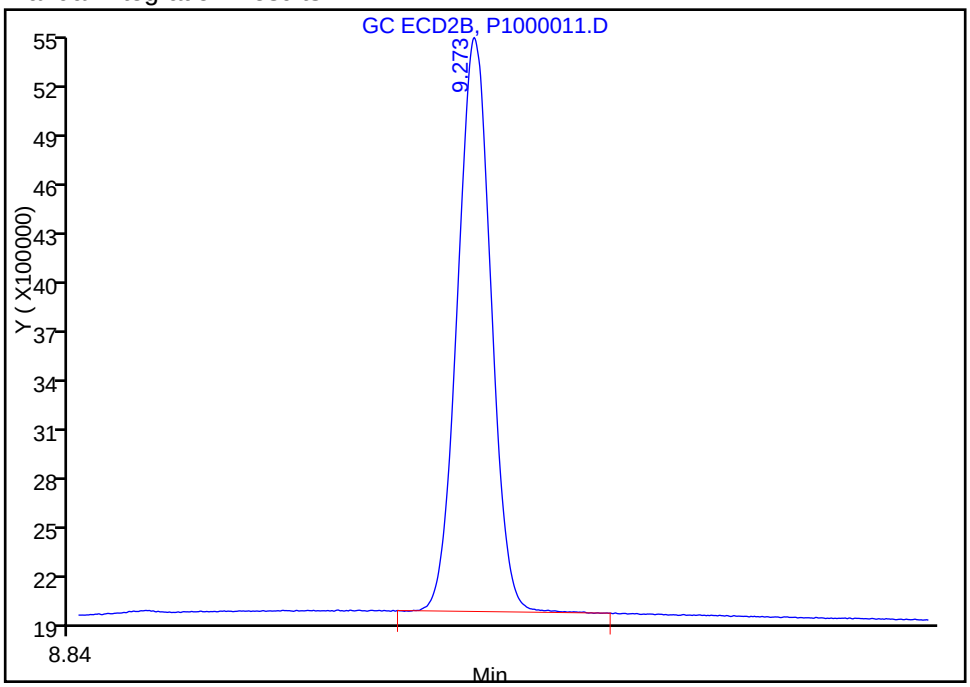
Processing Integration Results

RT: 9.27
Response: 3506411
Amount: 0.004409



Manual Integration Results

RT: 9.27
Response: 3415013
Amount: 0.003923



Reviewer: roachc, 18-Sep-2012 19:40:24
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000012.D		
Lims ID:	STD PCP3	Client ID:	
Inject. Date:	18-Sep-2012 14:06:09	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0013294-012		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	58097	Lims Sample ID:	12
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:13	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.312	8.312	0.000	17575409	0.009437	
2	9.274	9.274	0.000	6966343	0.008949	
					RPD = 5.31	

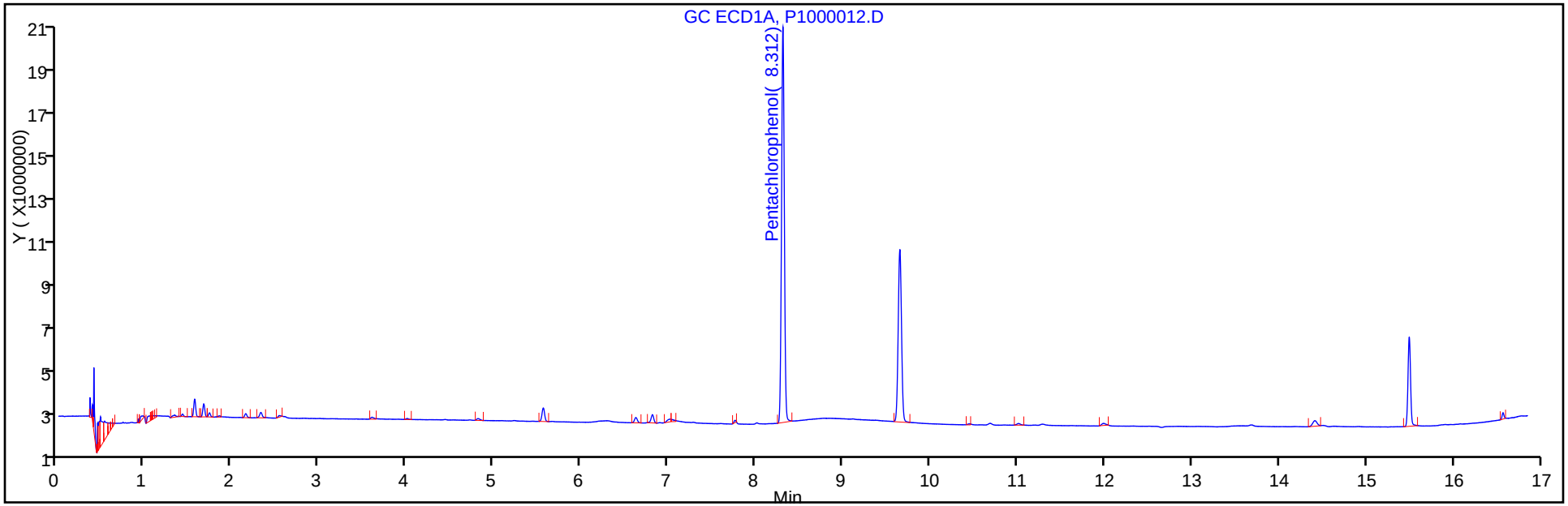
Report Date: 18-Sep-2012 19:47:14 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

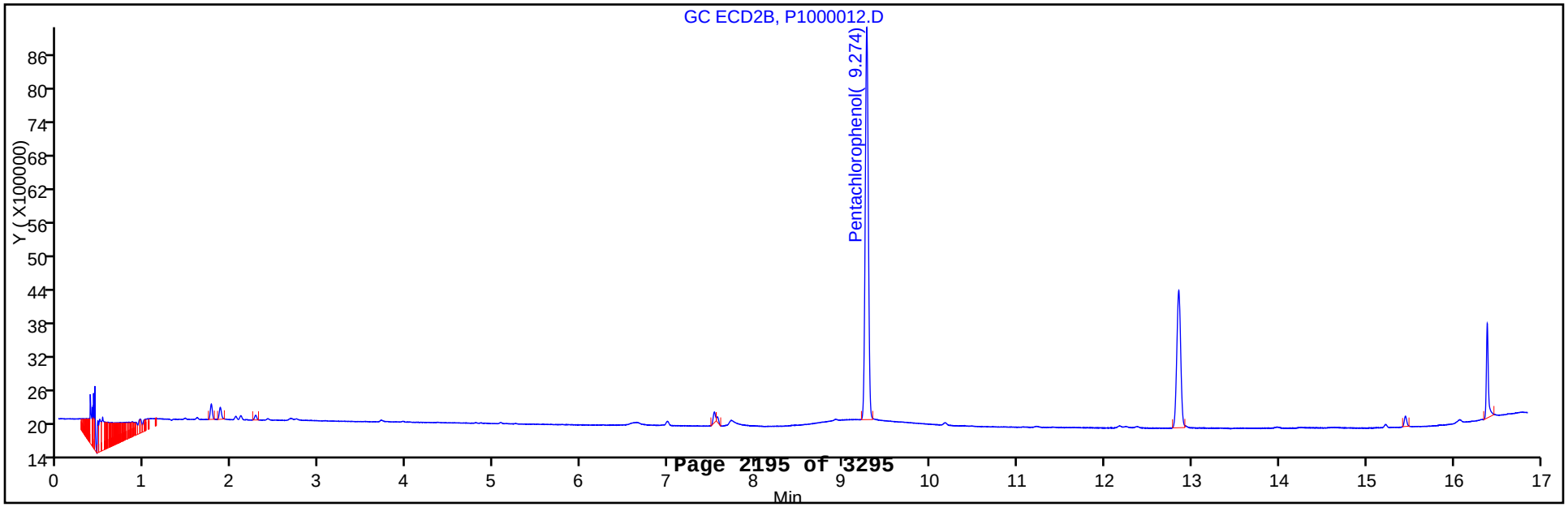
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000012.D

Injection Date:	18-Sep-2012 14:06:09	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	12
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000013.D		
Lims ID:	STD PCP4	Client ID:	
Inject. Date:	18-Sep-2012 14:29:41	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0013294-013		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	58097	Lims Sample ID:	13
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:14	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:42:04

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.312	8.312	0.000	38856694	0.0225	
2	9.275	9.274	0.001	15675254	0.0213	
					RPD = 5.62	

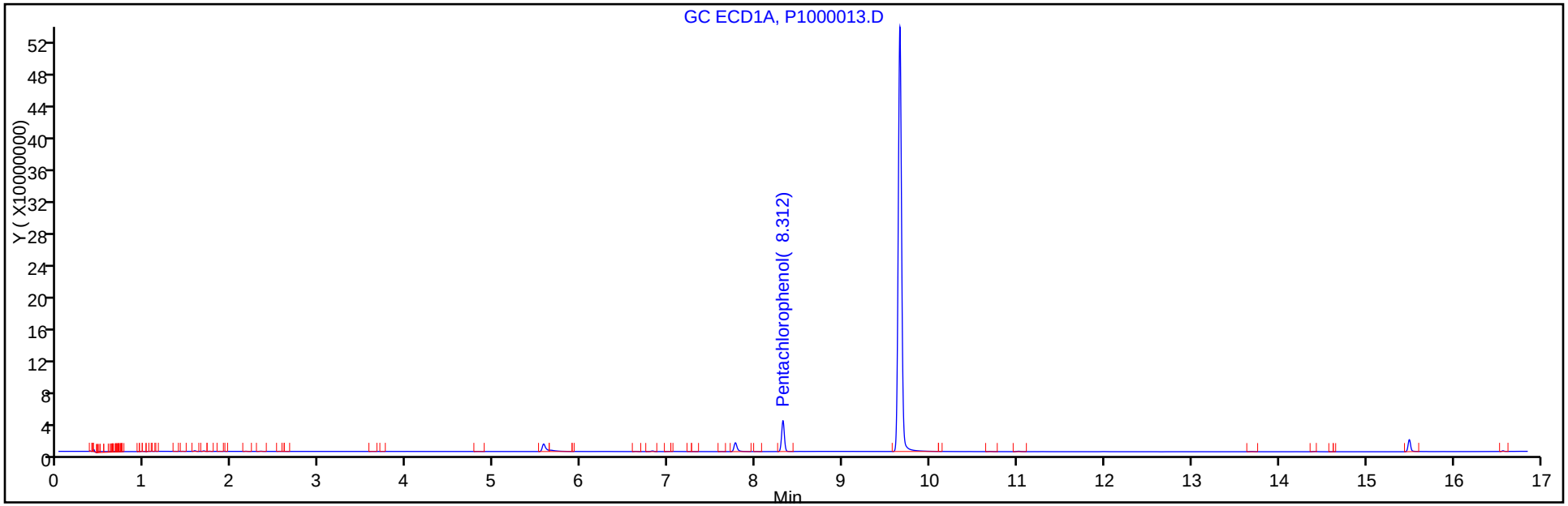
Report Date: 18-Sep-2012 19:47:15 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

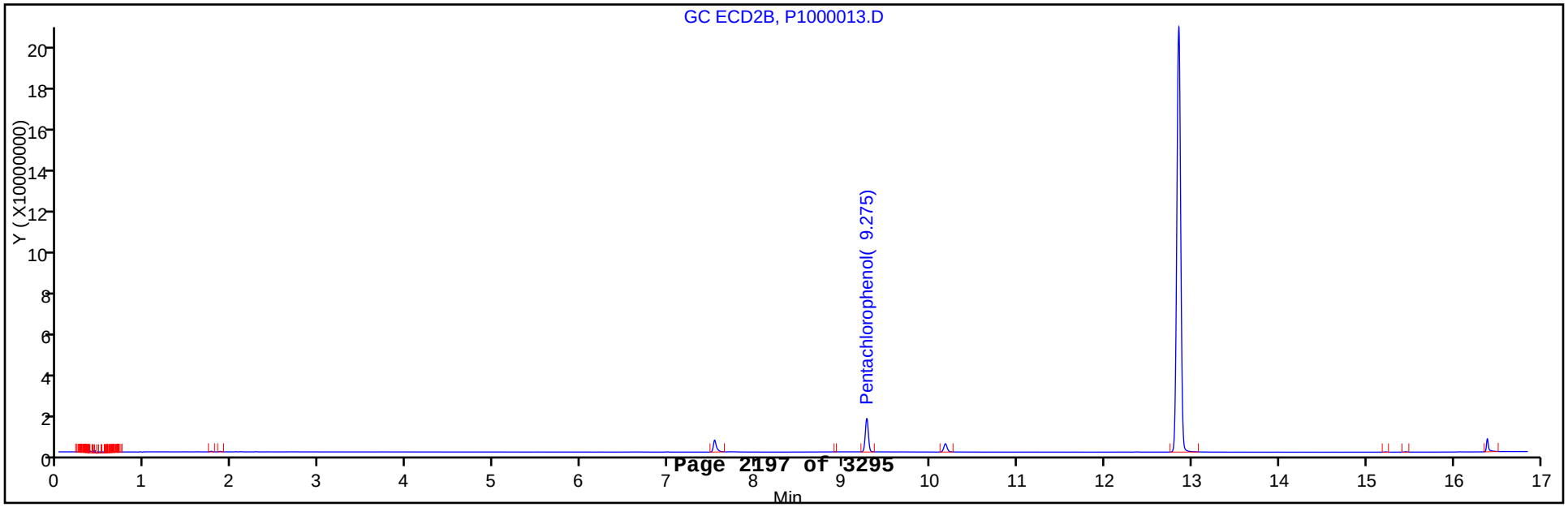
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000013.D

Injection Date:	18-Sep-2012 14:29:41	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	13
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000014.D		
Lims ID:	STD PCP5	Client ID:	
Inject. Date:	18-Sep-2012 14:53:17	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0013294-014		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	58097	Lims Sample ID:	14
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:15	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:42:13

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.313	8.312	0.001	73467680	0.0438	
2	9.273	9.274	-0.001	31458044	0.0436	
					RPD = 0.34	

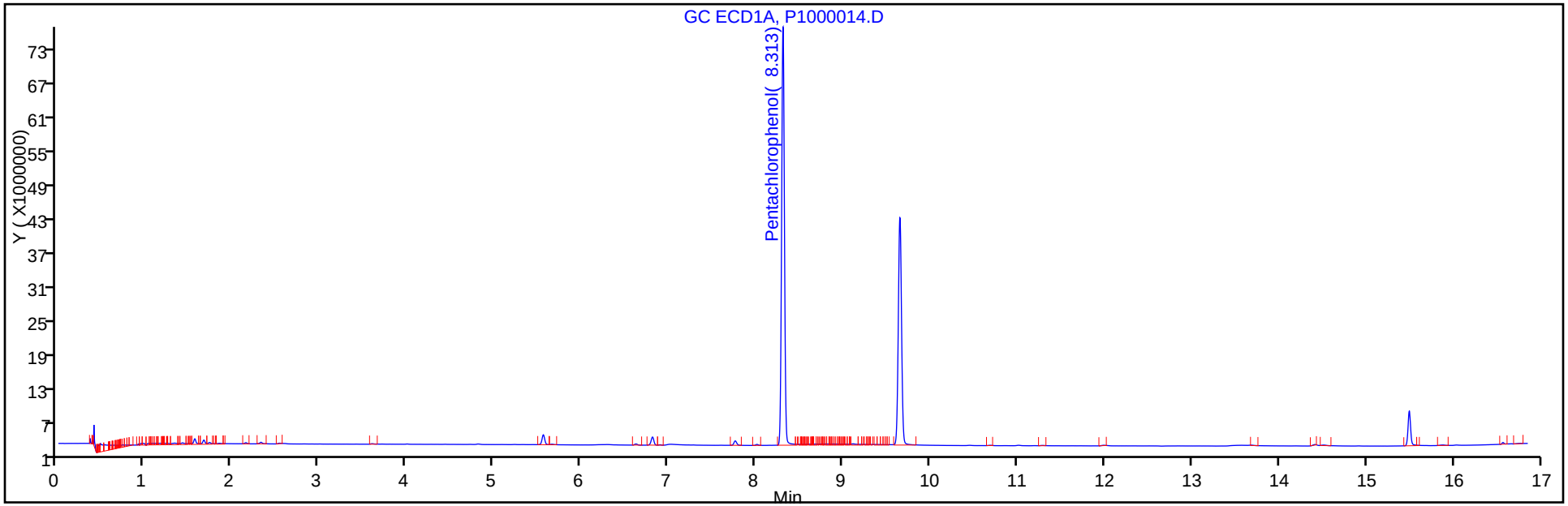
Report Date: 18-Sep-2012 19:47:16 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

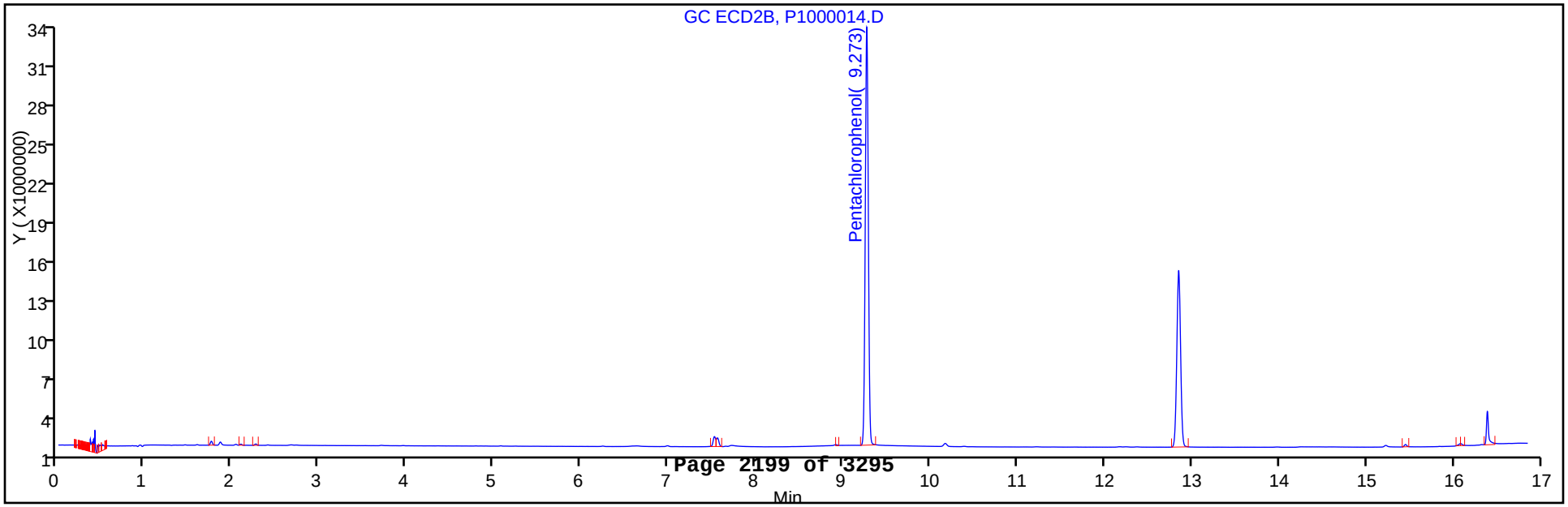
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000014.D

Injection Date:	18-Sep-2012 14:53:17	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	14
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Lims ID:	STD PCP6	Client ID:	
Inject. Date:	18-Sep-2012 15:16:51	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0013294-015		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	58097	Lims Sample ID:	15
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:16	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:42:23

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.311	8.312	-0.001	124746263	0.0752	
2	9.275	9.274	0.001	55152449	0.0771	
					RPD = 2.49	

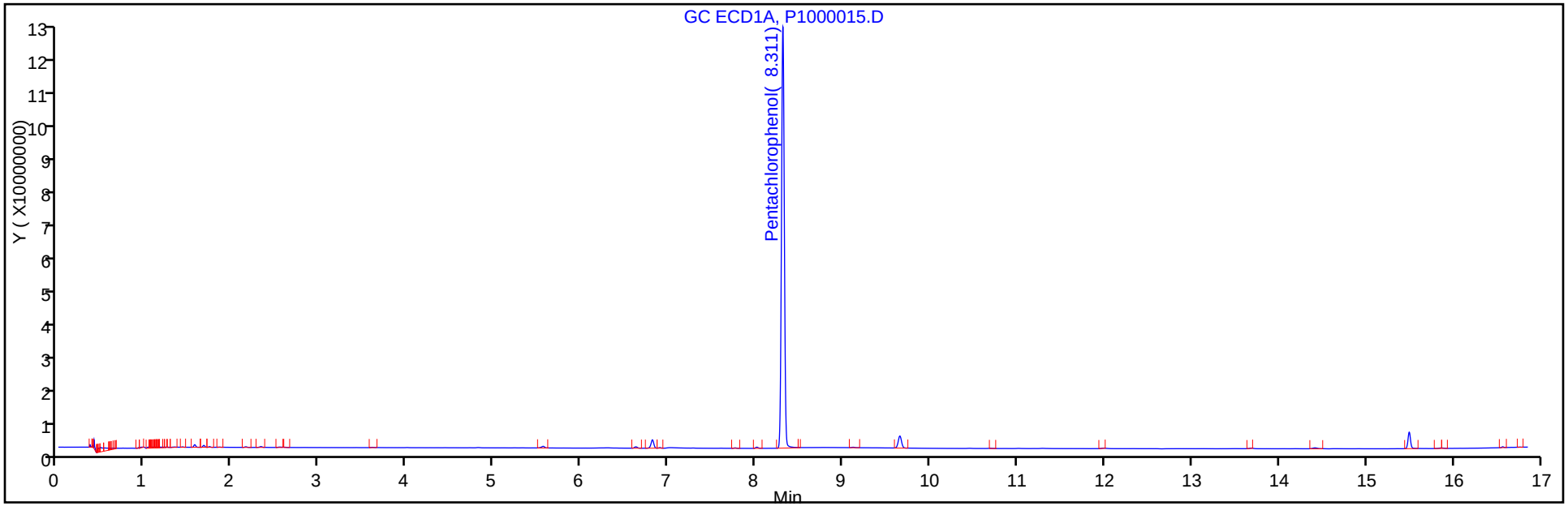
Report Date: 18-Sep-2012 19:47:17 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

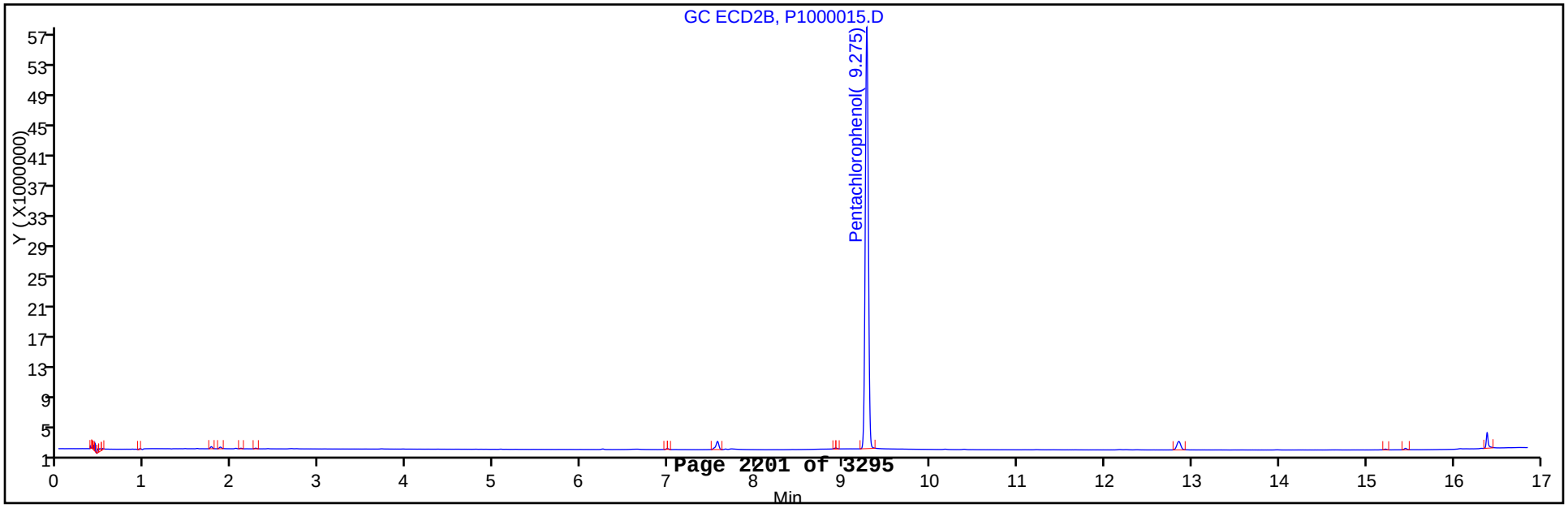
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D

Injection Date:	18-Sep-2012 15:16:51	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	15
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 67147

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 17:53 Calibration End Date: 12/03/2012 19:52 Calibration ID: 12573

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67147/6	P1000006.D
Level 2	STD 240-67147/7	P1000007.D
Level 3	STD 240-67147/8	P1000008.D
Level 4	STD 240-67147/9	P1000009.D
Level 5	STD 240-67147/10	P1000010.D
Level 6	STD 240-67147/11	P1000011.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Dalapon	1.248	1.248	1.248	1.247	1.248	1.248					1.227 - 1.267	1.248
Dicamba	7.147	7.144	7.145	7.144	7.146	7.144					7.124 - 7.164	7.145
MCPP	7.431	7.429	7.429	7.429	7.431	7.430					7.408 - 7.448	7.430
MCPA	7.593	7.592	7.593	7.592	7.593	7.592					7.571 - 7.611	7.593
Dichlorprop	7.965	7.964	7.964	7.963	7.962	7.961					7.942 - 7.982	7.963
2,4-D	8.208	8.204	8.202	8.200	8.199	8.197					8.179 - 8.219	8.202
Silvex (2,4,5-TP)	9.083	9.079	9.079	9.078	9.078	9.075					9.057 - 9.097	9.079
2,4,5-T	9.398	9.396	9.394	9.392	9.391	9.387					9.370 - 9.410	9.393
2,4-DB	10.029	10.024	10.024	10.020	10.019	10.014					10.001 - 10.041	10.022
Dinoseb	11.235	11.234	11.231	11.232	11.230	11.229					11.199 - 11.259	11.232
2,4-Dichlorophenylacetic acid	6.981	6.979	6.979	6.979	6.980	6.977					6.957 - 6.997	6.979

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 67147

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 17:53 Calibration End Date: 12/03/2012 19:52 Calibration ID: 12573

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67147/6	P1000006.D
Level 2	STD 240-67147/7	P1000007.D
Level 3	STD 240-67147/8	P1000008.D
Level 4	STD 240-67147/9	P1000009.D
Level 5	STD 240-67147/10	P1000010.D
Level 6	STD 240-67147/11	P1000011.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Dalapon	551507600 402903031	503534450 379025088	471768525	435733513	Ave		457412034				14.0		20.0			
Dicamba	714015800 557606444	682442500 518453384	640497675	594144038	Ave		617859973				12.0		20.0			
MCPP	861638 497772	840381 434111	737903	605271	Qua	1228039.70	534037.963	-1881.4713						0.9980		0.9900
MCPA	1315060 629725	1147675 546511	962182	766358	Qua	1981824.59	652678.717	-2164.9456						0.9980		0.9900
Dichlorprop	163145150 119660147	159229600 110630689	145164950	132790381	Ave		138436820				15.0		20.0			
2,4-D	165772300 138838872	158626300 131934363	158911513	149145781	Ave		150538188				8.7		20.0			
Silvex (2,4,5-TP)	799153200 731277713	786139000 721755906	778529750	763810300	Ave		763444311				4.1		20.0			
2,4,5-T	601240200 620254688	620375400 619353063	608261000	613258200	Ave		613790425				1.3		20.0			
2,4-DB	65756600 59773497	67626925 60979647	65490575	63429494	Ave		63842789.6				4.7		20.0			
Dinoseb	581582000 454856646	557822000 442825271	516867750	481228875	Ave		505863757				11.0		20.0			
2,4-Dichlorophenylacetic acid	177523500 129357034	168272800 120052263	157149838	142057950	Ave		149068897				15.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 67147

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 17:53 Calibration End Date: 12/03/2012 19:52 Calibration ID: 12573

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67147/6	P1000006.D
Level 2	STD 240-67147/7	P1000007.D
Level 3	STD 240-67147/8	P1000008.D
Level 4	STD 240-67147/9	P1000009.D
Level 5	STD 240-67147/10	P1000010.D
Level 6	STD 240-67147/11	P1000011.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dalapon	Ave	5515076 121288028	10070689	18870741	34858681	64464485	0.0100 0.320	0.0200	0.0400	0.0800	0.160
Dicamba	Ave	7140158 165905083	13648850	25619907	47531523	89217031	0.0100 0.320	0.0200	0.0400	0.0800	0.160
MCPP	Qua	1723275 27783128	3361524	5903220	9684337	15928704	2.00 64.0	4.00	8.00	16.0	32.0
MCPA	Qua	2630120 34976673	4590699	7697459	12261728	20151184	2.00 64.0	4.00	8.00	16.0	32.0
Dichlorprop	Ave	3262903 70803641	6369184	11613196	21246461	38291247	0.0200 0.640	0.0400	0.0800	0.160	0.320
2,4-D	Ave	3315446 84437992	6345052	12712921	23863325	44428439	0.0200 0.640	0.0400	0.0800	0.160	0.320
Silvex (2,4,5-TP)	Ave	3995766 115480945	7861390	15570595	30552412	58502217	0.00500 0.160	0.0100	0.0200	0.0400	0.0800
2,4,5-T	Ave	3006201 99096490	6203754	12165220	24530328	49620375	0.00500 0.160	0.0100	0.0200	0.0400	0.0800
2,4-DB	Ave	1315132 39026974	2705077	5239246	10148719	19127519	0.0200 0.640	0.0400	0.0800	0.160	0.320
Dinoseb	Ave	1744746 42511226	3346932	6202413	11549493	21833119	0.00300 0.0960	0.00600	0.0120	0.0240	0.0480
2,4-Dichlorophenylacetic acid	Ave	3550470 76833448	6730912	12571987	22729272	41394251	0.0200 0.640	0.0400	0.0800	0.160	0.320

Curve Type Legend:

Ave = Average by Height
Qua = Quadratic by Height

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Lims ID:	Std Corp1	Client ID:	
Inject. Date:	03-Dec-2012 17:53:38	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0015481-006		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	67147	Lims Sample ID:	6
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:01	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: roachc Date: 04-Dec-2012 09:15:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						M
1	1.248	1.247	0.001	5515076	0.0121	M
2	1.388	1.387	0.001	1656117	0.0114	M
					RPD = 5.61	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.981	6.977	0.004	3550470	0.0238	
2	7.631	7.629	0.002	1425326	0.0230	
					RPD = 3.67	
6 Dicamba						
1	7.147	7.144	0.003	7140158	0.0116	
2	7.798	7.797	0.001	2745368	0.0107	
					RPD = 7.36	
10 MCPP						
1	7.431	7.428	0.003	1723275	0.9304	
2	7.983	7.982	0.001	711202	1.19	
					RPD = 24.76	
9 MCPA						
1	7.593	7.591	0.002	2630120	1.00	
2	8.235	8.233	0.002	1124243	1.35	
					RPD = 30.42	
7 Dichlorprop						M
1	7.965	7.962	0.003	3262903	0.0236	
2	8.597	8.593	0.004	1207535	0.0229	M
					RPD = 2.86	
2 2,4-D						M
1	8.208	8.199	0.009	3315446	0.0220	
2	8.955	8.950	0.005	1344688	0.0217	M
					RPD = 1.54	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						M
1	9.083	9.077	0.006	3995766	0.005234	
2	9.892	9.889	0.003	1480595	0.005215	M
					RPD = 0.36	
1 2,4,5-T						
1	9.398	9.390	0.008	3006201	0.004898	
2	10.371	10.367	0.004	1228064	0.005062	
					RPD = 3.29	
3 2,4-DB						M
1	10.029	10.021	0.008	1315132	0.0206	
2	11.020	11.017	0.003	588019	0.0221	M
					RPD = 7.20	
8 Dinoseb						M
1	11.235	11.229	0.006	1744746	0.003449	
2	11.397	11.396	0.001	660700	0.003417	M
					RPD = 0.94	

QC Flag Legend

Review Flags
M - Manually Integrated

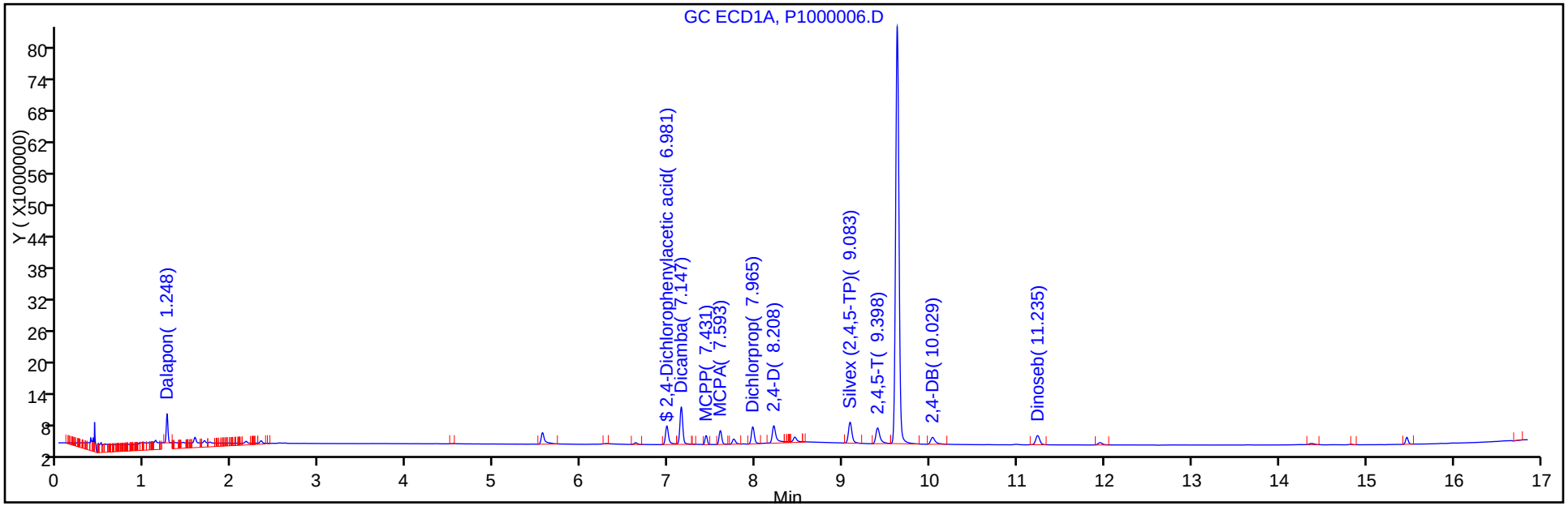
Report Date: 04-Dec-2012 09:15:02 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

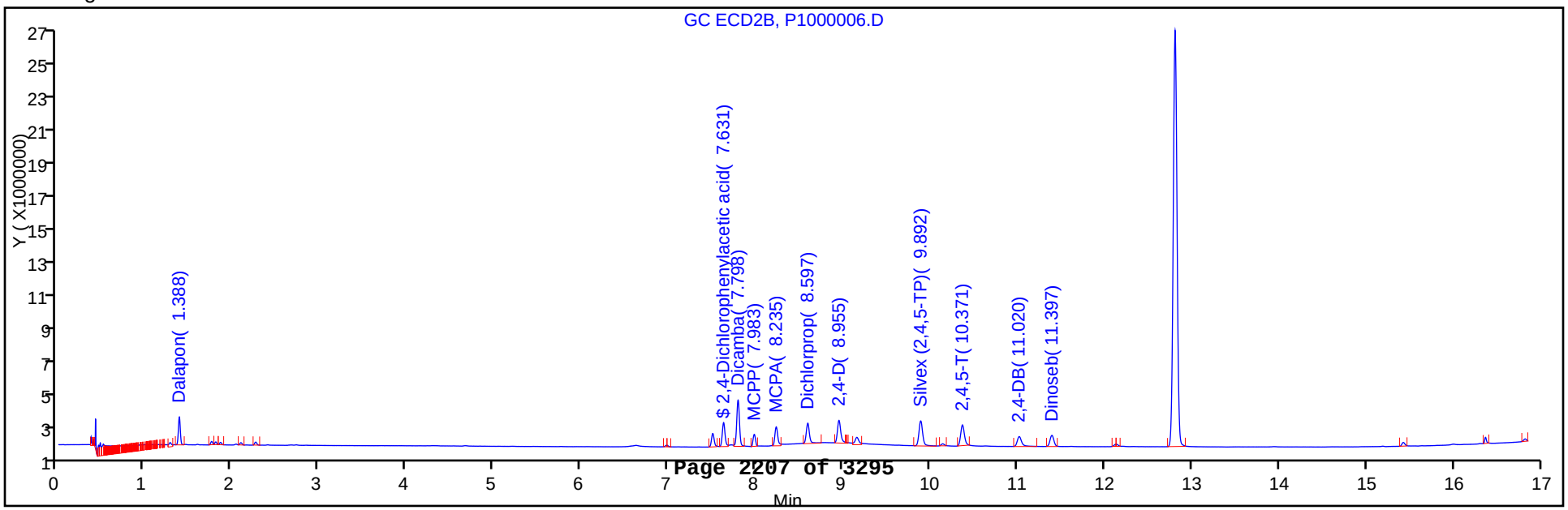
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D

Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

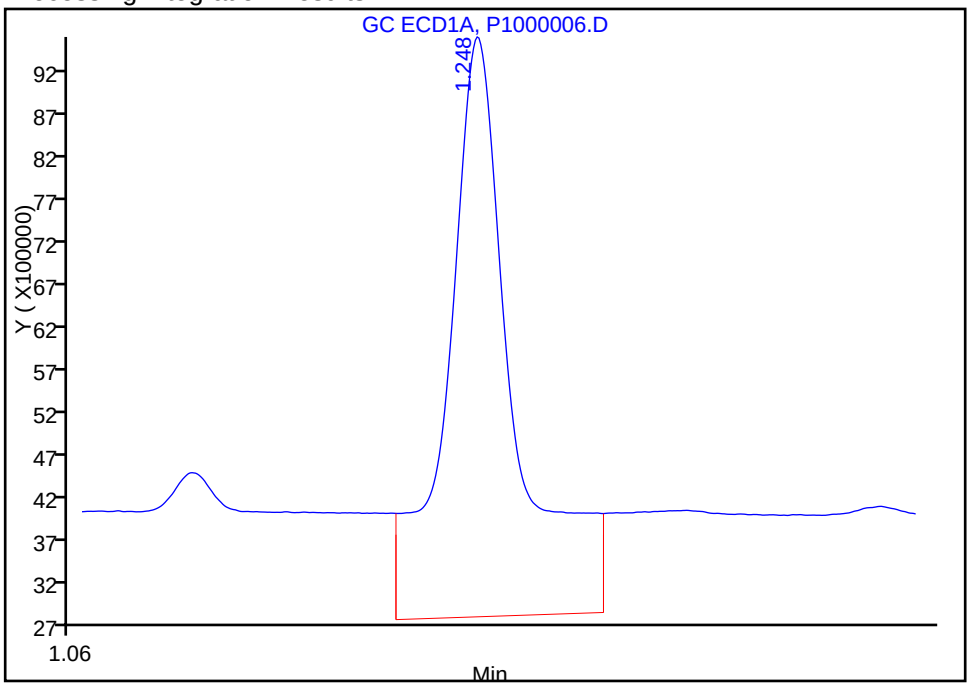
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 Dalapon, Signal: 1, Type: quant, RT: 1.25, Det: GC ECD1A

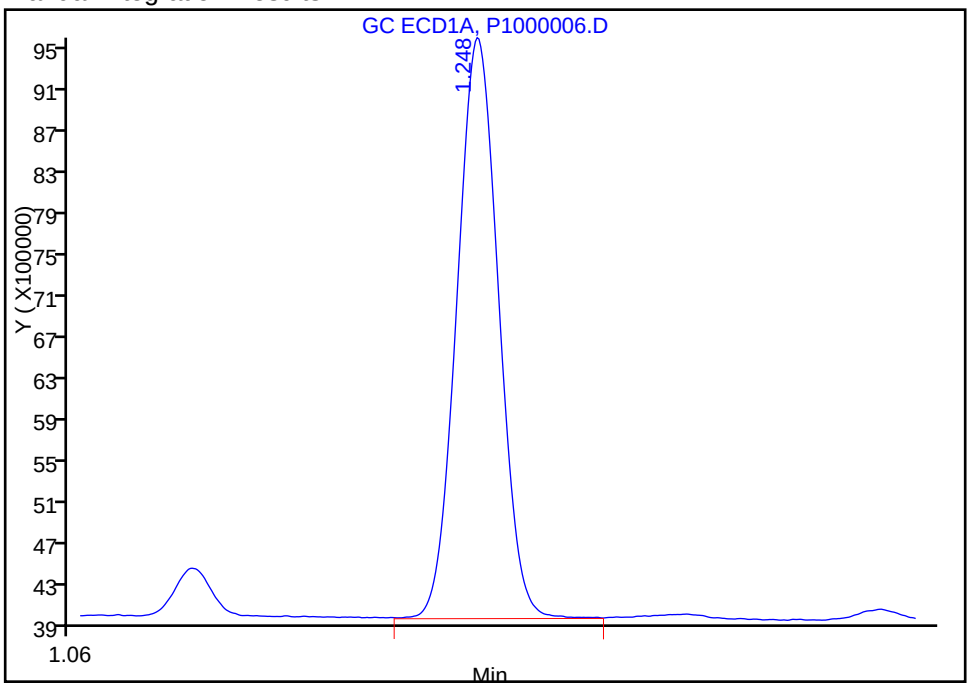
Processing Integration Results

RT: 1.25
Response: 6702579
Amount: 0.009730



Manual Integration Results

RT: 1.25
Response: 5515076
Amount: 0.012057



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000007.D		
Lims ID:	Std Corp2	Client ID:	
Inject. Date:	03-Dec-2012 18:17:22	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0015481-007		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	67147	Lims Sample ID:	7
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:16	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:16

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.247	0.001	10070689	0.0220	
2	1.388	1.387	0.001	3068558	0.0211	
					RPD = 4.15	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.977	0.002	6730912	0.0452	
2	7.629	7.629	0.000	2643576	0.0426	
					RPD = 5.85	
6 Dicamba						
1	7.144	7.144	0.000	13648850	0.0221	
2	7.796	7.797	-0.001	5254637	0.0205	
					RPD = 7.23	
10 MCPP						
1	7.429	7.428	0.001	3361524	4.05	
2	7.981	7.982	-0.001	1330598	3.97	
					RPD = 2.01	
9 MCPA						
1	7.592	7.591	0.001	4590699	4.05	
2	8.234	8.233	0.001	1871817	4.22	
					RPD = 4.16	
7 Dichlorprop						
1	7.964	7.962	0.002	6369184	0.0460	
2	8.594	8.593	0.001	2219646	0.0421	
					RPD = 8.86	
2 2,4-D						
1	8.204	8.199	0.005	6345052	0.0421	
2	8.953	8.950	0.003	2548293	0.0411	
					RPD = 2.53	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.079	9.077	0.002	7861390	0.0103	
2	9.892	9.889	0.003	2857261	0.0101	
					RPD = 2.29	
1 2,4,5-T						
1	9.396	9.390	0.006	6203754	0.0101	
2	10.369	10.367	0.002	2363743	0.009743	
					RPD = 3.67	
3 2,4-DB						
1	10.024	10.021	0.003	2705077	0.0424	
2	11.022	11.017	0.005	1102745	0.0415	
					RPD = 2.04	
8 Dinoseb						M
1	11.234	11.229	0.005	3346932	0.006616	
2	11.398	11.396	0.002	1258558	0.006509	M
					RPD = 1.64	

QC Flag Legend

Review Flags
M - Manually Integrated

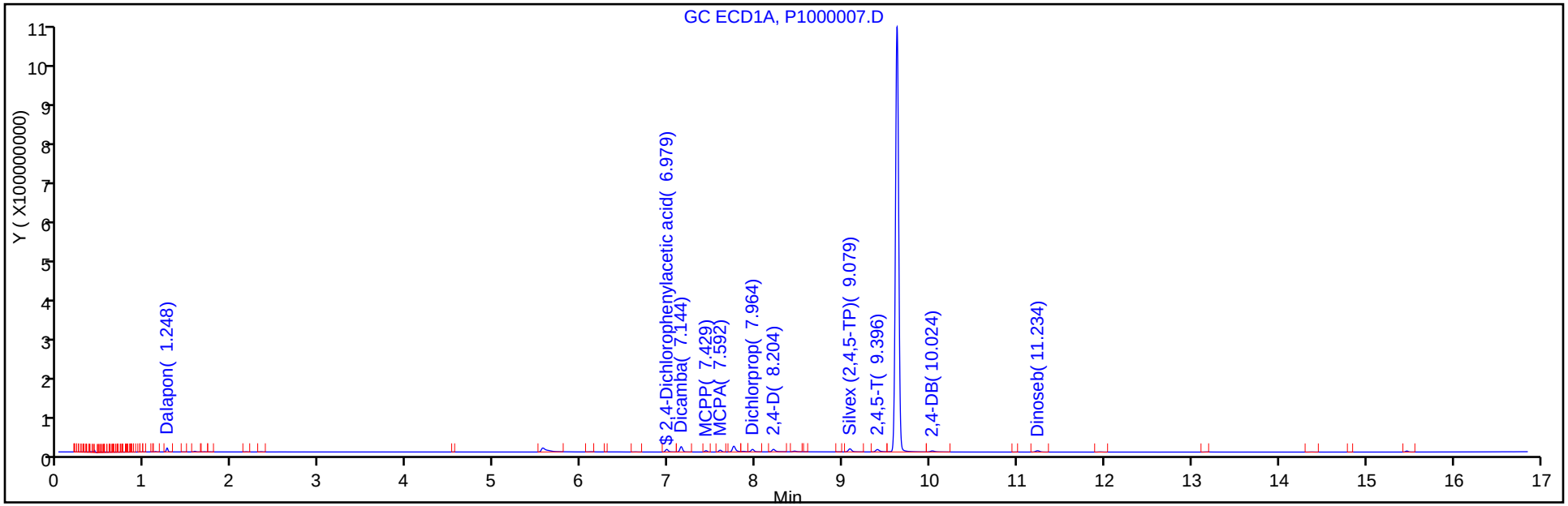
Report Date: 04-Dec-2012 09:15:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

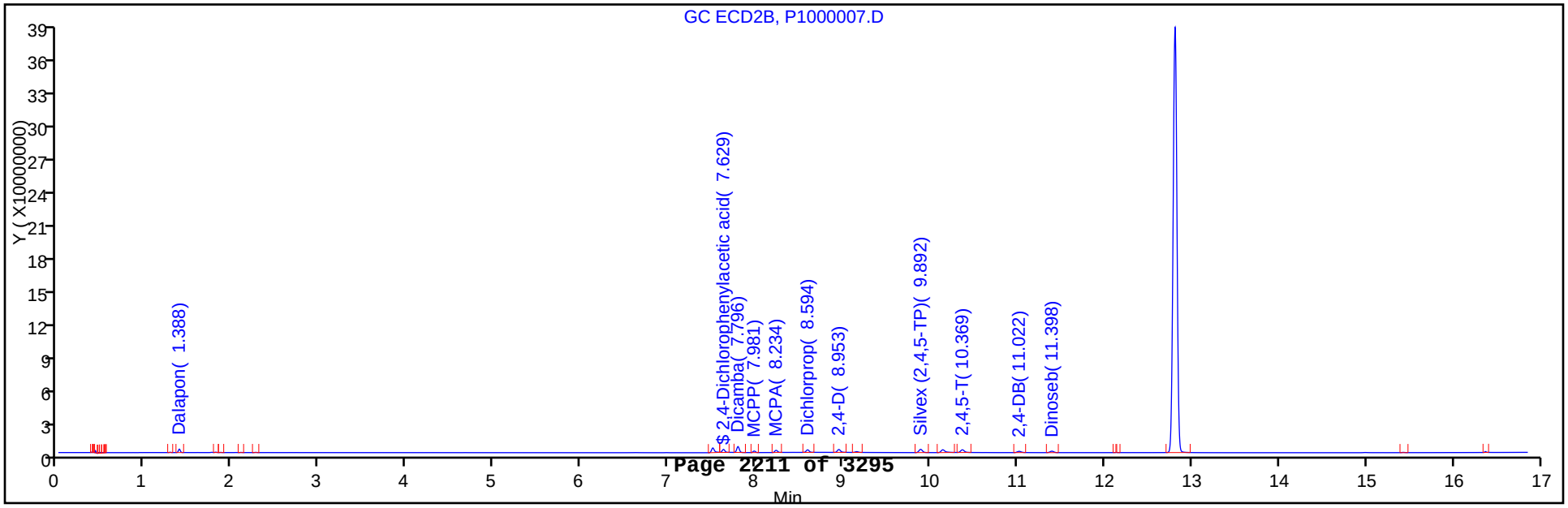
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000007.D

Injection Date:	03-Dec-2012 18:17:22	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	7
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000008.D
Lims ID: Std Corp3 Client ID:
Inject. Date: 03-Dec-2012 18:41:03 Dil. Factor: 1.0000
Sample Type: ICRT Calib Level: 3
Sample ID: 240-0015481-008
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 67147 Lims Sample ID: 8
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m
Last Update: 04-Dec-2012 09:15:28 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: roachc Date: 04-Dec-2012 09:15:28

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.248	0.000	18870741	0.0413	
2	1.388	1.388	0.000	5874679	0.0404	
					RPD = 2.01	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.979	0.000	12571987	0.0843	
2	7.629	7.629	0.000	5098854	0.0821	
					RPD = 2.64	
6 Dicamba						
1	7.145	7.145	0.000	25619907	0.0415	
2	7.797	7.797	0.000	10349643	0.0405	
					RPD = 2.42	
10 MCPP						
1	7.429	7.429	0.000	5903220	9.04	
2	7.982	7.982	0.000	2396223	8.86	
					RPD = 2.01	
9 MCPA						
1	7.593	7.593	0.000	7697459	9.03	
2	8.233	8.233	0.000	3289686	9.67	
					RPD = 6.83	
7 Dichlorprop						M
1	7.964	7.964	0.000	11613196	0.0839	
2	8.594	8.594	0.000	4282046	0.0812	M
					RPD = 3.23	
2 2,4-D						
1	8.202	8.202	0.000	12712921	0.0844	
2	8.950	8.950	0.000	5014235	0.0809	
					RPD = 4.33	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.079	9.079	0.000	15570595	0.0204	
2	9.889	9.889	0.000	5589857	0.0197	
					RPD = 3.52	
1 2,4,5-T						
1	9.394	9.394	0.000	12165220	0.0198	
2	10.369	10.369	0.000	4840695	0.0200	
					RPD = 0.67	
3 2,4-DB						
1	10.024	10.024	0.000	5239246	0.0821	
2	11.019	11.019	0.000	2157722	0.0812	
					RPD = 1.02	
8 Dinoseb						
1	11.231	11.231	0.000	6202413	0.0123	
2	11.395	11.395	0.000	2310831	0.0120	
					RPD = 2.57	

QC Flag Legend

Review Flags
M - Manually Integrated

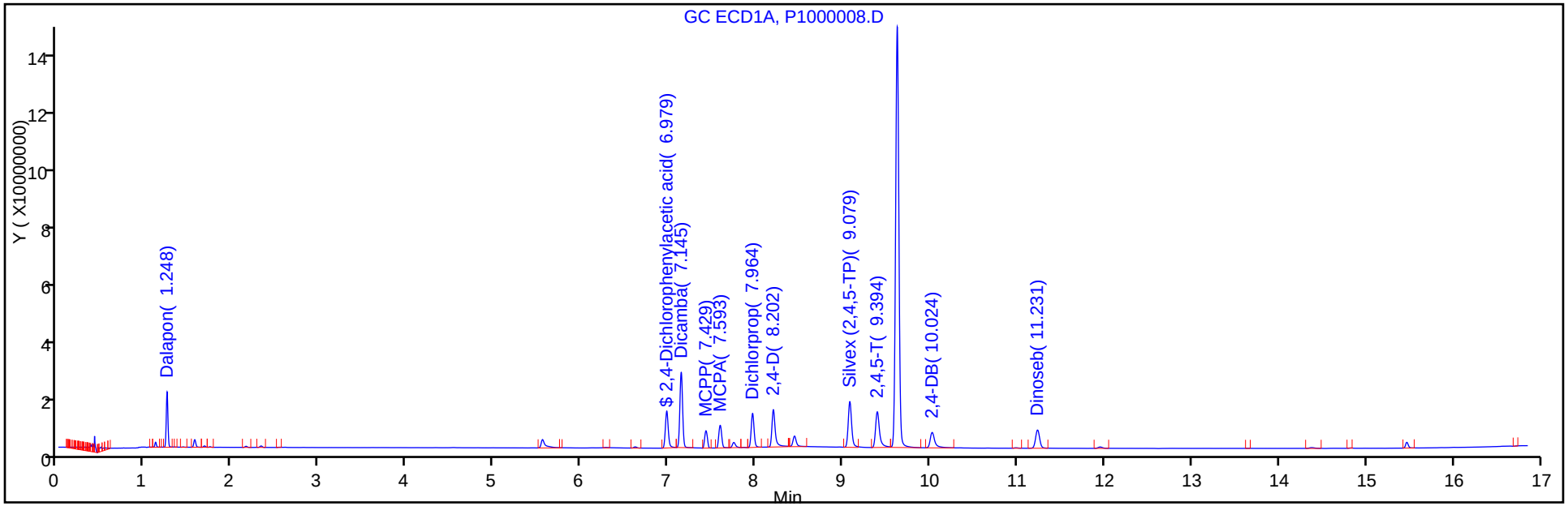
Report Date: 04-Dec-2012 09:15:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

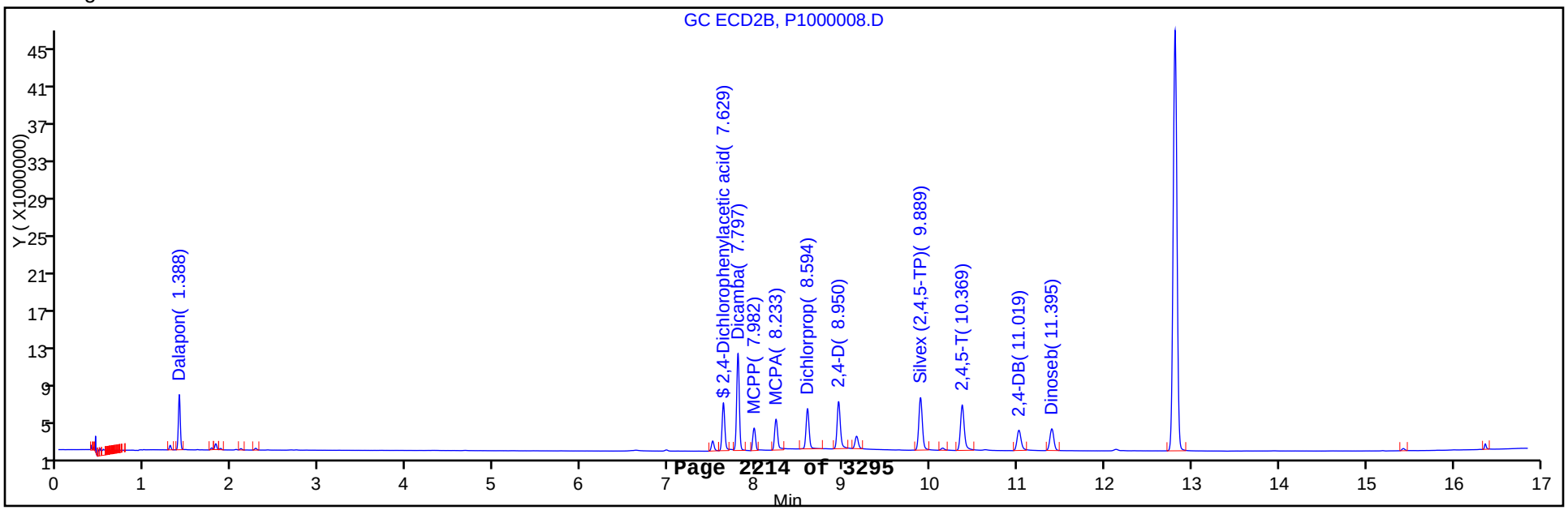
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000008.D

Injection Date:	03-Dec-2012 18:41:03	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	8
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000009.D		
Lims ID:	Std Corp4	Client ID:	
Inject. Date:	03-Dec-2012 19:04:40	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015481-009		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	67147	Lims Sample ID:	9
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:39	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.247	1.248	-0.001	34858681	0.0762	
2	1.388	1.388	0.000	11107906	0.0765	
					RPD = 0.32	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.979	0.000	22729272	0.1525	
2	7.629	7.629	0.000	9412608	0.1516	
					RPD = 0.56	
6 Dicamba						
1	7.144	7.145	-0.001	47531523	0.0769	
2	7.795	7.797	-0.002	20289132	0.0793	
					RPD = 3.09	
10 MCPP						
1	7.429	7.429	0.000	9684337	16.8	
2	7.982	7.982	0.000	4021745	16.6	
					RPD = 1.29	
9 MCPA						
1	7.592	7.593	-0.001	12261728	16.7	
2	8.233	8.233	0.000	5351638	17.6	
					RPD = 5.31	
7 Dichlorprop						
1	7.963	7.964	-0.001	21246461	0.1535	
2	8.594	8.594	0.000	8024771	0.1522	
					RPD = 0.82	
2 2,4-D						
1	8.200	8.202	-0.002	23863325	0.1585	
2	8.950	8.950	0.000	9688389	0.1563	
					RPD = 1.44	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.078	9.079	-0.001	30552412	0.0400	
2	9.891	9.889	0.002	11206626	0.0395	
					RPD = 1.37	
1 2,4,5-T						
1	9.392	9.394	-0.002	24530328	0.0400	
2	10.368	10.369	-0.001	9639961	0.0397	
					RPD = 0.58	
3 2,4-DB						
1	10.020	10.024	-0.004	10148719	0.1590	
2	11.019	11.019	0.000	4100950	0.1544	
					RPD = 2.92	
8 Dinoseb						
1	11.232	11.231	0.001	11549493	0.0228	
2	11.397	11.395	0.002	4395673	0.0227	
					RPD = 0.44	

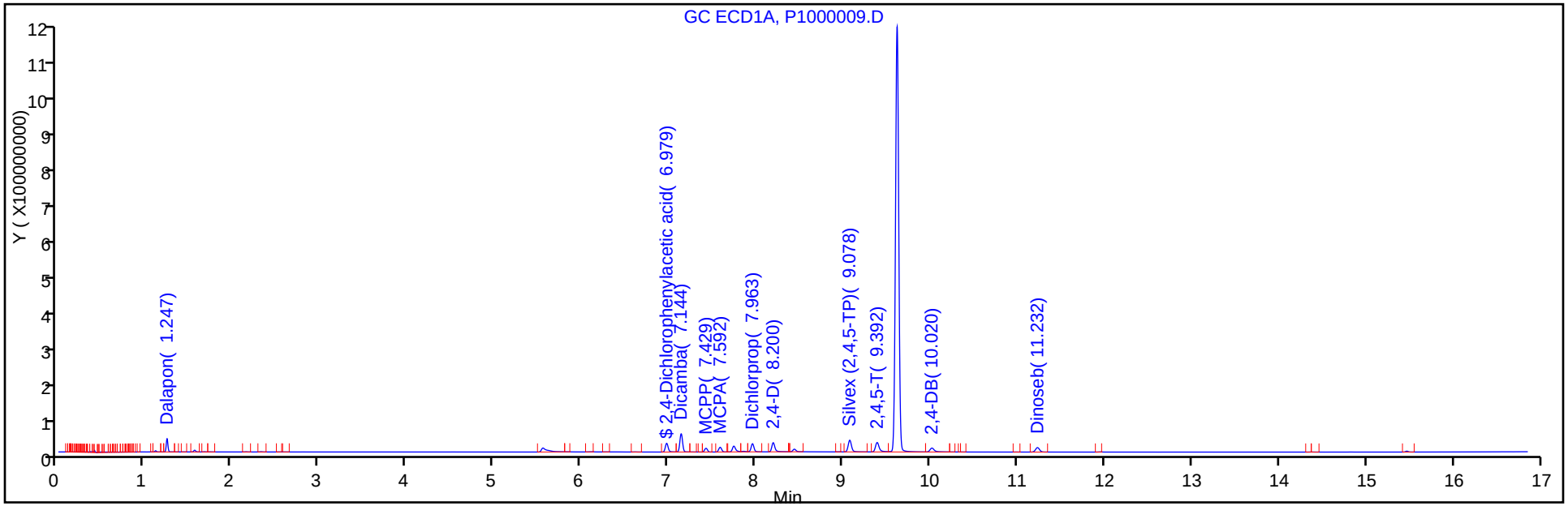
Report Date: 04-Dec-2012 09:15:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

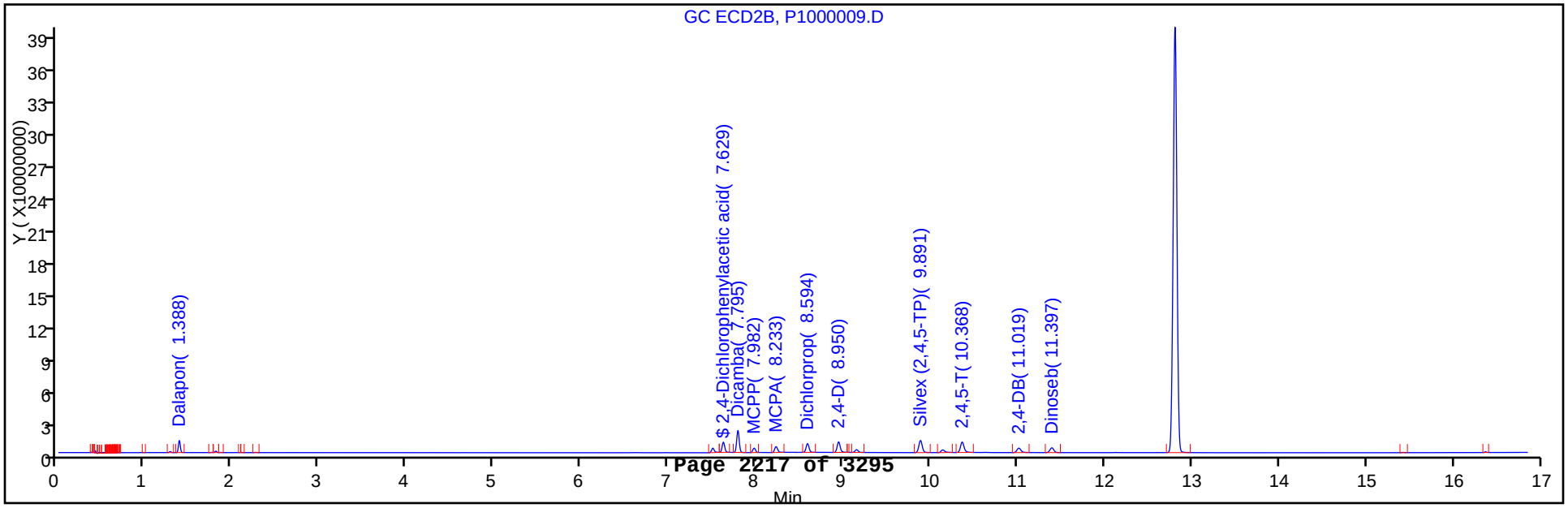
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000009.D

Injection Date:	03-Dec-2012 19:04:40	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	9
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000010.D		
Lims ID:	Std Corp5	Client ID:	
Inject. Date:	03-Dec-2012 19:28:32	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015481-010		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	67147	Lims Sample ID:	10
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:46	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:46

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.248	0.000	64464485	0.1409	
2	1.388	1.388	0.000	21568381	0.1485	
					RPD = 5.20	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.980	6.979	0.001	41394251	0.2777	
2	7.629	7.629	0.000	18205505	0.2933	
					RPD = 5.46	
6 Dicamba						
1	7.146	7.145	0.001	89217031	0.1444	
2	7.796	7.797	-0.001	39099962	0.1529	
					RPD = 5.73	
10 MCPP						
1	7.431	7.429	0.002	15928704	30.9	
2	7.982	7.982	0.000	6860738	31.2	
					RPD = 0.92	
9 MCPA						
1	7.593	7.593	0.000	20151184	31.0	
2	8.233	8.233	0.000	9176494	32.3	
					RPD = 3.89	
7 Dichlorprop						
1	7.962	7.964	-0.002	38291247	0.2766	
2	8.594	8.594	0.000	15589718	0.2957	
					RPD = 6.68	
2 2,4-D						
1	8.199	8.202	-0.003	44428439	0.2951	
2	8.950	8.950	0.000	18850994	0.3040	
					RPD = 2.97	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.078	9.079	-0.001	58502217	0.0766	
2	9.889	9.889	0.000	22295209	0.0785	
					RPD = 2.45	
1 2,4,5-T						
1	9.391	9.394	-0.003	49620375	0.0808	
2	10.367	10.369	-0.002	19353671	0.0798	
					RPD = 1.33	
3 2,4-DB						
1	10.019	10.024	-0.005	19127519	0.2996	
2	11.017	11.019	-0.002	7833671	0.2949	
					RPD = 1.58	
8 Dinoseb						
1	11.230	11.231	-0.001	21833119	0.0432	
2	11.395	11.395	0.000	8433303	0.0436	
					RPD = 1.04	

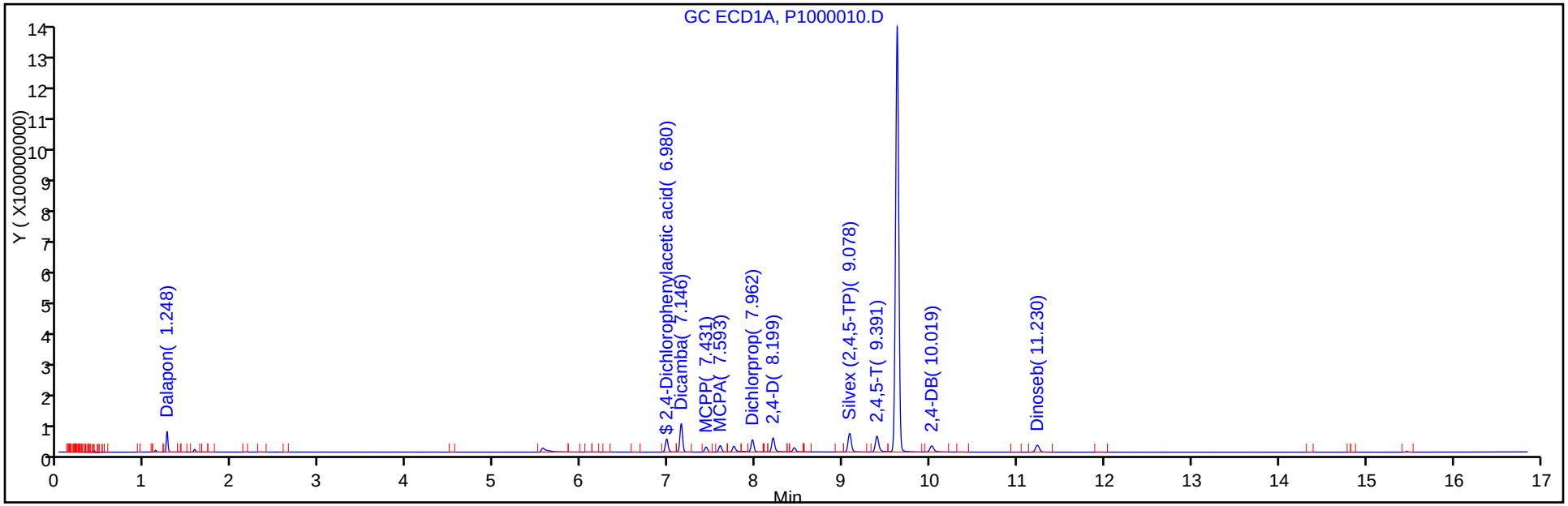
Report Date: 04-Dec-2012 09:15:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

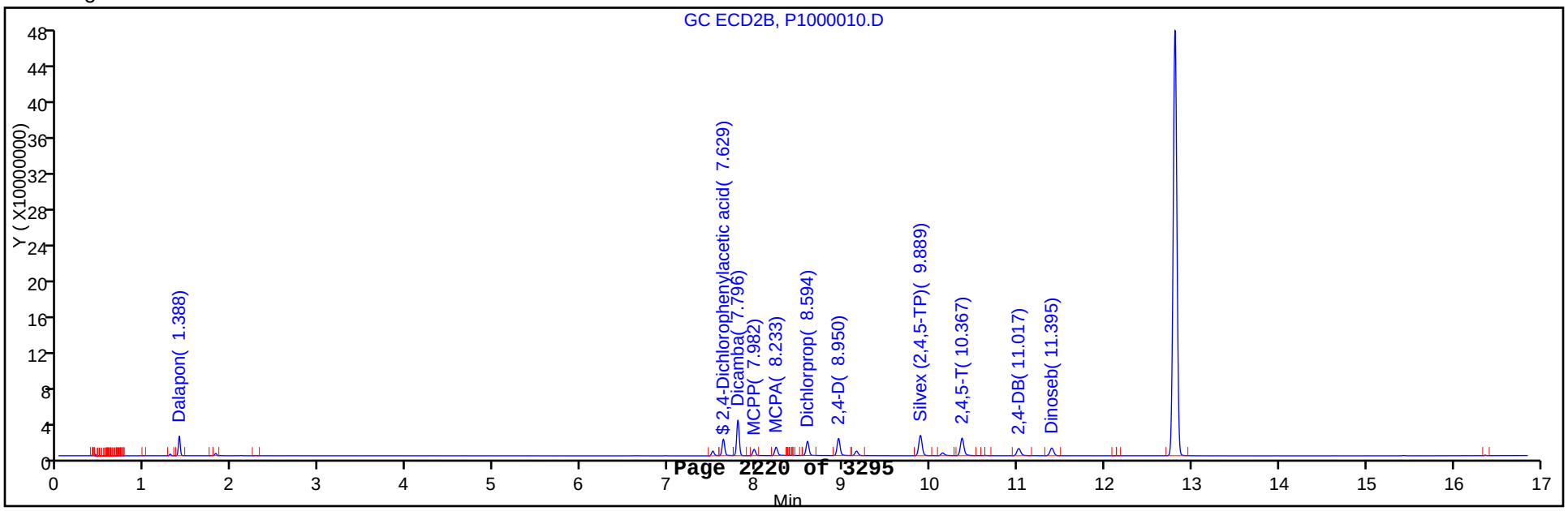
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000010.D

Injection Date:	03-Dec-2012 19:28:32	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Lims ID:	Std Corp6	Client ID:	
Inject. Date:	03-Dec-2012 19:52:08	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0015481-011		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	67147	Lims Sample ID:	11
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:55	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:55

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.248	0.000	121288028	0.2652	
2	1.388	1.388	0.000	42289940	0.2911	
					RPD = 9.32	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.977	6.979	-0.002	76833448	0.5154	
2	7.628	7.629	-0.001	35620172	0.5738	
					RPD = 10.72	
6 Dicamba						
1	7.144	7.145	-0.001	165905083	0.2685	
2	7.795	7.797	-0.002	76879929	0.3007	
					RPD = 11.29	
10 MCPP						
1	7.430	7.429	0.001	27783128	64.3	
2	7.982	7.982	0.000	12273119	64.2	
					RPD = 0.14	
9 MCPA						
1	7.592	7.593	-0.001	34976673	64.2	
2	8.234	8.233	0.001	16640034	60.9	
					RPD = 5.32	
7 Dichlorprop						
1	7.961	7.964	-0.003	70803641	0.5115	
2	8.592	8.594	-0.002	30747337	0.5832	
					RPD = 13.12	
2 2,4-D						
1	8.197	8.202	-0.005	84437992	0.5609	
2	8.949	8.950	-0.001	37727601	0.6085	
					RPD = 8.13	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.075	9.079	-0.004	115480945	0.1513	
2	9.888	9.889	-0.001	45316748	0.1596	
					RPD = 5.38	
1 2,4,5-T						
1	9.387	9.394	-0.007	99096490	0.1615	
2	10.364	10.369	-0.005	39796636	0.1640	
					RPD = 1.59	
3 2,4-DB						
1	10.014	10.024	-0.010	39026974	0.6113	
2	11.014	11.019	-0.005	16205984	0.6101	
					RPD = 0.19	
8 Dinoseb						
1	11.229	11.231	-0.002	42511226	0.0840	
2	11.394	11.395	-0.001	17166642	0.0888	
					RPD = 5.48	

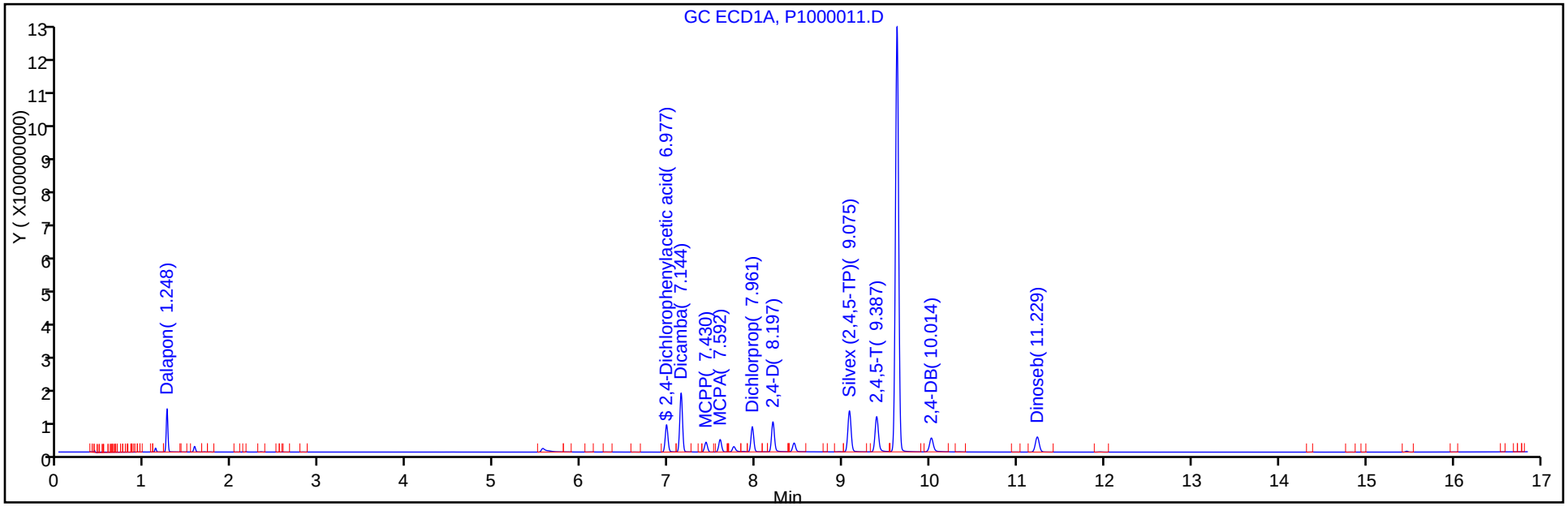
Report Date: 04-Dec-2012 09:15:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

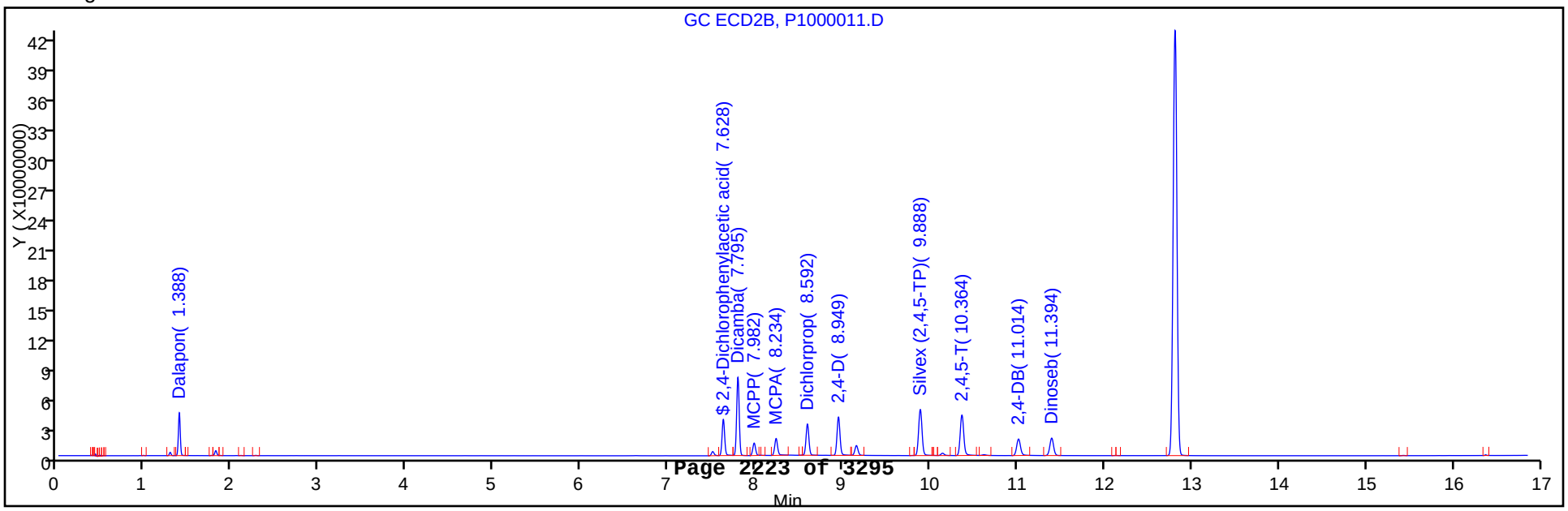
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D

Injection Date:	03-Dec-2012 19:52:08	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	11
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 67147

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 17:53 Calibration End Date: 12/03/2012 19:52 Calibration ID: 12574

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67147/6	P1000006.D
Level 2	STD 240-67147/7	P1000007.D
Level 3	STD 240-67147/8	P1000008.D
Level 4	STD 240-67147/9	P1000009.D
Level 5	STD 240-67147/10	P1000010.D
Level 6	STD 240-67147/11	P1000011.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Dalapon	1.388	1.388	1.388	1.388	1.388	1.388					1.367 - 1.407	1.388
Dicamba	7.798	7.796	7.797	7.795	7.796	7.795					7.777 - 7.817	7.796
MCPP	7.983	7.981	7.982	7.982	7.982	7.982					7.962 - 8.002	7.982
MCPA	8.235	8.234	8.233	8.233	8.233	8.234					8.213 - 8.253	8.234
Dichlorprop	8.597	8.594	8.594	8.594	8.594	8.592					8.573 - 8.613	8.594
2,4-D	8.955	8.953	8.950	8.950	8.950	8.949					8.930 - 8.970	8.951
Silvex (2,4,5-TP)	9.892	9.892	9.889	9.891	9.889	9.888					9.869 - 9.909	9.890
2,4,5-T	10.371	10.369	10.369	10.368	10.367	10.364					10.347 - 10.387	10.368
2,4-DB	11.020	11.022	11.019	11.019	11.017	11.014					10.997 - 11.037	11.019
Dinoseb	11.397	11.398	11.395	11.397	11.395	11.394					11.366 - 11.426	11.396
2,4-Dichlorophenylacetic acid	7.631	7.629	7.629	7.629	7.629	7.628					7.609 - 7.649	7.629

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 67147

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 17:53 Calibration End Date: 12/03/2012 19:52 Calibration ID: 12574

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67147/6	P1000006.D
Level 2	STD 240-67147/7	P1000007.D
Level 3	STD 240-67147/8	P1000008.D
Level 4	STD 240-67147/9	P1000009.D
Level 5	STD 240-67147/10	P1000010.D
Level 6	STD 240-67147/11	P1000011.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Dalapon	165611700 134802381	153427900 132156063	146866975	138848825	Ave		145285641				8.7		20.0			
Dicamba	274536800 244374763	262731850 240249778	258741075	253614150	Ave		255708069				4.9		20.0			
MCPP	355601 214398	332650 191767	299528	251359	Qua	442093.477	226285.452	-654.01149						0.9990		0.9900
MCPA	562122 286765	467954 260001	411211	334477	Lin1	771490.673	260515.619							0.9900		0.9900
Dichlorprop	60376750 48717869	55491150 48042714	53525575	50154819	Ave		52718146.1				9.0		20.0			
2,4-D	67234400 58909356	63707325 58949377	62677938	60552431	Ave		62005137.8				5.2		20.0			
Silvex (2,4,5-TP)	296119000 278690113	285726100 283229675	279492850	280165650	Ave		283903898				2.3		20.0			
2,4,5-T	245612800 241920888	236374300 248728975	242034750	240999025	Ave		242611790				1.7		20.0			
2,4-DB	29400950 24480222	27568625 25321850	26971525	25630938	Ave		26562351.6				6.7		20.0			
Dinoseb	220233333 175693813	209759667 178819188	192569250	183153042	Ave		193371382				9.3		20.0			
2,4-Dichlorophenylacetic acid	71266300 56892203	66089400 55656519	63735675	58828800	Ave		62078149.5				9.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 67147

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 17:53 Calibration End Date: 12/03/2012 19:52 Calibration ID: 12574

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-67147/6	P1000006.D
Level 2	STD 240-67147/7	P1000007.D
Level 3	STD 240-67147/8	P1000008.D
Level 4	STD 240-67147/9	P1000009.D
Level 5	STD 240-67147/10	P1000010.D
Level 6	STD 240-67147/11	P1000011.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dalapon	Ave	1656117 42289940	3068558	5874679	11107906	21568381	0.0100 0.320	0.0200	0.0400	0.0800	0.160
Dicamba	Ave	2745368 76879929	5254637	10349643	20289132	39099962	0.0100 0.320	0.0200	0.0400	0.0800	0.160
MCPP	Qua	711202 12273119	1330598	2396223	4021745	6860738	2.00 64.0	4.00	8.00	16.0	32.0
MCPA	Lin1	1124243 16640034	1871817	3289686	5351638	9176494	2.00 64.0	4.00	8.00	16.0	32.0
Dichlorprop	Ave	1207535 30747337	2219646	4282046	8024771	15589718	0.0200 0.640	0.0400	0.0800	0.160	0.320
2,4-D	Ave	1344688 37727601	2548293	5014235	9688389	18850994	0.0200 0.640	0.0400	0.0800	0.160	0.320
Silvex (2,4,5-TP)	Ave	1480595 45316748	2857261	5589857	11206626	22295209	0.00500 0.160	0.0100	0.0200	0.0400	0.0800
2,4,5-T	Ave	1228064 39796636	2363743	4840695	9639961	19353671	0.00500 0.160	0.0100	0.0200	0.0400	0.0800
2,4-DB	Ave	588019 16205984	1102745	2157722	4100950	7833671	0.0200 0.640	0.0400	0.0800	0.160	0.320
Dinoseb	Ave	660700 17166642	1258558	2310831	4395673	8433303	0.00300 0.0960	0.00600	0.0120	0.0240	0.0480
2,4-Dichlorophenylacetic acid	Ave	1425326 35620172	2643576	5098854	9412608	18205505	0.0200 0.640	0.0400	0.0800	0.160	0.320

Curve Type Legend:

Ave = Average by Height
Lin1 = Linear 1/Conc by Height
Qua = Quadratic by Height

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Lims ID:	Std Corp1	Client ID:	
Inject. Date:	03-Dec-2012 17:53:38	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0015481-006		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	67147	Lims Sample ID:	6
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:01	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:01

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						M
1	1.248	1.247	0.001	5515076	0.0121	M
2	1.388	1.387	0.001	1656117	0.0114	M
					RPD = 5.61	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.981	6.977	0.004	3550470	0.0238	
2	7.631	7.629	0.002	1425326	0.0230	
					RPD = 3.67	
6 Dicamba						
1	7.147	7.144	0.003	7140158	0.0116	
2	7.798	7.797	0.001	2745368	0.0107	
					RPD = 7.36	
10 MCPP						
1	7.431	7.428	0.003	1723275	0.9304	
2	7.983	7.982	0.001	711202	1.19	
					RPD = 24.76	
9 MCPA						
1	7.593	7.591	0.002	2630120	1.00	
2	8.235	8.233	0.002	1124243	1.35	
					RPD = 30.42	
7 Dichlorprop						M
1	7.965	7.962	0.003	3262903	0.0236	
2	8.597	8.593	0.004	1207535	0.0229	M
					RPD = 2.86	
2 2,4-D						M
1	8.208	8.199	0.009	3315446	0.0220	
2	8.955	8.950	0.005	1344688	0.0217	M
					RPD = 1.54	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						M
1	9.083	9.077	0.006	3995766	0.005234	
2	9.892	9.889	0.003	1480595	0.005215	M
					RPD = 0.36	
1 2,4,5-T						
1	9.398	9.390	0.008	3006201	0.004898	
2	10.371	10.367	0.004	1228064	0.005062	
					RPD = 3.29	
3 2,4-DB						M
1	10.029	10.021	0.008	1315132	0.0206	
2	11.020	11.017	0.003	588019	0.0221	M
					RPD = 7.20	
8 Dinoseb						M
1	11.235	11.229	0.006	1744746	0.003449	
2	11.397	11.396	0.001	660700	0.003417	M
					RPD = 0.94	

QC Flag Legend

Review Flags
M - Manually Integrated

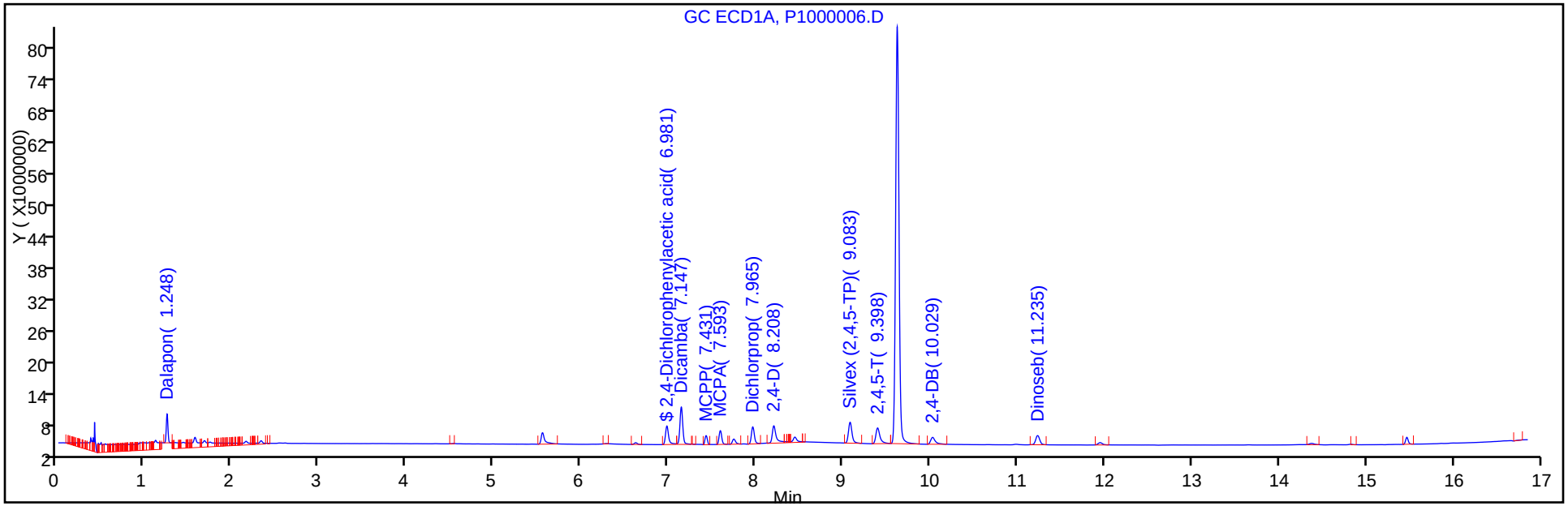
Report Date: 04-Dec-2012 09:15:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

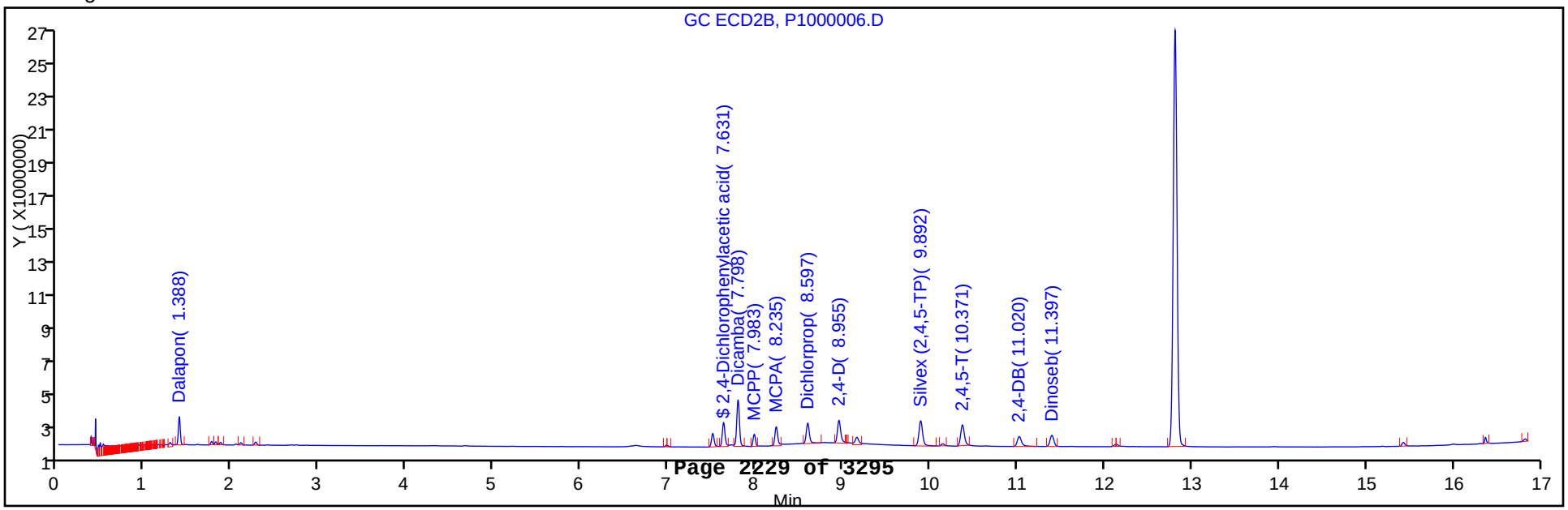
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Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

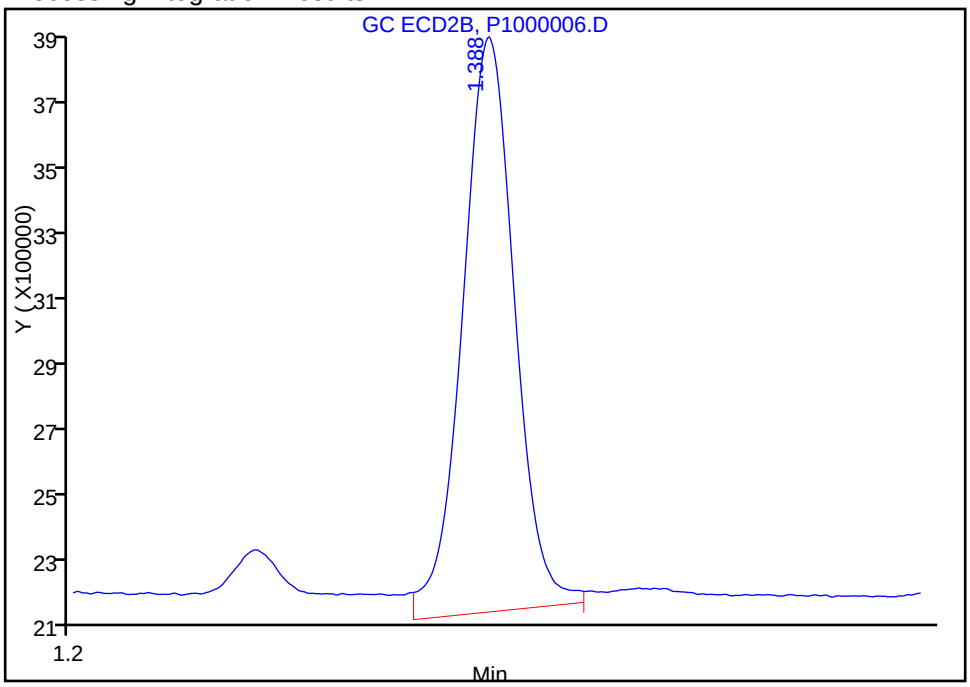
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 Dalapon, Signal: 2, Type: quant, RT: 1.39, Det: GC ecd2b

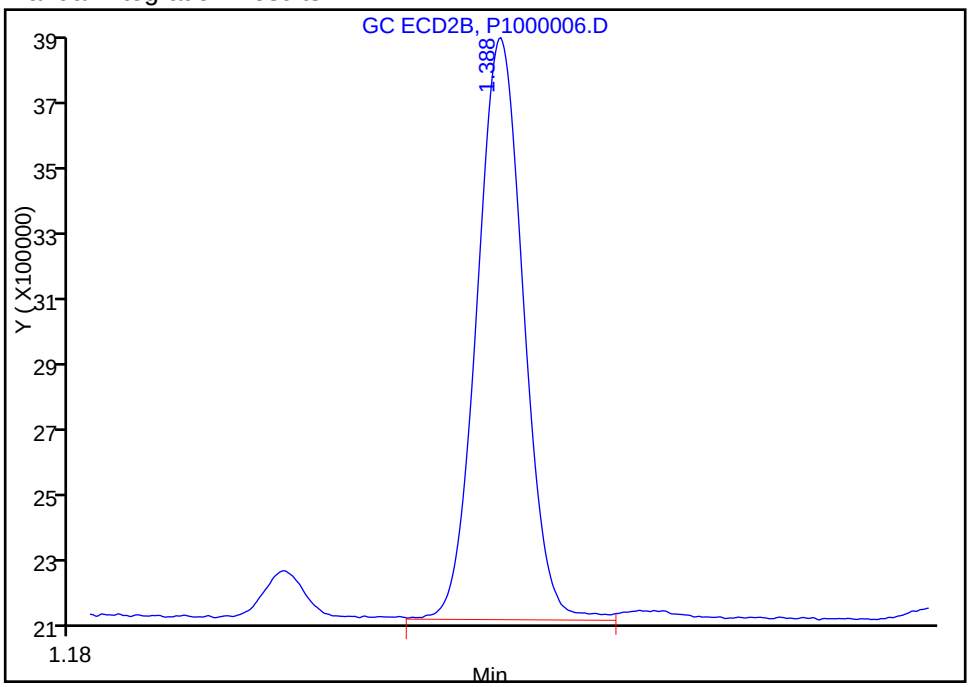
Processing Integration Results

RT: 1.39
Response: 1700362
Amount: 0.011644



Manual Integration Results

RT: 1.39
Response: 1656117
Amount: 0.011399



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

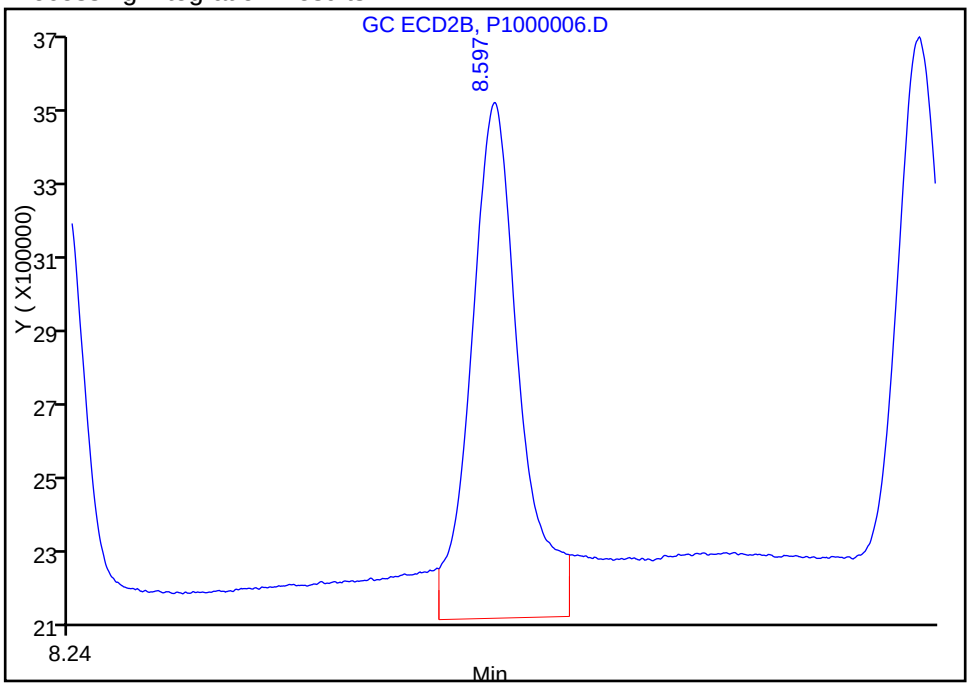
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

7 Dichlorprop, Signal: 2, Type: quant, RT: 8.59, Det: GC ecd2b

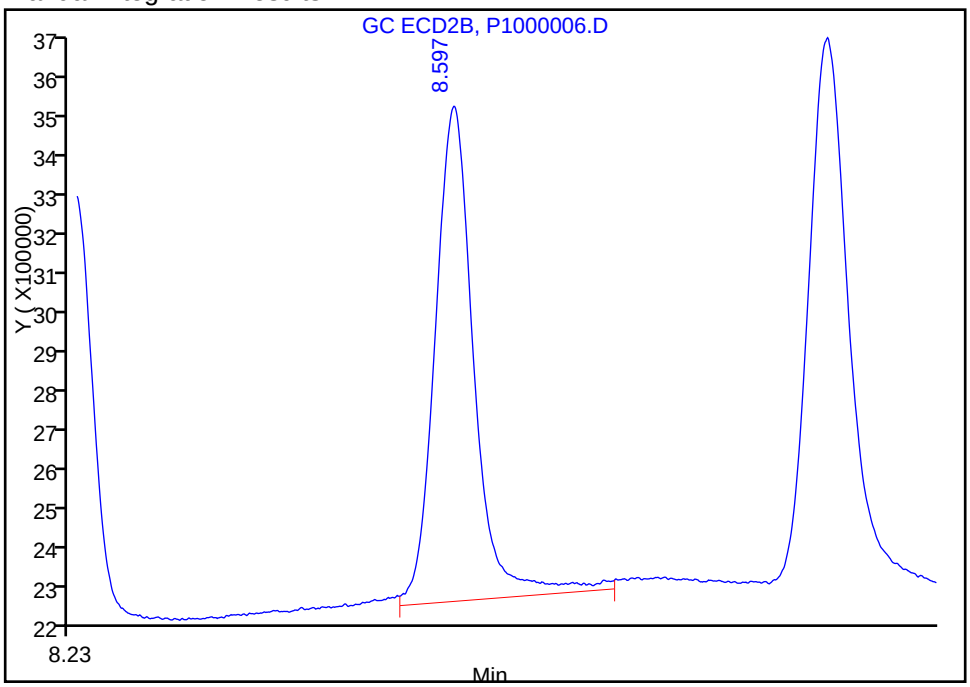
Processing Integration Results

RT: 8.60
Response: 1315950
Amount: 0.024495



Manual Integration Results

RT: 8.60
Response: 1207535
Amount: 0.022905



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

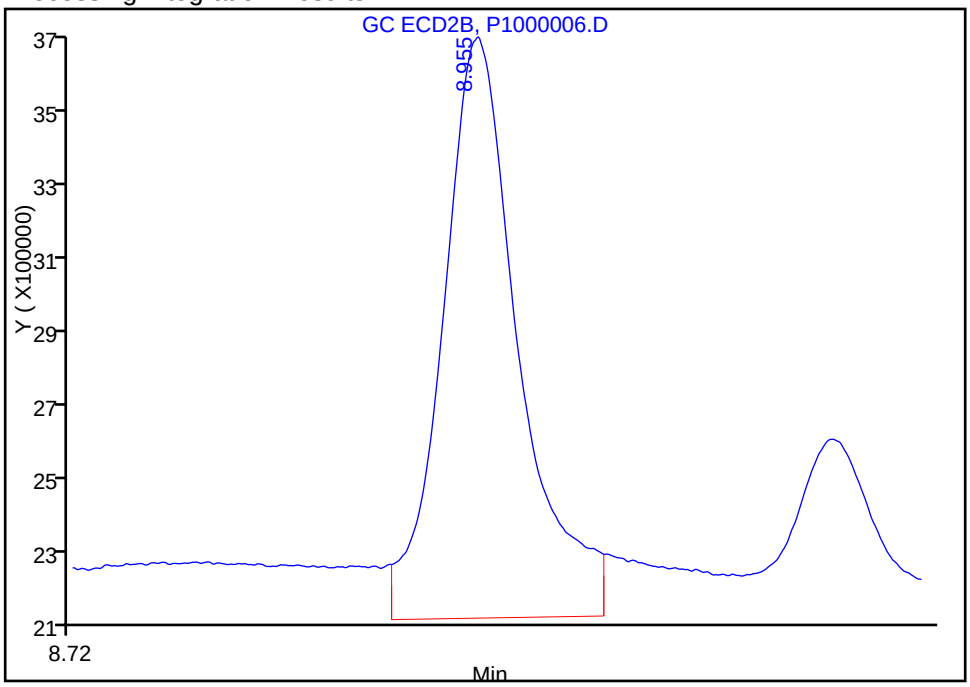
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

2 2,4-D, Signal: 2, Type: quant, RT: 8.95, Det: GC ecd2b

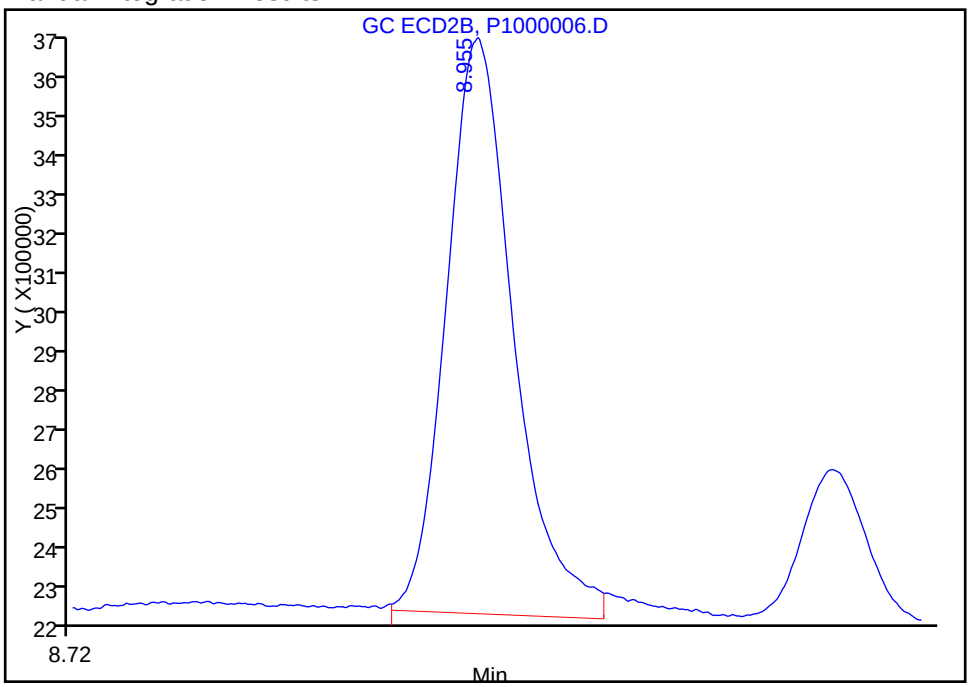
Processing Integration Results

RT: 8.96
Response: 1456896
Amount: 0.023147



Manual Integration Results

RT: 8.96
Response: 1344688
Amount: 0.021687



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

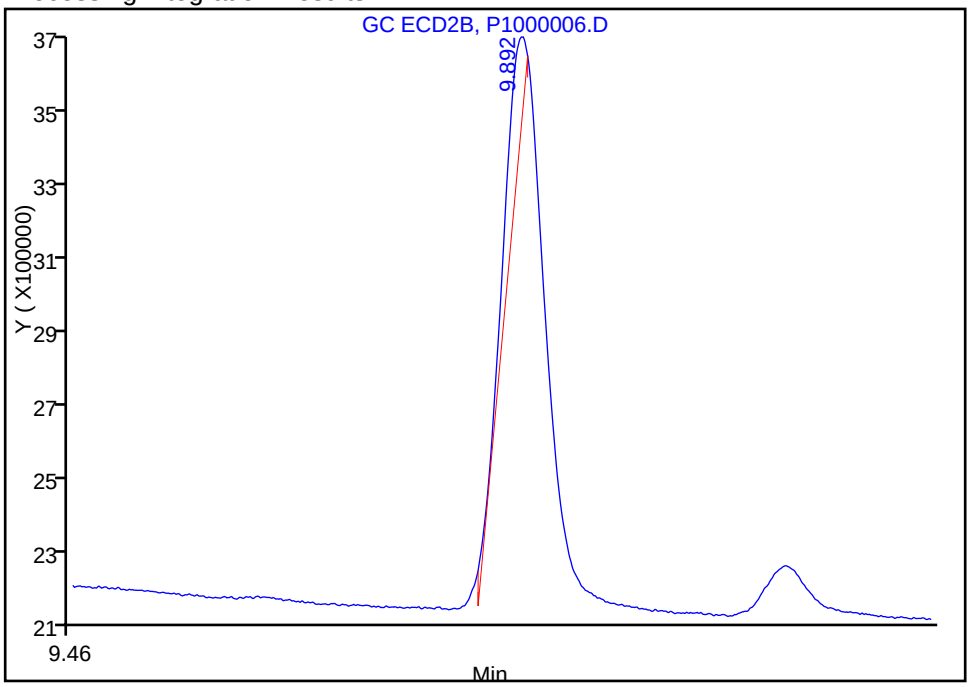
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

12 Silvex (2,4,5-TP), Signal: 2, Type: quant, RT: 9.89, Det: GC ecd2b

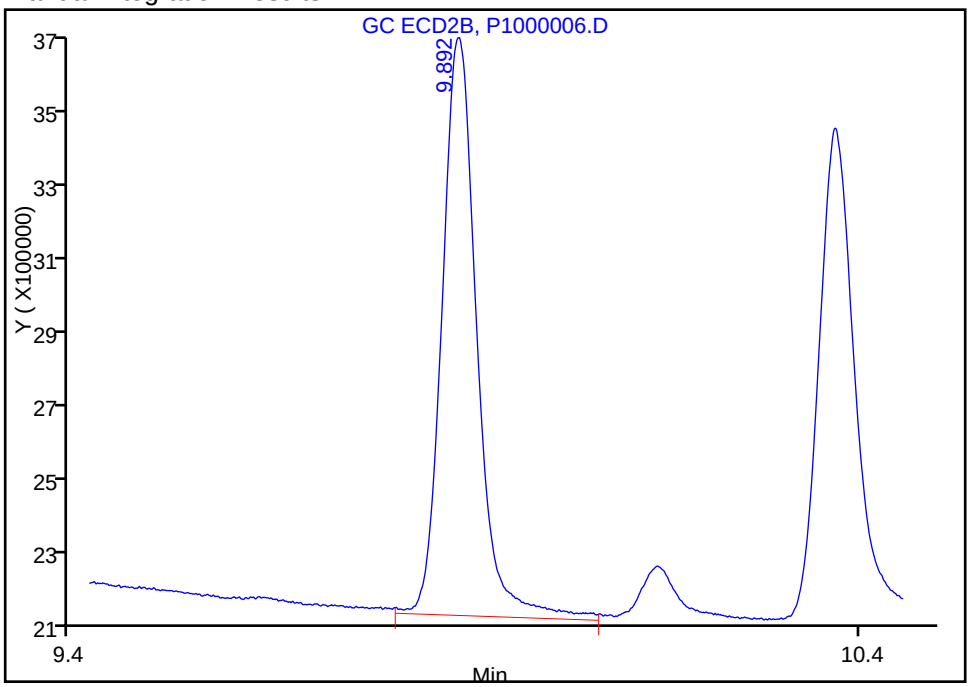
Processing Integration Results

RT: 9.89
Response: 222097
Amount: 0.003387



Manual Integration Results

RT: 9.89
Response: 1480595
Amount: 0.005215



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

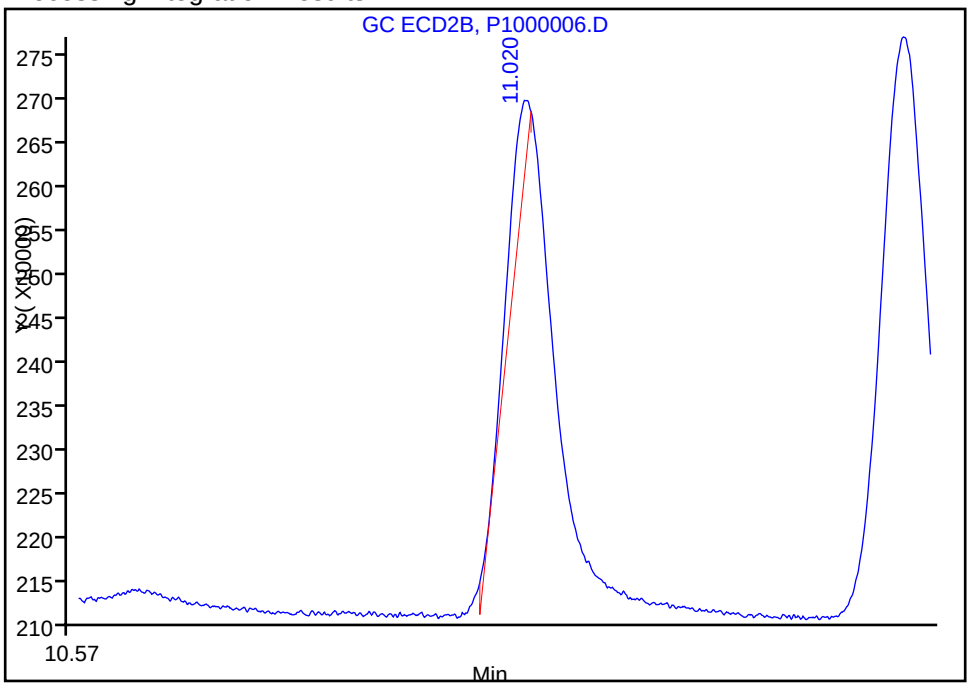
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 2,4-DB, Signal: 2, Type: quant, RT: 11.02, Det: GC ecd2b

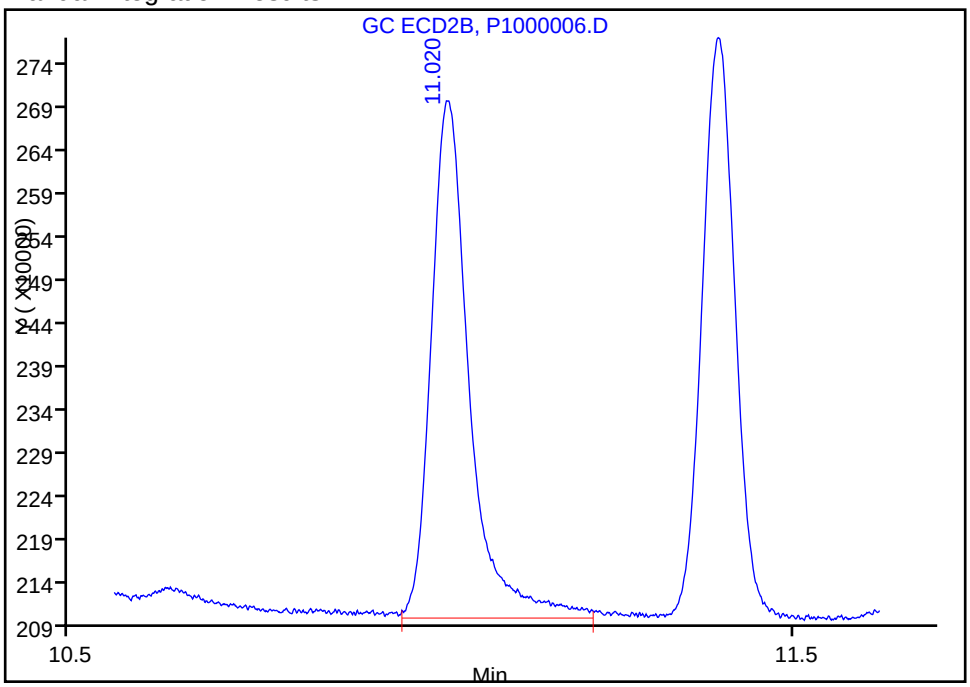
Processing Integration Results

RT: 11.02
Response: 87072
Amount: 0.011921



Manual Integration Results

RT: 11.02
Response: 588019
Amount: 0.022137



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Manually Integrated
Audit Reason: Baseline Event

Manual Integration/User Assign Peak Report

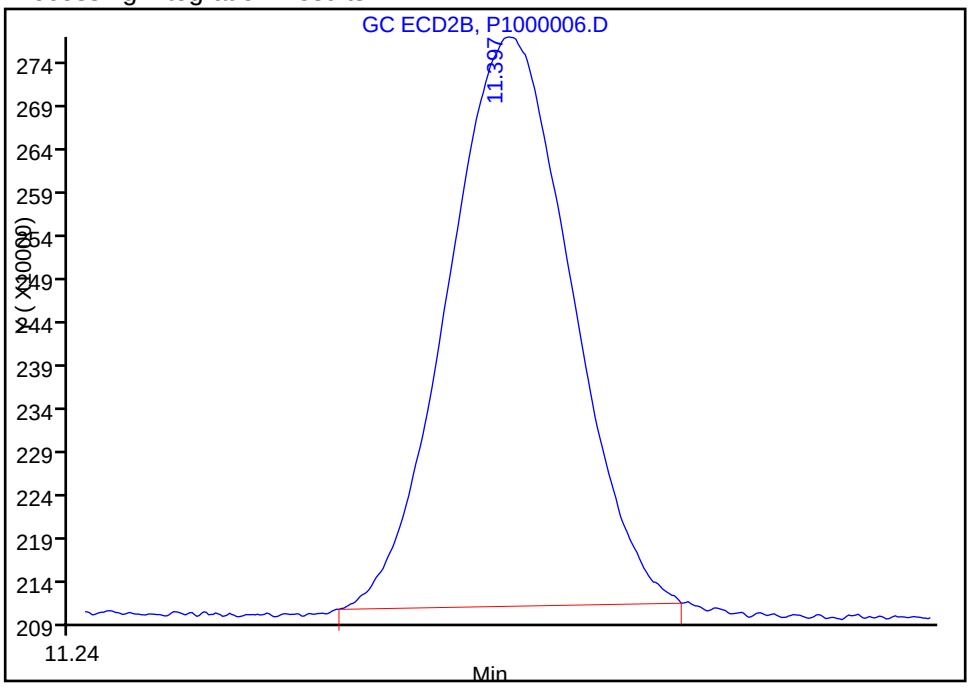
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000006.D		
Injection Date:	03-Dec-2012 17:53:38	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 Dinoseb, Signal: 2, Type: quant, RT: 11.40, Det: GC ecd2b

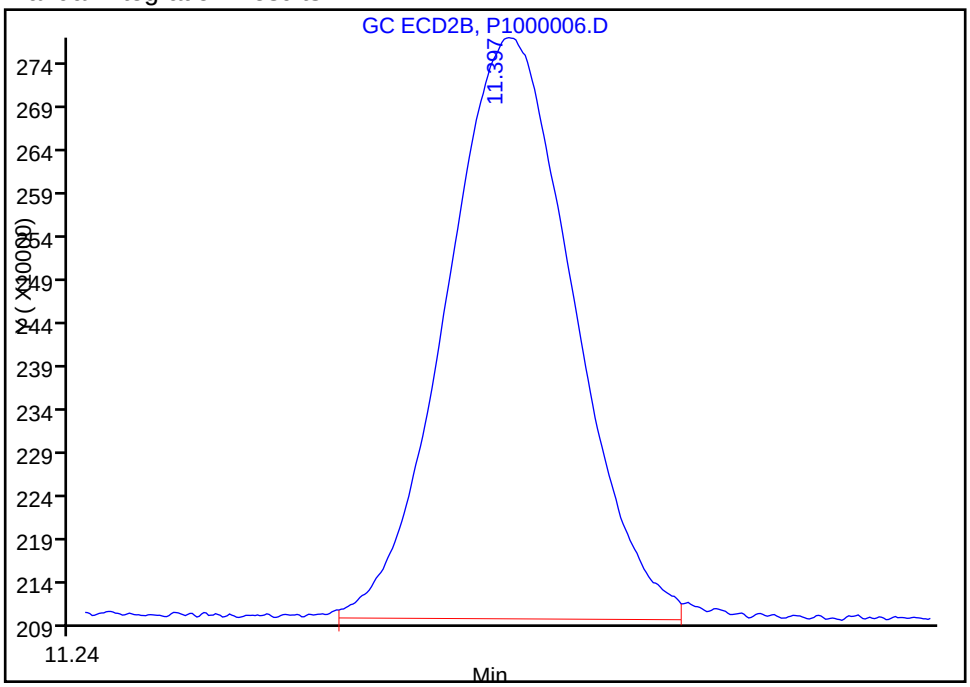
Processing Integration Results

RT: 11.40
Response: 647272
Amount: 0.003371



Manual Integration Results

RT: 11.40
Response: 660700
Amount: 0.003417



Reviewer: roachc, 04-Dec-2012 07:58:06
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000007.D		
Lims ID:	Std Corp2	Client ID:	
Inject. Date:	03-Dec-2012 18:17:22	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0015481-007		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	67147	Lims Sample ID:	7
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:16	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:16

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.247	0.001	10070689	0.0220	
2	1.388	1.387	0.001	3068558	0.0211	
					RPD = 4.15	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.977	0.002	6730912	0.0452	
2	7.629	7.629	0.000	2643576	0.0426	
					RPD = 5.85	
6 Dicamba						
1	7.144	7.144	0.000	13648850	0.0221	
2	7.796	7.797	-0.001	5254637	0.0205	
					RPD = 7.23	
10 MCPP						
1	7.429	7.428	0.001	3361524	4.05	
2	7.981	7.982	-0.001	1330598	3.97	
					RPD = 2.01	
9 MCPA						
1	7.592	7.591	0.001	4590699	4.05	
2	8.234	8.233	0.001	1871817	4.22	
					RPD = 4.16	
7 Dichlorprop						
1	7.964	7.962	0.002	6369184	0.0460	
2	8.594	8.593	0.001	2219646	0.0421	
					RPD = 8.86	
2 2,4-D						
1	8.204	8.199	0.005	6345052	0.0421	
2	8.953	8.950	0.003	2548293	0.0411	
					RPD = 2.53	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.079	9.077	0.002	7861390	0.0103	
2	9.892	9.889	0.003	2857261	0.0101	
					RPD = 2.29	
1 2,4,5-T						
1	9.396	9.390	0.006	6203754	0.0101	
2	10.369	10.367	0.002	2363743	0.009743	
					RPD = 3.67	
3 2,4-DB						
1	10.024	10.021	0.003	2705077	0.0424	
2	11.022	11.017	0.005	1102745	0.0415	
					RPD = 2.04	
8 Dinoseb						M
1	11.234	11.229	0.005	3346932	0.006616	
2	11.398	11.396	0.002	1258558	0.006509	M
					RPD = 1.64	

QC Flag Legend

Review Flags
M - Manually Integrated

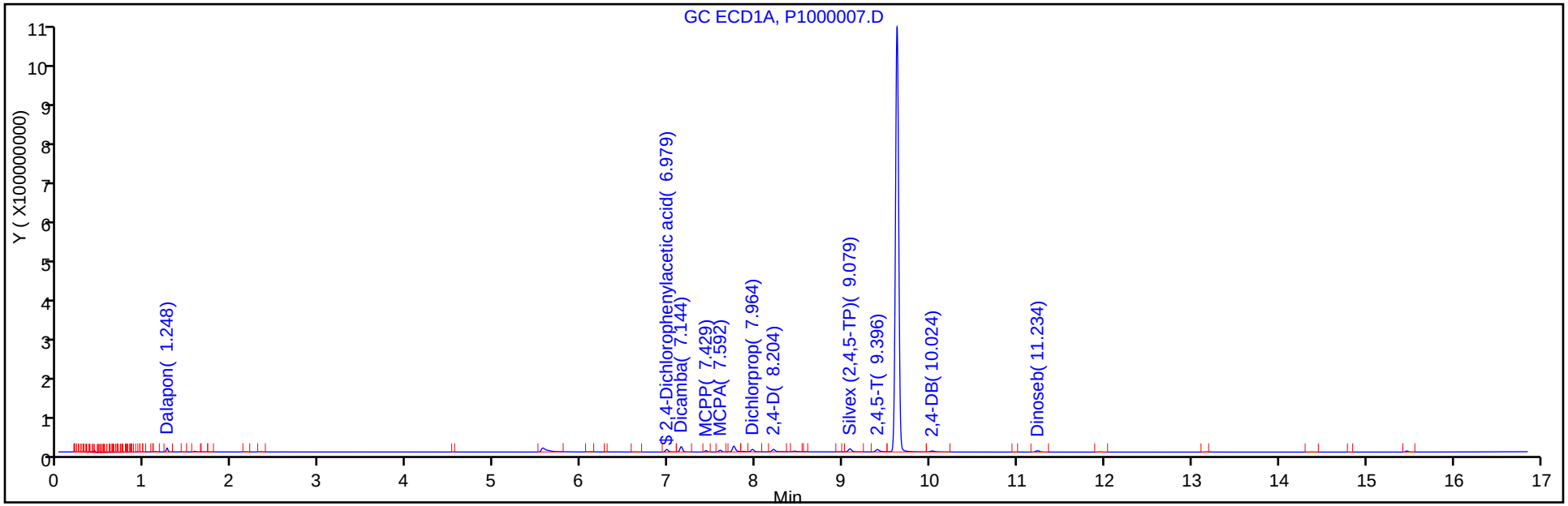
Report Date: 04-Dec-2012 09:15:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

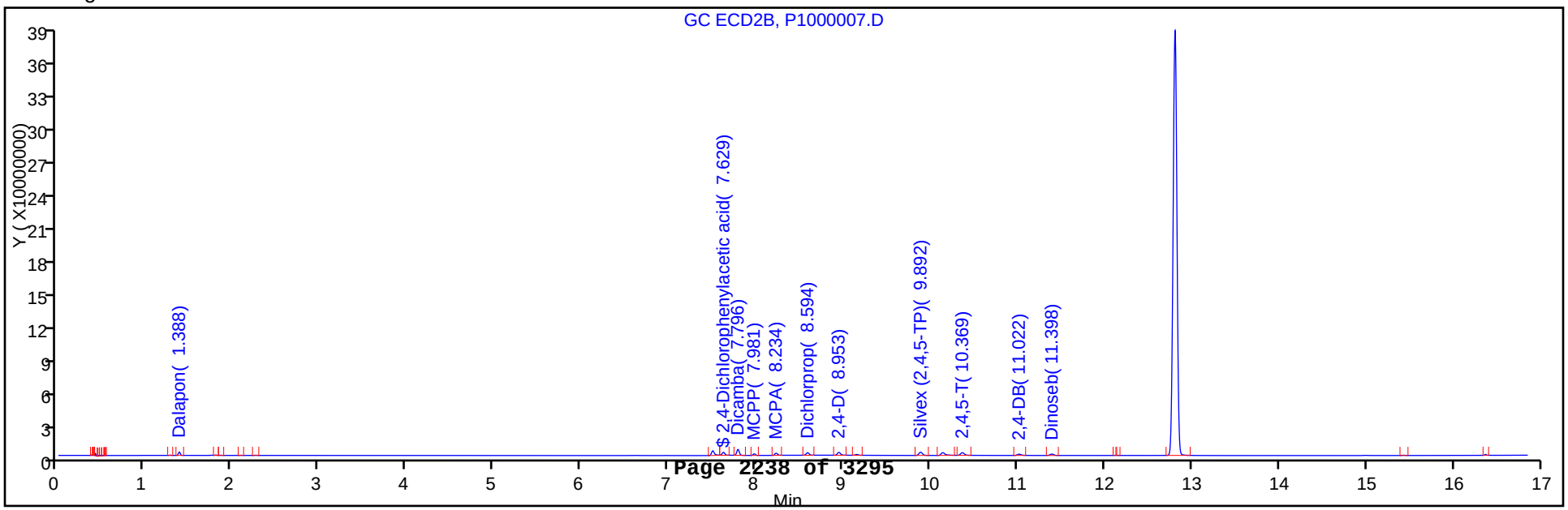
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000007.D

Injection Date:	03-Dec-2012 18:17:22	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	7
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

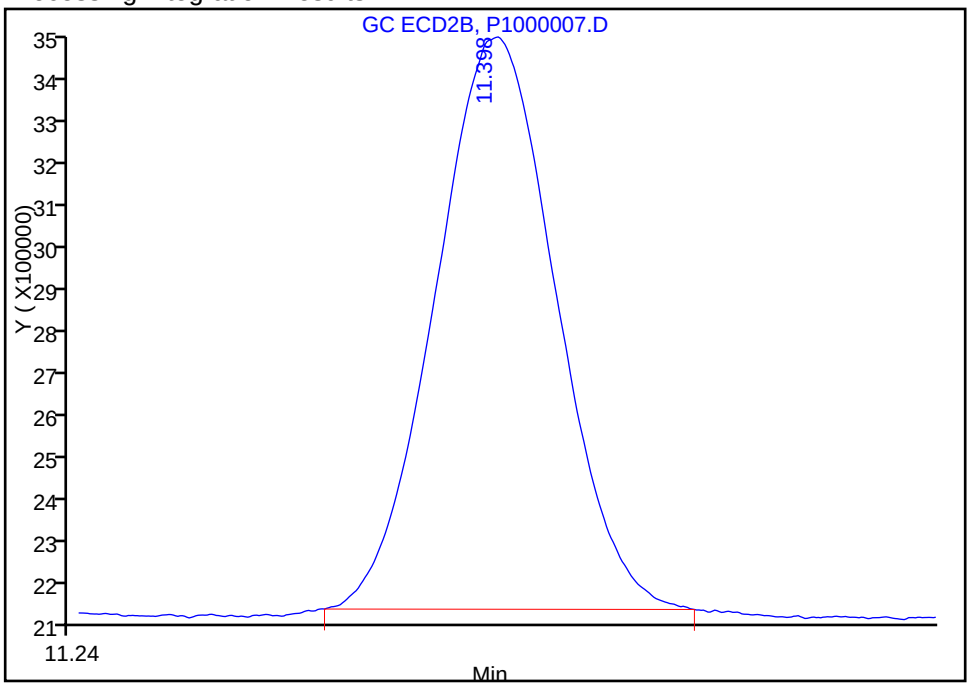
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000007.D		
Injection Date:	03-Dec-2012 18:17:22	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	7
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

8 Dinoseb, Signal: 2, Type: quant, RT: 11.40, Det: GC ecd2b

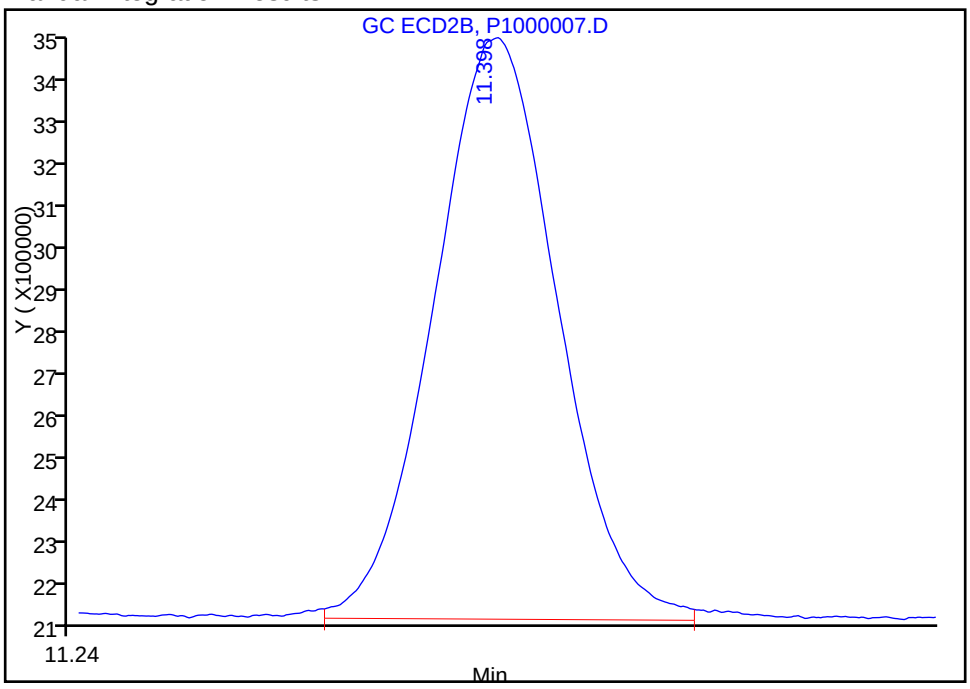
Processing Integration Results

RT: 11.40
Response: 1236931
Amount: 0.006417



Manual Integration Results

RT: 11.40
Response: 1258558
Amount: 0.006509



Reviewer: roachc, 04-Dec-2012 07:59:01
Audit Action: Assigned New Baseline
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000008.D		
Lims ID:	Std Corp3	Client ID:	
Inject. Date:	03-Dec-2012 18:41:03	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	3
Sample ID:	240-0015481-008		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	67147	Lims Sample ID:	8
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:28	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:28

	Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
	5 Dalapon						
	1	1.248	1.248	0.000	18870741	0.0413	
	2	1.388	1.388	0.000	5874679	0.0404	
						RPD = 2.01	
$	4 2,4-Dichlorophenylacetic acid						
	1	6.979	6.979	0.000	12571987	0.0843	
	2	7.629	7.629	0.000	5098854	0.0821	
						RPD = 2.64	
	6 Dicamba						
	1	7.145	7.145	0.000	25619907	0.0415	
	2	7.797	7.797	0.000	10349643	0.0405	
						RPD = 2.42	
	10 MCPP						
	1	7.429	7.429	0.000	5903220	9.04	
	2	7.982	7.982	0.000	2396223	8.86	
						RPD = 2.01	
	9 MCPA						
	1	7.593	7.593	0.000	7697459	9.03	
	2	8.233	8.233	0.000	3289686	9.67	
						RPD = 6.83	
	7 Dichlorprop						M
	1	7.964	7.964	0.000	11613196	0.0839	
	2	8.594	8.594	0.000	4282046	0.0812	M
						RPD = 3.23	
	2 2,4-D						
	1	8.202	8.202	0.000	12712921	0.0844	
	2	8.950	8.950	0.000	5014235	0.0809	
						RPD = 4.33	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.079	9.079	0.000	15570595	0.0204	
2	9.889	9.889	0.000	5589857	0.0197	
					RPD = 3.52	
1 2,4,5-T						
1	9.394	9.394	0.000	12165220	0.0198	
2	10.369	10.369	0.000	4840695	0.0200	
					RPD = 0.67	
3 2,4-DB						
1	10.024	10.024	0.000	5239246	0.0821	
2	11.019	11.019	0.000	2157722	0.0812	
					RPD = 1.02	
8 Dinoseb						
1	11.231	11.231	0.000	6202413	0.0123	
2	11.395	11.395	0.000	2310831	0.0120	
					RPD = 2.57	

QC Flag Legend

Review Flags
M - Manually Integrated

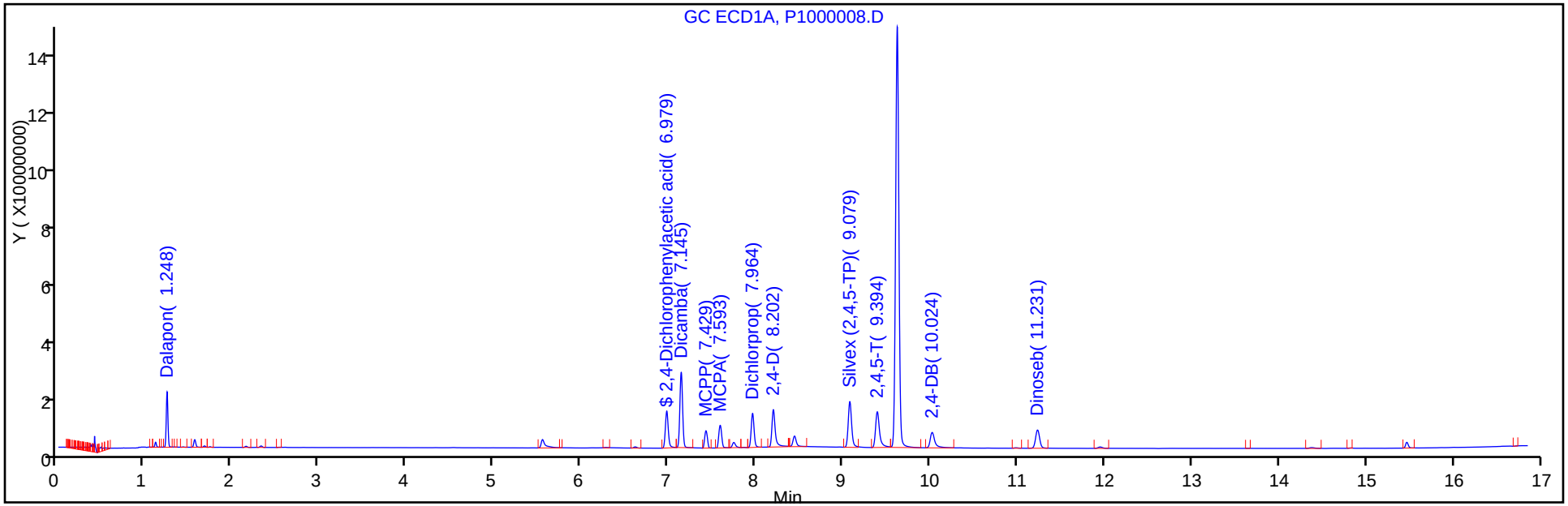
Report Date: 04-Dec-2012 09:15:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

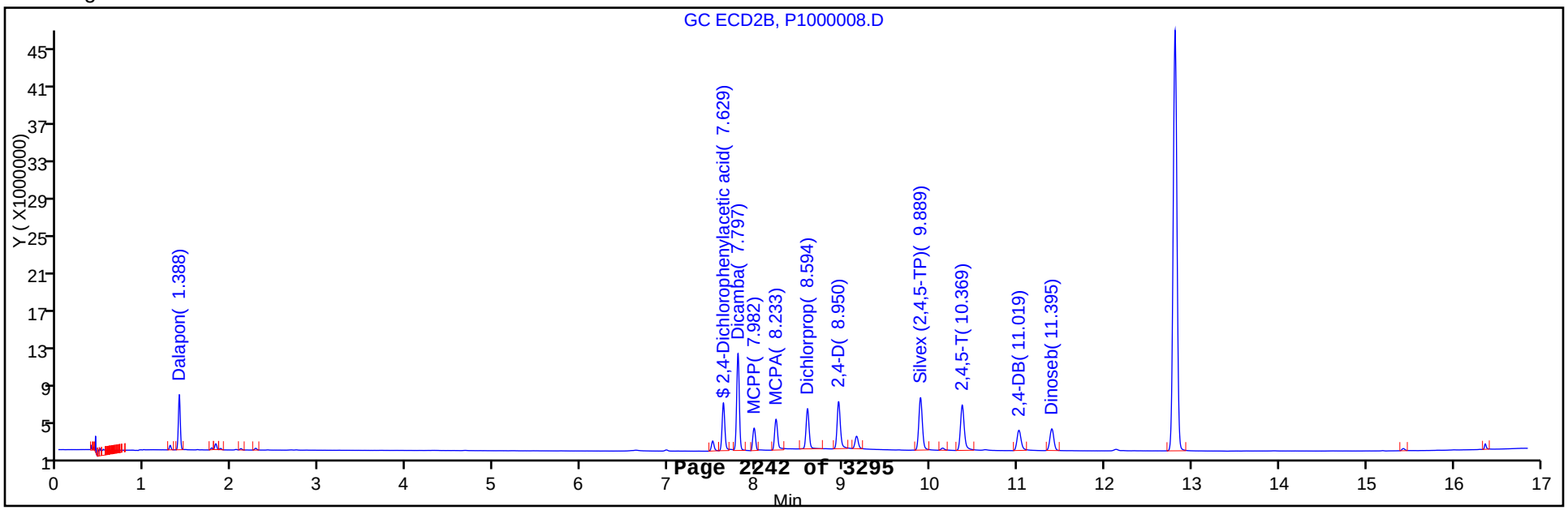
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000008.D

Injection Date:	03-Dec-2012 18:41:03	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	8
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

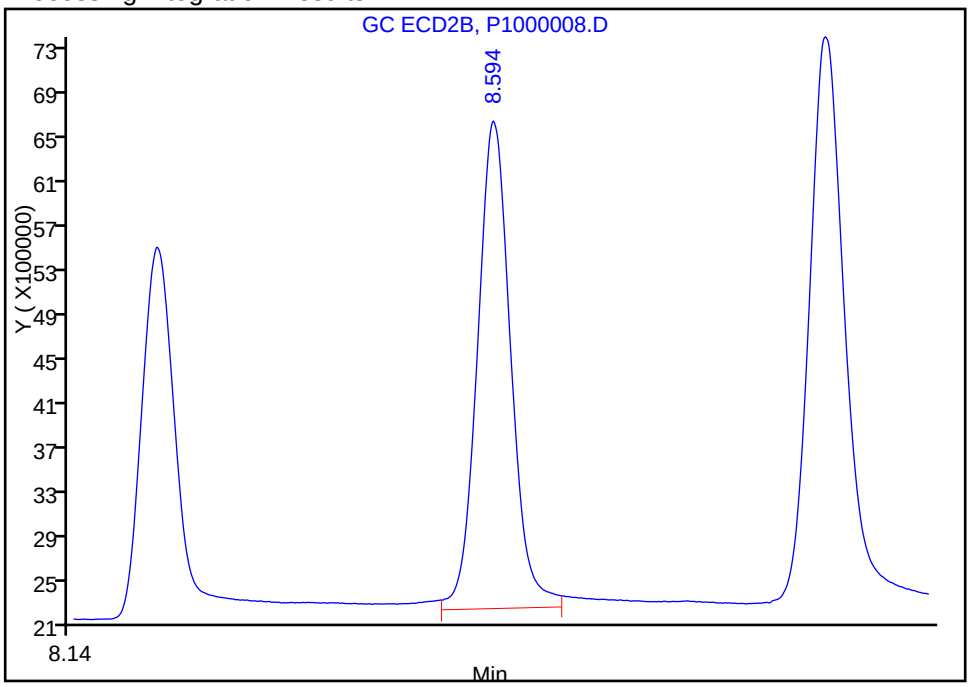
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000008.D		
Injection Date:	03-Dec-2012 18:41:03	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	8
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

7 Dichlorprop, Signal: 2, Type: quant, RT: 8.59, Det: GC ecd2b

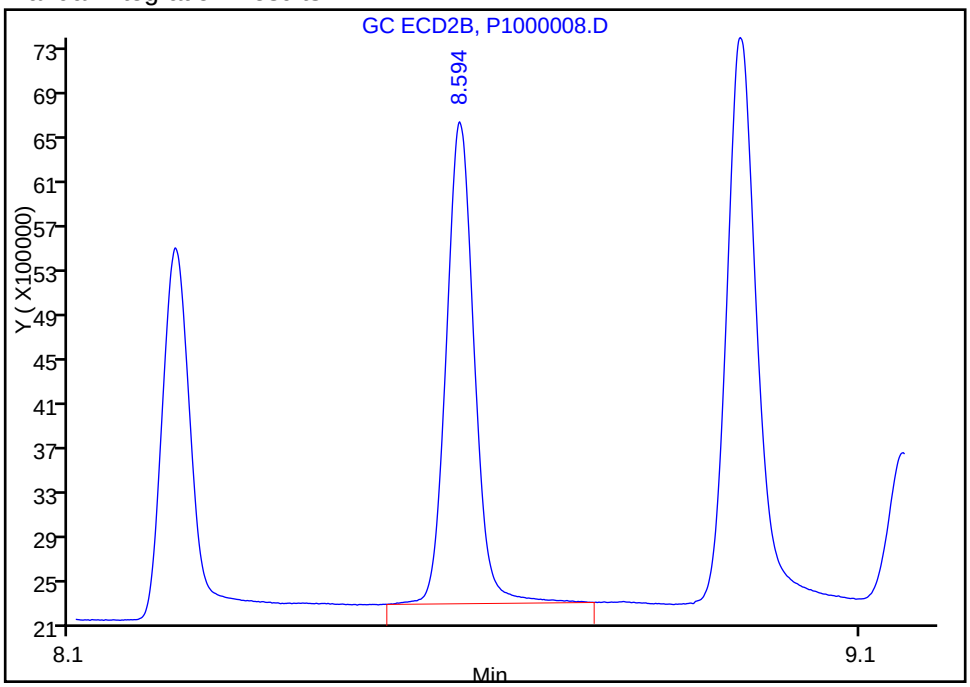
Processing Integration Results

RT: 8.59
Response: 4330919
Amount: 0.081994



Manual Integration Results

RT: 8.59
Response: 4282046
Amount: 0.081225



Reviewer: roachc, 04-Dec-2012 07:59:55
Audit Action: Manually Integrated
Audit Reason: Baseline Event

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000009.D		
Lims ID:	Std Corp4	Client ID:	
Inject. Date:	03-Dec-2012 19:04:40	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015481-009		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	67147	Lims Sample ID:	9
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:39	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.247	1.248	-0.001	34858681	0.0762	
2	1.388	1.388	0.000	11107906	0.0765	
					RPD = 0.32	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.979	0.000	22729272	0.1525	
2	7.629	7.629	0.000	9412608	0.1516	
					RPD = 0.56	
6 Dicamba						
1	7.144	7.145	-0.001	47531523	0.0769	
2	7.795	7.797	-0.002	20289132	0.0793	
					RPD = 3.09	
10 MCPP						
1	7.429	7.429	0.000	9684337	16.8	
2	7.982	7.982	0.000	4021745	16.6	
					RPD = 1.29	
9 MCPA						
1	7.592	7.593	-0.001	12261728	16.7	
2	8.233	8.233	0.000	5351638	17.6	
					RPD = 5.31	
7 Dichlorprop						
1	7.963	7.964	-0.001	21246461	0.1535	
2	8.594	8.594	0.000	8024771	0.1522	
					RPD = 0.82	
2 2,4-D						
1	8.200	8.202	-0.002	23863325	0.1585	
2	8.950	8.950	0.000	9688389	0.1563	
					RPD = 1.44	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.078	9.079	-0.001	30552412	0.0400	
2	9.891	9.889	0.002	11206626	0.0395	
					RPD = 1.37	
1 2,4,5-T						
1	9.392	9.394	-0.002	24530328	0.0400	
2	10.368	10.369	-0.001	9639961	0.0397	
					RPD = 0.58	
3 2,4-DB						
1	10.020	10.024	-0.004	10148719	0.1590	
2	11.019	11.019	0.000	4100950	0.1544	
					RPD = 2.92	
8 Dinoseb						
1	11.232	11.231	0.001	11549493	0.0228	
2	11.397	11.395	0.002	4395673	0.0227	
					RPD = 0.44	

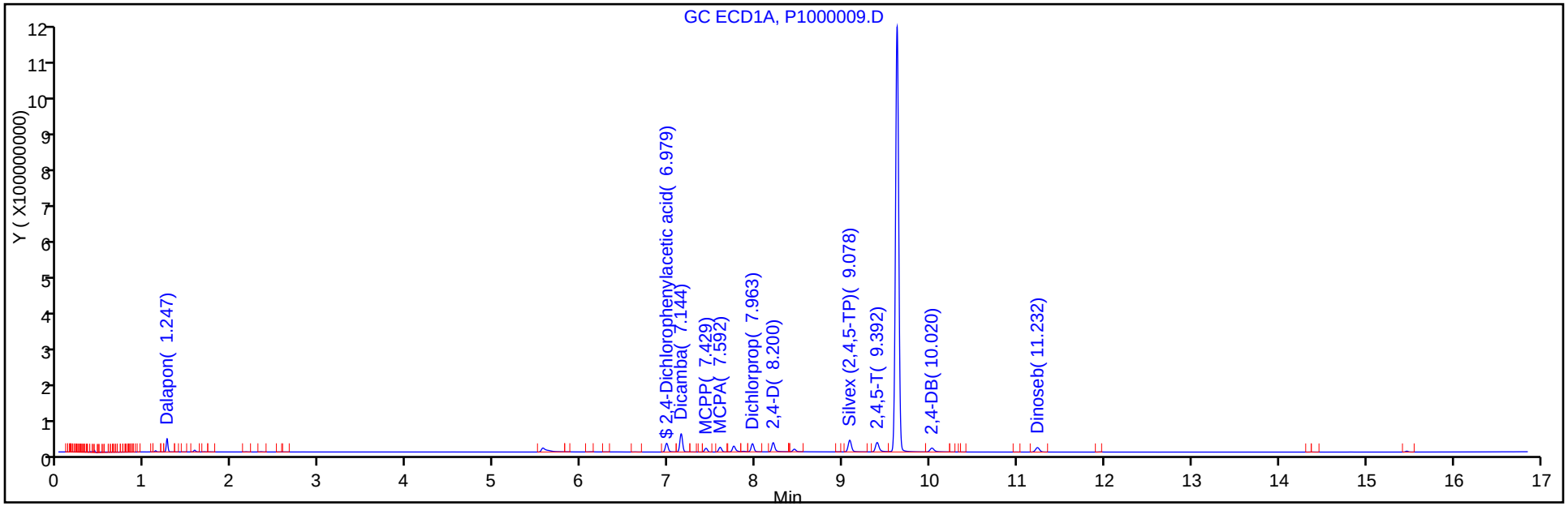
Report Date: 04-Dec-2012 09:15:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

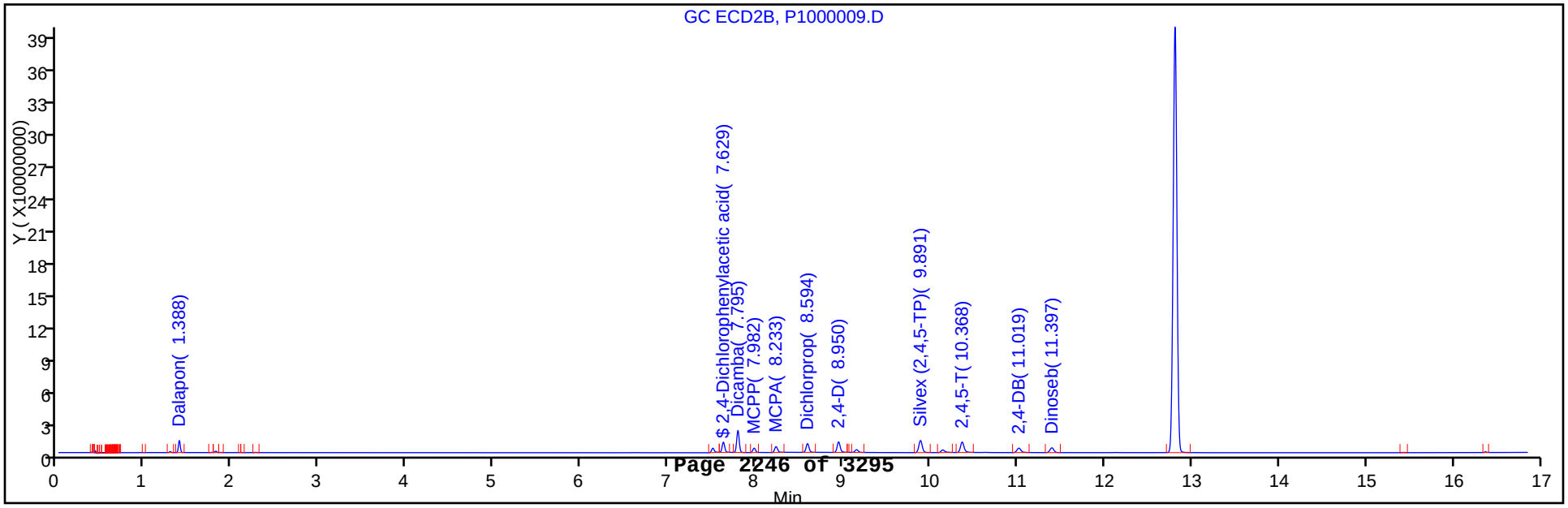
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000009.D

Injection Date:	03-Dec-2012 19:04:40	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	9
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000010.D		
Lims ID:	Std Corp5	Client ID:	
Inject. Date:	03-Dec-2012 19:28:32	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015481-010		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	67147	Lims Sample ID:	10
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:46	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:46

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.248	0.000	64464485	0.1409	
2	1.388	1.388	0.000	21568381	0.1485	
					RPD = 5.20	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.980	6.979	0.001	41394251	0.2777	
2	7.629	7.629	0.000	18205505	0.2933	
					RPD = 5.46	
6 Dicamba						
1	7.146	7.145	0.001	89217031	0.1444	
2	7.796	7.797	-0.001	39099962	0.1529	
					RPD = 5.73	
10 MCPP						
1	7.431	7.429	0.002	15928704	30.9	
2	7.982	7.982	0.000	6860738	31.2	
					RPD = 0.92	
9 MCPA						
1	7.593	7.593	0.000	20151184	31.0	
2	8.233	8.233	0.000	9176494	32.3	
					RPD = 3.89	
7 Dichlorprop						
1	7.962	7.964	-0.002	38291247	0.2766	
2	8.594	8.594	0.000	15589718	0.2957	
					RPD = 6.68	
2 2,4-D						
1	8.199	8.202	-0.003	44428439	0.2951	
2	8.950	8.950	0.000	18850994	0.3040	
					RPD = 2.97	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.078	9.079	-0.001	58502217	0.0766	
2	9.889	9.889	0.000	22295209	0.0785	
					RPD = 2.45	
1 2,4,5-T						
1	9.391	9.394	-0.003	49620375	0.0808	
2	10.367	10.369	-0.002	19353671	0.0798	
					RPD = 1.33	
3 2,4-DB						
1	10.019	10.024	-0.005	19127519	0.2996	
2	11.017	11.019	-0.002	7833671	0.2949	
					RPD = 1.58	
8 Dinoseb						
1	11.230	11.231	-0.001	21833119	0.0432	
2	11.395	11.395	0.000	8433303	0.0436	
					RPD = 1.04	

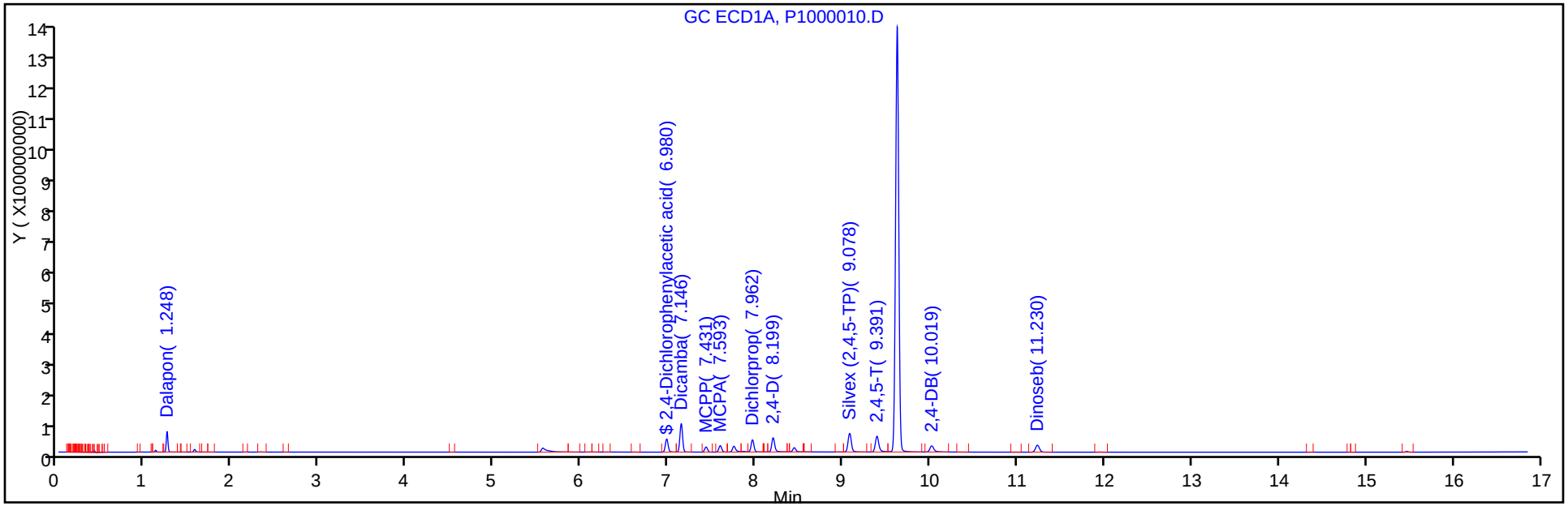
Report Date: 04-Dec-2012 09:15:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

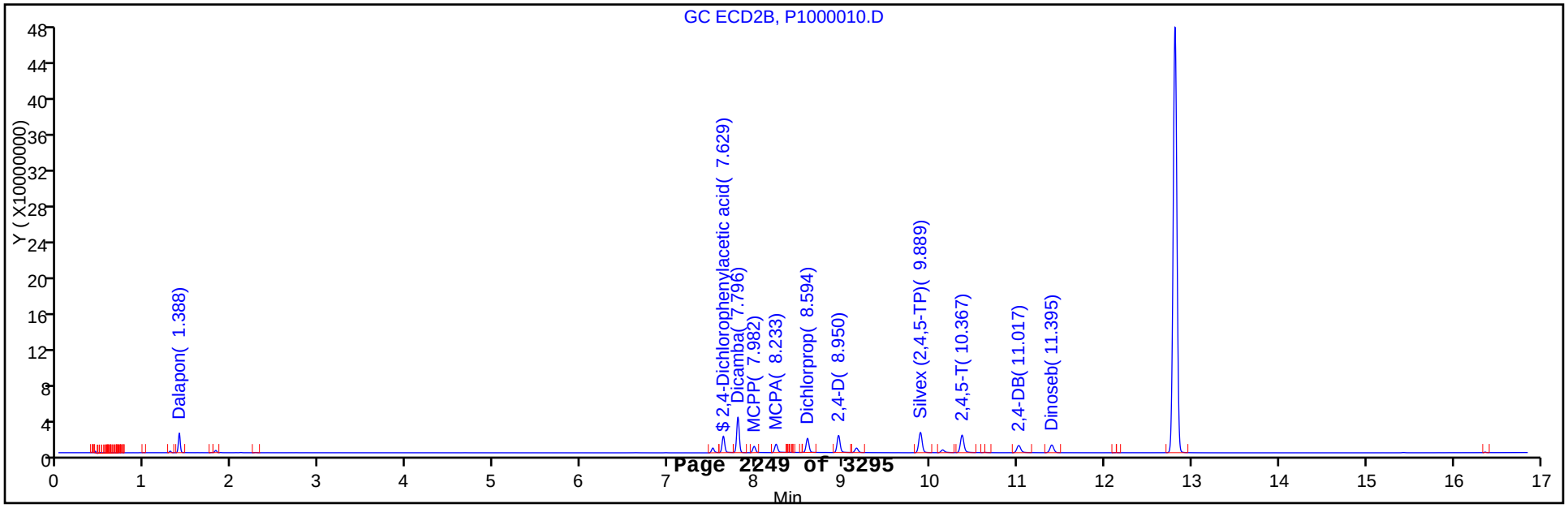
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000010.D

Injection Date:	03-Dec-2012 19:28:32	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Lims ID:	Std Corp6	Client ID:	
Inject. Date:	03-Dec-2012 19:52:08	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0015481-011		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	67147	Lims Sample ID:	11
Sublist:	chrom-8151_1*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 09:15:55	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 09:15:55

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.248	0.000	121288028	0.2652	
2	1.388	1.388	0.000	42289940	0.2911	
					RPD = 9.32	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.977	6.979	-0.002	76833448	0.5154	
2	7.628	7.629	-0.001	35620172	0.5738	
					RPD = 10.72	
6 Dicamba						
1	7.144	7.145	-0.001	165905083	0.2685	
2	7.795	7.797	-0.002	76879929	0.3007	
					RPD = 11.29	
10 MCPP						
1	7.430	7.429	0.001	27783128	64.3	
2	7.982	7.982	0.000	12273119	64.2	
					RPD = 0.14	
9 MCPA						
1	7.592	7.593	-0.001	34976673	64.2	
2	8.234	8.233	0.001	16640034	60.9	
					RPD = 5.32	
7 Dichlorprop						
1	7.961	7.964	-0.003	70803641	0.5115	
2	8.592	8.594	-0.002	30747337	0.5832	
					RPD = 13.12	
2 2,4-D						
1	8.197	8.202	-0.005	84437992	0.5609	
2	8.949	8.950	-0.001	37727601	0.6085	
					RPD = 8.13	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.075	9.079	-0.004	115480945	0.1513	
2	9.888	9.889	-0.001	45316748	0.1596	
					RPD = 5.38	
1 2,4,5-T						
1	9.387	9.394	-0.007	99096490	0.1615	
2	10.364	10.369	-0.005	39796636	0.1640	
					RPD = 1.59	
3 2,4-DB						
1	10.014	10.024	-0.010	39026974	0.6113	
2	11.014	11.019	-0.005	16205984	0.6101	
					RPD = 0.19	
8 Dinoseb						
1	11.229	11.231	-0.002	42511226	0.0840	
2	11.394	11.395	-0.001	17166642	0.0888	
					RPD = 5.48	

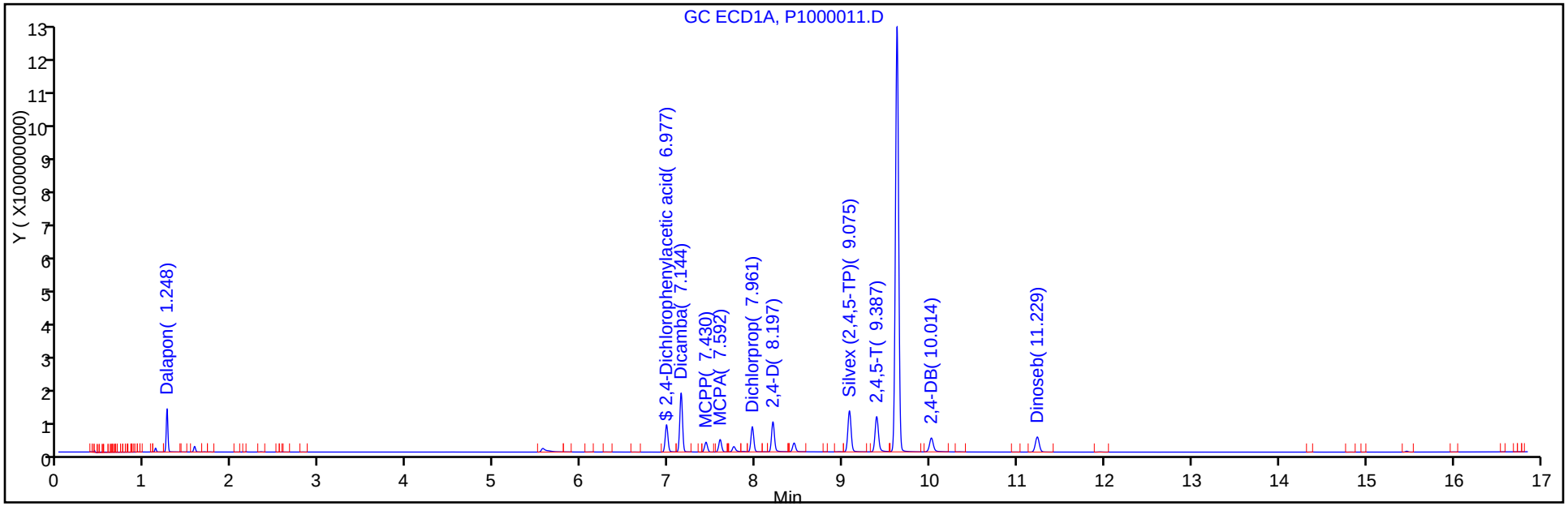
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TestAmerica Canton

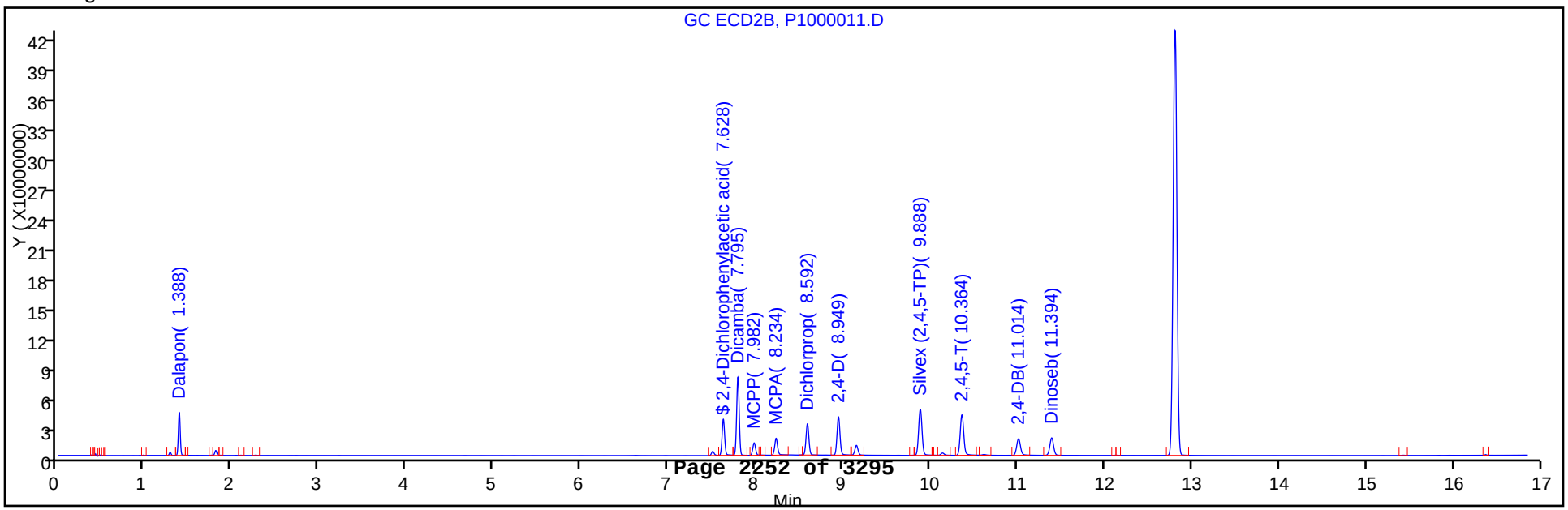
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D

Injection Date:	03-Dec-2012 19:52:08	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	11
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 70766

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/31/2012 14:53 Calibration End Date: 12/31/2012 16:50 Calibration ID: 13037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-70766/5	P1000005.D
Level 2	STD 240-70766/6	P1000006.D
Level 3	STD 240-70766/7	P1000007.D
Level 4	STD 240-70766/8	P1000008.D
Level 5	STD 240-70766/9	P1000009.D
Level 6	STD 240-70766/10	P1000010.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Pentachlorophenol	8.279	8.274	8.274	8.271	8.272	8.270					8.254 - 8.294	8.273

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 70766

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/31/2012 14:53 Calibration End Date: 12/31/2012 16:50 Calibration ID: 13037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-70766/5	P1000005.D
Level 2	STD 240-70766/6	P1000006.D
Level 3	STD 240-70766/7	P1000007.D
Level 4	STD 240-70766/8	P1000008.D
Level 5	STD 240-70766/9	P1000009.D
Level 6	STD 240-70766/10	P1000010.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Pentachlorophenol	1801072000 1686593075	1600148400 1645172838	1613998300	1705871600	Ave		1675476035				4.4		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.: 240-18735-2 Analy Batch No.: 70766

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/31/2012 14:53 Calibration End Date: 12/31/2012 16:50 Calibration ID: 13037

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-70766/5	P1000005.D
Level 2	STD 240-70766/6	P1000006.D
Level 3	STD 240-70766/7	P1000007.D
Level 4	STD 240-70766/8	P1000008.D
Level 5	STD 240-70766/9	P1000009.D
Level 6	STD 240-70766/10	P1000010.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Pentachlorophenol	Ave	900536 131613827	8000742	16139983	34117432	67463723	0.000500 0.0800	0.00500	0.0100	0.0200	0.0400

Curve Type Legend:
Ave = Average by Height

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000005.D		
Lims ID:	STD PCP1	Client ID:	
Inject. Date:	31-Dec-2012 14:53:23	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0016320-005		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	70766	Lims Sample ID:	5
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:43:53	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.279	8.274	0.005	900536	0.000537	
2	9.225	9.224	0.001	376819	0.000532	
					RPD = 1.01	

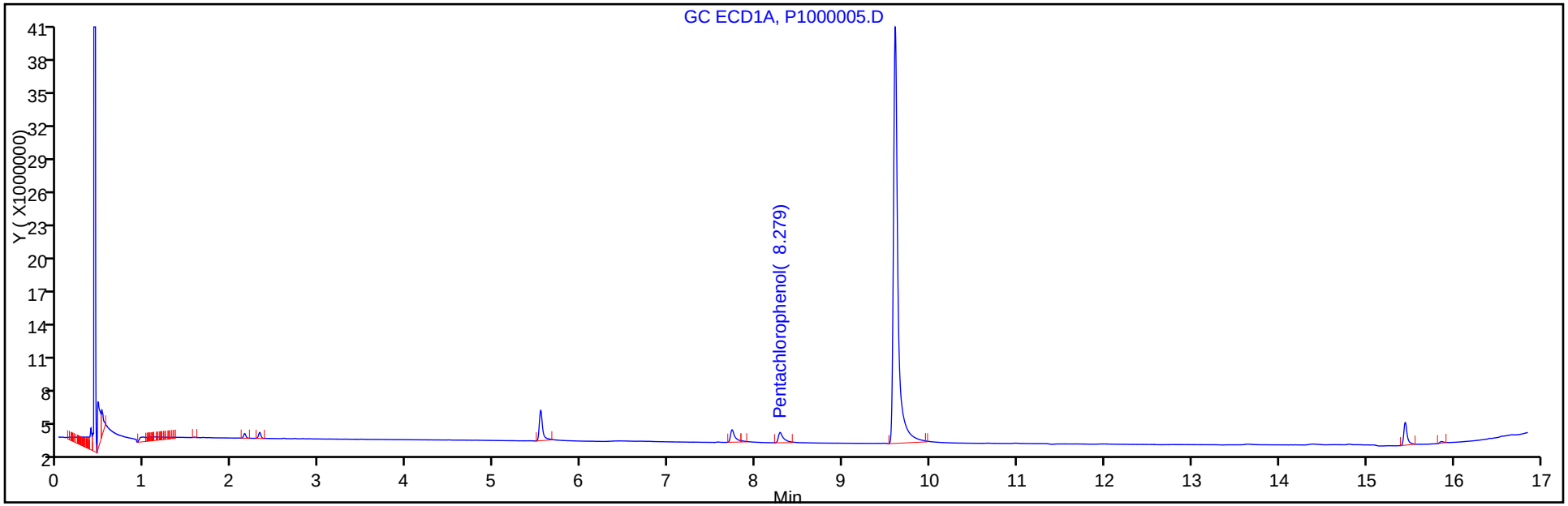
Report Date: 02-Jan-2013 09:43:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

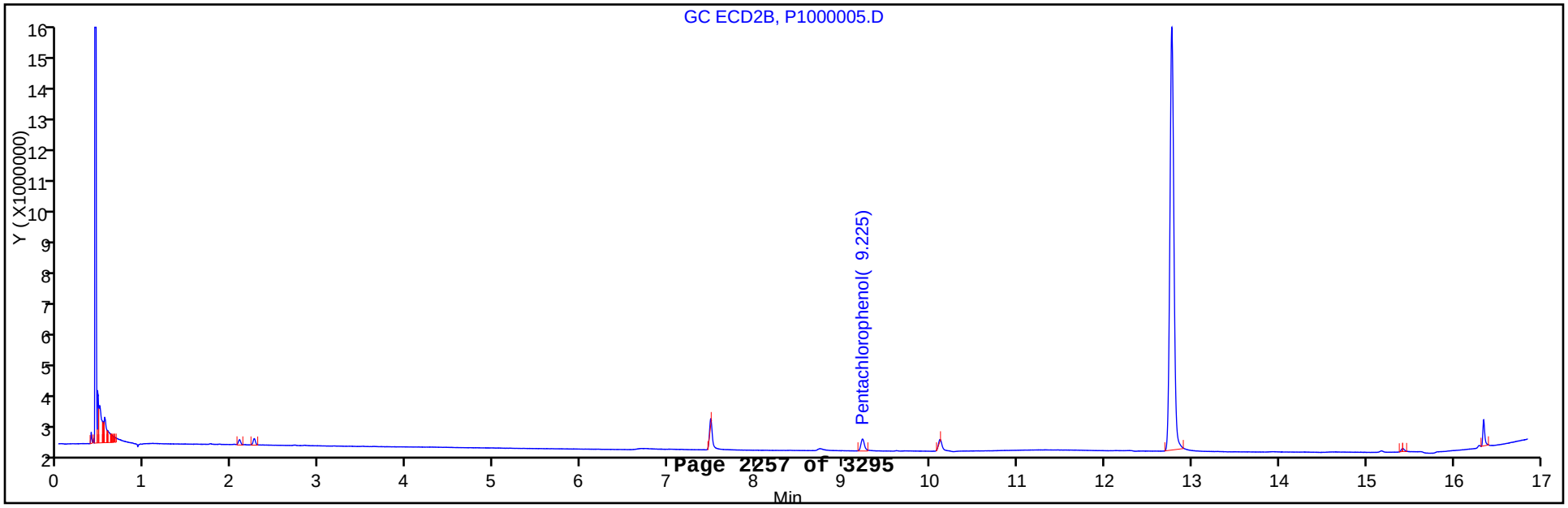
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000005.D

Injection Date:	31-Dec-2012 14:53:23	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	5
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000006.D		
Lims ID:	STD PCP2	Client ID:	
Inject. Date:	31-Dec-2012 15:16:49	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0016320-006		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	70766	Lims Sample ID:	6
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:43:54	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.274	8.274	0.000	8000742	0.004775	
2	9.223	9.224	-0.001	3353508	0.004735	
					RPD = 0.84	

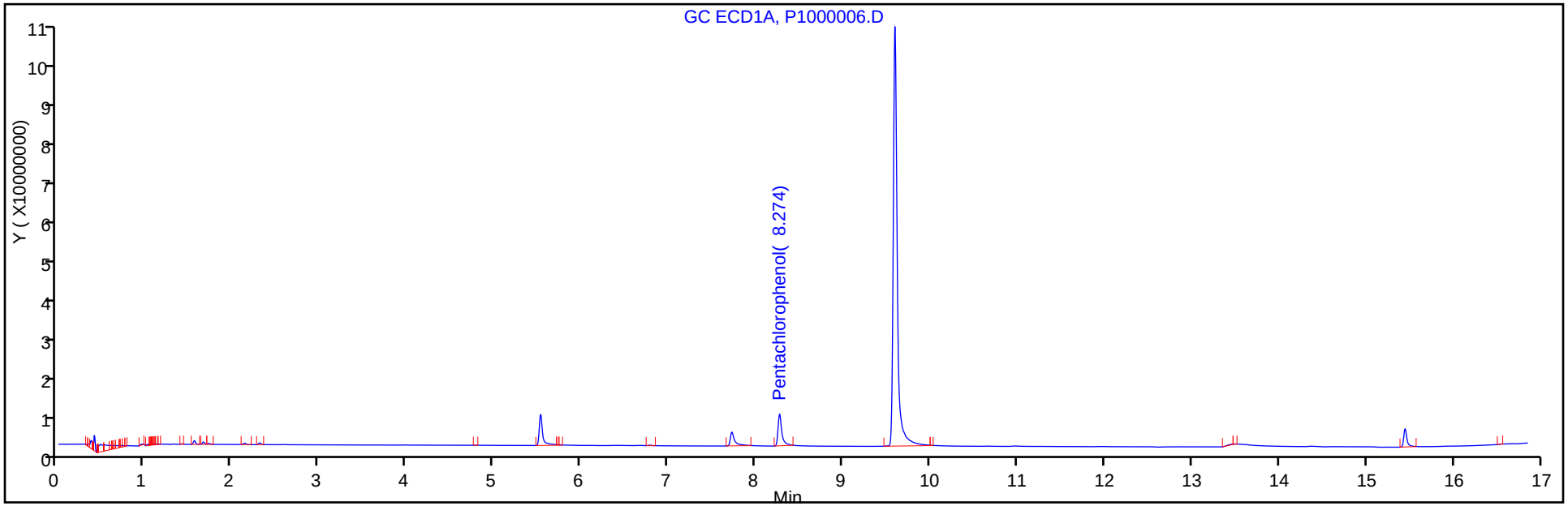
Report Date: 02-Jan-2013 09:43:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

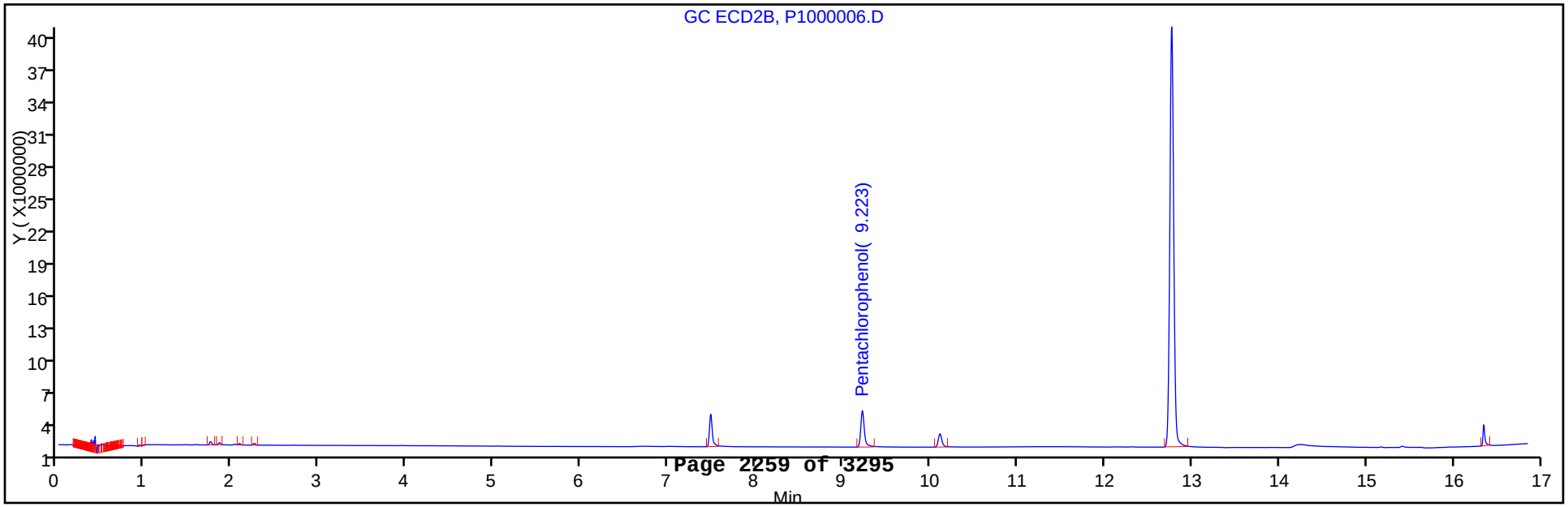
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000006.D

Injection Date:	31-Dec-2012 15:16:49	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000007.D		
Lims ID:	STD PCP3	Client ID:	
Inject. Date:	31-Dec-2012 15:40:24	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0016320-007		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	70766	Lims Sample ID:	7
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:43:56	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.274	8.274	0.000	16139983	0.009633	
2	9.224	9.224	0.000	6677967	0.009430	
					RPD = 2.14	

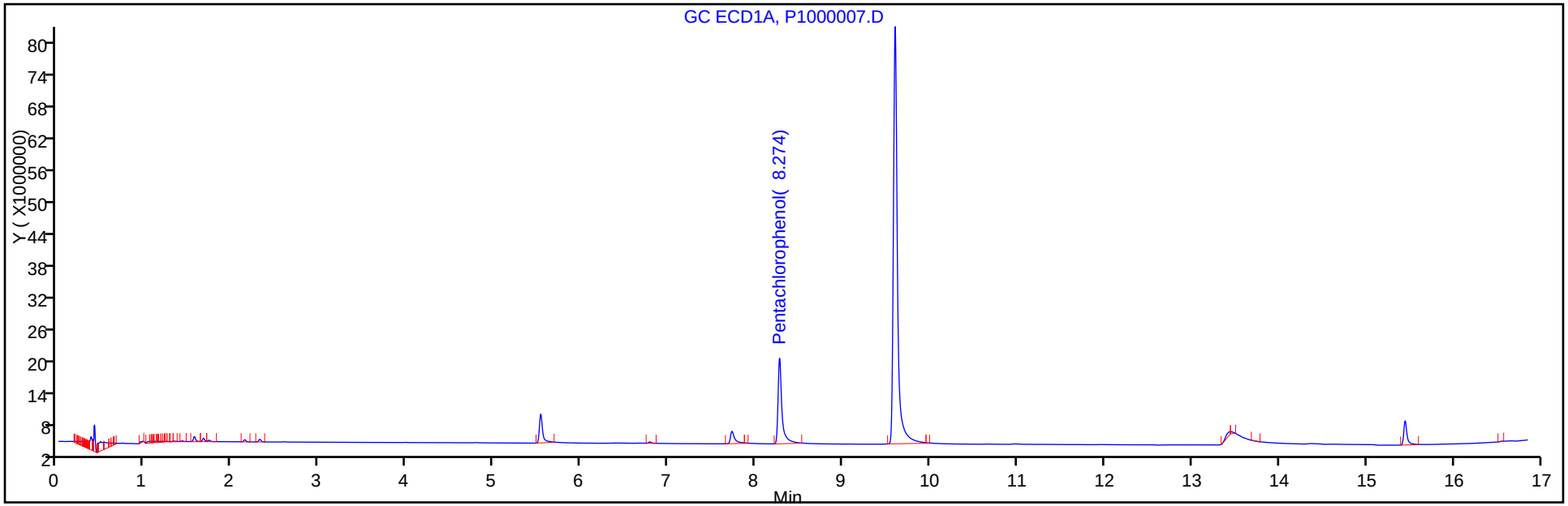
Report Date: 02-Jan-2013 09:43:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

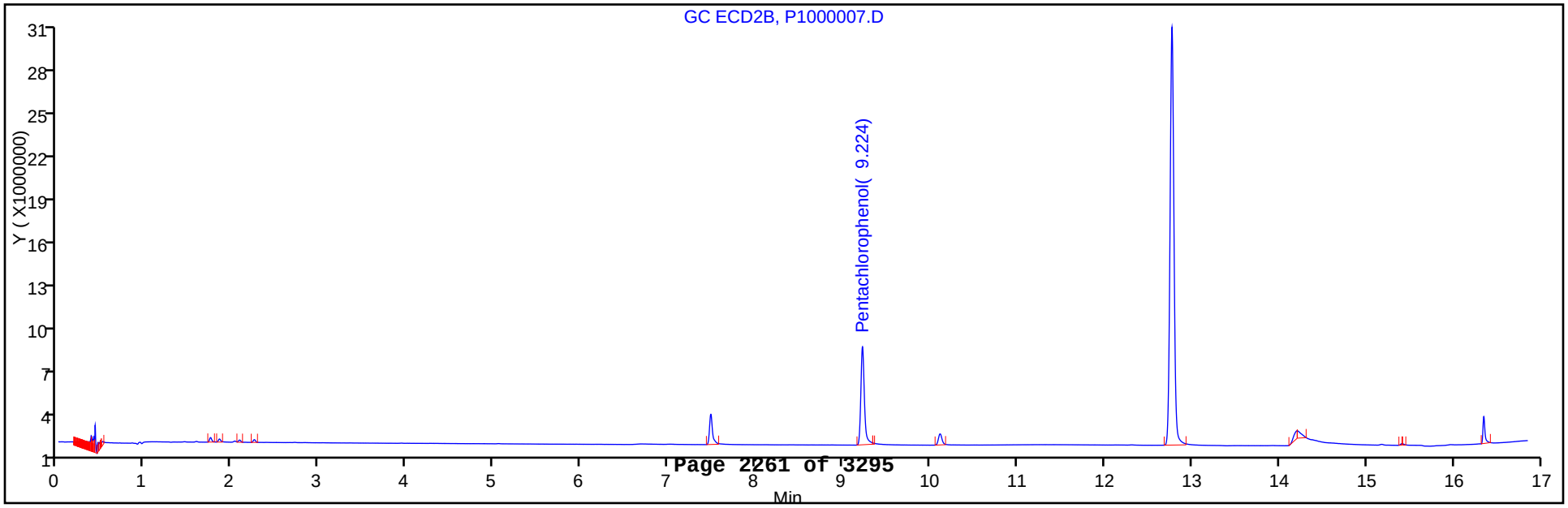
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000007.D

Injection Date:	31-Dec-2012 15:40:24	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	7
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000008.D		
Lims ID:	STD PCP4	Client ID:	
Inject. Date:	31-Dec-2012 16:03:59	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0016320-008		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	70766	Lims Sample ID:	8
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:43:57	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.271	8.274	-0.003	34117432	0.0204	
2	9.222	9.224	-0.002	14209961	0.0201	
					RPD = 1.47	

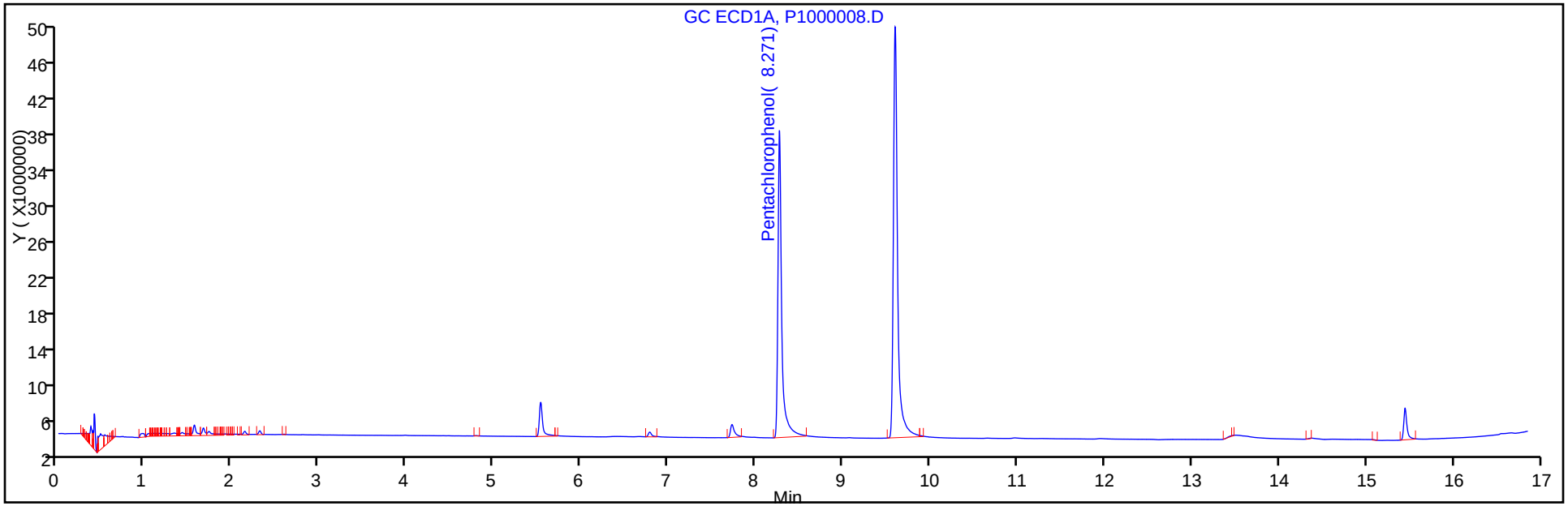
Report Date: 02-Jan-2013 09:43:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

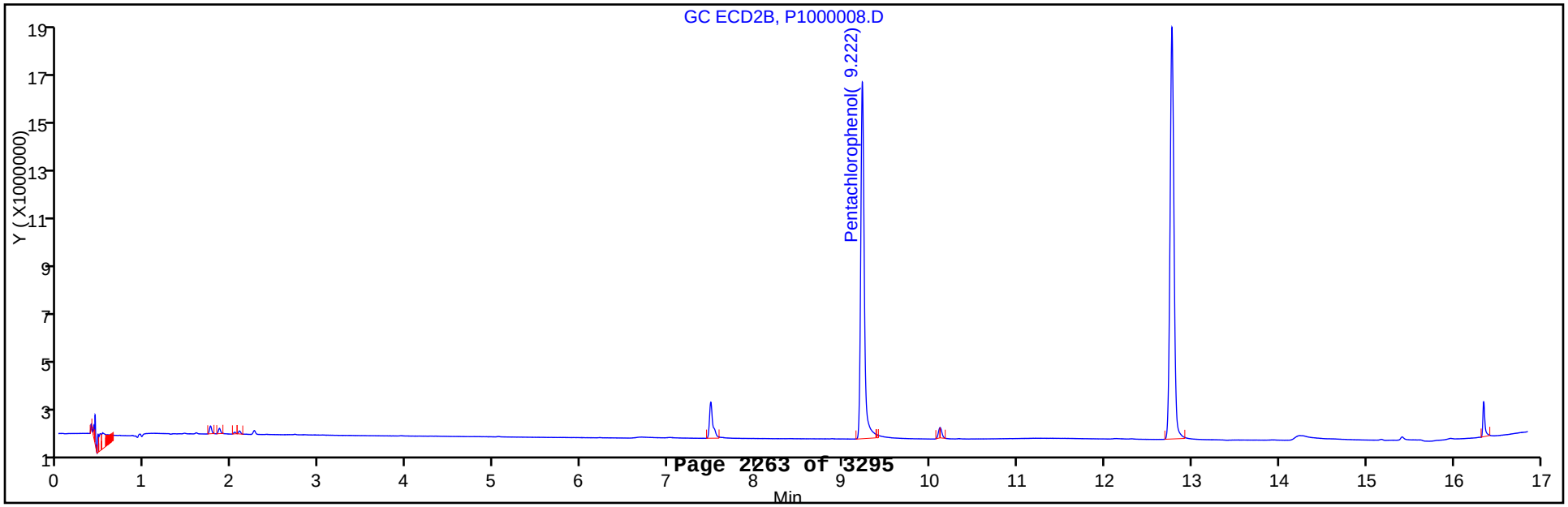
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000008.D

Injection Date:	31-Dec-2012 16:03:59	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	8
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000009.D		
Lims ID:	STD PCP5	Client ID:	
Inject. Date:	31-Dec-2012 16:27:25	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0016320-009		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	70766	Lims Sample ID:	9
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:43:58	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.272	8.274	-0.002	67463723	0.0403	
2	9.222	9.224	-0.002	28956904	0.0409	
					RPD = 1.54	

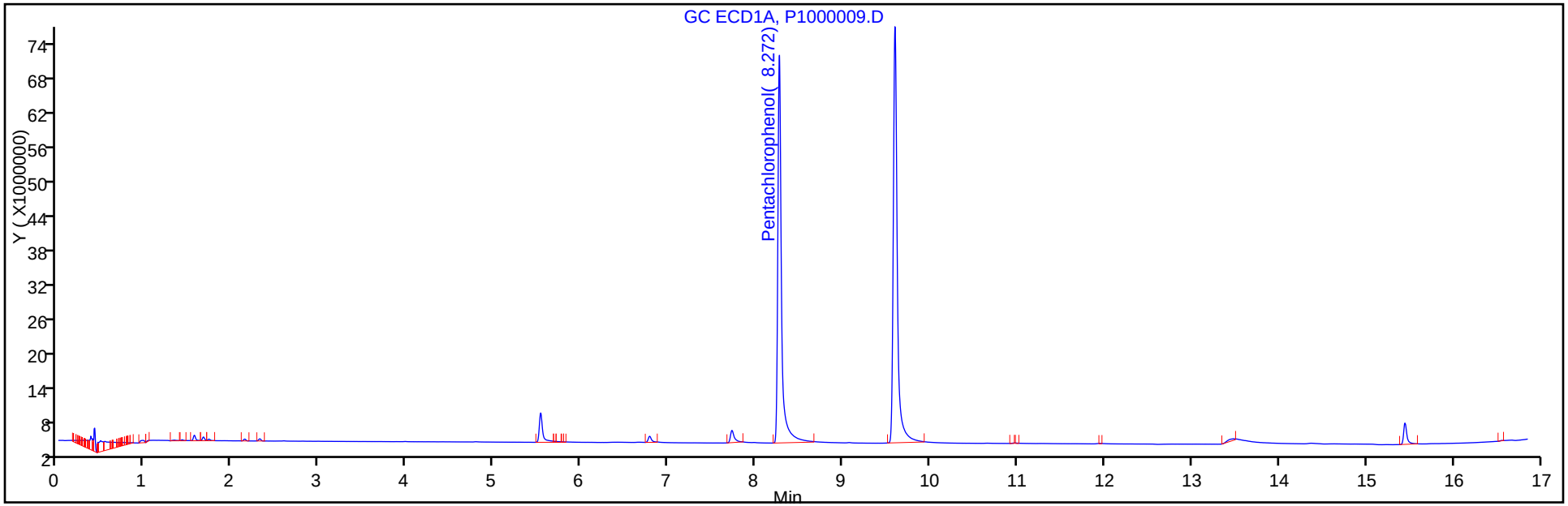
Report Date: 02-Jan-2013 09:43:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

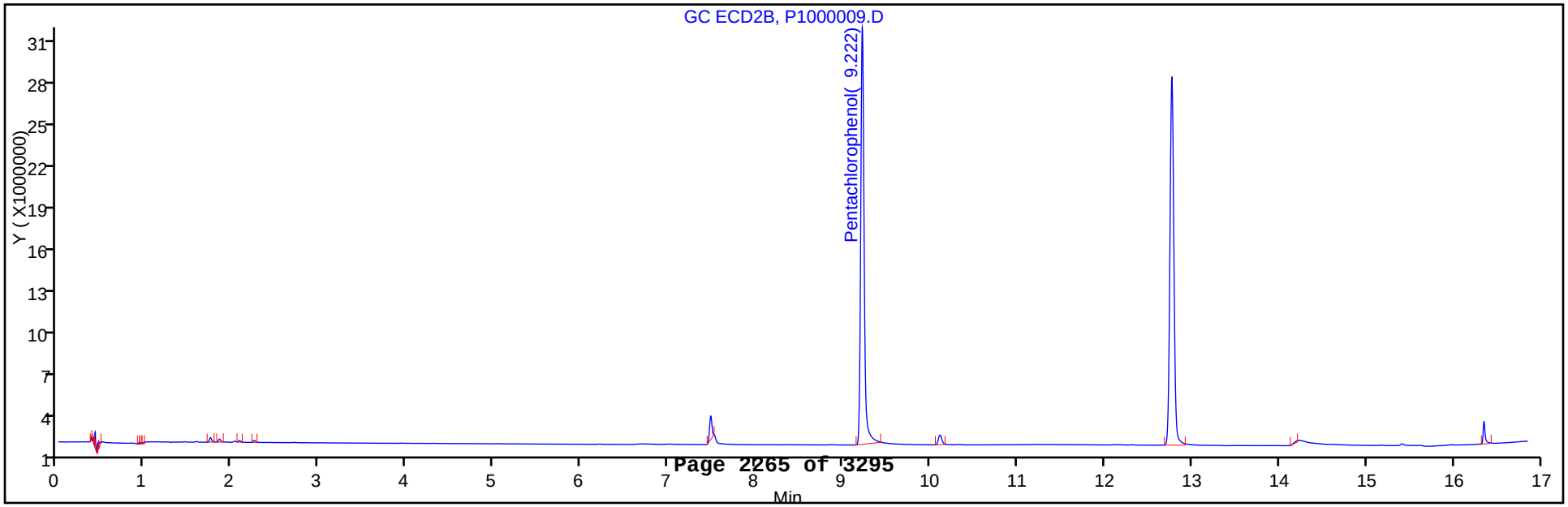
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000009.D

Injection Date:	31-Dec-2012 16:27:25	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	9
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Lims ID:	STD PCP6	Client ID:	
Inject. Date:	31-Dec-2012 16:50:57	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0016320-010		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	70766	Lims Sample ID:	10
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:44:00	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.270	8.274	-0.004	131613827	0.0786	
2	9.222	9.224	-0.002	57809287	0.0816	
					RPD = 3.84	

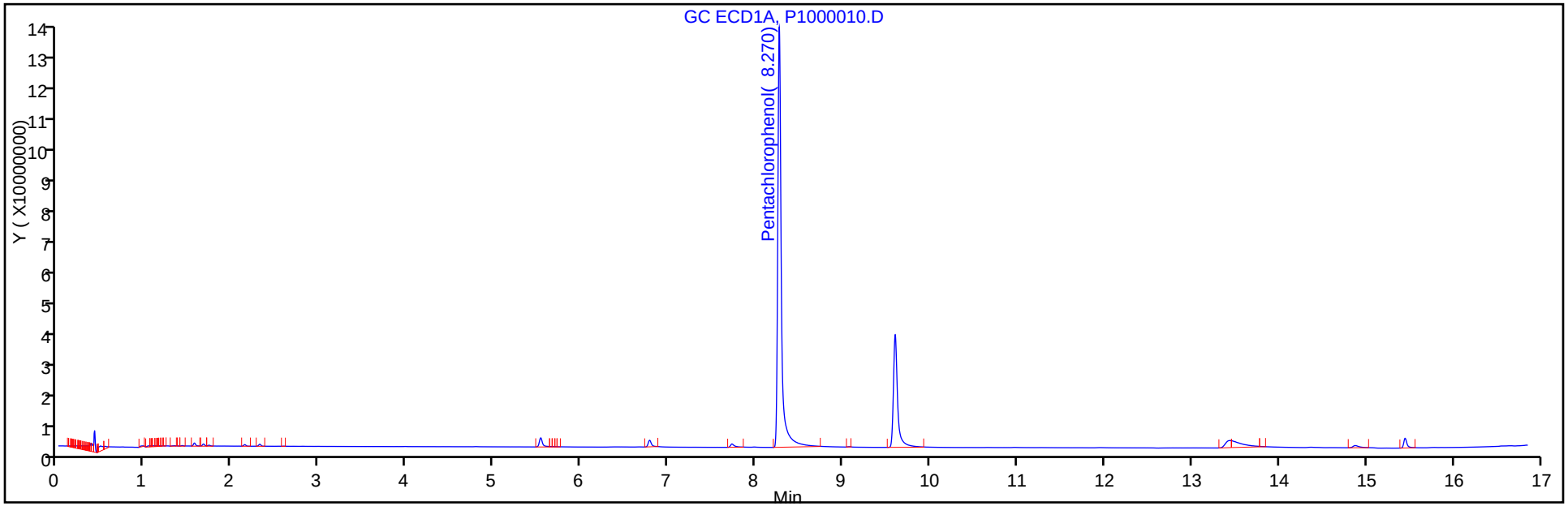
Report Date: 02-Jan-2013 09:44:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

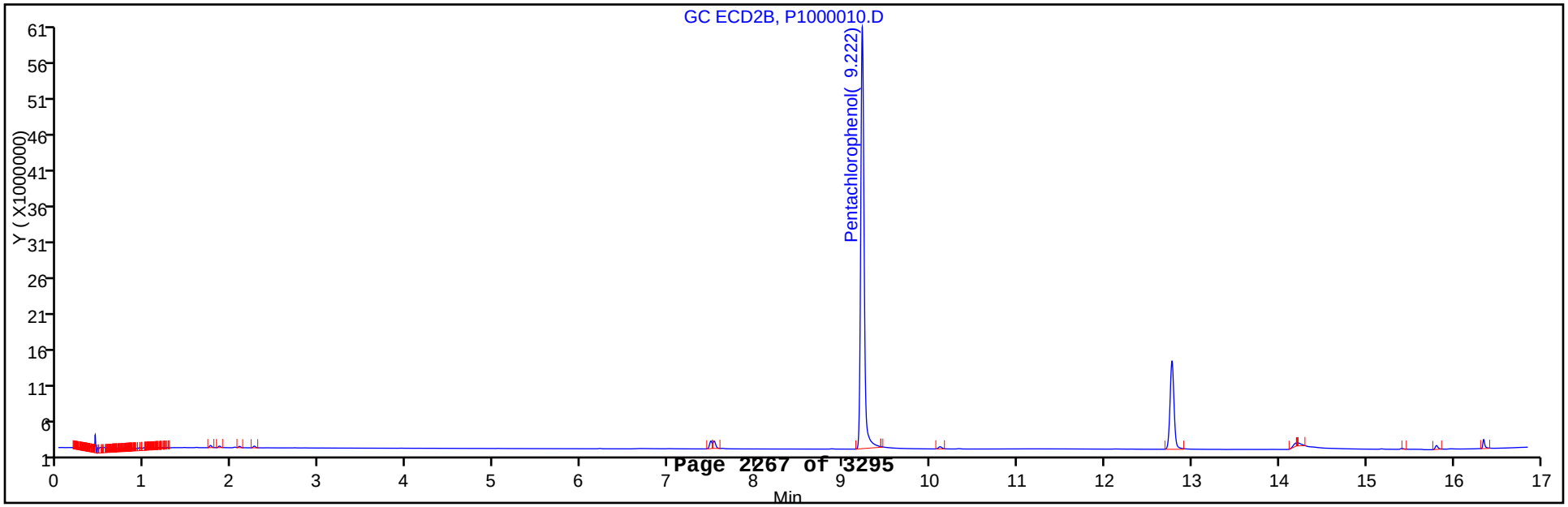
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D

Injection Date:	31-Dec-2012 16:50:57	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 70766

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/31/2012 14:53 Calibration End Date: 12/31/2012 16:50 Calibration ID: 13038

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-70766/5	P1000005.D
Level 2	STD 240-70766/6	P1000006.D
Level 3	STD 240-70766/7	P1000007.D
Level 4	STD 240-70766/8	P1000008.D
Level 5	STD 240-70766/9	P1000009.D
Level 6	STD 240-70766/10	P1000010.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Pentachlorophenol	9.225	9.223	9.224	9.222	9.222	9.222					9.204 - 9.244	9.223

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 70766

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/31/2012 14:53 Calibration End Date: 12/31/2012 16:50 Calibration ID: 13038

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-70766/5	P1000005.D
Level 2	STD 240-70766/6	P1000006.D
Level 3	STD 240-70766/7	P1000007.D
Level 4	STD 240-70766/8	P1000008.D
Level 5	STD 240-70766/9	P1000009.D
Level 6	STD 240-70766/10	P1000010.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Pentachlorophenol	753638000 723922600	670701600 722616088	667796700	710498050	Ave		708195506				4.7		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-18735-2 Analy Batch No.: 70766

SDG No.:

Instrument ID: A2HP1 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/31/2012 14:53 Calibration End Date: 12/31/2012 16:50 Calibration ID: 13038

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 240-70766/5	P1000005.D
Level 2	STD 240-70766/6	P1000006.D
Level 3	STD 240-70766/7	P1000007.D
Level 4	STD 240-70766/8	P1000008.D
Level 5	STD 240-70766/9	P1000009.D
Level 6	STD 240-70766/10	P1000010.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Pentachlorophenol	Ave	376819 57809287	3353508	6677967	14209961	28956904	0.000500 0.0800	0.00500	0.0100	0.0200	0.0400

Curve Type Legend:
Ave = Average by Height

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000005.D		
Lims ID:	STD PCP1	Client ID:	
Inject. Date:	31-Dec-2012 14:53:23	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0016320-005		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	70766	Lims Sample ID:	5
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:43:53	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.279	8.274	0.005	900536	0.000537	
2	9.225	9.224	0.001	376819	0.000532	
					RPD = 1.01	

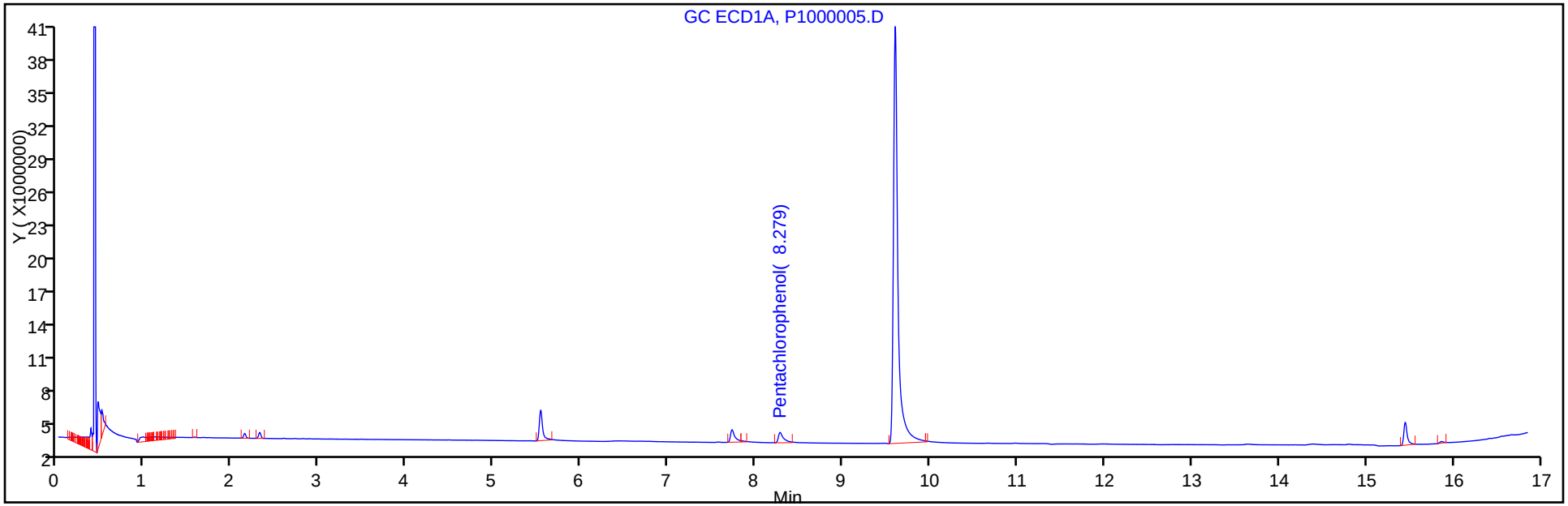
Report Date: 02-Jan-2013 09:43:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

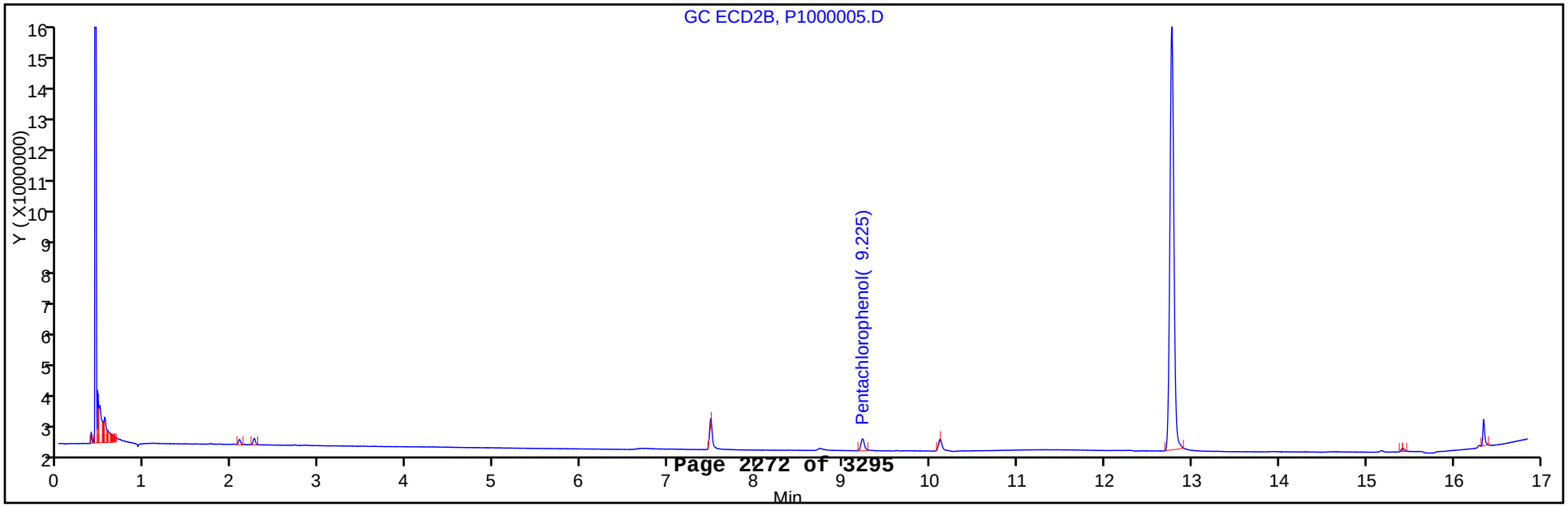
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000005.D

Injection Date:	31-Dec-2012 14:53:23	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	5
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000006.D		
Lims ID:	STD PCP2	Client ID:	
Inject. Date:	31-Dec-2012 15:16:49	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0016320-006		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	70766	Lims Sample ID:	6
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:43:54	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.274	8.274	0.000	8000742	0.004775	
2	9.223	9.224	-0.001	3353508	0.004735	
					RPD = 0.84	

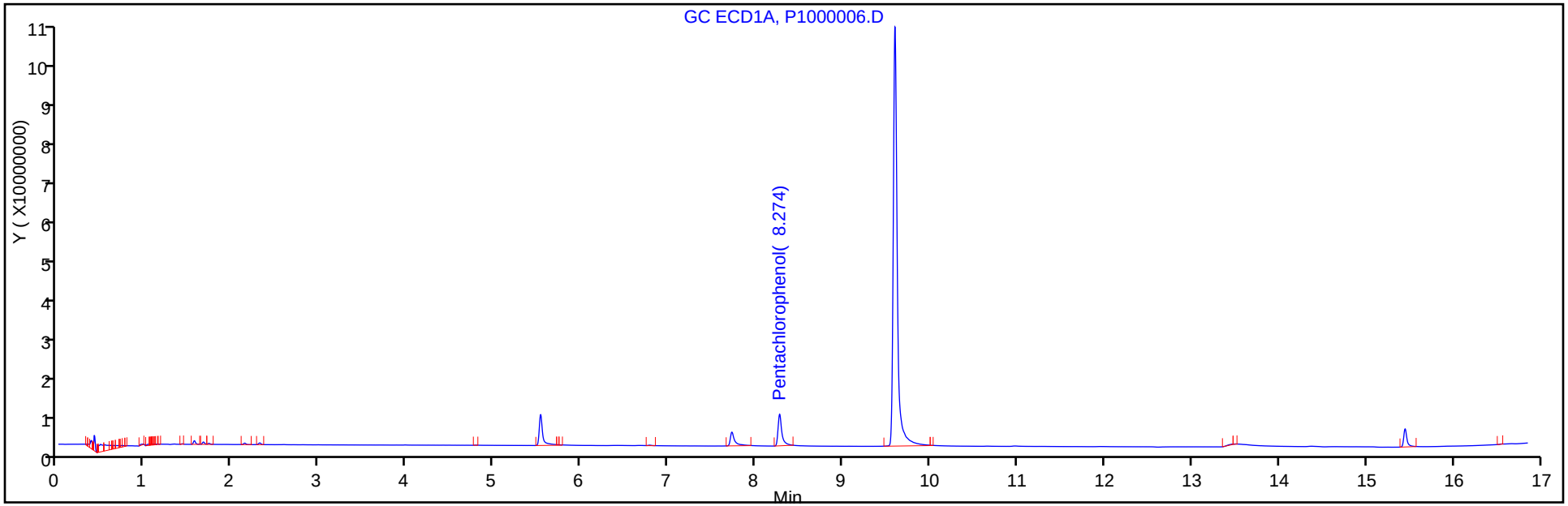
Report Date: 02-Jan-2013 09:43:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

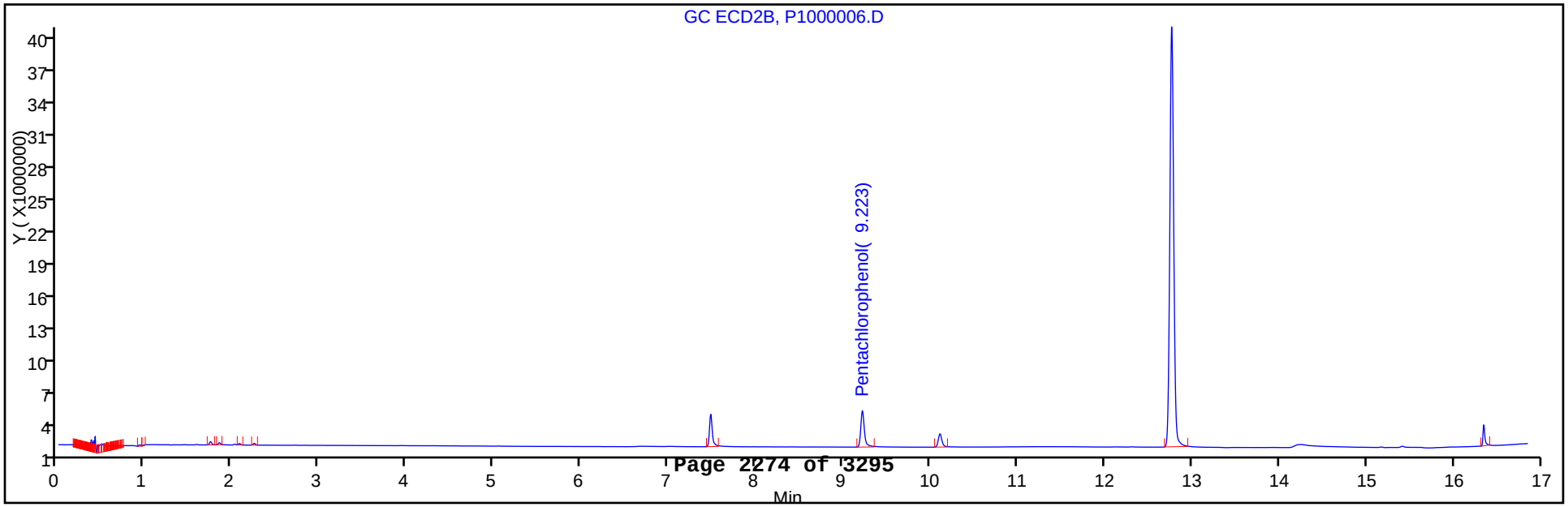
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000006.D

Injection Date:	31-Dec-2012 15:16:49	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000007.D		
Lims ID:	STD PCP3	Client ID:	
Inject. Date:	31-Dec-2012 15:40:24	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0016320-007		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	70766	Lims Sample ID:	7
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:43:56	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.274	8.274	0.000	16139983	0.009633	
2	9.224	9.224	0.000	6677967	0.009430	
					RPD = 2.14	

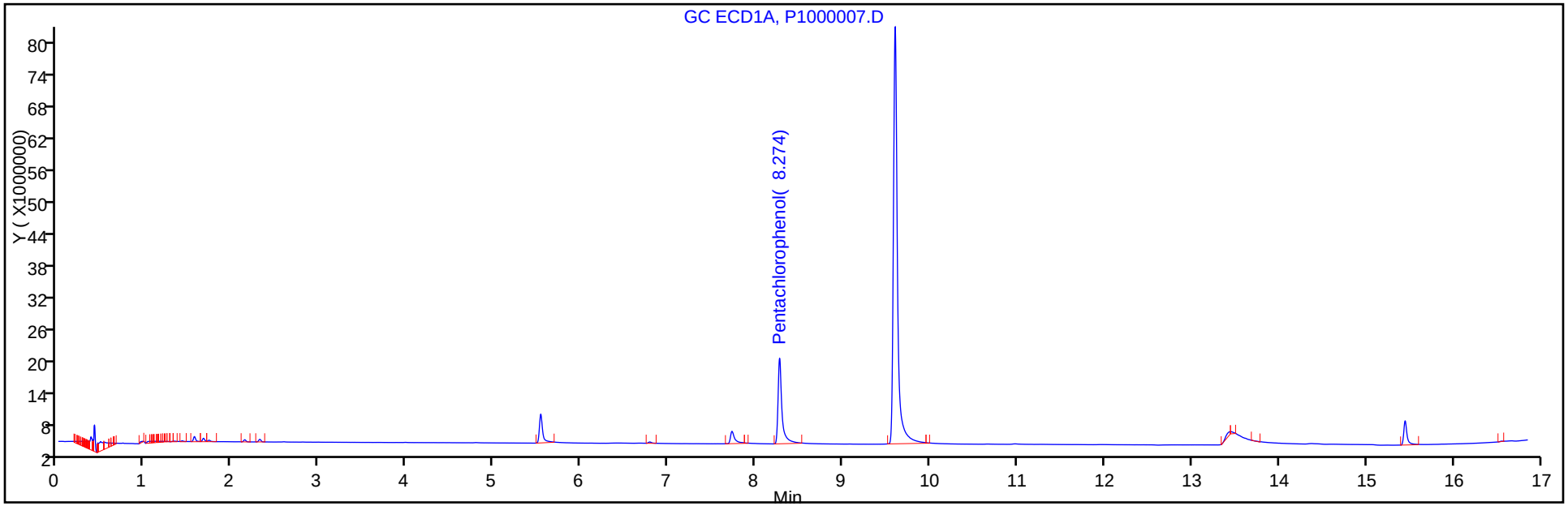
Report Date: 02-Jan-2013 09:43:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

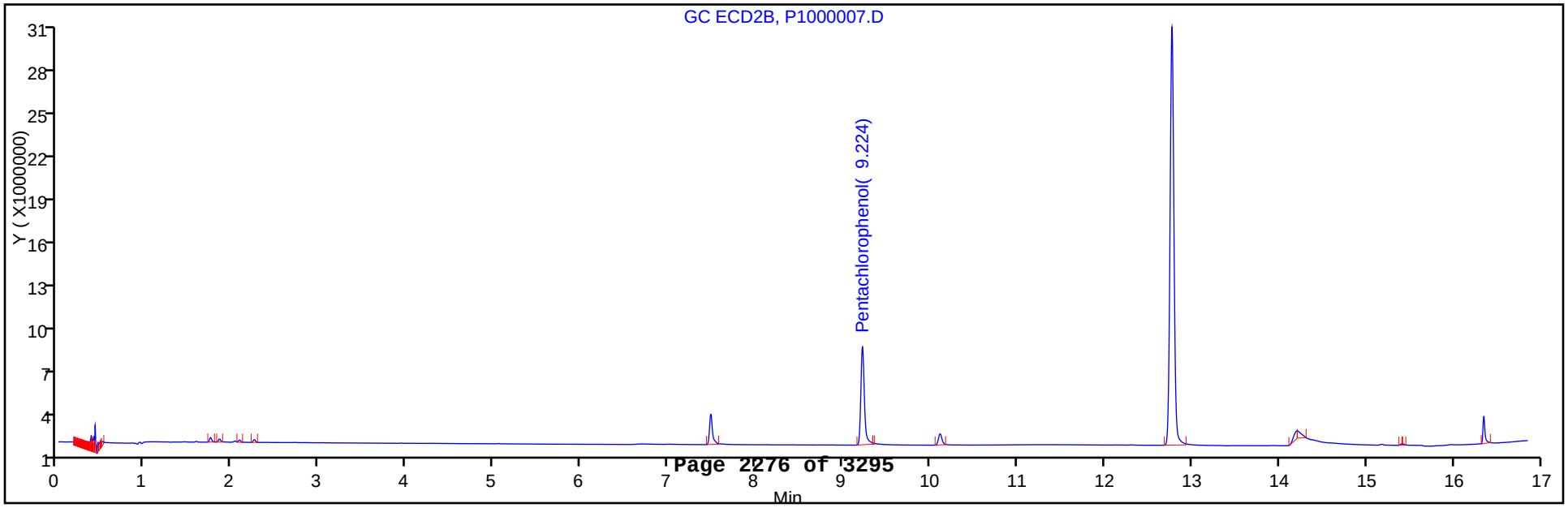
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000007.D

Injection Date:	31-Dec-2012 15:40:24	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	7
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000008.D		
Lims ID:	STD PCP4	Client ID:	
Inject. Date:	31-Dec-2012 16:03:59	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0016320-008		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	70766	Lims Sample ID:	8
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:43:57	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.271	8.274	-0.003	34117432	0.0204	
2	9.222	9.224	-0.002	14209961	0.0201	
					RPD = 1.47	

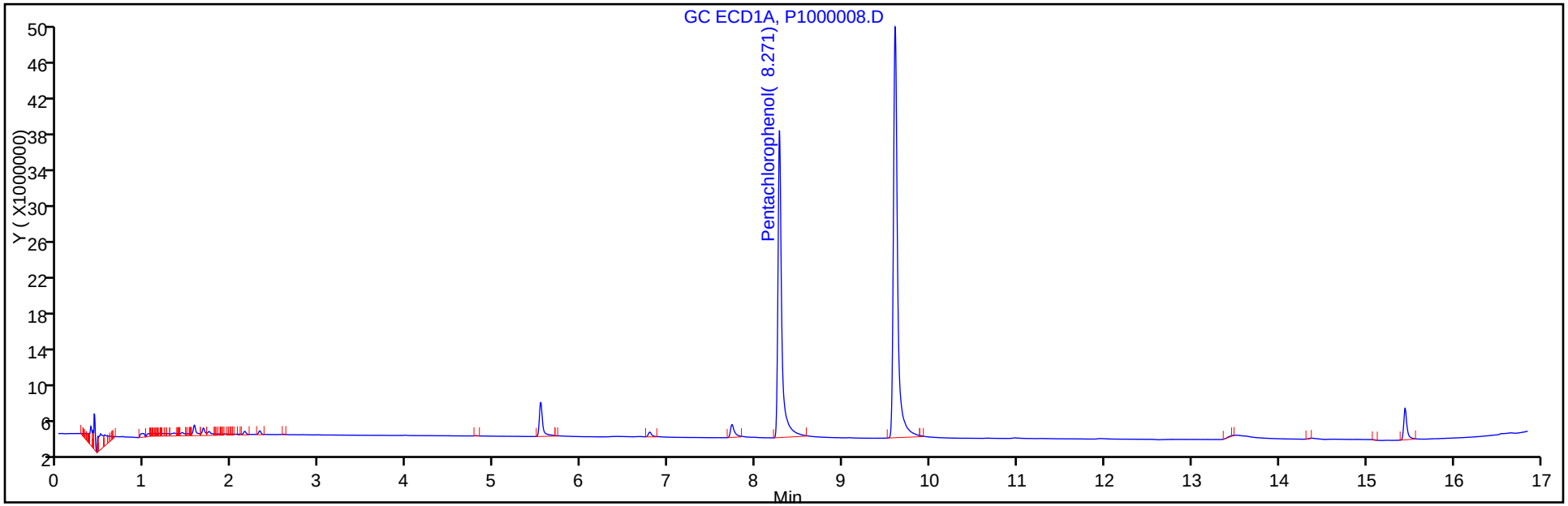
Report Date: 02-Jan-2013 09:43:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

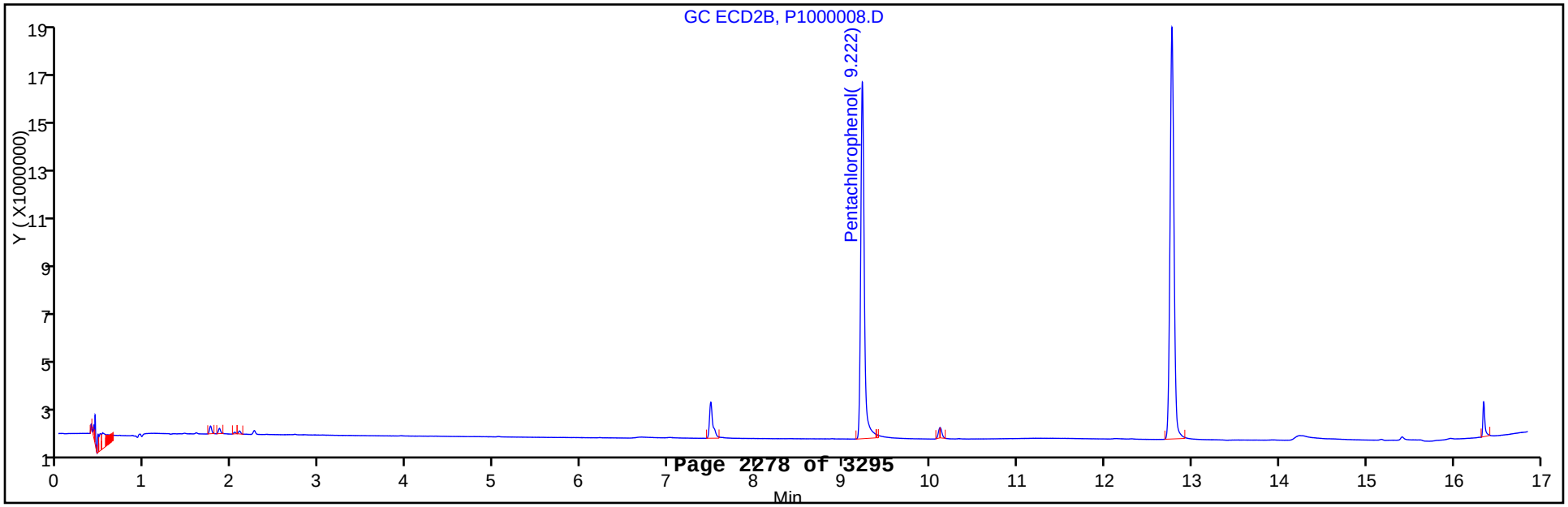
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000008.D

Injection Date:	31-Dec-2012 16:03:59	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	8
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000009.D		
Lims ID:	STD PCP5	Client ID:	
Inject. Date:	31-Dec-2012 16:27:25	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0016320-009		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	70766	Lims Sample ID:	9
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:43:58	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.272	8.274	-0.002	67463723	0.0403	
2	9.222	9.224	-0.002	28956904	0.0409	
					RPD = 1.54	

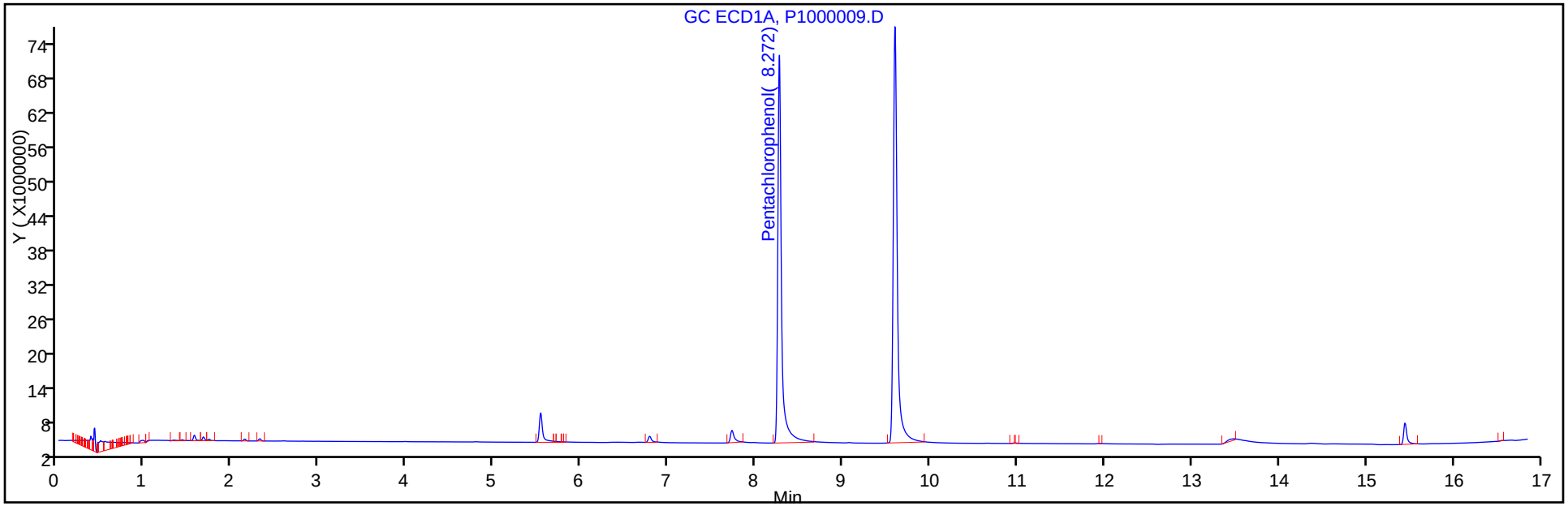
Report Date: 02-Jan-2013 09:43:59 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

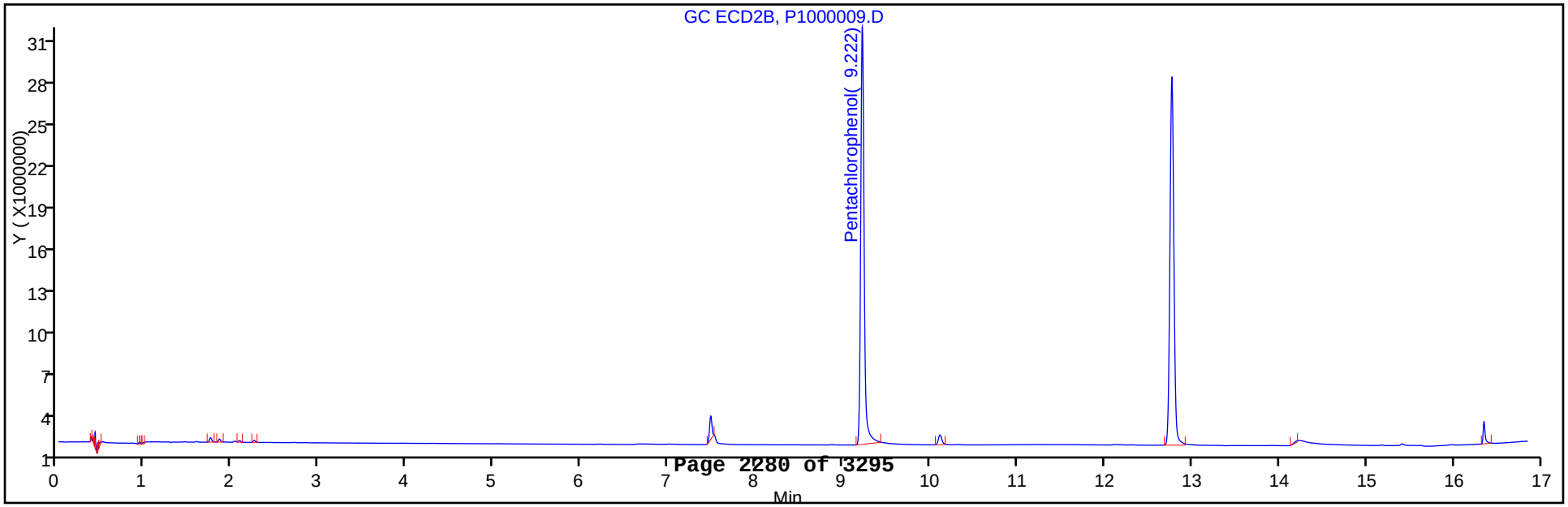
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000009.D

Injection Date:	31-Dec-2012 16:27:25	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	9
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Lims ID:	STD PCP6	Client ID:	
Inject. Date:	31-Dec-2012 16:50:57	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0016320-010		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	70766	Lims Sample ID:	10
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:44:00	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.270	8.274	-0.004	131613827	0.0786	
2	9.222	9.224	-0.002	57809287	0.0816	
					RPD = 3.84	

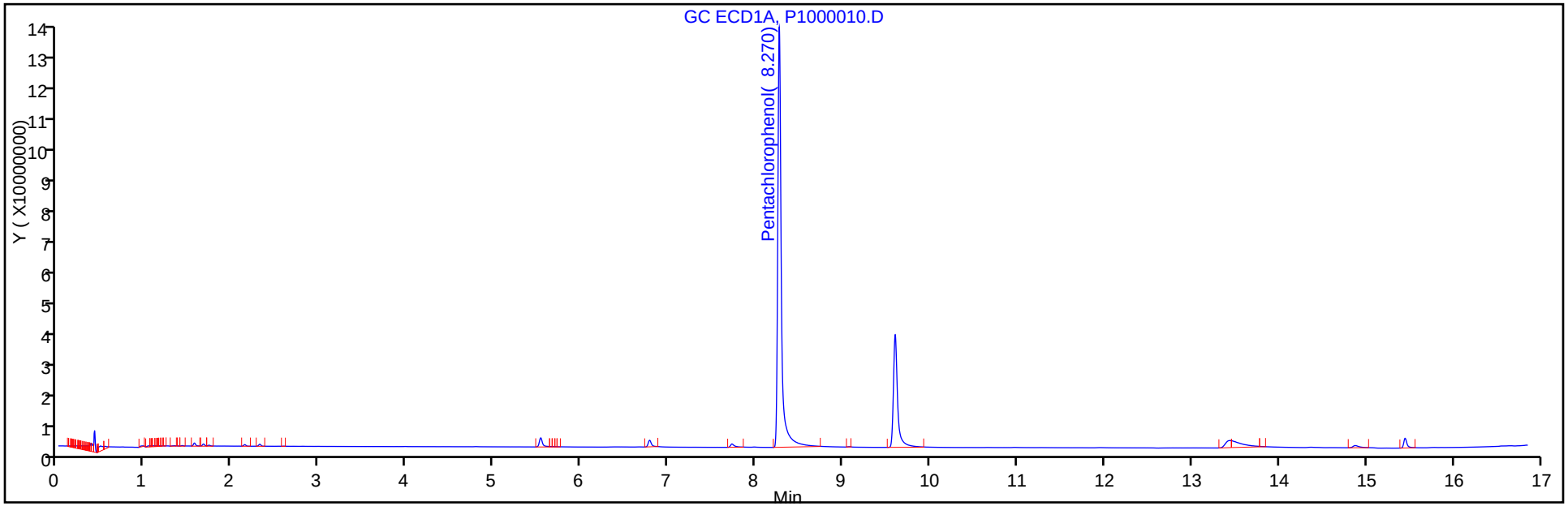
Report Date: 02-Jan-2013 09:44:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

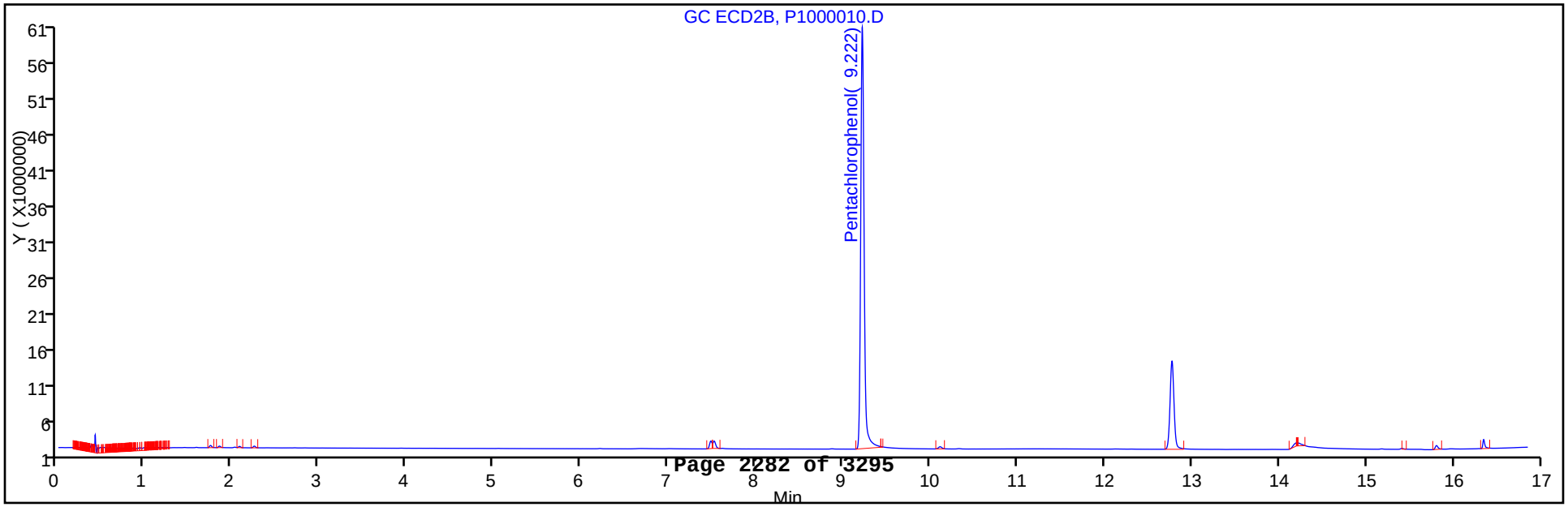
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Injection Date:	31-Dec-2012 16:50:57	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	10
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-58097/16 Calibration Date: 09/18/2012 15:40

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000016.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Lin1		1903997607		0.0104	0.0100	3.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-58097/16 Calibration Date: 09/18/2012 15:40

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000016.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	8.31	8.29	8.33

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000016.D		
Lims ID:	ICV PCP	Client ID:	
Inject. Date:	18-Sep-2012 15:40:18	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	240-0013294-016		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	58097	Lims Sample ID:	16
Sublist:			
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:16	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:41:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						M
1	8.312	8.312	0.000	19097096	0.0104	
2	9.273	9.274	-0.001	7504100	0.009710	M
					RPD = 6.59	

QC Flag Legend

Review Flags
M - Manually Integrated

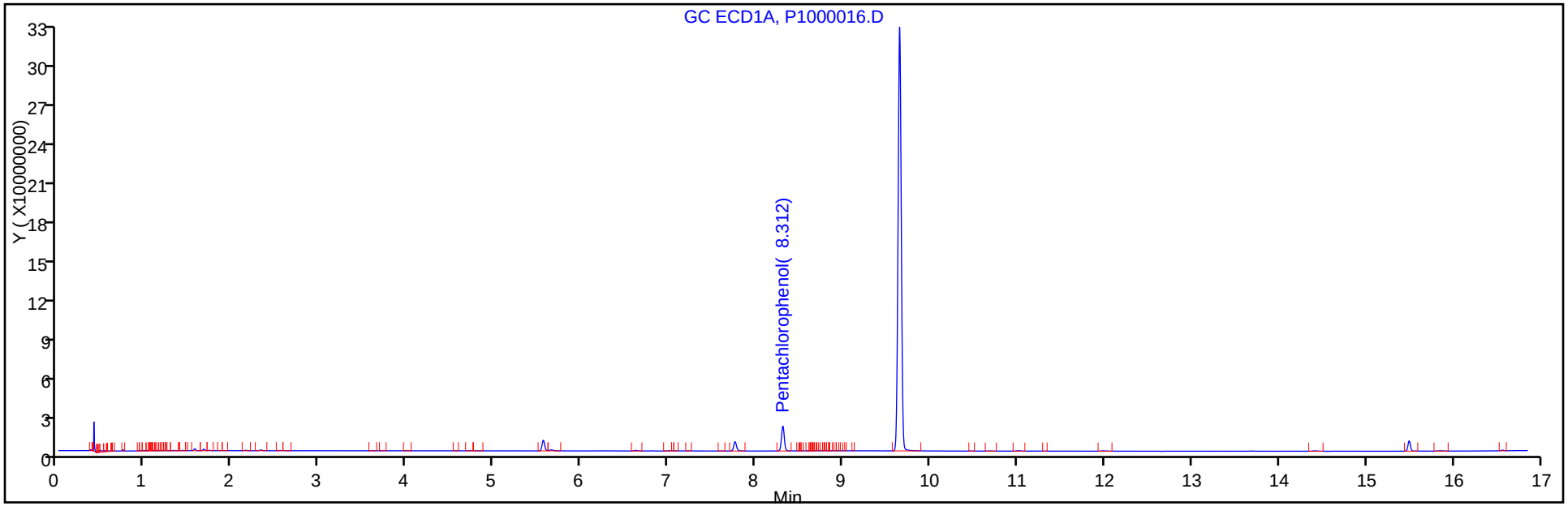
Report Date: 18-Sep-2012 19:47:17 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

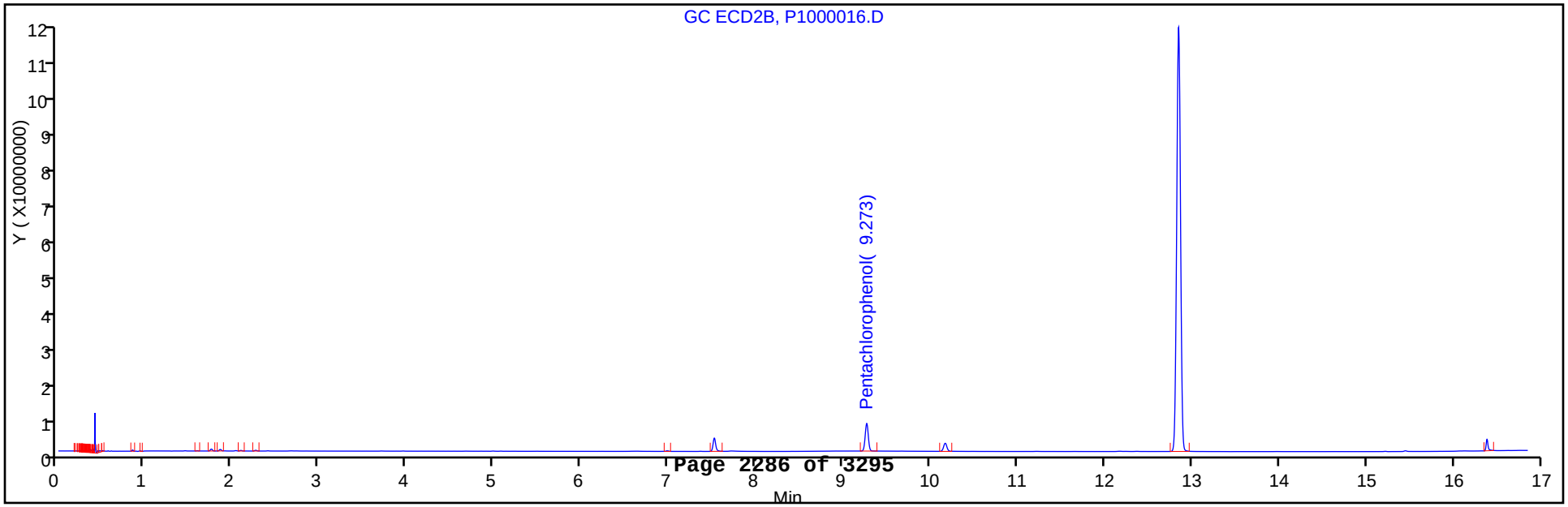
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000016.D

Injection Date:	18-Sep-2012 15:40:18	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	16
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-58097/16 Calibration Date: 09/18/2012 15:40

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000016.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Lin1		748165503		0.00971	0.0100	-3.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-58097/16 Calibration Date: 09/18/2012 15:40

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000016.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	9.27	9.25	9.29

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000016.D		
Lims ID:	ICV PCP	Client ID:	
Inject. Date:	18-Sep-2012 15:40:18	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	240-0013294-016		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	58097	Lims Sample ID:	16
Sublist:			
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\8151_1.m		
Last Update:	18-Sep-2012 19:47:16	Calib Date:	18-Sep-2012 15:16:51
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000015.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	CORP-CTX-18		

First Level Reviewer: roachc Date: 18-Sep-2012 19:41:48

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						M
1	8.312	8.312	0.000	19097096	0.0104	
2	9.273	9.274	-0.001	7504100	0.009710	M
					RPD = 6.59	

QC Flag Legend

Review Flags
M - Manually Integrated

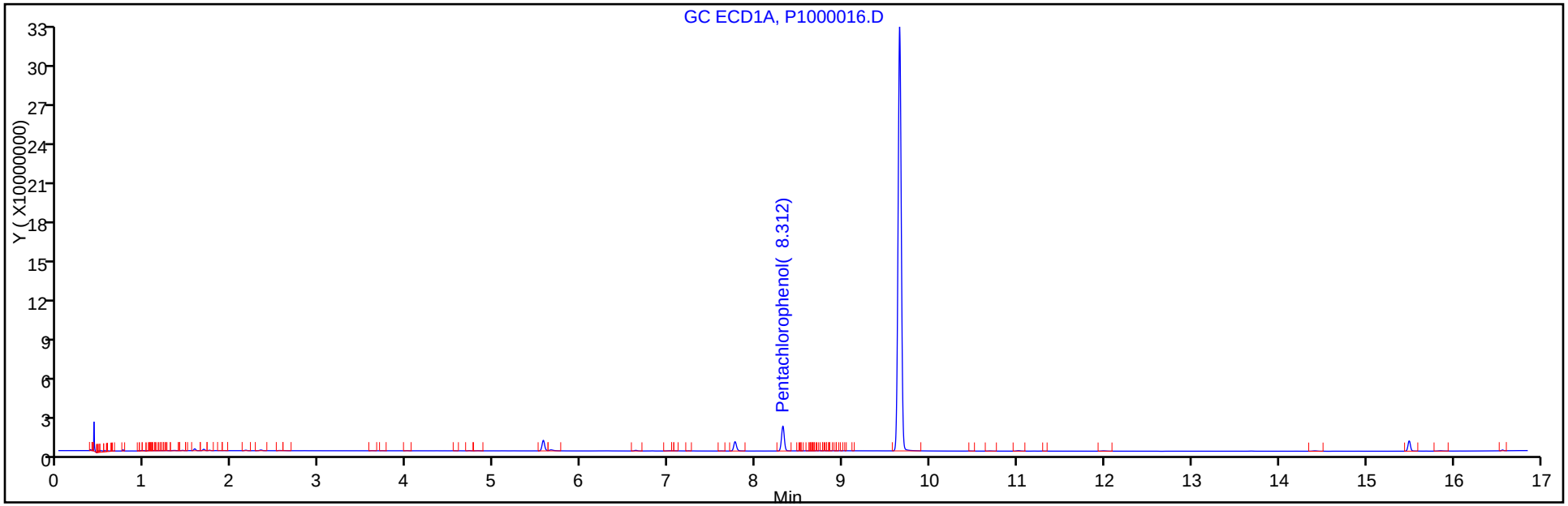
Report Date: 18-Sep-2012 19:47:18 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

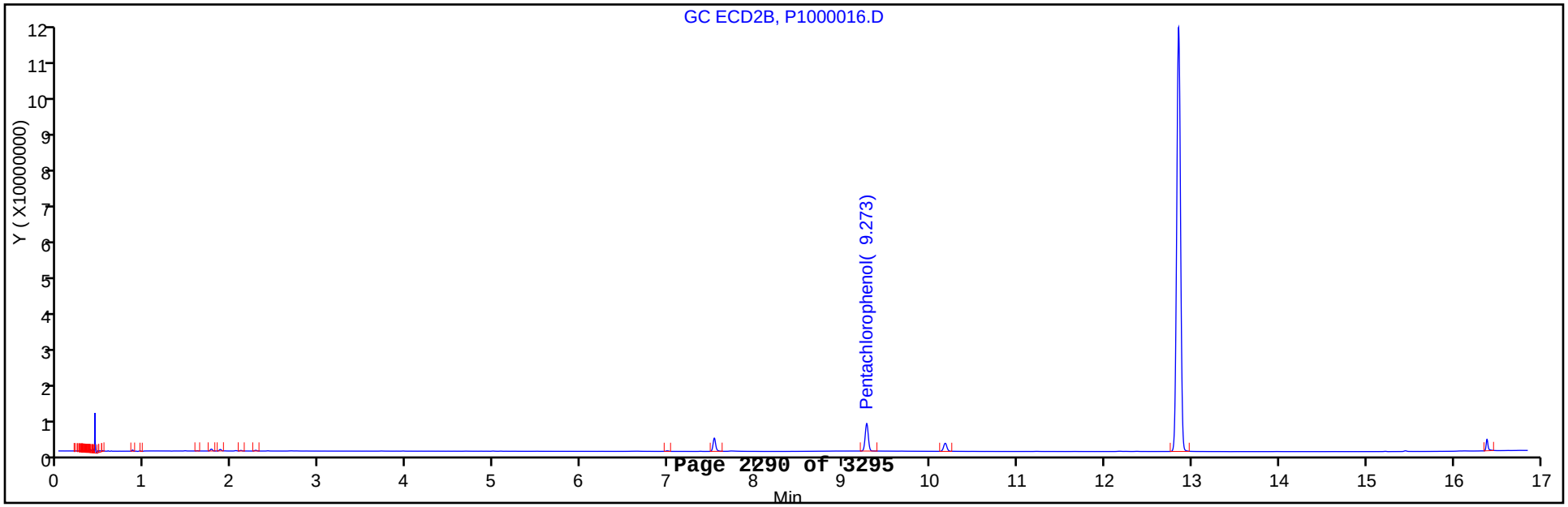
Data File: \\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000016.D

Injection Date:	18-Sep-2012 15:40:18	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	16
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Report Date: 18-Sep-2012 19:47:18 Chrom Revision: 2.0 21-Aug-2012 09:09:58

Manual Integration/User Assign Peak Report

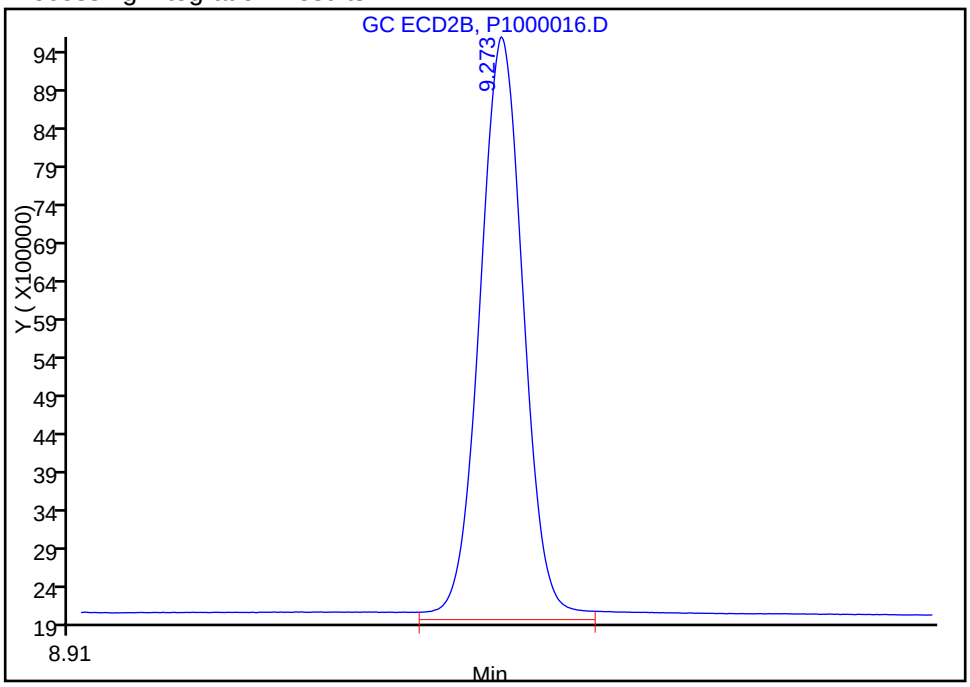
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20120918-13294.b\P1000016.D		
Injection Date:	18-Sep-2012 15:40:18	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	58097	Lims Sample ID:	16
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Pentachlorophenol, Signal: 2, Type: quant, RT: 9.27, Det: GC ecd2b

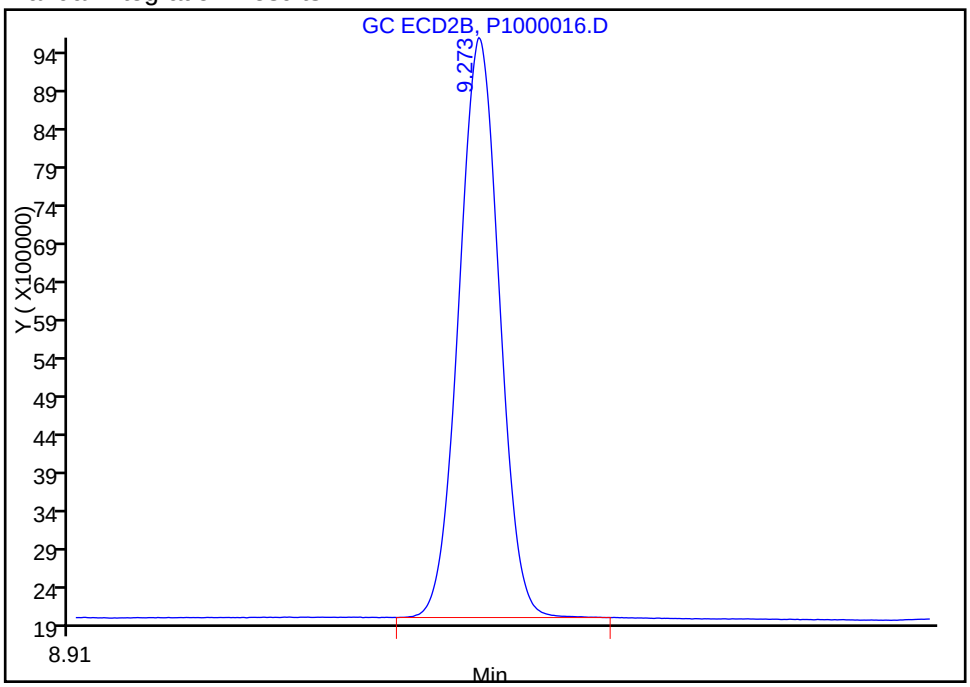
Processing Integration Results

RT: 9.27
Response: 7598435
Amount: 0.010898



Manual Integration Results

RT: 9.27
Response: 7504100
Amount: 0.009710



Reviewer: roachc, 18-Sep-2012 19:41:48
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-67147/12 Calibration Date: 12/03/2012 20:15

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	457412034	430315614		0.0375	0.0399	-5.9	20.0
Dicamba	Ave	617859973	602030225		0.0390	0.0400	-2.6	20.0
MCPP	Qua		717995		8.72	8.00	9.1	20.0
MCPA	Qua		929091		8.60	8.00	7.5	20.0
Dichlorprop	Ave	138436820	148494013		0.0858	0.0800	7.3	20.0
2,4-D	Ave	150538188	155342050		0.0826	0.0800	3.2	20.0
Silvex (2,4,5-TP)	Ave	763444311	752046950		0.0197	0.0200	-1.5	20.0
2,4,5-T	Ave	613790425	631130100		0.0206	0.0200	2.8	20.0
2,4-DB	Ave	63842790	64037063		0.0802	0.0800	0.3	20.0
Dinoseb	Ave	505863757	519217500		0.0123	0.0120	2.6	20.0
2,4-Dichlorophenylacetic acid	Ave	149068897	148613575		0.0798	0.0800	-0.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-67147/12 Calibration Date: 12/03/2012 20:15

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.25	1.23	1.27
Dicamba	7.15	7.13	7.17
MCPP	7.43	7.41	7.45
MCPA	7.59	7.57	7.61
Dichlorprop	7.96	7.94	7.98
2,4-D	8.20	8.18	8.22
Silvex (2,4,5-TP)	9.08	9.06	9.10
2,4,5-T	9.40	9.37	9.41
2,4-DB	10.02	10.00	10.04
Dinoseb	11.23	11.20	11.26
2,4-Dichlorophenylacetic acid	6.98	6.96	7.00

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000012.D
Lims ID: ICV Corp Client ID:
Inject. Date: 03-Dec-2012 20:15:46 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015481-012
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 67147 Lims Sample ID: 12
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m
Last Update: 04-Dec-2012 08:26:07 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

First Level Reviewer: roachc Date: 04-Dec-2012 08:04:07

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.248	0.000	17169593	0.0375	
2	1.388	1.388	0.000	5259939	0.0362	
					RPD = 3.61	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.979	0.000	11889086	0.0798	
2	7.630	7.629	0.001	4739210	0.0763	
					RPD = 4.37	
6 Dicamba						
1	7.145	7.145	0.000	24081209	0.0390	
2	7.796	7.797	-0.001	9725861	0.0380	
					RPD = 2.44	
10 MCPP						
1	7.429	7.429	0.000	5743956	8.72	
2	7.981	7.982	-0.001	2303538	8.43	
					RPD = 3.41	
9 MCPA						
1	7.592	7.593	-0.001	7432728	8.60	
2	8.234	8.233	0.001	3092604	8.91	
					RPD = 3.58	
7 Dichlorprop						
1	7.964	7.964	0.000	11879521	0.0858	
2	8.595	8.594	0.001	4414561	0.0837	
					RPD = 2.45	
2 2,4-D						
1	8.203	8.202	0.001	12427364	0.0826	
2	8.951	8.950	0.001	5047212	0.0814	
					RPD = 1.41	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						M
1	9.080	9.079	0.001	15040939	0.0197	M
2	9.890	9.889	0.001	5455084	0.0192	
					RPD = 2.50	
1 2,4,5-T						
1	9.395	9.394	0.001	12622602	0.0206	
2	10.369	10.369	0.000	4759449	0.0196	
					RPD = 4.72	
3 2,4-DB						
1	10.023	10.024	-0.001	5122965	0.0802	
2	11.018	11.019	-0.001	2054239	0.0773	
					RPD = 3.69	
8 Dinoseb						
1	11.232	11.231	0.001	6230610	0.0123	
2	11.396	11.395	0.001	2263351	0.0117	
					RPD = 5.10	

QC Flag Legend

Review Flags
M - Manually Integrated

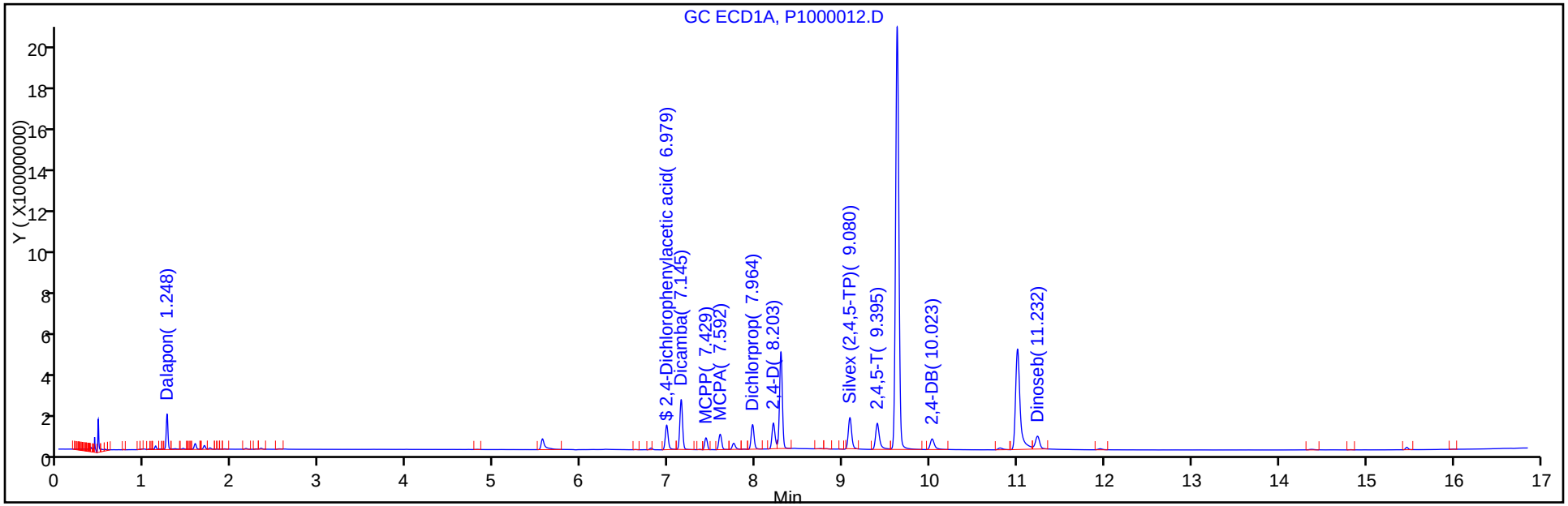
Report Date: 04-Dec-2012 08:26:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

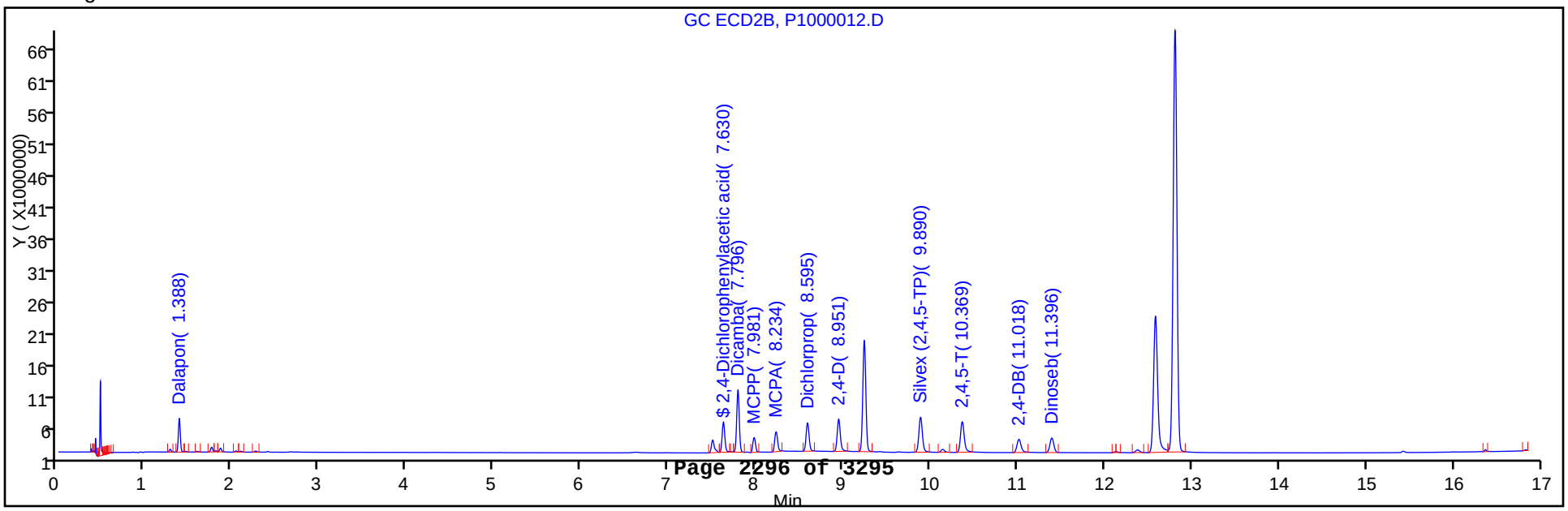
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000012.D

Injection Date:	03-Dec-2012 20:15:46	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	12
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

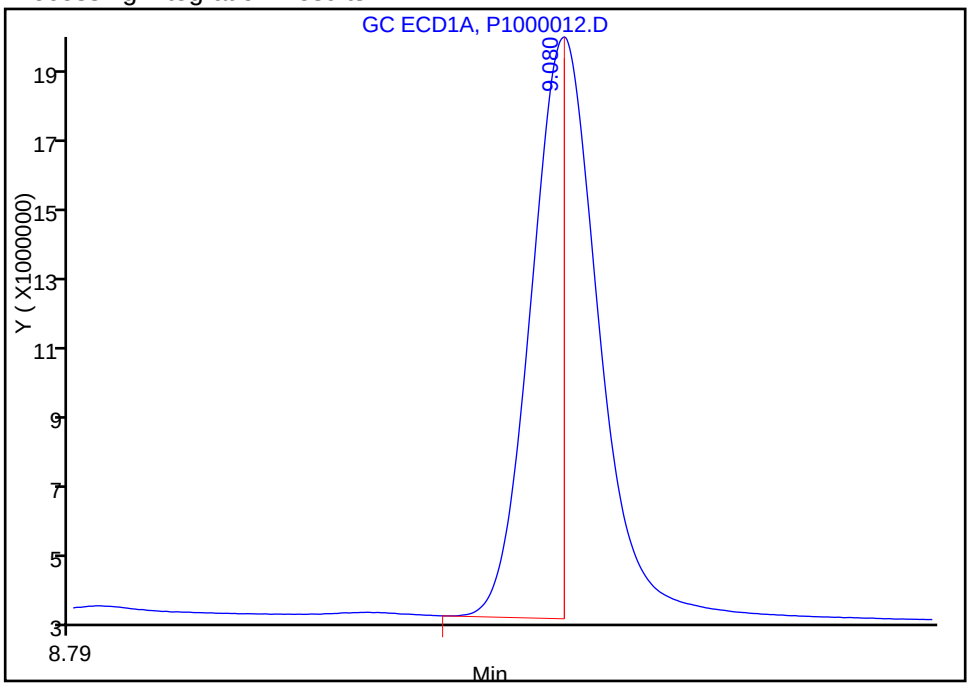
TestAmerica Canton

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000012.D		
Injection Date:	03-Dec-2012 20:15:46	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	12
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

12 Silvex (2,4,5-TP), Signal: 1, Type: quant, RT: 9.08, Det: GC ECD1A

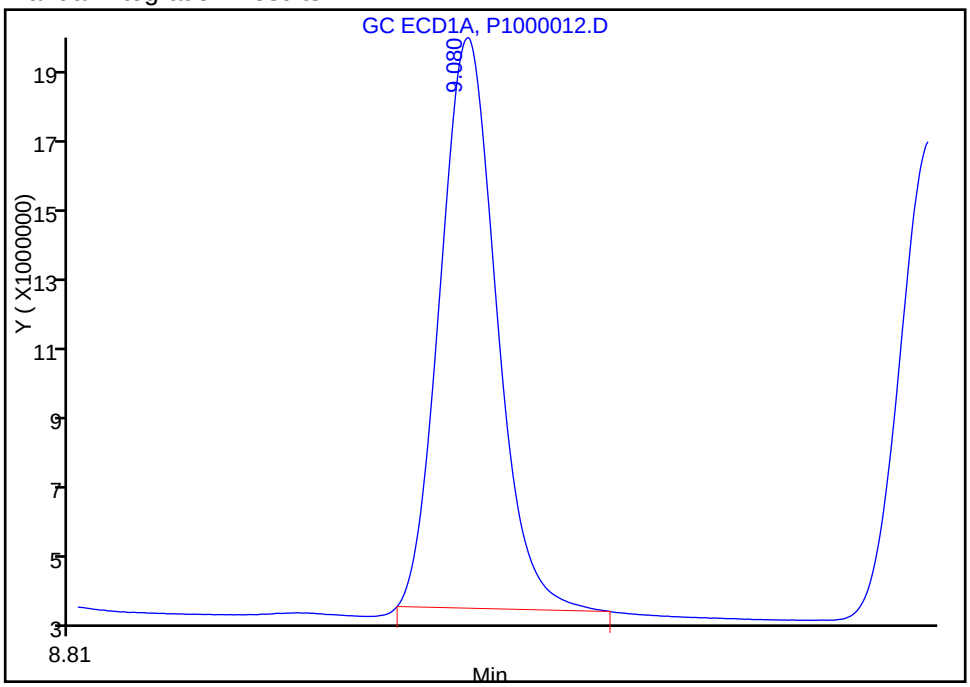
Processing Integration Results

RT: 9.08
Response: 15334585
Amount: 0.020086



Manual Integration Results

RT: 9.08
Response: 15040939
Amount: 0.019701



Reviewer: roachc, 04-Dec-2012 08:04:07
Audit Action: Manually Integrated
Audit Reason: Baseline Event

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-67147/12 Calibration Date: 12/03/2012 20:15

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	145285641	131828045		0.0362	0.0399	-9.3	20.0
Dicamba	Ave	255708069	243146525		0.0380	0.0400	-4.9	20.0
MCPP	Qua		287942		8.43	8.00	5.4	20.0
MCPA	Lin1		386576		8.91	8.00	11.4	20.0
Dichlorprop	Ave	52718146	55182013		0.0837	0.0800	4.7	20.0
2,4-D	Ave	62005138	63090150		0.0814	0.0800	1.7	20.0
Silvex (2,4,5-TP)	Ave	283903898	272754200		0.0192	0.0200	-3.9	20.0
2,4,5-T	Ave	242611790	237972450		0.0196	0.0200	-1.9	20.0
2,4-DB	Ave	26562352	25677988		0.0773	0.0800	-3.3	20.0
Dinoseb	Ave	193371382	188612583		0.0117	0.0120	-2.5	20.0
2,4-Dichlorophenylacetic acid	Ave	62078149	59240125		0.0763	0.0800	-4.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-67147/12 Calibration Date: 12/03/2012 20:15

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.39	1.37	1.41
Dicamba	7.80	7.78	7.82
MCPP	7.98	7.96	8.00
MCPA	8.23	8.21	8.25
Dichlorprop	8.60	8.57	8.61
2,4-D	8.95	8.93	8.97
Silvex (2,4,5-TP)	9.89	9.87	9.91
2,4,5-T	10.37	10.35	10.39
2,4-DB	11.02	11.00	11.04
Dinoseb	11.40	11.37	11.43
2,4-Dichlorophenylacetic acid	7.63	7.61	7.65

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000012.D		
Lims ID:	ICV Corp	Client ID:	
Inject. Date:	03-Dec-2012 20:15:46	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	240-0015481-012		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	67147	Lims Sample ID:	12
Sublist:			
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\8151_1.m		
Last Update:	04-Dec-2012 08:26:07	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		
First Level Reviewer: roachc		Date:	04-Dec-2012 08:04:07

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.248	1.248	0.000	17169593	0.0375	
2	1.388	1.388	0.000	5259939	0.0362	
					RPD = 3.61	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.979	6.979	0.000	11889086	0.0798	
2	7.630	7.629	0.001	4739210	0.0763	
					RPD = 4.37	
6 Dicamba						
1	7.145	7.145	0.000	24081209	0.0390	
2	7.796	7.797	-0.001	9725861	0.0380	
					RPD = 2.44	
10 MCPP						
1	7.429	7.429	0.000	5743956	8.72	
2	7.981	7.982	-0.001	2303538	8.43	
					RPD = 3.41	
9 MCPA						
1	7.592	7.593	-0.001	7432728	8.60	
2	8.234	8.233	0.001	3092604	8.91	
					RPD = 3.58	
7 Dichlorprop						
1	7.964	7.964	0.000	11879521	0.0858	
2	8.595	8.594	0.001	4414561	0.0837	
					RPD = 2.45	
2 2,4-D						
1	8.203	8.202	0.001	12427364	0.0826	
2	8.951	8.950	0.001	5047212	0.0814	
					RPD = 1.41	

Report Date: 04-Dec-2012 08:26:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000012.D

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						M
1	9.080	9.079	0.001	15040939	0.0197	M
2	9.890	9.889	0.001	5455084	0.0192	
					RPD = 2.50	
1 2,4,5-T						
1	9.395	9.394	0.001	12622602	0.0206	
2	10.369	10.369	0.000	4759449	0.0196	
					RPD = 4.72	
3 2,4-DB						
1	10.023	10.024	-0.001	5122965	0.0802	
2	11.018	11.019	-0.001	2054239	0.0773	
					RPD = 3.69	
8 Dinoseb						
1	11.232	11.231	0.001	6230610	0.0123	
2	11.396	11.395	0.001	2263351	0.0117	
					RPD = 5.10	

QC Flag Legend

Review Flags
M - Manually Integrated

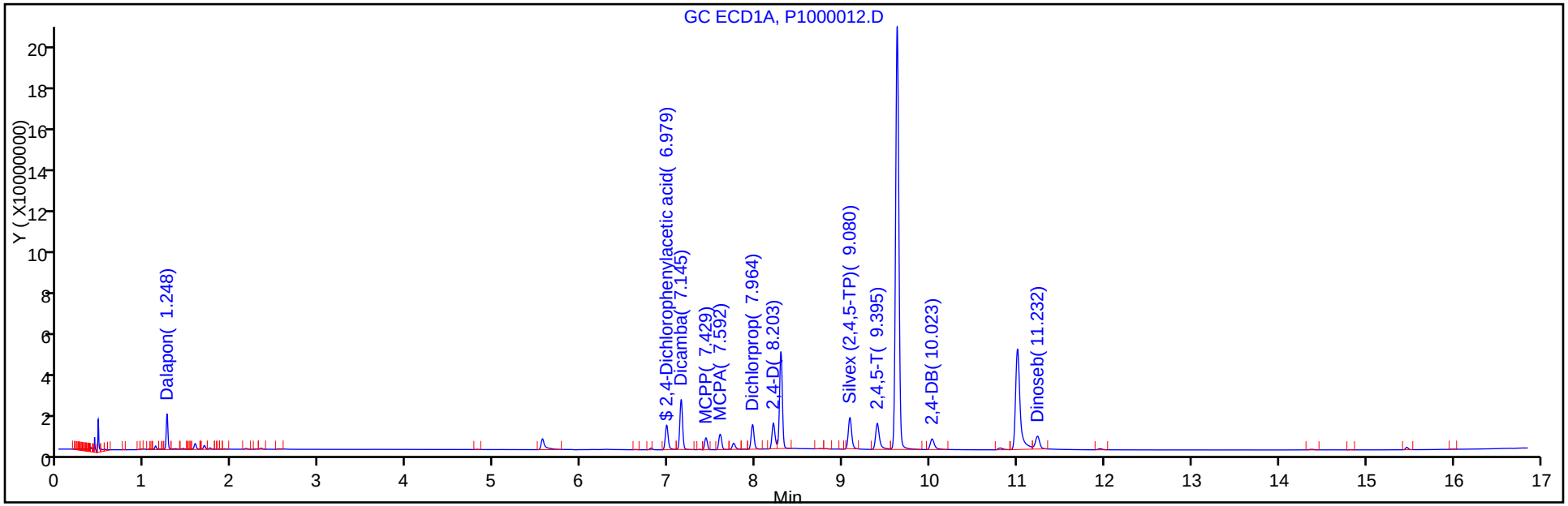
Report Date: 04-Dec-2012 08:26:44 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

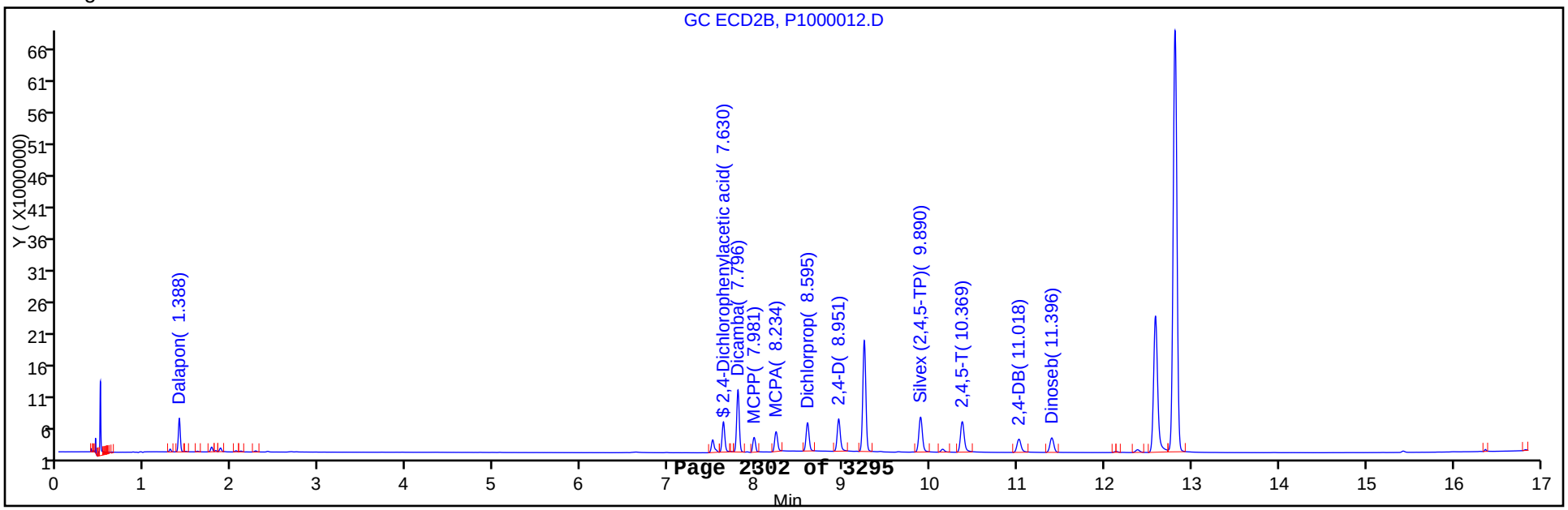
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Injection Date:	03-Dec-2012 20:15:46	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	67147	Lims Sample ID:	12
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/5 Calibration Date: 12/24/2012 16:29

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000005.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	457412034	439821075		0.0385	0.0400	-3.8	20.0
Dicamba	Ave	617859973	676166800		0.0438	0.0400	9.4	20.0
MCPP	Qua		770864		9.57	8.00	19.6	20.0
MCPA	Qua		997024		9.48	8.00	18.5	20.0
Dichlorprop	Ave	138436820	150192450		0.0868	0.0800	8.5	20.0
2,4-D	Ave	150538188	155562513		0.0827	0.0800	3.3	20.0
Silvex (2,4,5-TP)	Ave	763444311	778739950		0.0204	0.0200	2.0	20.0
2,4,5-T	Ave	613790425	586667850		0.0191	0.0200	-4.4	20.0
2,4-DB	Ave	63842790	62006675		0.0777	0.0800	-2.9	20.0
Dinoseb	Ave	505863757	491811167		0.0117	0.0120	-2.8	20.0
2,4-Dichlorophenylacetic acid	Ave	149068897	161417875		0.0866	0.0800	8.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/5 Calibration Date: 12/24/2012 16:29

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000005.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.24	1.22	1.26
Dicamba	7.13	7.11	7.15
MCPP	7.42	7.40	7.44
MCPA	7.58	7.56	7.60
Dichlorprop	7.95	7.93	7.97
2,4-D	8.19	8.17	8.21
Silvex (2,4,5-TP)	9.06	9.04	9.08
2,4,5-T	9.38	9.36	9.40
2,4-DB	10.01	9.99	10.03
Dinoseb	11.22	11.19	11.25
2,4-Dichlorophenylacetic acid	6.97	6.95	6.99

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000005.D
Lims ID: CCV Client ID:
Inject. Date: 24-Dec-2012 16:29:31 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0016161-005
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 70037 Lims Sample ID: 5
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 13:51:49 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.238	1.238	0.000	17592843	0.0385	
2	1.371	1.371	0.000	6205234	0.0427	
					RPD = 10.47	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.967	6.967	0.000	12913430	0.0866	
2	7.608	7.608	0.000	5363894	0.0864	
					RPD = 0.26	
6 Dicamba						
1	7.133	7.133	0.000	27046672	0.0438	
2	7.774	7.774	0.000	11135114	0.0435	
					RPD = 0.52	
10 MCPP						
1	7.418	7.418	0.000	6166914	9.57	
2	7.960	7.960	0.000	2348281	8.64	
					RPD = 10.23	
9 MCPA						
1	7.580	7.580	0.000	7976195	9.48	
2	8.210	8.210	0.000	3166971	9.20	
					RPD = 3.08	
7 Dichlorprop						
1	7.950	7.950	0.000	12015396	0.0868	
2	8.570	8.570	0.000	4508856	0.0855	
					RPD = 1.47	
2 2,4-D						
1	8.190	8.190	0.000	12445001	0.0827	
2	8.926	8.926	0.000	5054725	0.0815	
					RPD = 1.40	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.064	9.064	0.000	15574799	0.0204	
2	9.860	9.860	0.000	5826068	0.0205	
					RPD = 0.59	
1 2,4,5-T						
1	9.380	9.380	0.000	11733357	0.0191	
2	10.338	10.338	0.000	4780873	0.0197	
					RPD = 3.04	
3 2,4-DB						
1	10.010	10.010	0.000	4960534	0.0777	
2	10.988	10.988	0.000	2086735	0.0786	
					RPD = 1.10	
8 Dinoseb						
1	11.216	11.216	0.000	5901734	0.0117	
2	11.365	11.365	0.000	2259438	0.0117	
					RPD = 0.15	

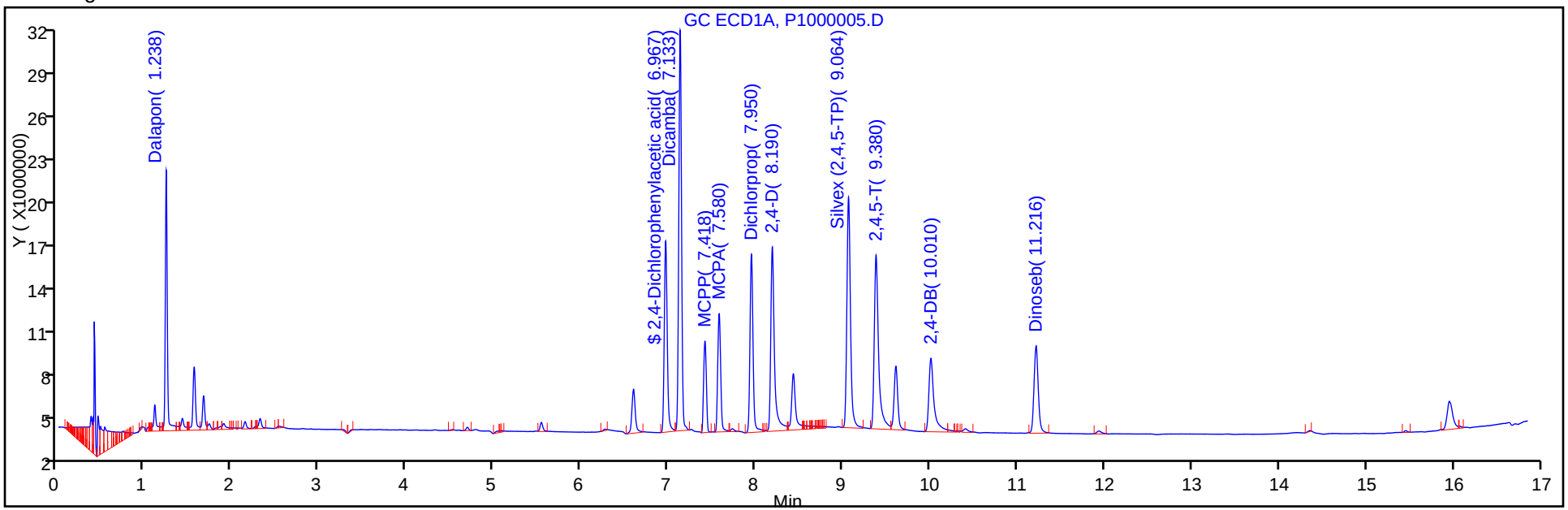
Report Date: 26-Dec-2012 13:51:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

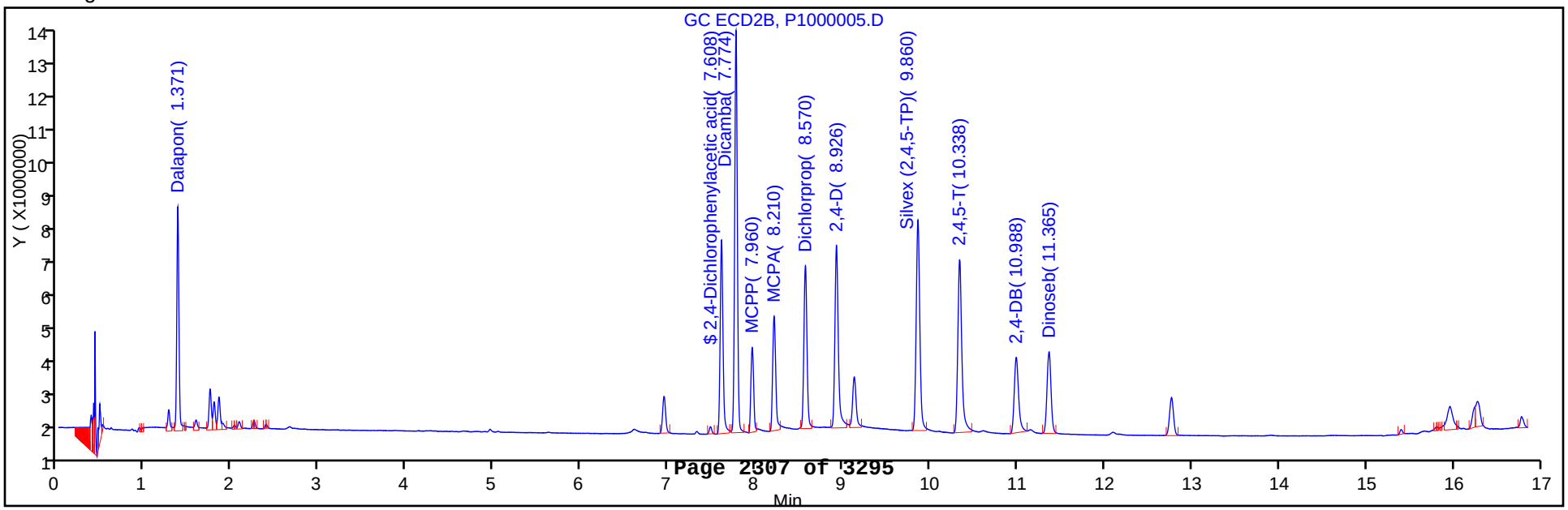
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Injection Date:	24-Dec-2012 16:29:31	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	5
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/5 Calibration Date: 12/24/2012 16:29

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000005.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	145285641	155130850		0.0427	0.0400	6.8	20.0
Dicamba	Ave	255708069	278377850		0.0435	0.0400	8.9	20.0
MCPP	Qua		293535		8.64	8.00	8.0	20.0
MCPA	Lin1		395871		9.20	8.00	14.9	20.0
Dichlorprop	Ave	52718146	56360700		0.0855	0.0800	6.9	20.0
2,4-D	Ave	62005138	63184063		0.0815	0.0800	1.9	20.0
Silvex (2,4,5-TP)	Ave	283903898	291303400		0.0205	0.0200	2.6	20.0
2,4,5-T	Ave	242611790	239043650		0.0197	0.0200	-1.5	20.0
2,4-DB	Ave	26562352	26084188		0.0786	0.0800	-1.8	20.0
Dinoseb	Ave	193371382	188286500		0.0117	0.0120	-2.6	20.0
2,4-Dichlorophenylacetic acid	Ave	62078149	67048675		0.0864	0.0800	8.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/5 Calibration Date: 12/24/2012 16:29

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000005.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.37	1.35	1.39
Dicamba	7.77	7.75	7.79
MCPP	7.96	7.94	7.98
MCPA	8.21	8.19	8.23
Dichlorprop	8.57	8.55	8.59
2,4-D	8.93	8.91	8.95
Silvex (2,4,5-TP)	9.86	9.84	9.88
2,4,5-T	10.34	10.32	10.36
2,4-DB	10.99	10.97	11.01
Dinoseb	11.37	11.34	11.40
2,4-Dichlorophenylacetic acid	7.61	7.59	7.63

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000005.D
Lims ID: CCV Client ID:
Inject. Date: 24-Dec-2012 16:29:31 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0016161-005
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 70037 Lims Sample ID: 5
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 13:51:49 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.238	1.238	0.000	17592843	0.0385	
2	1.371	1.371	0.000	6205234	0.0427	
					RPD = 10.47	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.967	6.967	0.000	12913430	0.0866	
2	7.608	7.608	0.000	5363894	0.0864	
					RPD = 0.26	
6 Dicamba						
1	7.133	7.133	0.000	27046672	0.0438	
2	7.774	7.774	0.000	11135114	0.0435	
					RPD = 0.52	
10 MCPP						
1	7.418	7.418	0.000	6166914	9.57	
2	7.960	7.960	0.000	2348281	8.64	
					RPD = 10.23	
9 MCPA						
1	7.580	7.580	0.000	7976195	9.48	
2	8.210	8.210	0.000	3166971	9.20	
					RPD = 3.08	
7 Dichlorprop						
1	7.950	7.950	0.000	12015396	0.0868	
2	8.570	8.570	0.000	4508856	0.0855	
					RPD = 1.47	
2 2,4-D						
1	8.190	8.190	0.000	12445001	0.0827	
2	8.926	8.926	0.000	5054725	0.0815	
					RPD = 1.40	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.064	9.064	0.000	15574799	0.0204	
2	9.860	9.860	0.000	5826068	0.0205	
					RPD = 0.59	
1 2,4,5-T						
1	9.380	9.380	0.000	11733357	0.0191	
2	10.338	10.338	0.000	4780873	0.0197	
					RPD = 3.04	
3 2,4-DB						
1	10.010	10.010	0.000	4960534	0.0777	
2	10.988	10.988	0.000	2086735	0.0786	
					RPD = 1.10	
8 Dinoseb						
1	11.216	11.216	0.000	5901734	0.0117	
2	11.365	11.365	0.000	2259438	0.0117	
					RPD = 0.15	

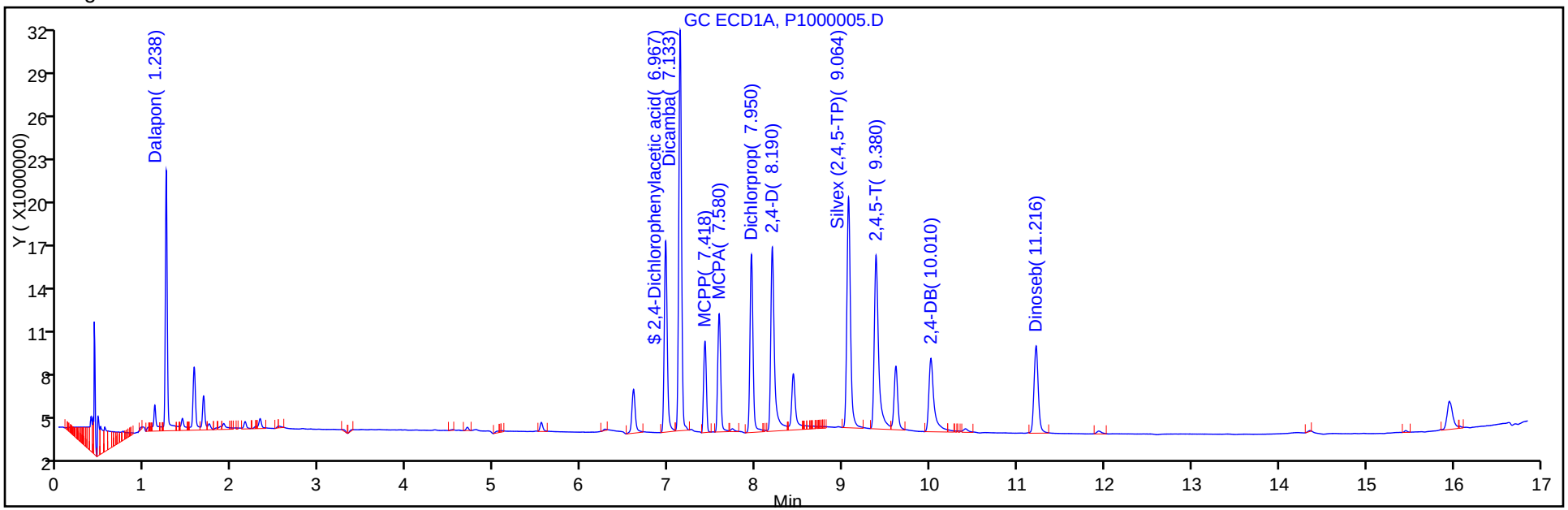
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TestAmerica Canton

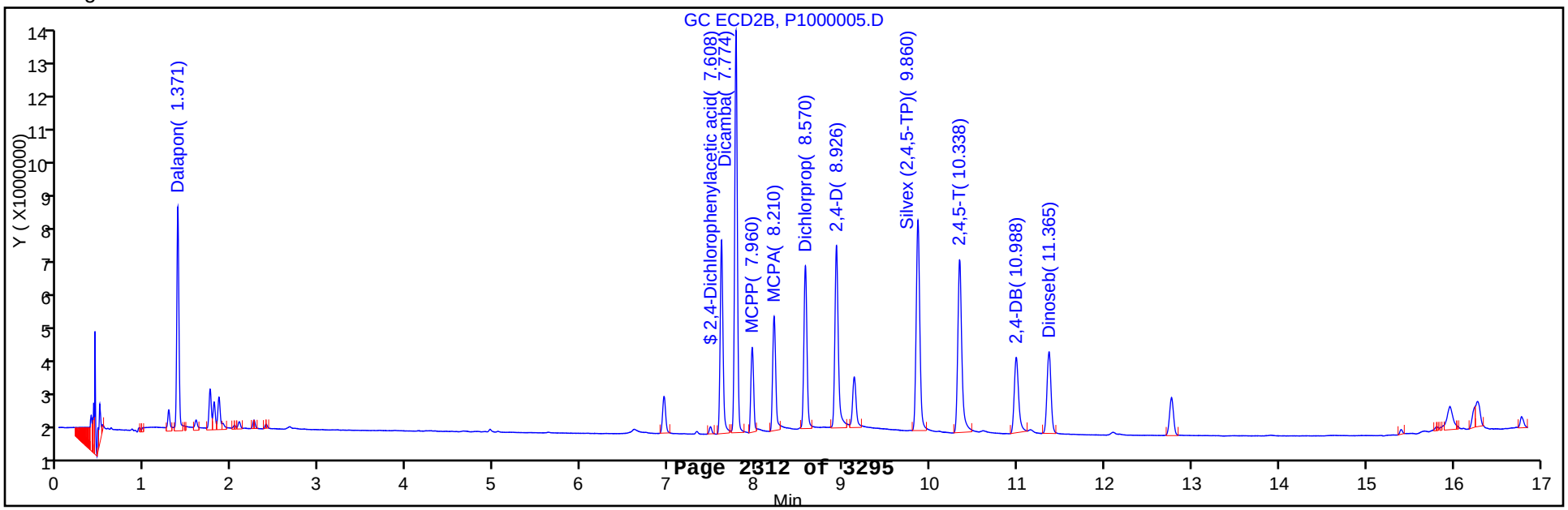
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Injection Date:	24-Dec-2012 16:29:31	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	5
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/6 Calibration Date: 12/24/2012 16:52

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000006.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Lin1		2039733400		0.0112	0.0100	11.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/6 Calibration Date: 12/24/2012 16:52

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000006.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	8.28	8.26	8.30

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000006.D		
Lims ID:	CCV PCP	Client ID:	
Inject. Date:	24-Dec-2012 16:52:56	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016161-006		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	70037	Lims Sample ID:	6
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m		
Last Update:	26-Dec-2012 12:33:13	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.278	8.278	0.000	20397334	0.0112	
2	9.219	9.219	0.000	8041572	0.0105	
					RPD = 6.46	

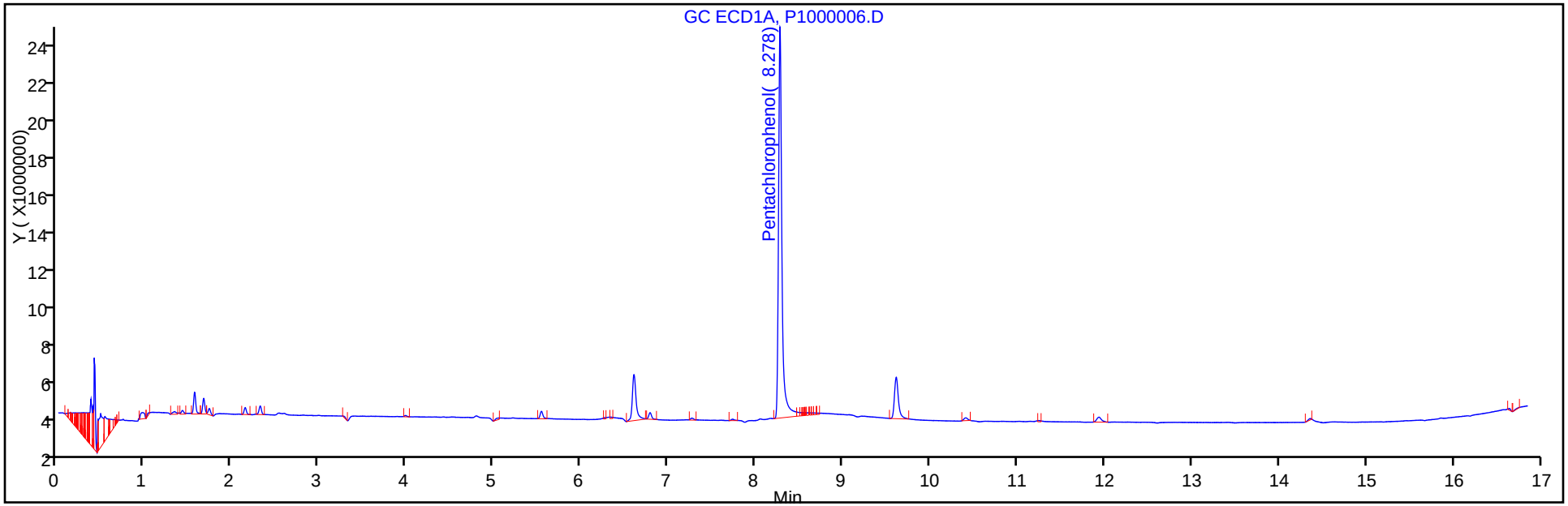
Report Date: 26-Dec-2012 12:33:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

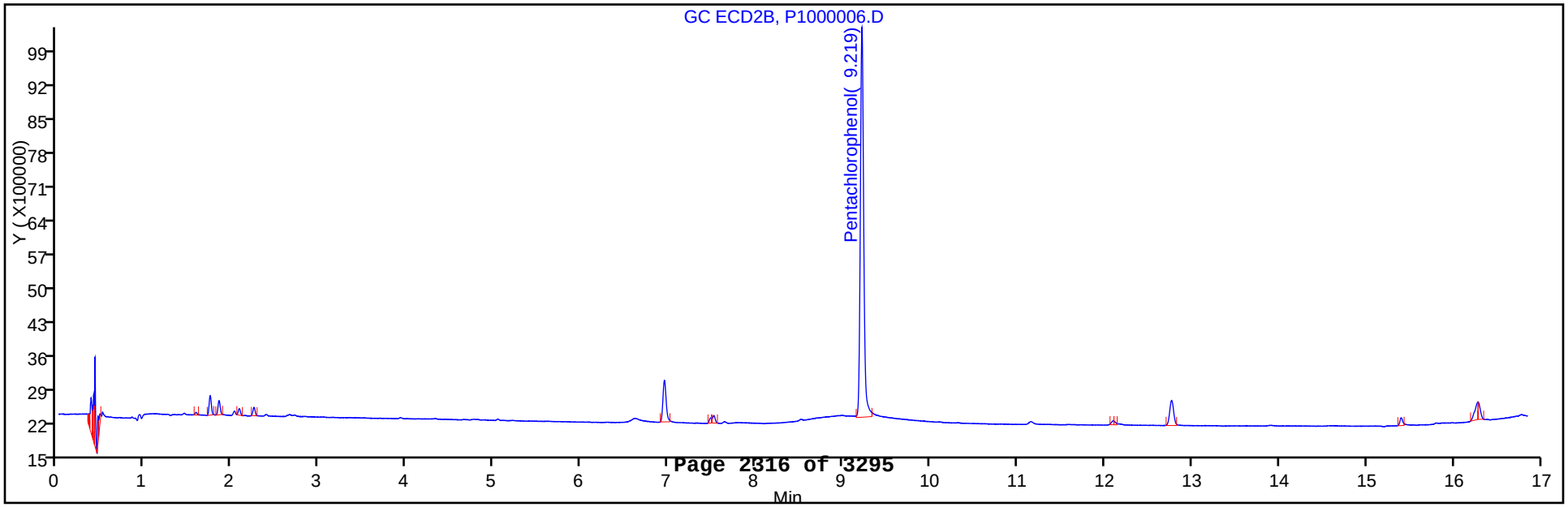
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000006.D

Injection Date:	24-Dec-2012 16:52:56	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/6 Calibration Date: 12/24/2012 16:52

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000006.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Lin1		804157200		0.0105	0.0100	4.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/6 Calibration Date: 12/24/2012 16:52

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000006.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	9.22	9.20	9.24

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000006.D		
Lims ID:	CCV PCP	Client ID:	
Inject. Date:	24-Dec-2012 16:52:56	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016161-006		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	70037	Lims Sample ID:	6
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m		
Last Update:	26-Dec-2012 12:33:13	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.278	8.278	0.000	20397334	0.0112	
2	9.219	9.219	0.000	8041572	0.0105	
					RPD = 6.46	

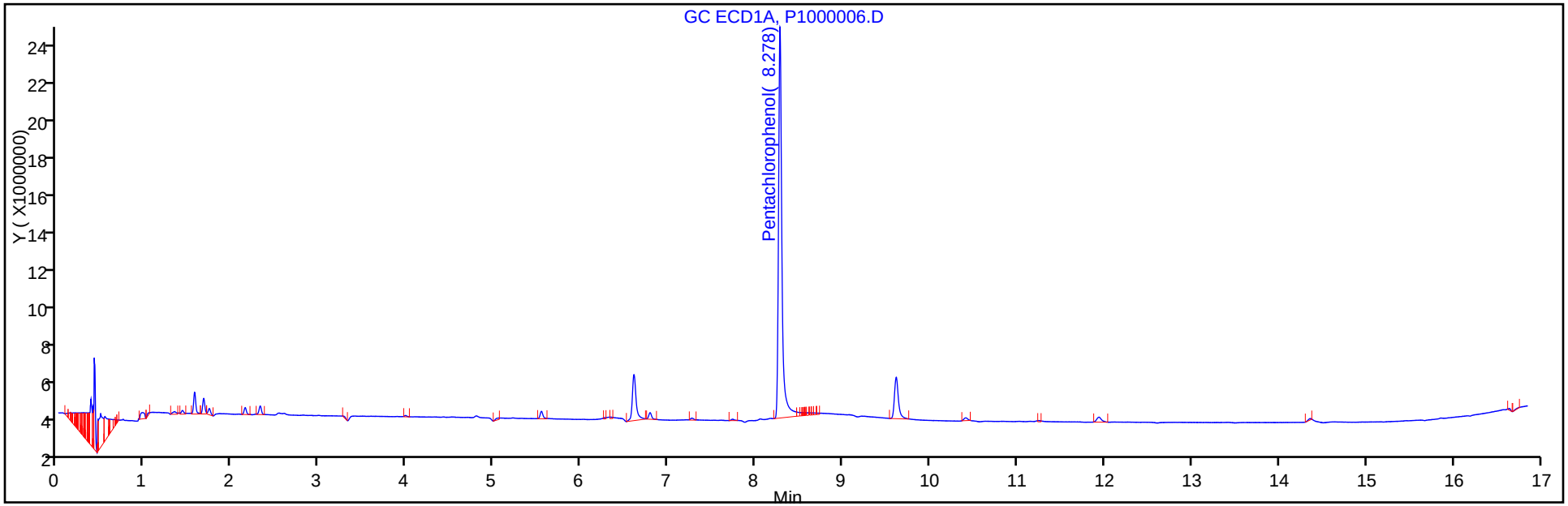
Report Date: 26-Dec-2012 12:33:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

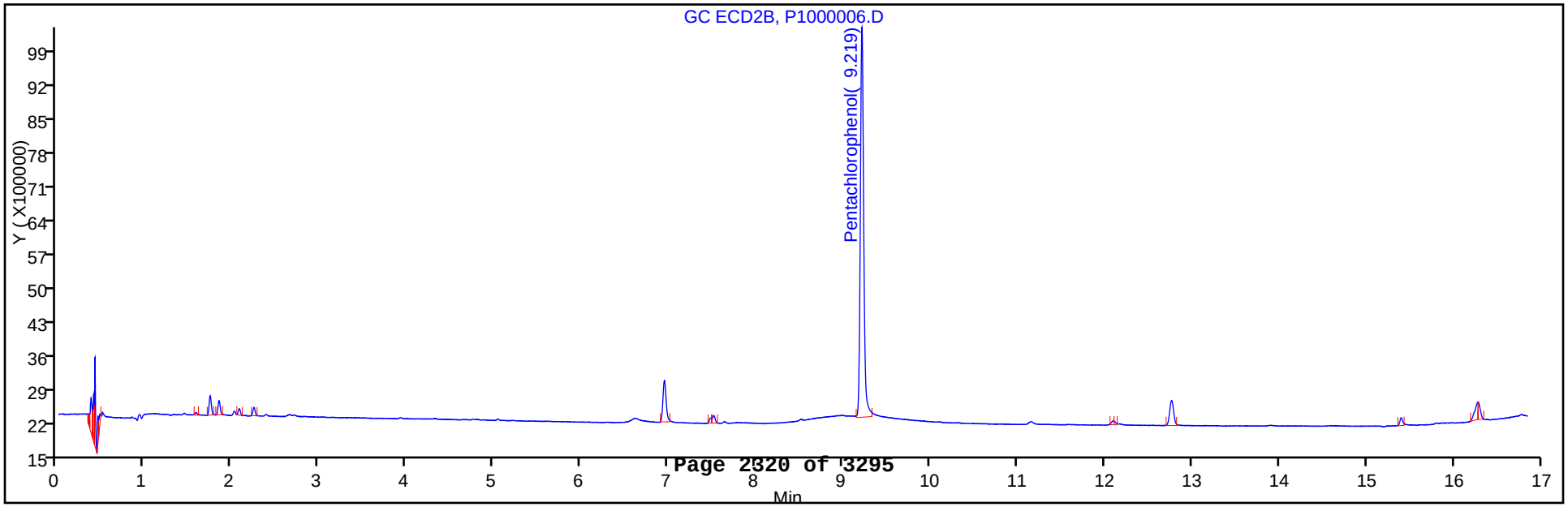
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000006.D

Injection Date:	24-Dec-2012 16:52:56	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	6
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/18 Calibration Date: 12/24/2012 21:35

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	457412034	460431050		0.0403	0.0400	0.7	20.0
Dicamba	Ave	617859973	665835825		0.0431	0.0400	7.8	20.0
MCPP	Qua		759162		9.38	8.00	17.3	20.0
MCPA	Qua		981180		9.28	8.00	15.9	20.0
Dichlorprop	Ave	138436820	146580575		0.0847	0.0800	5.9	20.0
2,4-D	Ave	150538188	153098550		0.0814	0.0800	1.7	20.0
Silvex (2,4,5-TP)	Ave	763444311	764107650		0.0200	0.0200	0.0	20.0
2,4,5-T	Ave	613790425	575400900		0.0187	0.0200	-6.3	20.0
2,4-DB	Ave	63842790	60923688		0.0763	0.0800	-4.6	20.0
Dinoseb	Ave	505863757	485619667		0.0115	0.0120	-4.0	20.0
2,4-Dichlorophenylacetic acid	Ave	149068897	159474125		0.0856	0.0800	7.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/18 Calibration Date: 12/24/2012 21:35

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000018.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.24	1.22	1.26
Dicamba	7.14	7.12	7.16
MCPP	7.42	7.40	7.44
MCPA	7.59	7.57	7.61
Dichlorprop	7.96	7.94	7.98
2,4-D	8.19	8.17	8.21
Silvex (2,4,5-TP)	9.07	9.05	9.09
2,4,5-T	9.39	9.37	9.41
2,4-DB	10.01	9.99	10.03
Dinoseb	11.22	11.19	11.25
2,4-Dichlorophenylacetic acid	6.97	6.95	6.99

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000018.D
Lims ID: CCV Client ID:
Inject. Date: 24-Dec-2012 21:35:31 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016161-018
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 70037 Lims Sample ID: 18
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 13:51:52 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.241	1.241	0.000	18417242	0.0403	
2	1.372	1.372	0.000	6556854	0.0451	
					RPD = 11.40	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.971	6.971	0.000	12757930	0.0856	
2	7.607	7.607	0.000	5319912	0.0857	
					RPD = 0.13	
6 Dicamba						
1	7.136	7.136	0.000	26633433	0.0431	
2	7.774	7.774	0.000	10935721	0.0428	
					RPD = 0.79	
10 MCPP						
1	7.421	7.421	0.000	6073293	9.38	
2	7.959	7.959	0.000	2323605	8.52	
					RPD = 9.59	
9 MCPA						
1	7.585	7.585	0.000	7849438	9.28	
2	8.210	8.210	0.000	3127929	9.05	
					RPD = 2.51	
7 Dichlorprop						
1	7.955	7.955	0.000	11726446	0.0847	
2	8.570	8.570	0.000	4379668	0.0831	
					RPD = 1.94	
2 2,4-D						
1	8.194	8.194	0.000	12247884	0.0814	
2	8.925	8.925	0.000	4900006	0.0790	
					RPD = 2.91	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.069	9.069	0.000	15282153	0.0200	
2	9.860	9.860	0.000	5628135	0.0198	
					RPD = 0.97	
1 2,4,5-T						
1	9.385	9.385	0.000	11508018	0.0187	
2	10.337	10.337	0.000	4676006	0.0193	
					RPD = 2.76	
3 2,4-DB						
1	10.013	10.013	0.000	4873895	0.0763	
2	10.987	10.987	0.000	1999346	0.0753	
					RPD = 1.41	
8 Dinoseb						
1	11.220	11.220	0.000	5827436	0.0115	
2	11.364	11.364	0.000	2263304	0.0117	
					RPD = 1.59	

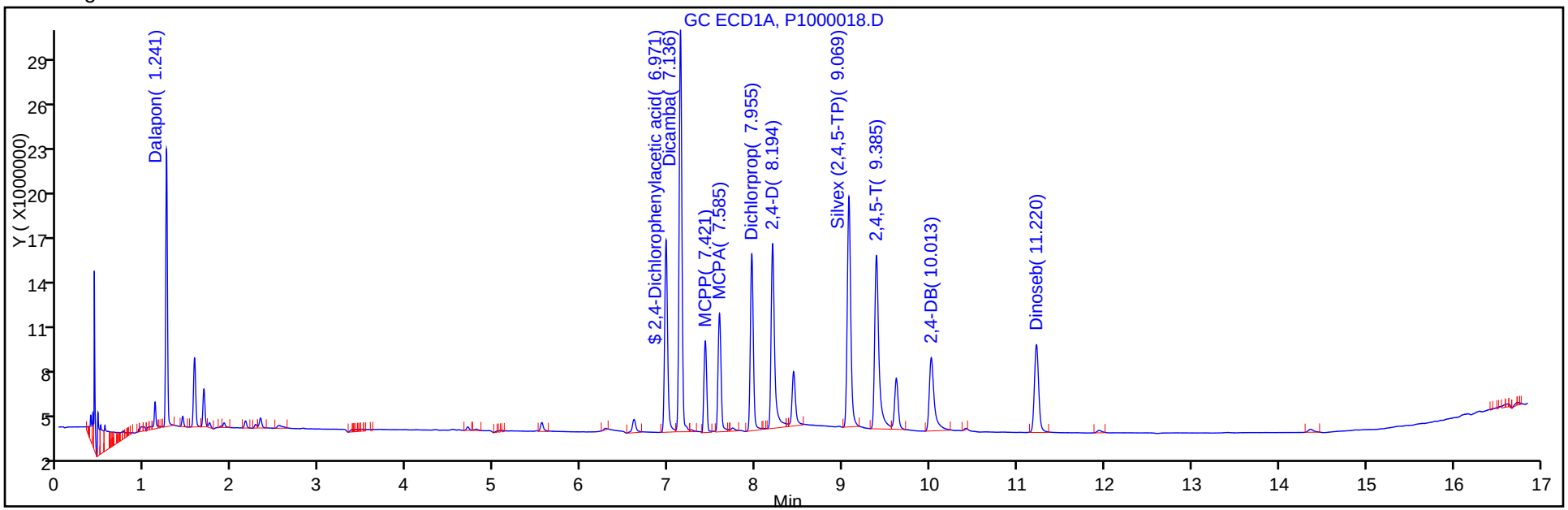
Report Date: 26-Dec-2012 13:51:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

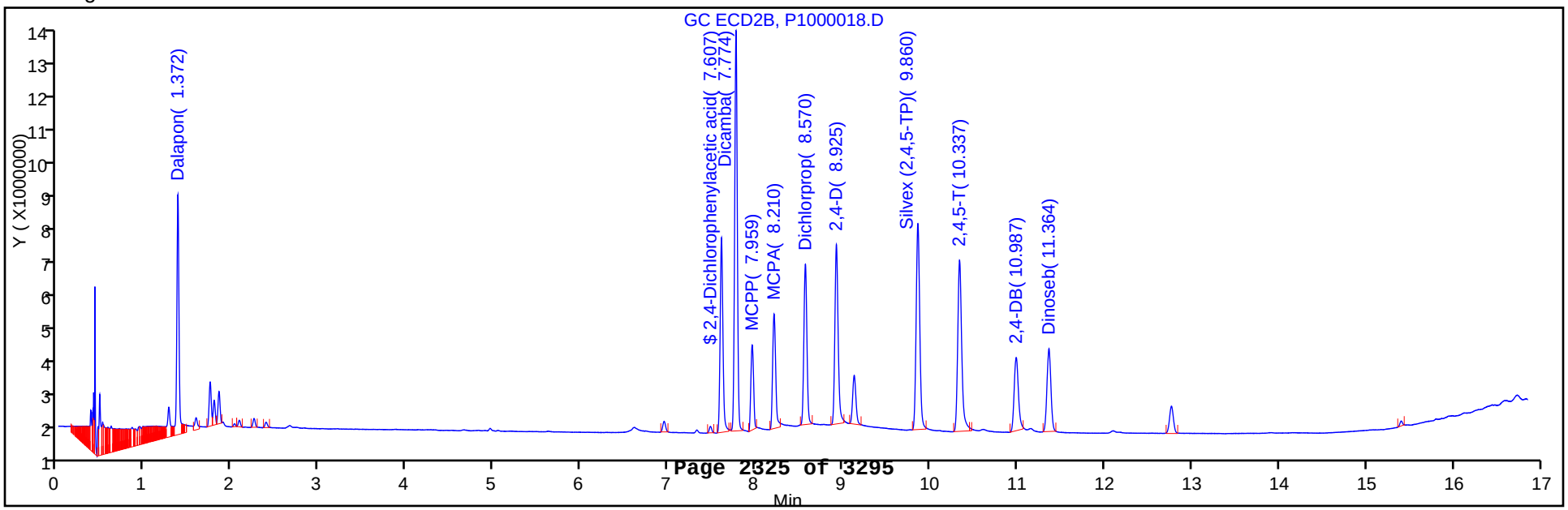
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000018.D

Injection Date:	24-Dec-2012 21:35:31	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	18
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/18 Calibration Date: 12/24/2012 21:35

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	145285641	163921350		0.0451	0.0400	12.8	20.0
Dicamba	Ave	255708069	273393025		0.0428	0.0400	6.9	20.0
MCPP	Qua		290451		8.52	8.00	6.6	20.0
MCPA	Lin1		390991		9.05	8.00	13.1	20.0
Dichlorprop	Ave	52718146	54745850		0.0831	0.0800	3.8	20.0
2,4-D	Ave	62005138	61250075		0.0790	0.0800	-1.2	20.0
Silvex (2,4,5-TP)	Ave	283903898	281406750		0.0198	0.0200	-0.9	20.0
2,4,5-T	Ave	242611790	233800300		0.0193	0.0200	-3.6	20.0
2,4-DB	Ave	26562352	24991825		0.0753	0.0800	-5.9	20.0
Dinoseb	Ave	193371382	188608667		0.0117	0.0120	-2.5	20.0
2,4-Dichlorophenylacetic acid	Ave	62078149	66498900		0.0857	0.0800	7.1	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/18 Calibration Date: 12/24/2012 21:35

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000018.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.37	1.35	1.39
Dicamba	7.77	7.75	7.79
MCPP	7.96	7.94	7.98
MCPA	8.21	8.19	8.23
Dichlorprop	8.57	8.55	8.59
2,4-D	8.93	8.91	8.95
Silvex (2,4,5-TP)	9.86	9.84	9.88
2,4,5-T	10.34	10.32	10.36
2,4-DB	10.99	10.97	11.01
Dinoseb	11.36	11.33	11.39
2,4-Dichlorophenylacetic acid	7.61	7.59	7.63

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000018.D
Lims ID: CCV Client ID:
Inject. Date: 24-Dec-2012 21:35:31 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016161-018
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 18
Lims Batch ID: 70037 Lims Sample ID: 18
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 13:51:52 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.241	1.241	0.000	18417242	0.0403	
2	1.372	1.372	0.000	6556854	0.0451	
					RPD = 11.40	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.971	6.971	0.000	12757930	0.0856	
2	7.607	7.607	0.000	5319912	0.0857	
					RPD = 0.13	
6 Dicamba						
1	7.136	7.136	0.000	26633433	0.0431	
2	7.774	7.774	0.000	10935721	0.0428	
					RPD = 0.79	
10 MCPP						
1	7.421	7.421	0.000	6073293	9.38	
2	7.959	7.959	0.000	2323605	8.52	
					RPD = 9.59	
9 MCPA						
1	7.585	7.585	0.000	7849438	9.28	
2	8.210	8.210	0.000	3127929	9.05	
					RPD = 2.51	
7 Dichlorprop						
1	7.955	7.955	0.000	11726446	0.0847	
2	8.570	8.570	0.000	4379668	0.0831	
					RPD = 1.94	
2 2,4-D						
1	8.194	8.194	0.000	12247884	0.0814	
2	8.925	8.925	0.000	4900006	0.0790	
					RPD = 2.91	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.069	9.069	0.000	15282153	0.0200	
2	9.860	9.860	0.000	5628135	0.0198	
					RPD = 0.97	
1 2,4,5-T						
1	9.385	9.385	0.000	11508018	0.0187	
2	10.337	10.337	0.000	4676006	0.0193	
					RPD = 2.76	
3 2,4-DB						
1	10.013	10.013	0.000	4873895	0.0763	
2	10.987	10.987	0.000	1999346	0.0753	
					RPD = 1.41	
8 Dinoseb						
1	11.220	11.220	0.000	5827436	0.0115	
2	11.364	11.364	0.000	2263304	0.0117	
					RPD = 1.59	

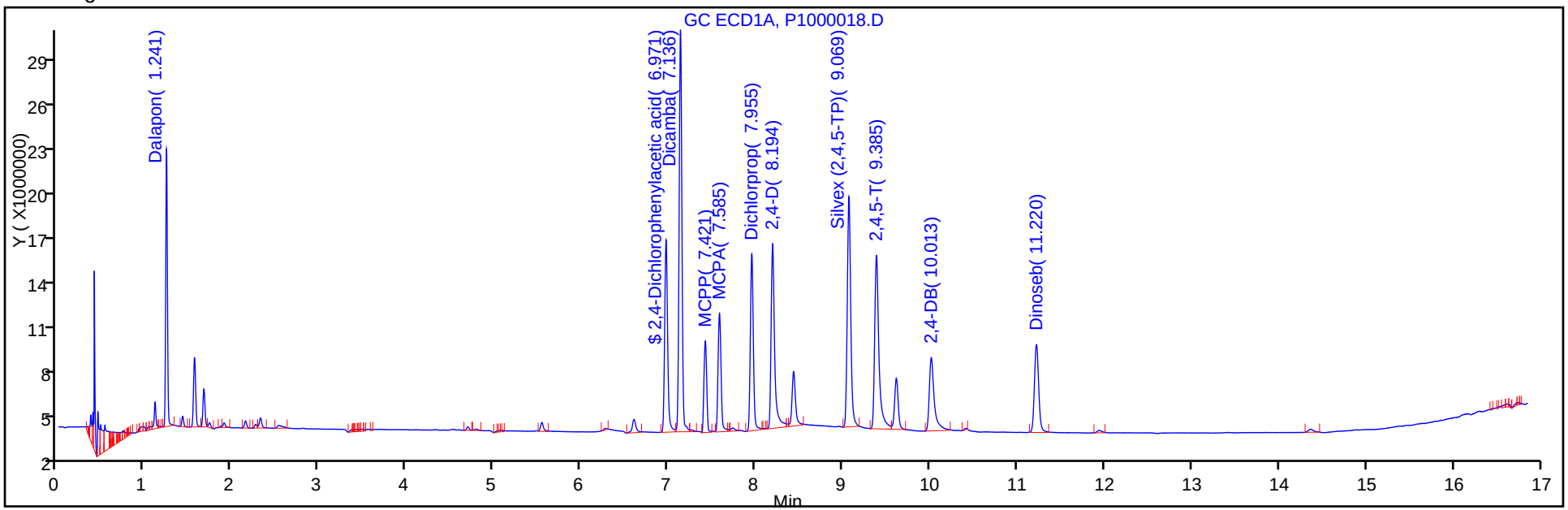
Report Date: 26-Dec-2012 13:51:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

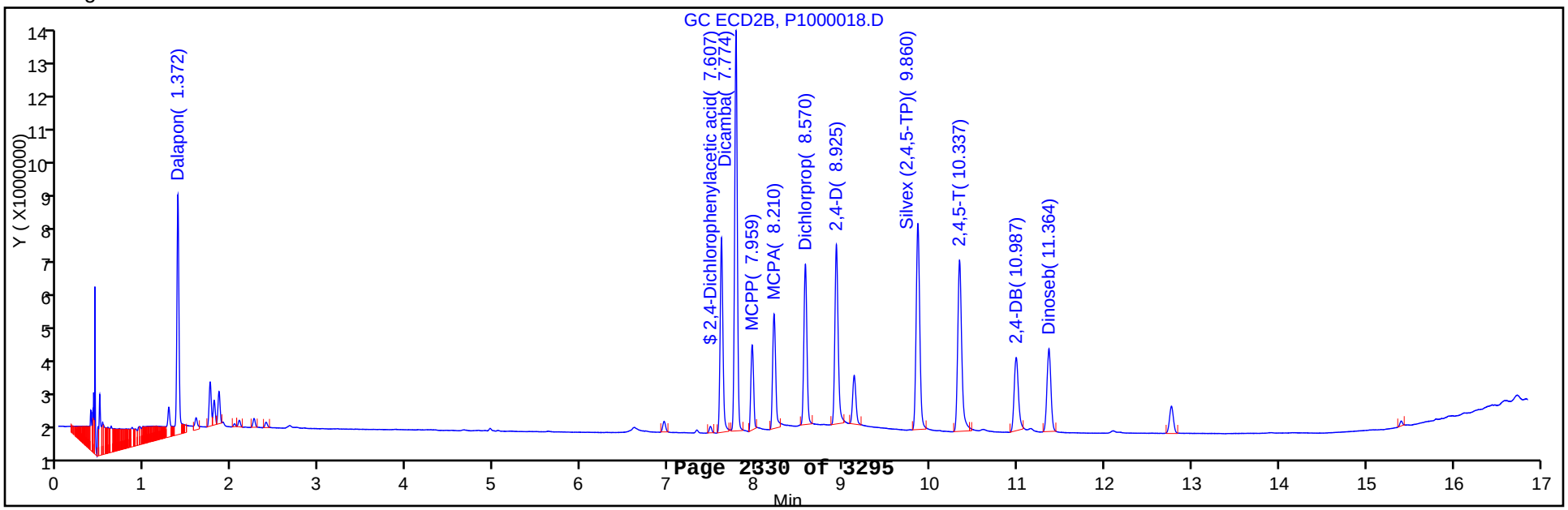
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000018.D

Injection Date:	24-Dec-2012 21:35:31	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	18
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/19 Calibration Date: 12/24/2012 21:59

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Lin1		2016467400		0.0110	0.0100	10.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/19 Calibration Date: 12/24/2012 21:59

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000019.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	8.28	8.26	8.30

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000019.D		
Lims ID:	CCV PCP	Client ID:	
Inject. Date:	24-Dec-2012 21:59:04	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016161-019		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	70037	Lims Sample ID:	19
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m		
Last Update:	26-Dec-2012 12:33:27	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.283	8.283	0.000	20164674	0.0110	
2	9.218	9.218	0.000	7894530	0.0103	
					RPD = 7.18	

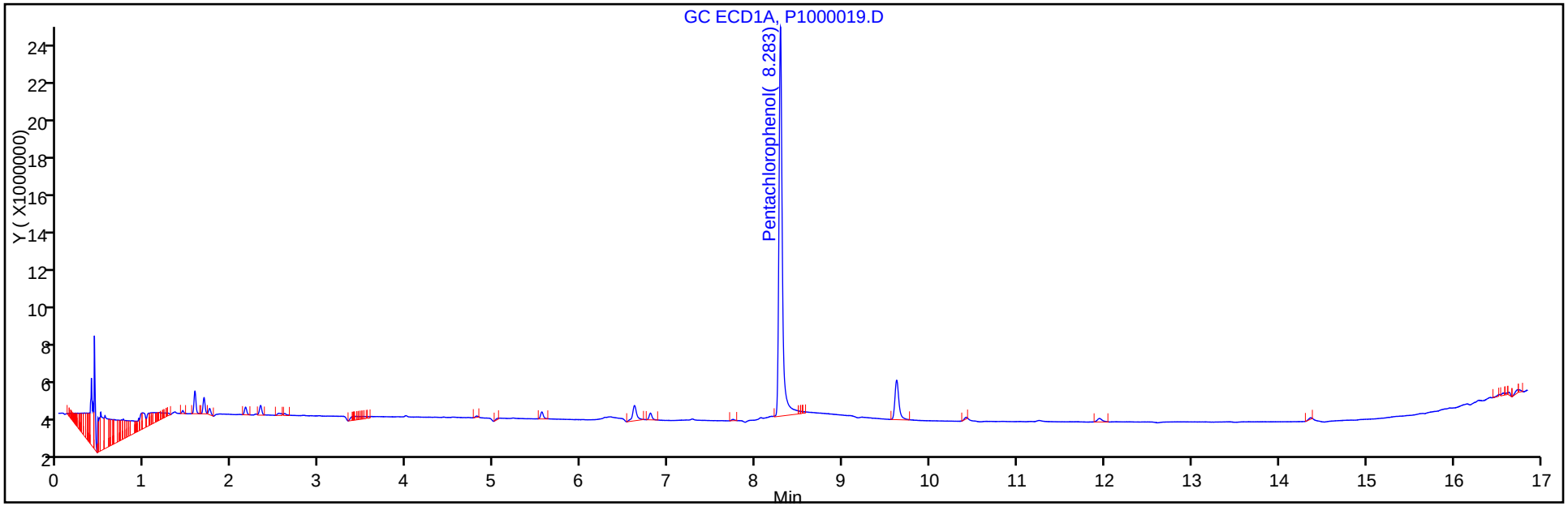
Report Date: 26-Dec-2012 12:33:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

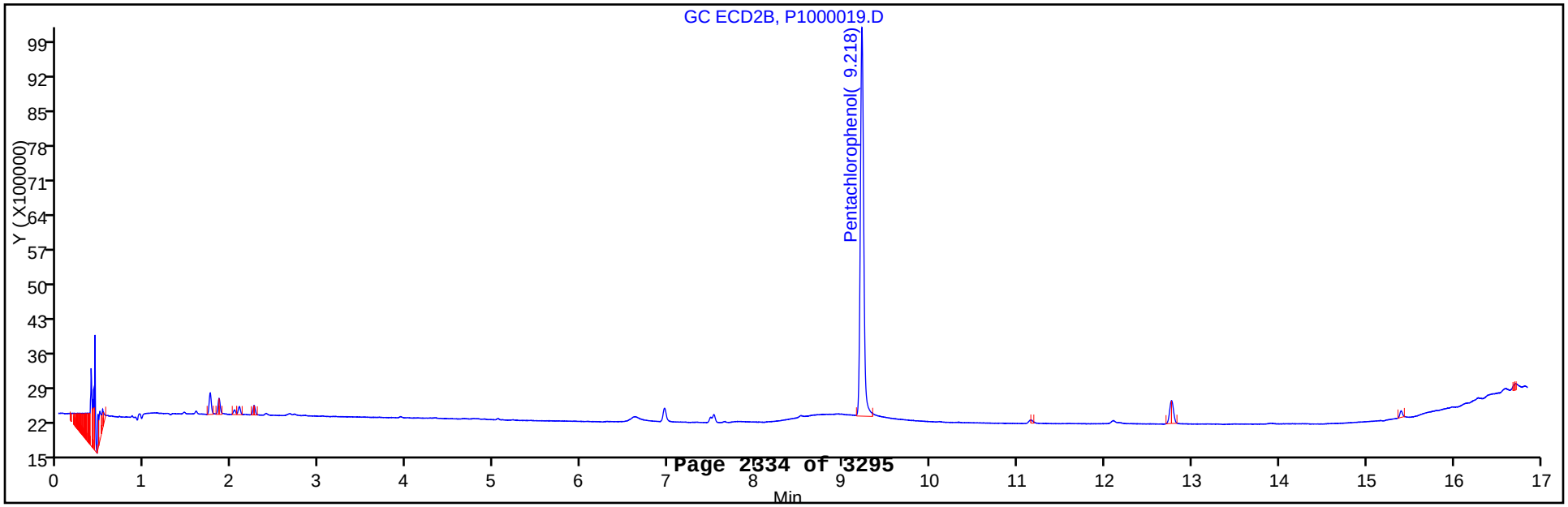
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000019.D

Injection Date:	24-Dec-2012 21:59:04	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	19
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/19 Calibration Date: 12/24/2012 21:59

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Lin1		789453000		0.0103	0.0100	2.6	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/19 Calibration Date: 12/24/2012 21:59

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000019.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	9.22	9.20	9.24

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000019.D		
Lims ID:	CCV PCP	Client ID:	
Inject. Date:	24-Dec-2012 21:59:04	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016161-019		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	70037	Lims Sample ID:	19
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m		
Last Update:	26-Dec-2012 12:33:27	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.283	8.283	0.000	20164674	0.0110	
2	9.218	9.218	0.000	7894530	0.0103	
					RPD = 7.18	

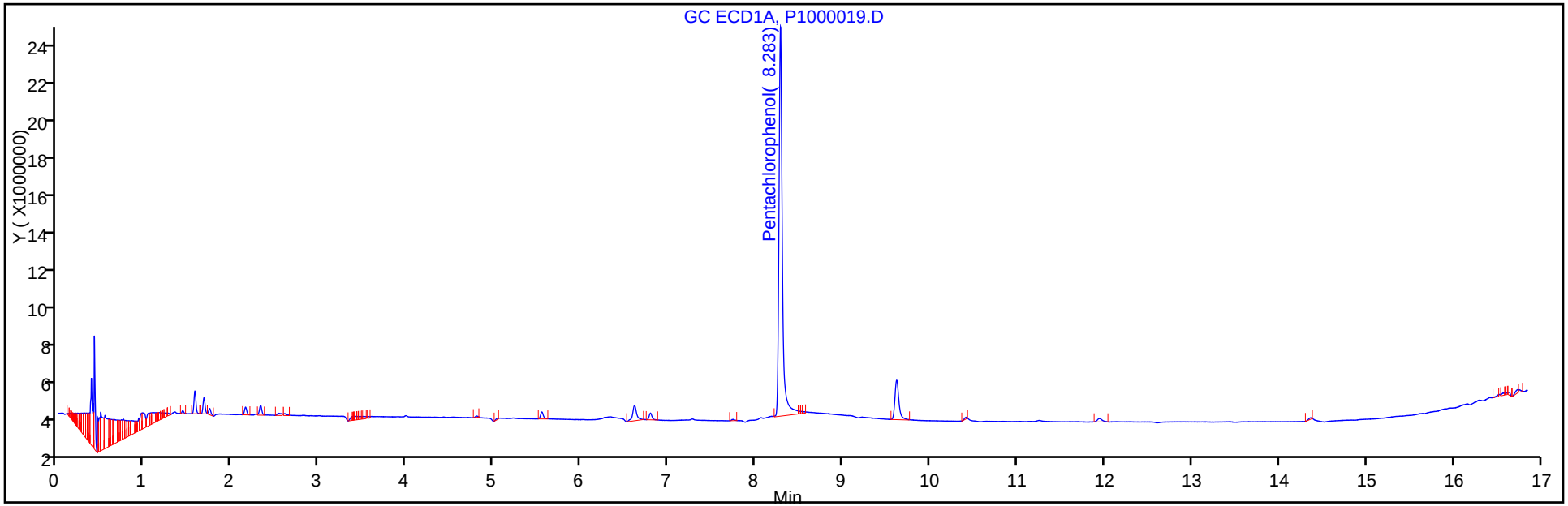
Report Date: 26-Dec-2012 12:33:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

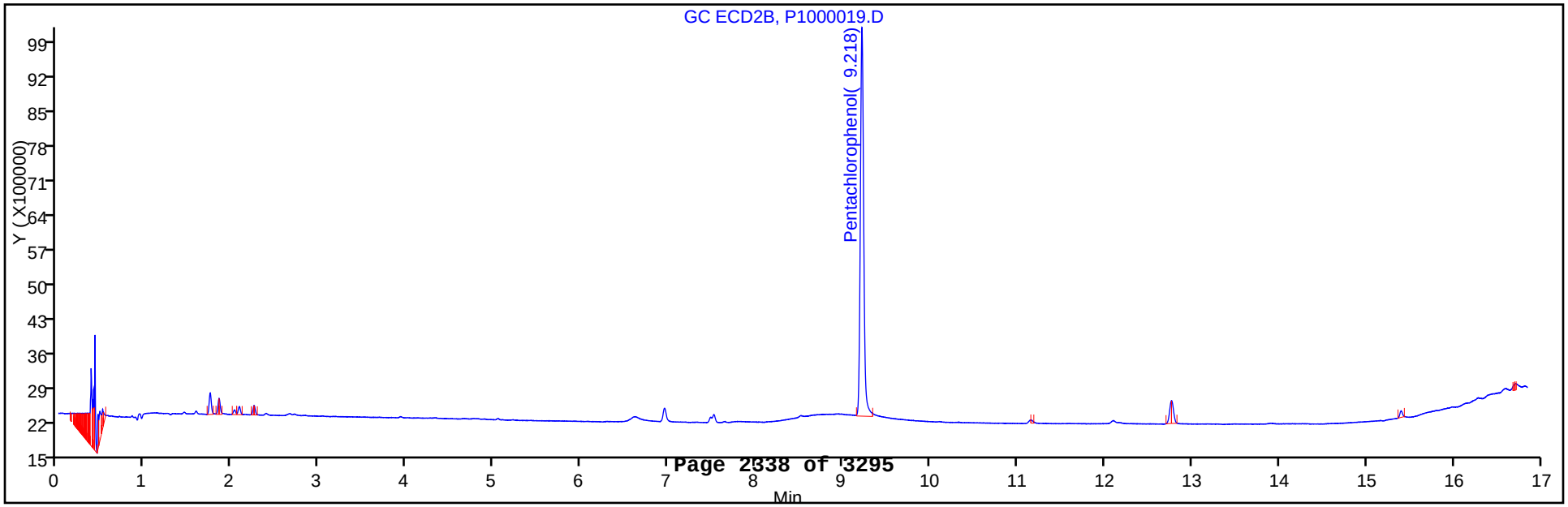
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000019.D

Injection Date:	24-Dec-2012 21:59:04	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	19
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/30 Calibration Date: 12/25/2012 02:17

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000030.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	457412034	460934100		0.0403	0.0400	0.8	20.0
Dicamba	Ave	617859973	690941200		0.0447	0.0400	11.8	20.0
MCPP	Qua		790424		9.89	8.00	23.6*	20.0
MCPA	Qua		1006404		9.61	8.00	20.1*	20.0
Dichlorprop	Ave	138436820	152837313		0.0883	0.0800	10.4	20.0
2,4-D	Ave	150538188	160594938		0.0853	0.0800	6.7	20.0
Silvex (2,4,5-TP)	Ave	763444311	791080800		0.0207	0.0200	3.6	20.0
2,4,5-T	Ave	613790425	601554400		0.0196	0.0200	-2.0	20.0
2,4-DB	Ave	63842790	64853325		0.0813	0.0800	1.6	20.0
Dinoseb	Ave	505863757	505237417		0.0120	0.0120	-0.1	20.0
2,4-Dichlorophenylacetic acid	Ave	149068897	164622150		0.0883	0.0800	10.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/30 Calibration Date: 12/25/2012 02:17

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000030.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.25	1.23	1.27
Dicamba	7.14	7.12	7.16
MCPP	7.43	7.41	7.45
MCPA	7.59	7.57	7.61
Dichlorprop	7.96	7.94	7.98
2,4-D	8.20	8.18	8.22
Silvex (2,4,5-TP)	9.07	9.05	9.09
2,4,5-T	9.39	9.37	9.41
2,4-DB	10.02	10.00	10.04
Dinoseb	11.23	11.20	11.26
2,4-Dichlorophenylacetic acid	6.98	6.96	7.00

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000030.D
Lims ID: CCV Client ID:
Inject. Date: 25-Dec-2012 02:17:15 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016161-030
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 70037 Lims Sample ID: 30
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 13:51:54 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.245	1.245	0.000	18437364	0.0403	
2	1.371	1.371	0.000	7007757	0.0482	
					RPD = 17.90	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.975	6.975	0.000	13169772	0.0883	
2	7.607	7.607	0.000	5490131	0.0884	
					RPD = 0.10	
6 Dicamba						
1	7.141	7.141	0.000	27637648	0.0447	
2	7.773	7.773	0.000	11382265	0.0445	
					RPD = 0.49	
10 MCPP						
1	7.425	7.425	0.000	6323389	9.89	
2	7.960	7.960	0.000	2463176	9.17	
					RPD = 7.46	
9 MCPA						
1	7.588	7.588	0.000	8051231	9.61	
2	8.210	8.210	0.000	3290668	9.67	
					RPD = 0.67	
7 Dichlorprop						
1	7.959	7.959	0.000	12226985	0.0883	
2	8.569	8.569	0.000	4616208	0.0876	
					RPD = 0.86	
2 2,4-D						
1	8.197	8.197	0.000	12847595	0.0853	
2	8.925	8.925	0.000	5135718	0.0828	
					RPD = 2.99	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.074	9.074	0.000	15821616	0.0207	
2	9.860	9.860	0.000	5907208	0.0208	
					RPD = 0.40	
1 2,4,5-T						
1	9.390	9.390	0.000	12031088	0.0196	
2	10.338	10.338	0.000	4945259	0.0204	
					RPD = 3.91	
3 2,4-DB						
1	10.019	10.019	0.000	5188266	0.0813	
2	10.985	10.985	0.000	2156851	0.0812	
					RPD = 0.08	
8 Dinoseb						
1	11.226	11.226	0.000	6062849	0.0120	
2	11.362	11.362	0.000	2361809	0.0122	
					RPD = 1.89	

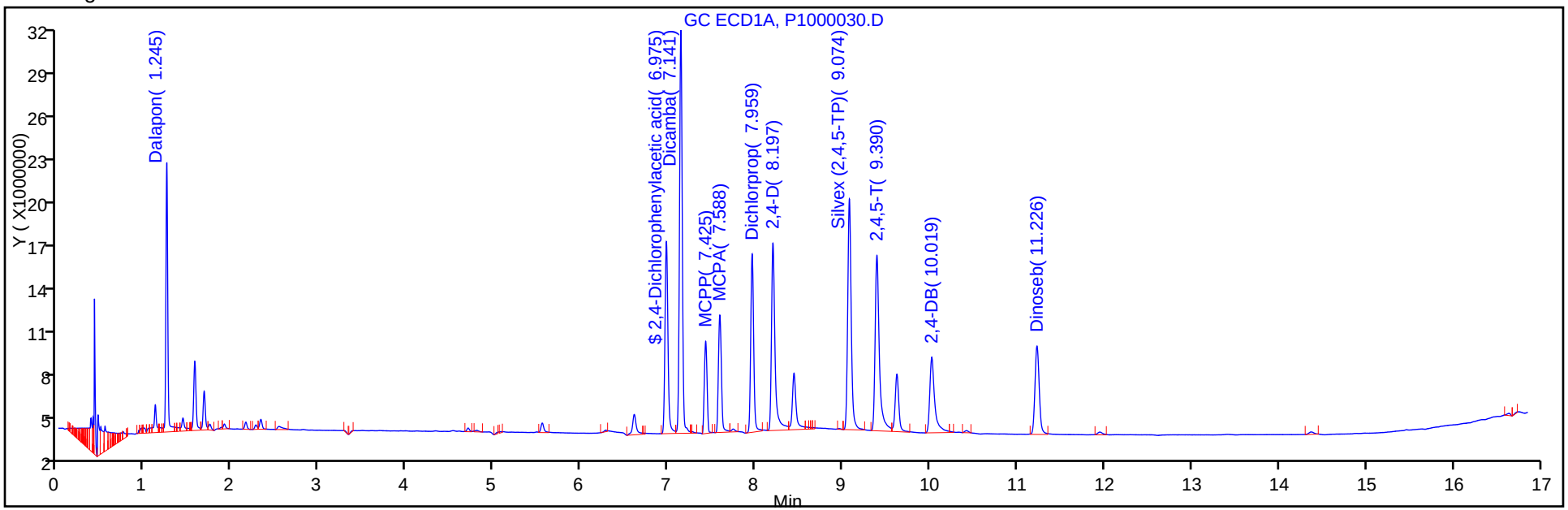
Report Date: 26-Dec-2012 13:51:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

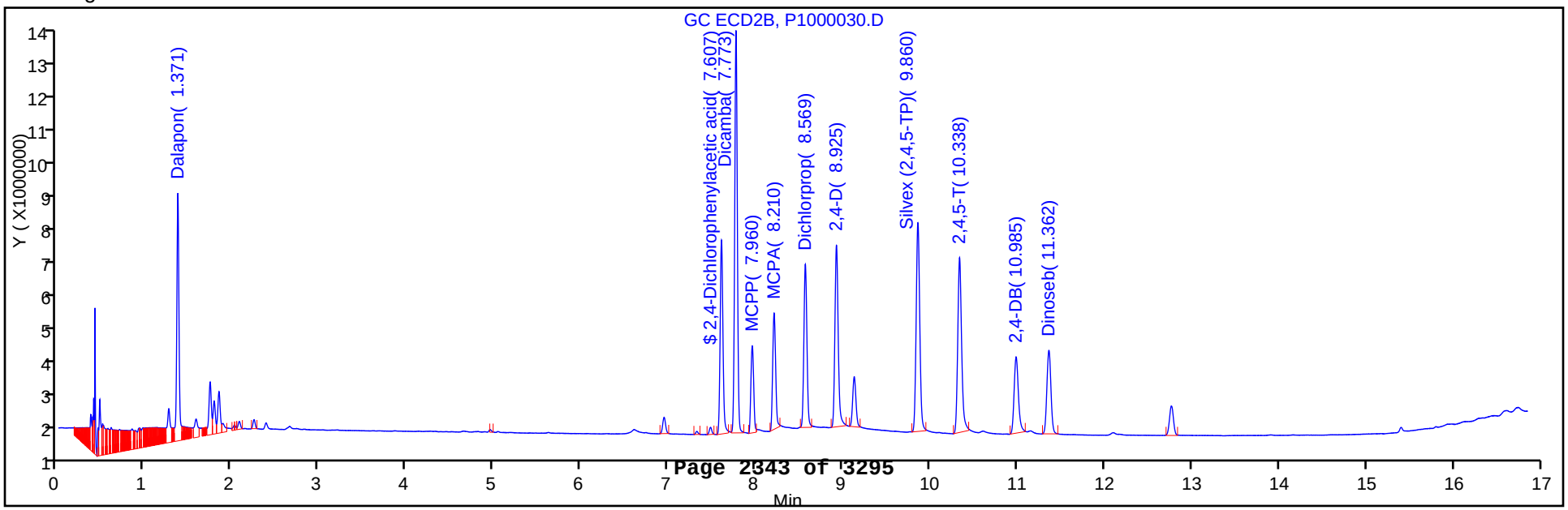
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000030.D

Injection Date:	25-Dec-2012 02:17:15	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	30
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/30 Calibration Date: 12/25/2012 02:17

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000030.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	145285641	175193925		0.0482	0.0400	20.6*	20.0
Dicamba	Ave	255708069	284556625		0.0445	0.0400	11.3	20.0
MCPP	Qua		307897		9.17	8.00	14.7	20.0
MCPA	Lin1		411334		9.67	8.00	20.9*	20.0
Dichlorprop	Ave	52718146	57702600		0.0876	0.0800	9.5	20.0
2,4-D	Ave	62005138	64196475		0.0828	0.0800	3.5	20.0
Silvex (2,4,5-TP)	Ave	283903898	295360400		0.0208	0.0200	4.0	20.0
2,4,5-T	Ave	242611790	247262950		0.0204	0.0200	1.9	20.0
2,4-DB	Ave	26562352	26960638		0.0812	0.0800	1.5	20.0
Dinoseb	Ave	193371382	196817417		0.0122	0.0120	1.8	20.0
2,4-Dichlorophenylacetic acid	Ave	62078149	68626638		0.0884	0.0800	10.5	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/30 Calibration Date: 12/25/2012 02:17

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000030.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.37	1.35	1.39
Dicamba	7.77	7.75	7.79
MCPP	7.96	7.94	7.98
MCPA	8.21	8.19	8.23
Dichlorprop	8.57	8.55	8.59
2,4-D	8.93	8.91	8.95
Silvex (2,4,5-TP)	9.86	9.84	9.88
2,4,5-T	10.34	10.32	10.36
2,4-DB	10.99	10.97	11.01
Dinoseb	11.36	11.33	11.39
2,4-Dichlorophenylacetic acid	7.61	7.59	7.63

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000030.D
Lims ID: CCV Client ID:
Inject. Date: 25-Dec-2012 02:17:15 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016161-030
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 30
Lims Batch ID: 70037 Lims Sample ID: 30
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m
Last Update: 26-Dec-2012 13:51:54 Calib Date: 03-Dec-2012 19:52:08
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK028

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.245	1.245	0.000	18437364	0.0403	
2	1.371	1.371	0.000	7007757	0.0482	
					RPD = 17.90	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.975	6.975	0.000	13169772	0.0883	
2	7.607	7.607	0.000	5490131	0.0884	
					RPD = 0.10	
6 Dicamba						
1	7.141	7.141	0.000	27637648	0.0447	
2	7.773	7.773	0.000	11382265	0.0445	
					RPD = 0.49	
10 MCPP						
1	7.425	7.425	0.000	6323389	9.89	
2	7.960	7.960	0.000	2463176	9.17	
					RPD = 7.46	
9 MCPA						
1	7.588	7.588	0.000	8051231	9.61	
2	8.210	8.210	0.000	3290668	9.67	
					RPD = 0.67	
7 Dichlorprop						
1	7.959	7.959	0.000	12226985	0.0883	
2	8.569	8.569	0.000	4616208	0.0876	
					RPD = 0.86	
2 2,4-D						
1	8.197	8.197	0.000	12847595	0.0853	
2	8.925	8.925	0.000	5135718	0.0828	
					RPD = 2.99	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.074	9.074	0.000	15821616	0.0207	
2	9.860	9.860	0.000	5907208	0.0208	
					RPD = 0.40	
1 2,4,5-T						
1	9.390	9.390	0.000	12031088	0.0196	
2	10.338	10.338	0.000	4945259	0.0204	
					RPD = 3.91	
3 2,4-DB						
1	10.019	10.019	0.000	5188266	0.0813	
2	10.985	10.985	0.000	2156851	0.0812	
					RPD = 0.08	
8 Dinoseb						
1	11.226	11.226	0.000	6062849	0.0120	
2	11.362	11.362	0.000	2361809	0.0122	
					RPD = 1.89	

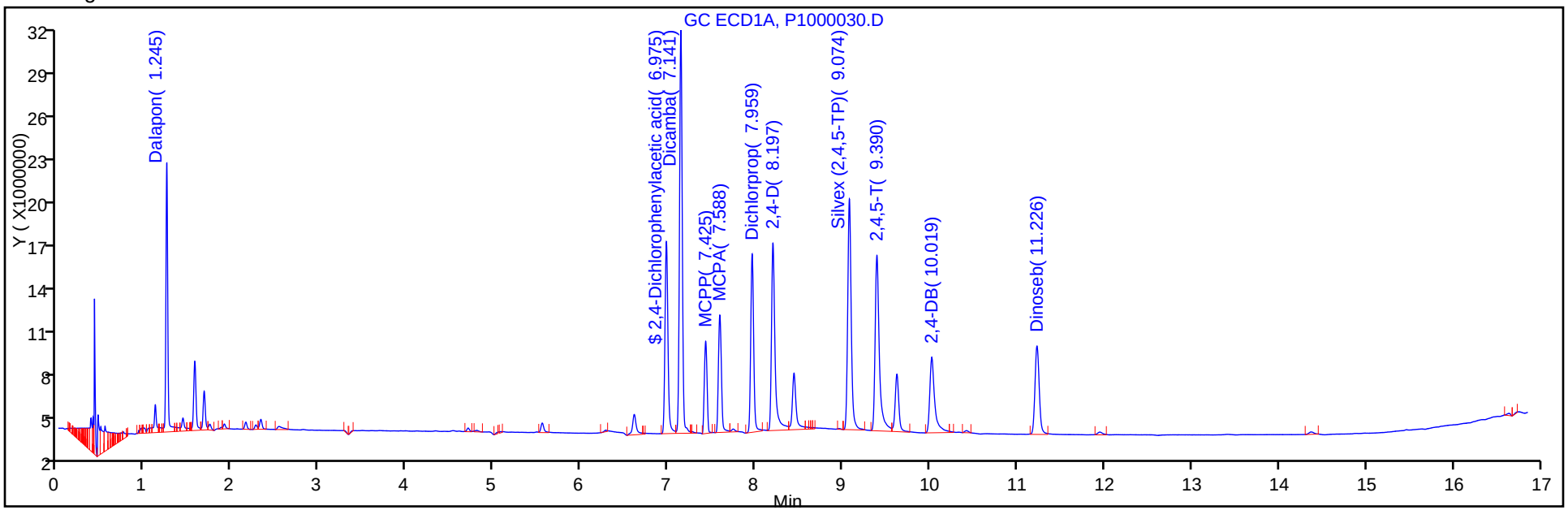
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TestAmerica Canton

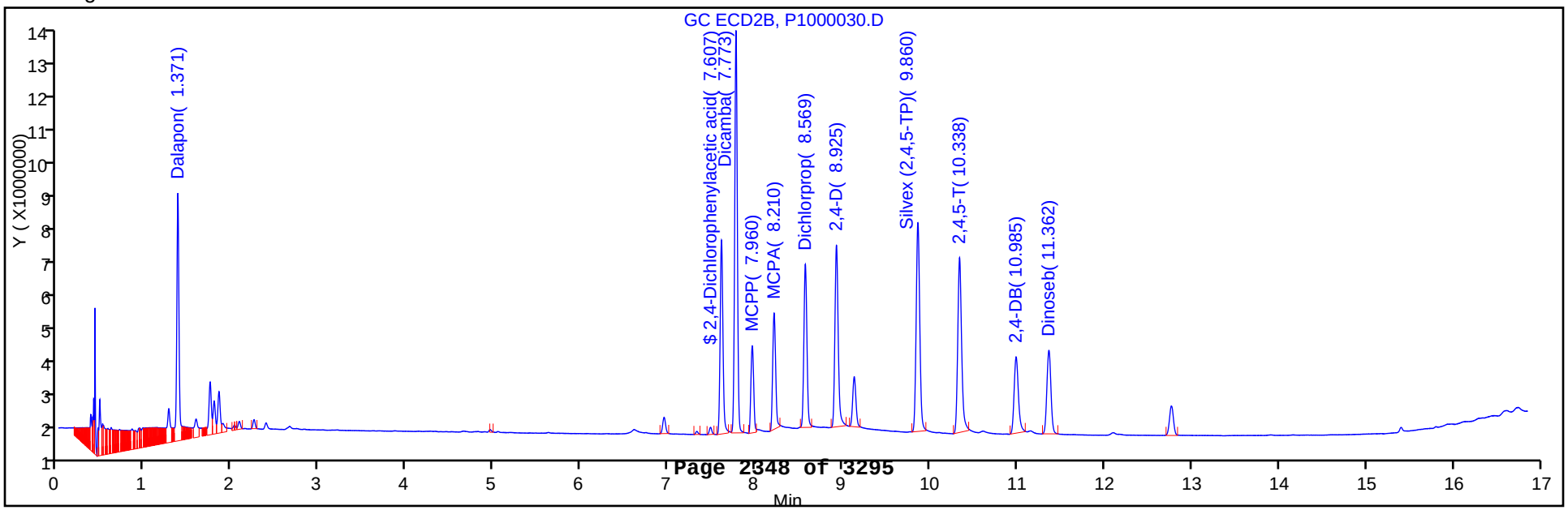
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000030.D

Injection Date:	25-Dec-2012 02:17:15	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	30
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/31 Calibration Date: 12/25/2012 02:40

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000031.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Lin1		2099238000		0.0115	0.0100	15.3	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/31 Calibration Date: 12/25/2012 02:40

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000031.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	8.29	8.27	8.31

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000031.D		
Lims ID:	CCV PCP	Client ID:	
Inject. Date:	25-Dec-2012 02:40:48	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016161-031		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	70037	Lims Sample ID:	31
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m		
Last Update:	26-Dec-2012 12:33:40	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.287	8.287	0.000	20992380	0.0115	
2	9.217	9.217	0.000	8190521	0.0107	
					RPD = 7.68	

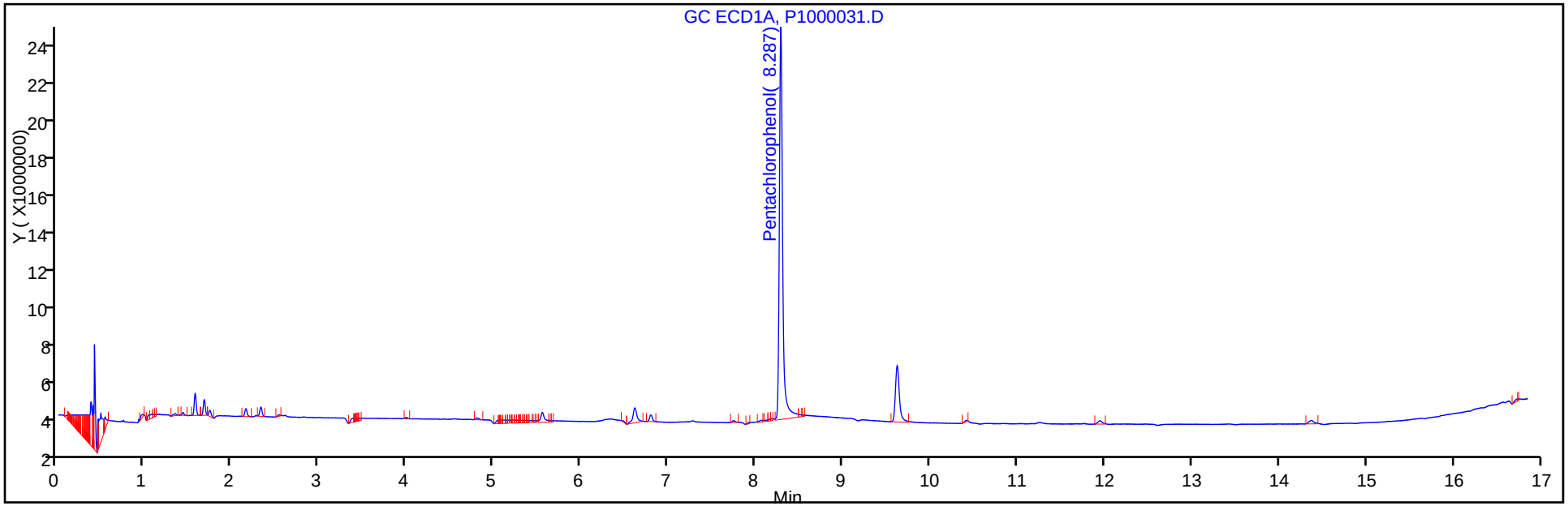
Report Date: 26-Dec-2012 12:33:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

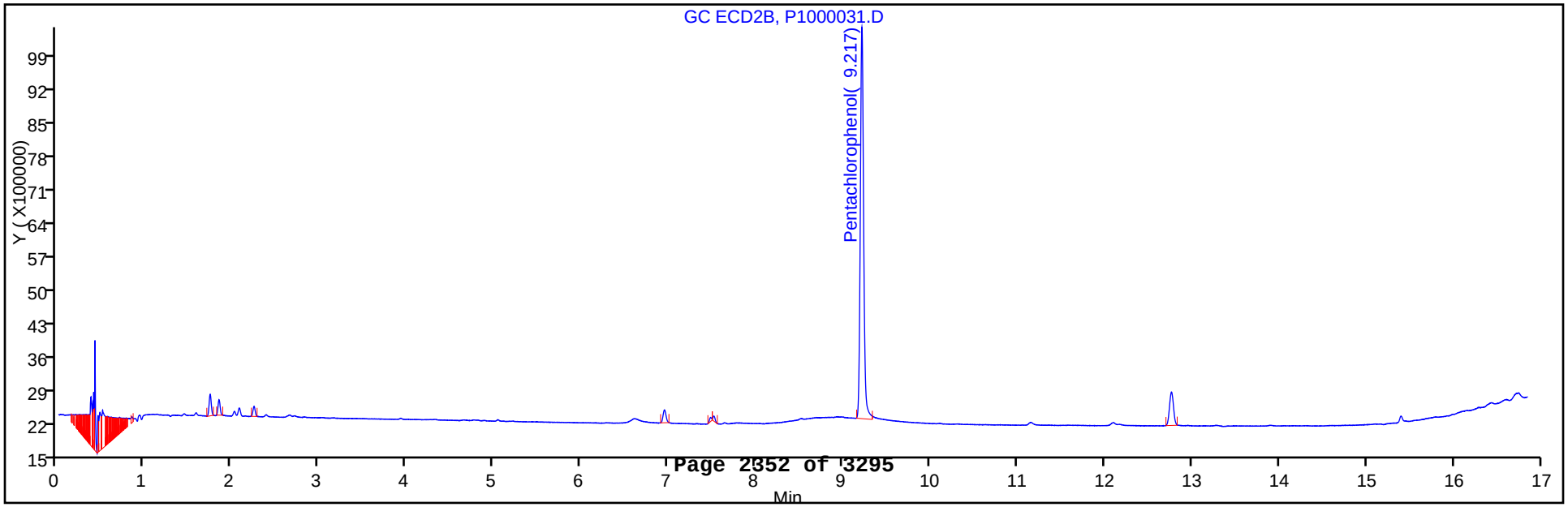
Data File: \\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000031.D

Injection Date:	25-Dec-2012 02:40:48	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	31
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/31 Calibration Date: 12/25/2012 02:40

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000031.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Lin1		819052100		0.0107	0.0100	6.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70037/31 Calibration Date: 12/25/2012 02:40

Instrument ID: A2HP1 Calib Start Date: 09/18/2012 13:18

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 09/18/2012 15:16

Lab File ID: P1000031.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	9.22	9.20	9.24

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000031.D		
Lims ID:	CCV PCP	Client ID:	
Inject. Date:	25-Dec-2012 02:40:48	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016161-031		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	31
Lims Batch ID:	70037	Lims Sample ID:	31
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m		
Last Update:	26-Dec-2012 12:33:40	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.287	8.287	0.000	20992380	0.0115	
2	9.217	9.217	0.000	8190521	0.0107	
					RPD = 7.68	

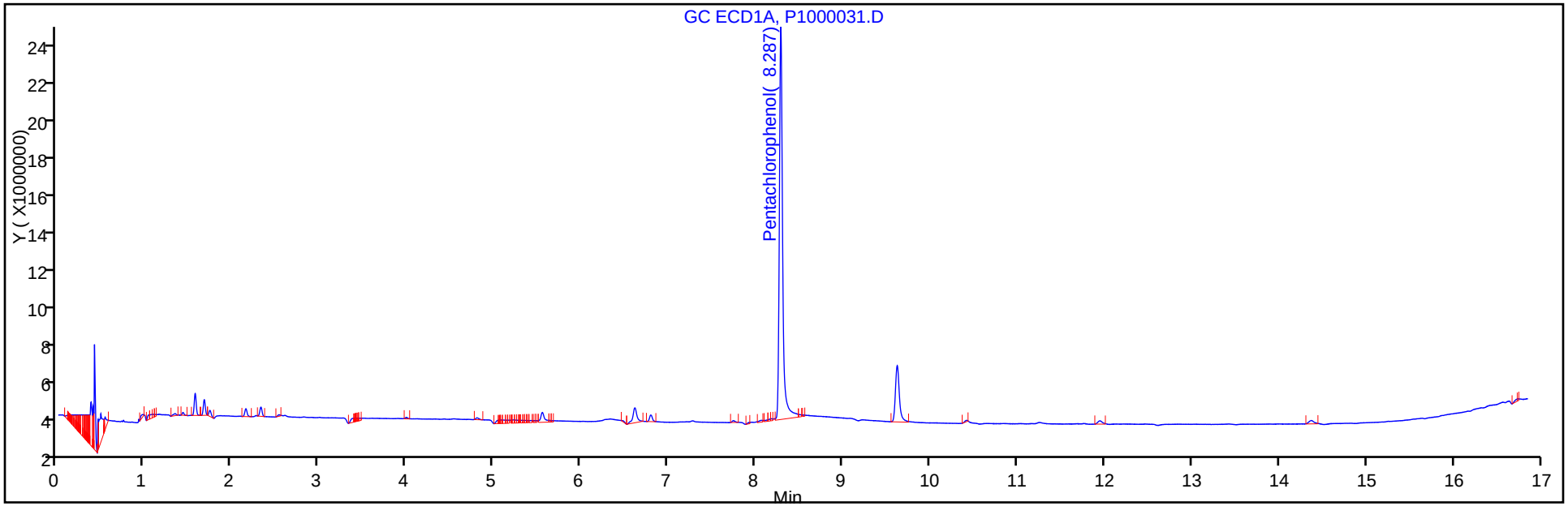
Report Date: 26-Dec-2012 12:33:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

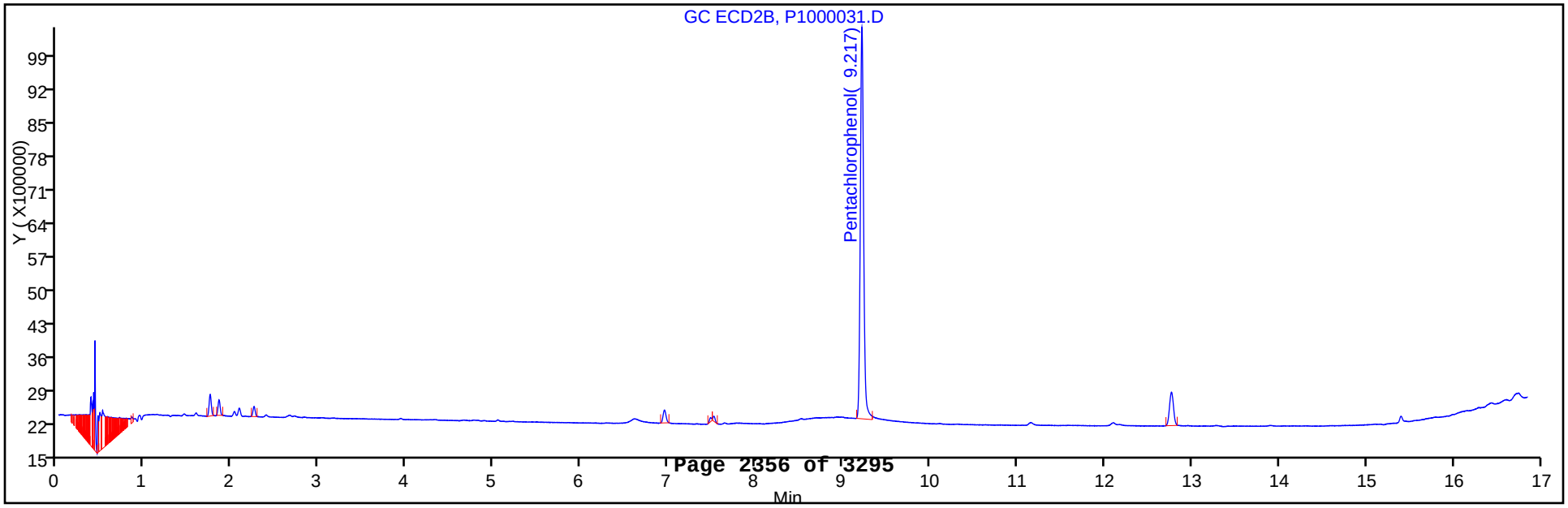
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Injection Date:	25-Dec-2012 02:40:48	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	31
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-70766/11 Calibration Date: 12/31/2012 17:14

Instrument ID: A2HP1 Calib Start Date: 12/31/2012 14:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/31/2012 16:50

Lab File ID: P1000011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Ave	1675476035	1716230010		0.0103	0.0100	2.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-70766/11 Calibration Date: 12/31/2012 17:14

Instrument ID: A2HP1 Calib Start Date: 12/31/2012 14:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/31/2012 16:50

Lab File ID: P1000011.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	8.27	8.25	8.29

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000011.D		
Lims ID:	ICV PCP	Client ID:	
Inject. Date:	31-Dec-2012 17:14:24	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	240-0016320-011		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	70766	Lims Sample ID:	11
Sublist:			
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:46:04	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: bolgrind Date: 02-Jan-2013 09:14:50

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.273	8.274	-0.001	17213787	0.0103	
2	9.224	9.224	0.000	7086361	0.0100	
					RPD = 2.64	

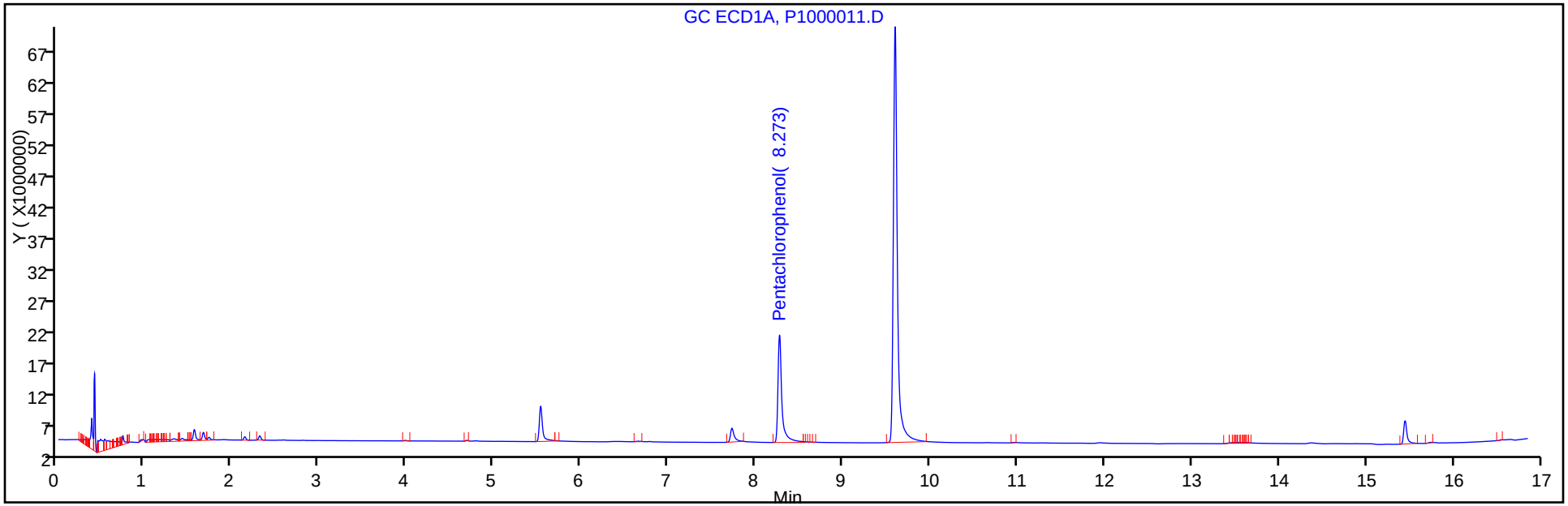
Report Date: 02-Jan-2013 09:46:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

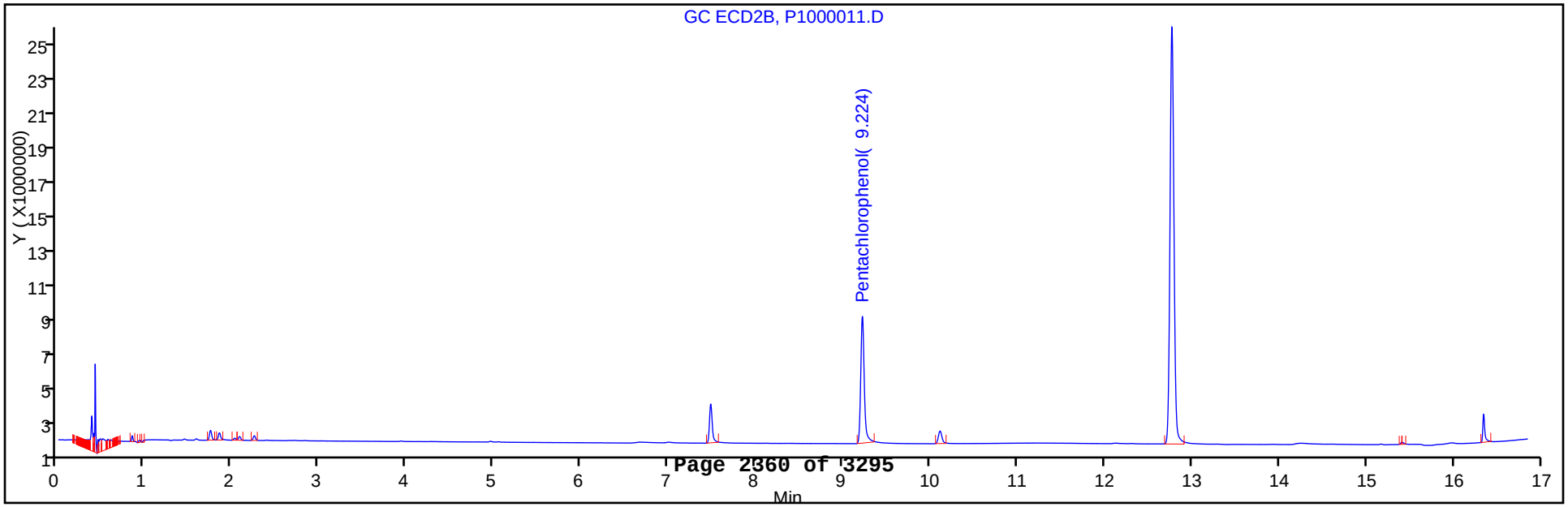
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000011.D

Injection Date:	31-Dec-2012 17:14:24	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	11
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-70766/11 Calibration Date: 12/31/2012 17:14

Instrument ID: A2HP1 Calib Start Date: 12/31/2012 14:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/31/2012 16:50

Lab File ID: P1000011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Ave	708195506	706516550		0.0100	0.0100	-0.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: ICV 240-70766/11 Calibration Date: 12/31/2012 17:14

Instrument ID: A2HP1 Calib Start Date: 12/31/2012 14:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/31/2012 16:50

Lab File ID: P1000011.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	9.22	9.20	9.24

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000011.D		
Lims ID:	ICV PCP	Client ID:	
Inject. Date:	31-Dec-2012 17:14:24	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	240-0016320-011		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	11
Lims Batch ID:	70766	Lims Sample ID:	11
Sublist:			
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:46:04	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

First Level Reviewer: bolgrind Date: 02-Jan-2013 09:14:50

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.273	8.274	-0.001	17213787	0.0103	
2	9.224	9.224	0.000	7086361	0.0100	
					RPD = 2.64	

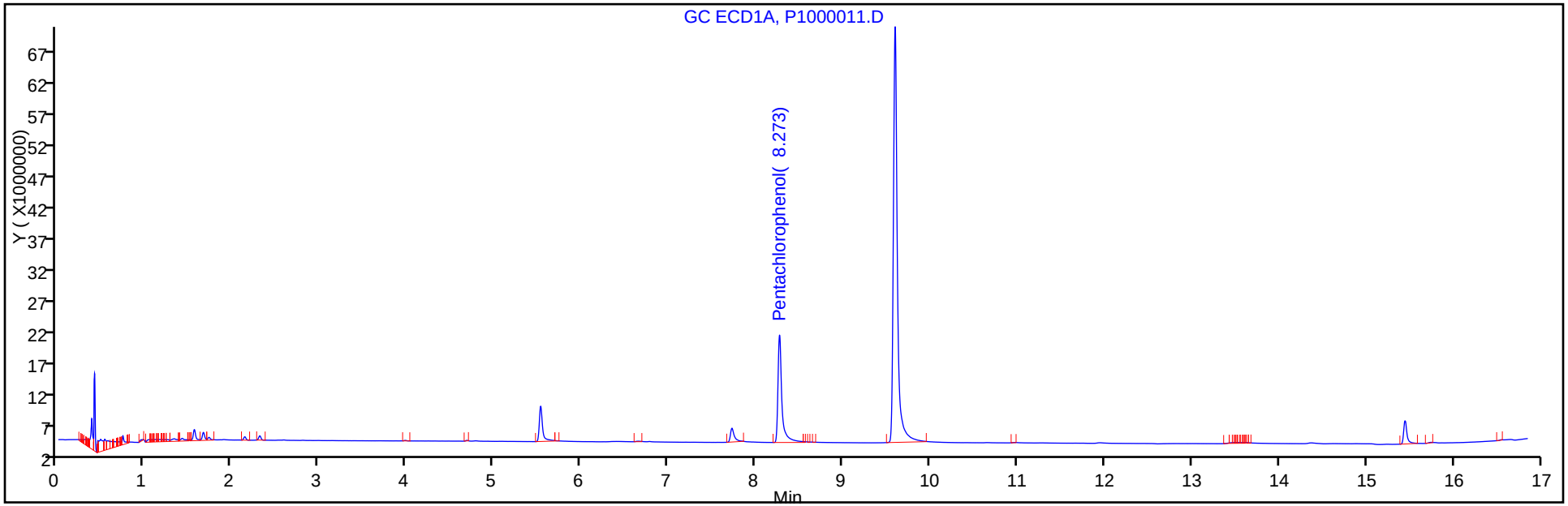
Report Date: 02-Jan-2013 09:46:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

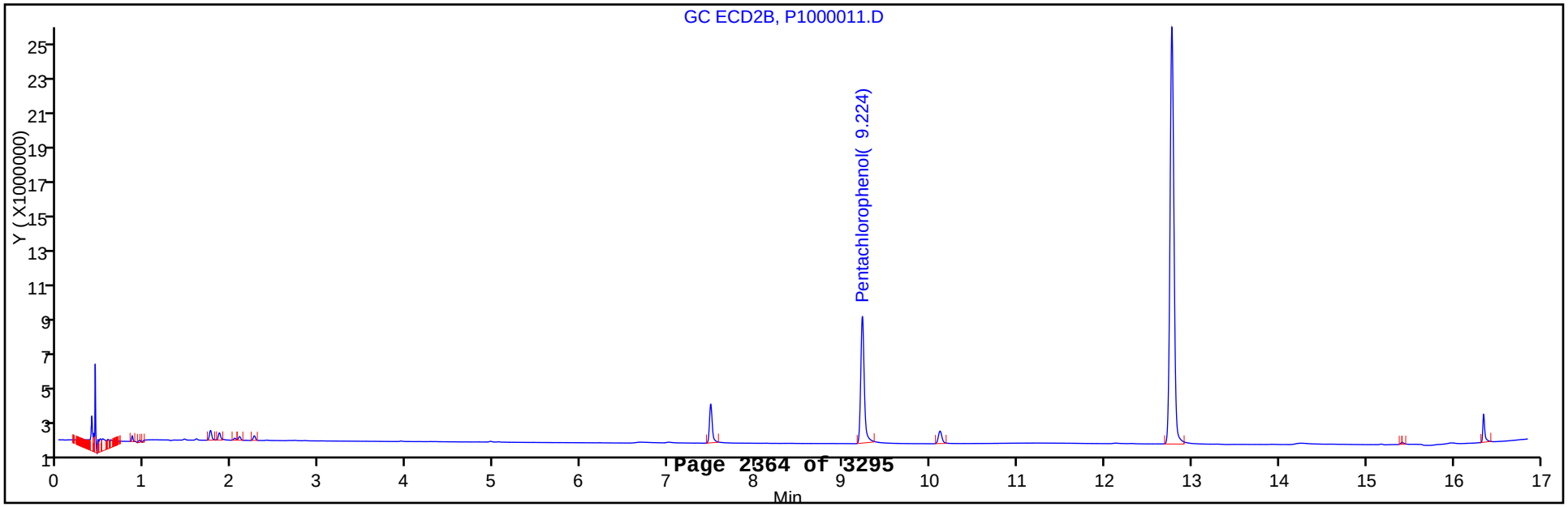
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000011.D

Injection Date:	31-Dec-2012 17:14:24	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	11
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/12 Calibration Date: 12/31/2012 17:37

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	457412034	398221950			0.0400	-12.9	20.0
Dicamba	Ave	617859973	598032525			0.0400	-3.2	20.0
MCPP	Qua		721571			8.00	9.8	20.0
MCPA	Qua		916921			8.00	5.5	20.0
Dichlorprop	Ave	138436820	120463825			0.0800	-13.0	20.0
2,4-D	Ave	150538188	104543200		0.0556	0.0800	-30.6*	20.0
Silvex (2,4,5-TP)	Ave	763444311	577662450		0.0151	0.0200	-24.3*	20.0
2,4,5-T	Ave	613790425	379537600		0.0124	0.0200	-38.2*	20.0
2,4-DB	Ave	63842790	38989750			0.0800	-38.9*	20.0
Dinoseb	Ave	505863757	259285750			0.0120	-48.7*	20.0
2,4-Dichlorophenylacetic acid	Ave	149068897	133842825		0.0718	0.0800	-10.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/12 Calibration Date: 12/31/2012 17:37

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.24	1.22	1.26
Dicamba	7.13	7.11	7.15
MCPP	7.41	7.39	7.43
MCPA	7.57	7.55	7.59
Dichlorprop	7.95	7.93	7.97
2,4-D	8.19	8.17	8.21
Silvex (2,4,5-TP)	9.06	9.04	9.08
2,4,5-T	9.38	9.36	9.40
2,4-DB	10.02	10.00	10.04
Dinoseb	11.21	11.18	11.24
2,4-Dichlorophenylacetic acid	6.96	6.94	6.98

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000012.D
Lims ID: CCV Client ID:
Inject. Date: 31-Dec-2012 17:37:53 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0016320-012
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 70766 Lims Sample ID: 12
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 02-Jan-2013 09:45:02 Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.235	1.235	0.000	15928878	0.0348	
2	1.374	1.374	0.000	4894860	0.0337	
					RPD = 3.31	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.960	6.960	0.000	10707426	0.0718	
2	7.613	7.613	0.000	4258655	0.0686	
					RPD = 4.60	
6 Dicamba						
1	7.125	7.125	0.000	23921301	0.0387	
2	7.779	7.779	0.000	9790806	0.0383	
					RPD = 1.11	
10 MCPP						
1	7.409	7.409	0.000	5772569	8.78	
2	7.964	7.964	0.000	2240219	8.14	
					RPD = 7.61	
9 MCPA						
1	7.574	7.574	0.000	7335365	8.44	
2	8.214	8.214	0.000	2925480	8.27	
					RPD = 2.04	
7 Dichlorprop						
1	7.945	7.945	0.000	9637106	0.0696	
2	8.575	8.575	0.000	3658796	0.0694	
					RPD = 0.30	
2 2,4-D						
1	8.188	8.188	0.000	8363456	0.0556	
2	8.935	8.935	0.000	3659414	0.0590	
					RPD = 6.04	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.063	9.063	0.000	11553249	0.0151	
2	9.869	9.869	0.000	4468171	0.0157	
					RPD = 3.92	
1 2,4,5-T						
1	9.383	9.383	0.000	7590752	0.0124	
2	10.351	10.351	0.000	3350975	0.0138	
					RPD = 11.04	
3 2,4-DB						
1	10.018	10.018	0.000	3119180	0.0489	
2	11.003	11.003	0.000	178843	0.006733	
					RPD = 151.55	
8 Dinoseb						
1	11.213	11.213	0.000	3111429	0.006151	
2	11.377	11.377	0.000	1160712	0.006003	
					RPD = 2.44	

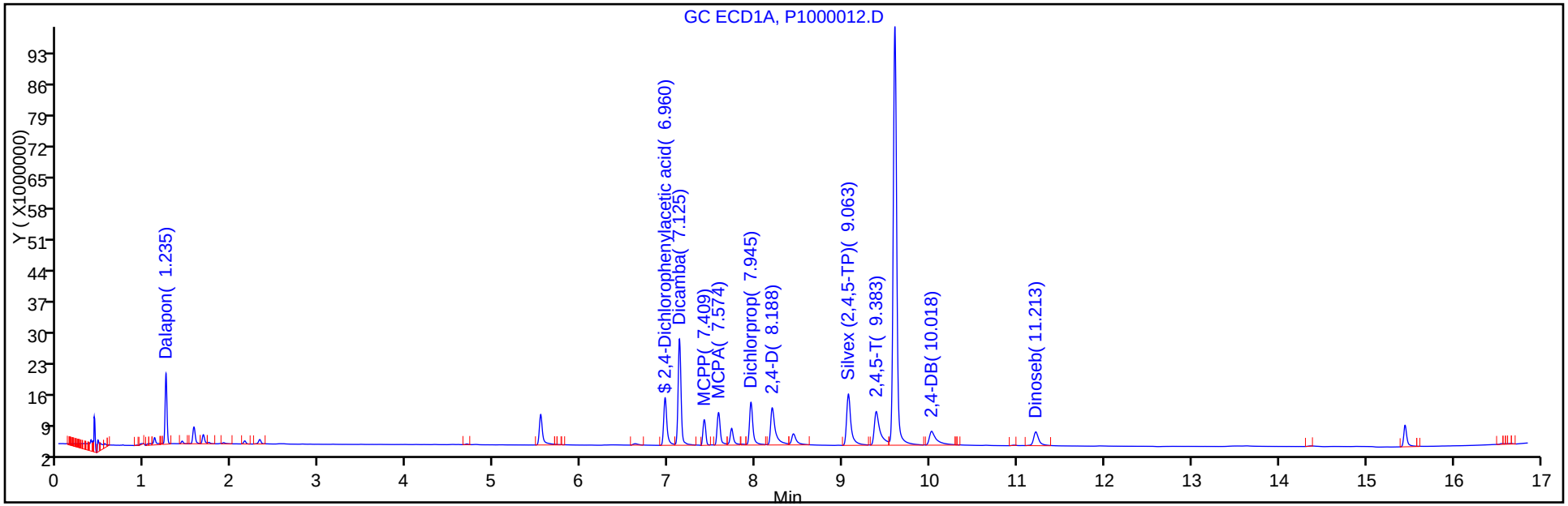
Report Date: 02-Jan-2013 09:45:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

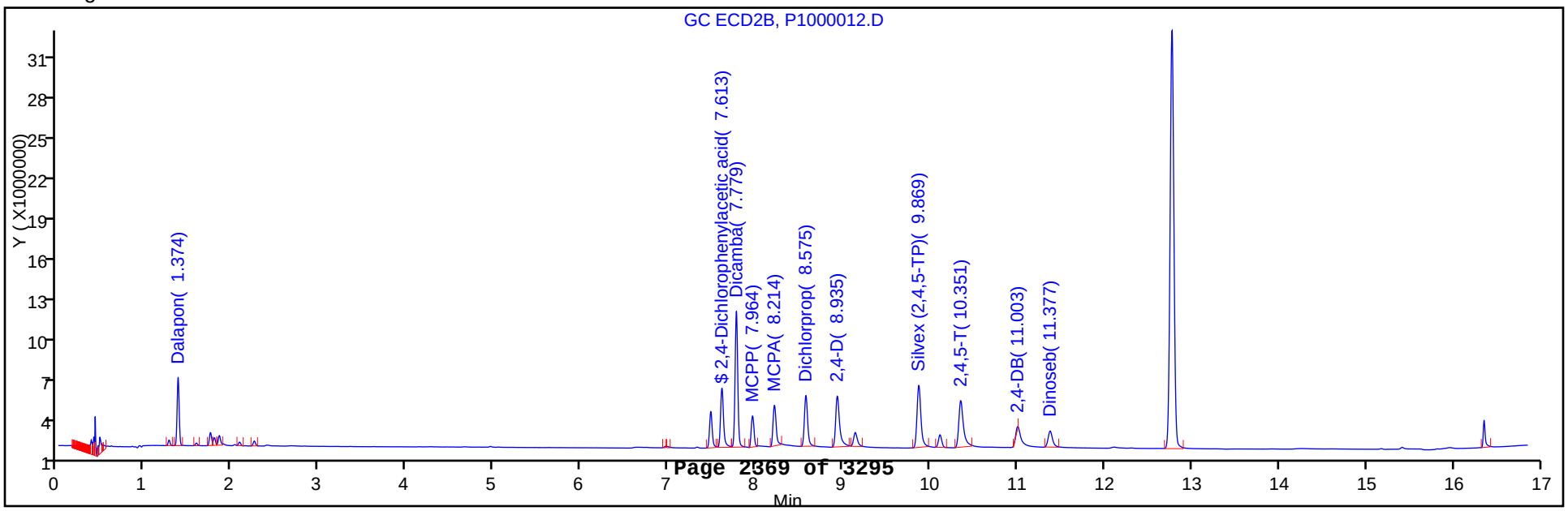
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000012.D

Injection Date:	31-Dec-2012 17:37:53	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	12
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/12 Calibration Date: 12/31/2012 17:37

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	145285641	122371500			0.0400	-15.8	20.0
Dicamba	Ave	255708069	244770150			0.0400	-4.3	20.0
MCPP	Qua		280027			8.00	1.7	20.0
MCPA	Lin1		365685			8.00	3.4	20.0
Dichlorprop	Ave	52718146	45734950			0.0800	-13.2	20.0
2,4-D	Ave	62005138	45742675		0.0590	0.0800	-26.2*	20.0
Silvex (2,4,5-TP)	Ave	283903898	223408550		0.0157	0.0200	-21.3*	20.0
2,4,5-T	Ave	242611790	167548750		0.0138	0.0200	-30.9*	20.0
2,4-DB	Ave	26562352	2235538			0.0800	-91.6*	20.0
Dinoseb	Ave	193371382	96726000			0.0120	-50.0*	20.0
2,4-Dichlorophenylacetic acid	Ave	62078149	53233188		0.0686	0.0800	-14.2	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/12 Calibration Date: 12/31/2012 17:37

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000012.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.37	1.35	1.39
Dicamba	7.78	7.76	7.80
MCPP	7.96	7.94	7.98
MCPA	8.21	8.19	8.23
Dichlorprop	8.58	8.56	8.60
2,4-D	8.94	8.92	8.96
Silvex (2,4,5-TP)	9.87	9.85	9.89
2,4,5-T	10.35	10.33	10.37
2,4-DB	11.00	10.98	11.02
Dinoseb	11.38	11.35	11.41
2,4-Dichlorophenylacetic acid	7.61	7.59	7.63

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000012.D
Lims ID: CCV Client ID:
Inject. Date: 31-Dec-2012 17:37:53 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: 240-0016320-012
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 70766 Lims Sample ID: 12
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 02-Jan-2013 09:45:02 Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.235	1.235	0.000	15928878	0.0348	
2	1.374	1.374	0.000	4894860	0.0337	
					RPD = 3.31	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.960	6.960	0.000	10707426	0.0718	
2	7.613	7.613	0.000	4258655	0.0686	
					RPD = 4.60	
6 Dicamba						
1	7.125	7.125	0.000	23921301	0.0387	
2	7.779	7.779	0.000	9790806	0.0383	
					RPD = 1.11	
10 MCPP						
1	7.409	7.409	0.000	5772569	8.78	
2	7.964	7.964	0.000	2240219	8.14	
					RPD = 7.61	
9 MCPA						
1	7.574	7.574	0.000	7335365	8.44	
2	8.214	8.214	0.000	2925480	8.27	
					RPD = 2.04	
7 Dichlorprop						
1	7.945	7.945	0.000	9637106	0.0696	
2	8.575	8.575	0.000	3658796	0.0694	
					RPD = 0.30	
2 2,4-D						
1	8.188	8.188	0.000	8363456	0.0556	
2	8.935	8.935	0.000	3659414	0.0590	
					RPD = 6.04	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.063	9.063	0.000	11553249	0.0151	
2	9.869	9.869	0.000	4468171	0.0157	
					RPD = 3.92	
1 2,4,5-T						
1	9.383	9.383	0.000	7590752	0.0124	
2	10.351	10.351	0.000	3350975	0.0138	
					RPD = 11.04	
3 2,4-DB						
1	10.018	10.018	0.000	3119180	0.0489	
2	11.003	11.003	0.000	178843	0.006733	
					RPD = 151.55	
8 Dinoseb						
1	11.213	11.213	0.000	3111429	0.006151	
2	11.377	11.377	0.000	1160712	0.006003	
					RPD = 2.44	

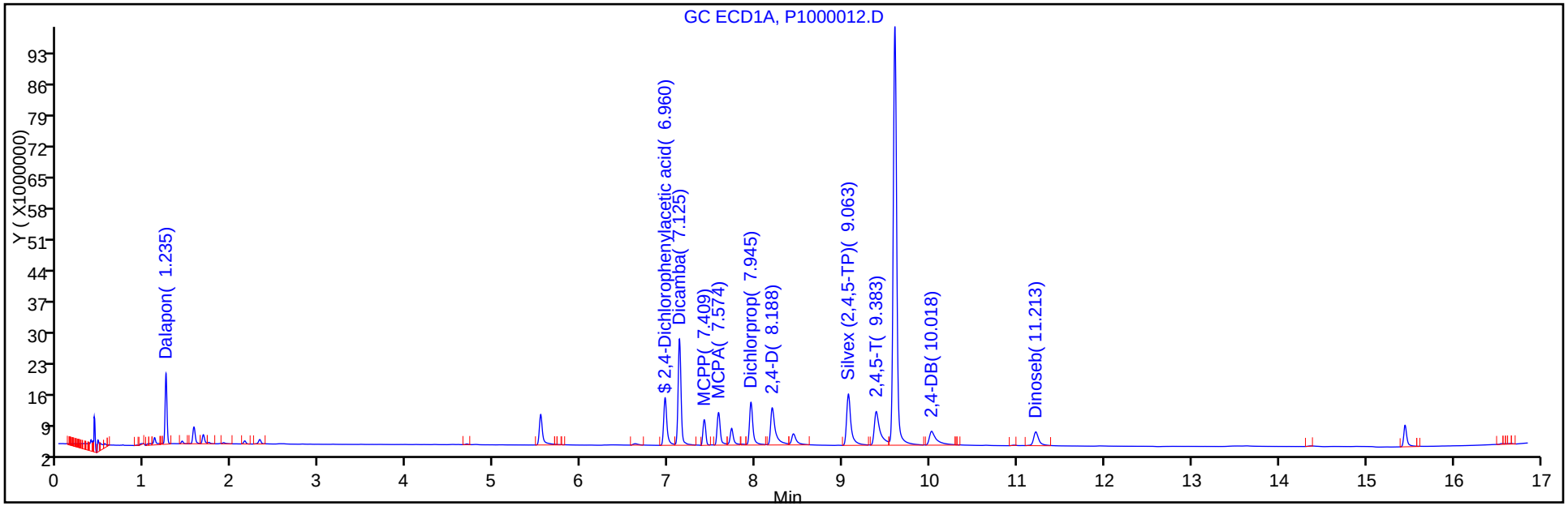
Report Date: 02-Jan-2013 09:45:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

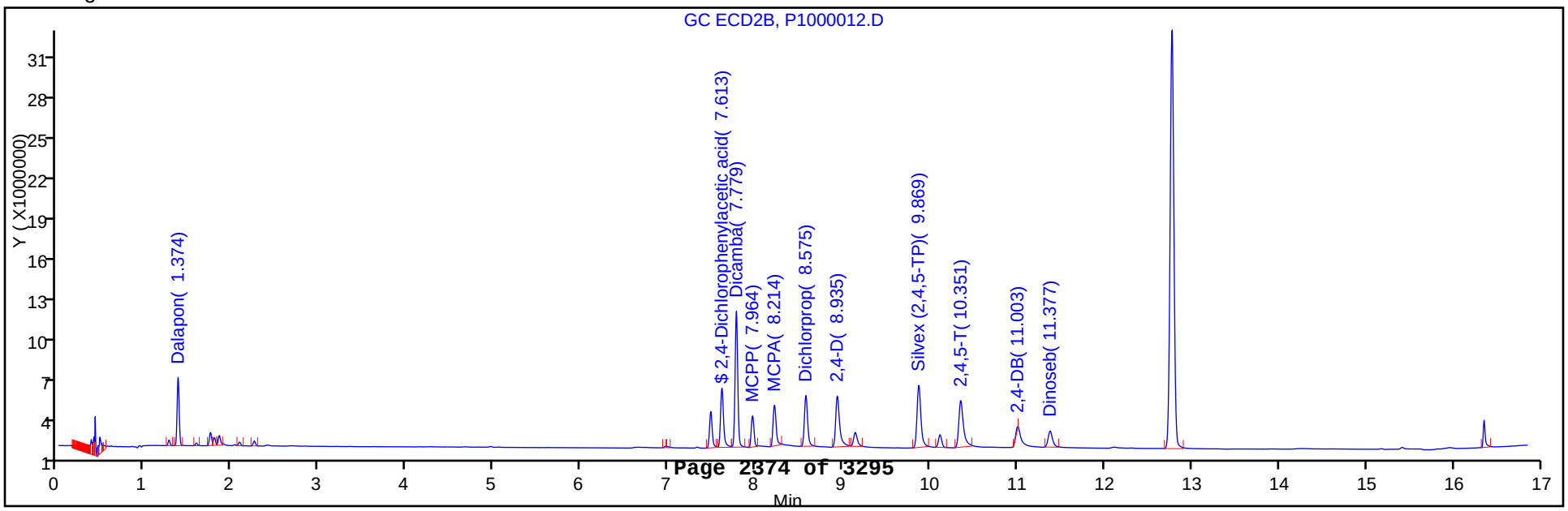
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Injection Date:	31-Dec-2012 17:37:53	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	12
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/21 Calibration Date: 12/31/2012 21:09

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	457412034	426658200			0.0400	-6.7	20.0
Dicamba	Ave	617859973	669089775			0.0400	8.3	20.0
MCPP	Qua		773325			8.00	20.1*	20.0
MCPA	Qua		987732			8.00	17.0	20.0
Dichlorprop	Ave	138436820	140737738			0.0800	1.7	20.0
2,4-D	Ave	150538188	136707913		0.0727	0.0800	-9.2	20.0
Silvex (2,4,5-TP)	Ave	763444311	716886400		0.0188	0.0200	-6.1	20.0
2,4,5-T	Ave	613790425	511800700		0.0167	0.0200	-16.6	20.0
2,4-DB	Ave	63842790	56320475			0.0800	-11.8	20.0
Dinoseb	Ave	505863757	443494333			0.0120	-12.3	20.0
2,4-Dichlorophenylacetic acid	Ave	149068897	149073850		0.0800	0.0800	0.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/21 Calibration Date: 12/31/2012 21:09

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000021.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.24	1.22	1.26
Dicamba	7.13	7.11	7.15
MCPP	7.41	7.39	7.43
MCPA	7.57	7.55	7.59
Dichlorprop	7.95	7.93	7.97
2,4-D	8.19	8.17	8.21
Silvex (2,4,5-TP)	9.06	9.04	9.08
2,4,5-T	9.38	9.36	9.40
2,4-DB	10.01	9.99	10.03
Dinoseb	11.21	11.18	11.24
2,4-Dichlorophenylacetic acid	6.96	6.94	6.98

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000021.D
Lims ID: CCV Client ID:
Inject. Date: 31-Dec-2012 21:09:45 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016320-021
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 70766 Lims Sample ID: 21
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 02-Jan-2013 09:45:11 Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.237	1.237	0.000	17066328	0.0373	
2	1.375	1.375	0.000	5516481	0.0380	
					RPD = 1.75	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.961	6.961	0.000	11925908	0.0800	
2	7.613	7.613	0.000	4882050	0.0786	
					RPD = 1.71	
6 Dicamba						
1	7.127	7.127	0.000	26763591	0.0433	
2	7.779	7.779	0.000	10816901	0.0423	
					RPD = 2.37	
10 MCPP						
1	7.411	7.411	0.000	6186599	9.61	
2	7.964	7.964	0.000	2451987	9.12	
					RPD = 5.21	
9 MCPA						
1	7.573	7.573	0.000	7901858	9.36	
2	8.216	8.216	0.000	3233482	9.45	
					RPD = 0.95	
7 Dichlorprop						
1	7.945	7.945	0.000	11259019	0.0813	
2	8.575	8.575	0.000	4151024	0.0787	
					RPD = 3.24	
2 2,4-D						
1	8.185	8.185	0.000	10936633	0.0727	
2	8.933	8.933	0.000	4552391	0.0734	
					RPD = 1.05	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.060	9.060	0.000	14337728	0.0188	
2	9.869	9.869	0.000	5238996	0.0185	
					RPD = 1.76	
1 2,4,5-T						
1	9.376	9.376	0.000	10236014	0.0167	
2	10.347	10.347	0.000	4214030	0.0174	
					RPD = 4.07	
3 2,4-DB						
1	10.007	10.007	0.000	4505638	0.0706	
2	10.999	10.999	0.000	1954661	0.0736	
					RPD = 4.18	
8 Dinoseb						
1	11.206	11.206	0.000	5321932	0.0105	
2	11.373	11.373	0.000	1985810	0.0103	
					RPD = 2.42	

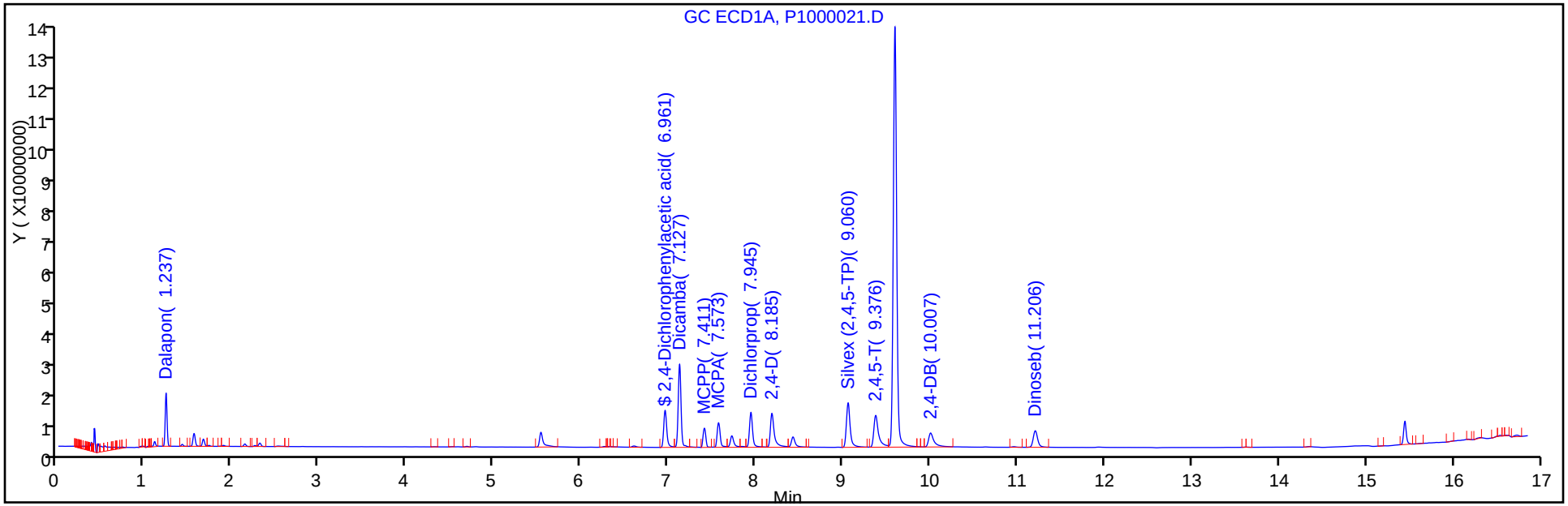
Report Date: 02-Jan-2013 09:45:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

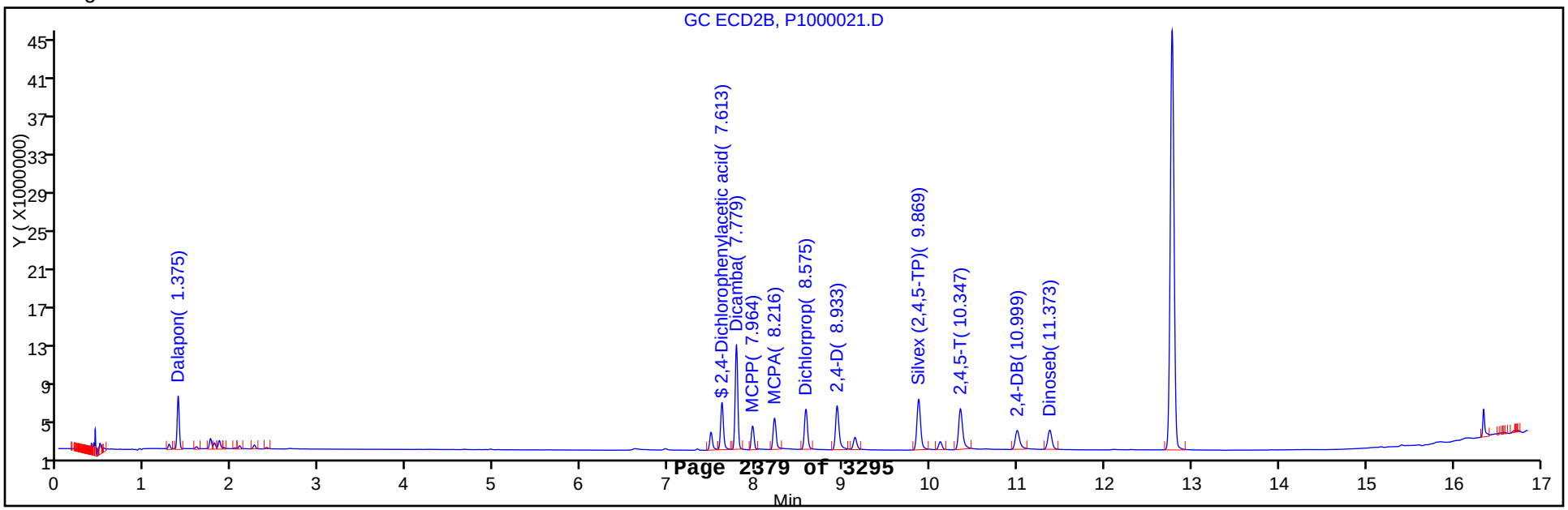
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Injection Date:	31-Dec-2012 21:09:45	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	21
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/21 Calibration Date: 12/31/2012 21:09

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	145285641	137912025			0.0400	-5.1	20.0
Dicamba	Ave	255708069	270422525			0.0400	5.8	20.0
MCPP	Qua		306498			8.00	14.0	20.0
MCPA	Lin1		404185			8.00	18.1	20.0
Dichlorprop	Ave	52718146	51887800			0.0800	-1.6	20.0
2,4-D	Ave	62005138	56904888		0.0734	0.0800	-8.2	20.0
Silvex (2,4,5-TP)	Ave	283903898	261949800		0.0185	0.0200	-7.7	20.0
2,4,5-T	Ave	242611790	210701500		0.0174	0.0200	-13.2	20.0
2,4-DB	Ave	26562352	24433263			0.0800	-8.0	20.0
Dinoseb	Ave	193371382	165484167			0.0120	-14.4	20.0
2,4-Dichlorophenylacetic acid	Ave	62078149	61025625		0.0786	0.0800	-1.7	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/21 Calibration Date: 12/31/2012 21:09

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000021.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.38	1.36	1.40
Dicamba	7.78	7.76	7.80
MCPP	7.96	7.94	7.98
MCPA	8.22	8.20	8.24
Dichlorprop	8.58	8.56	8.60
2,4-D	8.93	8.91	8.95
Silvex (2,4,5-TP)	9.87	9.85	9.89
2,4,5-T	10.35	10.33	10.37
2,4-DB	11.00	10.98	11.02
Dinoseb	11.37	11.34	11.40
2,4-Dichlorophenylacetic acid	7.61	7.59	7.63

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000021.D
Lims ID: CCV Client ID:
Inject. Date: 31-Dec-2012 21:09:45 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016320-021
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 21
Lims Batch ID: 70766 Lims Sample ID: 21
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 02-Jan-2013 09:45:11 Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.237	1.237	0.000	17066328	0.0373	
2	1.375	1.375	0.000	5516481	0.0380	
					RPD = 1.75	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.961	6.961	0.000	11925908	0.0800	
2	7.613	7.613	0.000	4882050	0.0786	
					RPD = 1.71	
6 Dicamba						
1	7.127	7.127	0.000	26763591	0.0433	
2	7.779	7.779	0.000	10816901	0.0423	
					RPD = 2.37	
10 MCPP						
1	7.411	7.411	0.000	6186599	9.61	
2	7.964	7.964	0.000	2451987	9.12	
					RPD = 5.21	
9 MCPA						
1	7.573	7.573	0.000	7901858	9.36	
2	8.216	8.216	0.000	3233482	9.45	
					RPD = 0.95	
7 Dichlorprop						
1	7.945	7.945	0.000	11259019	0.0813	
2	8.575	8.575	0.000	4151024	0.0787	
					RPD = 3.24	
2 2,4-D						
1	8.185	8.185	0.000	10936633	0.0727	
2	8.933	8.933	0.000	4552391	0.0734	
					RPD = 1.05	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.060	9.060	0.000	14337728	0.0188	
2	9.869	9.869	0.000	5238996	0.0185	
					RPD = 1.76	
1 2,4,5-T						
1	9.376	9.376	0.000	10236014	0.0167	
2	10.347	10.347	0.000	4214030	0.0174	
					RPD = 4.07	
3 2,4-DB						
1	10.007	10.007	0.000	4505638	0.0706	
2	10.999	10.999	0.000	1954661	0.0736	
					RPD = 4.18	
8 Dinoseb						
1	11.206	11.206	0.000	5321932	0.0105	
2	11.373	11.373	0.000	1985810	0.0103	
					RPD = 2.42	

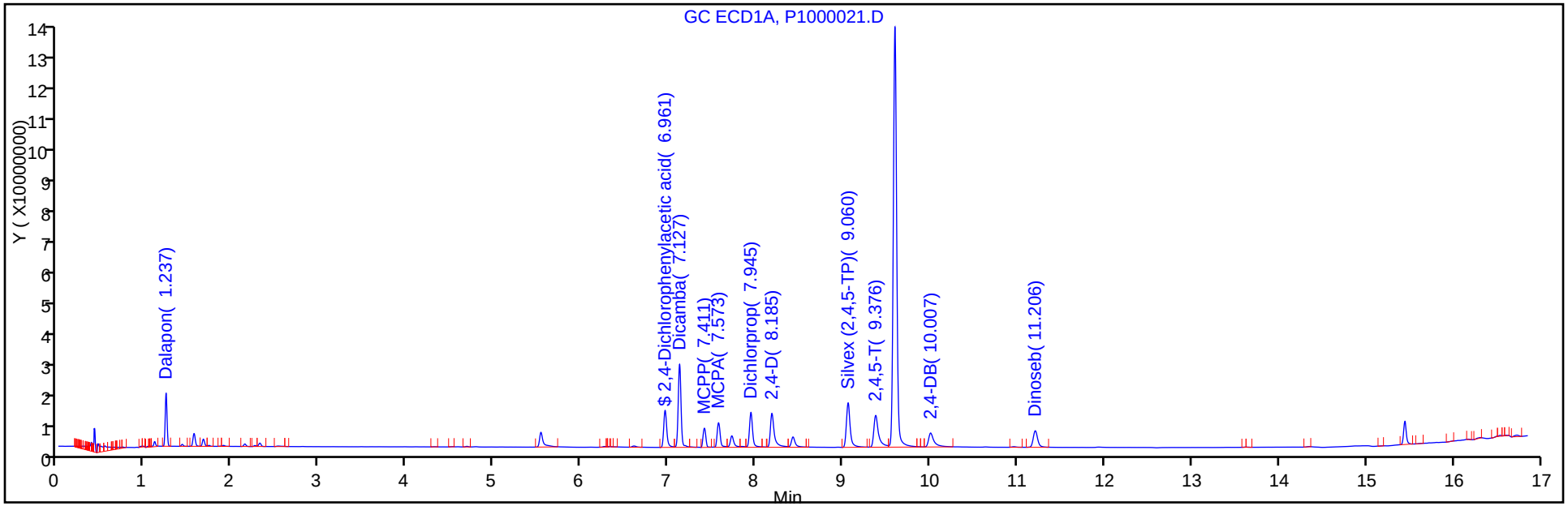
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TestAmerica Canton

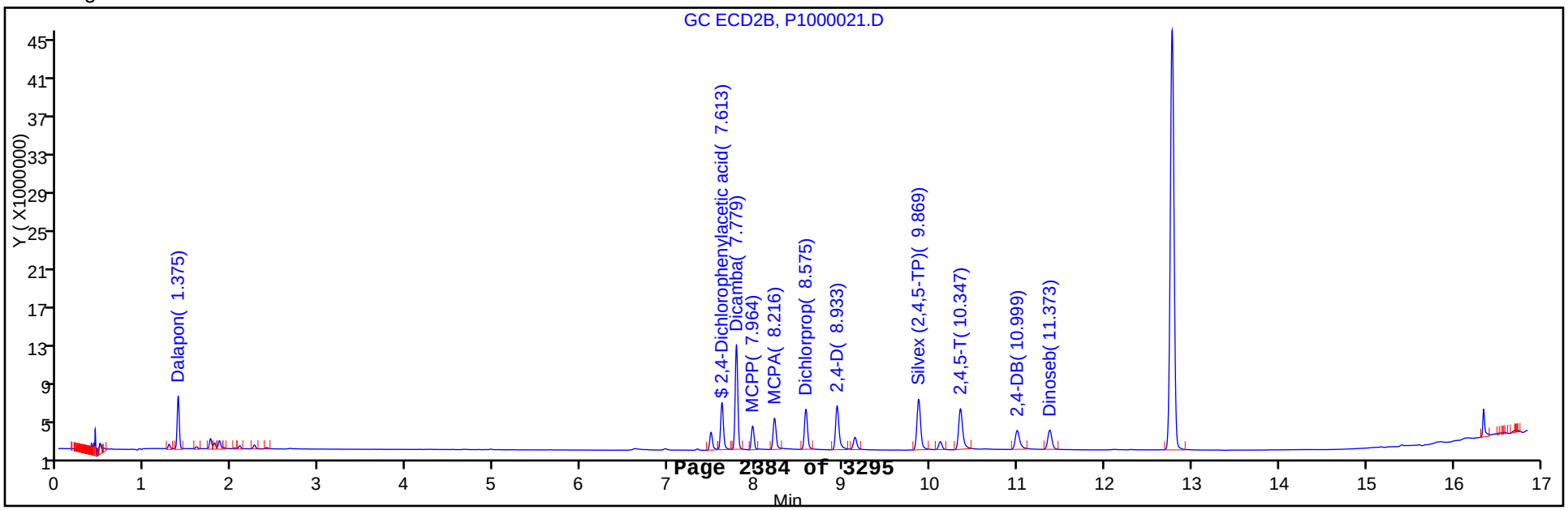
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Injection Date:	31-Dec-2012 21:09:45	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	21
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/22 Calibration Date: 12/31/2012 21:33

Instrument ID: A2HP1 Calib Start Date: 12/31/2012 14:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/31/2012 16:50

Lab File ID: P1000022.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Ave	1675476035	1973638500		0.0118	0.0100	17.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/22 Calibration Date: 12/31/2012 21:33

Instrument ID: A2HP1 Calib Start Date: 12/31/2012 14:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/31/2012 16:50

Lab File ID: P1000022.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	8.27	8.25	8.29

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000022.D		
Lims ID:	CCV PCP	Client ID:	
Inject. Date:	31-Dec-2012 21:33:23	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016320-022		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	70766	Lims Sample ID:	22
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:45:13	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.274	8.274	0.000	19736385	0.0118	
2	9.226	9.226	0.000	7705006	0.0109	
					RPD = 7.94	

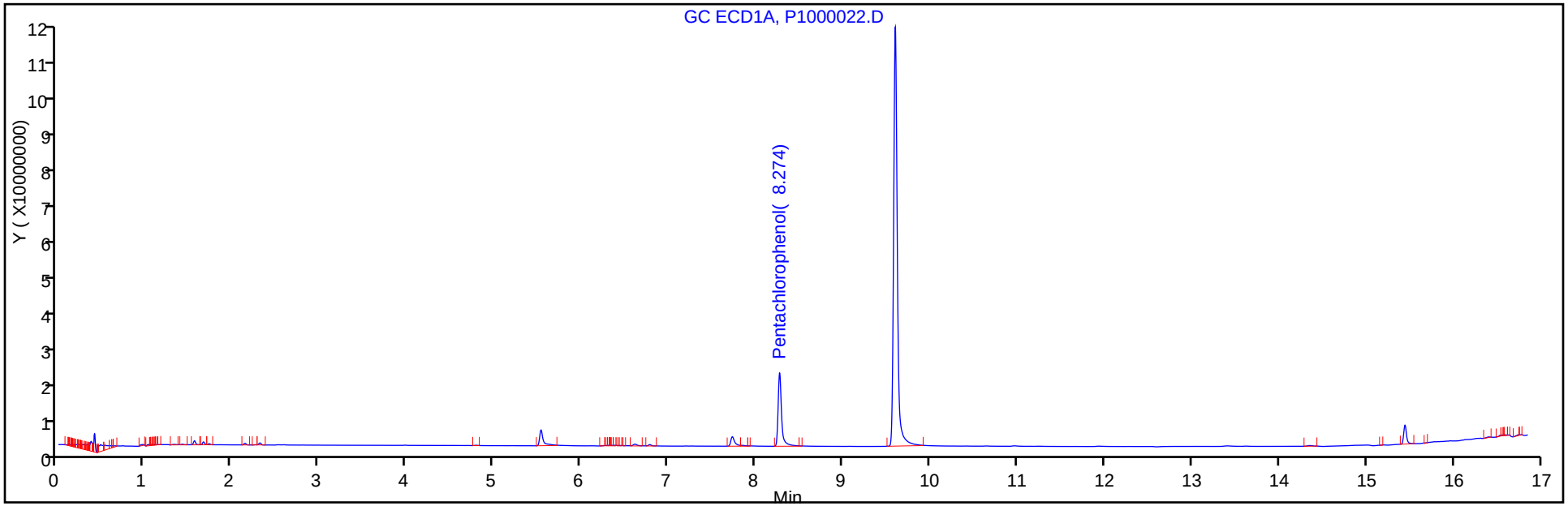
Report Date: 02-Jan-2013 09:45:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

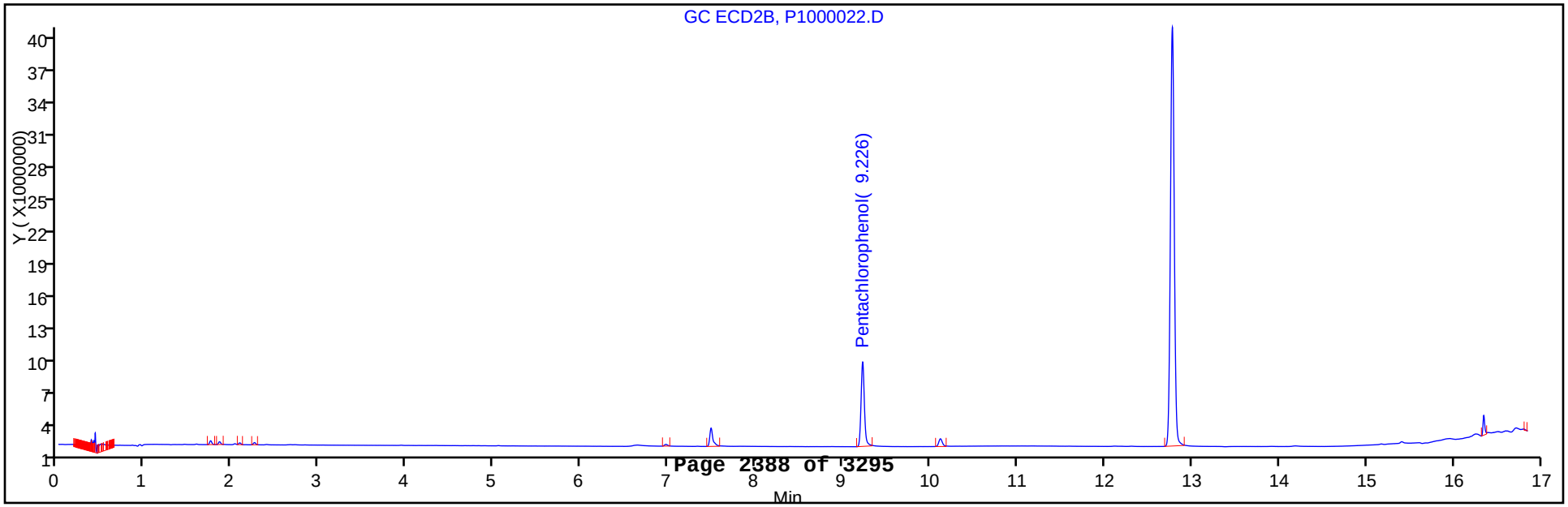
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000022.D

Injection Date:	31-Dec-2012 21:33:23	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	22
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/22 Calibration Date: 12/31/2012 21:33

Instrument ID: A2HP1 Calib Start Date: 12/31/2012 14:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/31/2012 16:50

Lab File ID: P1000022.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Ave	708195506	770500600		0.0109	0.0100	8.8	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/22 Calibration Date: 12/31/2012 21:33

Instrument ID: A2HP1 Calib Start Date: 12/31/2012 14:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/31/2012 16:50

Lab File ID: P1000022.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	9.23	9.21	9.25

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000022.D		
Lims ID:	CCV PCP	Client ID:	
Inject. Date:	31-Dec-2012 21:33:23	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016320-022		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	70766	Lims Sample ID:	22
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:45:13	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.274	8.274	0.000	19736385	0.0118	
2	9.226	9.226	0.000	7705006	0.0109	
					RPD = 7.94	

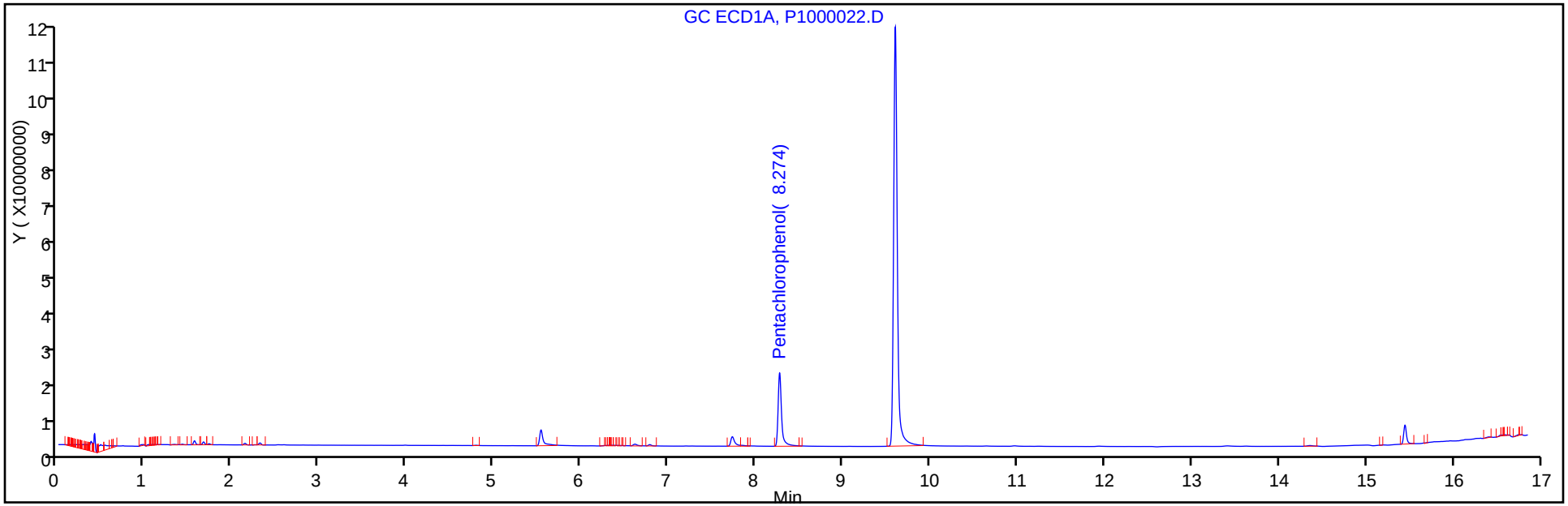
Report Date: 02-Jan-2013 09:45:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

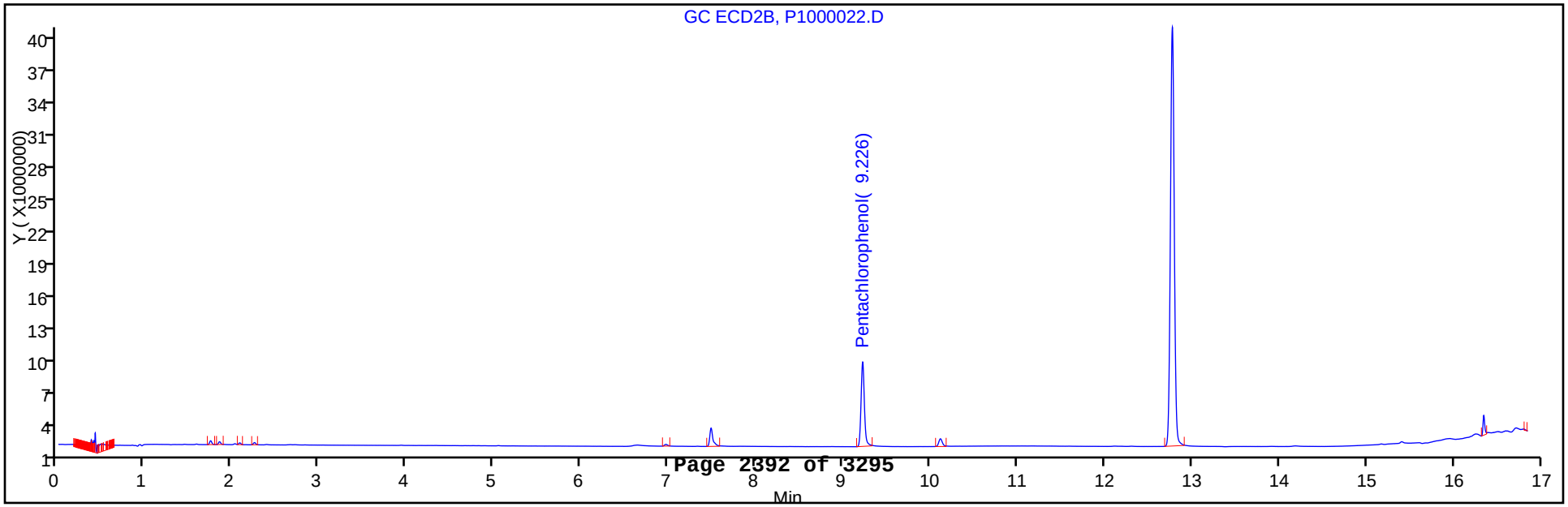
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000022.D

Injection Date:	31-Dec-2012 21:33:23	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	22
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/34 Calibration Date: 01/01/2013 02:14

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000034.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	457412034	430576100			0.0400	-5.9	20.0
Dicamba	Ave	617859973	705684150			0.0400	14.2	20.0
MCPP	Qua		796502			8.00	24.8*	20.0
MCPA	Qua		1006813			8.00	20.1*	20.0
Dichlorprop	Ave	138436820	148744875			0.0800	7.4	20.0
2,4-D	Ave	150538188	158357075		0.0842	0.0800	5.2	20.0
Silvex (2,4,5-TP)	Ave	763444311	812005550		0.0213	0.0200	6.4	20.0
2,4,5-T	Ave	613790425	628589800		0.0205	0.0200	2.4	20.0
2,4-DB	Ave	63842790	72012100			0.0800	12.8	20.0
Dinoseb	Ave	505863757	506018083			0.0120	0.0	20.0
2,4-Dichlorophenylacetic acid	Ave	149068897	160937775		0.0864	0.0800	8.0	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/34 Calibration Date: 01/01/2013 02:14

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000034.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.24	1.22	1.26
Dicamba	7.13	7.11	7.15
MCPP	7.42	7.40	7.44
MCPA	7.58	7.56	7.60
Dichlorprop	7.95	7.93	7.97
2,4-D	8.19	8.17	8.21
Silvex (2,4,5-TP)	9.06	9.04	9.08
2,4,5-T	9.38	9.36	9.40
2,4-DB	10.01	9.99	10.03
Dinoseb	11.21	11.18	11.24
2,4-Dichlorophenylacetic acid	6.96	6.94	6.98

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000034.D
Lims ID: CCV Client ID:
Inject. Date: 01-Jan-2013 02:14:52 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016320-034
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 34
Lims Batch ID: 70766 Lims Sample ID: 34
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 02-Jan-2013 09:45:25 Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.239	1.239	0.000	17223044	0.0377	
2	1.378	1.378	0.000	5545106	0.0382	
					RPD = 1.36	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.964	6.964	0.000	12875022	0.0864	
2	7.617	7.617	0.000	5317202	0.0857	
					RPD = 0.83	
6 Dicamba						
1	7.131	7.131	0.000	28227366	0.0457	
2	7.783	7.783	0.000	11641934	0.0455	
					RPD = 0.35	
10 MCPP						
1	7.416	7.416	0.000	6372019	9.98	
2	7.968	7.968	0.000	2562748	9.64	
					RPD = 3.50	
9 MCPA						
1	7.577	7.577	0.000	8054502	9.61	
2	8.219	8.219	0.000	3348619	9.89	
					RPD = 2.89	
7 Dichlorprop						
1	7.948	7.948	0.000	11899590	0.0860	
2	8.579	8.579	0.000	4531850	0.0860	
					RPD = 0.01	
2 2,4-D						
1	8.188	8.188	0.000	12668566	0.0842	
2	8.936	8.936	0.000	5107222	0.0824	
					RPD = 2.15	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.062	9.062	0.000	16240111	0.0213	
2	9.872	9.872	0.000	5916917	0.0208	
					RPD = 2.05	
1 2,4,5-T						
1	9.377	9.377	0.000	12571796	0.0205	
2	10.351	10.351	0.000	4999215	0.0206	
					RPD = 0.60	
3 2,4-DB						
1	10.007	10.007	0.000	5760968	0.0902	
2	11.001	11.001	0.000	2316926	0.0872	
					RPD = 3.39	
8 Dinoseb						
1	11.212	11.212	0.000	6072217	0.0120	
2	11.377	11.377	0.000	2292843	0.0119	
					RPD = 1.23	

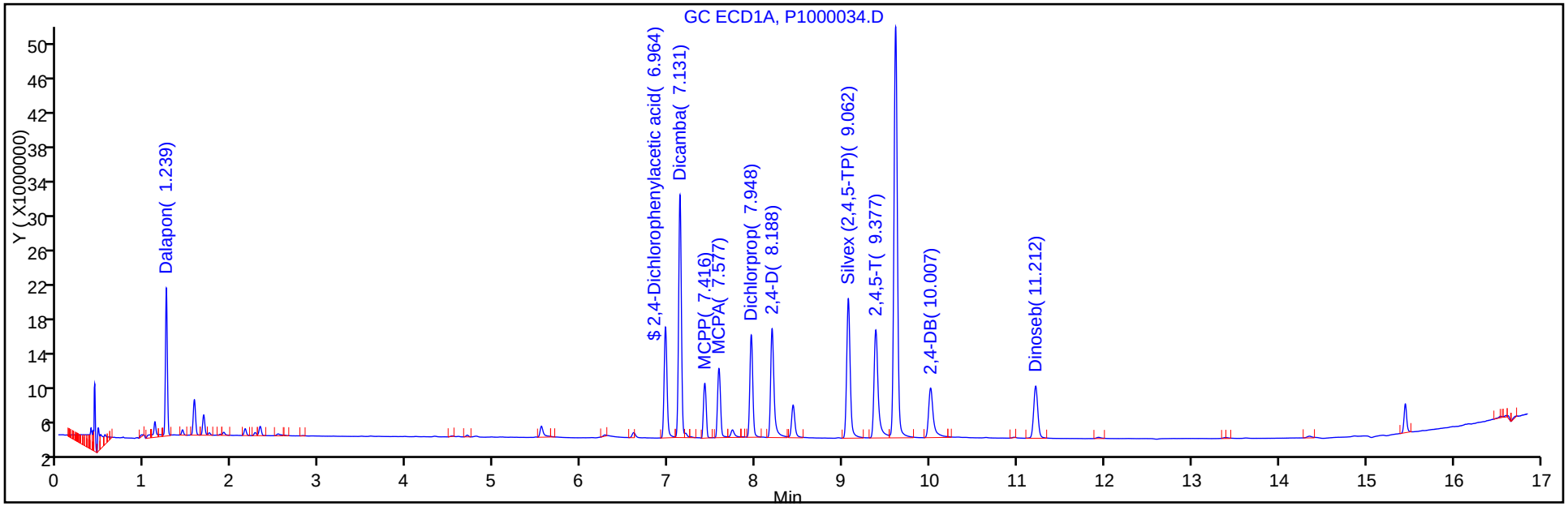
Report Date: 02-Jan-2013 09:45:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

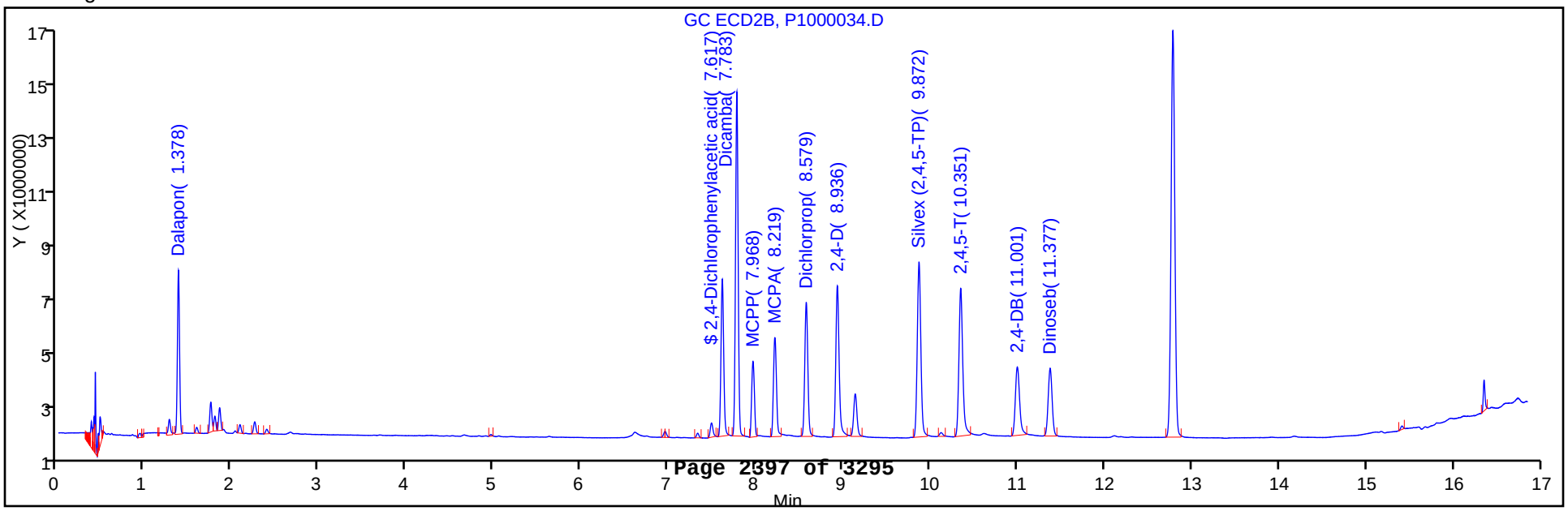
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000034.D

Injection Date:	01-Jan-2013 02:14:52	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	34
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/34 Calibration Date: 01/01/2013 02:14

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000034.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Ave	145285641	138627650			0.0400	-4.6	20.0
Dicamba	Ave	255708069	291048350			0.0400	13.8	20.0
MCPP	Qua		320344			8.00	20.5*	20.0
MCPA	Lin1		418577			8.00	23.7*	20.0
Dichlorprop	Ave	52718146	56648125			0.0800	7.5	20.0
2,4-D	Ave	62005138	63840275		0.0824	0.0800	3.0	20.0
Silvex (2,4,5-TP)	Ave	283903898	295845850		0.0208	0.0200	4.2	20.0
2,4,5-T	Ave	242611790	249960750		0.0206	0.0200	3.0	20.0
2,4-DB	Ave	26562352	28961575			0.0800	9.0	20.0
Dinoseb	Ave	193371382	191070250			0.0120	-1.2	20.0
2,4-Dichlorophenylacetic acid	Ave	62078149	66465025		0.0857	0.0800	7.1	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/34 Calibration Date: 01/01/2013 02:14

Instrument ID: A2HP1 Calib Start Date: 12/03/2012 17:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/03/2012 19:52

Lab File ID: P1000034.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	1.38	1.36	1.40
Dicamba	7.78	7.76	7.80
MCPP	7.97	7.95	7.99
MCPA	8.22	8.20	8.24
Dichlorprop	8.58	8.56	8.60
2,4-D	8.94	8.92	8.96
Silvex (2,4,5-TP)	9.87	9.85	9.89
2,4,5-T	10.35	10.33	10.37
2,4-DB	11.00	10.98	11.02
Dinoseb	11.38	11.35	11.41
2,4-Dichlorophenylacetic acid	7.62	7.60	7.64

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000034.D
Lims ID: CCV Client ID:
Inject. Date: 01-Jan-2013 02:14:52 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: 240-0016320-034
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 34
Lims Batch ID: 70766 Lims Sample ID: 34
Sublist: chrom-8151_1*sub2
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 02-Jan-2013 09:45:25 Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK005

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1	1.239	1.239	0.000	17223044	0.0377	
2	1.378	1.378	0.000	5545106	0.0382	
					RPD = 1.36	
$ 4 2,4-Dichlorophenylacetic acid						
1	6.964	6.964	0.000	12875022	0.0864	
2	7.617	7.617	0.000	5317202	0.0857	
					RPD = 0.83	
6 Dicamba						
1	7.131	7.131	0.000	28227366	0.0457	
2	7.783	7.783	0.000	11641934	0.0455	
					RPD = 0.35	
10 MCPP						
1	7.416	7.416	0.000	6372019	9.98	
2	7.968	7.968	0.000	2562748	9.64	
					RPD = 3.50	
9 MCPA						
1	7.577	7.577	0.000	8054502	9.61	
2	8.219	8.219	0.000	3348619	9.89	
					RPD = 2.89	
7 Dichlorprop						
1	7.948	7.948	0.000	11899590	0.0860	
2	8.579	8.579	0.000	4531850	0.0860	
					RPD = 0.01	
2 2,4-D						
1	8.188	8.188	0.000	12668566	0.0842	
2	8.936	8.936	0.000	5107222	0.0824	
					RPD = 2.15	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
12 Silvex (2,4,5-TP)						
1	9.062	9.062	0.000	16240111	0.0213	
2	9.872	9.872	0.000	5916917	0.0208	
					RPD = 2.05	
1 2,4,5-T						
1	9.377	9.377	0.000	12571796	0.0205	
2	10.351	10.351	0.000	4999215	0.0206	
					RPD = 0.60	
3 2,4-DB						
1	10.007	10.007	0.000	5760968	0.0902	
2	11.001	11.001	0.000	2316926	0.0872	
					RPD = 3.39	
8 Dinoseb						
1	11.212	11.212	0.000	6072217	0.0120	
2	11.377	11.377	0.000	2292843	0.0119	
					RPD = 1.23	

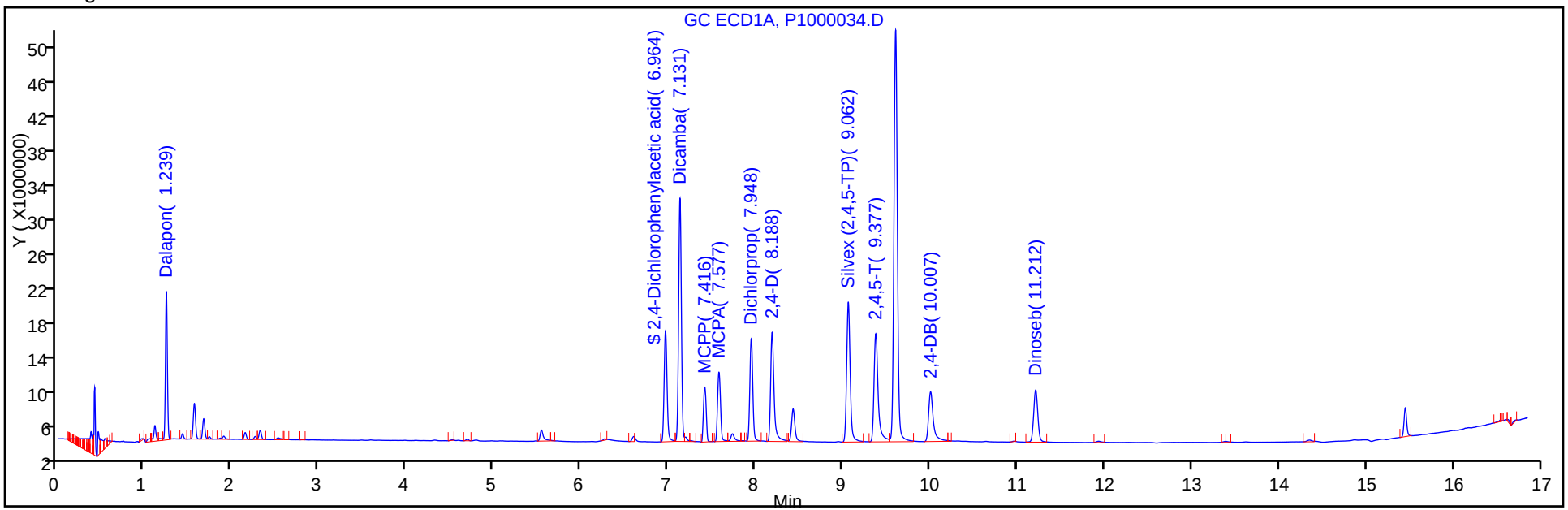
Report Date: 02-Jan-2013 09:45:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

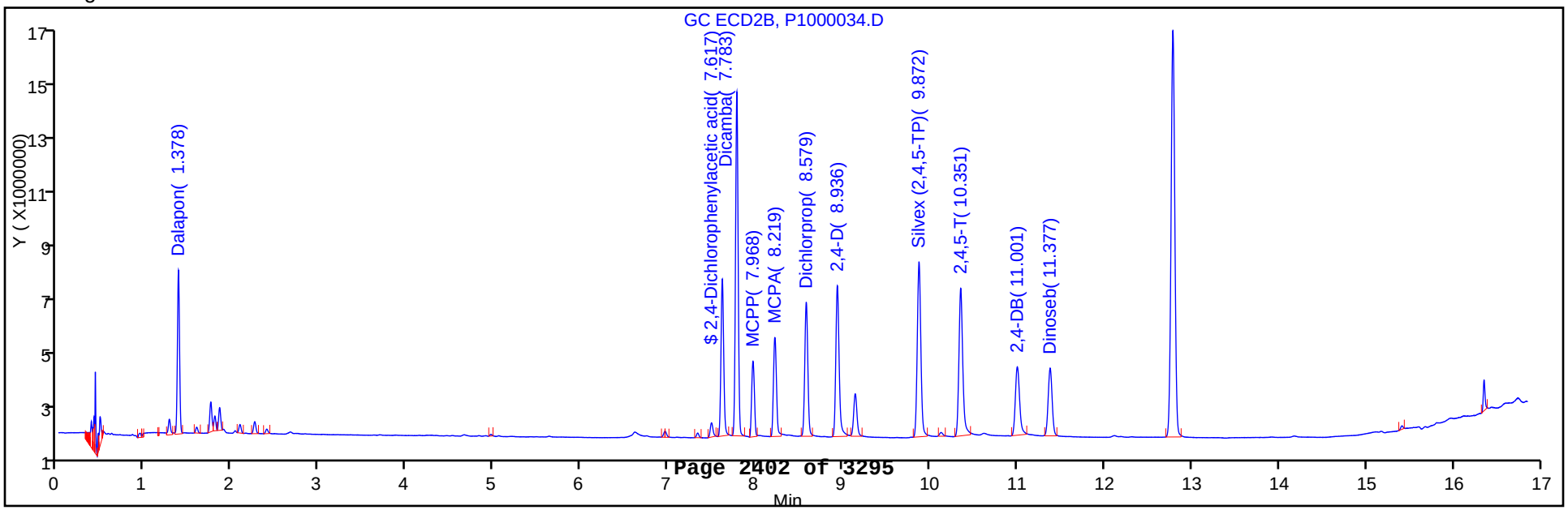
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000034.D

Injection Date:	01-Jan-2013 02:14:52	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	34
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/35 Calibration Date: 01/01/2013 02:38

Instrument ID: A2HP1 Calib Start Date: 12/31/2012 14:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/31/2012 16:50

Lab File ID: P1000035.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Ave	1675476035	2263902600		0.0135	0.0100	35.1*	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/35 Calibration Date: 01/01/2013 02:38

Instrument ID: A2HP1 Calib Start Date: 12/31/2012 14:53

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 12/31/2012 16:50

Lab File ID: P1000035.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	8.28	8.26	8.30

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000035.D		
Lims ID:	CCV PCP	Client ID:	
Inject. Date:	01-Jan-2013 02:38:13	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016320-035		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	35
Lims Batch ID:	70766	Lims Sample ID:	35
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:45:26	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.276	8.276	0.000	22639026	0.0135	
2	9.230	9.230	0.000	8243134	0.0116	
					RPD = 14.89	

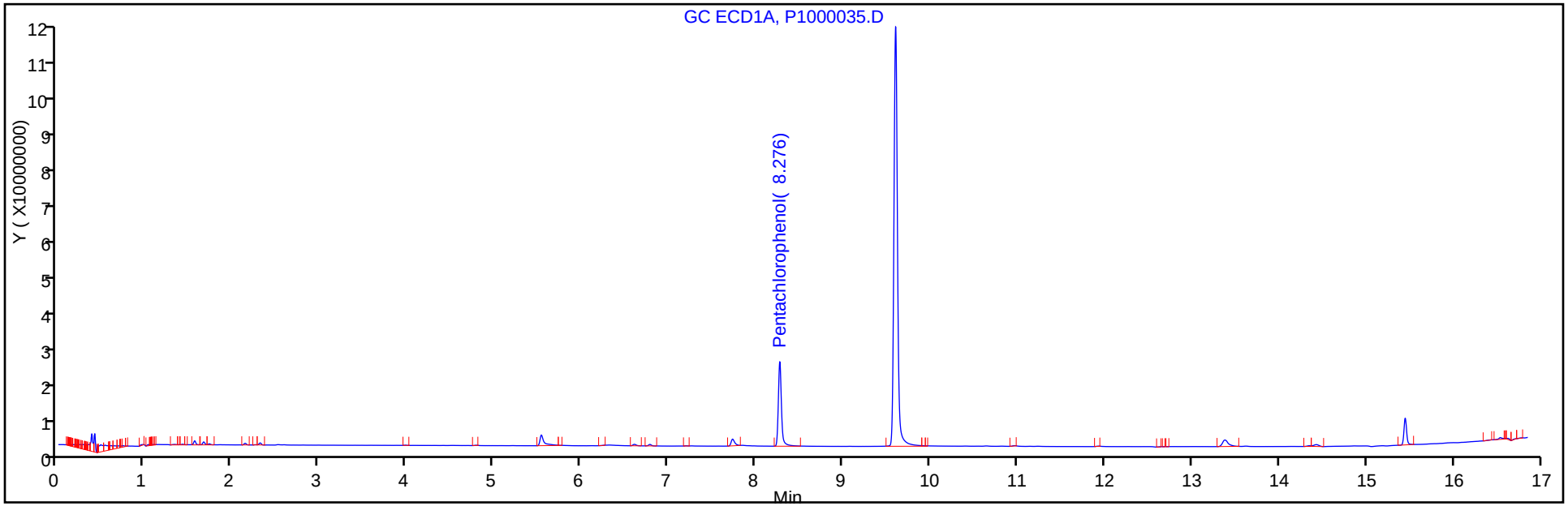
Report Date: 02-Jan-2013 09:45:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

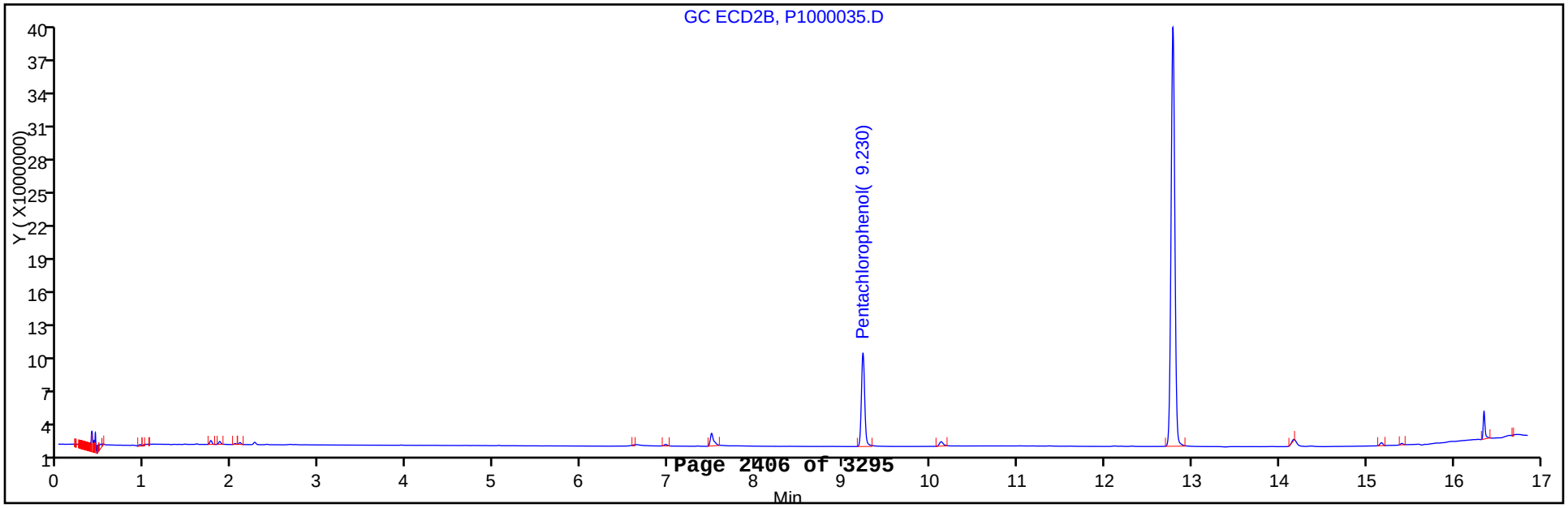
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000035.D

Injection Date:	01-Jan-2013 02:38:13	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	35
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/35 Calibration Date: 01/01/2013 02:38

Instrument ID: A2HP1 Calib Start Date: 12/31/2012 14:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/31/2012 16:50

Lab File ID: P1000035.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Ave	708195506	824313400		0.0116	0.0100	16.4	20.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Lab Sample ID: CCV 240-70766/35 Calibration Date: 01/01/2013 02:38

Instrument ID: A2HP1 Calib Start Date: 12/31/2012 14:53

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 12/31/2012 16:50

Lab File ID: P1000035.D

Analyte	RT	RT WINDOW	
		FROM	TO
Pentachlorophenol	9.23	9.21	9.25

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000035.D		
Lims ID:	CCV PCP	Client ID:	
Inject. Date:	01-Jan-2013 02:38:13	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0016320-035		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	35
Lims Batch ID:	70766	Lims Sample ID:	35
Sublist:	chrom-8151_1*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	02-Jan-2013 09:45:26	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK005		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
11 Pentachlorophenol						
1	8.276	8.276	0.000	22639026	0.0135	
2	9.230	9.230	0.000	8243134	0.0116	
					RPD = 14.89	

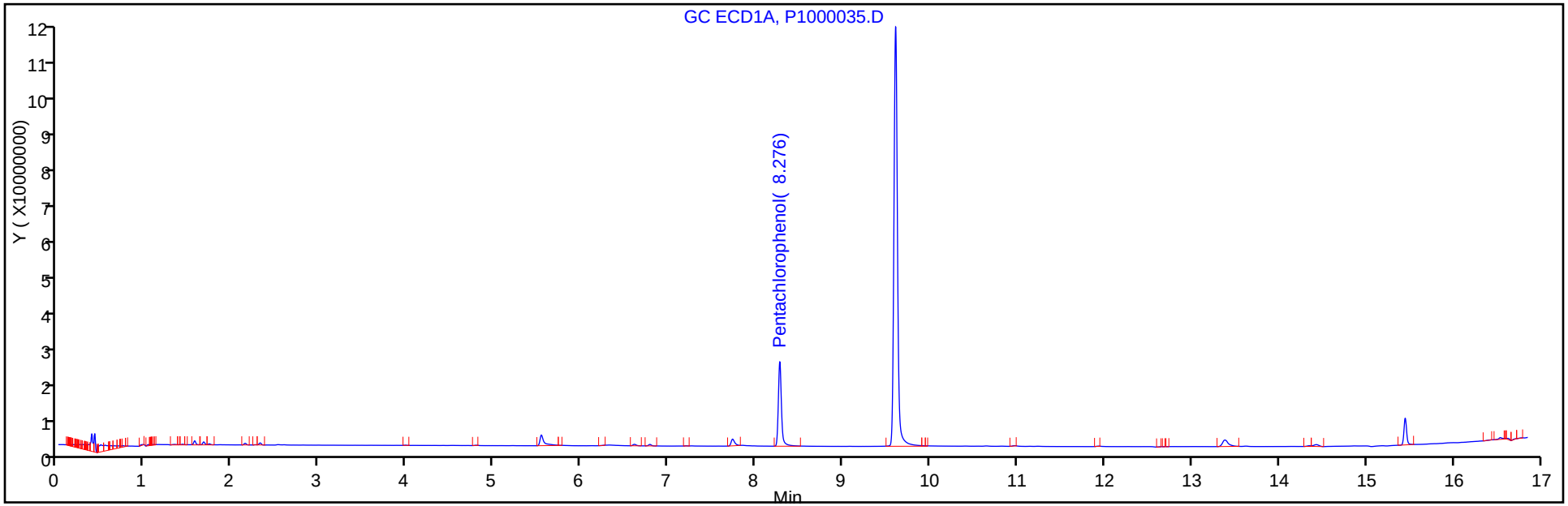
Report Date: 02-Jan-2013 09:45:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

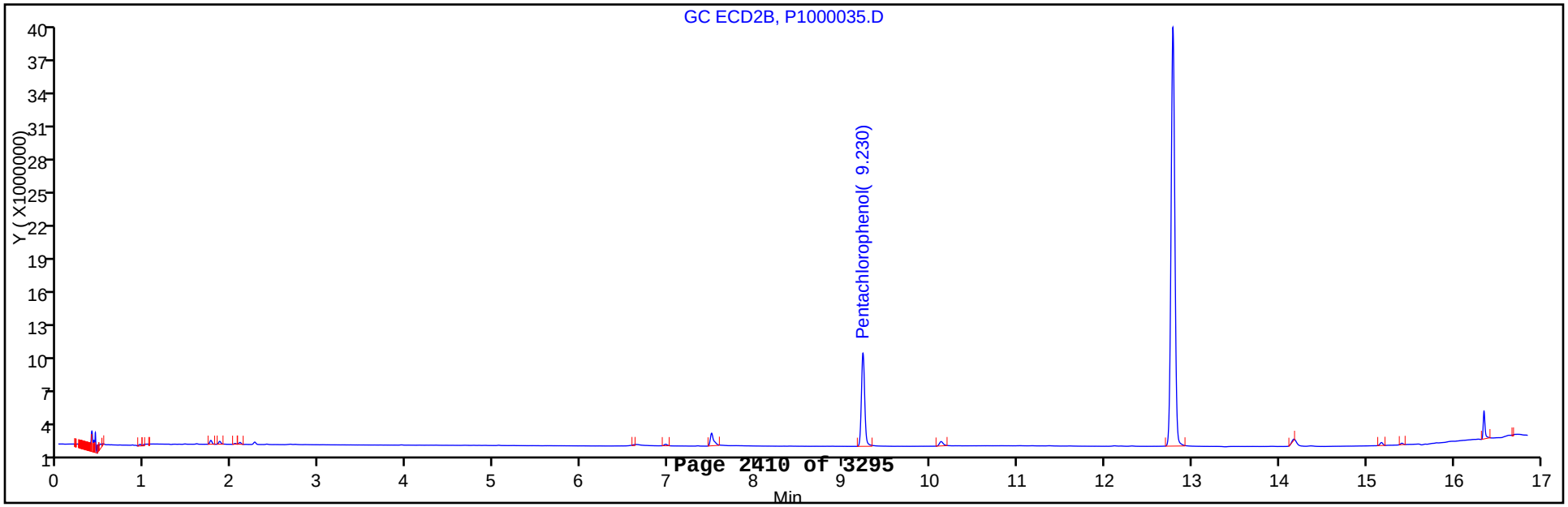
Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000035.D

Injection Date:	01-Jan-2013 02:38:13	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	35
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-69372/21-A

Matrix: Water | Lab File ID: P1000017.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: 8151A | Date Extracted: 12/19/2012 09:51

Sample wt/vol: 500(mL) | Date Analyzed: 12/24/2012 21:11

Con. Extract Vol.: 100(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 70037 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.50	U	4.0	0.50	0.41
75-99-0	Dalapon	0.20	U	2.0	0.20	0.17
94-82-6	2,4-DB	1.0	U	4.0	1.0	0.69
1918-00-9	Dicamba	1.0	U	2.0	1.0	0.52
120-36-5	Dichlorprop	1.0	U	4.0	1.0	0.86
88-85-7	Dinoseb	0.20	U	0.60	0.20	0.087
94-74-6	MCPA	400	U	400	400	390
93-65-2	MCPP	400	U	400	400	400
87-86-5	Pentachlorophenol	0.040	U	0.10	0.040	0.024
93-72-1	Silvex (2,4,5-TP)	0.20	U	1.0	0.20	0.20
93-76-5	2,4,5-T	0.50	U	1.0	0.50	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	74		32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000017.D		
Lims ID:	MB 240-69372/21-A	Client ID:	
Inject. Date:	24-Dec-2012 21:11:59	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0016161-017		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	70037	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m		
Last Update:	26-Dec-2012 12:33:13	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.238				
2		1.371				
$ 4 2,4-Dichlorophenylacetic acid						
1	6.973	6.967	0.006	22021499	0.1477	
2	7.608	7.608	0.000	10645713	0.1715	
					RPD = 14.89	
6 Dicamba						1
1		7.133				
2		7.774				
10 MCPP						1
1		7.418				
2		7.960				
9 MCPA						
1		7.580				
2		8.210				
7 Dichlorprop						
1		7.950				
2		8.570				
2 2,4-D						1
1		8.190				
2		8.926				
11 Pentachlorophenol						
1		8.278				
2		9.219				
12 Silvex (2,4,5-TP)						1
1		9.064				
2		9.860				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.380				
2		10.338				
3	2,4-DB					1
1		10.010				
2		10.988				
8	Dinoseb					1
1		11.216				
2		11.365				

QC Flag Legend

Processing Flags
1 - Missing Peaks

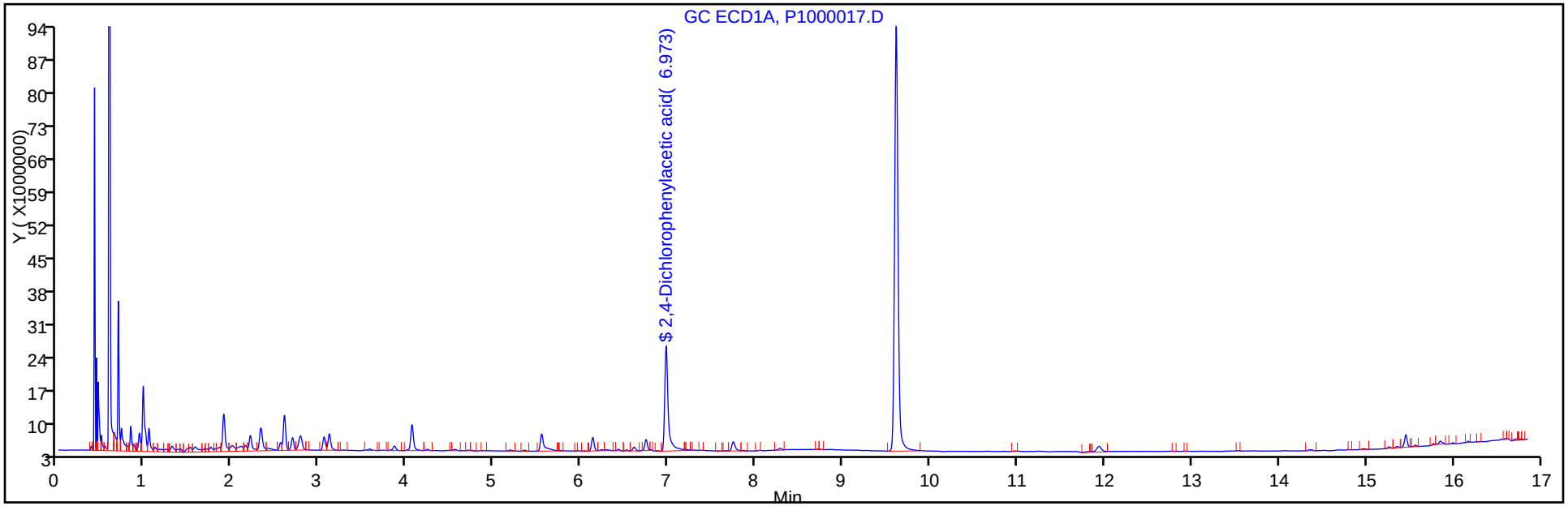
Report Date: 26-Dec-2012 12:33:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

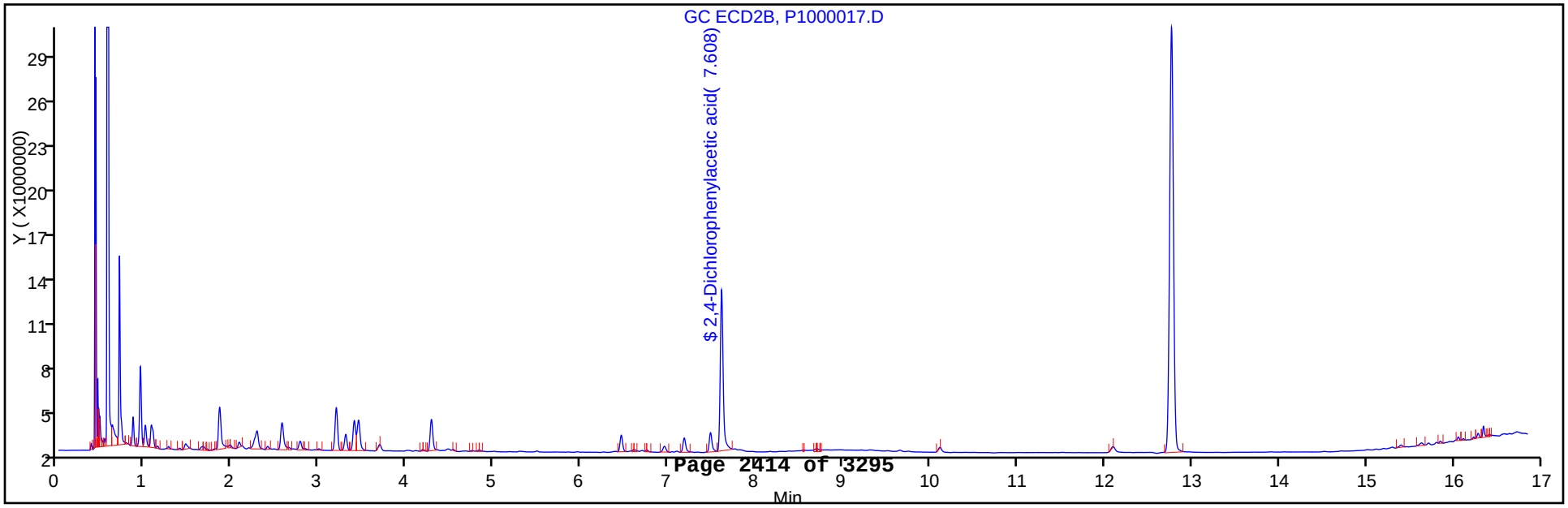
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Injection Date:	24-Dec-2012 21:11:59	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	17
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-69372/21-A

Matrix: Water Lab File ID: P1000017.D

Analysis Method: 8151/DOD Date Collected:

Extraction Method: 8151A Date Extracted: 12/19/2012 09:51

Sample wt/vol: 500(mL) Date Analyzed: 12/24/2012 21:11

Con. Extract Vol.: 100(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 70037 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	86		32-112

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\P1000017.D		
Lims ID:	MB 240-69372/21-A	Client ID:	
Inject. Date:	24-Dec-2012 21:11:59	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0016161-017		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	70037	Lims Sample ID:	17
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121224-16161.b\8151_1.m		
Last Update:	26-Dec-2012 12:33:13	Calib Date:	03-Dec-2012 19:52:08
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121203-15481.b\P1000011.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK028		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.238				
2		1.371				
$ 4 2,4-Dichlorophenylacetic acid						
1	6.973	6.967	0.006	22021499	0.1477	
2	7.608	7.608	0.000	10645713	0.1715	
					RPD = 14.89	
6 Dicamba						1
1		7.133				
2		7.774				
10 MCPP						1
1		7.418				
2		7.960				
9 MCPA						
1		7.580				
2		8.210				
7 Dichlorprop						
1		7.950				
2		8.570				
2 2,4-D						1
1		8.190				
2		8.926				
11 Pentachlorophenol						
1		8.278				
2		9.219				
12 Silvex (2,4,5-TP)						1
1		9.064				
2		9.860				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.380				
2		10.338				
3	2,4-DB					1
1		10.010				
2		10.988				
8	Dinoseb					1
1		11.216				
2		11.365				

QC Flag Legend

Processing Flags
1 - Missing Peaks

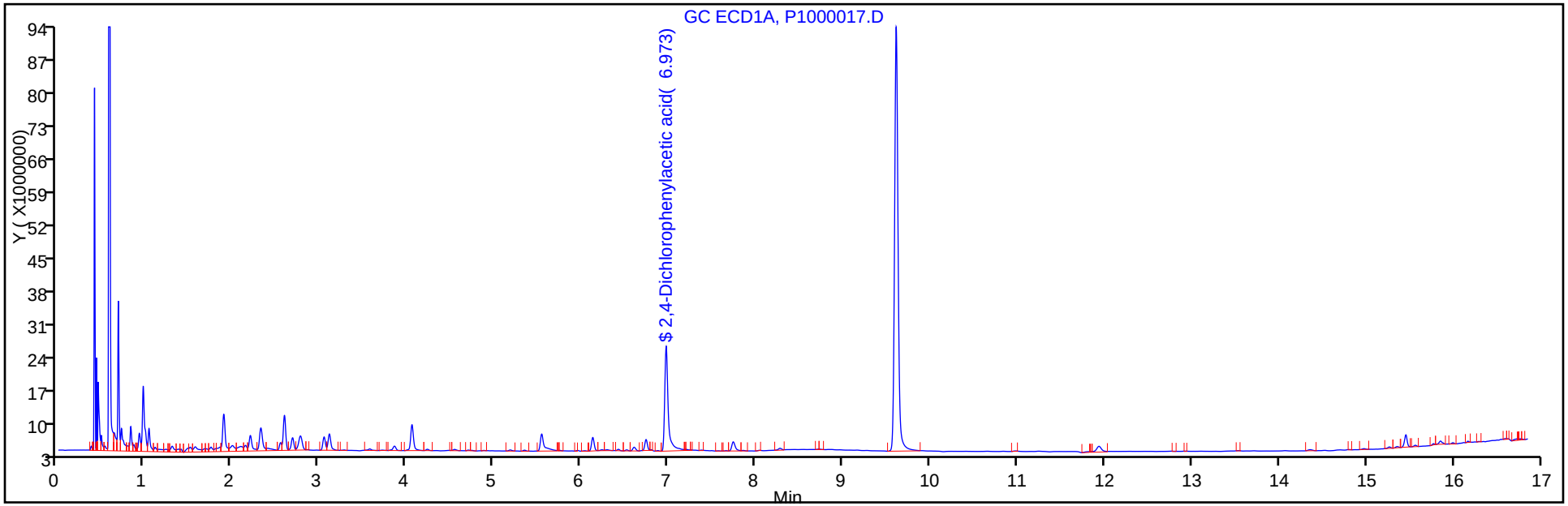
Report Date: 26-Dec-2012 12:33:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

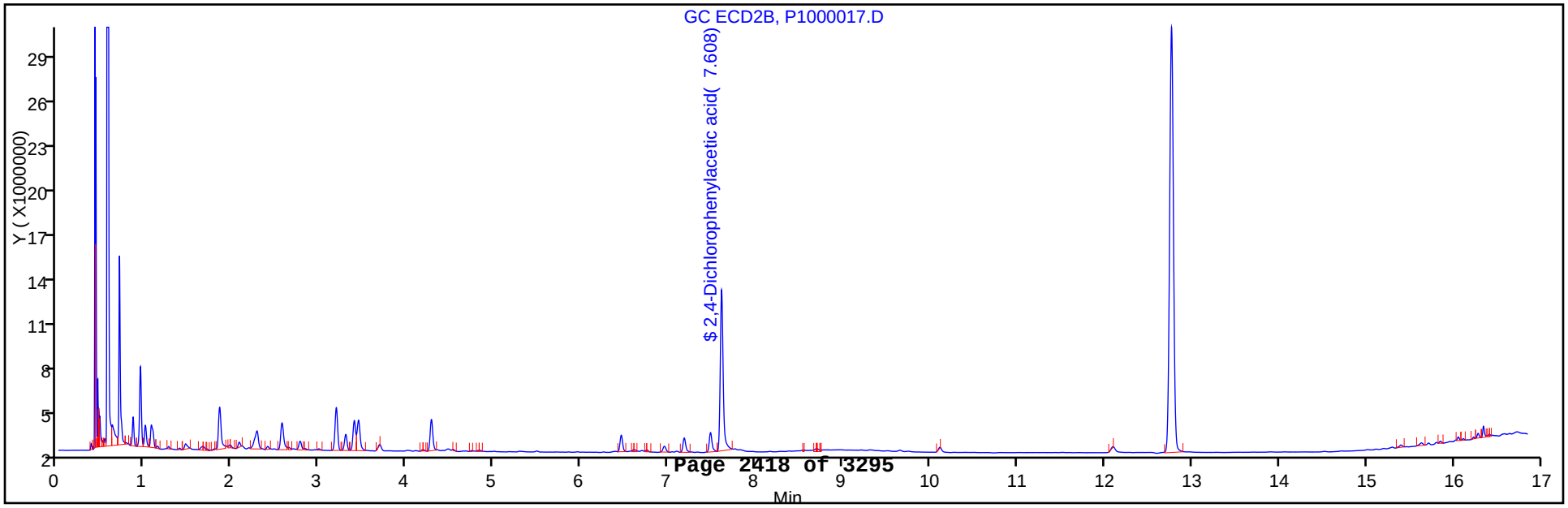
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Injection Date:	24-Dec-2012 21:11:59	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70037	Lims Sample ID:	17
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-18735-2

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-70010/4-A

Matrix: Solid Lab File ID: P1000032.D

Analysis Method: 8151/DOD Date Collected:

Extraction Method: 8151A Date Extracted: 12/24/2012 10:38

Sample wt/vol: 100(mL) Date Analyzed: 01/01/2013 01:27

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.: 70766 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	79		37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000032.D
Lims ID: MB 240-70010/4-A Client ID:
Inject. Date: 01-Jan-2013 01:27:56 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0016320-032
Misc. Info.:
Operator: 001754 Instrument ID: A2HP1
Injection Vol: 1.0 ul ALS Bottle#: 32
Lims Batch ID: 70766 Lims Sample ID: 32
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m
Last Update: 07-Jan-2013 13:46:48 Calib Date: 31-Dec-2012 16:50:57
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D
Limit Group: GC 8151 DOD
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK030

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.237				
2		1.375				
$ 4 2,4-Dichlorophenylacetic acid						
1	6.964	6.961	0.003	23589984	0.1582	
2	7.614	7.613	0.001	10733137	0.1729	
					RPD = 8.85	
6 Dicamba						
1		7.127				
2		7.779				
10 MCPP						1
1		7.411				
2		7.964				
9 MCPA						
1		7.573				
2		8.216				
7 Dichlorprop						1
1		7.945				
2		8.575				
2 2,4-D						
1		8.185				
2		8.933				
11 Pentachlorophenol						
1		8.274				
2		9.226				
12 Silvex (2,4,5-TP)						1
1		9.060				
2		9.869				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.376				
2		10.347				
3	2,4-DB					
1		10.007				
2		10.999				
8	Dinoseb					1
1		11.206				
2		11.373				

QC Flag Legend

Processing Flags
1 - Missing Peaks

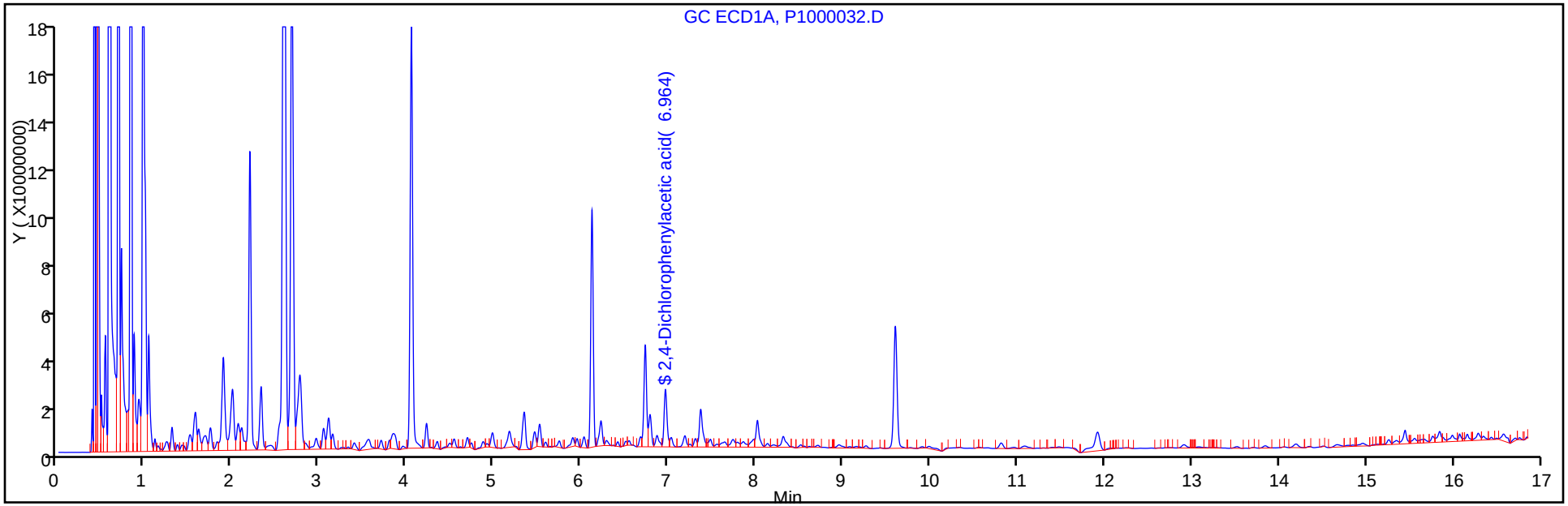
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TestAmerica Canton

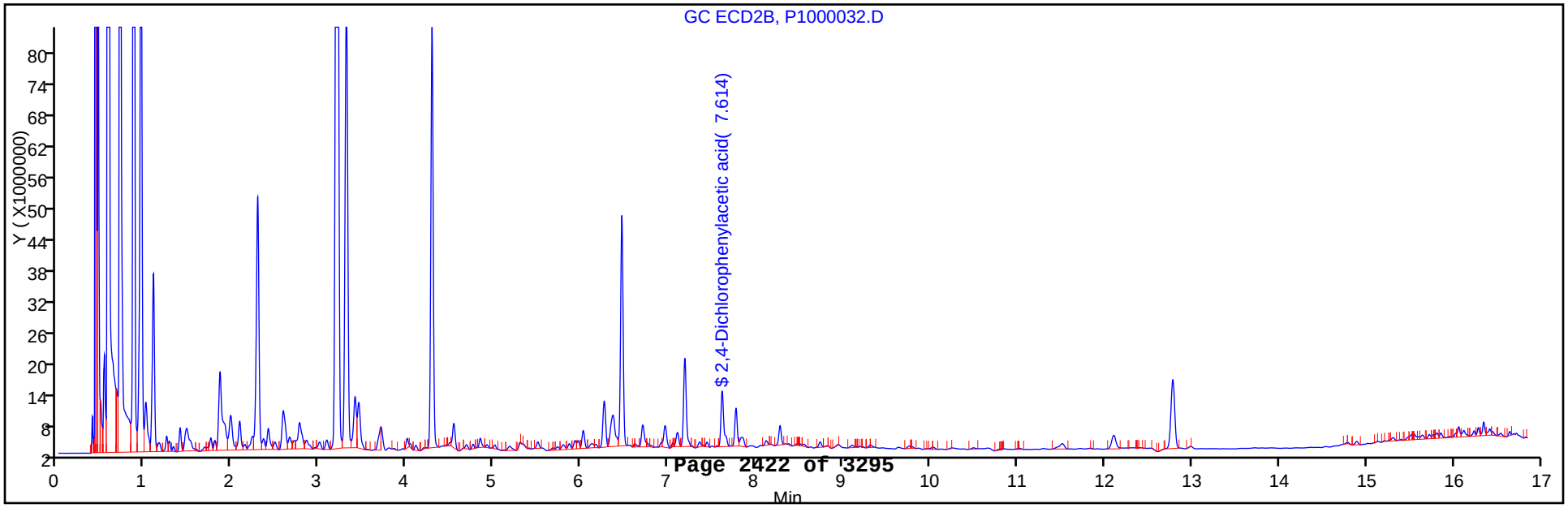
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Injection Date:	01-Jan-2013 01:27:56	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	32
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-18735-2

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-70010/4-A

Matrix: Solid | Lab File ID: P1000032.D

Analysis Method: 8151/DOD | Date Collected:

Extraction Method: 8151A | Date Extracted: 12/24/2012 10:38

Sample wt/vol: 100(mL) | Date Analyzed: 01/01/2013 01:27

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.: 70766 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
94-75-7	2,4-D	0.00025	U	0.25	0.00025	0.00021
93-72-1	Silvex (2,4,5-TP)	0.00010	U	0.050	0.00010	0.00010

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	86		37-116

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000032.D		
Lims ID:	MB 240-70010/4-A	Client ID:	
Inject. Date:	01-Jan-2013 01:27:56	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0016320-032		
Misc. Info.:			
Operator:	001754	Instrument ID:	A2HP1
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	70766	Lims Sample ID:	32
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\8151_1.m		
Last Update:	07-Jan-2013 13:46:48	Calib Date:	31-Dec-2012 16:50:57
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000010.D		
Limit Group:	GC 8151 DOD		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK030		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
5 Dalapon						
1		1.237				
2		1.375				
$ 4 2,4-Dichlorophenylacetic acid						
1	6.964	6.961	0.003	23589984	0.1582	
2	7.614	7.613	0.001	10733137	0.1729	
					RPD = 8.85	
6 Dicamba						
1		7.127				
2		7.779				
10 MCPP						1
1		7.411				
2		7.964				
9 MCPA						
1		7.573				
2		8.216				
7 Dichlorprop						1
1		7.945				
2		8.575				
2 2,4-D						
1		8.185				
2		8.933				
11 Pentachlorophenol						
1		8.274				
2		9.226				
12 Silvex (2,4,5-TP)						1
1		9.060				
2		9.869				

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Flags
1	2,4,5-T					1
1		9.376				
2		10.347				
3	2,4-DB					
1		10.007				
2		10.999				
8	Dinoseb					1
1		11.206				
2		11.373				

QC Flag Legend

Processing Flags
1 - Missing Peaks

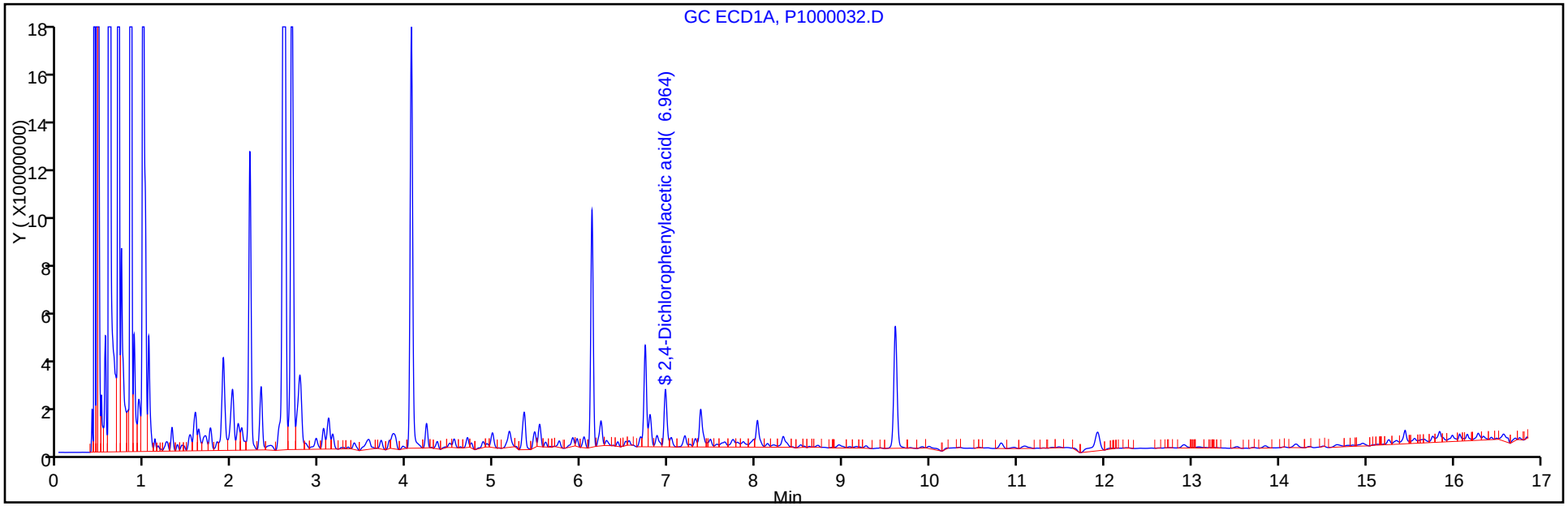
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TestAmerica Canton

Data File: \\NCChrom\ChromData\A2HP1\20121231-16320.b\P1000032.D

Injection Date:	01-Jan-2013 01:27:56	Limit Group:	GC 8151 DOD
Client ID:		Instrument ID:	A2HP1
Lims Batch ID:	70766	Lims Sample ID:	32
Operator ID:	001754	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

