3855 NORTH OCOEE STREET SUITE 200, CLEVELAND, TN 37312
OFFICE: (423) 336-4000 FAX: (423) 336-4166

April 30, 2009

Mr. Gregory Sutton
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203

Re: Olin Corp. Industrial Welding Site semiannual report
Site Code #932050
Order on Consent #B9-0016-90-09

Dear Mr. Sutton:

This is the 17th semiannual report for Olin's Industrial Welding Site in Niagara Falls, NY. This report covers the time frame of site activities from October 1, 2008 through March 31, 2009. The report is submitted as letter report with electronic attachments on the enclosed CD. An electronic copy of the report is also on the enclosed CD.

Leachate Collection and Recovery System (LCRS) discharge: LCRS discharge is documented in monthly flow sheets. Flow sheets for the six months covered by this report are included in ***Attachment 1***.

Monitoring: The semiannual sampling and inspections were completed in September, 2008. A summary table of the September data is included in ***Attachment 2.*** The site measurements and inspection documentation is included in ***Attachment 3.*** A site map is attached as ***Figure 1***.

Site Issues: Routine operation, maintenance, and monitoring are being conducted for the original clay capped area, for the asphalt capped former Legion property and for the asphalt capped OU3, formerly referred to as the Packard Road Parcel.

Data Documentation: Laboratory and data validation reports from the semiannual sampling are included electronically in ***Attachment 4.*** A scanned copy of the February, 2009 Discharge Monitoring Report is also included in ***Attachment 4.***

Please direct any questions or comments to me at 423/336-4587.

Sincerely,

Michael J. Bellotti
Olin Corporation

cc:
Matt Forcucci: NYSDOH
Michael Walker: Sevenson Environmental Services, Niagara Falls, NY

3855 NORTH OCOEE STREET SUITE 200, CLEVELAND, TN 37312
OFFICE: (423) 336-4000 FAX: (423) 336-4166

February 12, 2008

Mr. Albert C. Zaepfel
Industrial Monitoring Coordinator
City of Niagara Falls
Department of Wastewater Facilities
Enforcement Division
1200 Buffalo Avenue
PO Box 69
Niagara Falls, NY 14302-0069

Re: Olin Industrial Welding Site
Niagara Falls, New York
Wastewater Discharge Permit No. ICU-23
Periodic Self-Monitoring Report

Dear Mr. Zaepfel:

Olin hereby submits the annual Periodic Self-Monitoring Report to comply with the reporting requirements of the Wastewater Discharge Permit for the Olin Industrial Welding Site. The site is in compliance for all monitored parameters.

Discharge during this monitoring period (January-2008 through December-2008) totaled 136,427 gallons. Daily flow documentation is included in Attachment 1. The annual monitoring samples were taken on November 5, 2008. The laboratory analytical report for compliance monitoring is included on CD, along with a printed summary sheet, in Attachment 2. The analytical results and loading data are tabulated in Part I of the report.

Please direct any questions or comments to me at 423/336-4587.

Sincerely,

Michael J. Bellotti
Olin Corporation

Attachments

cc:
Jeff Konsella: NYSDEC: Buffalo, NY

PERIODIC SELF MONITORING REPORT
INDUSTRIAL COMMERCIAL USER

PART II of the report is the Compliance Monitoring section. The user is obligated to determine if the analysis results indicate compliance or noncompliance. All violations noted should be brought to the City's attention immediately upon noting and should also be reported in this section. The analysis result should be compared against all applicable federal, state and local standards and limitations. If no violations are noted then "NO VIOLATIONS" should appear on the report.

Pursuant to 40 CFR Part 403.12 g of the federal standards, all violations noted must be followed up by a sample recollect/analysis and the results submitted to the City within thirty (30) days of first becoming aware of the violation.

Pursuant to 40 CFR Part 403.12 g, all Periodic Self Monitoring Reports must be signed by a 'responsible company official' certifying the following statement:

> **I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.**

Signed: Michael J. Bellotti **DATE:** 2/10/09

PART 1
ANALYTICAL RESULTS

ICU PERMIT NAME Olin Corporation - Industrial Welding Site

ICU PERMIT NUMBER ICU - 23

SAMPLE LOCATION MS#1

DATE SAMPLED 11/5/2008

ANALYSIS DATES 11/7-12/1-08 analyses

ANALYTICAL LABORATORY:
Testamerica
Formerly Severn Trent

Parameter	Method		Results mg/l		Results lb/day	Discharge Limitations Annual Avg. mg/l	Discharge Limitations Daily Max lb/day
Total Suspended Solids	EPA 160.2		**160.0**		**0.499**		**15**
Soluble Organic Carbon	EPA 415.1		**4.8**		**0.015**		**10**
Acetone	EPA 624	<	0.011	<	0.000034		**0.01**
Dichloroethanes	EPA 624	<	0.005	<	0.000016		**0.01**
Trichloroethylenes	EPA 624	<	0.0015	<	0.000005		**0.01**
BHC's total	EPA 608		**0.000132**		**0.0000004**		**0.01**
Mercury	EPA 245.1		**0.0037**		**0.0000115**		**0.08**
					Flow	**Flow**	**Flow**
24 Hr. Flow (gal/day)	avg daily flow for sampling year				374	0.005	0.008
24 Hr. Flow (Mgal/day)	avg daily flow for sampling year				**0.000374**		

Note:
Results (lb/day) = Results (mg/l) X Flow (Gal/Day) X .00000834
Flows calculated based on avg daily flow for year rather than for sampling month, due to flow variability and sampling month dry weather conditions

PART II
COMPLIANCE MONITORING

INDUSTRY NAME Olin Corporation - Industrial Welding Site

PERMIT NO. ICU - 23

			SAMPLE			TYPE **
VIOLATION		FLOW	POINT	ACTUAL *	PERMIT	LIMIT
PARAMETER	DATE	(MGD)	LOCATION	DISCHARGE	LIMIT	VIOLATED
through	**Dec. 1999**	**NO VIOLATIONS**				
through	**Dec. 2000**	**NO VIOLATIONS**				
through	**Dec. 2001**	**NO VIOLATIONS**				
through	**Dec. 2002**	**NO VIOLATIONS**				
through	**Dec. 2003**	**NO VIOLATIONS**				
through	**Dec. 2004**	**NO VIOLATIONS**				
through	**Dec. 2005**	**NO VIOLATIONS**				
through	**Dec. 2006**	**NO VIOLATIONS**				
through	**Dec. 2007**	**NO VIOLATIONS**				
through	**Dec. 2008**	**NO VIOLATIONS**				

NOTE:

* - Actual Discharge - List actual analytical results and appropriate units
** - Type Limit violated
A.A. = Annual Average
D.M = Daily Maximum
L.L. Local Limits (Ordinance 250.5.1)

Attachment 1

Industrial Welding Site - Discharge Flows: 2008

Month	Monthly Flow (gal)	gal/day
Jan	13,375	431
Feb	28,378	979
Mar	48,026	1,549
Apr	17,171	572
May	823	27
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	0	0
Nov	6	0
Dec	28,648	924
Total	**136,427**	
MONTHLY AVERAGE	11,369	
daily average	374	
daily avg Mgal	0.000374	

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
January 2008

Previous Integrator reading	12054

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Jan	12054	0	0	0	
2-Jan	13027	973	973	0.000973	
3-Jan	14004	977	977	0.000977	
4-Jan	14004	0	0	0	
5-Jan	14870	866	866	0.000866	
6-Jan	14870	0	0	0	
7-Jan	14870	0	0	0	
8-Jan	15741	871	871	0.000871	meter reset due to power outage.
	0				
9-Jan	1026	1026	1026	0.001026	
10-Jan	1975	949	949	0.000949	
11-Jan	2820	845	845	0.000845	
12-Jan	2992	172	172	0.000172	
13-Jan	3942	950	950	0.00095	
14-Jan	4876	934	934	0.000934	
15-Jan	5770	894	894	0.000894	
16-Jan	5770	0	0	0	
17-Jan	6640	870	870	0.00087	
18-Jan	6640	0	0	0	
19-Jan	6640	0	0	0	
20-Jan	6640	0	0	0	
21-Jan	6641	1	1	0.000001	
22-Jan	7561	0	0	0	
23-Jan	7561	2063	2063	0.002063	
24-Jan	7561	0	0	0	
25-Jan	7561	0	0	0	
26-Jan	7561	0	0	0	
27-Jan	7561	0	0	0	
28-Jan	7561	0	0	0	
29-Jan	8545	984	984	0.000984	
30-Jan	8545	0	0	0	
31-Jan	8545	0	0	0	
Totals		13375	13,375	0.013375	

TOTAL NO. OF DISCHARGE DAYS = **14**
AVERAGE MONTHLY FLOW (GPD) = **955.36**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
February 2008

Previous Integrator reading	8545

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Feb	8545	0	0	0	
2-Feb	8545	0	0	0	
3-Feb	8545	0	0	0	
4-Feb	8545	0	0	0	
5-Feb	11135	2590	2590	0.00259	
6-Feb	14882	3747	3747	0.003747	
7-Feb	18140	3258	3258	0.003258	
8-Feb	20285	2145	2145	0.002145	
9-Feb	22032	1747	1747	0.001747	
10-Feb	23069	1037	1037	0.001037	
11-Feb	23070	1	1	0.000001	
12-Feb	24688	1618	1618	0.001618	
13-Feb	24696	8	8	0.000008	
14-Feb	25627	931	931	0.000931	
15-Feb	25627	0	0	0	
16-Feb	26515	888	888	0.000888	
17-Feb	26614	99	99	0.000099	
18-Feb	29844	3230	3230	0.00323	
19-Feb	31149	1305	1305	0.001305	
20-Feb	32434	1285	1285	0.001285	
21-Feb	34262	1828	1828	0.001828	
22-Feb	34600	338	338	0.000338	
23-Feb	35196	596	596	0.000596	
24-Feb	36074	878	878	0.000878	
25-Feb	36074	0	0	0	
26-Feb	36923	849	849	0.000849	
27-Feb	36923	0	0	0	
28-Feb	36923	0	0	0	
29-Feb	36923	0	0	0	
Totals		28378	28,378	0.028378	

TOTAL NO. OF DISCHARGE DAYS = **20**

AVERAGE MONTHLY FLOW (GPD) = **1418.90**

NOTES:

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3. GALLONS PER DAY (GPD) = DIRECT READING.
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5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
March 2008

Previous Integrator reading	36923

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Mar	36923	0	0	0	
2-Mar	37770	847	847	0.000847	
3-Mar	37770	0	0	0	
4-Mar	38793	1023	1023	0.001023	
5-Mar	39762	969	969	0.000969	
6-Mar	40707	945	945	0.000945	
7-Mar	41611	904	904	0.000904	
8-Mar	41611	0	0	0	
9-Mar	42544	933	933	0.000933	
10-Mar	42544	0	0	0	
11-Mar	42544	0	0	0	
12-Mar	43398	854	854	0.000854	
13-Mar	43398	0	0	0	
14-Mar	43398	0	0	0	
15-Mar	44286	888	888	0.000888	
16-Mar	45368	1082	1082	0.001082	
17-Mar	46246	878	878	0.000878	
18-Mar	47183	937	937	0.000937	
19-Mar	52046	4863	4863	0.004863	
20-Mar	57147	5101	5101	0.005101	
21-Mar	61263	4116	4116	0.004116	
22-Mar	64664	3401	3401	0.003401	
23-Mar	66354	1690	1690	0.00169	
24-Mar	68789	2435	2435	0.002435	
25-Mar	69879	1090	1090	0.00109	
26-Mar	73044	3165	3165	0.003165	
27-Mar	76773	3729	3729	0.003729	
28-Mar	79739	2966	2966	0.002966	
29-Mar	82158	2419	2419	0.002419	
30-Mar	83648	1490	1490	0.00149	
31-Mar	84949	1301	1301	0.001301	
Totals		48026	48,026	0.048026	

TOTAL NO. OF DISCHARGE DAYS = **24**

AVERAGE MONTHLY FLOW (GPD) = **2001.08**

NOTES:

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6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
April 2008

Previous Integrator reading	84949

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Apr	87080	2131	2131	0.002131	
2-Apr	88242	1162	1162	0.001162	
3-Apr	89248	1006	1006	0.001006	
4-Apr	90301	1053	1053	0.001053	
5-Apr	91252	951	951	0.000951	
6-Apr	92174	922	922	0.000922	
7-Apr	92821	647	647	0.000647	
8-Apr	93091	270	270	0.00027	
9-Apr	93987	896	896	0.000896	
10-Apr	93987	0	0	0	
11-Apr	94984	997	997	0.000997	
12-Apr	95683	699	699	0.000699	
13-Apr	95907	224	224	0.000224	
14-Apr	96847	940	940	0.00094	
15-Apr	97781	934	934	0.000934	
16-Apr	98719	938	938	0.000938	
17-Apr	98719	0	0	0	
18-Apr	99606	887	887	0.000887	
19-Apr	99606	0	0	0	
20-Apr	100457	851	851	0.000851	
21-Apr	100457	0	0	0	
22-Apr	101105	648	648	0.000648	
23-Apr	101291	186	186	0.000186	
24-Apr	101291	0	0	0	
25-Apr	101291	0	0	0	
26-Apr	101291	0	0	0	
27-Apr	102120	829	829	0.000829	
28-Apr	102120	0	0	0	
29-Apr	102120	0	0	0	
30-Apr	102120	0	0	0	
Totals		17171	17,171	0.017171	

TOTAL NO. OF DISCHARGE DAYS = **24**

AVERAGE MONTHLY FLOW (GPD) = **715.46**

NOTES:

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4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
May 2008

Previous Integrator reading	102120

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-May	102120	0	0	0	
2-May	102120	0	0	0	
3-May	102943	823	823	0.000823	
4-May	102943	0	0	0	
5-May	102943	0	0	0	
6-May	102943	0	0	0	
7-May	102943	0	0	0	
8-May	102943	0	0	0	
9-May	102943	0	0	0	
10-May	102943	0	0	0	
11-May	102943	0	0	0	
12-May	102943	0	0	0	
13-May	102943	0	0	0	
14-May	102943	0	0	0	
15-May	102943	0	0	0	
16-May	102943	0	0	0	
17-May	102943	0	0	0	
18-May	102943	0	0	0	
19-May	102943	0	0	0	
20-May	102943	0	0	0	
21-May	102943	0	0	0	
22-May	102943	0	0	0	
23-May	102943	0	0	0	
24-May	102943	0	0	0	
25-May	102943	0	0	0	
26-May	102943	0	0	0	
27-May	102943	0	0	0	
28-May	102943	0	0	0	
29-May	102943	0	0	0	
30-May	102943	0	0	0	
31-May	102943	0	0	0	
Totals		823	823	0.000823	

TOTAL NO. OF DISCHARGE DAYS = **1**

AVERAGE MONTHLY FLOW (GPD) = **823.00**

NOTES:

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3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
June 2008

Previous Integrator reading	102943

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Jun	102943	0	0	0	
2-Jun	102943	0	0	0	
3-Jun	102943	0	0	0	
4-Jun	102943	0	0	0	
5-Jun	102943	0	0	0	
6-Jun	102943	0	0	0	
7-Jun	102943	0	0	0	
8-Jun	102943	0	0	0	
9-Jun	102943	0	0	0	
10-Jun	102943	0	0	0	
11-Jun	102943	0	0	0	
12-Jun	102943	0	0	0	
13-Jun	102943	0	0	0	
14-Jun	102943	0	0	0	
15-Jun	102943	0	0	0	
16-Jun	102943	0	0	0	
17-Jun	102943	0	0	0	
18-Jun	102943	0	0	0	
19-Jun	102943	0	0	0	
20-Jun	102943	0	0	0	
21-Jun	102943	0	0	0	
22-Jun	102943	0	0	0	
23-Jun	102943	0	0	0	
24-Jun	102943	0	0	0	
25-Jun	102943	0	0	0	
26-Jun	102943	0	0	0	
27-Jun	102943	0	0	0	
28-Jun	102943	0	0	0	
29-Jun	102943	0	0	0	
30-Jun	102943	0	0	0	
Totals		0	0	0	

TOTAL NO. OF DISCHARGE DAYS = **0**

AVERAGE MONTHLY FLOW (GPD) = **0.00**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
July 2008

Previous Integrator reading	102943

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Jul	102943	0	0	0	
2-Jul	102943	0	0	0	
3-Jul	102943	0	0	0	
4-Jul	102943	0	0	0	
5-Jul	102943	0	0	0	
6-Jul	102943	0	0	0	
7-Jul	102943	0	0	0	
8-Jul	102943	0	0	0	
9-Jul	102943	0	0	0	
10-Jul	102943	0	0	0	
11-Jul	102943	0	0	0	
12-Jul	102943	0	0	0	
13-Jul	102943	0	0	0	
14-Jul	102943	0	0	0	
15-Jul	102943	0	0	0	
16-Jul	102943	0	0	0	
17-Jul	102943	0	0	0	
18-Jul	102943	0	0	0	
19-Jul	102943	0	0	0	
20-Jul	102943	0	0	0	
21-Jul	102943	0	0	0	
22-Jul	102943	0	0	0	
23-Jul	102943	0	0	0	
24-Jul	102943	0	0	0	
25-Jul	102943	0	0	0	
26-Jul	102943	0	0	0	
27-Jul	102943	0	0	0	
28-Jul	102943	0	0	0	
29-Jul	102943	0	0	0	
30-Jul	102943	0	0	0	
31-Jul	102943				
Totals		0	0	0	

TOTAL NO. OF DISCHARGE DAYS = **0**

AVERAGE MONTHLY FLOW (GPD) = **0.00**

NOTES:

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2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
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5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
August 2008

Previous Integrator reading	102943

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Aug	102943	0	0	0	
2-Aug	102943	0	0	0	
3-Aug	102943	0	0	0	
4-Aug	102943	0	0	0	
5-Aug	102943	0	0	0	
6-Aug	102943	0	0	0	
7-Aug	102943	0	0	0	
8-Aug	102943	0	0	0	
9-Aug	102943	0	0	0	
10-Aug	102943	0	0	0	
11-Aug	102943	0	0	0	
12-Aug	102943	0	0	0	
13-Aug	102943	0	0	0	
14-Aug	102943	0	0	0	
15-Aug	102943	0	0	0	
16-Aug	102943	0	0	0	
17-Aug	102943	0	0	0	
18-Aug	102943	0	0	0	
19-Aug	102943	0	0	0	
20-Aug	102943	0	0	0	
21-Aug	102943	0	0	0	
22-Aug	102943	0	0	0	
23-Aug	102943	0	0	0	
24-Aug	102943	0	0	0	
25-Aug	102943	0	0	0	
26-Aug	102943	0	0	0	
27-Aug	102943	0	0	0	
28-Aug	102943	0	0	0	
29-Aug	102943	0	0	0	
30-Aug	102943	0	0	0	
31-Aug	102943				
Totals		0	0	0	

TOTAL NO. OF DISCHARGE DAYS = **0**

AVERAGE MONTHLY FLOW (GPD) = **0.00**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
September 2008

Previous Integrator reading	102943

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Sep	102943	0	0	0	
2-Sep	102943	0	0	0	
3-Sep	102943	0	0	0	
4-Sep	102943	0	0	0	
5-Sep	102943	0	0	0	
6-Sep	102943	0	0	0	
7-Sep	102943	0	0	0	
8-Sep	102943	0	0	0	
9-Sep	102943	0	0	0	
10-Sep	102943	0	0	0	
11-Sep	102943	0	0	0	
12-Sep	102943	0	0	0	
13-Sep	102943	0	0	0	
14-Sep	102943	0	0	0	
15-Sep	102943	0	0	0	
16-Sep	102943	0	0	0	
17-Sep	102943	0	0	0	
18-Sep	102943	0	0	0	
19-Sep	102943	0	0	0	
20-Sep	102943	0	0	0	
21-Sep	102943	0	0	0	
22-Sep	102943	0	0	0	
23-Sep	102943	0	0	0	
24-Sep	102943	0	0	0	
25-Sep	102943	0	0	0	
26-Sep	102943	0	0	0	
27-Sep	102943	0	0	0	
28-Sep	102943	0	0	0	
29-Sep	102943	0	0	0	
30-Sep	102943	0	0	0	
Totals		0	0	0	

TOTAL NO. OF DISCHARGE DAYS = **0**

AVERAGE MONTHLY FLOW (GPD) = **0.00**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
October 2008

Previous Integrator reading	102943

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Oct	102943	0	0	0	
2-Oct	102943	0	0	0	
3-Oct	102943	0	0	0	
4-Oct	102943	0	0	0	
5-Oct	102943	0	0	0	
6-Oct	102943	0	0	0	
7-Oct	102943	0	0	0	
8-Oct	102943	0	0	0	
9-Oct	102943	0	0	0	
10-Oct	102943	0	0	0	
11-Oct	102943	0	0	0	
12-Oct	102943	0	0	0	
13-Oct	102943	0	0	0	
14-Oct	102943	0	0	0	
15-Oct	102943	0	0	0	
16-Oct	102943	0	0	0	
17-Oct	102943	0	0	0	
18-Oct	102943	0	0	0	
19-Oct	102943	0	0	0	
20-Oct	102943	0	0	0	
21-Oct	102943	0	0	0	
22-Oct	102943	0	0	0	
23-Oct	102943	0	0	0	
24-Oct	102943	0	0	0	
25-Oct	102943	0	0	0	
26-Oct	102943	0	0	0	
27-Oct	102943	0	0	0	
28-Oct	102943	0	0	0	
29-Oct	102943	0	0	0	
30-Oct	102943	0	0	0	
31-Oct	102943				
Totals		0	0	0	

TOTAL NO. OF DISCHARGE DAYS = **0**

AVERAGE MONTHLY FLOW (GPD) = **0.00**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
November 2008

Previous Integrator reading	102943

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Nov	102943	0	0	0	
2-Nov	102943	0	0	0	
3-Nov	102943	0	0	0	
4-Nov	102943	0	0	0	
5-Nov	102949	6	6	0.000006	Ran pump manually during sample event.
6-Nov	102949	0	0	0	
7-Nov	102949	0	0	0	
8-Nov	102949	0	0	0	
9-Nov	102949	0	0	0	
10-Nov	102949	0	0	0	
11-Nov	102949	0	0	0	
12-Nov	102949	0	0	0	
13-Nov	102949	0	0	0	
14-Nov	102949	0	0	0	
15-Nov	102949	0	0	0	
16-Nov	102949	0	0	0	
17-Nov	102949	0	0	0	
18-Nov	102949	0	0	0	
19-Nov	102949	0	0	0	
20-Nov	102949	0	0	0	
21-Nov	102949	0	0	0	
22-Nov	102949	0	0	0	
23-Nov	102949	0	0	0	
24-Nov	102949	0	0	0	
25-Nov	102949	0	0	0	
26-Nov	102949	0	0	0	
27-Nov	102949	0	0	0	
28-Nov	102949	0	0	0	
29-Nov	102949	0	0	0	
30-Nov	102949	0	0	0	
Totals		6	6	0.000006	

TOTAL NO. OF DISCHARGE DAYS = **1**

AVERAGE MONTHLY FLOW (GPD) = **6.00**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
December 2008

Previous Integrator reading	102949

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Dec	102949	0	0	0	
2-Dec	102949	0	0	0	
3-Dec	102949	0	0	0	
4-Dec	102949	0	0	0	
5-Dec	102949	0	0	0	
6-Dec	102949	0	0	0	
7-Dec	102949	0	0	0	
8-Dec	102949	0	0	0	
9-Dec	102949	0	0	0	
10-Dec	102949	0	0	0	
11-Dec	103839	890	890	0.00089	
12-Dec	103839	0	0	0	
13-Dec	104724	885	885	0.000885	
14-Dec	104724	0	0	0	
15-Dec	105565	841	841	0.000841	
16-Dec	106455	890	890	0.00089	
17-Dec	106455	0	0	0	
18-Dec	107304	849	849	0.000849	
19-Dec	107304	0	0	0	
20-Dec	107304	0	0	0	
21-Dec	108127	823	823	0.000823	
22-Dec	108127	0	0	0	
23-Dec	108127	0	0	0	
24-Dec	108625	498	498	0.000498	
25-Dec	112089	3464	3464	0.003464	
26-Dec	113971	1882	1882	0.001882	
27-Dec	117501	3530	3530	0.00353	
28-Dec	122397	4896	4896	0.004896	
29-Dec	127280	4883	4883	0.004883	
30-Dec	130270	2990	2990	0.00299	
31-Dec	131597	1327	1327	0.001327	
Totals		28648	28,648	0.028648	

TOTAL NO. OF DISCHARGE DAYS = **14**

AVERAGE MONTHLY FLOW (GPD) = **2046.29**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Attachment 2

Laboratory Summary Sheet
Olin Industrial Welding Site
POTW Discharge Sampling
November 5, 2008

Lab Name : TestAmerica Labora tories Inc.
Job No: A08-E034
Date: 12/9/2008

Job No	Client Sample ID	Lab Smp ID	Samp Date	Recvd Date	Anal Date	CAS No	Parameter Name	Flags	Result	UM
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	12/1/2008	319-84-6	alpha-BHC	J	**0.022**	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	12/1/2008	319-85-7	beta-BHC		**0.088**	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	12/1/2008	319-86-8	delta-BHC	J	**0.022**	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	12/1/2008	58-89-9	gamma-BHC (Lindane)	U	0.049	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/11/2008	7439-97-6	Mercury - Total	N	**3.7**	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/7/2008	75-34-3	1,1-Dichloroethane	U	5	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/7/2008	107-06-2	1,2-Dichloroethane	U	5	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/7/2008	67-64-1	Acetone	U	11	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/7/2008	79-01-6	Trichloroethene	U	1.5	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/11/2008		Soluble Organic Carbon		**4.8**	MG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/8/2008		Total Suspended Solids		**160**	MG/L
A08-E034	TRIP BLANK	A8E03402	11/5/2008	11/5/2008	11/7/2008	75-34-3	1,1-Dichloroethane	U	5	UG/L
A08-E034	TRIP BLANK	A8E03402	11/5/2008	11/5/2008	11/7/2008	107-06-2	1,2-Dichloroethane	U	5	UG/L
A08-E034	TRIP BLANK	A8E03402	11/5/2008	11/5/2008	11/7/2008	67-64-1	Acetone	U	11	UG/L
A08-E034	TRIP BLANK	A8E03402	11/5/2008	11/5/2008	11/7/2008	79-01-6	Trichloroethene	U	1.5	UG/L

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Job#: A08-E034

STL Project#: NY1A8693
Site Name: OLIN - INDUSTRIAL WELDING SITE
Task: Industrial Welding Site

Mr. Mike Bellotti
Olin Corporation
1186 Lower River Road
Charleston, TN 37310

CC: Mr. Michael Walker

STL Buffalo

Brian J Fischer
Project Manager

Jaclyn Mantell
Analyst

Donna Besco
Analyst

Todd Brandt
Analyst

Karen Dudziak
Analyst

Mike Mosscrop
Analyst

12/09/08

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 11/3/2008

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8E03401	IWS-MS1-110508-LCRS	SW	11/05/2008	10:00	11/05/2008	13:30
A8E03401MS	IWS-MS1-110508-LCRS	SW	11/05/2008	10:00	11/05/2008	13:30
A8E03401SD	IWS-MS1-110508-LCRS	SW	11/05/2008	10:00	11/05/2008	13:30
A8E03402	TRIP BLANK	WATER	11/05/2008	00:00	11/05/2008	13:30

METHODS SUMMARY

Job#: A08-E034

Project#: NY1A8693
Site Name: OLIN CORPORATION

PARAMETER	ANALYTICAL METHOD
OLIN - 624 - SELECT VOAS - W	CFR136 624
OLIN - 608 - TOTAL HCCH - W	CFR136 608PEST
Mercury - Total	MCAWW 245.1
Soluble Organic Carbon	SM20 5310 D
Total Suspended Solids	SM20 2540D

References:

CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SDG NARRATIVE

Job#: A08-E034

Project#: NY1A8693
Site Name: OLIN CORPORATION

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-E034
Sample Cooler(s) were received at the following temperature(s); 5.2 °C
All samples were received in good condition.

GC/MS Volatile Data

For method 624, all samples were preserved to a pH less than 2.

GC Extractable Data

For method 608Pest, the recovery for sample IWS-MS1-110508-LCRS Spike duplicate is outside quality control limits for gamma-BHC, though the Matrix Spike Blank recovery is compliant, no action necessary.

Metals Data

The recovery of sample IWS-MS1-110508-LCRS Matrix Spike exhibited a result below the quality control limit for Mercury. Sample matrix was suspect. However, the LFB was acceptable.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Brian J. Fischer
Project Manager

12-11-08
Date

Date: 12/09/2008 Requested Reporting Limits < Lab PQL Page: 1
Time: 15:56:23 Rept: AN1520

The requested project specific reporting limits listed below were less than lab standard quantitation limits but greater than or equal to lab MDL. It must be noted that results reported below lab standard quantitation limit (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Parameter	Unit	Client RL	Lab PQL
Organics				
624	Acetone	UG/L	11	25
624	Trichloroethene	UG/L	1.5	5.0

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: TESTAMERICA LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
IWS-MS1-110508-LC	A8E03401	CFR136	-	-	CFR136	MCAWW	-	SM20

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
IWS-MS1-110508-LCRS	SW	11/05/2008	11/05/2008	-	11/07/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
IWS-MS1-110508-LCRS	SW	11/05/2008	11/05/2008	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
IWS-MS1-110508-L CRS	SW	T HG	11/05/2008	11/11/2008	11/11/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
IWS-MS1-110508-LCRS	SW	CFR136	SEPF	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
IWS-MS1-110508-LCRS	SW	MCAWW	MCAWW	AS REQUIRED	AS REQUIRED

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2959.RR

Level: (low/med) LOW Date Samp/Recv: 11/05/2008 11/05/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/07/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	11	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	1.5	U

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2958.RR

Level: (low/med) LOW Date Samp/Recv: 11/05/2008 11/05/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/07/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	11	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	1.5	U

OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401

Sample wt/vol: 1020.00 (g/mL) ML Lab File ID: 6A29061.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 11/05/2008 11/05/2008

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.022	J
319-85-7	beta-BHC	0.088	
319-86-8	delta-BHC	0.022	J
58-89-9	gamma-BHC (Lindane)	0.049	U

TESTAMERICA LABORATORIES INC.

Olin Corporation

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Olin Corporation **SDG No.:** A08-E034 **Method Type:**

Sample ID: A8E03401 **Client ID:** IWS-MS1-110508-LCRS

Matrix: WATER **Date Received:** 11/5/2008 **Date Collected:** 11/5/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 30.0 **Final Vol:** 50.0

Prep Batch ID: A8B25774 **Prep Date:** 11/11/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Mercury	**3.7**	**ug/L**		**N**	**0.200**	0.200	**1**	**11/11/2008**	**18:01:15**	LEEMAN PS2	H11118W2	CV

Comments:

Wet Chemistry Analysis

Client Sample No.: IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A8E03401

% Solids: 0.0 Date Samp/Recv: 11/05/2008 11/05/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Soluble Organic Carbon	MG/L	4.8				5310 D	11/11/2008
Total Suspended Solids	MG/L	160				2540D	11/08/2008

Comments:

OLIN - 624 - SELECT VOAS - W
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	IWS-MS1-110508-LCRS	A8E03401	94		104		99							0
2	IWS-MS1-110508-LCRS	A8E03401MS	96		99		100							0
3	IWS-MS1-110508-LCRS	A8E03401SD	97		98		99							0
4	MSB13	A8B2563401	100		100		103							0
5	TRIP BLANK	A8E03402	93		105		100							0
6	VBLK13	A8B2563402	95		104		99							0

QC LIMITS

BFB = p-Bromofluorobenzene (78-122)
DCE = 1,2-Dichloroethane-D4 (88-132)
TOL = Toluene-D8 (87-110)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

OLIN - 608 - TOTAL HCCH - W
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

GC Column(1): RTX-CLPI ID: 0.53 (mm) GC Column(2): RTX-CLPII ID.: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP 1 %REC	#	DCBP 2 %REC	#	TCMX 1 %REC	#	TCMX 2 %REC	#					TOT OUT
1	IWS-MS1-110508-LCRS	A8E03401	40		37		46		57						0
2	IWS-MS1-110508-LCRS	A8E03401MS	38		37		42		52						0
3	IWS-MS1-110508-LCRS	A8E03401SD	40		35		42		54						0
4	Matrix Spike Blank	A8B2551201	59		61		47		51						0
5	Method Blank	A8B2551203	72		66		59		65						0

QC LIMITS

(DCBP) = Decachlorobiphenyl (15-139)
(TCMX) = Tetrachloro-m-xylene (30-139)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

OLIN - 624 - SELECT VOAS - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B2563402

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK13

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethane	20.0	20.6	103	73 - 128
1,2-Dichloroethane	20.0	20.5	103	68 - 132
Trichloroethene	20.0	19.7	98	67 - 134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 3 outside limits

Comments: _____

OLIN - 624 - SELECT VOAS - W
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8E03401

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: IWS-MS1-110508-LCRS

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
1,1-Dichloroethane	20.0	0	22.5	112	73 - 128
1,2-Dichloroethane	20.0	0	21.0	105	68 - 132
Trichloroethene	20.0	0.786	22.6	109	67 - 134

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethane	20.0	22.5	113	0	15	73 - 128
1,2-Dichloroethane	20.0	20.8	104	1	15	68 - 132
Trichloroethene	20.0	22.8	110	0	15	67 - 134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike recovery: 0 out of 6 outside limits

Comments: _____

OLIN - 608 - TOTAL HCCH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B2551203

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
gamma-BHC (Lindane)	0.500	0.352	70	68 - 120	
alpha-BHC	0.500	0.322	64	39 - 121	
beta-BHC	0.500	0.403	81	39 - 138	
delta-BHC	0.500	0.416	83	40 - 121	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 4 outside limits

Comments: _____

OLIN - 608 - TOTAL HCCH - W
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8E03401

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: IWS-MS1-110508-LCRS

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.	+ =
gamma-BHC (Lindane)	0.485	0.00255	0.336	69	68 - 120	
alpha-BHC	0.485	0.0215	0.330	64	39 - 121	
beta-BHC	0.485	0.0882	0.447	74	39 - 138	
delta-BHC	0.485	0.0225	0.382	74	40 - 121	

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+ =
gamma-BHC (Lindane)	0.480	0.322	67 *	3	50	68 - 120	
alpha-BHC	0.480	0.318	62	3	50	39 - 121	
beta-BHC	0.480	0.431	71	4	50	39 - 138	
delta-BHC	0.480	0.368	72	3	50	40 - 121	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 4 outside limits
Spike recovery: 1 out of 8 outside limits

Comments: _____

TESTAMERICA LABORATORIES INC.

Olin Corporation

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

IWS-MS1-110508-LCRS\MS

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	70 - 130	8.2500		3.7000		6.67	68	N	CV

Comments: _____

TESTAMERICA LABORATORIES INC.

Olin Corporation

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

IWS-MS1-110508-LCRS\SD

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	70 - 130	8.8000		3.7000		6.67	76		CV

Comments: _____

TESTAMERICA LABORATORIES INC.

Olin Corporation
-6-
DUPLICATES

SAMPLE NO.

IWS-MS1-110508-LCRS\SD

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury		8.2500		8.8000		6		CV

SAMPLE DATE 11/05/2008

ient Sample ID: IWS-MS1-110508-LCRS IWS-MS1-110508-LCRS IWS-MS1-110508-LCRS
Lab Sample ID: A8E03401 A8E03401MS A8E03401SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
ET CHEMISTRY ANALYSIS												
OLIN - 5310 D - SOLUBLE ORGANIC CARBON	MG/L	4.77	24.40	26.03	20.00	20.00	98	106	102	8	20.0	54-131

' Indicates Result is outside QC Limits
IC = Not Calculated ND = Not Detected

ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2569002 A8B2569001

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
ET CHEMISTRY ANALYSIS					
OLIN - 2540D - TOTAL SUSPENDED SOLIDS	MG/L	641.0	706.0	91	88-110

Indicates Result is outside QC Limits
C = Not Calculated ND = Not Detected

lient Sample ID: Method Blank LCS
Lab Sample ID: A8B2584802 A8B2584801

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
OLIN - 5310 D - SOLUBLE ORGANIC CARBON	MG/L	28.92	30.00	96	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

OLIN - 624 - SELECT VOAS - W
METHOD BLANK SUMMARY

Client No.: VBLK13

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: R2925.RR Lab Sample ID: A8B2563402

Date Analyzed: 11/06/2008 Time Analyzed: 22:55

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973R

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	IWS-MS1-110508-LCRS	A8E03401	R2959.RR	14:06
2	IWS-MS1-110508-LCRS	A8E03401MS	R2960.RR	14:33
3	IWS-MS1-110508-LCRS	A8E03401SD	R2961.RR	14:59
4	MSB13	A8B2563401	R2923.RR	22:01
5	TRIP BLANK	A8E03402	R2958.RR	13:39

Comments: _____

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

VBLK13

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8B2563402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2925.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	11	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	1.5	U

OLIN - 608 - TOTAL HCCH - W
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2551203 Lab File ID: 6A29060.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 11/06/2008

Date Analyzed (1): 12/01/2008 Date Analyzed (2): 12/01/2008

Time Analyzed (1): 12:00 Time Analyzed (2): 12:00

Instrument ID (1): HP6890-6 Instrument ID (2): HP6890-6

GC Column (1): RTX-CLPI Dia: 0.53(mm) GC Column (2): RTX-CLPII Dia: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	IWS-MS1-110508-LCRS	A8E03401	12/01/2008	12/01/2008
2	IWS-MS1-110508-LCRS	A8E03401MS	12/01/2008	12/01/2008
3	IWS-MS1-110508-LCRS	A8E03401SD	12/01/2008	12/01/2008
4	Matrix Spike Blank	A8B2551201	12/01/2008	12/01/2008

Comments: _____

OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8B2551203

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 6A29060.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U

Olin Corporation

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Olin Corporation **SDG No.:** A08-E034

Contract: NY02-399 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	17:50	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	17:54	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	18:14	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	18:23	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	18:41	LEEMAN PS20	H11118W2

Olin Corporation
- 3b -
PREPARATION BLANK SUMMARY

Client: Olin Corporation **SDG No.:** A08-E034

Contract: NY02-399 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD866179-11/11/08			**WATER**								
	Mercury	0.200	U		0.200	0.200	CV	11/11/2008	18:37	LEEMAN PS20	H11118W2

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2584802 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 11/11/2008 Time Analyzed (1): 20:47

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	IWS-MS1-110508-LCRS	A8E03401	11/11/2008	20:47
2	IWS-MS1-110508-LCRS	A8E03401MS	11/11/2008	20:47
3	IWS-MS1-110508-LCRS	A8E03401SD	11/11/2008	20:47
4	LCS	A8B2584801	11/11/2008	20:47

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A8B2584802

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Soluble Organic Carbon	MG/L	1.0	U			5310 D	11/11/2008

Comments:

_____

_____

_____

_____

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2569002 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 11/08/2008 Time Analyzed (1): 12:10

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	IWS-MS1-110508-LCRS	A8E03401	11/08/2008	12:10
2	LCS	A8B2569001	11/08/2008	12:10

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A8B2569002

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Suspended Solids	MG/L	4.0	U			2540D	11/08/2008

Comments:

Batch Quality Control Data

Lab Sample ID: A8D95406 A8D95406MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
ET CHEMISTRY ANALYSIS METHOD 5310 D - TOTAL ORGANIC CARBON	MG/L	0	18.04	20.00	90	54-131

Indicates Result is outside QC Limits
C = Not Calculated ND = Not Detected

Lab Sample ID: A8E03401 A8E03401MS A8E03401SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
ET CHEMISTRY ANALYSIS												
OLIN - 5310 D - SOLUBLE ORGANIC CARBON	MG/L	4.77	24.40	26.03	20.00	20.00	98	106	102	8	20.0	54-131

Indicates Result is outside QC Limits
C = Not Calculated ND = Not Detected

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8E03401	IWS-MS1-110508-LCRS	SW	11/05/2008	10:00	11/05/2008	13:30
A8E03401MS	IWS-MS1-110508-LCRS	SW	11/05/2008	10:00	11/05/2008	13:30
A8E03401SD	IWS-MS1-110508-LCRS	SW	11/05/2008	10:00	11/05/2008	13:30
A8E03402	TRIP BLANK	WATER	11/05/2008	00:00	11/05/2008	13:30

METHODS SUMMARY

Job#: A08-E034

Project#: NY1A8693
Site Name: OLIN CORPORATION

PARAMETER	ANALYTICAL METHOD
OLIN - 624 - SELECT VOAS - W	CFR136 624
OLIN - 608 - TOTAL HCCH - W	CFR136 608PEST
Mercury - Total	MCAWW 245.1
Soluble Organic Carbon	SM20 5310 D
Total Suspended Solids	SM20 2540D

References:

CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SDG NARRATIVE

Job#: A08-E034

Project#: NY1A8693
Site Name: OLIN CORPORATION

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-E034
Sample Cooler(s) were received at the following temperature(s); 5.2 °C
All samples were received in good condition.

GC/MS Volatile Data

For method 624, all samples were preserved to a pH less than 2.

GC Extractable Data

For method 608Pest, the recovery for sample IWS-MS1-110508-LCRS Spike duplicate is outside quality control limits for gamma-BHC, though the Matrix Spike Blank recovery is compliant, no action necessary.

Metals Data

The recovery of sample IWS-MS1-110508-LCRS Matrix Spike exhibited a result below the quality control limit for Mercury. Sample matrix was suspect. However, the LFB was acceptable.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Brian J. Fischer
Project Manager

12-11-08
Date

Chain of Custody Documentation

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
OLIN CORPORATION - IWS SITE	MIKE BELLOTTI	11/5/08	098000
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
3855 NORTH OCOEE STREET SUITE 200	423-336-4587		
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
CLEVELAND	TN	37312	MIKE WALKER	BRIAN FISCHER
Project Name and Location (State)	**Carrier/Waybill Number**
OLIN - INDUSTRIAL WELDING	
Contract/Purchase Order/Quote No.	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOA 624	608	SOC	TSS	T Hg	Special Instructions/ Conditions of Receipt
IWS-MS1-110508-LCRS	11/5/08	1000		X			2		2	2			9	6	6	3	3	*MS/MSD VOLUME*

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STANDARD

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		11/5/08	1200		11/5/08	~~1250~~ 1200
2.		11/5/08	1330		11/5/08	1330
3.						

Comments

5.2°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

53/356

TestAmerica Buffalo

Doc. Login/ARRF
Rev 6
January 2, 2008

SAMPLE LOGIN JOB # 5034

Shipment ID_____ **Strict Internal COC:** YES / NO

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC 87765 **Project / Task** _____/_____

TAT 15 BD/_____CD # OF SAMPLES 1 TRIP BLANK Y/N # 1

SHIPPED BY WALK IN	**ATTACH SHIPPING TAGS**
RECEIVED DATE / TIME:	11/5/08 13:30

COOLER TEMP 5.2 °C (<6 °C) OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES_____ (PM Name)

SUBCONTRACT YES/NO **LAB**_____ **SM #**_____

COMMENTS: SAMPLE TIME ACTUAL +1HR +2 HR +3 HR NONE

Sample received outside hold time_____

Headspace in VOA vials_____

Problems with bottle labels_____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

_____

_____

PRESERVATION CHECKED YES___ NO X NA___ **Initials** _____

ARE SAMPLE DATES AND TIMES CORRECT? **Initials** _____

WERE ALL THE APPROPRIATE TESTS ASSIGNED? **Initials** _____

Temp.Cert.Loss: Carbaryl in Drinking Water for New York State
Dichlorodifluoromethane in Drinking Water for New York State

TestAmerica Laboratories Inc.
Sample Inventory

Job No: A08-E034
Client: Olin Corporation
Project: NY1A8693
SDG:
Case:
SMO No:
No. Samps: 3

Radiation Check: YES
Custody Seal: NO
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 5.2°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
11/05/2008 10:00	11/05/2008 13:30	IWS-MS1-110508	A8E03401	Good	3-40mlV	VOA	RECNY	0103	<2
					2-1lGA	608	RECNY	0100	
					2-40mlV	SOC	RECNY	1103	<2
					1-16ozP	TSS	RECNY	0100	
					1-8ozP	T HG	RECNY	0001	<2
11/05/2008 10:00	11/05/2008 13:30	IWS-MS1-110508	A8E03401MS	Good	3-40mlV	VOA	RECNY	0103	<2
					2-1lGA	608	RECNY	0100	
					2-40mlV	SOC	RECNY	1103	<2
					1-16ozP	TSS	RECNY	0100	
					1-8ozP	T HG	RECNY	0001	<2
11/05/2008 10:00	11/05/2008 13:30	IWS-MS1-110508	A8E03401SD	Good	3-40mlV	VOA	RECNY	0103	<2
					2-1lGA	608	RECNY	0100	
					2-40mlV	SOC	RECNY	1103	<2
					1-16ozP	TSS	RECNY	0100	
					1-8ozP	T HG	RECNY	0001	<2
11/05/2008 00:00	11/05/2008 13:30	TRIP BLANK	A8E03402	Good	1-40mlV	VOA	RECNY	0103	<2

mple Custodian: _____ 11/5/20 0Y

Analytical Services Coordinator: _____ /__/20__

55/356

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

624 Volatiles

QC Summary

OLIN - 624 - SELECT VOAS - W
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	IWS-MS1-110508-LCRS	A8E03401	94		104		99							0
2	IWS-MS1-110508-LCRS	A8E03401MS	96		99		100							0
3	IWS-MS1-110508-LCRS	A8E03401SD	97		98		99							0
4	MSB13	A8B2563401	100		100		103							0
5	TRIP BLANK	A8E03402	93		105		100							0
6	VBLK13	A8B2563402	95		104		99							0

			QC LIMITS
BFB	=	p-Bromofluorobenzene	(78-122)
DCE	=	1,2-Dichloroethane-D4	(88-132)
TOL	=	Toluene-D8	(87-110)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

OLIN - 624 - SELECT VOAS - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B2563402

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK13

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethane	20.0	20.6	103	73 - 128
1,2-Dichloroethane	20.0	20.5	103	68 - 132
Trichloroethene	20.0	19.7	98	67 - 134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 3 outside limits

Comments: _____

OLIN - 624 - SELECT VOAS - W
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8E03401

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: IWS-MS1-110508-LCRS

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
1,1-Dichloroethane	20.0	0	22.5	112	73 - 128
1,2-Dichloroethane	20.0	0	21.0	105	68 - 132
Trichloroethene	20.0	0.786	22.6	109	67 - 134

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethane	20.0	22.5	113	0	15	73 - 128
1,2-Dichloroethane	20.0	20.8	104	1	15	68 - 132
Trichloroethene	20.0	22.8	110	0	15	67 - 134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike recovery: 0 out of 6 outside limits

Comments: _____

OLIN - 624 - SELECT VOAS - W
METHOD BLANK SUMMARY

Client No.: VBLK13

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: R2925.RR Lab Sample ID: A8B2563402

Date Analyzed: 11/06/2008 Time Analyzed: 22:55

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973R

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	IWS-MS1-110508-LCRS	A8E03401	R2959.RR	14:06
2	IWS-MS1-110508-LCRS	A8E03401MS	R2960.RR	14:33
3	IWS-MS1-110508-LCRS	A8E03401SD	R2961.RR	14:59
4	MSB13	A8B2563401	R2923.RR	22:01
5	TRIP BLANK	A8E03402	R2958.RR	13:39

Comments: _____

OLIN CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0003354

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: R2917 BFB Injection Date: 11/06/2008

Instrument ID: HP5973R BFB Injection Time: 19:00

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	26.8		
75	30.0 - 60.0% of mass 95	55.7		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	8.0		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	65.3		
175	5.0 - 9.0% of mass 174	5.4	(8.2)	1
176	95.0 - 101.0% of mass 174	63.7	(97.6)	1
177	5.0 - 9.0% of mass 176	3.9	(6.1)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD100	A8I0000864-1	R2918.RR	11/06/2008	19:30
2	VSTD050	A8I0000864-1	R2919.RR	11/06/2008	19:57
3	VSTD005	A8I0000864-1	R2921.RR	11/06/2008	20:50
4	MSB13	A8B2563401	R2923.RR	11/06/2008	22:01
5	VBLK13	A8B2563402	R2925.RR	11/06/2008	22:55
6	TRIP BLANK	A8E03402	R2958.RR	11/07/2008	13:39
7	IWS-MS1-110508-LCRS	A8E03401	R2959.RR	11/07/2008	14:06
8	IWS-MS1-110508-LCRS	A8E03401MS	R2960.RR	11/07/2008	14:33
9	IWS-MS1-110508-LCRS	A8E03401SD	R2961.RR	11/07/2008	14:59

Compare Client DL for PROJECT NY1A8693 and TASK 2 to Lab MDL
For METHOD: 624 PROTOCOL: CFR136
For FRACTIONS: MV

Laboratory: A
ject Manager: BJF

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	E T
raction: MV																
n Corporation	NY1A8693	2	1,1-Dichloroethane	CDL	CFR136	624	CTA13967	W	UG/L	5.0000	5.00000	0.58931	N			
n Corporation	NY1A8693	2	1,2-Dichloroethane	CDL	CFR136	624	CTA13967	W	UG/L	5.0000	5.00000	0.60346	N			
n Corporation	NY1A8693	2	Acetone	CDL	CFR136	624	CTA13967	W	UG/L	11.0000	25.00000	3.70214	Y	E		
n Corporation	NY1A8693	2	Trichloroethene	CDL	CFR136	624	CTA13967	W	UG/L	1.5000	5.00000	0.59748	Y	E		

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Sample Data

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2959.RR

Level: (low/med) LOW Date Samp/Recv: 11/05/2008 11/05/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/07/2008

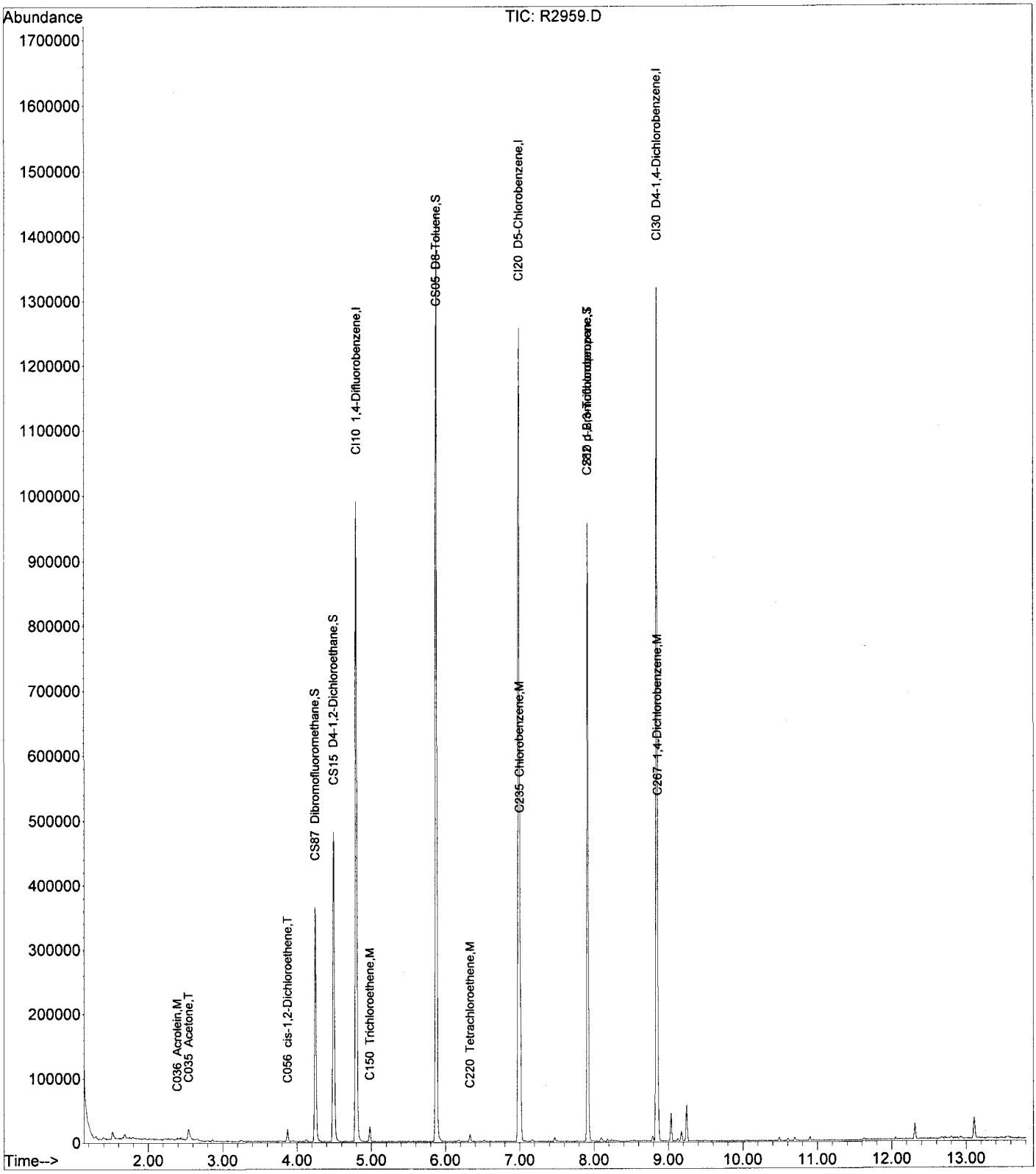
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	11	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	1.5	U

Data File : C:\MSDCHEM\2\DATA\110608\R2959.D Vial: 42
Acq On : 7 Nov 2008 14:06 Operator: MF
Sample : A8E03401 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 07 14:59:27 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Data File : C:\MSDCHEM\2\DATA\110608\R2959.D Vial: 42
Acq On : 7 Nov 2008 14:06 Operator: MF
Sample : A8E03401 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 14:59:27 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

S*E 11/7/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.80	114	524631	150.00	ng	0.00 NA%
40) CI20	D5-Chlorobenzene	6.99	117	480848	150.00	ng	0.00 NA%
60) CI30	D4-1,4-Dichlorobenze	8.84	152	236883	150.00	ng	0.00 NA%
System Monitoring Compounds							
29) CS87	Dibromofluoromethane	4.25	111	174960	128.04	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	102.43%	
30) CS15	D4-1,2-Dichloroethan	4.50	65	254390	156.58	ng	0.00
Spiked Amount	150.000	Range	88 - 132	Recovery	=	104.39%	
41) CS05	D8-Toluene	5.88	98	666332	147.94	ng	0.00
Spiked Amount	150.000	Range	87 - 110	Recovery	=	98.63%	
59) CS10	p-Bromofluorobenzene	7.91	95	257159	140.43	NG	0.00
Spiked Amount	150.000	Range	78 - 122	Recovery	=	93.62%	

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.36	50	518	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.68	94	757	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	2.86	84	818	N.D.		
10) C040	Carbon disulfide	2.58	76	1306	N.D.		
11) C036	Acrolein	2.39	56	1433	~~12.75~~ ng		87
12) C038	Acrylonitrile	3.12	53	135	N.D.		
13) C300	Acetonitrile	2.80	41	481	N.D.		
14) C035	Acetone	2.54	43	19263	39.80 ng		90
15) C276	Iodomethane	2.55	142	788	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	3.06	96	160	N.D.		
19) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
20) C125	Vinyl Acetate	0.00	43	0	N.D.		
21) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
22) C056	cis-1,2-Dichloroethe	3.87	96	5740	~~3.56 ng~~		95
23) C272	Tetrahydrofuran	4.14	42	146	N.D.		
24) C222	Bromochloromethane	0.00	128	0	N.D.		
25) C060	Chloroform	4.12	83	2064	N.D.		
26) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
27) C120	Carbon tetrachlori	0.00	117	0	N.D.		
28) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.50	78	4219	N.D.		
32) C065	1,2-Dichloroethane	4.56	62	683	N.D.		
33) C110	2-Butanone	3.95	43	2286	N.D.		
34) C150	Trichloroethene	4.98	95	6197	3.93 ng		93
35) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
36) C278	Dibromomethane	0.00	93	0	N.D.		
37) C130	Bromodichlorometha	0.00	83	0	N.D.		
38) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

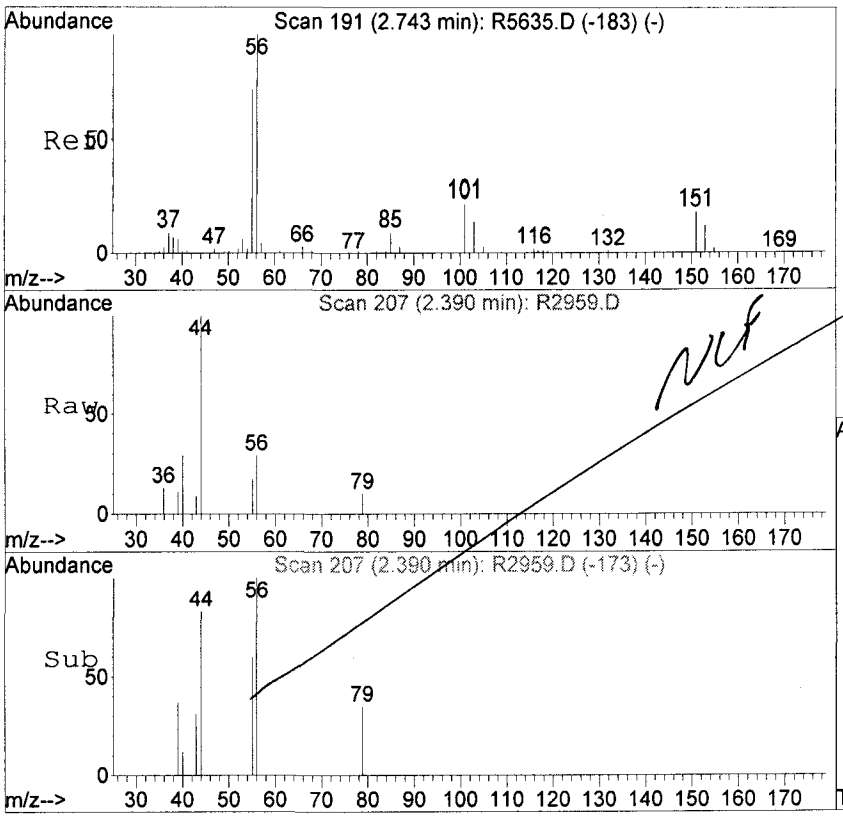
11/12/08

Data File : C:\MSDCHEM\2\DATA\110608\R2959.D Vial: 42
Acq On : 7 Nov 2008 14:06 Operator: MF
Sample : A8E03401 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 14:59:27 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.			
42) C230	Toluene	5.92	92	363	N.D.			
43) C170	trans-1,3-Dichloro	0.00	75	0	N.D.			
44) C284	Ethyl Methacrylate	0.00	69	0	N.D.			
45) C160	1,1,2-Trichloroeth	6.28	83	134	N.D.			
46) C210	4-Methyl-2-pentano	5.83	43	152	N.D.			
47) C220	Tetrachloroethene	6.33	166	2838	2.24	ng	#	76
48) C221	1,3-Dichloropropan	0.00	76	0	N.D.			
49) C155	Dibromochlorometha	0.00	129	0	N.D.			
50) C163	1,2-Dibromoethane	0.00	107	0	N.D.			
51) C215	2-Hexanone	6.53	43	139	N.D.			
52) C235	Chlorobenzene	7.01	112	71278	17.58	ng		95
53) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.			
54) C240	Ethylbenzene	7.07	91	1105	N.D.			
55) C246	m,p-Xylene	7.17	106	695	N.D.			
56) C247	o-Xylene	0.00	106	0	N.D.			
57) C245	Styrene	7.50	104	180	N.D.			
58) C180	Bromoform	0.00	173	0	N.D.			
61) C966	Isopropylbenzene	7.76	105	570	N.D.			
62) C301	Bromobenzene	0.00	156	0	N.D.			
63) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.			
64) C282	1,2,3-Trichloropropa	7.91	75	96666	26.02	ng	#	50
65) C283	t-1,4-Dichloro-2-B	8.10	53	481	N.D.			
66) C302	n-Propylbenzene	8.10	91	1770	N.D.			
67) C303	2-Chlorotoluene	8.18	126	205	N.D.			
68) C289	4-Chlorotoluene	8.27	126	146	N.D.			
69) C304	1,3,5-Trimethylben	8.24	105	1139	N.D.			
70) C306	tert-Butylbenzene	0.00	134	0	N.D.			
71) C307	1,2,4-Trimethylben	8.54	105	1153	N.D.			
72) C308	sec-Butylbenzene	8.67	105	1230	N.D.			
73) C260	1,3-Dichlorobenzen	8.79	146	2457	N.D.			
74) C309	4-Isopropyltoluene	8.79	119	1445	N.D.			
75) C267	1,4-Dichlorobenzene	8.86	146	14123	5.22	ng		97
76) C249	1,2-Dichlorobenzen	9.17	146	5195	N.D.			
77) C310	n-Butylbenzene	9.12	91	2292	N.D.			
78) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.			
79) C313	1,2,4-Trichloroben	10.49	180	1595	N.D.			
80) C316	Hexachlorobutadien	10.61	225	1009	N.D.			
81) C314	Naphthalene	10.70	128	5110	N.D.			
82) C934	1,2,3-Trichloroben	10.89	180	1704	N.D.			

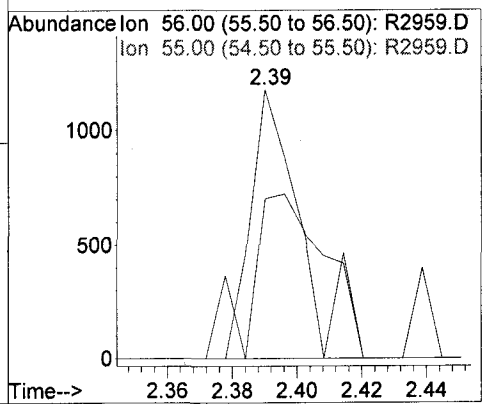
(#) = qualifier out of range (m) = manual integration (+) = signals summed

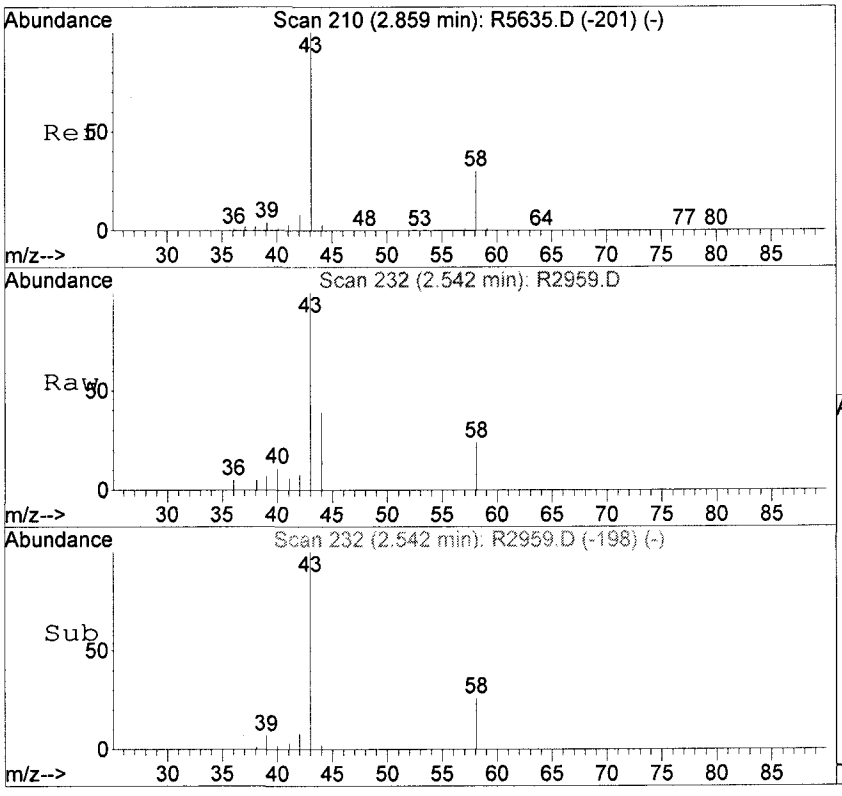


#11
C036 Acrolein
Concen: 12.75 ng
RT: 2.39 min Scan# 207
Delta R.T. 0.01 min
Lab File: R2959.D
Acq: 7 Nov 2008 14:06

Tgt Ion: 56 Resp: 1433

Ion	Ratio	Lower	Upper
56	100		
55	59.9	56.3	84.5

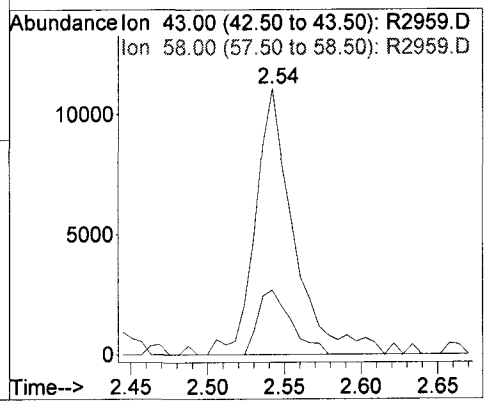


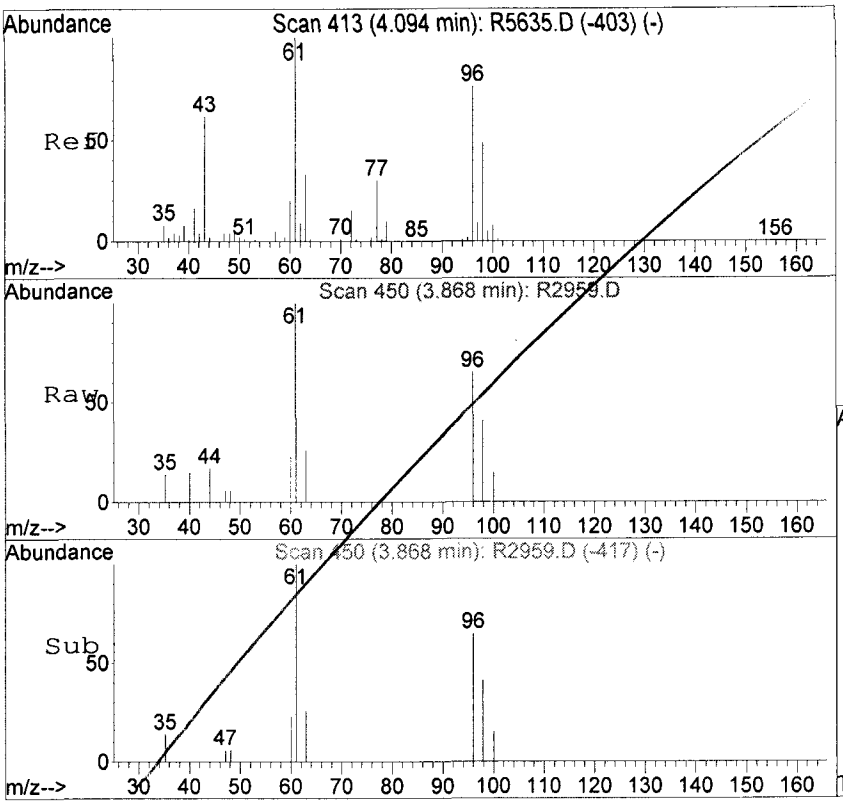


#14
C035 Acetone
Concen: 39.80 ng
RT: 2.54 min Scan# 232
Delta R.T. 0.01 min
Lab File: R2959.D
Acq: 7 Nov 2008 14:06

Tgt Ion: 43 Resp: 19263

Ion	Ratio	Lower	Upper
43	100		
58	24.4	23.6	35.4

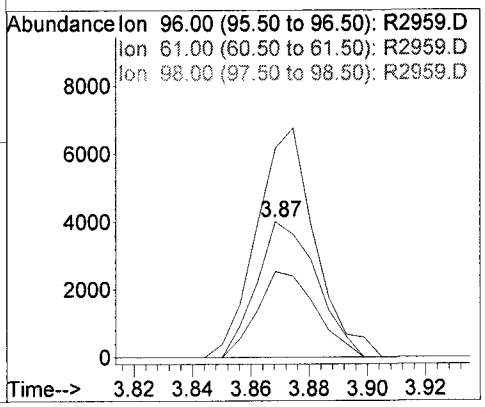


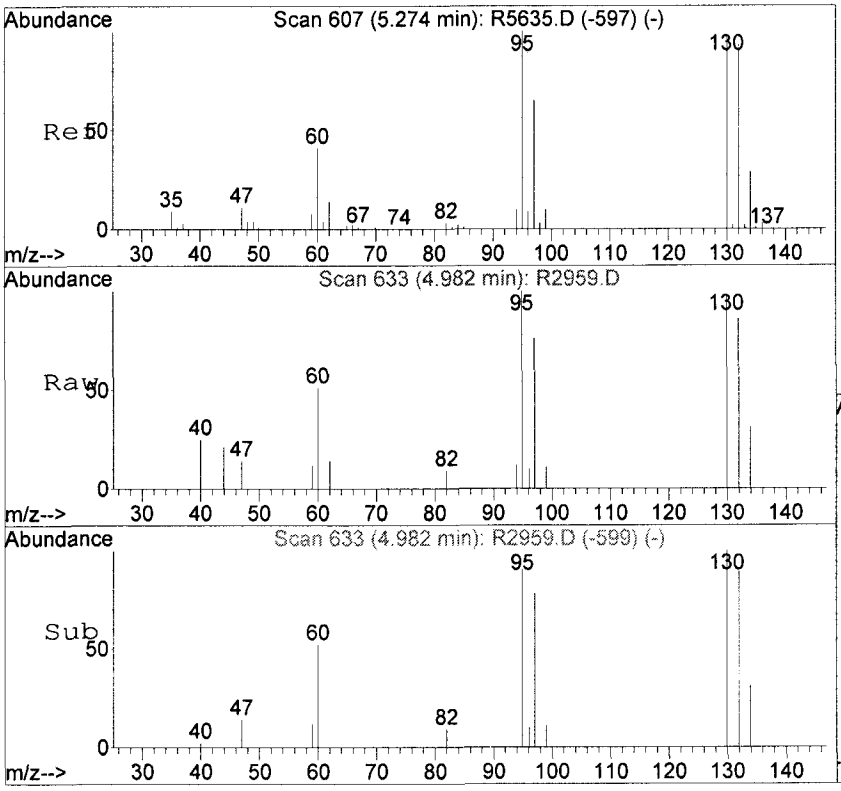


#22
C056 cis-1,2-Dichloroethene
Concen: 3.56 ng
RT: 3.87 min Scan# 450
Delta R.T. -0.00 min
Lab File: R2959.D
Acq: 7 Nov 2008 14:06

Tgt Ion: 96 Resp: 5740

Ion	Ratio	Lower	Upper
96	100		
61	153.5	141.0	181.0
98	63.2	45.2	85.2

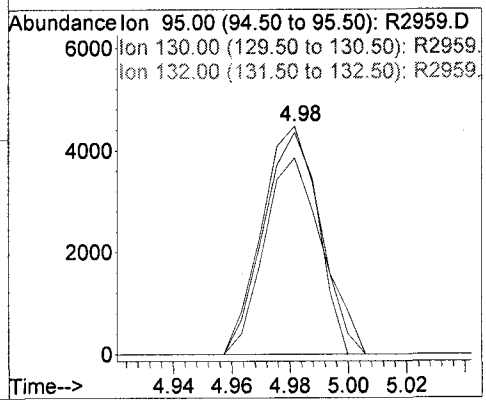




#34
C150 Trichloroethene
Concen: 3.93 ng
RT: 4.98 min Scan# 633
Delta R.T. 0.01 min
Lab File: R2959.D
Acq: 7 Nov 2008 14:06

Tgt Ion: 95 Resp: 6197

Ion	Ratio	Lower	Upper
95	100		
130	97.3	67.2	107.2
132	86.2	63.5	103.5



OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2958.RR

Level: (low/med) LOW Date Samp/Recv: 11/05/2008 11/05/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/07/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

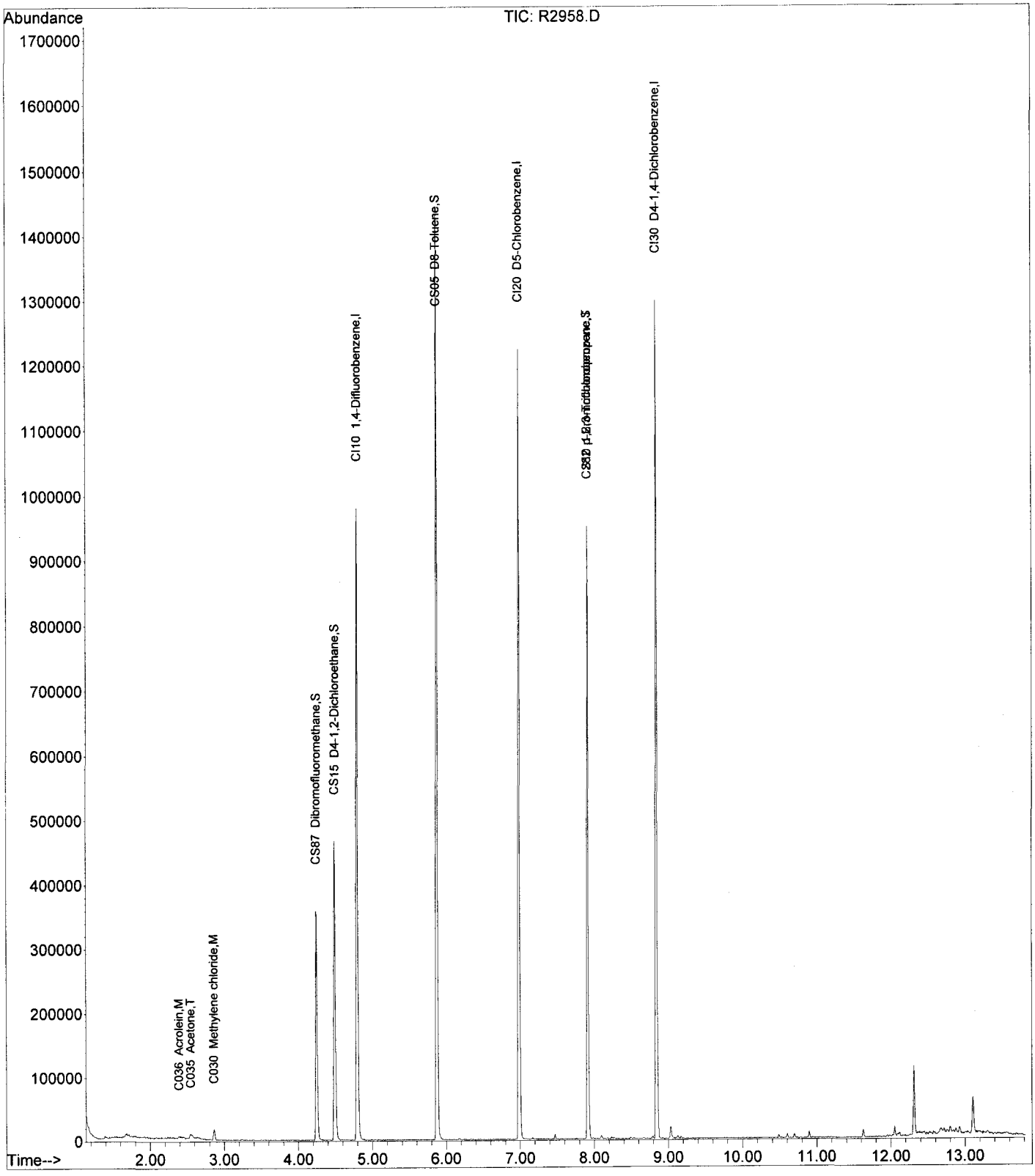
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	11	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	1.5	U

Data File : C:\MSDCHEM\2\DATA\110608\R2958.D
Acq On : 7 Nov 2008 13:39
Sample : A8E03402
Misc :
MS Integration Params: RTEINT.P

Vial: 41
Operator: MF
Inst : HP5973R
Multiplr: 1.00

Quant Time: Nov 07 14:59:21 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2958.D Vial: 41
Acq On : 7 Nov 2008 13:39 Operator: MF
Sample : A8E03402 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 14:59:21 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

S+E 11/7/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.80	114	519648	150.00	ng	0.00 NA%
40) CI20	D5-Chlorobenzene	6.99	117	469534	150.00	ng	0.00 NA%
60) CI30	D4-1,4-Dichlorobenze	8.84	152	233381	150.00	ng	0.00 NA%
System Monitoring Compounds							
29) CS87	Dibromofluoromethane	4.25	111	171084	126.40	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	101.12%	
30) CS15	D4-1,2-Dichloroethan	4.50	65	254520	158.16	ng	0.00
Spiked Amount	150.000	Range	88 - 132	Recovery	=	105.44%	
41) CS05	D8-Toluene	5.88	98	660481	150.17	ng	0.00
Spiked Amount	150.000	Range	87 - 110	Recovery	=	100.11%	
59) CS10	p-Bromofluorobenzene	7.91	95	250652	140.17	NG	0.00
Spiked Amount	150.000	Range	78 - 122	Recovery	=	93.45%	

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.34	50	550	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.67	94	379	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	2.86	84	5115	~~2.79 ng~~	#	81
10) C040	Carbon disulfide	2.58	76	945	N.D.		
11) C036	Acrolein	2.39	56	1353	~~12.16 ng~~		92
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C300	Acetonitrile	2.80	41	492	N.D.		
~~14)~~ C035	Acetone	2.54	43	7243	15.11 ng		90
15) C276	Iodomethane	2.55	142	1557	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
20) C125	Vinyl Acetate	3.47	43	281	N.D.		
21) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
22) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
23) C272	Tetrahydrofuran	0.00	42	0	N.D.		
24) C222	Bromochloromethane	0.00	128	0	N.D.		
25) C060	Chloroform	4.13	83	136	N.D.		
26) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
27) C120	Carbon tetrachlori	0.00	117	0	N.D.		
28) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.51	78	869	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	3.94	43	184	N.D.		
34) C150	Trichloroethene	0.00	95	0	N.D.		
35) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
36) C278	Dibromomethane	0.00	93	0	N.D.		
37) C130	Bromodichlorometha	0.00	83	0	N.D.		
38) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

11/12/08

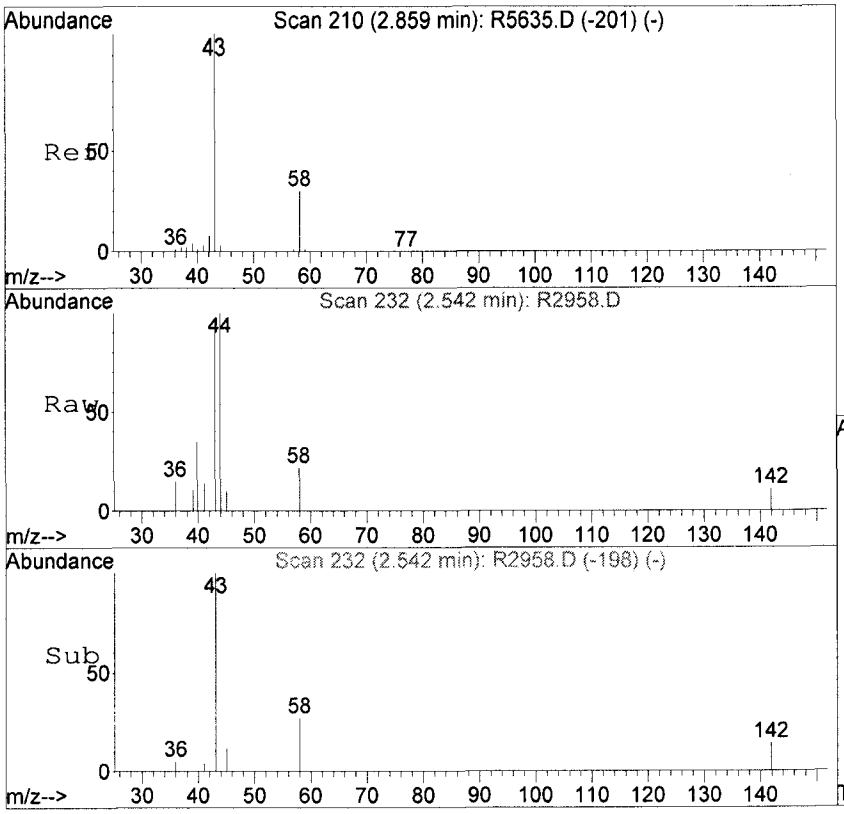
Data File : C:\MSDCHEM\2\DATA\110608\R2958.D Vial: 41
Acq On : 7 Nov 2008 13:39 Operator: MF
Sample : A8E03402 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 14:59:21 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.			
42) C230	Toluene	5.92	92	292	N.D.			
43) C170	trans-1,3-Dichloro	0.00	75	0	N.D.			
44) C284	Ethyl Methacrylate	0.00	69	0	N.D.			
45) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.			
46) C210	4-Methyl-2-pentano	5.83	43	167	N.D.			
47) C220	Tetrachloroethene	6.33	166	165	N.D.			
48) C221	1,3-Dichloropropan	0.00	76	0	N.D.			
49) C155	Dibromochlorometha	0.00	129	0	N.D.			
50) C163	1,2-Dibromoethane	0.00	107	0	N.D.			
51) C215	2-Hexanone	0.00	43	0	N.D.			
52) C235	Chlorobenzene	7.01	112	586	N.D.			
53) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.			
54) C240	Ethylbenzene	7.07	91	752	N.D.			
55) C246	m,p-Xylene	7.16	106	626	N.D.			
56) C247	o-Xylene	0.00	106	0	N.D.			
57) C245	Styrene	7.50	104	415	N.D.			
58) C180	Bromoform	0.00	173	0	N.D.			
61) C966	Isopropylbenzene	7.76	105	429	N.D.			
62) C301	Bromobenzene	8.04	156	132	N.D.			
63) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.			
64) C282	1,2,3-Trichloropropa	7.91	75	95368	26.05	ng	#	50
65) C283	t-1,4-Dichloro-2-B	8.10	53	333	N.D.			
66) C302	n-Propylbenzene	8.10	91	1968	N.D.			
67) C303	2-Chlorotoluene	8.19	126	133	N.D.			
68) C289	4-Chlorotoluene	8.27	126	291	N.D.			
69) C304	1,3,5-Trimethylben	8.24	105	1036	N.D.			
70) C306	tert-Butylbenzene	0.00	134	0	N.D.			
71) C307	1,2,4-Trimethylben	8.54	105	1007	N.D.			
72) C308	sec-Butylbenzene	8.67	105	1096	N.D.			
73) C260	1,3-Dichlorobenzen	8.79	146	1124	N.D.			
74) C309	4-Isopropyltoluene	8.78	119	888	N.D.			
75) C267	1,4-Dichlorobenzen	8.86	146	1828	N.D.			
76) C249	1,2-Dichlorobenzen	9.17	146	976	N.D.			
77) C310	n-Butylbenzene	9.12	91	2231	N.D.			
78) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.			
79) C313	1,2,4-Trichloroben	10.49	180	1512	N.D.			
80) C316	Hexachlorobutadien	10.60	225	1416	N.D.			
81) C314	Naphthalene	10.70	128	4580	N.D.			
82) C934	1,2,3-Trichloroben	10.90	180	1836	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

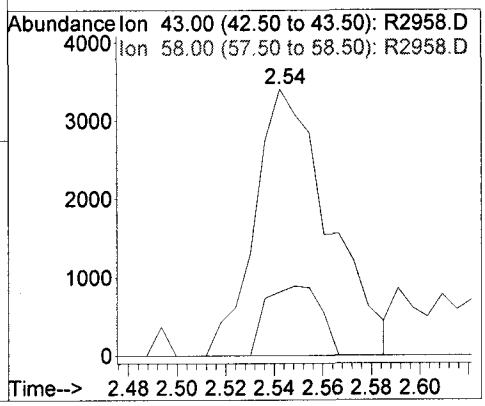
11/12/08

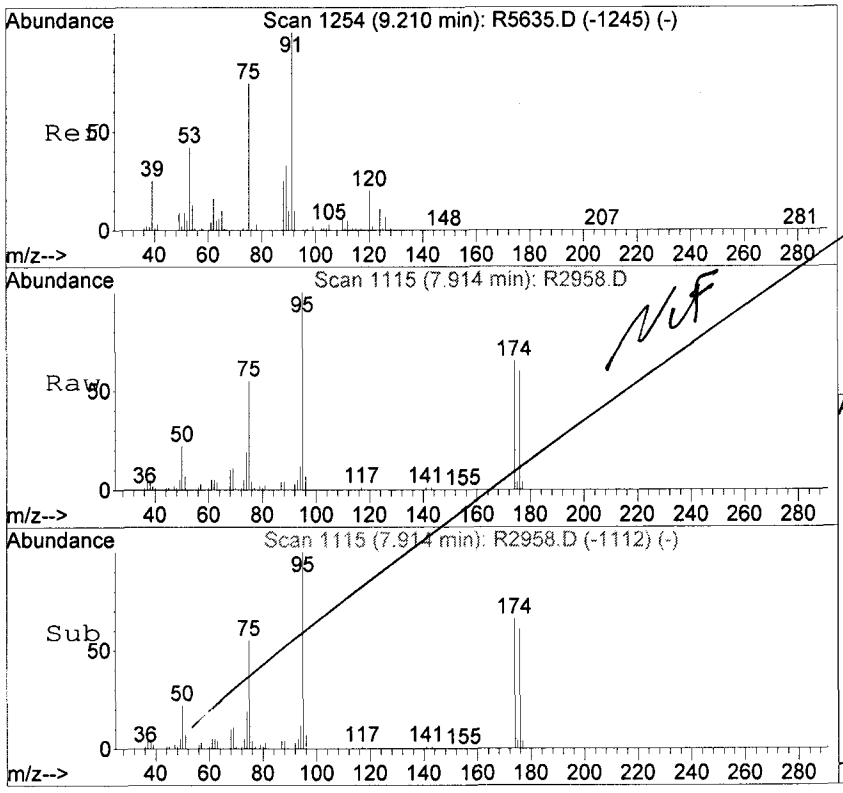


#14
C035 Acetone
Concen: 15.11 ng
RT: 2.54 min Scan# 232
Delta R.T. 0.01 min
Lab File: R2958.D
Acq: 7 Nov 2008 13:39

Tgt Ion: 43 Resp: 7243

Ion	Ratio	Lower	Upper
43	100		
58	24.0	23.6	35.4

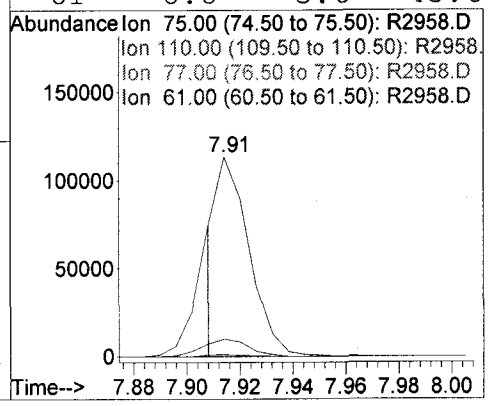




#64
C282 1,2,3-Trichloropropane
Concen: 26.05 ng
RT: 7.91 min Scan# 1115
Delta R.T. -0.18 min
Lab File: R2958.D
Acq: 7 Nov 2008 13:39

Tgt Ion: 75 Resp: 95368

Ion	Ratio	Lower	Upper
75	100		
110	0.0	12.4	52.4#
77	0.9	11.9	51.9#
61	8.8	5.6	45.6



Standards

VOLATILE 624
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: _____ Lab Sample ID: A8I0000864-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Intrument ID: HP5973R_____ Calibration Dates(s): 11/06/2008 11/06/2008

Heated Purge (Y/N): N Calibration Times: 19:30 20:50

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID: RRF5 = R2921.RR RRF50 = R2919.RR
RRF100 = R2918.RR RRF0 RRF0

COMPOUND	RRF5	RRF50	RRF100	RRF0	RRF0	AVG RRF	% RSD
Acetone	0.153	0.131	0.132			0.1380	9.000
1,1-Dichloroethane	0.952	0.866	0.857			0.8920	5.900
1,2-Dichloroethane	0.789	0.715	0.745			0.7500	4.900
Trichloroethene	0.473	0.433	0.446			0.4510	4.400
Toluene-D8	1.410	1.413	1.392			1.4050	0.800
p-Bromofluorobenzene	0.547	0.565	0.602			0.5710	4.900
1,2-Dichloroethane-D4	0.467	0.456	0.471			0.4650	1.700

Comments:

Response Factor Report HP5973R

Method Path : C:\MSDCHEM\2\METHODS\624\
Method File : A8I0000864.M
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response Via : Initial Calibration

A8I..0864 624 5mL

Calibration Files
1 =R2921.D 2 =R2919.D 3 =R2918.D

			Compound	1	2	3	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD				
2)	M	C290	Dichlorodifluor	0.464	0.417	0.438	0.440	5.31
3)	M	C010	Chloromethane	0.756	0.627	0.627	0.670	11.16
4)	M	C020	Vinyl chloride	0.648	0.566	0.541	0.585	9.53
5)	M	C015	Bromomethane	0.277	0.241	0.254	0.257	7.09
6)	M	C025	Chloroethane	0.257	0.224	0.235	0.239	7.12
7)	M	C275	Trichlorofluoro	0.739	0.665	0.709	0.704	5.28
8)	M	C045	1,1-Dichloroeth	0.380	0.340	0.342	0.354	6.43
9)	M	C030	Methylene chlor	0.663	0.472	0.453	0.529	21.95
10)	T	C040	Carbon disulfid	1.171	1.179	1.301	1.217	5.96
11)	M	C036	Acrolein	0.037	0.033	0.027	0.032	15.96
12)	M	C038	Acrylonitrile	0.175	0.165	0.158	0.166	5.27
13)	T	C300	Acetonitrile	0.077	0.066	0.059	0.067	13.16
14)	T	C035	Acetone	0.153	0.131	0.132	0.138	9.05
15)	T	C276	Iodomethane	0.388	0.388	0.378	0.385	1.57
16)	T	C291	1,1,2-Trichloro	0.325	0.305	0.316	0.315	3.17
17)	T	C962	T-butyl Methyl	1.227	1.249	1.205	1.227	1.80
18)	M	C057	trans-1,2-Dichl	0.458	0.414	0.409	0.427	6.37
19)	M	C050	1,1-Dichloroeth	0.952	0.866	0.857	0.892	5.88
20)	T	C125	Vinyl Acetate	0.977	0.897	0.688	0.854	17.45
21)	T	C051	2,2-Dichloropro	0.729	0.709	0.736	0.725	1.89
22)	T	C056	cis-1,2-Dichlor	0.473	0.454	0.456	0.461	2.24
23)	T	C272	Tetrahydrofuran	0.130	0.135	0.131	0.132	2.05
24)	T	C222	Bromochlorometh	0.215	0.193	0.189	0.199	6.78
25)	M	C060	Chloroform	0.930	0.839	0.855	0.874	5.56
26)	M	C115	1,1,1-Trichloro	0.779	0.751	0.780	0.770	2.17
27)	M	C120	Carbon tetrachl	0.637	0.626	0.672	0.645	3.67
28)	T	C116	1,1-Dichloropro	0.643	0.623	0.636	0.634	1.60
29)	S	CS87	Dibromofluorome	0.392	0.386	0.394	0.391	1.14
30)	S	CS15	D4-1,2-Dichloro	0.467	0.456	0.471	0.465	1.71
31)	M	C165	Benzene	1.980	1.808	1.741	1.843	6.68
32)	M	C065	1,2-Dichloroeth	0.789	0.715	0.745	0.750	4.91
33)	M	C110	2-Butanone	0.212	0.207	0.202	0.207	2.50
34)	M	C150	Trichloroethene	0.473	0.433	0.446	0.451	4.45
35)	M	C140	1,2-Dichloropro	0.532	0.489	0.496	0.506	4.58
36)	T	C278	Dibromomethane	0.281	0.255	0.258	0.264	5.35
37)	M	C130	Bromodichlorome	0.636	0.644	0.670	0.650	2.73
38)	M	C161	2-Chloroethylvi	0.270	0.279	0.263	0.271	2.93
39)	M	C145	cis-1,3-Dichlor	0.754	0.780	0.809	0.781	3.54
40)	I	CI20	D5-Chlorobenzen	ISTD				
41)	S	CS05	D8-Toluene	1.410	1.413	1.392	1.405	0.81
42)	M	C230	Toluene	1.263	1.220	1.184	1.222	3.22
43)	M	C170	trans-1,3-Dichl	0.682	0.766	0.786	0.745	7.36
44)	T	C284	Ethyl Methacryl	0.481	0.597	0.593	0.557	11.81
45)	M	C160	1,1,2-Trichloro	0.368	0.336	0.334	0.346	5.61
46)	T	C210	4-Methyl-2-pent	0.450	0.466	0.416	0.444	5.75
47)	M	C220	Tetrachloroethe	0.412	0.381	0.392	0.395	3.99
48)	T	C221	1,3-Dichloropro	0.788	0.753	0.749	0.763	2.76
49)	M	C155	Dibromochlorome	0.412	0.441	0.461	0.438	5.61
50)	T	C163	1,2-Dibromoetha	0.379	0.386	0.388	0.384	1.28
51)	T	C215	2-Hexanone	0.301	0.325	0.309	0.312	3.97
52)	M	C235	Chlorobenzene	1.350	1.227	1.218	1.265	5.83
53)	T	C281	1,1,1,2-Tetrach	0.442	0.449	0.457	0.449	1.67
54)	M	C240	Ethylbenzene	2.319	2.259	2.103	2.227	5.01
55)	M	C246	m,p-Xylene	0.849	0.818	0.799	0.822	3.10

Response Factor Report HP5973R

Method Path : C:\MSDCHEM\2\METHODS\624\
Method File : A8I0000864.M
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response Via : Initial Calibration

56)	M	C247	o-Xylene	0.793	0.820	0.854	0.823	3.69
57)	T	C245	Styrene	1.337	1.372	1.385	1.365	1.85
58)	M	C180	Bromoform	0.218	0.251	0.276	0.248	11.60
59)	S	CS10	p-Bromofluoroben	0.547	0.565	0.602	0.571	4.86
60)	I	CI30	D4-1,4-Dichloro	----------ISTD----------				
61)	T	C966	Isopropylbenzen	3.496	3.732	3.298	3.509	6.20
62)	T	C301	Bromobenzene	0.970	0.927	0.867	0.921	5.61
63)	M	C225	1,1,2,2-Tetrach	1.003	0.948	0.867	0.940	7.28
64)	T	C282	1,2,3-Trichloro	2.347	2.472	2.239	2.353	4.96
65)	T	C283	t-1,4-Dichloro-	0.339	0.338	0.316	0.331	3.85
66)	T	C302	n-Propylbenzene	5.046	4.871	4.008	4.642	11.98
67)	T	C303	2-Chlorotoluene	0.928	0.903	0.850	0.894	4.48
68)	T	C289	4-Chlorotoluene	0.915	0.882	0.846	0.881	3.88
69)	T	C304	1,3,5-Trimethyl	3.512	3.518	3.161	3.397	6.02
70)	T	C306	tert-Butylbenze	0.643	0.681	0.643	0.656	3.38
71)	T	C307	1,2,4-Trimethyl	3.547	3.585	3.208	3.447	6.03
72)	T	C308	sec-Butylbenzen	4.222	4.295	3.707	4.075	7.86
73)	T	C260	1,3-Dichloroben	1.804	1.632	1.545	1.660	7.92
74)	T	C309	4-Isopropyltolu	3.180	3.288	3.026	3.165	4.17
75)	M	C267	1,4-Dichloroben	1.837	1.671	1.627	1.712	6.47
76)	M	C249	1,2-Dichloroben	1.771	1.701	1.625	1.699	4.31
77)	T	C310	n-Butylbenzene	2.791	2.998	2.795	2.862	4.14
78)	T	C286	1,2-Dibromo-3-C	0.163	0.189	0.191	0.181	8.77
79)	T	C313	1,2,4-Trichloro	0.963	1.050	1.021	1.012	4.37
80)	T	C316	Hexachlorobutad	0.707	0.539	0.522	0.590	17.37
81)	T	C314	Naphthalene	2.388	3.008	2.581	2.659	11.94
82)	T	C934	1,2,3-Trichloro	1.131	1.129	1.004	1.088	6.66

Total Average %RSD 5.87

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0000864.M Thu Nov 06 21:22:19 2008

Date: 11/07/2008
Time: 01:40:18

ICC Profile

ICC Profile Code: A00153 VOLATILE 624 - 3 Point Curve (5,50,100)
Fraction: MV

No of Points: 3 Default Min. RRF: 0.0000
CCC Conc: 250.00

QC Approver: JRS
QC Date: 07/05/2007

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3
10	74-87-3	Chloromethane	25.0000	250.0000	500.0000
11	2037-26-5	Toluene-D8	150.0000	150.0000	150.0000
12	3114-55-4	Chlorobenzene-D5	150.0000	150.0000	150.0000
20	74-83-9	Bromomethane	25.0000	250.0000	500.0000
30	75-01-4	Vinyl chloride	25.0000	250.0000	500.0000
40	75-00-3	Chloroethane	25.0000	250.0000	500.0000
50	75-09-2	Methylene chloride	25.0000	250.0000	500.0000
60	67-64-1	Acetone	125.0000	1250.0000	2500.0000
70	75-15-0	Carbon Disulfide	25.0000	250.0000	500.0000
80	75-35-4	1,1-Dichloroethene	25.0000	250.0000	500.0000
90	75-34-3	1,1-Dichloroethane	25.0000	250.0000	500.0000
95	67-63-0	2-Propanol	1000.0000	10000.0000	20000.0000
98	156-59-2	cis-1,2-Dichloroethene	25.0000	250.0000	500.0000
99	156-60-5	trans-1,2-Dichloroethene	25.0000	250.0000	500.0000
100	540-59-0	1,2-Dichloroethene (Total)	50.0000	500.0000	1000.0000
101	540-36-3	1,4-Difluorobenzene	150.0000	150.0000	150.0000
102	3017-95-6	2-Bromo-1-Chloropropane	0.0000	250.0000	500.0000
104	54-28-81TIC	Bis(chloromethyl) ether (VOA T	0.0000	0.0000	0.0000
110	67-66-3	Chloroform	25.0000	250.0000	500.0000
115	542-75-6	1,3-Dichloropropene (Total)	50.0000	500.0000	1000.0000
120	107-06-2	1,2-Dichloroethane	25.0000	250.0000	500.0000
130	78-93-3	2-Butanone	125.0000	1250.0000	2500.0000
140	71-55-6	1,1,1-Trichloroethane	25.0000	250.0000	500.0000
150	56-23-5	Carbon Tetrachloride	25.0000	250.0000	500.0000
160	108-05-4	Vinyl acetate	125.0000	1250.0000	2500.0000
170	75-27-4	Bromodichloromethane	25.0000	250.0000	500.0000
180	78-87-5	1,2-Dichloropropane	25.0000	250.0000	500.0000
190	10061-01-5	cis-1,3-Dichloropropene	25.0000	250.0000	500.0000
200	79-01-6	Trichloroethene	25.0000	250.0000	500.0000
210	124-48-1	Dibromochloromethane	25.0000	250.0000	500.0000
220	79-00-5	1,1,2-Trichloroethane	25.0000	250.0000	500.0000
225	75-45-6	Chlorodifluoromethane	25.0000	250.0000	500.0000
230	71-43-2	Benzene	25.0000	250.0000	500.0000
240	10061-02-6	trans-1,3-Dichloropropene	25.0000	250.0000	500.0000
250	75-25-2	Bromoform	25.0000	250.0000	500.0000
260	108-10-1	4-Methyl-2-pentanone	125.0000	1250.0000	2500.0000
270	591-78-6	2-Hexanone	125.0000	1250.0000	2500.0000
280	127-18-4	Tetrachloroethene	25.0000	250.0000	500.0000
290	79-34-5	1,1,2,2-Tetrachloroethane	25.0000	250.0000	500.0000
300	108-88-3	Toluene	25.0000	250.0000	500.0000
310	108-90-7	Chlorobenzene	25.0000	250.0000	500.0000
320	100-41-4	Ethylbenzene	25.0000	250.0000	500.0000
330	100-42-5	Styrene	25.0000	250.0000	500.0000
340	1330-20-7	Total Xylenes	75.0000	750.0000	1500.0000
350	74-97-5	Bromochloromethane	25.0000	250.0000	500.0000
360	460-00-4	p-Bromofluorobenzene	150.0000	150.0000	150.0000
370	SU107-06-2	1,2-Dichloroethane-D4	150.0000	150.0000	150.0000

ICC Profile Code: A00153 VOLATILE 624 - 3 Point Curve (5,50,100) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3
380	630-20-6	1,1,1,2-Tetrachloroethane	25.0000	250.0000	500.0000
390	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	25.0000	250.0000	500.0000
400	563-58-6	1,1-Dichloropropene	25.0000	250.0000	500.0000
410	534-15-6	1,1-Dimethoxyethane	0.0000	250.0000	500.0000
420	87-61-6	1,2,3-Trichlorobenzene	25.0000	250.0000	500.0000
430	96-18-4	1,2,3-Trichloropropane	25.0000	250.0000	500.0000
440	120-82-1	1,2,4-Trichlorobenzene	25.0000	250.0000	500.0000
450	95-63-6	1,2,4-Trimethylbenzene	25.0000	250.0000	500.0000
460	12/14DCLB	1,2-& 1,4-Dichlorobenzene	50.0000	500.0000	1000.0000
470	96-12-8	1,2-Dibromo-3-chloropropane	25.0000	250.0000	500.0000
480	106-93-4	1,2-Dibromoethane	25.0000	250.0000	500.0000
490	95-50-1	1,2-Dichlorobenzene	25.0000	250.0000	500.0000
500	108-67-8	1,3,5-Trimethylbenzene	25.0000	250.0000	500.0000
510	541-73-1	1,3-Dichlorobenzene	25.0000	250.0000	500.0000
520	142-28-9	1,3-Dichloropropane	25.0000	250.0000	500.0000
530	106-46-7	1,4-Dichlorobenzene	25.0000	250.0000	500.0000
540	110-56-5	1,4-Dichlorobutane	0.0000	250.0000	500.0000
550	123-91-1	1,4-Dioxane	0.0000	250.0000	500.0000
570	594-20-7	2,2-Dichloropropane	25.0000	250.0000	500.0000
580	110-75-8	2-Chloroethylvinyl ether	125.0000	1250.0000	2500.0000
590	95-49-8	o-Chlorotoluene	25.0000	250.0000	500.0000
600	591-76-4	2-Methyl hexane	25.0000	250.0000	500.0000
610	497-26-7	2-Methyl-1,3-Dioxolane	25.0000	250.0000	500.0000
620	78-83-1	Isobutanol	0.0000	250.0000	500.0000
630	534-22-5	2-Methylfuran	25.0000	250.0000	500.0000
640	88-16-4	o-Monochlorobenzotrifluoride	25.0000	250.0000	500.0000
650	79-46-9	2-Nitropropane	25.0000	250.0000	500.0000
660	109-06-8	2-Picoline	0.0000	250.0000	500.0000
670	107-05-1	3-Chloropropene (Allyl Chlor.)	25.0000	250.0000	500.0000
680	589-34-4	3-Methyl hexane	25.0000	250.0000	500.0000
690	96-14-0	3-Methyl pentane	25.0000	250.0000	500.0000
700	98-15-7	m-Monochlorobenzotrifluoride	25.0000	250.0000	500.0000
710	99-87-6	p-Cymene	25.0000	250.0000	500.0000
720	98-56-6	p-Monochlorobenzotrifluoride	25.0000	250.0000	500.0000
730	75-05-8	Acetonitrile	1000.0000	10000.0000	20000.0000
740	107-02-8	Acrolein	500.0000	5000.0000	10000.0000
750	107-13-1	Acrylonitrile	125.0000	1250.0000	2500.0000
770	108-86-1	Bromobenzene	25.0000	250.0000	500.0000
790	71-36-3	n-Butyl alcohol	0.0000	250.0000	500.0000
810	126-99-8	2-Chloro-1,3-butadiene	25.0000	250.0000	500.0000
820	80-15-9	Cumene Hydroperoxide	25.0000	250.0000	500.0000
830	110-82-7	Cyclohexane	25.0000	250.0000	500.0000
840	108-94-1	Cyclohexanone	0.0000	250.0000	500.0000
850	74-95-3	Dibromomethane	25.0000	250.0000	500.0000
860	75-71-8	Dichlorodifluoromethane	25.0000	250.0000	500.0000
870	75-43-4	Dichlorofluoromethane	25.0000	250.0000	500.0000
880	106-89-8	Epichlorohydrin	0.0000	250.0000	500.0000
890	64-17-5	Ethanol	25.0000	250.0000	500.0000
900	141-78-6	Ethyl acetate	25.0000	250.0000	500.0000
901	126-98-7	Methacrylonitrile	25.0000	250.0000	500.0000
902	79-20-9	Methyl acetate	25.0000	250.0000	500.0000
903	96-37-7	Methyl cyclopentane	25.0000	250.0000	500.0000

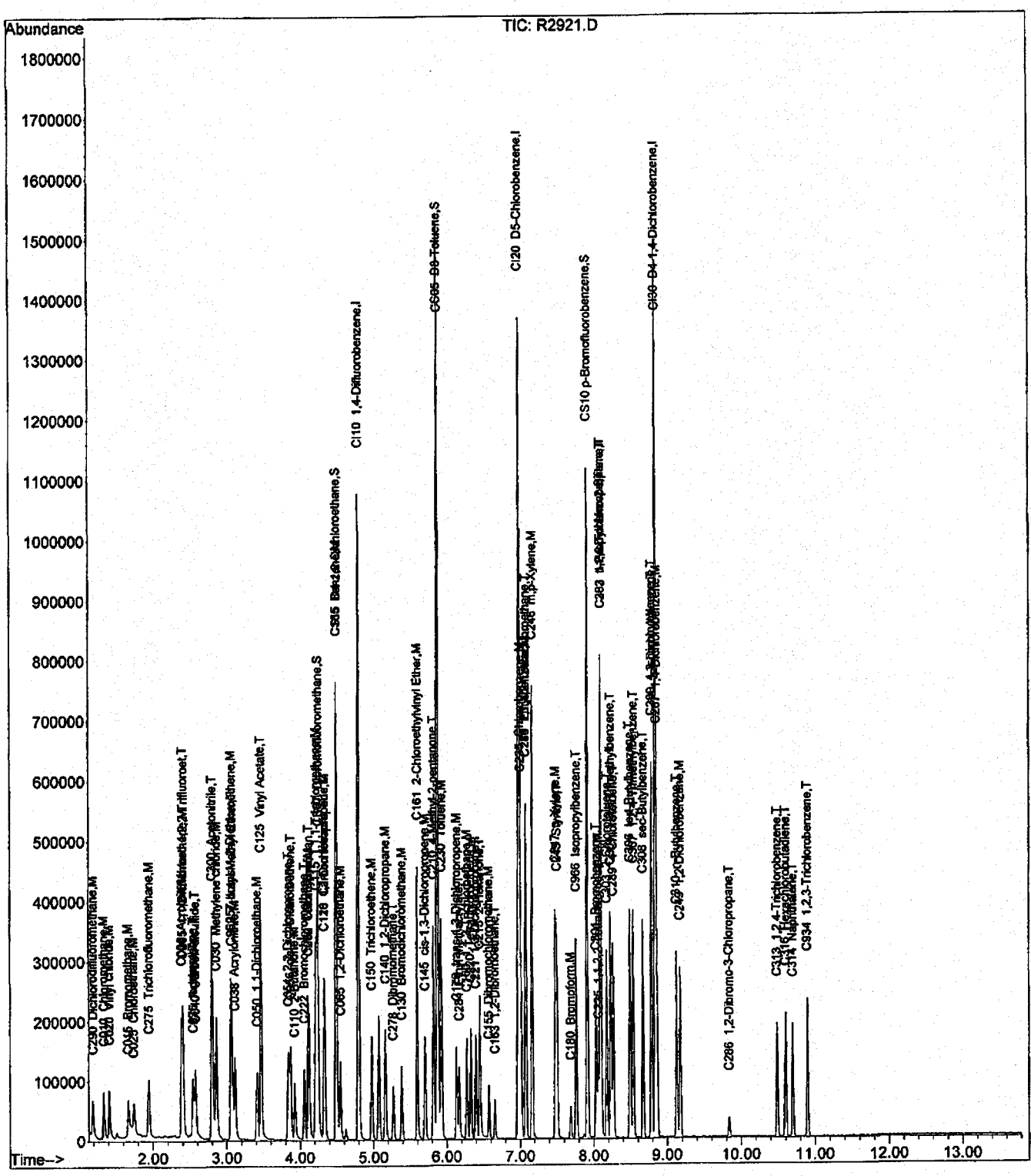
ICC Profile Code: A00153 VOLATILE 624 - 3 Point Curve (5,50,100) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3
904	74-88-4	Iodomethane	25.0000	250.0000	500.0000
905	80-62-6	Methyl methacrylate	25.0000	250.0000	500.0000
906	91-20-3	Naphthalene	25.0000	250.0000	500.0000
907	95-47-6	o-Xylene	25.0000	250.0000	500.0000
908	76-01-7	Pentachloroethane	25.0000	250.0000	500.0000
909	107-12-0	Propionitrile	25.0000	250.0000	500.0000
910	140-88-5	Ethyl acrylate	25.0000	250.0000	500.0000
911	75-56-9	Propylene Oxide	0.0000	250.0000	500.0000
912	110-86-1	Pyridine	0.0000	250.0000	500.0000
913	109-99-9	Tetrahydrofuran	125.0000	1250.0000	2500.0000
914	110-01-0	Tetrahydrothiophene	25.0000	250.0000	500.0000
915	75-69-4	Trichlorofluoromethane	25.0000	250.0000	500.0000
917	108-41-8	m-Chlorotoluene	25.0000	250.0000	500.0000
918	123-86-4	n-Butyl acetate	25.0000	250.0000	500.0000
919	104-51-8	n-Butylbenzene	25.0000	250.0000	500.0000
920	60-29-7	Ethyl ether	25.0000	250.0000	500.0000
921	142-82-5	Heptane	25.0000	250.0000	500.0000
922	110-54-3	Hexane	25.0000	250.0000	500.0000
923	109-60-4	n-Propyl acetate	25.0000	250.0000	500.0000
924	103-65-1	n-Propylbenzene	25.0000	250.0000	500.0000
925	O,M CLTOL	o,m-Chlorotoluene	0.0000	250.0000	500.0000
926	106-43-4	p-Chlorotoluene	25.0000	250.0000	500.0000
927	135-98-8	sec-Butylbenzene	25.0000	250.0000	500.0000
928	75-65-0	tert-Butyl Alcohol (TBA)	0.0000	250.0000	500.0000
929	1634-04-4	Methyl-t-Butyl Ether (MTBE)	25.0000	250.0000	500.0000
930	97-63-2	Ethyl methacrylate	25.0000	250.0000	500.0000
931	98-06-6	tert-Butylbenzene	25.0000	250.0000	500.0000
933	110-57-6	trans-1,4-Dichloro-2-butene	125.0000	1250.0000	2500.0000
940	87-68-3	Hexachlorobutadiene	25.0000	250.0000	500.0000
950	110-19-0	Isobutyl acetate	25.0000	250.0000	500.0000
960	108-20-3	Isopropyl Ether (DIPE)	25.0000	250.0000	500.0000
970	108-21-4	Isopropyl acetate	25.0000	250.0000	500.0000
980	98-82-8	Isopropylbenzene	25.0000	250.0000	500.0000
985	67-72-1	Hexachloroethane	25.0000	250.0000	500.0000
990	M/P XYLENE	m/p-Xylenes	50.0000	500.0000	1000.0000
991	108-38-3	m-Xylene	50.0000	500.0000	1000.0000
995	542-88-1	Bis(Chloromethyl) Ether (TIC)	25.0000	250.0000	500.0000
997	SU106-46-7	1,4-Dichlorobenzene-D4	150.0000	150.0000	150.0000

Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2921.D Vial: 4
Acq On : 6 Nov 2008 20:50 Operator: MF
Sample : VSTD005 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 06 21:21:32 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2921.D Vial: 4
Acq On : 6 Nov 2008 20:50 Operator: MF
Sample : VSTD005 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 21:21:32 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.79	114	579917	150.00	ng		0.00 NA%
40) CI20	D5-Chlorobenzene	6.99	117	541716	150.00	ng		0.00 NA%
60) CI30	D4-1,4-Dichlorobenze	8.85	152	280418	150.00	ng		0.00 NA%
System Monitoring Compounds								
29) CS87	Dibromofluoromethane	4.25	111	189561	125.50	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	100.40%			
30) CS15	D4-1,2-Dichloroethan	4.49	65	270970	150.88	ng		0.00
Spiked Amount	150.000	Range	88 - 132	Recovery =	100.59%			
41) CS05	D8-Toluene	5.88	98	763710	150.51	ng		0.00
Spiked Amount	150.000	Range	87 - 110	Recovery =	100.34%			
59) CS10	p-Bromofluorobenzene	7.91	95	296381	143.66	NG		0.00
Spiked Amount	150.000	Range	78 - 122	Recovery =	95.77%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.19	85	44815	26.36	ng		95
3) C010	Chloromethane	1.34	50	73109	28.22	ng		95
4) C020	Vinyl chloride	1.41	62	62616	27.69	ng		96
5) C015	Bromomethane	1.67	94	26797	26.92	ng		85
6) C025	Chloroethane	1.74	64	24849	26.93	ng		89
7) C275	Trichlorofluorometha	1.95	101	71403	26.23	ng		100
8) C045	1,1-Dichloroethene	2.41	96	36770	26.85	ng		97
9) C030	Methylene chloride	2.86	84	64089	31.32	ng	#	78
10) C040	Carbon disulfide	2.57	76	113215	24.06	ng		98
11) C036	Acrolein	2.38	56	71477	575.52	ng		97
12) C038	Acrylonitrile	3.11	53	84731	132.00	ng		92
13) C300	Acetonitrile	2.80	41	297099	1142.26	ng		96
14) C035	Acetone	2.54	43	73856	138.05	ng		93
15) C276	Iodomethane	2.54	142	37499	25.22	ng		97
16) C291	1,1,2-Trichloro-1,2,	2.40	101	31369	25.74	NG		97
17) C962	T-butyl Methyl Ether	3.07	73	118628	25.00	ng	#	89
18) C057	trans-1,2-Dichloroet	3.06	96	44311	26.83	ng		100
19) C050	1,1-Dichloroethane	3.41	63	92043	26.69	ng		99
20) C125	Vinyl Acetate	3.46	43	472180	142.98	ng	#	93
21) C051	2,2-Dichloropropane	3.84	77	70507	25.16	ng		98
22) C056	cis-1,2-Dichloroethe	3.87	96	45740	25.64	ng		99
23) C272	Tetrahydrofuran	4.11	42	62774	123.00	ng	#	75
24) C222	Bromochloromethane	4.06	128	20737	26.94	ng	#	73
25) C060	Chloroform	4.12	83	89870	26.58	ng		95
26) C115	1,1,1-Trichloroethan	4.22	97	75291	25.29	ng		95
27) C120	Carbon tetrachloride	4.32	117	61574	24.69	ng		99
28) C116	1,1-Dichloropropene	4.34	75	62193	25.36	ng		99
31) C165	Benzene	4.50	78	191378	26.86	ng		95
32) C065	1,2-Dichloroethane	4.55	62	76212	26.29	ng		94
33) C110	2-Butanone	3.92	43	102376	128.04	ng	#	85
34) C150	Trichloroethene	4.98	95	45675	26.22	ng		96
35) C140	1,2-Dichloropropane	5.16	63	51465	26.31	ng		100
36) C278	Dibromomethane	5.27	93	27117	26.54	ng		94
37) C130	Bromodichloromethane	5.38	83	61450	24.47	ng		97
38) C161	2-Chloroethylvinyl E	5.60	63	130511	124.63	ng	#	90

Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2921.D Vial: 4
Acq On : 6 Nov 2008 20:50 Operator: MF
Sample : VSTD005 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 21:21:32 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

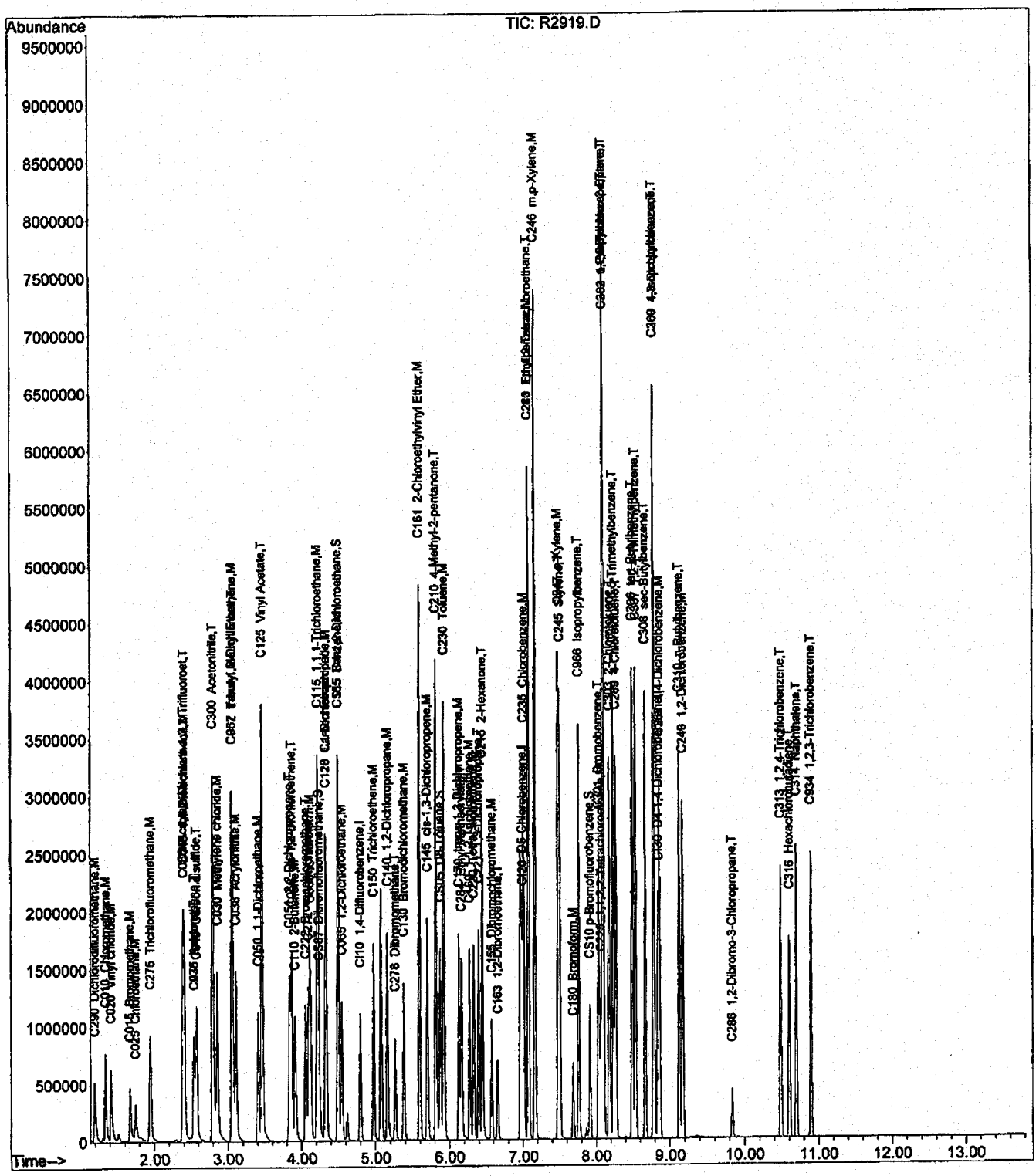
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloroprop	5.70	75	72834	24.13	ng		91
42) C230	Toluene	5.92	92	114008	25.82	ng		96
43) C170	trans-1,3-Dichloropr	6.13	75	61613	22.91	ng		95
44) C284	Ethyl Methacrylate	6.17	69	43434	21.59	ng	#	55
45) C160	1,1,2-Trichloroethan	6.27	83	33267	26.62	ng		97
46) C210	4-Methyl-2-pentanone	5.82	43	203312	126.82	ng	#	89
47) C220	Tetrachloroethene	6.33	166	37192	26.08	ng		91
48) C221	1,3-Dichloropropane	6.39	76	71101	25.79	ng		96
49) C155	Dibromochloromethane	6.58	129	37234	23.53	ng		91
50) C163	1,2-Dibromoethane	6.65	107	34204	24.65	ng		94
51) C215	2-Hexanone	6.45	43	135841	120.64	ng		91
52) C235	Chlorobenzene	7.01	112	121895	26.68	ng		99
53) C281	1,1,1,2-Tetrachloroe	7.08	131	39906	24.58	ng		95
54) C240	Ethylbenzene	7.07	91	209382	26.03	ng		99
55) C246	m,p-Xylene	7.17	106	153374	51.65	ng		98
56) C247	o-Xylene	7.48	106	71625	24.11	ng		99
57) C245	Styrene	7.50	104	120686	24.49	ng		96
58) C180	Bromoform	7.69	173	19692	21.96	ng		95
61) C966	Isopropylbenzene	7.76	105	163378	24.91	ng		95
62) C301	Bromobenzene	8.04	156	45331	26.31	ng		95
63) C225	1,1,2,2-Tetrachloroe	8.07	83	46894	26.70	ng		98
64) C282	1,2,3-Trichloropropa	8.10	75	109703	24.94	ng		74
65) C283	t-1,4-Dichloro-2-But	8.10	53	79163	127.96	ng	#	63
66) C302	n-Propylbenzene	8.10	91	235853	27.18	ng		98
67) C303	2-Chlorotoluene	8.18	126	43392	25.96	ng		100
68) C289	4-Chlorotoluene	8.27	126	42745	25.96	ng		100
69) C304	1,3,5-Trimethylbenze	8.23	105	164125	25.85	ng		98
70) C306	tert-Butylbenzene	8.50	134	30050	24.51	ng		100
71) C307	1,2,4-Trimethylbenze	8.54	105	165792	25.73	ng		98
72) C308	sec-Butylbenzene	8.67	105	197299	25.90	ng		97
73) C260	1,3-Dichlorobenzene	8.79	146	84291	27.16	ng		98
74) C309	4-Isopropyltoluene	8.79	119	148634	25.12	ng		99
75) C267	1,4-Dichlorobenzene	8.86	146	85857	26.83	ng		97
76) C249	1,2-Dichlorobenzene	9.17	146	82789	26.06	ng		98
77) C310	n-Butylbenzene	9.12	91	130461	24.39	ng		98
78) C286	1,2-Dibromo-3-Chloro	9.84	75	7596	22.47	ng		83
79) C313	1,2,4-Trichlorobenze	10.49	180	45028	23.81	ng		95
80) C316	Hexachlorobutadiene	10.60	225	33063	30.00	ng		98
81) C314	Naphthalene	10.70	128	111584	22.45	ng		100
82) C934	1,2,3-Trichlorobenze	10.90	180	52857	25.99	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2919.D Vial: 2
Acq On : 6 Nov 2008 19:57 Operator: MF
Sample : VSTD050 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 06 21:20:56 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2919.D Vial: 2
Acq On : 6 Nov 2008 19:57 Operator: MF
Sample : VSTD050 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 21:20:56 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.80	114	621320	150.00	ng		0.00 NA%
40) CI20	D5-Chlorobenzene	6.99	117	577119	150.00	ng		0.00 NA%
60) CI30	D4-1,4-Dichlorobenze	8.84	152	302017	150.00	ng		0.00 NA%
System Monitoring Compounds								
29) CS87	Dibromofluoromethane	4.25	111	199684	123.39	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	98.71%			
30) CS15	D4-1,2-Dichloroethan	4.49	65	283055	147.11	ng		0.00
Spiked Amount	150.000	Range	88 - 132	Recovery =	98.07%			
41) CS05	D8-Toluene	5.88	98	815677	150.89	ng		0.00
Spiked Amount	150.000	Range	87 - 110	Recovery =	100.59%			
59) CS10	p-Bromofluorobenzene	7.91	95	326098	148.37	NG		0.00
Spiked Amount	150.000	Range	78 - 122	Recovery =	98.91%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.19	85	431839	237.11	ng		97
3) C010	Chloromethane	1.34	50	649414	233.99	ng		99
4) C020	Vinyl chloride	1.41	62	585739	241.74	ng		97
5) C015	Bromomethane	1.67	94	249837	234.29	ng		97
6) C025	Chloroethane	1.75	64	231601	234.29	ng		84
7) C275	Trichlorofluorometha	1.95	101	688495	236.08	ng		96
8) C045	1,1-Dichloroethene	2.41	96	352229	240.10	ng		94
9) C030	Methylene chloride	2.86	84	488268	222.69	ng	#	75
10) C040	Carbon disulfide	2.57	76	1220618	242.16	ng		98
11) C036	Acrolein	2.38	56	675891	5079.48	ng		98
12) C038	Acrylonitrile	3.11	53	853366	1240.86	ng		97
13) C300	Acetonitrile	2.80	41	2717056	9750.17	ng		97
14) C035	Acetone	2.54	43	676917	1180.95	ng		94
15) C276	Iodomethane	2.55	142	401909	252.31	ng		99
16) C291	1,1,2-Trichloro-1,2,	2.39	101	315519	241.68	NG		98
17) C962	T-butyl Methyl Ether	3.07	73	1293791	254.50	ng	#	90
18) C057	trans-1,2-Dichloroet	3.06	96	428831	242.35	ng		90
19) C050	1,1-Dichloroethane	3.41	63	896972	242.79	ng		99
20) C125	Vinyl Acetate	3.46	43	4644404	1312.61	ng		97
21) C051	2,2-Dichloropropane	3.84	77	734616	244.68	ng		100
22) C056	cis-1,2-Dichloroethe	3.87	96	470612	246.27	ng		98
23) C272	Tetrahydrofuran	4.09	42	699274	1278.87	ng	#	78
24) C222	Bromochloromethane	4.06	128	200309	242.85	ng	#	65
25) C060	Chloroform	4.12	83	868489	239.78	ng		98
26) C115	1,1,1-Trichloroethan	4.22	97	777374	243.73	ng		97
27) C120	Carbon tetrachloride	4.32	117	648703	242.78	ng		97
28) C116	1,1-Dichloropropene	4.34	75	645565	245.71	ng		100
31) C165	Benzene	4.50	78	1872386	245.25	ng		97
32) C065	1,2-Dichloroethane	4.55	62	740746	238.53	ng		99
33) C110	2-Butanone	3.91	43	1072190	1251.63	ng	#	86
34) C150	Trichloroethene	4.98	95	448799	240.49	ng		98
35) C140	1,2-Dichloropropane	5.16	63	506740	241.78	ng		98
36) C278	Dibromomethane	5.27	93	263699	240.85	ng		96
37) C130	Bromodichloromethane	5.38	83	666391	247.65	ng		99
38) C161	2-Chloroethylvinyl E	5.60	63	1445546	1288.39	ng	#	88

Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2919.D Vial: 2
Acq On : 6 Nov 2008 19:57 Operator: MF
Sample : VSTD050 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 21:20:56 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

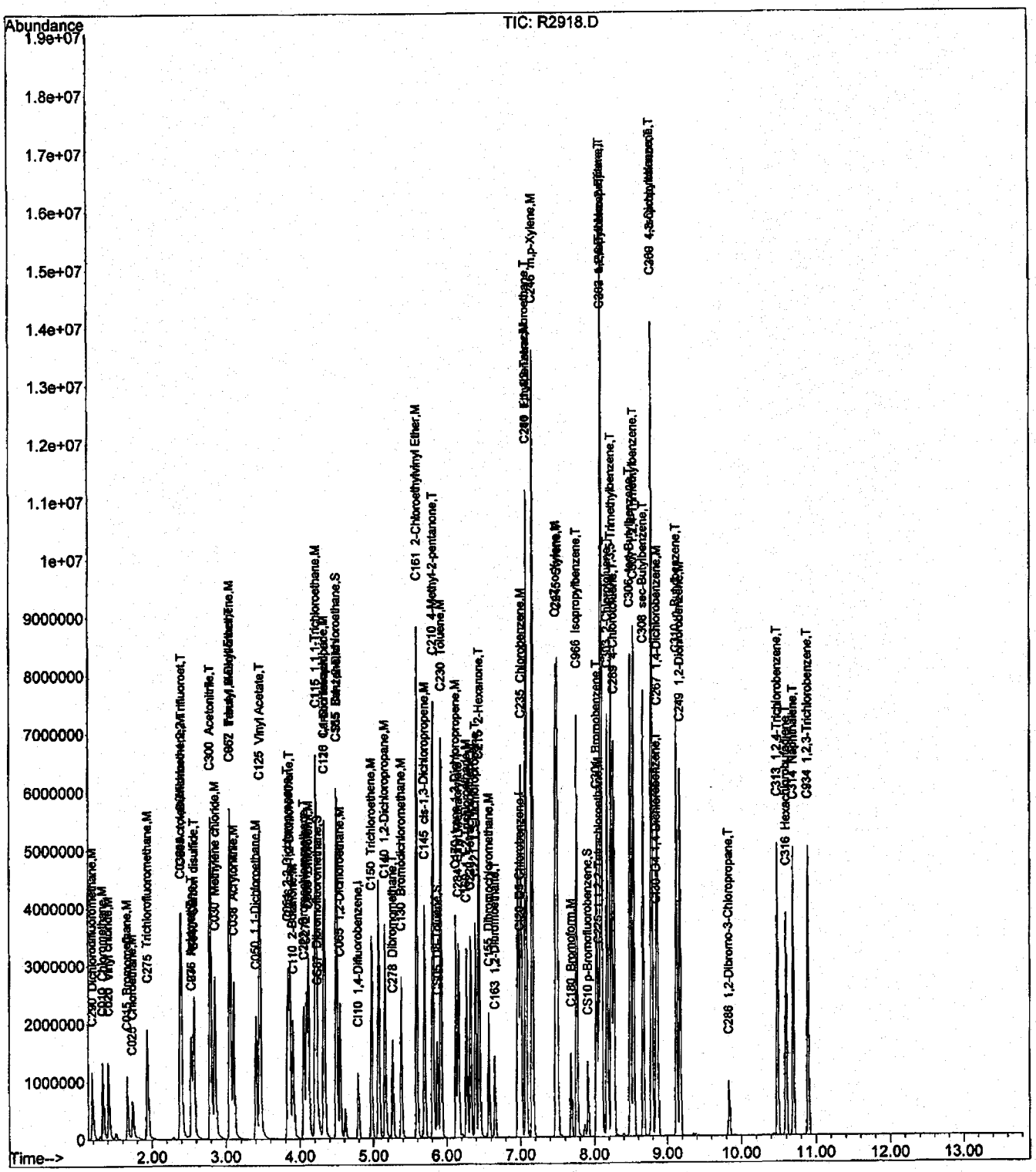
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloroprop	5.70	75	807828	249.77	ng		98
42) C230	Toluene	5.92	92	1173956	249.60	ng		98
43) C170	trans-1,3-Dichloropr	6.13	75	737113	257.24	ng		99
44) C284	Ethyl Methacrylate	6.16	69	574507	268.08	ng	#	59
45) C160	1,1,2-Trichloroethan	6.27	83	322743	242.39	ng		98
46) C210	4-Methyl-2-pentanone	5.82	43	2239149	1310.99	ng		95
47) C220	Tetrachloroethene	6.33	166	366348	241.12	ng		97
48) C221	1,3-Dichloropropane	6.39	76	724559	246.72	ng		100
49) C155	Dibromochloromethane	6.58	129	423973	251.48	ng		99
50) C163	1,2-Dibromoethane	6.65	107	370894	250.87	ng		97
51) C215	2-Hexanone	6.44	43	1564354	1304.09	ng		93
52) C235	Chlorobenzene	7.01	112	1180318	242.51	ng		99
53) C281	1,1,1,2-Tetrachloroe	7.08	131	432311	249.98	ng		97
54) C240	Ethylbenzene	7.07	91	2172923	253.60	ng		98
55) C246	m,p-Xylene	7.17	106	1574236	497.64	ng		88
56) C247	o-Xylene	7.48	106	789177	249.36	ng		99
57) C245	Styrene	7.50	104	1320064	251.39	ng		99
58) C180	Bromoform	7.69	173	241665	252.98	ng		95
61) C966	Isopropylbenzene	7.76	105	1878641	265.94	ng		99
62) C301	Bromobenzene	8.04	156	466856	251.62	ng		93
63) C225	1,1,2,2-Tetrachloroe	8.07	83	477281	252.28	ng		97
64) C282	1,2,3-Trichloropropa	8.10	75	1244391	262.68	ng	#	73
65) C283	t-1,4-Dichloro-2-But	8.10	53	850111	1275.90	ng	#	71
66) C302	n-Propylbenzene	8.10	91	2452068	262.36	ng		97
67) C303	2-Chlorotoluene	8.18	126	454768	252.65	ng		100
68) C289	4-Chlorotoluene	8.27	126	443822	250.25	ng		100
69) C304	1,3,5-Trimethylbenze	8.24	105	1770627	258.91	ng		100
70) C306	tert-Butylbenzene	8.50	134	342944	259.75	ng		100
71) C307	1,2,4-Trimethylbenze	8.54	105	1804770	260.04	ng		97
72) C308	sec-Butylbenzene	8.67	105	2161961	263.52	ng		100
73) C260	1,3-Dichlorobenzene	8.79	146	821261	245.70	ng		98
74) C309	4-Isopropyltoluene	8.79	119	1655120	259.75	ng		100
75) C267	1,4-Dichlorobenzene	8.86	146	841017	244.02	ng		95
76) C249	1,2-Dichlorobenzene	9.17	146	856198	250.27	ng		97
77) C310	n-Butylbenzene	9.12	91	1509249	261.95	ng		98
78) C286	1,2-Dibromo-3-Chloro	9.84	75	95114	261.27	ng	#	78
79) C313	1,2,4-Trichlorobenze	10.49	180	528701	259.55	ng		98
80) C316	Hexachlorobutadiene	10.60	225	271294	228.53	ng		98
81) C314	Naphthalene	10.70	128	1513967	282.83	ng		100
82) C934	1,2,3-Trichlorobenze	10.89	180	568104	259.35	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2918.D Vial: 1
Acq On : 6 Nov 2008 19:30 Operator: MF
Sample : VSTD100 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 06 21:21:14 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2918.D Vial: 1
Acq On : 6 Nov 2008 19:30 Operator: MF
Sample : VSTD100 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 21:21:14 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.79	114	601667	150.00	ng		0.00 NA%
40) CI20 D5-Chlorobenzene	6.99	117	577133	150.00	ng		0.00 NA%
60) CI30 D4-1,4-Dichlorobenze	8.84	152	340429	150.00	ng		0.00 NA%
System Monitoring Compounds							
29) CS87 Dibromofluoromethane	4.25	111	197621	126.11	ng		0.00
Spiked Amount 125.000 Range 70 - 130 Recovery = 100.89%							
30) CS15 D4-1,2-Dichloroethan	4.49	65	283231	152.01	ng		0.00
Spiked Amount 150.000 Range 88 - 132 Recovery = 101.34%							
41) CS05 D8-Toluene	5.88	98	803379	148.61	ng		0.00
Spiked Amount 150.000 Range 87 - 110 Recovery = 99.07%							
59) CS10 p-Bromofluorobenzene	7.91	95	347216	157.97	NG		0.00
Spiked Amount 150.000 Range 78 - 122 Recovery = 105.31%							
Target Compounds							Qvalue
2) C290 Dichlorodifluorometh	1.19	85	879204	498.51	ng		100
3) C010 Chloromethane	1.33	50	1256630	467.57	ng		99
4) C020 Vinyl chloride	1.41	62	1085912	462.80	ng		97
5) C015 Bromomethane	1.67	94	509051	492.96	ng		99
6) C025 Chloroethane	1.74	64	471690	492.76	ng		86
7) C275 Trichlorofluorometha	1.94	101	1421096	503.20	ng		97
8) C045 1,1-Dichloroethene	2.40	96	685792	482.74	ng	#	85
9) C030 Methylene chloride	2.86	84	909406	428.30	ng	#	77
10) C040 Carbon disulfide	2.57	76	2608322	534.38	ng		100
11) C036 Acrolein	2.38	56	1073441	8330.68	ng		98
12) C038 Acrylonitrile	3.11	53	1583852	2378.26	ng		97
13) C300 Acetonitrile	2.80	41	4764122	17654.50	ng		97
14) C035 Acetone	2.53	43	1319464	2377.13	ng		96
15) C276 Iodomethane	2.54	142	757274	490.93	ng		95
16) C291 1,1,2-Trichloro-1,2,	2.39	101	634357	501.77	NG		97
17) C962 T-butyl Methyl Ether	3.06	73	2417141	490.99	ng	#	90
18) C057 trans-1,2-Dichloroet	3.05	96	820283	478.71	ng	#	88
19) C050 1,1-Dichloroethane	3.41	63	1719357	480.58	ng		98
20) C125 Vinyl Acetate	3.46	43	6903390	2014.78	ng	#	91
21) C051 2,2-Dichloropropane	3.84	77	1475296	507.43	ng		99
22) C056 cis-1,2-Dichloroethe	3.87	96	915252	494.59	ng		97
23) C272 Tetrahydrofuran	4.09	42	1314328	2482.23	ng	#	79
24) C222 Bromochloromethane	4.06	128	379862	475.58	ng	#	66
25) C060 Chloroform	4.12	83	1714408	488.78	ng		99
26) C115 1,1,1-Trichloroethan	4.22	97	1565081	506.72	ng		96
27) C120 Carbon tetrachloride	4.32	117	1347201	520.66	ng		96
28) C116 1,1-Dichloropropene	4.34	75	1275559	501.35	ng		98
31) C165 Benzene	4.50	78	3492445	472.38	ng		93
32) C065 1,2-Dichloroethane	4.54	62	1494742	497.06	ng		99
33) C110 2-Butanone	3.90	43	2020694	2435.92	ng	#	84
34) C150 Trichloroethene	4.98	95	893773	494.57	ng		98
35) C140 1,2-Dichloropropane	5.16	63	994982	490.25	ng		100
36) C278 Dibromomethane	5.27	93	516945	487.58	ng		98
37) C130 Bromodichloromethane	5.38	83	1342942	515.37	ng		99
38) C161 2-Chloroethylvinyl E	5.60	63	2640880	2430.66	ng	#	86

Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2918.D Vial: 1
Acq On : 6 Nov 2008 19:30 Operator: MF
Sample : VSTD100 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 21:21:14 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloroprop	5.70	75	1622056	517.91	ng		98
42) C230	Toluene	5.92	92	2278026	484.33	ng		89
43) C170	trans-1,3-Dichloropr	6.13	75	1511179	527.37	ng		99
44) C284	Ethyl Methacrylate	6.16	69	1140138	532.00	ng	#	59
45) C160	1,1,2-Trichloroethan	6.27	83	642970	482.88	ng		99
46) C210	4-Methyl-2-pentanone	5.82	43	3999677	2341.70	ng		97
47) C220	Tetrachloroethene	6.33	166	753927	496.20	ng		93
48) C221	1,3-Dichloropropane	6.39	76	1441058	490.69	ng		100
49) C155	Dibromochloromethane	6.58	129	887602	526.47	ng		98
50) C163	1,2-Dibromoethane	6.65	107	747127	505.33	ng		96
51) C215	2-Hexanone	6.44	43	2973790	2478.98	ng		96
52) C235	Chlorobenzene	7.01	112	2342964	481.37	ng		95
53) C281	1,1,1,2-Tetrachloroe	7.08	131	879169	508.36	ng		97
54) C240	Ethylbenzene	7.07	91	4045280	472.11	ng		88
55) C246	m,p-Xylene	7.17	106	3073807	971.66	ng	#	61
56) C247	o-Xylene	7.48	106	1642847	519.08	ng	#	87
57) C245	Styrene	7.50	104	2665061	507.52	ng		93
58) C180	Bromoform	7.69	173	530004	554.81	ng		96
61) C966	Isopropylbenzene	7.76	105	3742018	469.95	ng		96
62) C301	Bromobenzene	8.04	156	983921	470.47	ng		92
63) C225	1,1,2,2-Tetrachloroe	8.07	83	984231	461.53	ng		99
64) C282	1,2,3-Trichloropropa	8.10	75	2540736	475.81	ng	#	72
65) C283	t-1,4-Dichloro-2-But	8.10	53	1794152	2388.93	ng	#	69
66) C302	n-Propylbenzene	8.10	91	4547891	431.70	ng		92
67) C303	2-Chlorotoluene	8.18	126	964652	475.44	ng		100
68) C289	4-Chlorotoluene	8.27	126	960278	480.35	ng		100
69) C304	1,3,5-Trimethylbenze	8.24	105	3586438	465.25	ng		93
70) C306	tert-Butylbenzene	8.50	134	729550	490.23	ng		100
71) C307	1,2,4-Trimethylbenze	8.54	105	3640339	465.34	ng		94
72) C308	sec-Butylbenzene	8.67	105	4207046	454.94	ng		90
73) C260	1,3-Dichlorobenzene	8.79	146	1753375	465.38	ng		95
74) C309	4-Isopropyltoluene	8.79	119	3433550	478.05	ng		94
75) C267	1,4-Dichlorobenzene	8.86	146	1846584	475.34	ng		95
76) C249	1,2-Dichlorobenzene	9.17	146	1844094	478.21	ng		94
77) C310	n-Butylbenzene	9.12	91	3171705	488.37	ng		100
78) C286	1,2-Dibromo-3-Chloro	9.84	75	216656	527.99	ng	#	78
79) C313	1,2,4-Trichlorobenze	10.49	180	1158892	504.73	ng		100
80) C316	Hexachlorobutadiene	10.60	225	592799	443.01	ng		99
81) C314	Naphthalene	10.70	128	2928387	485.33	ng		100
82) C934	1,2,3-Trichlorobenze	10.90	180	1139547	461.52	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

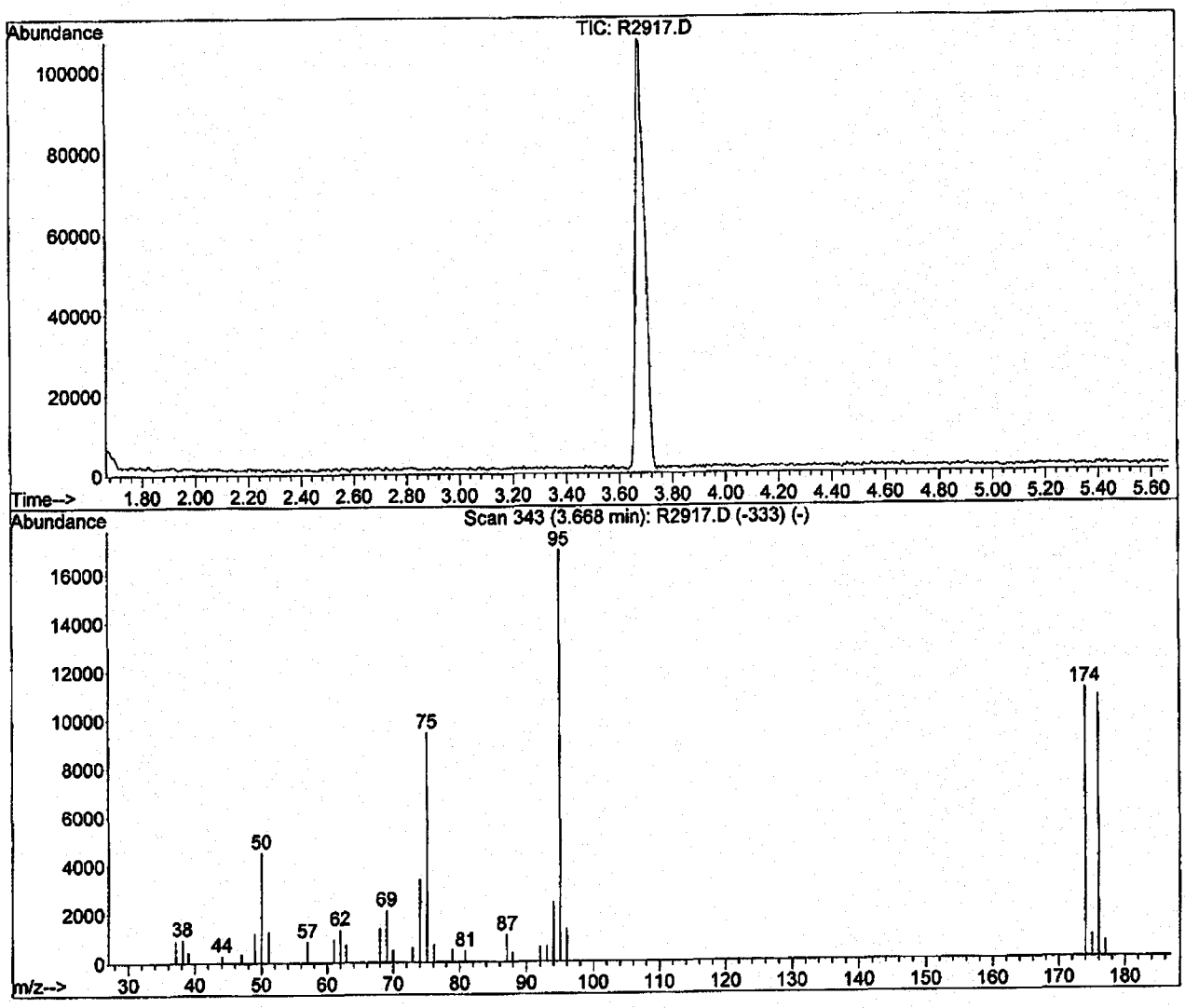
Raw QC Data

BFB

Data File : C:\MSDChem\2\DATA\110608\R2917.D
Acq On : 6 Nov 2008 19:00
Sample : 1106BFBR1
Misc :
MS Integration Params: NA

Vial: 43
Operator: MF
Inst : HP5973R
Multiplr: 1.00

Method : C:\MSDCHEM\2\MET...624\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Tue Nov 04 21:36:51 2008
Response via : Initial Calibration



Spectrum Information: Scan 343

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.8	4537	PASS
75	95	30	60	55.7	9447	PASS
95	95	100	100	100.0	16952	PASS
96	95	5	9	8.0	1352	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	65.3	11074	PASS
175	174	5	9	8.2	907	PASS
176	174	95	101	97.6	10803	PASS
177	176	5	9	6.1	664	PASS

Scan 343 (3.668 min): R2917.D (-333)
1106BFBR1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.10	894	62.90	741	87.90	401		
38.10	966	68.00	1393	92.00	621		
39.00	432	69.00	2136	93.10	663		
44.10	299	70.00	522	94.00	2443		
47.00	363	72.90	614	95.00	16952		
49.00	1199	74.00	3416	96.00	1352		
50.00	4537	75.10	9447	174.00	11074		
51.10	1258	76.10	735	175.00	907		
57.00	882	78.90	522	176.00	10803		
61.00	949	80.90	462	177.00	664		
62.00	1361	87.10	1129				

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

VBLK13

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8B2563402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2925.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

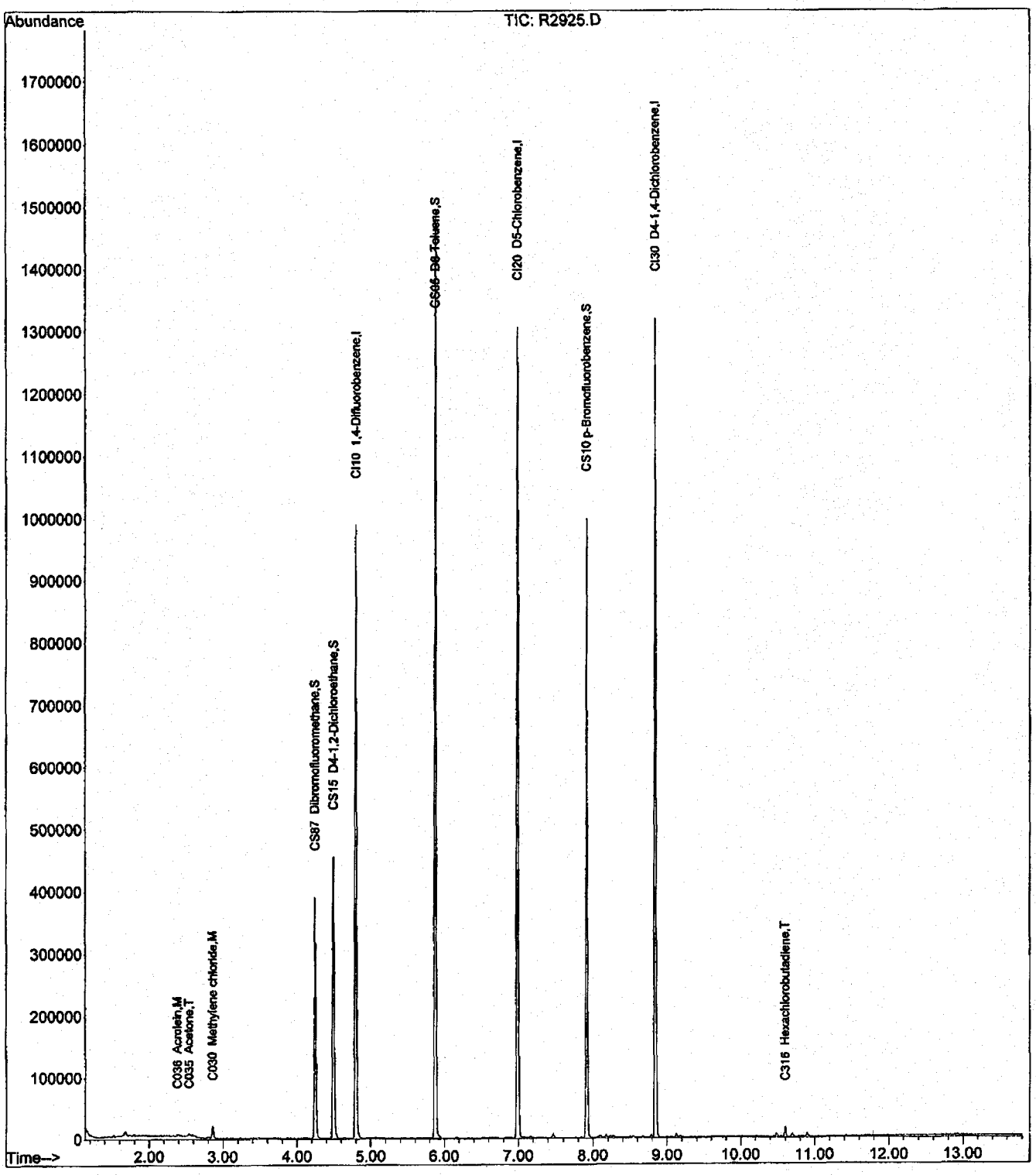
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	11	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	1.5	U

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDChem\2\DATA\110608\R2925.D Vial: 8
Acq On : 6 Nov 2008 22:55 Operator: MF
Sample : VBLK13 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 06 23:09:28 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDChem\2\DATA\110608\R2925.D Vial: 8
Acq On : 6 Nov 2008 22:55 Operator: MF
Sample : VBLK13 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 23:09:28 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

STE 11/6/08 NO TIC NO BDD

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.80	114	538302	150.00	ng		0.00 NA%
40) CI20	D5-Chlorobenzene	6.99	117	489712	150.00	ng		0.00 NA%
60) CI30	D4-1,4-Dichlorobenze	8.84	152	241576	150.00	ng		0.00 NA%
System Monitoring Compounds								
29) CS87	Dibromofluoromethane	4.25	111	180021	128.40	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	102.72%		
30) CS15	D4-1,2-Dichloroethan	4.50	65	261438	156.83	ng		0.00
Spiked Amount	150.000	Range	88 - 132	Recovery	=	104.55%		
41) CS05	D8-Toluene	5.88	98	684240	149.16	ng		0.00
Spiked Amount	150.000	Range	87 - 110	Recovery	=	99.44%		
59) CS10	p-Bromofluorobenzene	7.91	95	266163	142.71	NG		0.00
Spiked Amount	150.000	Range	78 - 122	Recovery	=	95.14%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.			
3) C010	Chloromethane	1.34	50	342	N.D.			
4) C020	Vinyl chloride	0.00	62	0	N.D.			
5) C015	Bromomethane	1.67	94	923	N.D.			
6) C025	Chloroethane	0.00	64	0	N.D.			
7) C275	Trichlorofluoromet	0.00	101	0	N.D.			
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.			
9) C030	Methylene chloride	2.86	84	6973	3.67	ng	#	80
10) C040	Carbon disulfide	2.58	76	811	N.D.			
11) C036	Acrolein	2.38	56	2670	23.16	ng	#	71
12) C038	Acrylonitrile	0.00	53	0	N.D.			
13) C300	Acetonitrile	2.80	41	1605	N.D.			
14) C035	Acetone	2.54	43	2969	5.98	ng	#	45
15) C276	Iodomethane	2.55	142	1276	N.D.			
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.			
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.			
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.			
19) C050	1,1-Dichloroethane	0.00	63	0	N.D.			
20) C125	Vinyl Acetate	3.47	43	598	N.D.			
21) C051	2,2-Dichloropropan	0.00	77	0	N.D.			
22) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.			
23) C272	Tetrahydrofuran	0.00	42	0	N.D.			
24) C222	Bromochloromethane	0.00	128	0	N.D.			
25) C060	Chloroform	4.12	83	379	N.D.			
26) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.			
27) C120	Carbon tetrachlori	0.00	117	0	N.D.			
28) C116	1,1-Dichloropropen	0.00	75	0	N.D.			
31) C165	Benzene	4.51	78	1178	N.D.			
32) C065	1,2-Dichloroethane	4.56	62	279	N.D.			
33) C110	2-Butanone	0.00	43	0	N.D.			
34) C150	Trichloroethene	0.00	95	0	N.D.			
35) C140	1,2-Dichloropropan	0.00	63	0	N.D.			
36) C278	Dibromomethane	0.00	93	0	N.D.			
37) C130	Bromodichlorometha	0.00	83	0	N.D.			
38) C161	2-Chloroethylvinyl	0.00	63	0	N.D.			

BELOW REPORTING LIMIT mm 11/12/2008

mm 11/12/2008

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDChem\2\DATA\110608\R2925.D Vial: 8
Acq On : 6 Nov 2008 22:55 Operator: MF
Sample : VBLK13 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 23:09:28 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
42) C230	Toluene	5.92	92	531	N.D.		
43) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
44) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
45) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
46) C210	4-Methyl-2-pentano	5.88	43	3701	N.D.		
47) C220	Tetrachloroethene	6.33	166	363	N.D.		
48) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
49) C155	Dibromochlorometha	0.00	129	0	N.D.		
50) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
51) C215	2-Hexanone	0.00	43	0	N.D.		
52) C235	Chlorobenzene	7.01	112	1183	N.D.		
53) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
54) C240	Ethylbenzene	7.07	91	1405	N.D.		
55) C246	m,p-Xylene	7.16	106	673	N.D.		
56) C247	o-Xylene	0.00	106	0	N.D.		
57) C245	Styrene	7.51	104	316	N.D.		
58) C180	Bromoform	0.00	173	0	N.D.		
61) C966	Isopropylbenzene	7.77	105	316	N.D.		
62) C301	Bromobenzene	8.04	156	135	N.D.		
63) C225	1,1,2,2-Tetrachlor	8.07	83	134	N.D.		
64) C282	1,2,3-Trichloropro	0.00	75	0	N.D.	d	
65) C283	t-1,4-Dichloro-2-B	8.11	53	356	N.D.		
66) C302	n-Propylbenzene	8.09	91	2020	N.D.		
67) C303	2-Chlorotoluene	8.18	126	576	N.D.		
68) C289	4-Chlorotoluene	8.27	126	591	N.D.		
69) C304	1,3,5-Trimethylben	8.23	105	1099	N.D.		
70) C306	tert-Butylbenzene	0.00	134	0	N.D.		
71) C307	1,2,4-Trimethylben	8.54	105	1219	N.D.		
72) C308	sec-Butylbenzene	8.67	105	1896	N.D.		
73) C260	1,3-Dichlorobenzen	8.80	146	1047	N.D.		
74) C309	4-Isopropyltoluene	8.79	119	1674	N.D.		
75) C267	1,4-Dichlorobenzen	8.86	146	2199	N.D.		
76) C249	1,2-Dichlorobenzen	9.18	146	1064	N.D.		
77) C310	n-Butylbenzene	9.12	91	2923	N.D.		
78) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
79) C313	1,2,4-Trichloroben	10.49	180	1677	N.D.		
80) C316	Hexachlorobutadiene	10.60	225	3346	3.52	ng	86
81) C314	Naphthalene	10.70	128	4715	N.D.		
82) C934	1,2,3-Trichloroben	10.90	180	2155	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

MSB13

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8B2563401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2923.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

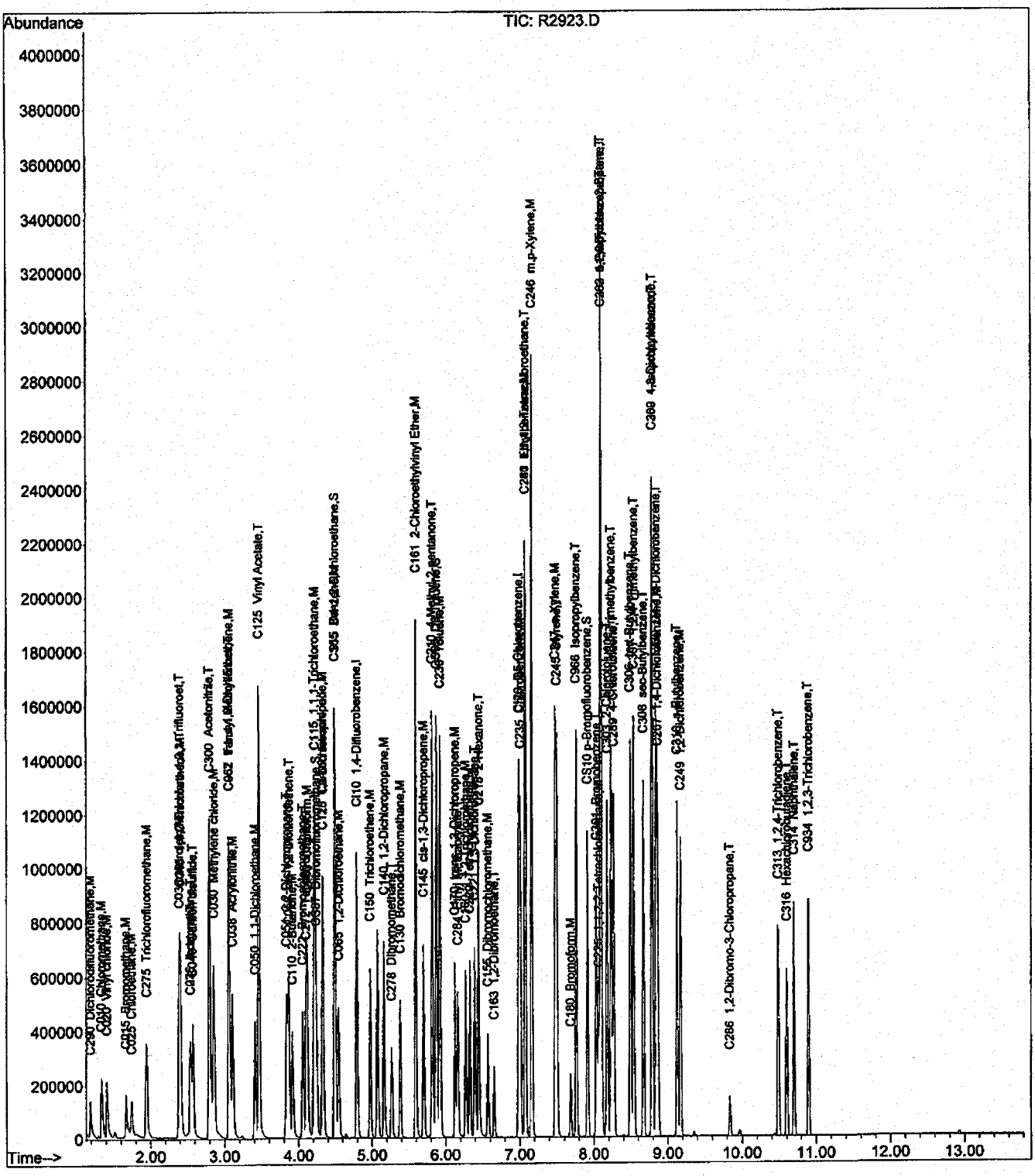
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	96	
75-34-3	1,1-Dichloroethane	21	
107-06-2	1,2-Dichloroethane	20	
79-01-6	Trichloroethene	20	

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2923.D Vial: 6
Acq On : 6 Nov 2008 22:01 Operator: MF
Sample : LCS Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 06 22:25:59 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2923.D Vial: 6
Acq On : 6 Nov 2008 22:01 Operator: MF
Sample : LCS Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 22:25:59 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.79	114	573572	150.00	ng		0.00 NA%
40) CI20	D5-Chlorobenzene	6.99	117	521928	150.00	ng		0.00 NA%
60) CI30	D4-1,4-Dichlorobenze	8.84	152	280496	150.00	ng		0.00 NA%
System Monitoring Compounds								
29) CS87	Dibromofluoromethane	4.25	111	189140	126.61	ng		0.00
Spiked Amount	125.000 Range	70 - 130		Recovery =	101.29%			
30) CS15	D4-1,2-Dichloroethan	4.50	65	267111	150.38	ng		0.00
Spiked Amount	150.000 Range	88 - 132		Recovery =	100.25%			
41) CS05	D8-Toluene	5.88	98	756619	154.76	ng		0.00
Spiked Amount	150.000 Range	87 - 110		Recovery =	103.17%			
59) CS10	p-Bromofluorobenzene	7.91	95	299192	150.52	NG		0.00
Spiked Amount	150.000 Range	78 - 122		Recovery =	100.35%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.19	85	119017	70.79	ng		98
3) C010	Chloromethane	1.34	50	240389	93.83	ng		98
4) C020	Vinyl chloride	1.41	62	190976	85.38	ng		100
5) C015	Bromomethane	1.67	94	87351	88.73	ng		97
6) C025	Chloroethane	1.75	64	83527	91.53	ng		91
7) C275	Trichlorofluorometha	1.95	101	260933	96.92	ng		95
8) C045	1,1-Dichloroethene	2.41	96	129128	95.35	ng	#	88
9) C030	Methylene chloride	2.86	84	199835	98.73	ng	#	73
10) C040	Carbon disulfide	2.57	76	429560	92.32	ng		100
11) C036	Acrolein	2.38	56	235869	1920.18	ng		99
12) C038	Acrylonitrile	3.11	53	319317	502.96	ng		95
13) C300	Acetonitrile	2.80	41	1066485	4145.68	ng		97
14) C035	Acetone	2.54	43	253126	478.37	ng		96
15) C276	Iodomethane	2.55	142	159615	108.55	ng		95
16) C291	1,1,2-Trichloro-1,2,	2.40	101	116305	96.50	NG		96
17) C962	T-butyl Methyl Ether	3.07	73	454055	96.75	ng	#	88
18) C057	trans-1,2-Dichloroet	3.06	96	161183	98.67	ng		90
19) C050	1,1-Dichloroethane	3.41	63	352240	103.28	ng		100
20) C125	Vinyl Acetate	3.46	43	1900200	581.78	ng	#	93
21) C051	2,2-Dichloropropane	3.84	77	265110	95.65	ng		96
22) C056	cis-1,2-Dichloroethe	3.87	96	181070	102.64	ng		100
23) C272	Tetrahydrofuran	4.10	42	252257	499.75	ng	#	78
24) C222	Bromochloromethane	4.06	128	77683	102.02	ng	#	64
25) C060	Chloroform	4.12	83	341103	102.01	ng		99
26) C115	1,1,1-Trichloroethan	4.22	97	287114	97.51	ng		96
27) C120	Carbon tetrachloride	4.32	117	237135	96.14	ng		100
28) C116	1,1-Dichloropropene	4.34	75	232872	96.01	ng		95
31) C165	Benzene	4.50	78	730819	103.69	ng		99
32) C065	1,2-Dichloroethane	4.55	62	294999	102.90	ng		100
33) C110	2-Butanone	3.92	43	397825	503.06	ng	#	84
34) C150	Trichloroethene	4.98	95	169758	98.54	ng		98
35) C140	1,2-Dichloropropane	5.16	63	196361	101.49	ng		98
36) C278	Dibromomethane	5.27	93	100235	99.17	ng		96
37) C130	Bromodichloromethane	5.38	83	246224	99.12	ng		100
38) C161	2-Chloroethylvinyl E	5.60	63	571928	552.19	ng	#	88

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2923.D Vial: 6
Acq On : 6 Nov 2008 22:01 Operator: MF
Sample : LCS Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 22:25:59 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloroprop	5.70	75	295861	99.09	ng		99
42) C230	Toluene	5.92	92	446324	104.93	ng		99
43) C170	trans-1,3-Dichloropr	6.13	75	266210	102.73	ng		98
44) C284	Ethyl Methacrylate	6.17	69	198340	102.34	ng	#	59
45) C160	1,1,2-Trichloroethan	6.27	83	122594	101.81	ng		96
46) C210	4-Methyl-2-pentanone	5.82	43	847536	548.69	ng		92
47) C220	Tetrachloroethene	6.33	166	133943	97.48	ng		91
48) C221	1,3-Dichloropropane	6.39	76	276085	103.95	ng		98
49) C155	Dibromochloromethane	6.57	129	157636	103.39	ng		97
50) C163	1,2-Dibromoethane	6.65	107	136033	101.74	ng		98
51) C215	2-Hexanone	6.45	43	569365	524.83	ng		92
52) C235	Chlorobenzene	7.01	112	454292	103.21	ng		100
53) C281	1,1,1,2-Tetrachloroe	7.08	131	163391	104.47	ng		98
54) C240	Ethylbenzene	7.07	91	824578	106.41	ng		98
55) C246	m,p-Xylene	7.17	106	597103	208.71	ng		99
56) C247	o-Xylene	7.48	106	295772	103.34	ng		97
57) C245	Styrene	7.50	104	499764	105.24	ng		98
58) C180	Bromoform	7.69	173	83922	97.14	ng		98
61) C966	Isopropylbenzene	7.76	105	761138	116.01	ng		97
62) C301	Bromobenzene	8.04	156	175053	101.59	ng		91
63) C225	1,1,2,2-Tetrachloroe	8.07	83	175575	99.92	ng		98
64) C282	1,2,3-Trichloropropa	8.10	75	494774	112.46	ng	#	73
65) C283	t-1,4-Dichloro-2-But	8.10	53	344620	556.91	ng	#	69
66) C302	n-Propylbenzene	8.10	91	945960	108.98	ng		95
67) C303	2-Chlorotoluene	8.18	126	169001	101.09	ng		100
68) C289	4-Chlorotoluene	8.27	126	170584	103.56	ng		100
69) C304	1,3,5-Trimethylbenze	8.24	105	656448	103.35	ng		98
70) C306	tert-Butylbenzene	8.50	134	121888	99.40	ng		100
71) C307	1,2,4-Trimethylbenze	8.54	105	662445	102.77	ng		97
72) C308	sec-Butylbenzene	8.67	105	720870	94.61	ng		98
73) C260	1,3-Dichlorobenzene	8.79	146	311994	100.50	ng		97
74) C309	4-Isopropyltoluene	8.79	119	616519	104.18	ng		98
75) C267	1,4-Dichlorobenzene	8.86	146	310413	96.98	ng		93
76) C249	1,2-Dichlorobenzene	9.17	146	319066	100.42	ng		97
77) C310	n-Butylbenzene	9.12	91	524791	98.07	ng		96
78) C286	1,2-Dibromo-3-Chloro	9.84	75	34317	101.50	ng	#	77
79) C313	1,2,4-Trichlorobenze	10.49	180	178358	94.28	ng		97
80) C316	Hexachlorobutadiene	10.60	225	95233	86.38	ng		97
81) C314	Naphthalene	10.70	128	497024	99.97	ng		100
82) C934	1,2,3-Trichlorobenze	10.89	180	194365	95.54	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401MS

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2960.RR

Level: (low/med) LOW Date Samp/Recv: 11/05/2008 11/05/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/07/2008

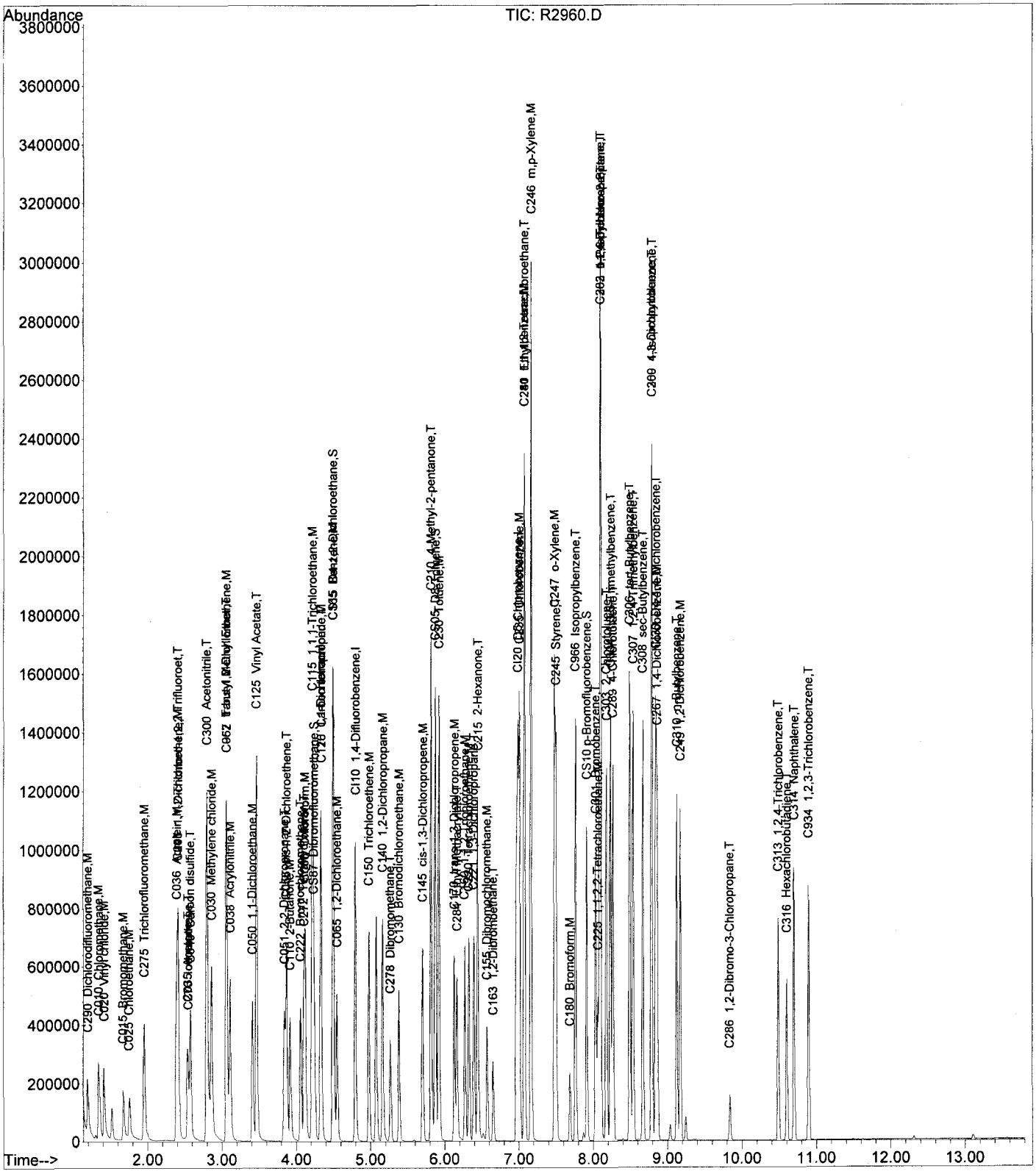
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	100	
75-34-3	1,1-Dichloroethane	22	
107-06-2	1,2-Dichloroethane	21	
79-01-6	Trichloroethene	23	

Data File : C:\MSDCHEM\2\DATA\110608\R2960.D Vial: 43
Acq On : 7 Nov 2008 14:33 Operator: MF
Sample : A8E03401MS Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 07 15:02:56 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2960.D Vial: 43
Acq On : 7 Nov 2008 14:33 Operator: MF
Sample : A8E03401MS Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 15:02:56 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

S+E 11/12/08

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.80	114	563684	150.00	ng		0.00 NA%
40) CI20 D5-Chlorobenzene	6.99	117	525117	150.00	ng		0.00 NA%
60) CI30 D4-1,4-Dichlorobenze	8.84	152	271378	150.00	ng		0.00 NA%
System Monitoring Compounds							
29) CS87 Dibromofluoromethane	4.25	111	186233	126.85	ng		0.00
Spiked Amount 125.000 Range 70 - 130			Recovery = 101.48%				
30) CS15 D4-1,2-Dichloroethan	4.50	65	259663	148.75	ng		0.00
Spiked Amount 150.000 Range 88 - 132			Recovery = 99.17%				
41) CS05 D8-Toluene	5.88	98	734644	149.35	ng		0.00
Spiked Amount 150.000 Range 87 - 110			Recovery = 99.57%				
59) CS10 p-Bromofluorobenzene	7.91	95	288843	144.43	NG		0.00
Spiked Amount 150.000 Range 78 - 122			Recovery = 96.29%				
Target Compounds							Qvalue
2) C290 Dichlorodifluorometh	1.20	85	187162	113.27	ng		100
3) C010 Chloromethane	1.34	50	299067	118.77	ng		98
4) C020 Vinyl chloride	1.42	62	238921	108.69	ng		97
5) C015 Bromomethane	1.67	94	94486	97.66	ng		97
6) C025 Chloroethane	1.76	64	132834	148.12	ng		84
7) C275 Trichlorofluorometha	1.96	101	298442	112.80	ng		97
8) C045 1,1-Dichloroethene	2.41	96	149680	112.46	ng	#	88
9) C030 Methylene chloride	2.86	84	195712	98.39	ng	#	81
10) C040 Carbon disulfide	2.58	76	441282	96.50	ng		100
11) C036 Acrolein	2.39	56	230614	1910.33	ng		96
12) C038 Acrylonitrile	3.11	53	329109	527.48	ng		98
13) C300 Acetonitrile	2.80	41	1133161	4482.13	ng		95
14) C035 Acetone	2.54	43	275525	529.83	ng		94
15) C276 Iodomethane	2.55	142	135910	94.05	ng		93
16) C291 1,1,2-Trichloro-1,2,	2.40	101	119358	100.77	NG		96
17) C962 T-butyl Methyl Ether	3.07	73	469651	101.83	ng	#	90
18) C057 trans-1,2-Dichloroet	3.06	96	181265	112.91	ng	#	87
19) C050 1,1-Dichloroethane	3.41	63	377127	112.52	ng		98
20) C125 Vinyl Acetate	3.47	43	1506500	469.33	ng	#	94
21) C051 2,2-Dichloropropane	3.84	77	214720	78.83	ng		99
22) C056 cis-1,2-Dichloroethe	3.87	96	197032	113.65	ng		98
23) C272 Tetrahydrofuran	4.10	42	271078	546.45	ng	#	78
24) C222 Bromochloromethane	4.06	128	78879	105.41	ng	#	76
25) C060 Chloroform	4.12	83	364352	110.88	ng		97
26) C115 1,1,1-Trichloroethan	4.22	97	320497	110.76	ng		93
27) C120 Carbon tetrachloride	4.33	117	267753	110.45	ng		98
28) C116 1,1-Dichloropropene	4.34	75	262400	110.08	ng		98
31) C165 Benzene	4.50	78	782058	112.91	ng		98
32) C065 1,2-Dichloroethane	4.55	62	296214	105.14	ng		98
33) C110 2-Butanone	3.92	43	430014	553.31	ng	#	86
34) C150 Trichloroethene	4.98	95	191584	113.16	ng		99
35) C140 1,2-Dichloropropane	5.16	63	201694	106.08	ng		100
36) C278 Dibromomethane	5.27	93	105494	106.21	ng		96
37) C130 Bromodichloromethane	5.38	83	252477	103.42	ng		98
38) C161 2-Chloroethylvinyl	5.71	63	1194	N.D.			

11/12/08

Data File : C:\MSDCHEM\2\DATA\110608\R2960.D Vial: 43
Acq On : 7 Nov 2008 14:33 Operator: MF
Sample : A8E03401MS Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 15:02:56 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloroprop	5.71	75	273779	93.31	ng		99
42) C230	Toluene	5.92	92	471519	110.18	ng		99
43) C170	trans-1,3-Dichloropr	6.13	75	255868	98.14	ng		97
44) C284	Ethyl Methacrylate	6.17	69	202614	103.91	ng	#	57
45) C160	1,1,2-Trichloroethan	6.27	83	126332	104.27	ng		100
46) C210	4-Methyl-2-pentanone	5.82	43	936187	602.41	ng		92
47) C220	Tetrachloroethene	6.33	166	146003	105.61	ng		94
48) C221	1,3-Dichloropropane	6.39	76	284047	106.30	ng		98
49) C155	Dibromochloromethane	6.58	129	158834	103.54	ng		99
50) C163	1,2-Dibromoethane	6.65	107	141844	105.44	ng		96
51) C215	2-Hexanone	6.45	43	650096	595.61	ng		93
52) C235	Chlorobenzene	7.01	112	552813	124.83	ng		99
53) C281	1,1,1,2-Tetrachloroe	7.08	131	166407	105.75	ng		98
54) C240	Ethylbenzene	7.07	91	867271	111.24	ng		100
55) C246	m,p-Xylene	7.17	106	623019	216.45	ng		99
56) C247	o-Xylene	7.48	106	301551	104.72	ng		99
57) C245	Styrene	7.50	104	479365	100.33	ng		98
58) C180	Bromoform	7.69	173	85071	97.87	ng		97
61) C966	Isopropylbenzene	7.76	105	727844	114.67	ng		98
62) C301	Bromobenzene	8.04	156	177125	106.24	ng	#	89
63) C225	1,1,2,2-Tetrachloroe	8.07	83	193174	113.63	ng		97
64) C282	1,2,3-Trichloropropa	8.10	75	430029	101.02	ng		76
65) C283	t-1,4-Dichloro-2-But	8.10	53	287185	479.69	ng	#	69
66) C302	n-Propylbenzene	8.10	91	959830	114.29	ng		95
67) C303	2-Chlorotoluene	8.18	126	174445	107.85	ng		100
68) C289	4-Chlorotoluene	8.27	126	167135	104.88	ng		100
69) C304	1,3,5-Trimethylbenze	8.24	105	640343	104.20	ng		98
70) C306	tert-Butylbenzene	8.50	134	129397	109.07	ng		100
71) C307	1,2,4-Trimethylbenze	8.54	105	656549	105.28	ng		98
72) C308	sec-Butylbenzene	8.67	105	799192	108.41	ng		99
73) C260	1,3-Dichlorobenzene	8.79	146	309117	102.92	ng		97
74) C309	4-Isopropyltoluene	8.79	119	590809	103.19	ng		98
75) C267	1,4-Dichlorobenzene	8.86	146	326846	105.54	ng		95
76) C249	1,2-Dichlorobenzene	9.17	146	319742	104.01	ng		94
77) C310	n-Butylbenzene	9.12	91	500069	96.59	ng		98
78) C286	1,2-Dibromo-3-Chloro	9.84	75	34182	104.50	ng	#	75
79) C313	1,2,4-Trichlorobenze	10.49	180	170598	93.21	ng		93
80) C316	Hexachlorobutadiene	10.60	225	84099	78.84	ng		98
81) C314	Naphthalene	10.70	128	556202	115.64	ng		100
82) C934	1,2,3-Trichlorobenze	10.90	180	188251	95.64	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401SD

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2961.RR

Level: (low/med) LOW Date Samp/Recv: 11/05/2008 11/05/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/07/2008

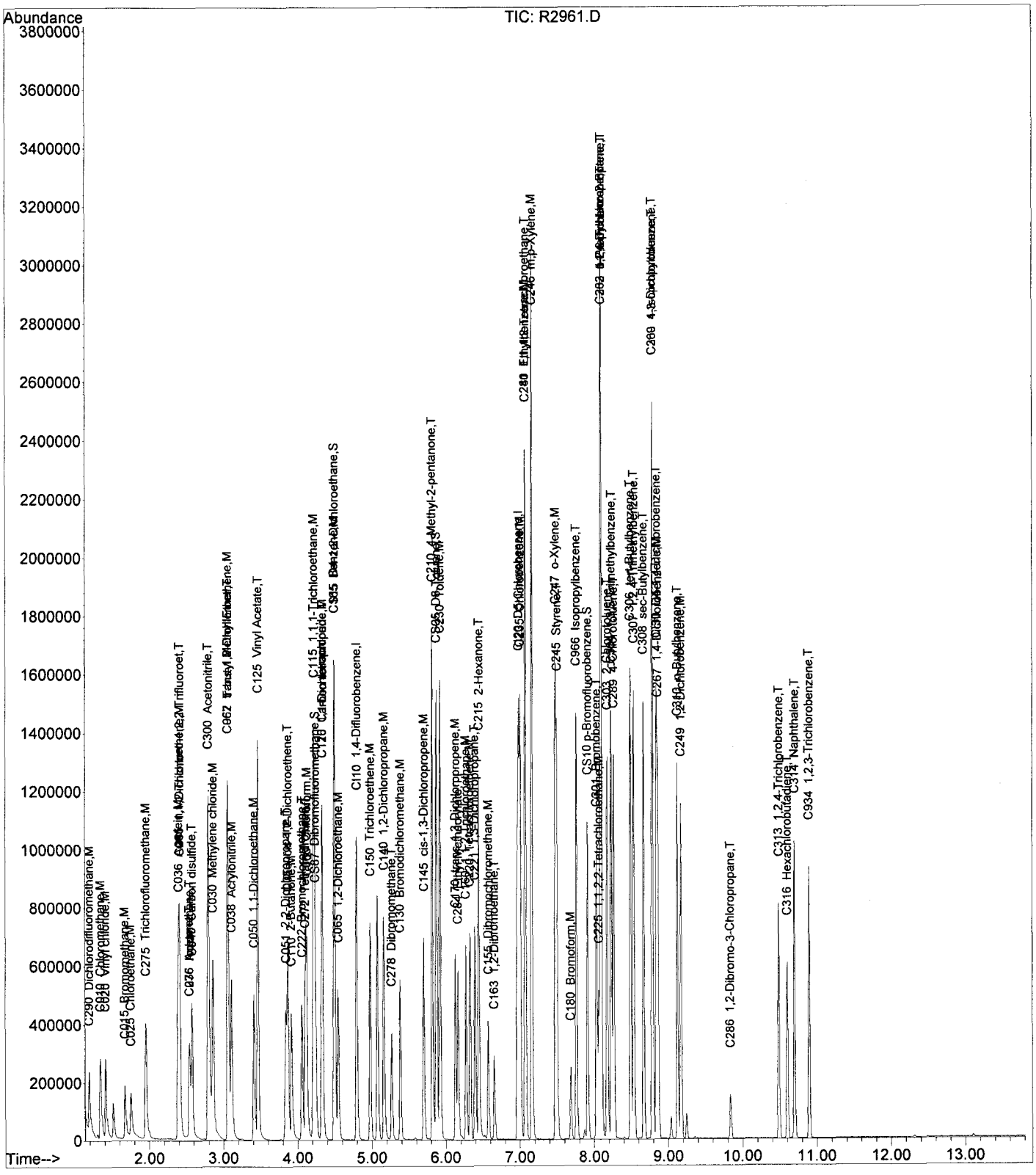
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	100	
75-34-3	1,1-Dichloroethane	22	
107-06-2	1,2-Dichloroethane	21	
79-01-6	Trichloroethene	23	

Data File : C:\MSDCHEM\2\DATA\110608\R2961.D Vial: 44
Acq On : 7 Nov 2008 14:59 Operator: MF
Sample : A8E03401SD Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 07 15:26:18 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Data File : C:\MSDCHEM\2\DATA\110608\R2961.D Vial: 44
Acq On : 7 Nov 2008 14:59 Operator: MF
Sample : A8E03401SD Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 15:26:18 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.80	114	577642	150.00	ng		0.00 NA%
40) CI20 D5-Chlorobenzene	6.99	117	534533	150.00	ng		0.00 NA%
60) CI30 D4-1,4-Dichlorobenze	8.84	152	278816	150.00	ng		0.00 NA%
System Monitoring Compounds							
29) CS87 Dibromofluoromethane	4.25	111	191798	127.48	ng		0.00
Spiked Amount 125.000 Range 70 - 130			Recovery = 101.98%				
30) CS15 D4-1,2-Dichloroethan	4.50	65	264030	147.60	ng		0.00
Spiked Amount 150.000 Range 88 - 132			Recovery = 98.40%				
41) CS05 D8-Toluene	5.88	98	742420	148.28	ng		0.00
Spiked Amount 150.000 Range 87 - 110			Recovery = 98.85%				
59) CS10 p-Bromofluorobenzene	7.91	95	296864	145.83	NG		0.00
Spiked Amount 150.000 Range 78 - 122			Recovery = 97.22%				
Target Compounds							Qvalue
2) C290 Dichlorodifluorometh	1.19	85	189566	111.96	ng		100
3) C010 Chloromethane	1.34	50	304552	118.03	ng		98
4) C020 Vinyl chloride	1.41	62	248864	110.47	ng		99
5) C015 Bromomethane	1.67	94	103697	104.60	ng		96
6) C025 Chloroethane	1.75	64	137273	149.37	ng		82
7) C275 Trichlorofluorometha	1.96	101	301986	111.38	ng		97
8) C045 1,1-Dichloroethene	2.41	96	150940	110.67	ng		87
9) C030 Methylene chloride	2.86	84	201170	98.69	ng	#	80
10) C040 Carbon disulfide	2.58	76	468956	100.07	ng		99
11) C036 Acrolein	2.39	56	246035	1988.82	ng		100
12) C038 Acrylonitrile	3.11	53	340158	532.01	ng		96
13) C300 Acetonitrile	2.80	41	1132242	4370.28	ng		97
14) C035 Acetone	2.54	43	281898	528.99	ng		95
15) C276 Iodomethane	2.55	142	152517	102.99	ng		97
16) C291 1,1,2-Trichloro-1,2,	2.40	101	126031	103.84	NG		96
17) C962 T-butyl Methyl Ether	3.07	73	494072	104.54	ng	#	88
18) C057 trans-1,2-Dichloroet	3.06	96	185453	112.73	ng		93
19) C050 1,1-Dichloroethane	3.41	63	386789	112.61	ng		98
20) C125 Vinyl Acetate	3.47	43	1561452	474.70	ng	#	94
21) C051 2,2-Dichloropropane	3.84	77	215155	77.08	ng		99
22) C056 cis-1,2-Dichloroethe	3.87	96	206743	116.37	ng		93
23) C272 Tetrahydrofuran	4.10	42	273604	538.22	ng	#	78
24) C222 Bromochloromethane	4.06	128	81609	106.42	ng	#	70
25) C060 Chloroform	4.12	83	365687	108.59	ng		99
26) C115 1,1,1-Trichloroethan	4.22	97	328392	110.75	ng		95
27) C120 Carbon tetrachloride	4.33	117	277358	111.65	ng		98
28) C116 1,1-Dichloropropene	4.34	75	273130	111.82	ng		97
31) C165 Benzene	4.50	78	805884	113.54	ng		99
32) C065 1,2-Dichloroethane	4.55	62	301264	104.35	ng		97
33) C110 2-Butanone	3.92	43	436942	548.63	ng	#	85
34) C150 Trichloroethene	4.98	95	198269	114.28	ng		96
35) C140 1,2-Dichloropropane	5.16	63	207367	106.42	ng		99
36) C278 Dibromomethane	5.27	93	106702	104.83	ng		94
37) C130 Bromodichloromethane	5.38	83	261052	104.35	ng		99
38) C161 2-Chloroethylvinyl	5.71	63	1540	N.D.			

Data File : C:\MSDCHEM\2\DATA\110608\R2961.D Vial: 44
Acq On : 7 Nov 2008 14:59 Operator: MF
Sample : A8E03401SD Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 15:26:18 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloroprop	5.71	75	284563	94.64	ng		99
42) C230	Toluene	5.92	92	477561	109.63	ng		98
43) C170	trans-1,3-Dichloropr	6.13	75	263285	99.20	ng		99
44) C284	Ethyl Methacrylate	6.17	69	212567	107.09	ng	#	58
45) C160	1,1,2-Trichloroethan	6.27	83	133902	108.58	ng		97
46) C210	4-Methyl-2-pentanone	5.82	43	963083	608.80	ng		92
47) C220	Tetrachloroethene	6.33	166	152278	108.21	ng		94
48) C221	1,3-Dichloropropane	6.39	76	291228	107.07	ng		99
49) C155	Dibromochloromethane	6.58	129	161834	103.64	ng		99
50) C163	1,2-Dibromoethane	6.65	107	148324	108.32	ng		97
51) C215	2-Hexanone	6.45	43	664201	597.81	ng		93
52) C235	Chlorobenzene	7.01	112	564265	125.17	ng		100
53) C281	1,1,1,2-Tetrachloroe	7.08	131	169305	105.70	ng		94
54) C240	Ethylbenzene	7.07	91	900416	113.46	ng		100
55) C246	m,p-Xylene	7.17	106	632208	215.77	ng		99
56) C247	o-Xylene	7.48	106	316633	108.02	ng		99
57) C245	Styrene	7.50	104	488808	100.50	ng		99
58) C180	Bromoform	7.69	173	87121	98.47	ng		92
61) C966	Isopropylbenzene	7.77	105	755576	115.86	ng		98
62) C301	Bromobenzene	8.04	156	185339	108.21	ng		91
63) C225	1,1,2,2-Tetrachloroe	8.07	83	196476	112.49	ng		98
64) C282	1,2,3-Trichloropropa	8.10	75	446319	102.05	ng	#	73
65) C283	t-1,4-Dichloro-2-But	8.10	53	295029	479.64	ng	#	71
66) C302	n-Propylbenzene	8.10	91	1000373	115.94	ng		95
67) C303	2-Chlorotoluene	8.18	126	181083	108.97	ng		100
68) C289	4-Chlorotoluene	8.27	126	171462	104.72	ng		100
69) C304	1,3,5-Trimethylbenze	8.24	105	662327	104.91	ng		99
70) C306	tert-Butylbenzene	8.49	134	133647	109.65	ng		100
71) C307	1,2,4-Trimethylbenze	8.54	105	674529	105.28	ng		97
72) C308	sec-Butylbenzene	8.67	105	849579	112.17	ng		99
73) C260	1,3-Dichlorobenzene	8.79	146	321415	104.16	ng		97
74) C309	4-Isopropyltoluene	8.79	119	623845	106.05	ng		98
75) C267	1,4-Dichlorobenzene	8.86	146	341028	107.18	ng		96
76) C249	1,2-Dichlorobenzene	9.17	146	336712	106.61	ng		99
77) C310	n-Butylbenzene	9.12	91	540838	101.68	ng		97
78) C286	1,2-Dibromo-3-Chloro	9.84	75	34990	104.11	ng	#	75
79) C313	1,2,4-Trichlorobenze	10.49	180	185037	98.40	ng		99
80) C316	Hexachlorobutadiene	10.60	225	93519	85.33	ng		99
81) C314	Naphthalene	10.70	128	585977	118.58	ng		100
82) C934	1,2,3-Trichlorobenze	10.90	180	207698	102.71	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

GC/MS VOLATILE INJECTION LOG

Logbook # A07-11-05

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
11/5/08	1047	TLG	R2902	A8D831 11DL B	D831	5mL	1	5000
	1114		R2903	A8D86704 B	D867			250
	1140		R2904	06 B				5
	1207		R2905	08 B				5
	1234		R2906	10 A				200
	1300		R2907	10 MS				200
	1327		R2908	10 SD				200
	1354		R2909	IBLK	—			—
	1530		R2910	A8D94601	D946			1
	1557		R2911	A8D94304	D943			500
	1624		R2912	03				500
	1651		R2913	02				500
	1740		R2914	03DL				10,000
	1807		R2915	02DL				2,000
	1836		R2916	02DL				1,000
11/06/08	1900	MF	R2917	1106BFBR1	QC	1uL	1	1
	1930		R2918	VSTD100	ICAL	5mL		
	1957		R2919	VSTD050				
	—		R2920	VSTD005 not used				
	2050		R2921	VSTD005				
	2134		R2922	ADD020	QC			
	2201		R2923	LCS				
	2228		R2924	VBLK12 (NG)				
	2255		R2925	VBLK13				
	2323		R2926	A8D98201	D982			1
	2350		R2927	02				1
11/7/08	0017		R2928	03				1
	0044		R2929	03MS				1
	0110		R2930	03SD				1
	0137		R2931	IBLK	—			—
	0204		R2932	A8D98204	~~D982~~ D982			1
	0230		R2933	04MS				1
	0257		R2934	04SD				1
	0324		R2935	IBLK	—			—
	0351		R2936	A8D98205	D982			1
	0417		R2937	05MS				1
	0444		R2938	05SD				1
	0511		R2939	IBLK	—			—

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GC/MS VOLATILE INJECTION LOG

Logbook # A07-11-05

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	ISS1N		✓	
			7	
			7	
			7	
			✓	
WS19BH-10, WS19 BG-10			—	
⊥			—	
			—	
			✓	
			✓	
		Y	7	DL DF 10,000
		Y	✓	RA DL DF 2,000
			7	
			✓	
			✓	
WS1 AS-4	ISS1N		7	Pass
WS19 BH-5, WS19 BG-8				SBI...0864 624 5mL
⊥				not used
WS5 AP-2, WS5 AO-1, WS113-19, WS118-12, WS119-12				624 FULL ADD
WS6 AP-2, WS12 AO-9, WS13 BV-1				not good
			⊥	
			7	
			7	
			7	
WS19 BH-5, WS19 BG-8			7	
⊥			7	
			—	
			7	
WS19 BH-5, WS19 BG-8			7	
⊥			7	
			—	
			7	
WS19 BH-5, WS19 BG-8			7	
⊥			7	
	↓		—	

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GC/MS VOLATILE INJECTION LOG
Logbook # A07-11-05

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
11/7/08	0538	MF	R2940	AB098206	D982	5mL	T	1
	0604		R2941	06MS	"	"	"	1
	0631		R2942	06SD	"	"	"	1
	0658		R2943	IBLK	—			—
	0725		R2944	AB098207	D982			1
	0751		R2945	07MS	"			1
	0818		R2946	07SD	"			1
	0845		R2947	IBLK	—			—
	0912		R2948	AB098208	D982			1
	0939		R2949	08MS	"			1
	1005		R2950	08SD	"			1
	1032		R2951	IBLK	—			—
	1059		R2952	AB ED1401 Comp	ED14			1
	1125		R2953	AB ED4602	ED46			1
	1152		R2954	01	"			1
	1219		R2955	AB ED4702	ED47			1
	1246		R2956	01	"			1
	1312		R2957	AB ED4207 Comp	ED42			1
	1339		R2958	AB ED3402	ED34			1
	1406		R2959	01	"			1
	1433		R2960	01MS	"			1
	1459		R2961	01SD	"			1
		TRG	R2962	AB ED7605	ED76			1
			R2963	04	"			1
			R2964	03	"			1
			R2965	02	"			1

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GC/MS VOLATILE INJECTION LOG
Logbook # A07-11-05

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	ISS1 N		7	
WS19 BH-5, WS19 BG-8	"		7	
⊥	"		7	
	"		—	
	"		7	
WS19 BH-5, WS19 BG-8	"		7	
⊥	"		7	
	"		—	
	"		7	
WS19 BH-5, WS19 BG-8	"		7	
⊥	"		7	
	"		—	
	"		✓	
	"		✓	
	"		✓	
	"		✓	
	"		✓	
	"		✓	
	"		✓	
	"		✓	
WS19 BH-5, WS19 BG-8	"		✓	
⊥	"		✓	

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608PEST Data

QC Summary

OLIN - 608 - TOTAL HCCH - W
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

GC Column(1): RTX-CLPI ID: 0.53 (mm) GC Column(2): RTX-CLPII ID.: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP 1 %REC	#	DCBP 2 %REC	#	TCMX 1 %REC	#	TCMX 2 %REC	#					TOT OUT
1	IWS-MS1-110508-LCRS	A8E03401	40		37		46		57						0
2	IWS-MS1-110508-LCRS	A8E03401MS	38		37		42		52						0
3	IWS-MS1-110508-LCRS	A8E03401SD	40		35		42		54						0
4	Matrix Spike Blank	A8B2551201	59		61		47		51						0
5	Method Blank	A8B2551203	72		66		59		65						0

QC LIMITS

(DCBP) = Decachlorobiphenyl (15-139)
(TCMX) = Tetrachloro-m-xylene (30-139)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

OLIN - 608 - TOTAL HCCH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B2551203

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
gamma-BHC (Lindane)	0.500	0.352	70	68 - 120	
alpha-BHC	0.500	0.322	64	39 - 121	
beta-BHC	0.500	0.403	81	39 - 138	
delta-BHC	0.500	0.416	83	40 - 121	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 4 outside limits

Comments: _____

OLIN - 608 - TOTAL HCCH - W
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8E03401

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: IWS-MS1-110508-LCRS

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.	+ =
gamma-BHC (Lindane)	0.485	0.00255	0.336	69	68 - 120	
alpha-BHC	0.485	0.0215	0.330	64	39 - 121	
beta-BHC	0.485	0.0882	0.447	74	39 - 138	
delta-BHC	0.485	0.0225	0.382	74	40 - 121	

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+ =
gamma-BHC (Lindane)	0.480	0.322	67 *	3	50	68 - 120	
alpha-BHC	0.480	0.318	62	3	50	39 - 121	
beta-BHC	0.480	0.431	71	4	50	39 - 138	
delta-BHC	0.480	0.368	72	3	50	40 - 121	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 4 outside limits
Spike recovery: 1 out of 8 outside limits

Comments: _____

OLIN - 608 - TOTAL HCCH - W
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2551203 Lab File ID: 6A29060.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 11/06/2008

Date Analyzed (1): 12/01/2008 Date Analyzed (2): 12/01/2008

Time Analyzed (1): 12:00 Time Analyzed (2): 12:00

Instrument ID (1): HP6890-6 Instrument ID (2): HP6890-6

GC Column (1): RTX-CLPI Dia: 0.53(mm) GC Column (2): RTX-CLPII Dia: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	IWS-MS1-110508-LCRS	A8E03401	12/01/2008	12/01/2008
2	IWS-MS1-110508-LCRS	A8E03401MS	12/01/2008	12/01/2008
3	IWS-MS1-110508-LCRS	A8E03401SD	12/01/2008	12/01/2008
4	Matrix Spike Blank	A8B2551201	12/01/2008	12/01/2008

Comments: _____

Compare Client DL for PROJECT NY1A8693 and TASK 2 to Lab MDL
For METHOD: 608PEST PROTOCOL: CFR136
For FRACTIONS: GE

Laboratory: A
oject Manager: BJF

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
raction: GE																
in Corporation	NY1A8693	2	alpha-BHC	EQL	CFR136	608PEST	CTA13968	W	UG/L		0.05000	0.00660	N		J	
in Corporation	NY1A8693	2	beta-BHC	EQL	CFR136	608PEST	CTA13968	W	UG/L		0.05000	0.02480	N		J	
in Corporation	NY1A8693	2	delta-BHC	EQL	CFR136	608PEST	CTA13968	W	UG/L		0.05000	0.01010	N		J	
in Corporation	NY1A8693	2	gamma-BHC (Lindane)	EQL	CFR136	608PEST	CTA13968	W	UG/L		0.05000	0.00600	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Sample Data

OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401

Sample wt/vol: 1020.00 (g/mL) ML Lab File ID: 6A29061.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/05/2008 11/05/2008

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

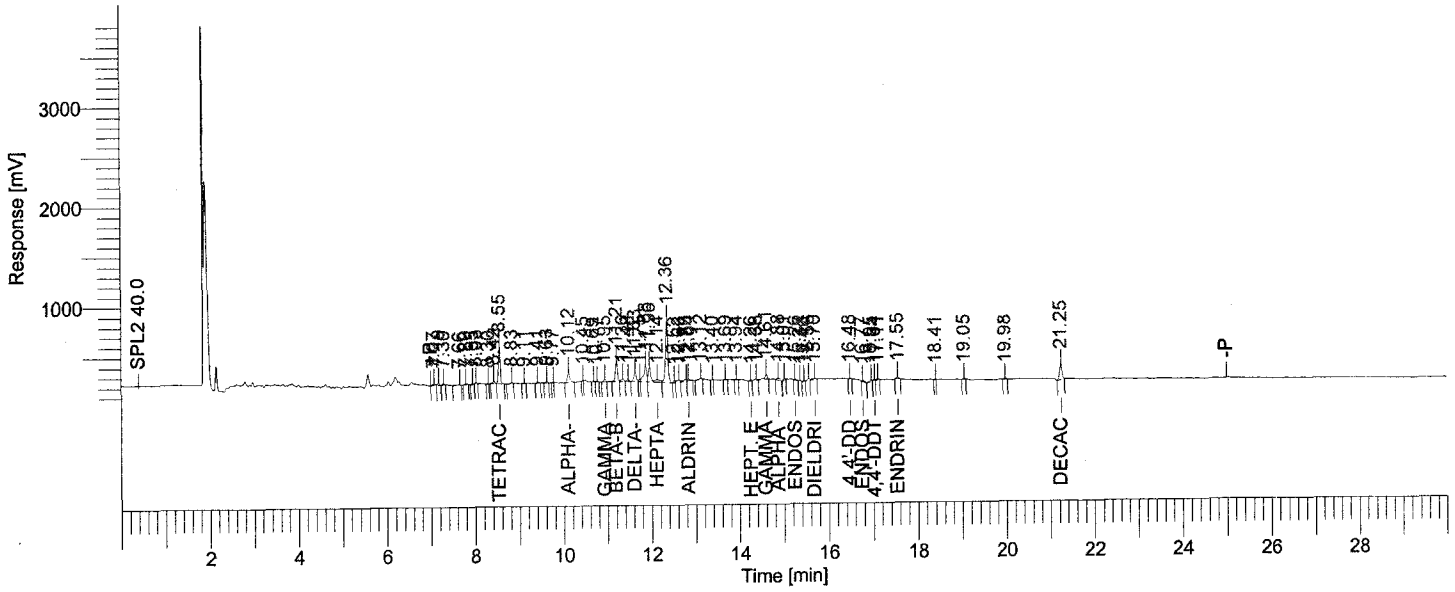
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.022	J
319-85-7	beta-BHC	0.088	
319-86-8	delta-BHC	0.022	J
58-89-9	gamma-BHC (Lindane)	0.049	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:25:53
Reprocess Number	: buf1938: 87810		
Operator	: tchrom	Sample Name	: AW80021206
Sample Number	: A8E03401	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/61
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 30.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 12:37:14	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6a29061.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29061.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29061.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29061.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29061.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.07	65210		B	0.06521	13747.59
2	7.19	72607		V	0.07261	23171.40
3	7.30	34548		B	0.03455	9467.42
4	7.66	40754		B	0.04075	4209.25
5	7.80	23566		B	0.02357	6862.37
6	7.95	42850		B	0.04285	13262.99
7	8.03	29579		V	0.02958	10871.95
9	8.42	86604		B	0.08660	24898.15
10	8.55	1072084	Tetrachloro-m-xylene	V	0.00935	356719.01
11	8.83	45153		B	0.04515	11498.48
12	9.11	18091		B	0.01809	6617.22
13	9.41	41008		B	0.04101	11581.12
14	9.63	53906		B	0.05391	17540.15
16	10.12	367188	alpha-BHC	B	0.00216	100157.71
17	10.45	6797		B	0.00680	2914.46
18	10.69	21268		B	0.02127	6888.02
19	10.77	21242		V	0.02124	6884.75
20	10.95	69438	gamma-BHC	B	2.58e-04	23271.70
21	11.21	672145	beta-BHC	B	0.00899	209793.37
22	11.36	109900		V	0.10990	26134.43
23	11.48	57984		V	0.05798	17015.22
24	11.63	324219	delta-BHC	B	0.00232	83571.22

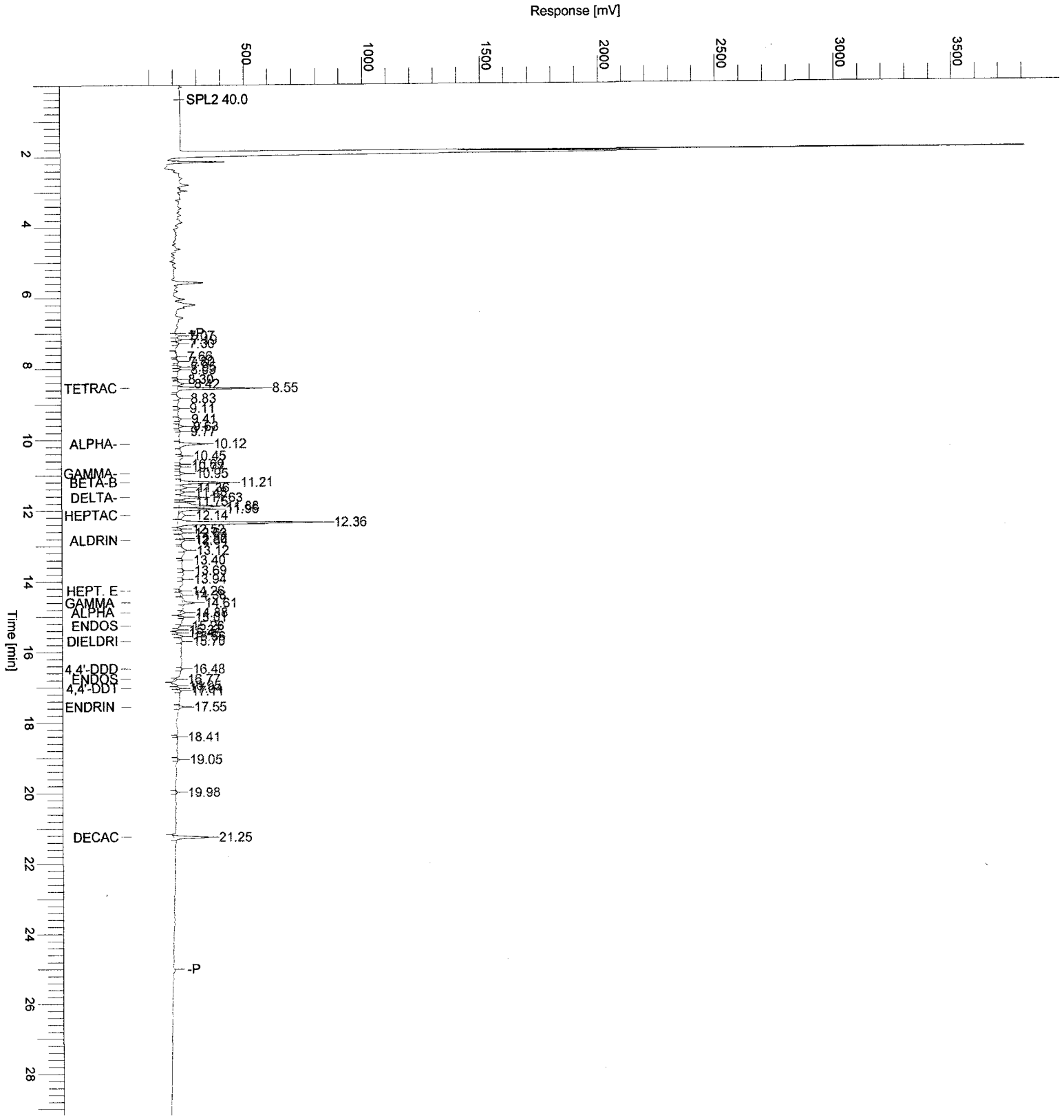
12-2-08 DYB

12/02/2008 06:25:53 Result: H:\TURBO6\6890-06\6a29061.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	11.75	65794		V	0.06579	23746.44
26	11.88	741831		V	0.74183	156521.77
27	11.96	554831		V	0.55483	154867.93
28	12.14	231410	Heptachlor	E	7.45e-04	27810.98
29	12.36	2304065		V	2.30407	616636.76
30	12.52	57448		B	0.05745	18498.57
31	12.63	121825		V	0.12182	24181.19
32	12.80	114675		V	0.11467	17526.15
33	12.84	81075	Aldrin	V	-1.7e-04	18635.55
34	13.12	55895		B	0.05589	12602.29
36	13.69	16728		B	0.01673	5417.54
37	13.94	13924		B	0.01392	4961.41
38	14.26	26785	Hept. epoxide	B	-6.8e-04	10705.35
39	14.38	58576		V	0.05858	11425.22
40	14.61	197821	gamma chlordane	V	0.00205	48039.70
41	14.88	108712	alpha chlordane	B	0.00101	22382.02
42	15.01	49840		B	0.04984	16672.11
43	15.26	26428	Endosulfan I	B	-6.2e-04	8759.29
44	15.37	22594		V	0.02259	9200.14
45	15.46	24042		B	0.02404	9306.04
46	15.56	73915		V	0.07392	20344.70
47	15.70	69941	Dieldrin	V	6.00e-04	8420.70
48	16.48	14430	4,4'-DDD	B	-5.7e-05	5110.89
49	16.77	56308	Endosulfan II	B	-9.6e-05	11933.74
50	16.95	85944		B	0.08594	20099.71
51	17.04	59032	4,4'-DDT	V	0.00481	14496.10
52	17.11	43917		V	0.04392	11198.61
53	17.55	63300	Endrin aldehyde	B	-5.2e-04	19893.95
55	19.05	23030		B	0.02303	8779.20
56	19.98	22356		B	0.02236	6319.64
57	21.25	543313	Decachlorobiphenyl	B	0.00801	148162.51
		9205923			5.26045	2.48e+06

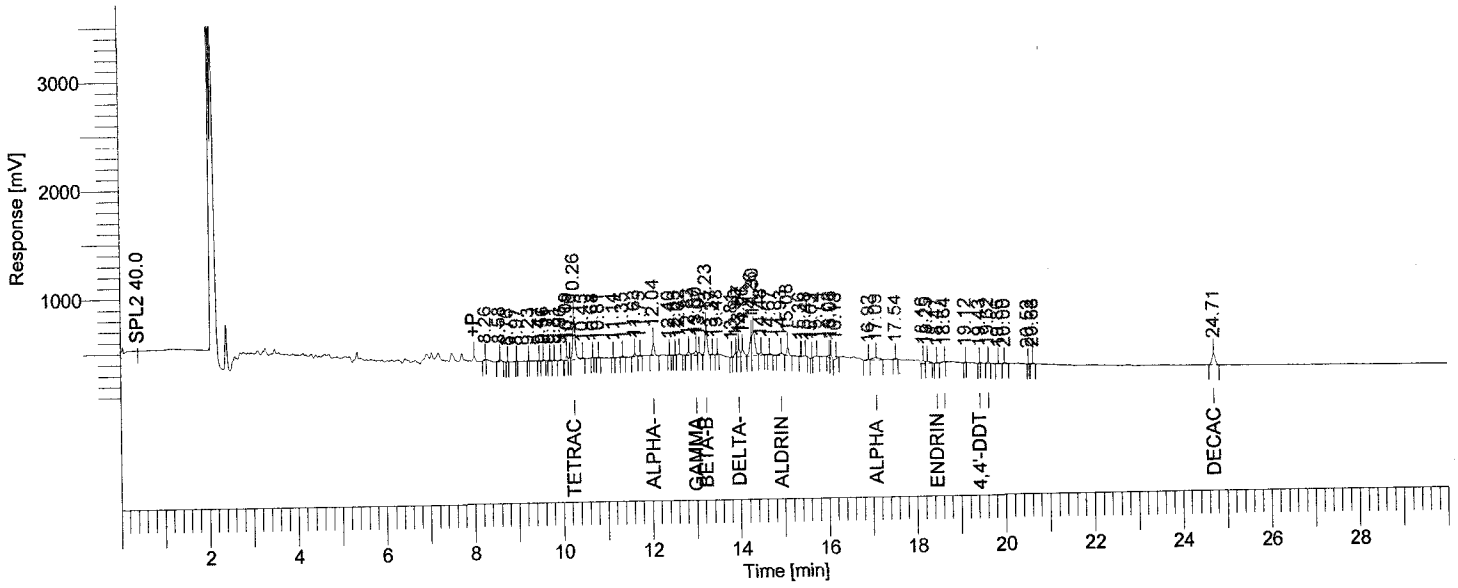
Chromatogram

Sample Name : AW80021206 Sample #: A8E03401 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29061.raw
Date : 12/02/2008 06:25:54
Method : 6890-6 bside ins Time of Injection: 12/01/2008 12:37:14
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:25:56
Reprocess Number	: buf1938: 87811		
Operator	: tchrom	Sample Name	: AW80021206
Sample Number	: A8E03401	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/61
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 30.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 12:37:14	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6b29061.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29061.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29061.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29061.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29061.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.26	14003		B	0.01400	2983.99
2	8.58	67875		B	0.06788	16604.90
3	8.76	6397		B	0.00640	2511.00
6	9.47	11742		B	0.01174	5057.84
7	9.56	30883		B	0.03088	10051.39
8	9.71	20601		B	0.02060	7218.47
9	9.81	38185		B	0.03819	9362.56
10	9.96	46824		B	0.04682	10701.15
11	10.09	115065		B	0.11506	32966.38
12	10.16	62954		V	0.06295	21412.85
13	10.26	1444444	Tetrachloro-m-xylene	V	0.01146	385645.20
14	10.45	40655		E	0.04065	8654.61
15	10.68	6272		B	0.00627	2646.68
16	10.81	21012		B	0.02101	7502.10
17	11.14	13544		B	0.01354	4791.61
18	11.35	33350		B	0.03335	11091.17
19	11.63	78995		B	0.07900	22472.83
20	11.75	22117		V	0.02212	7959.26
21	12.04	387445	alpha-BHC	B	6.79e-04	112659.07
22	12.40	10719		B	0.01072	4863.77
23	12.53	12965		B	0.01296	4820.47
24	12.62	45006		V	0.04501	10403.68

12/02/2008 06:25:56 Result: H:\TURBO6\6890-06\6b29061.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	12.83	112361		B	0.11236	30247.30
26	13.00	192504	gamma-BHC	V	-6.5e-04	37935.70
27	13.07	94549		V	0.09455	24417.46
28	13.23	879356	beta-BHC	V	0.00793	247165.88
29	13.37	23160		V	0.02316	7452.53
30	13.48	25990		B	0.02599	10070.11
31	13.81	17694		B	0.01769	8126.22
32	13.90	140486		V	0.14049	38674.63
33	13.97	313417	delta-BHC	V	0.00177	72517.54
34	14.06	291008		V	0.29101	61327.91
35	14.26	585698		V	0.58570	188059.76
36	14.30	1027388		V	1.02739	217458.45
37	14.48	99641		V	0.09964	23381.30
38	14.67	38453		B	0.03845	10874.11
39	14.93	139667	Aldrin	B	-1.5e-03	18806.13
40	15.08	259091		V	0.25909	72207.44
42	15.48	38556		V	0.03856	10122.14
43	15.63	12704		B	0.01270	7257.62
44	15.74	68622		V	0.06862	10901.45
45	16.03	59672		B	0.05967	24482.99
46	16.06	116573		V	0.11657	36466.38
47	16.18	82366		B	0.08237	18988.02
48	16.92	56222		B	0.05622	10678.61
49	17.09	246162	alpha chlordane	V	0.00167	20544.52
50	17.54	21610		B	0.02161	6386.84
51	18.16	105474		B	0.10547	27419.40
52	18.25	111455		V	0.11146	19661.29
53	18.47	29254	Endrin	B	0.00236	7626.74
54	18.64	22204	4,4'-DDD	B	6.96e-04	2890.13
56	19.43	7872	4,4'-DDT	B	0.00739	2604.50
57	19.62	43801	Endrin aldehyde	B	8.18e-04	14927.95
58	19.86	29134		B	0.02913	6069.72
59	20.00	28323		V	0.02832	6929.79
61	20.63	33372		B	0.03337	11158.61
62	24.71	529503	Decachlorobiphenyl	B	0.00743	99730.37
		8414396			4.21886	2.12e+06

Chromatogram

Sample Name : AW80021206 Sample #: A8E03401 Page 1 of 1

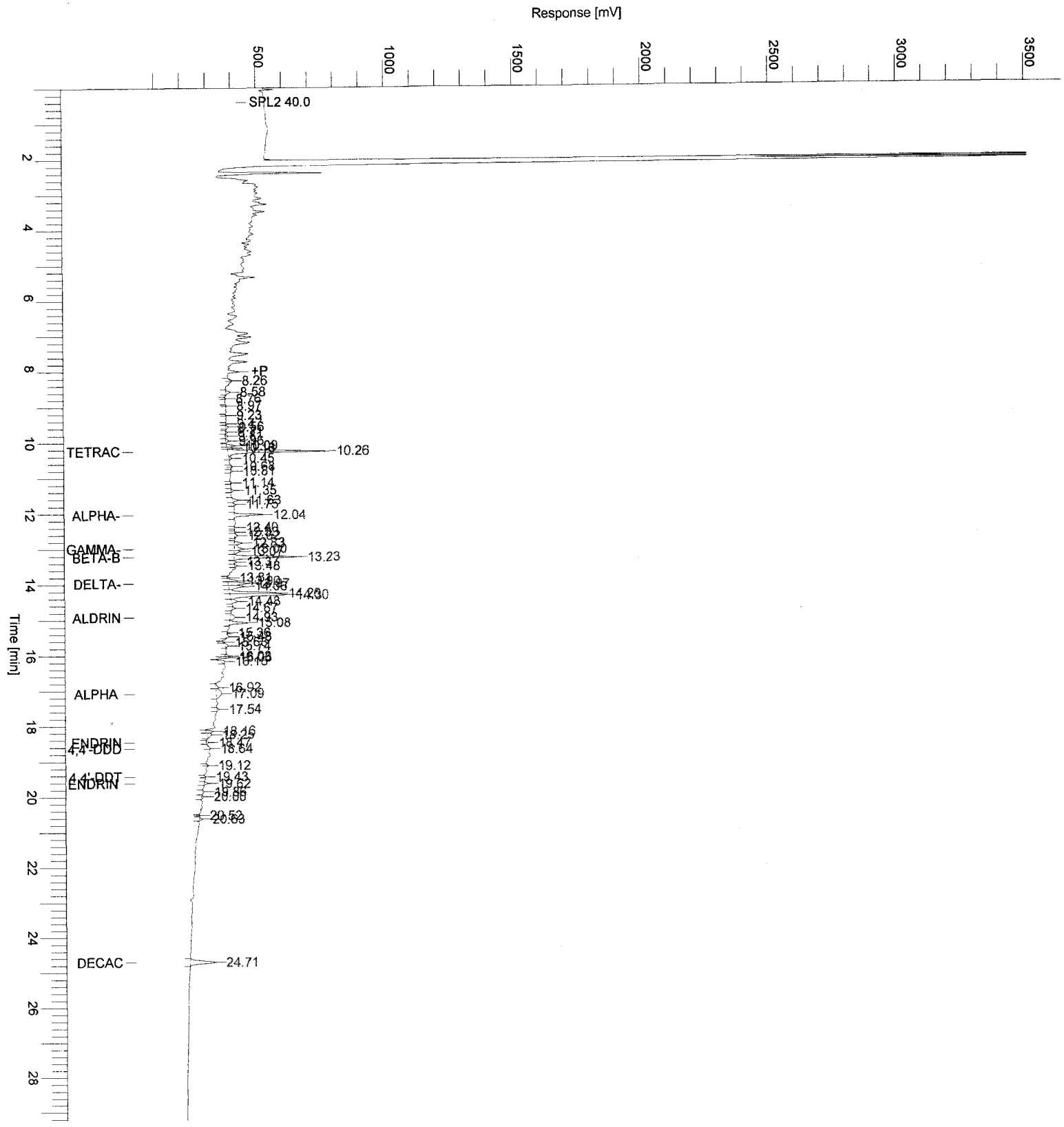
FileName : H:\TURBO6\6890-06\6b29061.raw

Date : 12/02/2008 06:25:57

Method : 6890-6 bside ins Time of Injection: 12/01/2008 12:37:14

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.

Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Standards

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

	LEVEL (ng)							
	A	B	C	D	E			
COMPOUND	0.005	0.01	0.05	0.10	0.15	R^2	Ave CF	RSD
	Area							
alpha-BHC	898506	1694120	7946756	16257088	24411109	**0.9999**	166671985	4.9
gamma-BHC	832483	1586221	7338717	14918946	22478286	**0.9999**	154187548	5.3
beta-BHC	385887	738119	3278511	6403972	9484848	**0.9999**	68766312	9.2
delta-BHC	810451	1580240	7741587	15889736	23807685	**0.9999**	158512240	1.6
Heptachlor	794849	1525436	7138586	14164752	21062044	**1.0000**	147269253	5.5
Aldrin	750899	1431826	6887008	13694448	20294192	**0.9999**	140668331	4.3
Hept. epoxide	658926	1272143	6052471	12018126	17768361	**0.9999**	123737184	4.5
gamma chlordane	643781	1246410	6183180	12579193	19104862	**0.9999**	126043695	1.6
alpha chlordane	615391	1194960	5784966	11776349	17687075	**0.9999**	118790169	2.3
4,4'-DDE	526716	1060448	5373129	11121418	16747656	**0.9999**	108343160	2.7
Endosulfan I	606531	1175805	5627608	11284156	16550445	**0.9998**	114923344	3.9
Dieldrin	580512	1142725	5593131	11494555	16982333	**0.9999**	114079725	1.4
Endrin	425010	887018	4589972	9397555	14383874	**0.9998**	91074257	4.7
4,4'-DDD	407408	826058	4009756	8226519	12052824	**0.9997**	81379974	1.3
Endosulfan II	437686	868757	4147839	8368747	12227919	**0.9997**	84515322	3.1
4,4'-DDT	219945	509855	3210661	6969821	11052006	**0.9984**	60513194	20.8
Endrin aldehyde	318575	644450	2933691	5792264	8417257	**0.9996**	60174301	6.1
Methoxychlor	111242	256510	1522414	3226285	4995997	**0.9994**	28783435	16.3
Endo. Sulfate	332516	656948	3226048	6482269	9637093	**1.0000**	65157787	1.4
Endrin ketone	369956	737672	3706719	7454995	11256634	**1.0000**	74297391	0.7

Ave %RSD = 5.1

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ICM25ZQ DF10	B	H:\TURBO6\6890-06\6a29032.raw
ICM25ZU	C	H:\TURBO6\6890-06\6a29031.raw
ICM25ZQ	D	H:\TURBO6\6890-06\6a29030.raw
ICM25ZT	E	H:\TURBO6\6890-06\6a29029.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
alpha-BHC	10.08	10.08	10.07	10.08	0.05	10.03	10.13
gamma-BHC	10.92	10.91	10.91	10.91	0.05	10.86	10.96
beta-BHC	11.18	11.17	11.17	11.17	0.05	11.12	11.22
delta-BHC	11.61	11.60	11.60	11.60	0.05	11.55	11.65
Heptachlor	12.10	12.09	12.09	12.09	0.05	12.04	12.14
Aldrin	12.81	12.80	12.80	12.80	0.05	12.75	12.85
Hept. epoxide	14.25	14.25	14.24	14.25	0.05	14.20	14.30
gamma chlordane	14.53	14.52	14.52	14.52	0.05	14.47	14.57
alpha chlordane	14.83	14.83	14.82	14.83	0.05	14.78	14.88
4,4'-DDE	15.05	15.04	15.04	15.04	0.05	14.99	15.09
Endosulfan I	15.13	15.12	15.12	15.12	0.05	15.07	15.17
Dieldrin	15.66	15.66	15.65	15.66	0.05	15.61	15.71
Endrin	16.16	16.16	16.16	16.16	0.05	16.11	16.21
4,4'-DDD	16.36	16.35	16.35	16.35	0.05	16.30	16.40
Endosulfan II	16.66	16.65	16.65	16.65	0.05	16.60	16.70
4,4'-DDT	16.95	16.95	16.94	16.95	0.05	16.90	17.00
Endrin aldehyde	17.58	17.57	17.57	17.57	0.05	17.52	17.62
Methoxychlor	18.01	18.01	18.00	18.01	0.05	17.96	18.06
Endo. Sulfate	18.51	18.51	18.50	18.51	0.05	18.46	18.56
Endrin ketone	19.10	19.10	19.09	19.10	0.05	19.05	19.15

FORM VIA Pest

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

	LEVEL (ng)							
	A	B	C	D	E			
COMPOUND	0.005	0.01	0.05	0.10	0.15	R^2	Ave CF	RSD
	Area							
alpha-BHC	1198535	2099658	8538646	17329463	25967178	**0.9998**	193370974	15.8
gamma-BHC	1079292	1941066	7827123	15830586	23503104	**0.9998**	176300136	15.5
beta-BHC	542219	976856	3808792	7172717	10059986	**0.9980**	84219797	21.3
delta-BHC	1026493	1834142	7759491	16129420	24738875	**0.9991**	174024531	11.7
Heptachlor	891627	1585188	6635193	13803254	20566680	**0.9996**	148938360	12.9
Aldrin	981542	1718977	7145920	14106287	20754833	**0.9999**	158110585	16.0
Hept. epoxide	811418	1441856	6295366	12482277	18679802	**1.0000**	136346261	12.2
gamma chlordane	731283	1315503	6050205	12198948	18403130	**0.9999**	128697603	8.3
alpha chlordane	668254	1208625	5507583	11103106	16773684	**0.9999**	117504116	8.5
Endosulfan I	667786	1195228	5378286	10787067	16143837	**1.0000**	115228394	9.9
4,4'-DDE	632790	1147235	5301941	10901129	16553762	**0.9997**	113338005	7.1
Dieldrin	657345	1194139	5507240	11224461	16942773	**0.9998**	117244826	7.4
Endrin	368059	718276	3540818	7399831	11757452	**0.9981**	73727417	3.9
4,4'-DDD	413459	852470	3769571	7965123	12007463	**0.9995**	80606241	4.6
Endosulfan II	439012	828397	3779319	8077162	11896973	**0.9994**	81262651	5.6
4,4'-DDT	61751	217629	1889517	4546000	7437091	**0.9955**	33388809	47.5
Endrin aldehyde	306641	589846	2604210	4274167	7887757	**0.9820**	53544743	13.5
Endo. Sulfate	350998	669868	3170295	6442838	9617347	**0.9999**	65827265	4.2
Methoxychlor	51819	130361	939272	2097339	3383854	**0.9974**	17143551	30.5
Endrin ketone	332567	668150	3275164	7262462	10496348	**0.9986**	68286391	4.3

Ave %RSD = 13.0

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ICM25ZQ DF10	B	H:\TURBO6\6890-06\6b29032.raw
ICM25ZU	C	H:\TURBO6\6890-06\6b29031.raw
ICM25ZQ	D	H:\TURBO6\6890-06\6b29030.raw
ICM25ZT	E	H:\TURBO6\6890-06\6b29029.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
alpha-BHC	12.02	12.01	12.01	12.01	0.05	11.96	12.06
gamma-BHC	12.98	12.97	12.96	12.97	0.05	12.92	13.02
beta-BHC	13.21	13.20	13.20	13.20	0.05	13.15	13.25
delta-BHC	13.95	13.94	13.94	13.94	0.05	13.89	13.99
Heptachlor	14.08	14.07	14.07	14.07	0.05	14.02	14.12
Aldrin	14.88	14.87	14.87	14.87	0.05	14.82	14.92
Hept. epoxide	16.24	16.23	16.23	16.23	0.05	16.18	16.28
gamma chlordane	16.66	16.66	16.66	16.66	0.05	16.61	16.71
alpha chlordane	17.00	16.99	16.99	16.99	0.05	16.94	17.04
Endosulfan I	17.14	17.13	17.13	17.13	0.05	17.08	17.18
4,4'-DDE	17.36	17.35	17.34	17.35	0.05	17.30	17.40
Dieldrin	17.76	17.75	17.75	17.75	0.05	17.70	17.80
Endrin	18.44	18.44	18.43	18.44	0.05	18.39	18.49
4,4'-DDD	18.64	18.63	18.62	18.63	0.05	18.58	18.68
Endosulfan II	18.91	18.90	18.90	18.90	0.05	18.85	18.95
4,4'-DDT	19.32	19.31	19.30	19.31	0.05	19.26	19.36
Endrin aldehyde	19.65	19.64	19.64	19.64	0.05	19.59	19.69
Endo. Sulfate	20.25	20.25	20.24	20.25	0.05	20.20	20.30
Methoxychlor	20.77	20.77	20.76	20.77	0.05	20.72	20.82
Endrin ketone	21.45	21.45	21.44	21.45	0.05	21.40	21.50

FORM VIA Pest

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

	LEVEL (ng)							
	A	B	C	D	E			
COMPOUND	0.005	0.010	0.050	0.075	0.100	R^2	Ave CF	RSD
	Area							
Tetrachloro-m-xylene	585635	1130107	5011087	7456463	9551125	**0.9992**	105058039	9.0
Decachlorobiphenyl	323524	623806	2862888	4015886	5202105	**0.9980**	57981871	9.5

Ave %RSD = 9.2

Name:	Level	File ID:
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ICM3QI DF10	B	H:\TURBO6\6890-06\6a29027.raw
ICM3QM	C	H:\TURBO6\6890-06\6a29026.raw
ICM3QI	D	H:\TURBO6\6890-06\6a29025.raw
ICM3QH	E	H:\TURBO6\6890-06\6a29024.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
Tetrachloro-m-xylene	8.51	8.51	8.51	8.51	0.05	8.46	8.56
Decachlorobiphenyl	21.20	21.21	21.20	21.20	0.05	21.15	21.25

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to ########

	LEVEL (ng)							
	A	B	C	D	E			
COMPOUND	0.005	0.010	0.050	0.075	0.100	R^2	Ave CF	RSD
	Area							
Tetrachloro-m-xylene	708062	1317916	5336990	7996655	10132054	**0.9989**	117617281	15.2
Decachlorobiphenyl	304825	659790	3038864	4250505	5489335	**0.9974**	59857606	7.2

Ave %RSD = 11.2

Name:	Level	File ID:
ICM3QM DF10	A	H:\TURBO6\6890-06\6b29028.raw
ICM3QI DF10	B	H:\TURBO6\6890-06\6b29027.raw
ICM3QM	C	H:\TURBO6\6890-06\6b29026.raw
ICM3QI	D	H:\TURBO6\6890-06\6b29025.raw
ICM3QH	E	H:\TURBO6\6890-06\6b29024.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
Tetrachloro-m-xylene	10.22	10.22	10.22	10.22	0.05	10.17	10.27
Decachlorobiphenyl	24.66	24.66	24.66	24.66	0.05	24.61	24.71

7C

PESTICIDE BREAKDOWN SUMMARY

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A ICAL Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

Ref ID: ICM1DA Date/Time Analyzed: 12/01/2008 07:37

File ID: H:\TURBO6\6890-06\6a29054.raw

COMPOUND	Area	% Breakdown
4,4'-DDE	42199	
4,4'-DDD	233309	
4,4'-DDT	4741354	**5.5**
Endrin aldehyde	171882	
Endrin ketone	270154	
Endrin	3241452	**12.0**

*** Value >15.0% DEGRADATION**

FORM XI Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A ICAL Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

CCV ID: ICM25ZU Date/Time Analyzed: 12/01/2008 08:13

FILE ID: H:\TURBO6\6890-06\6a29055.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
alpha-BHC	10.13	10.08	10.18	0.0472	0.0500	-5.6
gamma-BHC	10.97	10.92	11.02	0.0490	0.0500	-2.1
beta-BHC	11.23	11.18	11.28	0.0508	0.0500	1.7
delta-BHC	11.66	11.61	11.71	0.0489	0.0500	-2.2
Heptachlor	12.15	12.10	12.20	0.0501	0.0500	0.1
Aldrin	12.86	12.81	12.91	0.0498	0.0500	-0.5
Hept. epoxide	14.30	14.25	14.35	0.0488	0.0500	-2.4
gamma chlordane	14.58	14.53	14.63	0.0474	0.0500	-5.2
alpha chlordane	14.88	14.83	14.93	0.0474	0.0500	-5.2
4,4'-DDE	15.10	15.05	15.15	0.0472	0.0500	-5.5
Endosulfan I	15.18	15.13	15.23	0.0486	0.0500	-2.9
Dieldrin	15.71	15.66	15.76	0.0482	0.0500	-3.7
Endrin	16.22	16.17	16.27	0.0471	0.0500	-5.8
4,4'-DDD	16.41	16.36	16.46	0.0481	0.0500	-3.8
Endosulfan II	16.71	16.66	16.76	0.0480	0.0500	-4.0
4,4'-DDT	17.01	16.96	17.06	0.0435	0.0500	-13.1
Endrin aldehyde	17.63	17.58	17.68	0.0468	0.0500	-6.4
Methoxychlor	18.06	18.01	18.11	0.0446	0.0500	-10.8
Endo. Sulfate	18.57	18.52	18.62	0.0468	0.0500	-6.4
Endrin ketone	19.15	19.10	19.20	0.0472	0.0500	-5.5

* Value >15.0% Difference

Average %D = 4.6

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A ICAL Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

CCV ID: ICM3QM Date/Time Analyzed: 12/01/2008 09:34

FILE ID: H:\TURBO6\6890-06\6a29056.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
Tetrachloro-m-xylene	8.56	8.51	8.61	0.0457	0.0500	-8.7
Decachlorobiphenyl	21.25	21.20	21.30	0.0460	0.0500	-8.0

* Value >15.0% Difference

Average %D = **8.4**

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A ICAL Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

CCV ID: ICM25ZU Date/Time Analyzed: 12/01/2008 16:52

FILE ID: H:\TURBO6\6890-06\6a29068.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
alpha-BHC	10.13	10.08	10.18	0.0435	0.0500	-13.0
gamma-BHC	10.96	10.91	11.01	0.0461	0.0500	-7.7
beta-BHC	11.22	11.17	11.27	0.0490	0.0500	-2.0
delta-BHC	11.65	11.60	11.70	0.0474	0.0500	-5.1
Heptachlor	12.14	12.09	12.19	0.0483	0.0500	-3.4
Aldrin	12.86	12.81	12.91	0.0480	0.0500	-3.9
Hept. epoxide	14.30	14.25	14.35	0.0470	0.0500	-6.0
gamma chlordane	14.58	14.53	14.63	0.0459	0.0500	-8.2
alpha chlordane	14.88	14.83	14.93	0.0457	0.0500	-8.5
4,4'-DDE	15.09	15.04	15.14	0.0458	0.0500	-8.3
Endosulfan I	15.17	15.12	15.22	0.0463	0.0500	-7.4
Dieldrin	15.71	15.66	15.76	0.0462	0.0500	-7.7
Endrin	16.21	16.16	16.26	0.0473	0.0500	-5.4
4,4'-DDD	16.40	16.35	16.45	0.0469	0.0500	-6.1
Endosulfan II	16.70	16.65	16.75	0.0460	0.0500	-7.9
4,4'-DDT	16.99	16.94	17.04	0.0420	0.0500	-16.1 *
Endrin aldehyde	17.62	17.57	17.67	0.0440	0.0500	-12.0
Methoxychlor	18.05	18.00	18.10	0.0434	0.0500	-13.2
Endo. Sulfate	18.55	18.50	18.60	0.0446	0.0500	-10.9
Endrin ketone	19.14	19.09	19.19	0.0440	0.0500	-12.0

* Value >15.0% Difference

Average %D = 8.2

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A ICAL Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

CCV ID: ICM3QM Date/Time Analyzed: 12/01/2008 17:29

FILE ID: H:\TURBO6\6890-06\6a29069.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
Tetrachloro-m-xylene	8.56	8.51	8.61	0.0436	0.0500	-12.7
Decachlorobiphenyl	21.25	21.20	21.30	0.0449	0.0500	-10.3

* Value >15.0% Difference

Average %D = 11.5

7C

Confirmation Column

PESTICIDE BREAKDOWN SUMMARY

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B ICAL Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

Ref ID: ICM1DA Date/Time Analyzed: 12/01/2008 07:37

File ID: H:\TURBO6\6890-06\6b29054.raw

COMPOUND	Area	% Breakdown	
4,4'-DDE	94496		
4,4'-DDD	721219		
4,4'-DDT	2914054	**21.9**	*
Endrin aldehyde	178131		
Endrin ketone	574630		
Endrin	2470176	**23.4**	*

*** Value >15.0% DEGRADATION**

7B

Confirmation Column

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B ICAL Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

CCV ID: ICM25ZU Date/Time Analyzed: 12/01/2008 08:13

FILE ID: H:\TURBO6\6890-06\6b29055.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
alpha-BHC	12.06	12.01	12.11	0.0494	0.0500	-1.1
gamma-BHC	13.02	12.97	13.07	0.0515	0.0500	3.1
beta-BHC	13.25	13.20	13.30	0.0569	0.0500	13.7
delta-BHC	14.00	13.95	14.05	0.0522	0.0500	4.3
Heptachlor	14.13	14.08	14.18	0.0547	0.0500	9.4
Aldrin	14.92	14.87	14.97	0.0548	0.0500	9.5
Hept. epoxide	16.29	16.24	16.34	0.0518	0.0500	3.7
gamma chlordane	16.72	16.67	16.77	0.0504	0.0500	0.7
alpha chlordane	17.05	17.00	17.10	0.0501	0.0500	0.2
Endosulfan I	17.19	17.14	17.24	0.0502	0.0500	0.5
4,4'-DDE	17.40	17.35	17.45	0.0498	0.0500	-0.3
Dieldrin	17.81	17.76	17.86	0.0503	0.0500	0.6
Endrin	18.49	18.44	18.54	0.0475	0.0500	-5.1
4,4'-DDD	18.69	18.64	18.74	0.0517	0.0500	3.3
Endosulfan II	18.96	18.91	19.01	0.0525	0.0500	5.1
4,4'-DDT	19.37	19.32	19.42	0.0431	0.0500	-13.8
Endrin aldehyde	19.70	19.65	19.75	0.0508	0.0500	1.7
Endo. Sulfate	20.30	20.25	20.35	0.0503	0.0500	0.6
Methoxychlor	20.82	20.77	20.87	0.0440	0.0500	-11.9
Endrin ketone	21.51	21.46	21.56	0.0492	0.0500	-1.7

* Value >15.0% Difference

Average %D = **4.5**

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Confirmation Column

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B ICAL Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

CCV ID: ICM3QM Date/Time Analyzed: 12/01/2008 09:34

FILE ID: H:\TURBO6\6890-06\6b29056.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
Tetrachloro-m-xylene	10.25	10.20	10.30	0.0583	0.0500	16.5 *
Decachlorobiphenyl	24.72	24.67	24.77	0.0505	0.0500	1.1

* Value >15.0% Difference

Average %D = 8.8

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Confirmation Column

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B ICAL Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

CCV ID: ICM25ZU Date/Time Analyzed: 12/01/2008 16:52

FILE ID: H:\TURBO6\6890-06\6b29068.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
alpha-BHC	12.06	12.01	12.11	0.0450	0.0500	-10.1
gamma-BHC	13.01	12.96	13.06	0.0481	0.0500	-3.8
beta-BHC	13.25	13.20	13.30	0.0526	0.0500	5.2
delta-BHC	13.99	13.94	14.04	0.0525	0.0500	5.1
Heptachlor	14.12	14.07	14.17	0.0526	0.0500	5.2
Aldrin	14.92	14.87	14.97	0.0536	0.0500	7.3
Hept. epoxide	16.28	16.23	16.33	0.0510	0.0500	1.9
gamma chlordane	16.70	16.65	16.75	0.0489	0.0500	-2.2
alpha chlordane	17.03	16.98	17.08	0.0491	0.0500	-1.8
Endosulfan I	17.18	17.13	17.23	0.0491	0.0500	-1.7
4,4'-DDE	17.39	17.34	17.44	0.0488	0.0500	-2.4
Dieldrin	17.79	17.74	17.84	0.0490	0.0500	-1.9
Endrin	18.48	18.43	18.53	0.0506	0.0500	1.2
4,4'-DDD	18.67	18.62	18.72	0.0508	0.0500	1.5
Endosulfan II	18.94	18.89	18.99	0.0506	0.0500	1.2
4,4'-DDT	19.35	19.30	19.40	0.0418	0.0500	-16.5 *
Endrin aldehyde	19.68	19.63	19.73	0.0488	0.0500	-2.4
Endo. Sulfate	20.29	20.24	20.34	0.0469	0.0500	-6.2
Methoxychlor	20.81	20.76	20.86	0.0434	0.0500	-13.3
Endrin ketone	21.49	21.44	21.54	0.0447	0.0500	-10.6

* Value >15.0% Difference

Average %D = 5.1

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Confirmation Column

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B ICAL Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

CCV ID: ICM3QM Date/Time Analyzed: 12/01/2008 17:29

FILE ID: H:\TURBO6\6890-06\6b29069.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
Tetrachloro-m-xylene	10.27	10.22	10.32	0.0477	0.0500	-4.6
Decachlorobiphenyl	24.73	24.68	24.78	0.0492	0.0500	-1.6

* Value >15.0% Difference

Average %D = 3.1

Form 8 - Sequence Summary Report

Date of Injection	Time of Injection	Sample Number	Vial/Std Name	File Name	Dilution Factor
12/01/2008	07:37:19		ICM1DA	6a29054.rst	1.0000
12/01/2008	08:13:50	0.05	ICM25ZU	6a29055.rst	1.0000
12/01/2008	09:34:55	0.05	ICM3QM	6a29056.rst	1.0000
12/01/2008	10:11:13	0.50	ACM11LB	6a29057.rst	1.0000
12/01/2008	10:47:46	0.50	ICM14RE	6a29058.rst	1.0000
12/01/2008	11:24:13	A8B2551201	AW80021204MSB	6a29059.rst	1.0000
12/01/2008	12:00:49	A8B2551203	AW80021205MBLK	6a29060.rst	1.0000
12/01/2008	12:37:14	A8E03401	AW80021206	6a29061.rst	1.0000
12/01/2008	13:13:47	A8E03401MS	AW80021207	6a29062.rst	1.0000
12/01/2008	13:50:17	A8E03401SD	AW80021208	6a29063.rst	1.0000
12/01/2008	14:26:50	A8D94902	AW80021211	6a29064.rst	1.0000
12/01/2008	15:03:12	A8D94903	AW80021212	6a29065.rst	1.0000
12/01/2008	15:39:45	A8D94904	AW80021213	6a29066.rst	1.0000
12/01/2008	16:16:10	A8D94905	AW80021214	6a29067.rst	1.0000
12/01/2008	16:52:41	0.05	ICM25ZU	6a29068.rst	1.0000
12/01/2008	17:29:04	0.05	ICM3QM	6a29069.rst	1.0000

ASCII file created successfully - Stored in: H:\TURBO6\6890-06\Seq Summary-20081204-081848.csv

IDENTIFICATION SUMMARY
10A
FOR SINGLE COMPONENT ANALYTES

SAMPLE NO.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8E03401 Date/Time Analyzed: 12/01/2008 12:37

Lab File ID (1): 6A29061.TX0 Lab File ID (2): 6B29061.TX0

Instrument ID (1): HP6890-6 A Instrument ID (2): HP6890-6 B

GC Column (1): RTX-CLPI Dia: 0.53 (mm) GC Column (2): RTX-CLPII Dia: 0.53 (mm)

Standard ID (1): A8P0000190 Standard ID (2): A8P0000191

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	10.12	10.08	10.18	0.022	
	2	12.04	12.01	12.11	0.0067	> 100
beta-BHC	1	11.21	11.18	11.28	0.088	
	2	13.23	13.20	13.30	0.077	14.3
delta-BHC	1	11.63	11.61	11.71	0.022	
	2	13.97	13.95	14.05	0.018	22.2

IDENTIFICATION SUMMARY
10A
FOR SINGLE COMPONENT ANALYTES

SAMPLE NO.

Matrix Spike Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2551201 Date/Time Analyzed: 12/01/2008 11:24

Lab File ID (1): 6A29059.TX0 Lab File ID (2): 6B29059.TX0

Instrument ID (1): HP6890-6 A Instrument ID (2): HP6890-6 B

GC Column (1): RTX-CLPI Dia: 0.53 (mm) GC Column (2): RTX-CLPII Dia: 0.53 (mm)

Standard ID (1): A8P0000190 Standard ID (2): A8P0000191

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	10.12	10.08	10.18	0.32	
	2	12.05	12.01	12.11	0.34	6.3
beta-BHC	1	11.21	11.18	11.28	0.40	
	2	13.23	13.20	13.30	0.42	5.0
delta-BHC	1	11.64	11.61	11.71	0.42	
	2	13.98	13.95	14.05	0.43	2.4
gamma-BHC (Lindane)	1	10.95	10.92	11.02	0.35	
	2	13.00	12.97	13.07	0.38	8.6

IDENTIFICATION SUMMARY
10A
FOR SINGLE COMPONENT ANALYTES

SAMPLE NO.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8E03401MS Date/Time Analyzed: 12/01/2008 13:13

Lab File ID (1): 6A29062.TX0 Lab File ID (2): 6B29062.TX0

Instrument ID (1): HP6890-6 A Instrument ID (2): HP6890-6 B

GC Column (1): RTX-CLPI Dia: 0.53 (mm) GC Column (2): RTX-CLPII Dia: 0.53 (mm)

Standard ID (1): A8P0000190 Standard ID (2): A8P0000191

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	10.12	10.08	10.18	0.33	
	2	12.04	12.01	12.11	0.34	3.0
beta-BHC	1	11.21	11.18	11.28	0.45	
	2	13.23	13.20	13.30	0.47	4.4
delta-BHC	1	11.64	11.61	11.71	0.38	
	2	13.98	13.95	14.05	0.43	13.2
gamma-BHC (Lindane)	1	10.95	10.92	11.02	0.34	
	2	13.00	12.97	13.07	0.37	8.8

IDENTIFICATION SUMMARY
10A
FOR SINGLE COMPONENT ANALYTES

SAMPLE NO.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8E03401SD Date/Time Analyzed: 12/01/2008 13:50

Lab File ID (1): 6A29063.TX0 Lab File ID (2): 6B29063.TX0

Instrument ID (1): HP6890-6 A Instrument ID (2): HP6890-6 B

GC Column (1): RTX-CLPI Dia: 0.53 (mm) GC Column (2): RTX-CLPII Dia: 0.53 (mm)

Standard ID (1): A8P0000190 Standard ID (2): A8P0000191

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	10.12	10.08	10.18	0.32	
	2	12.05	12.01	12.11	0.33	3.1
beta-BHC	1	11.21	11.18	11.28	0.43	
	2	13.24	13.20	13.30	0.46	7.0
delta-BHC	1	11.64	11.61	11.71	0.37	
	2	13.98	13.95	14.05	0.42	13.5
gamma-BHC (Lindane)	1	10.96	10.92	11.02	0.32	
	2	13.00	12.97	13.07	0.36	12.5

TotalChrom Method File H:\TURBO6\6890-06\6a-(11-29-08).mth
Printed by : NearyM on: 11/30/2008 13:28:10
Created by : NearyM on: 11/30/2008 13:06:34
Edited by : NearyM on: 11/30/2008 13:15:57
Number of Times Edited : 2
Number of Times Calibrated : 2571
Description: PEST CURVE 11-14-08

Processed by: MM 12/1/08

Reviewed by: DWB 12/1/08

Global Sample Information

Default Sample Volume : 1.000 ul
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information

alpha-BHC
Component Type : Single Peak Component
Retention Time : 10.079 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	898506.00	287789.68	----------	----------	1
B	0.0100	1694119.90	554598.51	----------	----------	1
C	0.0500	7946756.30	2.70e+06	----------	----------	1
D	0.1000	16257087.90	5.56e+06	----------	----------	1
E	0.1500	24411108.90	8.43e+06	----------	----------	1

Calibration Curve : y = (16099.526964) + (162308188.888419)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999889

gamma-BHC
Component Type : Single Peak Component
Retention Time : 10.916 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	832482.60	258117.66	----------	----------	1
B	0.0100	1586221.20	506848.85	----------	----------	1
C	0.0500	7338716.60	2.41e+06	----------	----------	1
D	0.1000	14918946.16	4.99e+06	----------	----------	1
E	0.1500	22478285.70	7.57e+06	----------	----------	1

Calibration Curve : y = (31005.353834) + (149205155.079956)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999895

beta-BHC
Component Type : Single Peak Component
Retention Time : 11.174 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	385887.10	119959.86	----------	----------	1
B	0.0100	738118.90	228904.74	----------	----------	1
C	0.0500	3278511.50	1.03e+06	----------	----------	1
D	0.1000	6403971.60	2.08e+06	----------	----------	1
E	0.1500	9484848.00	3.12e+06	----------	----------	1

Calibration Curve : y = (108372.213078) + (62696747.099227)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999933

delta-BHC
Component Type : Single Peak Component
Retention Time : 11.602 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	810450.80	244001.63	----------	----------	1
B	0.0100	1580240.50	485451.62	----------	----------	1
C	0.0500	7741586.60	2.47e+06	----------	----------	1
D	0.1000	15889736.20	5.23e+06	----------	----------	1
E	0.1500	23807685.25	7.95e+06	----------	----------	1

Calibration Curve : y = (-43924.722392) + (158886737.313214)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999916

Heptachlor
Component Type : Single Peak Component
Retention Time : 12.093 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	794849.00	245712.07	----------	----------	1
B	0.0100	1525435.60	480412.97	----------	----------	1
C	0.0500	7138586.10	2.33e+06	----------	----------	1
D	0.1000	14164751.60	4.61e+06	----------	----------	1
E	0.1500	21062043.90	6.82e+06	----------	----------	1

Calibration Curve : y = (127264.798906) + (139839176.703255)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999980

Aldrin
Component Type : Single Peak Component
Retention Time : 12.806 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	750898.90	232615.65	----------	----------	1
B	0.0100	1431826.00	450286.20	----------	----------	1
C	0.0500	6887008.40	2.21e+06	----------	----------	1
D	0.1000	13694448.50	4.40e+06	----------	----------	1
E	0.1500	20294191.98	6.54e+06	----------	----------	1

Calibration Curve : y = (104534.024028) + (135033978.736338)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999949

Hept. epoxide
Component Type : Single Peak Component
Retention Time : 14.247 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	658925.60	203498.23	----------	----------	1
B	0.0100	1272143.20	389813.90	----------	----------	1
C	0.0500	6052470.90	1.89e+06	----------	----------	1
D	0.1000	12018126.40	3.79e+06	----------	----------	1
E	0.1500	17768361.00	5.60e+06	----------	----------	1

Calibration Curve : y = (106998.526996) + (118206458.619110)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999925

gamma chlordane
Component Type : Single Peak Component
Retention Time : 14.526 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

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User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	643781.50	200502.08	----------	----------	1
B	0.0100	1246409.80	384183.70	----------	----------	1
C	0.0500	6183180.20	1.95e+06	----------	----------	1
D	0.1000	12579193.40	4.00e+06	----------	----------	1
E	0.1500	19104861.60	6.13e+06	----------	----------	1

Calibration Curve : y = (-62760.887042) + (127210256.937173)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999866

alpha chlordane
Component Type : Single Peak Component
Retention Time : 14.827 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	615391.20	191843.91	----------	----------	1
B	0.0100	1194960.00	363343.63	----------	----------	1
C	0.0500	5784966.30	1.83e+06	----------	----------	1
D	0.1000	11776349.30	3.73e+06	----------	----------	1
E	0.1500	17687075.00	5.69e+06	----------	----------	1

Calibration Curve : y = (-10832.193921) + (117818734.784979)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999944

4,4'-DDE
Component Type : Single Peak Component
Retention Time : 15.047 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	526715.80	167440.73	----------	----------	1
B	0.0100	1060448.07	333093.47	----------	----------	1
C	0.0500	5373128.61	1.75e+06	----------	----------	1
D	0.1000	11121417.51	3.67e+06	----------	----------	1
E	0.1500	16747655.75	5.54e+06	----------	----------	1

Calibration Curve : y = (-92495.791986) + (112037602.228602)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999873

Endosulfan I
Component Type : Single Peak Component
Retention Time : 15.123 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	606531.00	183138.16	----------	----------	1
B	0.0100	1175805.33	345879.57	----------	----------	1
C	0.0500	5627607.79	1.70e+06	----------	----------	1
D	0.1000	11284155.59	3.45e+06	----------	----------	1
E	0.1500	16550444.85	5.10e+06	----------	----------	1

Calibration Curve : y = (94388.894964) + (110389206.613021)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999809

Dieldrin
Component Type : Single Peak Component
Retention Time : 15.658 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	580512.00	178002.16	----------	----------	1
B	0.0100	1142725.00	342291.37	----------	----------	1
C	0.0500	5593131.30	1.72e+06	----------	----------	1
D	0.1000	11494555.00	3.54e+06	----------	----------	1
E	0.1500	16982332.80	5.24e+06	----------	----------	1

Calibration Curve : y = (1815.442053) + (113600563.759299)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999852

Endrin
Component Type : Single Peak Component
Retention Time : 16.161 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	425010.00	124457.58	----------	----------	1
B	0.0100	887018.50	260196.90	----------	----------	1
C	0.0500	4589971.60	1.37e+06	----------	----------	1
D	0.1000	9397554.90	2.84e+06	----------	----------	1
E	0.1500	14383874.40	4.36e+06	----------	----------	1

Calibration Curve : y = (-115001.878788) + (96058532.349154)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999775

4,4'-DDD
Component Type : Single Peak Component
Retention Time : 16.355 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	407408.40	111315.57	----------	----------	1
B	0.0100	826058.50	236208.03	----------	----------	1
C	0.0500	4009756.20	1.20e+06	----------	----------	1
D	0.1000	8226519.40	2.54e+06	----------	----------	1
E	0.1500	12052823.60	3.78e+06	----------	----------	1

Calibration Curve : y = (18997.927617) + (80722462.013364)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999737

Endosulfan II
Component Type : Single Peak Component
Retention Time : 16.655 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	437685.80	126837.49	----------	----------	1
B	0.0100	868757.40	256004.01	----------	----------	1
C	0.0500	4147839.40	1.21e+06	----------	----------	1
D	0.1000	8368746.90	2.51e+06	----------	----------	1
E	0.1500	12227919.30	3.65e+06	----------	----------	1

Calibration Curve : y = (64142.026571) + (81683297.356021)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999727

4,4'-DDT
Component Type : Single Peak Component
Retention Time : 16.950 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	219945.20	68742.03	----------	----------	1
B	0.0100	509854.80	161275.67	----------	----------	1
C	0.0500	3210660.90	999061.79	----------	----------	1
D	0.1000	6969821.10	2.20e+06	----------	----------	1
E	0.1500	11052006.40	3.56e+06	----------	----------	1

Calibration Curve : y = (-299105.501751) + (74469255.629028)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998402

Endrin aldehyde
Component Type : Single Peak Component
Retention Time : 17.573 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	318575.20	89175.95	----------	----------	1
B	0.0100	644449.90	180249.24	----------	----------	1
C	0.0500	2933690.60	832256.04	----------	----------	1
D	0.1000	5792264.00	1.66e+06	----------	----------	1
E	0.1500	8417256.70	2.46e+06	----------	----------	1

Calibration Curve : y = (92571.445026) + (56010727.539267)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999577

Methoxychlor
Component Type : Single Peak Component
Retention Time : 18.003 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	111242.40	34764.49	----------	----------	1
B	0.0100	256510.00	81987.26	----------	----------	1
C	0.0500	1522414.40	472310.50	----------	----------	1
D	0.1000	3226284.70	1.01e+06	----------	----------	1
E	0.1500	4995996.57	1.58e+06	----------	----------	1

Calibration Curve : y = (-97517.114616) + (33650900.446415)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999441

Endo. Sulfate
Component Type : Single Peak Component
Retention Time : 18.509 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	332516.20	93378.80	----------	----------	1
B	0.0100	656947.50	190677.96	----------	----------	1
C	0.0500	3226048.40	925334.08	----------	----------	1
D	0.1000	6482269.40	1.88e+06	----------	----------	1
E	0.1500	9637093.50	2.85e+06	----------	----------	1

Calibration Curve : y = (17211.655236) + (64281957.853403)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999969

Endrin ketone
Component Type : Single Peak Component
Retention Time : 19.094 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

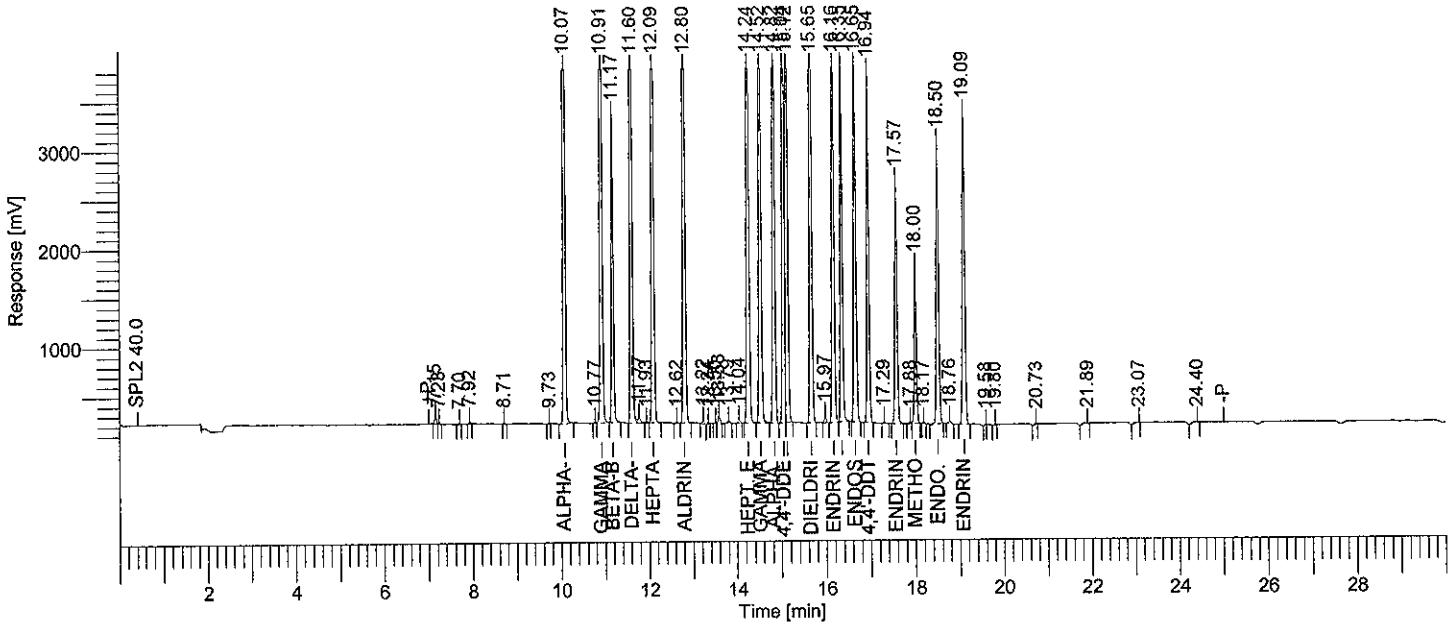
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	369955.90	102392.10	----------	----------	1
B	0.0100	737672.40	204551.80	----------	----------	1
C	0.0500	3706719.20	1.02e+06	----------	----------	1
D	0.1000	7454995.20	2.11e+06	----------	----------	1
E	0.1500	11256633.80	3.16e+06	----------	----------	1

Calibration Curve : y = (-21538.577094) + (75027521.858639)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999975

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:20
Reprocess Number	: buf2048: 83004		
Operator	: tchrom	Sample Name	: ICM25ZT
Sample Number	: .15	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/29
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 14:20:06	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6a29029.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29029.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29029.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29029.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29029.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

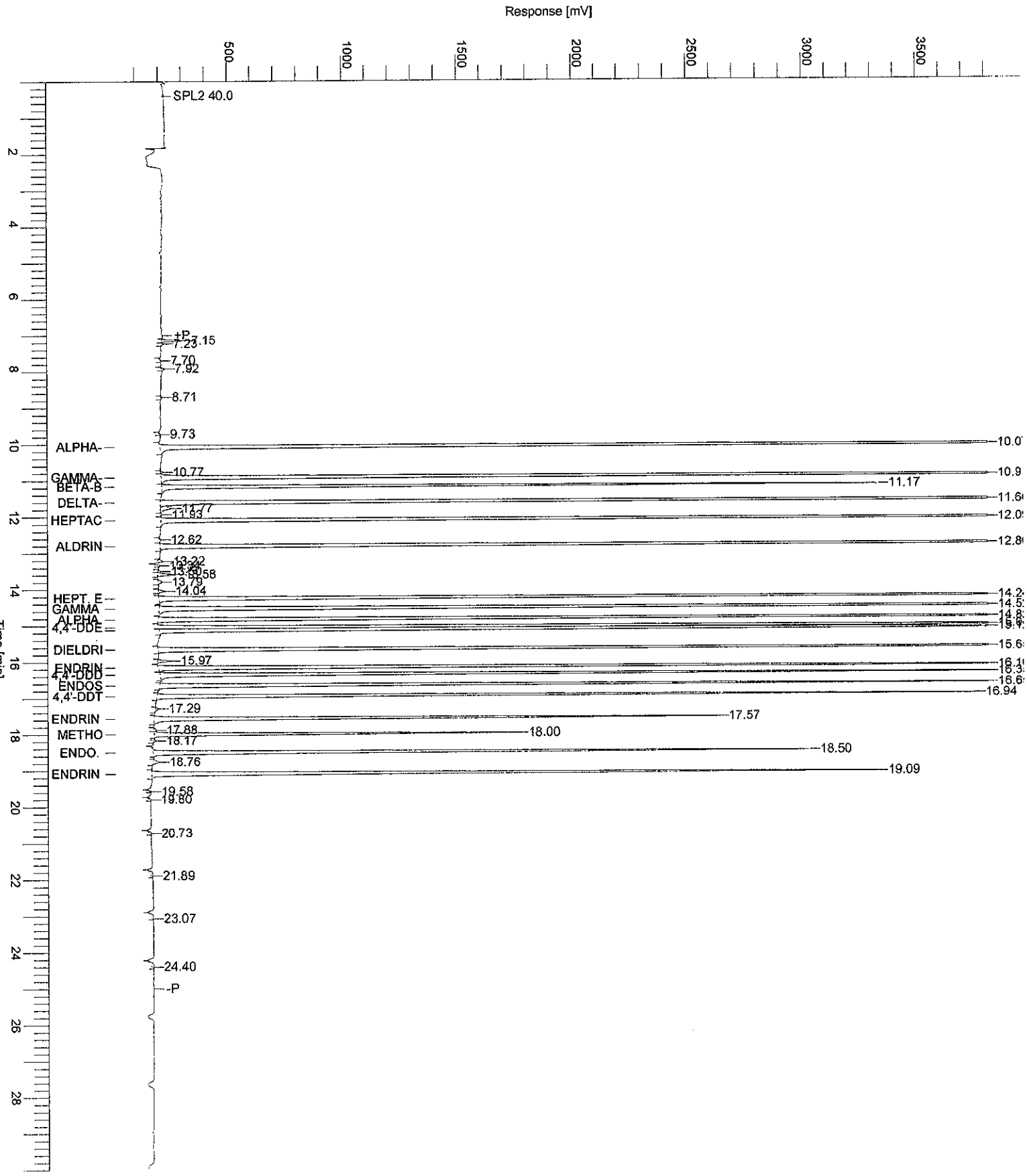
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.15	226326		B	0.22633	85344.82
2	7.23	21878		V	0.02188	8964.89
3	7.70	11151		B	0.01115	2157.93
4	7.92	45723		B	0.04572	16445.33
5	8.71	18037		B	0.01804	5548.65
6	9.73	10835		B	0.01083	2339.10
7	10.07	24411109	alpha-BHC	B	0.15000	8.43e+06
8	10.77	27467		B	0.02747	10724.37
9	10.91	22478286	gamma-BHC	V	0.15000	7.57e+06
10	11.17	9484848	beta-BHC	B	0.15000	3.12e+06
11	11.60	23807685	delta-BHC	B	0.15000	7.95e+06
12	11.77	297184		E	0.29718	49645.53
13	11.93	18919		V	0.01892	5426.13
14	12.09	21062044	Heptachlor	V	0.15000	6.82e+06
15	12.62	31265		B	0.03126	7329.27
16	12.80	20294192	Aldrin	V	0.15000	6.54e+06

11/30/2008 13:14:20 Result: H:\TURBO6\6890-06\6a29029.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	13.22	101944		B	0.10194	29053.15
18	13.34	32678		B	0.03268	8327.85
19	13.50	35949		B	0.03595	11894.46
20	13.58	245100		V	0.24510	74818.70
21	13.79	77558		B	0.07756	16496.08
22	14.04	93642		B	0.09364	30958.31
23	14.24	17768361	Hept. epoxide	B	0.15000	5.60e+06
24	14.52	19104862	gamma chlordane	B	0.15000	6.13e+06
25	14.82	17687075	alpha chlordane	B	0.15000	5.69e+06
26	15.04	16747656	4,4'-DDE	B	0.15000	5.54e+06
27	15.12	16550445	Endosulfan I	V	0.15000	5.10e+06
28	15.65	16982333	Dieldrin	B	0.15000	5.24e+06
29	15.97	175851		B	0.17585	57451.75
30	16.16	14383874	Endrin	B	0.15000	4.36e+06
31	16.35	12052824	4,4'-DDD	B	0.15000	3.78e+06
32	16.65	12227919	Endosulfan II	B	0.15000	3.65e+06
33	16.94	11052006	4,4'-DDT	B	0.15000	3.56e+06
34	17.29	49709		B	0.04971	12865.01
35	17.57	8417257	Endrin aldehyde	B	0.15000	2.46e+06
36	17.88	46656		B	0.04666	9611.73
37	18.00	4995997	Methoxychlor	V	0.15000	1.58e+06
38	18.17	27060		B	0.02706	9394.63
39	18.50	9637093	Endo. Sulfate	B	0.15000	2.85e+06
40	18.76	115099		B	0.11510	27346.02
41	19.09	11256634	Endrin ketone	B	0.15000	3.16e+06
42	19.58	18360		B	0.01836	4445.49
43	19.80	27794		B	0.02779	5221.33
44	20.73	43623		B	0.04362	5807.94
45	21.89	103100		B	0.10310	4940.03
46	23.07	88251		B	0.08825	3004.05
47	24.40	110114		B	0.11011	5450.52
		3e+08			5.10127	9.96e+07

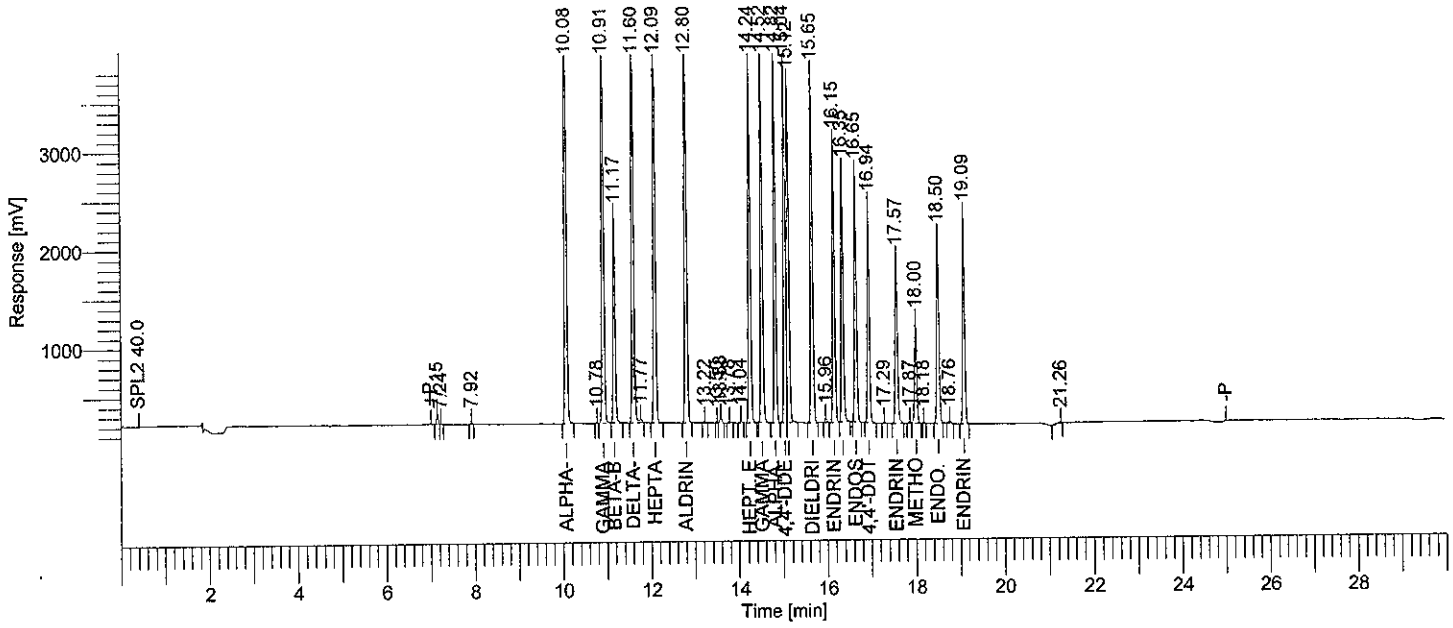
Chromatogram

Sample Name : ICM25ZT Sample #: .15 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29029.raw
Date : 11/30/2008 13:14:22
Method : 6890-6 bside ins Time of Injection: 11/29/2008 14:20:06
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:30
Reprocess Number	: buf2048: 83006		
Operator	: tchrom	Sample Name	: ICM25ZQ
Sample Number	: .10	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/30
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 14:56:24	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6a29030.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29030.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29030.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29030.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29030.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.15	291920		B	0.29192	110287.80
2	7.24	18110		V	0.01811	7124.67
3	7.92	31993		B	0.03199	11839.77
4	10.08	16257088	alpha-BHC	B	0.10000	5.56e+06
5	10.78	21414		B	0.02141	8017.68
6	10.91	14918946	gamma-BHC	V	0.10000	4.99e+06
7	11.17	6403972	beta-BHC	B	0.10000	2.08e+06
8	11.60	15889736	delta-BHC	B	0.10000	5.23e+06
9	11.77	175055		E	0.17505	32058.07
10	12.09	14164752	Heptachlor	B	0.10000	4.61e+06
11	12.80	13694448	Aldrin	B	0.10000	4.40e+06
12	13.22	39991		B	0.03999	12813.95
13	13.50	13382		B	0.01338	5089.78
14	13.58	159060		V	0.15906	49794.31
15	13.78	53047		B	0.05305	12017.27
16	14.04	64852		B	0.06485	21655.65

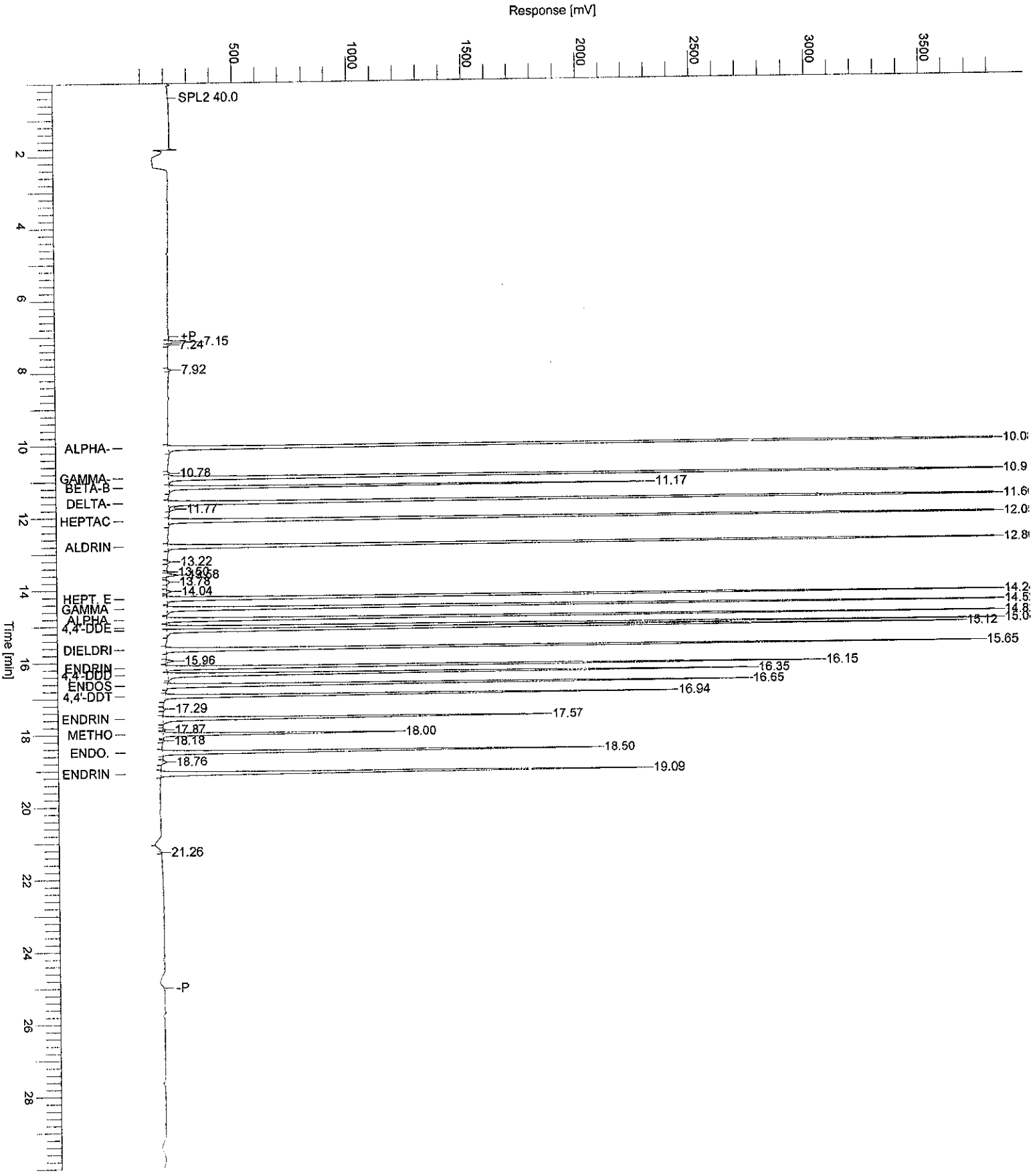
11/30/2008 13:14:30 Result: H:\TURBO6\6890-06\6a29030.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	14.24	12018126	Hept. epoxide	B	0.10000	3.79e+06
18	14.52	12579193	gamma chlordane	B	0.10000	4.00e+06
19	14.82	11776349	alpha chlordane	B	0.10000	3.73e+06
20	15.04	11121418	4,4'-DDE	B	0.10000	3.67e+06
21	15.12	11284156	Endosulfan I	V	0.10000	3.45e+06
22	15.65	11494555	Dieldrin	B	0.10000	3.54e+06
23	15.96	115421		B	0.11542	37500.82
24	16.15	9397555	Endrin	B	0.10000	2.84e+06
25	16.35	8226519	4,4'-DDD	B	0.10000	2.54e+06
26	16.65	8368747	Endosulfan II	B	0.10000	2.51e+06
27	16.94	6969821	4,4'-DDT	B	0.10000	2.20e+06
28	17.29	30919		B	0.03092	8833.89
29	17.57	5792264	Endrin aldehyde	B	0.10000	1.66e+06
30	17.87	27212		B	0.02721	8339.98
31	18.00	3226285	Methoxychlor	V	0.10000	1.01e+06
32	18.18	13039		B	0.01304	5182.77
33	18.50	6482269	Endo. Sulfate	B	0.10000	1.88e+06
34	18.76	74127		B	0.07413	18646.17
35	19.09	7454995	Endrin ketone	B	0.10000	2.11e+06
36	21.26	57343		B	0.05734	3913.60
		2e+08			3.18688	6.61e+07

Chromatogram

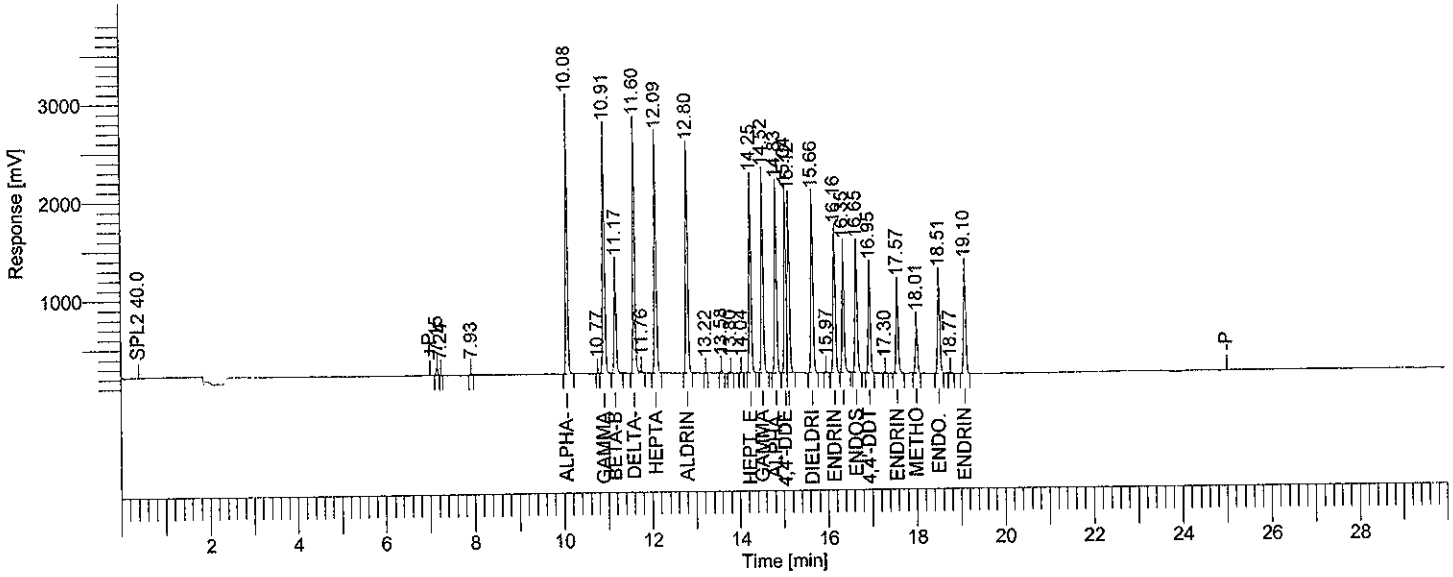
Sample Name : ICM25ZQ
FileName : H:\TURBO6\6890-06\6a29030.raw
Date : 11/30/2008 13:14:31
Method : 6890-6 bside ins
Start Time : 0.00 min
End Time : 30.00 min
Plot Offset: 10.00 mV
Plot Scale: 3800.0 mV

Sample #: .10
Page 1 of 1
Time of Injection: 11/29/2008 14:56:24
Low Point : 10.00 mV
High Point : 3810.00 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:38
Reprocess Number	: buf2048: 83008		
Operator	: tchrom	Sample Name	: ICM25ZU
Sample Number	: .05	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/31
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 15:32:57	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6a29031.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29031.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29031.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29031.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29031.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.15	204534		B	0.20453	76447.11
2	7.24	8425		B	0.00842	3650.47
3	7.93	28414		B	0.02841	9987.75
4	10.08	7946756	alpha-BHC	B	0.05000	2.70e+06
5	10.77	9011		B	0.00901	3874.90
6	10.91	7338717	gamma-BHC	B	0.05000	2.41e+06
7	11.17	3278511	beta-BHC	B	0.05000	1.03e+06
8	11.60	7741587	delta-BHC	B	0.05000	2.47e+06
9	11.76	101165		E	0.10116	18169.78
10	12.09	7138586	Heptachlor	B	0.05000	2.33e+06
11	12.80	6887008	Aldrin	B	0.05000	2.21e+06
12	13.22	19293		B	0.01929	6687.54
13	13.58	78798		B	0.07880	25723.64
14	13.80	35739		B	0.03574	8536.78
15	14.04	30880		B	0.03088	10432.63
16	14.25	6052471	Hept. epoxide	B	0.05000	1.89e+06

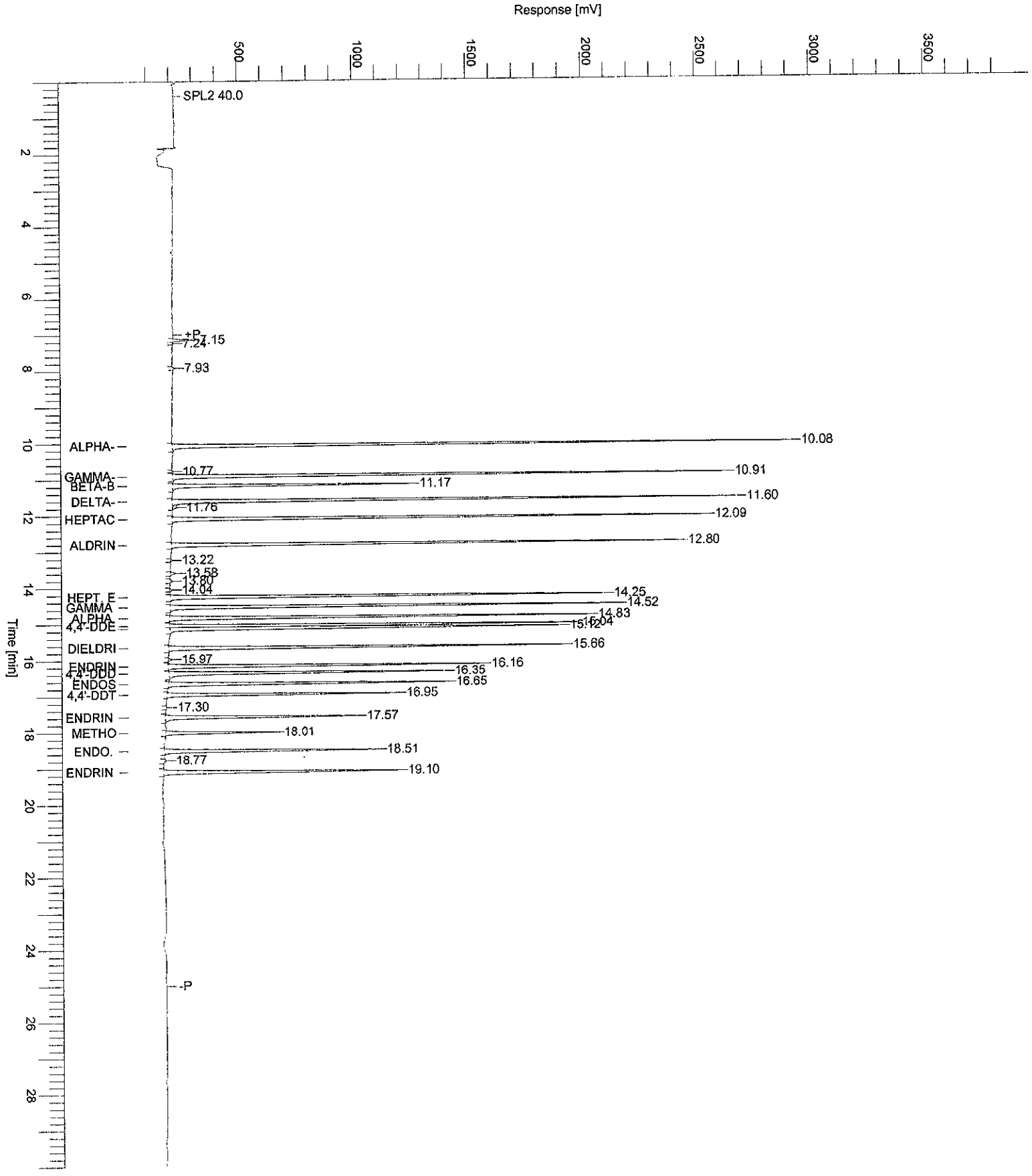
11/30/2008 13:14:38 Result: H:\TURBO6\6890-06\6a29031.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	14.52	6183180	gamma chlordane	B	0.05000	1.95e+06
18	14.83	5784966	alpha chlordane	B	0.05000	1.83e+06
19	15.04	5373129	4,4'-DDE	B	0.05000	1.75e+06
20	15.12	5627608	Endosulfan I	V	0.05000	1.70e+06
21	15.66	5593131	Dieldrin	B	0.05000	1.72e+06
22	15.97	52610		B	0.05261	17290.09
23	16.16	4589972	Endrin	B	0.05000	1.37e+06
24	16.35	4009756	4,4'-DDD	B	0.05000	1.20e+06
25	16.65	4147839	Endosulfan II	B	0.05000	1.21e+06
26	16.95	3210661	4,4'-DDT	B	0.05000	999061.79
27	17.30	20839		B	0.02084	5999.27
28	17.57	2933691	Endrin aldehyde	B	0.05000	832256.04
29	18.01	1522414	Methoxychlor	B	0.05000	472310.50
30	18.51	3226048	Endo. Sulfate	B	0.05000	925334.08
31	18.77	29541		B	0.02954	8021.01
32	19.10	3706719	Endrin ketone	B	0.05000	1.02e+06
		1e+08			1.61925	3.22e+07

Chromatogram

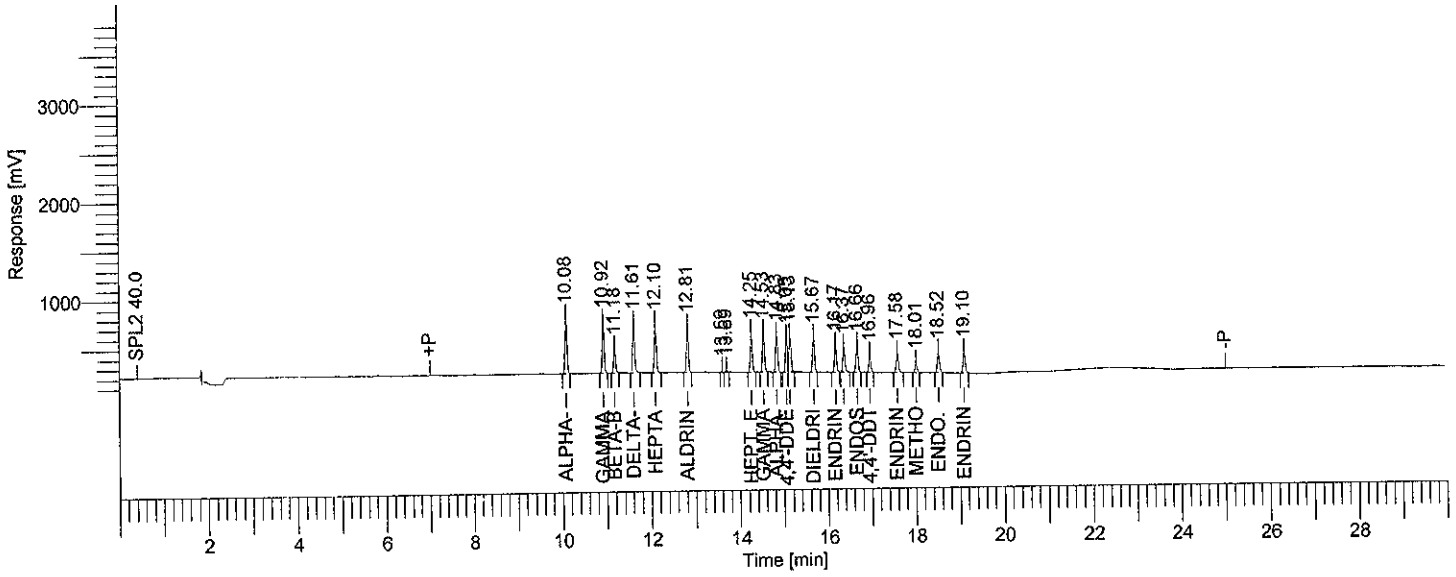
Sample Name : ICM25ZU
FileName : H:\TURBO6\6890-06\6a29031.raw
Date : 11/30/2008 13:14:40
Method : 6890-6 bside ins
Start Time : 0.00 min End Time : 30.00 min
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV

Sample #: .05 Page 1 of 1
Time of Injection: 11/29/2008 15:32:57
Low Point : 10.00 mV High Point : 3810.00 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:47
Reprocess Number	: buf2048: 83010		
Operator	: tchrom	Sample Name	: ICM25ZQ DF10
Sample Number	: 0.01	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/32
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 16:09:22	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6a29032.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29032.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29032.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29032.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29032.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

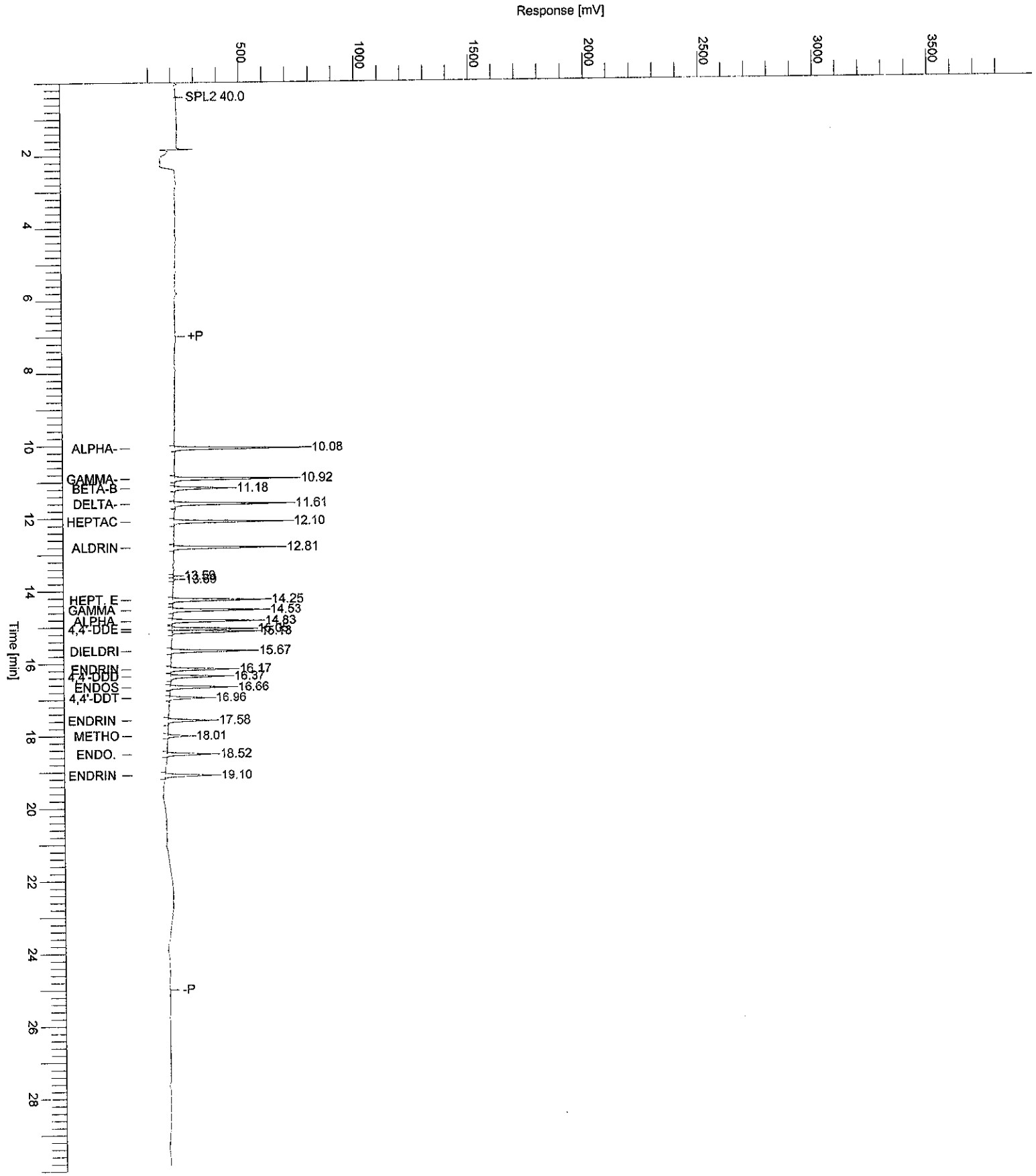
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	10.08	1694120	alpha-BHC	B	0.01000	554598.51
2	10.92	1586221	gamma-BHC	B	0.01000	506848.85
3	11.18	738119	beta-BHC	B	0.01000	228904.74
4	11.61	1580240	delta-BHC	B	0.01000	485451.62
5	12.10	1525436	Heptachlor	B	0.01000	480412.97
6	12.81	1431826	Aldrin	B	0.01000	450286.20
7	13.59	12288		B	0.01229	4731.28
8	13.69	28457		B	0.02846	8923.02
9	14.25	1272143	Hept. epoxide	B	0.01000	389813.90
10	14.53	1246410	gamma chlordane	B	0.01000	384183.70
11	14.83	1194960	alpha chlordane	B	0.01000	363343.63
12	15.05	1060448	4,4'-DDE	B	0.01000	333093.47
13	15.13	1175805	Endosulfan I	V	0.01000	345879.57
14	15.67	1142725	Dieldrin	B	0.01000	342291.37
15	16.17	887018	Endrin	B	0.01000	260196.90
16	16.37	826058	4,4'-DDD	B	0.01000	236208.03

11/30/2008 13:14:47 Result: H:\TURBO6\6890-06\6a29032.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	16.66	868757	Endosulfan II	B	0.01000	256004.01
18	16.96	509855	4,4'-DDT	B	0.01000	161275.67
19	17.58	644450	Endrin aldehyde	B	0.01000	180249.24
20	18.01	256510	Methoxychlor	B	0.01000	81987.26
21	18.52	656948	Endo. Sulfate	B	0.01000	190677.96
22	19.10	737672	Endrin ketone	B	0.01000	204551.80
		21076467			0.24074	6.45e+06

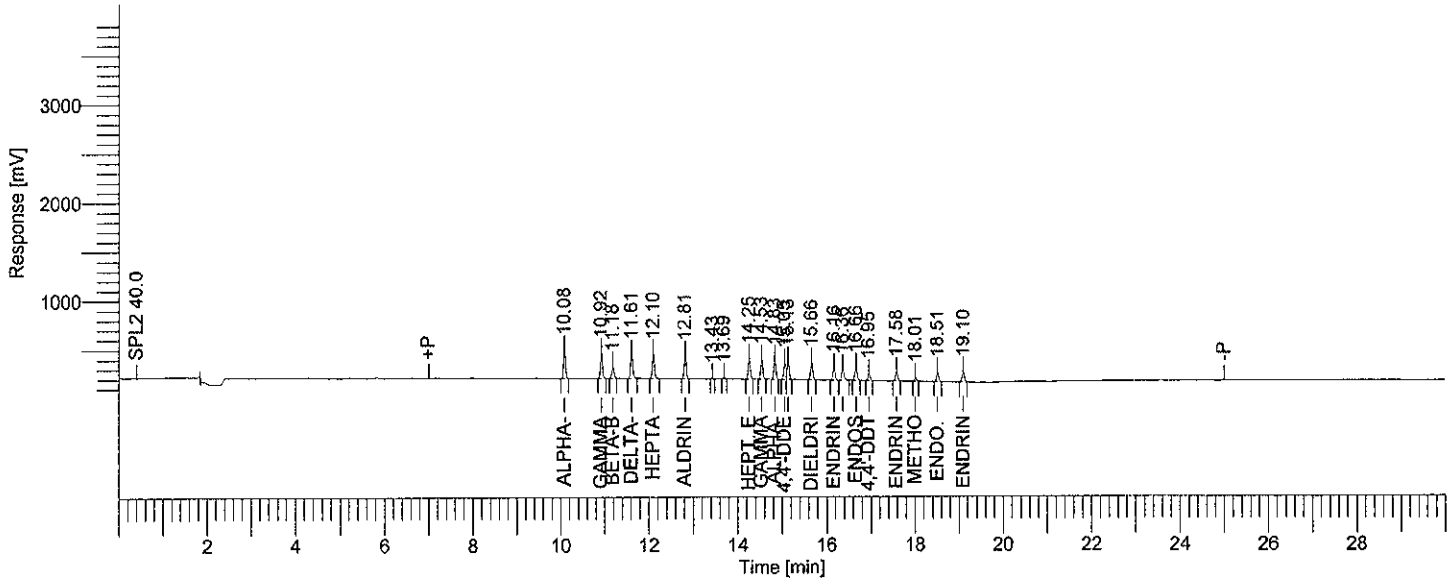
Chromatogram

Sample Name : ICM25ZQ DF10 Sample #: 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29032.raw
Date : 11/30/2008 13:14:48
Method : 6890-6 bside ins Time of Injection: 11/29/2008 16:09:22
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:55
Reprocess Number	: buf2048: 83012		
Operator	: tchrom	Sample Name	: ICM25ZU DF10
Sample Number	: 0.005	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/33
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 16:45:50	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6a29033.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29033.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29033.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29033.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29033.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

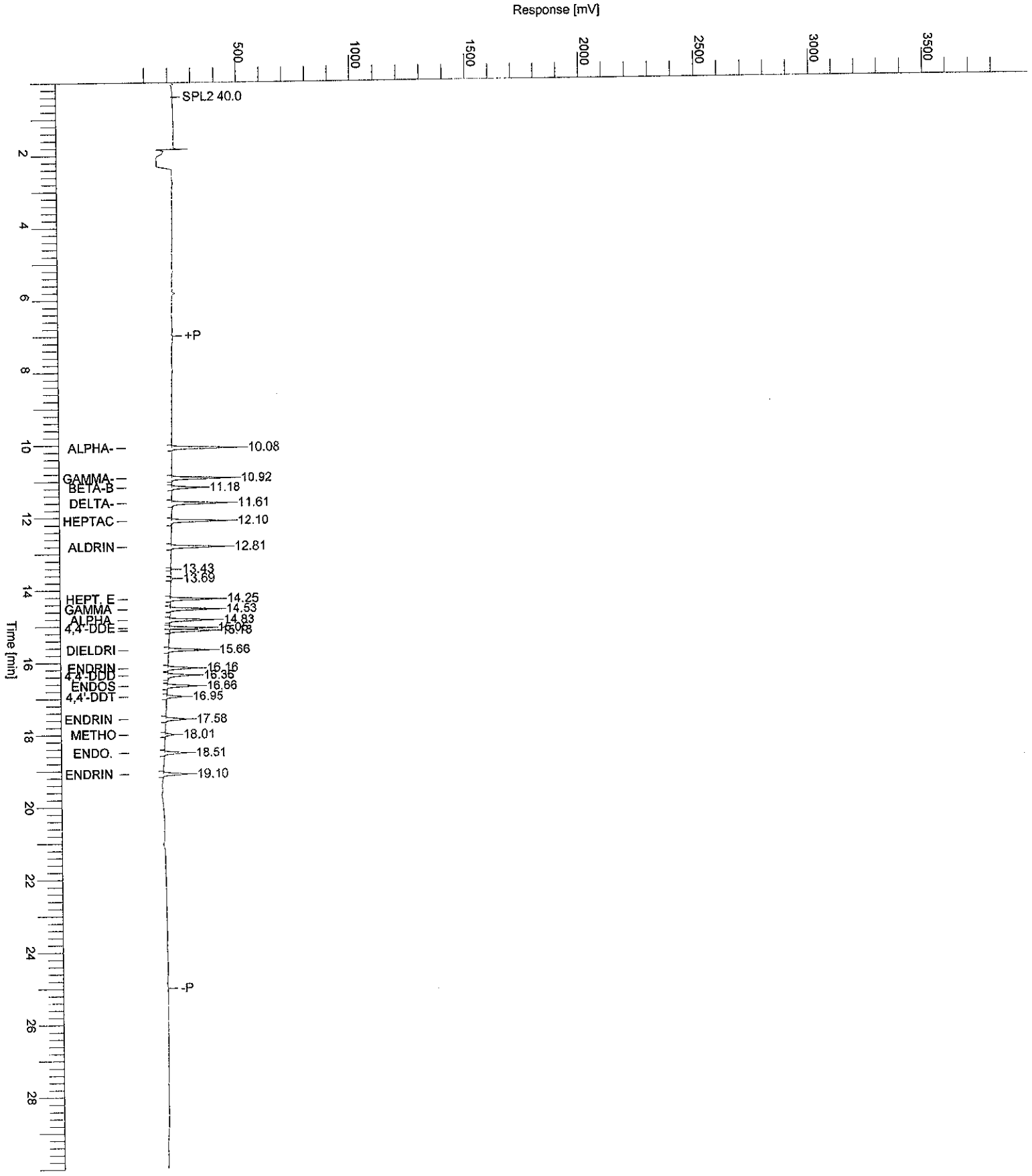
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	10.08	898506	alpha-BHC	B	0.00500	287789.68
2	10.92	832483	gamma-BHC	B	0.00500	258117.66
3	11.18	385887	beta-BHC	B	0.00500	119959.86
4	11.61	810451	delta-BHC	B	0.00500	244001.63
5	12.10	794849	Heptachlor	B	0.00500	245712.07
6	12.81	750899	Aldrin	B	0.00500	232615.65
7	13.43	14101		B	0.01410	5192.11
8	13.69	33618		B	0.03362	9604.91
9	14.25	658926	Hept. epoxide	B	0.00500	203498.23
10	14.53	643781	gamma chlordane	B	0.00500	200502.08
11	14.83	615391	alpha chlordane	B	0.00500	191843.91
12	15.05	526716	4,4'-DDE	B	0.00500	167440.73
13	15.13	606531	Endosulfan I	V	0.00500	183138.16
14	15.66	580512	Dieldrin	B	0.00500	178002.16
15	16.16	425010	Endrin	B	0.00500	124457.58
16	16.36	407408	4,4'-DDD	B	0.00500	111315.57

11/30/2008 13:14:55 Result: H:\TURBO6\6890-06\6a29033.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	16.66	437686	Endosulfan II	B	0.00500	126837.49
18	16.95	219945	4,4'-DDT	B	0.00500	68742.03
19	17.58	318575	Endrin aldehyde	B	0.00500	89175.95
20	18.01	111242	Methoxychlor	B	0.00500	34764.49
21	18.51	332516	Endo. Sulfate	B	0.00500	93378.80
22	19.10	369956	Endrin ketone	B	0.00500	102392.10
		10774989			0.14772	3.28e+06

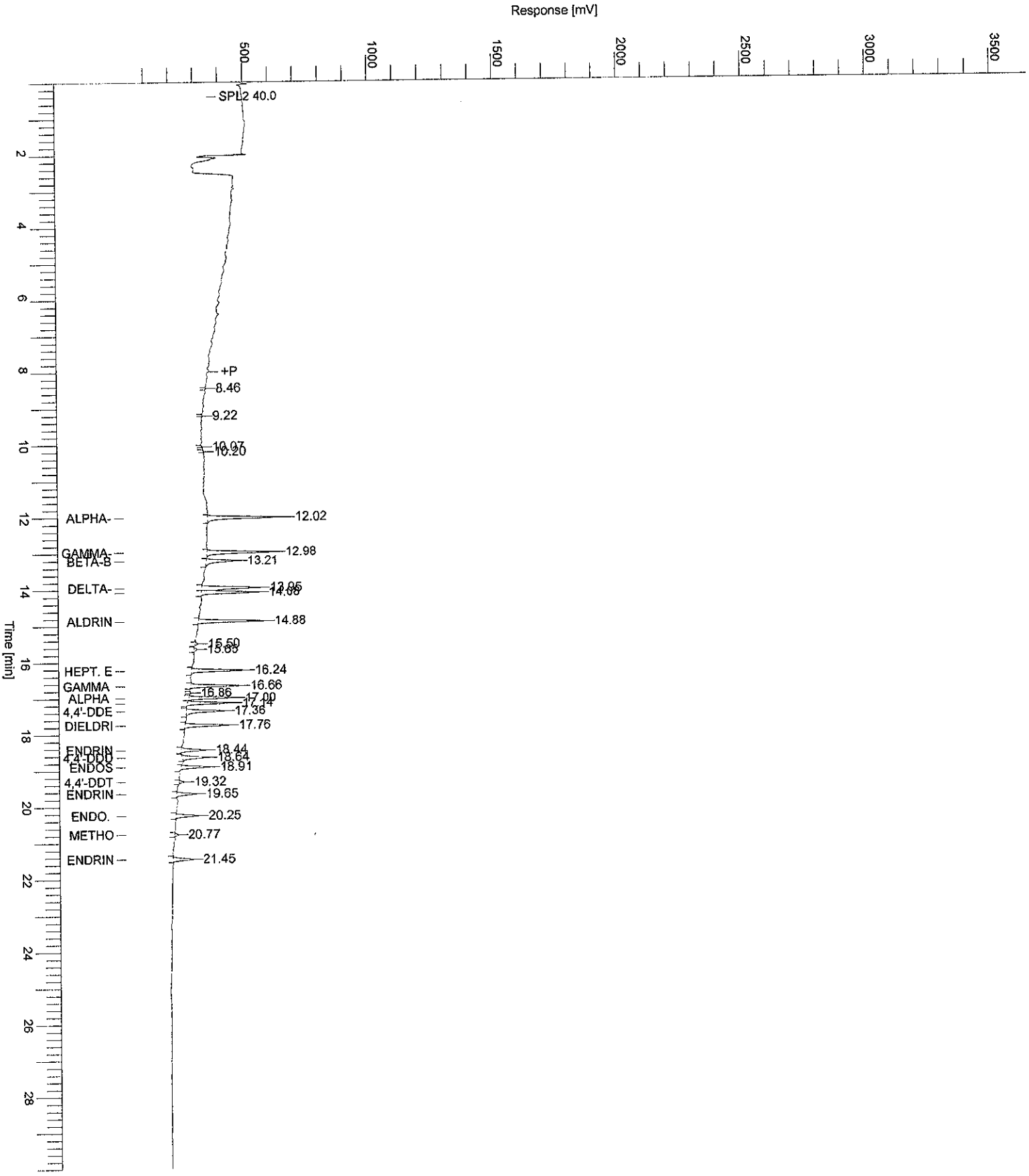
Chromatogram

Sample Name : ICM25ZU DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29033.raw
Date : 11/30/2008 13:14:57
Method : 6890-6 bside ins Time of Injection: 11/29/2008 16:45:50
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



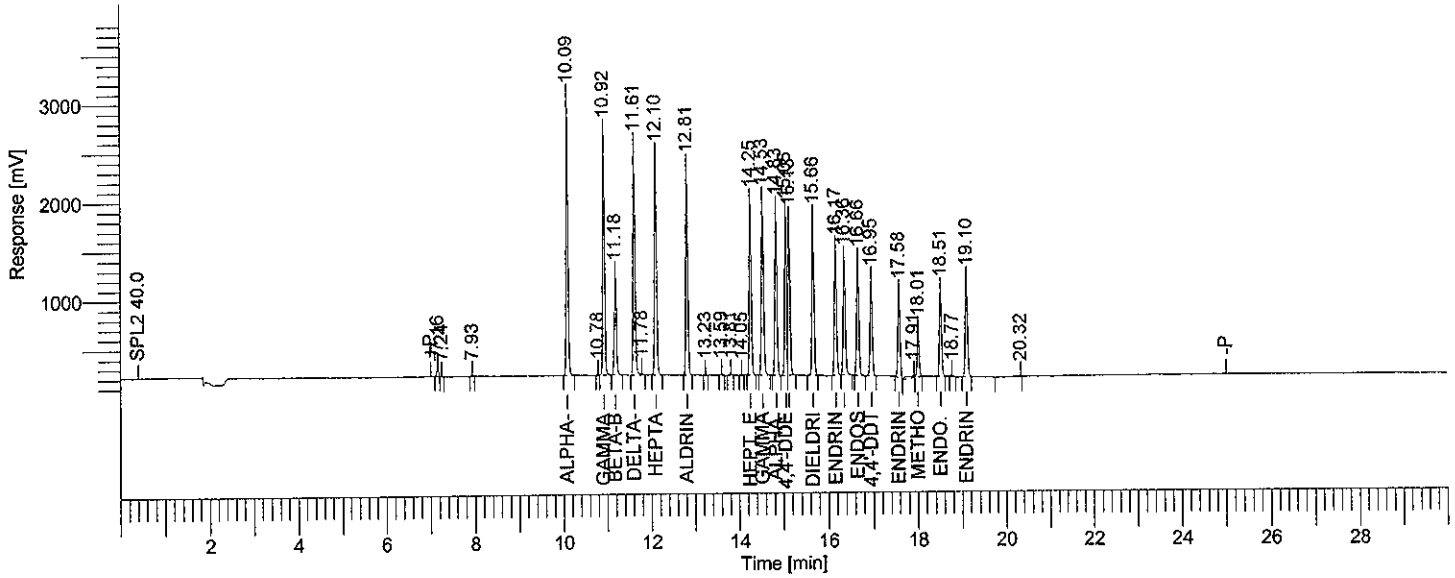
Chromatogram

Sample Name : ICM25ZU DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29033.raw
Date : 11/30/2008 13:15:01
Method : 6890-6 bside ins Time of Injection: 11/29/2008 16:45:50
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:31:49
Reprocess Number	: buf2048: 83015		
Operator	: tchrom	Sample Name	: ICM25YE
Sample Number	: 0.05	Study	: 2ND SOURCE
AutoSampler	: BUILT-IN	Rack/Vial	: 1/34
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 17:22:11	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6a29034.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29034.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29034.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29034.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29034.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.09	BB	8304666	alpha-BHC	0.05107	2.82e+06	2.1	10.04 -	10.14
10.92	VB	7460736	gamma-BHC	0.04980	2.46e+06	-0.4	10.87 -	10.97
11.18	BB	3170545	beta-BHC	0.04884	1.00e+06	-2.3	11.13 -	11.23
11.61	BE	7204425	delta-BHC	0.04562	2.32e+06	-8.8	11.56 -	11.66
12.10	BB	6837895	Heptachlor	0.04799	2.22e+06	-4.0	12.05 -	12.15
12.81	BB	6544973	Aldrin	0.04769	2.10e+06	-4.6	12.76 -	12.86
14.25	BB	5641332	Hept. epoxide	0.04682	1.75e+06	-6.4	14.20 -	14.30
14.53	BB	5619532	gamma chlordane	0.04467	1.77e+06	-10.7	14.48 -	14.58
14.83	BB	5357358	alpha chlordane	0.04556	1.68e+06	-8.9	14.78 -	14.88
15.05	BV	5013185	4,4'-DDE	0.04557	1.64e+06	-8.9	15.00 -	15.10
15.13	VB	5158060	Endosulfan I	0.04587	1.57e+06	-8.3	15.08 -	15.18
15.66	BB	5167564	Dieldrin	0.04547	1.58e+06	-9.1	15.61 -	15.71
16.17	BB	4314269	Endrin	0.04611	1.27e+06	-7.8	16.12 -	16.22
16.36	BB	3790947	4,4'-DDD	0.04673	1.16e+06	-6.5	16.31 -	16.41
16.66	BB	3919266	Endosulfan II	0.04720	1.15e+06	-5.6	16.61 -	16.71
16.95	BB	3070357	4,4'-DDT	0.04525	960585.04	-9.5	16.90 -	17.00

11/30/2008 13:31:49 Result: H:\TURBO6\6890-06\6a29034.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
17.58	BB	2904973	Endrin aldehyde	0.05021	854845.63	0.4	17.53 -	17.63
18.01	VB	1518601	Methoxychlor	0.04803	460929.99	-3.9	17.96 -	18.06
18.51	BB	2986541	Endo. Sulfate	0.04619	858207.19	-7.6	18.46 -	18.56
19.10	BB	3476845	Endrin ketone	0.04663	969147.44	-6.7	19.05 -	19.15
		97462069		0.94131	3.06e+07			

Missing Component Report

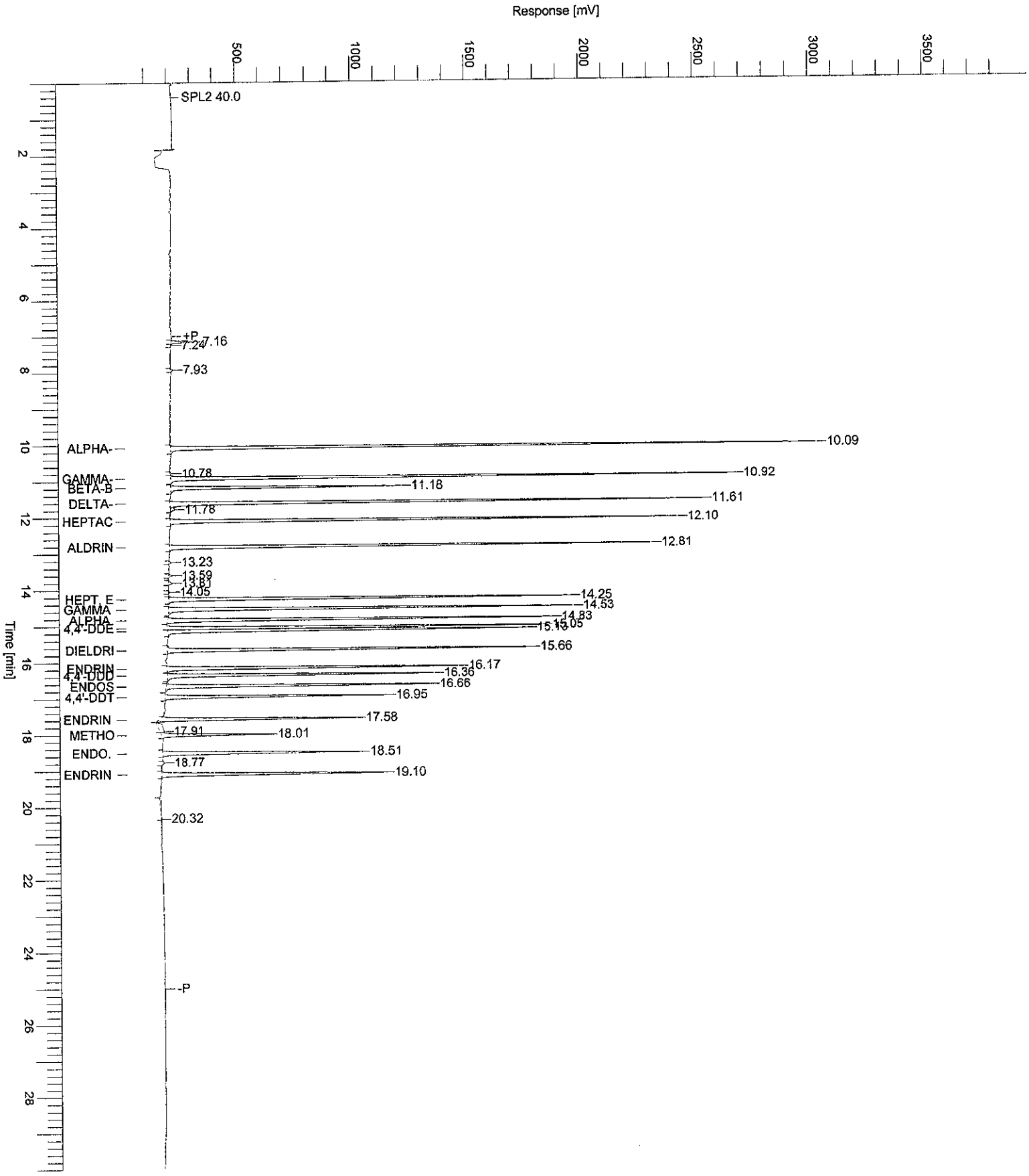
Component	Expected Retention (Calibration File)

All components were found

Chromatogram

Sample Name : ICM25YE
FileName : H:\TURBO6\6890-06\6a29034.raw
Date : 11/30/2008 13:31:51
Method : 6890-6 bside ins
Start Time : 0.00 min End Time : 30.00 min
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV

Sample #: 0.05 Page 1 of 1
Time of Injection: 11/29/2008 17:22:11
Low Point : 10.00 mV High Point : 3810.00 mV



aldehyde %RSD

TotalChrom Method File H:\TURBO6\6890-06\6B-(11-29-08).mth
Printed by : NearyM on: 11/30/2008 13:26:52
Created by : NearyM on: 11/30/2008 13:07:27
Edited by : NearyM on: 11/30/2008 13:26:45
Number of Times Edited : 1
Number of Times Calibrated : 2572
Description: PEST CURVE 11-14-08

Processed by: _____ / /

Reviewed by: DEB 12/1/08

Global Sample Information

Default Sample Volume : 1.000 ul
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information

alpha-BHC
Component Type : Single Peak Component
Retention Time : 12.011 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	1198535.00	308727.18	----------	----------	1
B	0.0100	2099658.00	542990.32	----------	----------	1
C	0.0500	8538646.20	2.42e+06	----------	----------	1
D	0.1000	17329463.20	5.15e+06	----------	----------	1
E	0.1500	25967178.29	7.92e+06	----------	----------	1

Calibration Curve : y = (271609.203021) + (170715659.402638)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999775

gamma-BHC
Component Type : Single Peak Component
Retention Time : 12.969 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	1079292.40	273114.16	----------	----------	1
B	0.0100	1941066.12	499607.61	----------	----------	1
C	0.0500	7827122.72	2.21e+06	----------	----------	1
D	0.1000	15830586.12	4.67e+06	----------	----------	1
E	0.1500	23503104.39	7.16e+06	----------	----------	1

Calibration Curve : y = (292370.169379) + (154664505.385208)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999849

beta-BHC
Component Type : Single Peak Component
Retention Time : 13.202 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	542219.40	123259.65	----------	----------	1
B	0.0100	976855.68	225301.13	----------	----------	1
C	0.0500	3808791.88	915056.89	----------	----------	1
D	0.1000	7172717.43	1.90e+06	----------	----------	1
E	0.1500	10059986.21	2.92e+06	----------	----------	1

Calibration Curve : y = (356616.878760) + (65960271.347000)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998035

delta-BHC
Component Type : Single Peak Component
Retention Time : 13.946 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	1026493.28	234159.11	----------	----------	1
B	0.0100	1834142.42	439229.71	----------	----------	1
C	0.0500	7759491.21	2.11e+06	----------	----------	1
D	0.1000	16129420.39	4.62e+06	----------	----------	1
E	0.1500	24738874.72	7.28e+06	----------	----------	1

Calibration Curve : y = (25339.985493) + (163053083.695303)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999146

Heptachlor
Component Type : Single Peak Component
Retention Time : 14.077 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	891626.52	230879.35	----------	----------	1
B	0.0100	1585187.58	424001.39	----------	----------	1
C	0.0500	6635192.59	1.94e+06	----------	----------	1
D	0.1000	13803254.40	4.12e+06	----------	----------	1
E	0.1500	20566680.48	6.19e+06	----------	----------	1

Calibration Curve : y = (128574.494434) + (135997040.008319)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999613

Aldrin
Component Type : Single Peak Component
Retention Time : 14.870 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	981542.10	266019.56	----------	----------	1
B	0.0100	1718976.60	472604.29	----------	----------	1
C	0.0500	7145920.36	2.11e+06	----------	----------	1
D	0.1000	14106286.64	4.24e+06	----------	----------	1
E	0.1500	20754832.50	6.29e+06	----------	----------	1

Calibration Curve : y = (338091.434365) + (136562224.348884)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999932

Hept. epoxide
Component Type : Single Peak Component
Retention Time : 16.233 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	811418.20	212789.30	----------	----------	1
B	0.0100	1441855.90	381582.92	----------	----------	1
C	0.0500	6295365.80	1.79e+06	----------	----------	1
D	0.1000	12482277.20	3.65e+06	----------	----------	1
E	0.1500	18679801.60	5.54e+06	----------	----------	1

Calibration Curve : y = (183963.296302) + (123145721.328534)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999984

gamma chlordane
Component Type : Single Peak Component
Retention Time : 16.661 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	731282.80	199033.97	----------	----------	1
B	0.0100	1315503.00	359136.69	----------	----------	1
C	0.0500	6050204.90	1.76e+06	----------	----------	1
D	0.1000	12198947.60	3.63e+06	----------	----------	1
E	0.1500	18403130.40	5.56e+06	----------	----------	1

Calibration Curve : y = (64184.492834) + (121835384.875654)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999903

alpha chlordane
Component Type : Single Peak Component
Retention Time : 16.993 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	668254.06	186815.34	----------	----------	1
B	0.0100	1208624.74	334724.58	----------	----------	1
C	0.0500	5507582.76	1.61e+06	----------	----------	1
D	0.1000	11103105.66	3.34e+06	----------	----------	1
E	0.1500	16773684.23	5.08e+06	----------	----------	1

Calibration Curve : y = (60771.572404) + (110975848.709274)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999883

Endosulfan I
Component Type : Single Peak Component
Retention Time : 17.135 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	667785.84	180863.59	----------	----------	1
B	0.0100	1195228.26	320154.62	----------	----------	1
C	0.0500	5378285.84	1.54e+06	----------	----------	1
D	0.1000	10787066.74	3.13e+06	----------	----------	1
E	0.1500	16143836.77	4.75e+06	----------	----------	1

Calibration Curve : y = (107133.809493) + (106782648.923736)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999965

4,4'-DDE
Component Type : Single Peak Component
Retention Time : 17.351 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	632789.80	153471.36	----------	----------	1
B	0.0100	1147235.00	285237.98	----------	----------	1
C	0.0500	5301941.20	1.48e+06	----------	----------	1
D	0.1000	10901128.50	3.22e+06	----------	----------	1
E	0.1500	16553762.00	5.03e+06	----------	----------	1

Calibration Curve : y = (-7326.253567) + (109757104.024869)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999688

Dieldrin
Component Type : Single Peak Component
Retention Time : 17.752 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	657345.40	175320.90	----------	----------	1
B	0.0100	1194138.80	319586.28	----------	----------	1
C	0.0500	5507240.40	1.56e+06	----------	----------	1
D	0.1000	11224460.60	3.25e+06	----------	----------	1
E	0.1500	16942773.20	4.95e+06	----------	----------	1

Calibration Curve : y = (28754.558149) + (112324394.661478)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999840

Endrin
Component Type : Single Peak Component
Retention Time : 18.436 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	368059.20	97064.82	----------	----------	1
B	0.0100	718275.80	190708.96	----------	----------	1
C	0.0500	3540817.80	977351.40	----------	----------	1
D	0.1000	7399830.60	2.09e+06	----------	----------	1
E	0.1500	11757452.20	3.36e+06	----------	----------	1

Calibration Curve : y = (-154661.338060) + (77961083.791531)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998138

4,4'-DDD
Component Type : Single Peak Component
Retention Time : 18.632 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	413459.20	100034.04	----------	----------	1
B	0.0100	852470.50	202454.07	----------	----------	1
C	0.0500	3769571.00	1.01e+06	----------	----------	1
D	0.1000	7965123.20	2.22e+06	----------	----------	1
E	0.1500	12007462.85	3.50e+06	----------	----------	1

Calibration Curve : y = (-33405.506087) + (79920994.787855)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999490

Endosulfan II
Component Type : Single Peak Component
Retention Time : 18.903 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	439011.80	117547.28	----------	----------	1
B	0.0100	828397.20	219247.61	----------	----------	1
C	0.0500	3779318.60	1.06e+06	----------	----------	1
D	0.1000	8077161.80	2.23e+06	----------	----------	1
E	0.1500	11896972.75	3.31e+06	----------	----------	1

Calibration Curve : y = (-6936.372488) + (79541409.575268)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999401

4,4'-DDT
Component Type : Single Peak Component
Retention Time : 19.312 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	61750.60	20270.47	----------	----------	1
B	0.0100	217628.90	65725.26	----------	----------	1
C	0.0500	1889517.30	554364.57	----------	----------	1
D	0.1000	4545999.90	1.36e+06	----------	----------	1
E	0.1500	7437090.80	2.32e+06	----------	----------	1

Calibration Curve : y = (-367220.773348) + (50755844.774345)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.995486

Endrin aldehyde
Component Type : Single Peak Component
Retention Time : 19.643 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	306641.00	78229.83	----------	----------	1
B	0.0100	589846.20	154306.82	----------	----------	1
C	0.0500	2604210.00	691486.47	----------	----------	1
D	0.1000	4274166.67	1.17e+06	----------	----------	1
E	0.1500	7887757.28	2.17e+06	----------	----------	1

Average Calibration Factor = 5.354475e+07 (%RSD = 13.53)

Endo. Sulfate
Component Type : Single Peak Component
Retention Time : 20.246 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	350997.80	92795.09	----------	----------	1
B	0.0100	669867.60	181967.13	----------	----------	1
C	0.0500	3170295.50	874513.92	----------	----------	1
D	0.1000	6442838.10	1.80e+06	----------	----------	1
E	0.1500	9617347.10	2.72e+06	----------	----------	1

Calibration Curve : y = (17858.933737) + (64006512.480366)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999949

Methoxychlor
Component Type : Single Peak Component
Retention Time : 20.769 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	51818.70	14961.65	----------	----------	1
B	0.0100	130361.06	37228.04	----------	----------	1
C	0.0500	939272.35	267519.49	----------	----------	1
D	0.1000	2097338.95	619848.54	----------	----------	1
E	0.1500	3383853.63	1.04e+06	----------	----------	1

Calibration Curve : y = (-122004.680138) + (22897358.999033)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997375

Endrin ketone
Component Type : Single Peak Component
Retention Time : 21.445 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

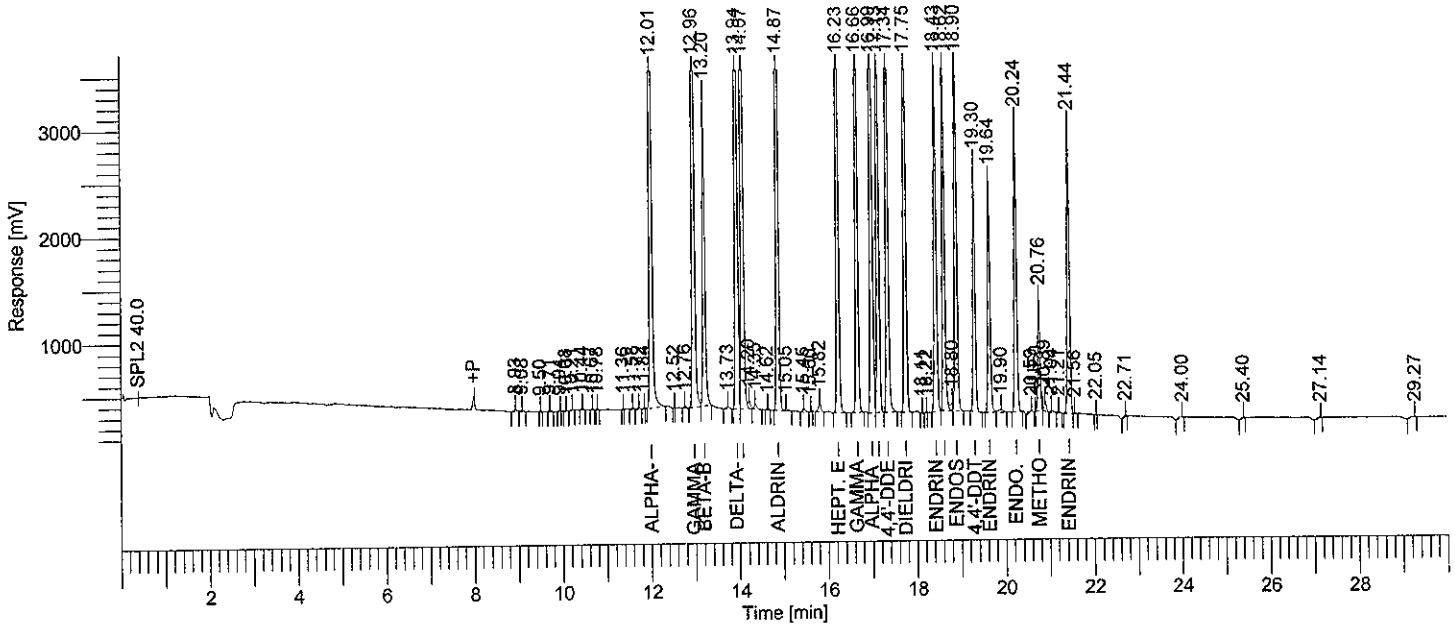
11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	332567.40	80808.79	----------	----------	1
B	0.0100	668149.80	165555.87	----------	----------	1
C	0.0500	3275163.80	811061.03	----------	----------	1
D	0.1000	7262461.60	1.78e+06	----------	----------	1
E	0.1500	10496348.40	2.70e+06	----------	----------	1

Calibration Curve : y = (-64970.893979) + (70982684.031414)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998626

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:21:38
Reprocess Number	: buf2048: 83014		
Operator	: tchrom	Sample Name	: ICM25ZT
Sample Number	: .15	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/29
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 14:20:06	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6b29029.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29029.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29029.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29029.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08).mth from H:\TURBO6\6890-06\6b29029.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.93	114903		B	0.11490	21447.43
2	9.08	66478		V	0.06648	12106.70
3	9.50	9394		B	0.00939	4042.93
4	9.71	57893		B	0.05789	15485.57
5	9.94	11672		B	0.01167	2934.31
6	10.08	18617		B	0.01862	5116.10
7	10.21	34949		B	0.03495	7743.66
8	10.44	46011		B	0.04601	13761.94
9	10.67	21965		B	0.02197	7591.71
10	10.78	11904		B	0.01190	4792.56
12	11.58	46461		B	0.04646	11604.54
13	11.72	66728		B	0.06673	13061.56
14	11.84	31868		B	0.03187	8651.87
15	12.01	25967178	alpha-BHC	V	0.15000	7.92e+06
17	12.76	44781		B	0.04478	14179.61
18	12.96	23503104	gamma-BHC	B	0.15000	7.16e+06

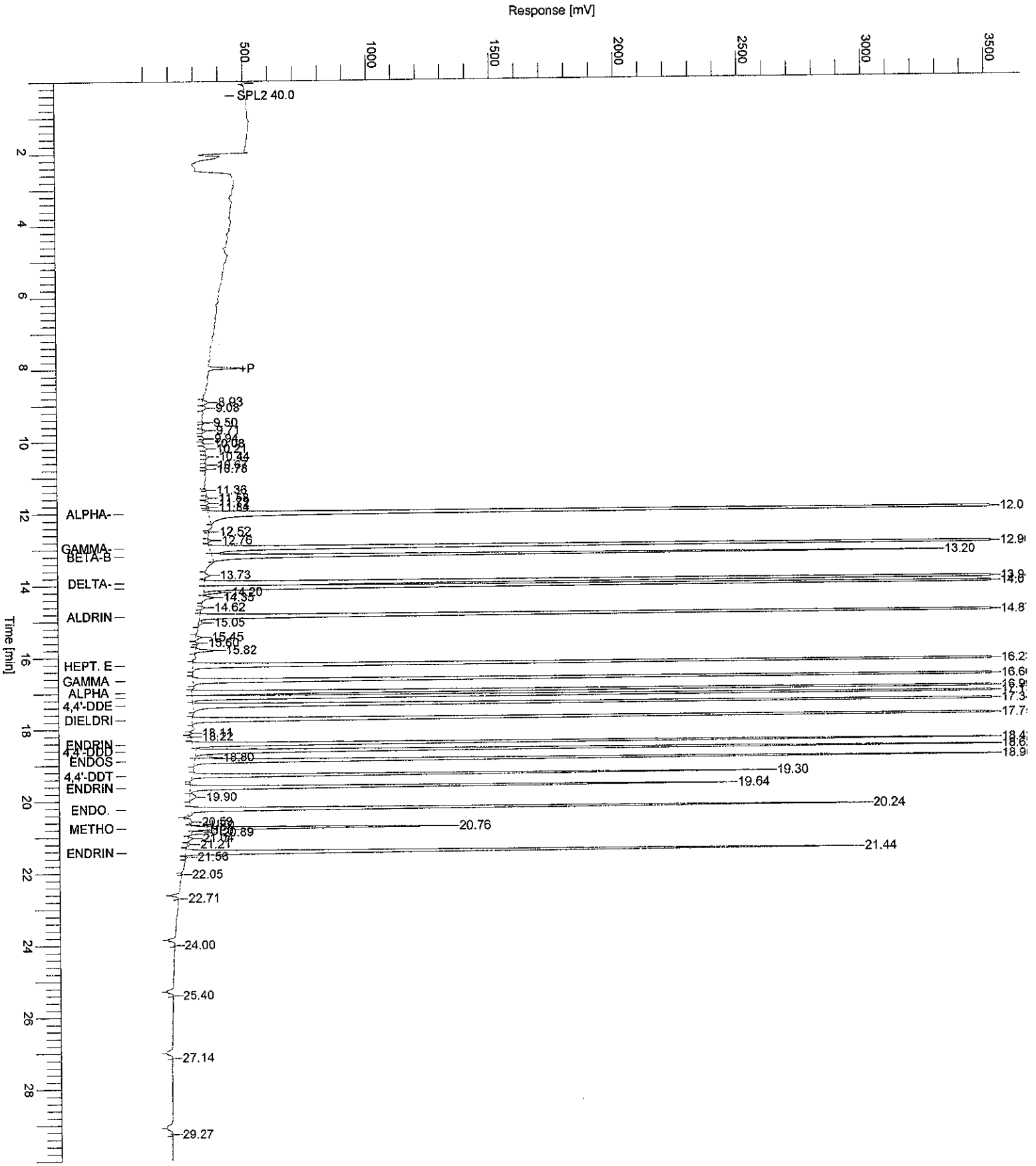
11/30/2008 13:21:38 Result: H:\TURBO6\6890-06\6b29029.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
19	13.20	10059986	beta-BHC	V	0.15000	2.92e+06
20	13.73	79840		B	0.07984	18908.39
21	13.94	24738875	delta-BHC	B	0.15000	7.28e+06
22	14.07	20566680	Heptachlor	V	0.15000	6.19e+06
23	14.20	265596		E	0.26560	67665.82
24	14.35	195376		B	0.19538	40868.75
25	14.62	33863		B	0.03386	11311.60
26	14.87	20754833	Aldrin	B	0.15000	6.29e+06
27	15.05	109898		E	0.10990	21668.88
28	15.45	117046		B	0.11705	25614.73
29	15.60	22265		B	0.02227	8369.51
30	15.82	306603		B	0.30660	82363.02
31	16.23	18679802	Hept. epoxide	B	0.15000	5.54e+06
32	16.66	18403130	gamma chlordane	B	0.15000	5.56e+06
33	16.99	16773684	alpha chlordane	B	0.15000	5.08e+06
34	17.13	16143837	Endosulfan I	V	0.15000	4.75e+06
35	17.34	16553762	4,4'-DDE	B	0.15000	5.03e+06
36	17.75	16942773	Dieldrin	B	0.15000	4.95e+06
37	18.11	34268		B	0.03427	11262.97
38	18.22	10983		B	0.01098	3714.77
39	18.43	11757452	Endrin	B	0.15000	3.36e+06
40	18.62	12007463	4,4'-DDD	B	0.15000	3.50e+06
41	18.80	301178		E	0.30118	72791.71
42	18.90	11896973	Endosulfan II	V	0.15000	3.31e+06
43	19.30	7437091	4,4'-DDT	B	0.15000	2.32e+06
44	19.64	7887757	Endrin aldehyde	B	0.15000	2.17e+06
45	19.90	207917		V	0.20792	25501.45
46	20.24	9617347	Endo. Sulfate	B	0.15000	2.72e+06
47	20.59	141113		B	0.14111	13321.90
48	20.76	3383854	Methoxychlor	M	0.15000	1.04e+06
49	20.89	286756		B	0.28676	83889.55
50	21.04	90051		B	0.09005	17968.27
51	21.21	47180		B	0.04718	12576.82
52	21.44	10496348	Endrin ketone	B	0.15000	2.70e+06
53	21.56	31200		B	0.03120	10492.76
55	22.71	57483		B	0.05748	7414.19
56	24.00	95090		B	0.09509	6121.35
57	25.40	48276		B	0.04828	5939.21
58	27.14	55331		B	0.05533	4508.71
59	29.27	71160		B	0.07116	4263.74
		3e+08			6.19210	9.05e+07

Chromatogram

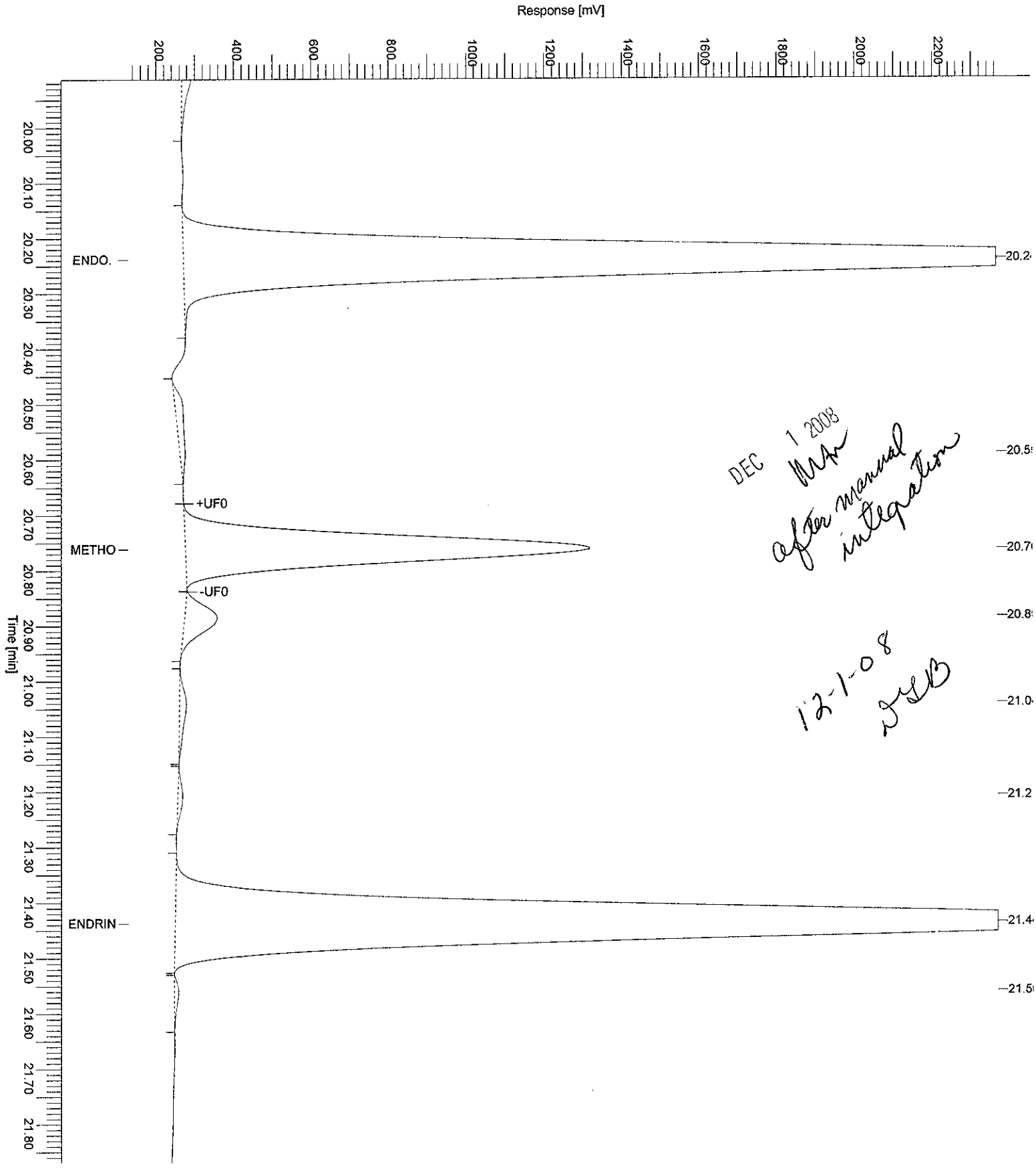
Sample Name : ICM25ZT
FileName : H:\TURBO6\6890-06\6b29029.raw
Date : 11/30/2008 13:21:40
Method : 6890-6 bside ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: .15
Page 1 of 1
Time of Injection: 11/29/2008 14:20:06
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3510.00 mV
Plot Scale: 3500.0 mV



Chromatogram

Sample Name : ICM25ZT Sample #: .15 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29029.raw
Date : 11/30/2008 13:19:40
Method : Time of Injection: 11/29/2008 14:20:06
Start Time : 19.91 min End Time : 21.87 min Low Point : 128.09 mV High Point : 2363.05 mV
Plot Offset: 128.09 mV Plot Scale: 2235.0 mV



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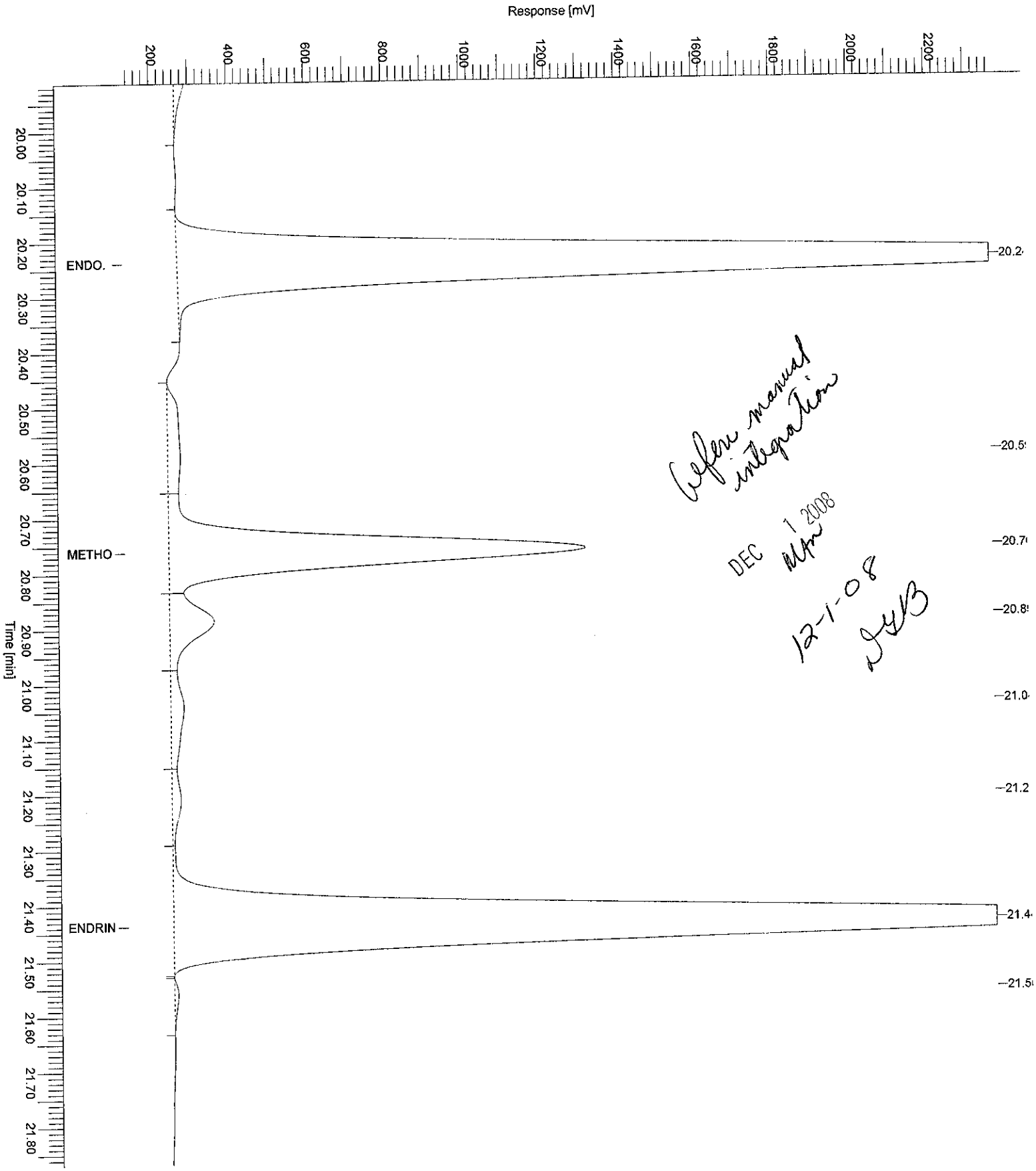
after manual integration

12-1-08
JSB

Chromatogram

Sample Name : ICM25ZT
Sample #: .15
Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29029.raw
Date : 11/30/2008 13:19:25
Method :
Time of Injection: 11/29/2008 14:20:06
Start Time : 19.91 min
End Time : 21.87 min
Low Point : 128.09 mV
High Point : 2363.05 mV
Plot Offset: 128.09 mV
Plot Scale: 2235.0 mV



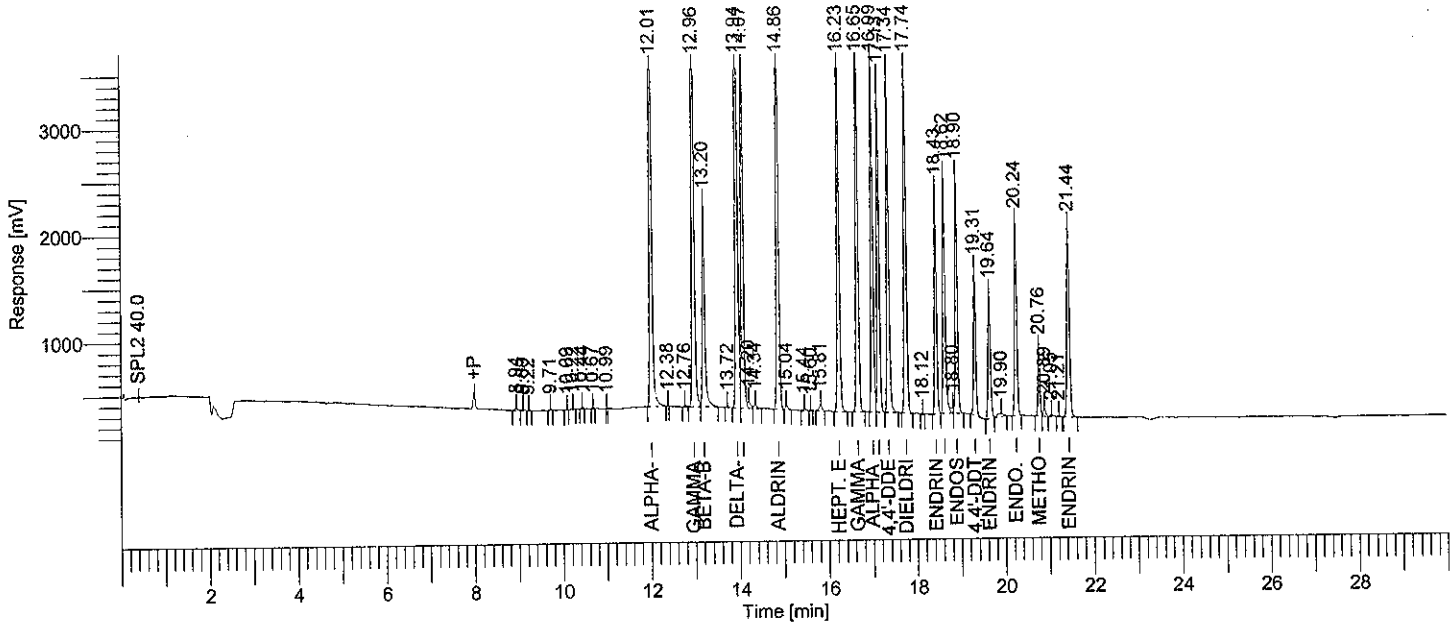
(after manual integration

DEC 1 2008

12-1-08

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:34
Reprocess Number	: buf2048: 83007		
Operator	: tchrom	Sample Name	: ICM25ZQ
Sample Number	: .10	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/30
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 14:56:24	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6b29030.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29030.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29030.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29030.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08).mth from H:\TURBO6\6890-06\6b29030.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.94	92167		B	0.09217	17645.52
2	9.09	53544		V	0.05354	11917.30
3	9.22	16296		B	0.01630	4937.76
4	9.71	23767		B	0.02377	8283.73
5	10.09	13820		B	0.01382	2932.69
6	10.22	35587		V	0.03559	7792.53
7	10.44	35157		B	0.03516	10816.09
8	10.67	12815		B	0.01281	4768.21
10	12.01	17329463	alpha-BHC	B	0.10000	5.15e+06
12	12.76	62107		B	0.06211	16471.23
13	12.96	15830586	gamma-BHC	V	0.10000	4.67e+06
14	13.20	7172717	beta-BHC	V	0.10000	1.90e+06
15	13.72	49330		B	0.04933	12353.73
16	13.94	16129420	delta-BHC	B	0.10000	4.62e+06
17	14.07	13803254	Heptachlor	V	0.10000	4.12e+06
18	14.20	288418		E	0.28842	54684.27

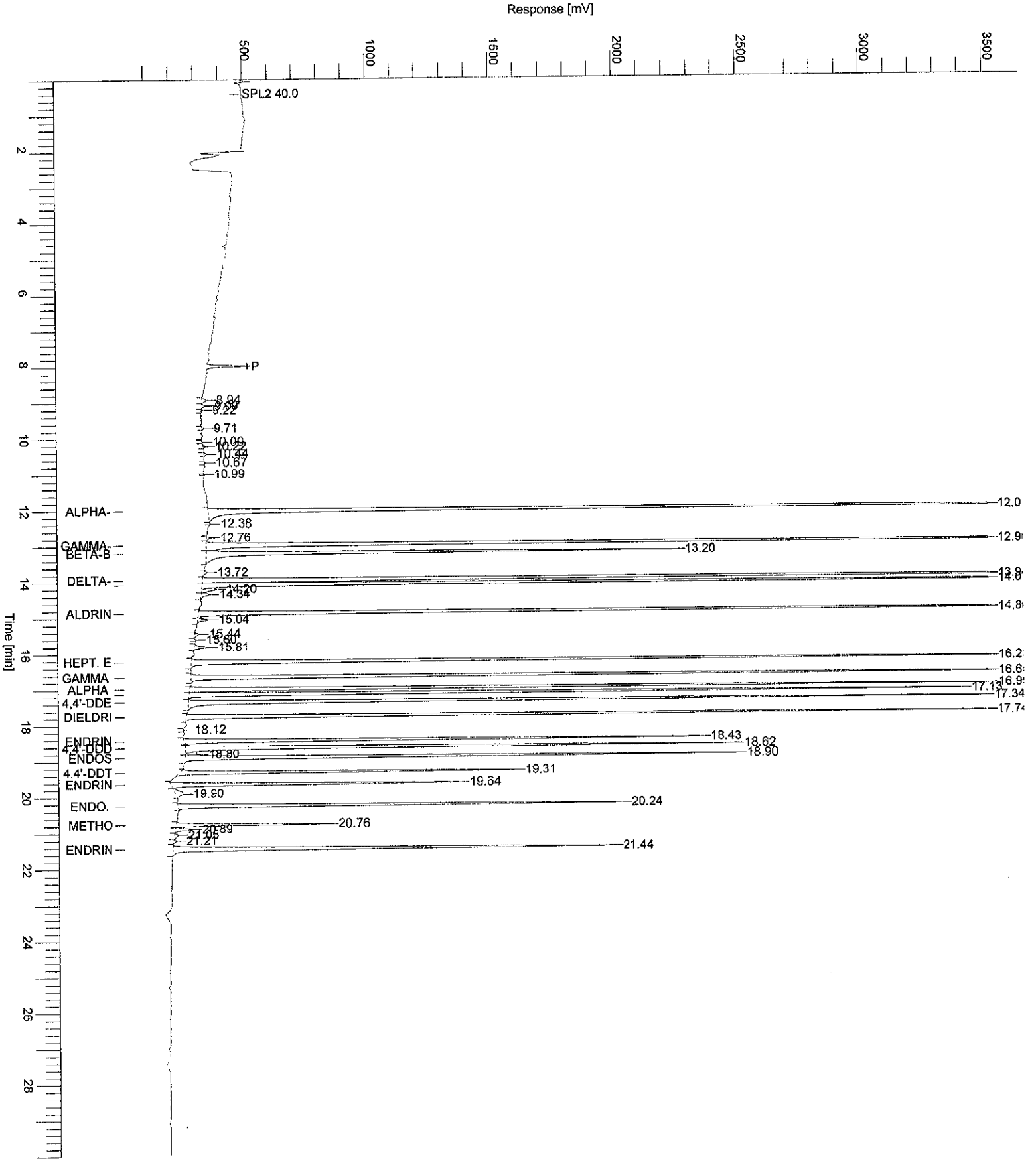
11/30/2008 13:14:34 Result: H:\TURBO6\6890-06\6b29030.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
19	14.34	174184		V	0.17418	33544.82
20	14.86	14106287	Aldrin	B	0.10000	4.24e+06
21	15.04	165084		V	0.16508	44712.03
22	15.44	82469		B	0.08247	18525.68
23	15.60	12546		B	0.01255	4836.41
24	15.81	213846		B	0.21385	56931.32
25	16.23	12482277	Hept. epoxide	B	0.10000	3.65e+06
26	16.65	12198948	gamma chlordane	B	0.10000	3.63e+06
27	16.99	11103106	alpha chlordane	B	0.10000	3.34e+06
28	17.13	10787067	Endosulfan I	V	0.10000	3.13e+06
29	17.34	10901129	4,4'-DDE	B	0.10000	3.22e+06
30	17.74	11224461	Dieldrin	B	0.10000	3.25e+06
31	18.12	15191		B	0.01519	5224.76
32	18.43	7399831	Endrin	B	0.10000	2.09e+06
33	18.62	7965123	4,4'-DDD	B	0.10000	2.22e+06
34	18.80	220348		E	0.22035	53894.53
35	18.90	8077162	Endosulfan II	V	0.10000	2.23e+06
36	19.31	4546000	4,4'-DDT	B	0.10000	1.36e+06
37	19.64	4274167	Endrin aldehyde	B	0.10000	1.17e+06
38	19.90	300574		V	0.30057	30644.84
39	20.24	6442838	Endo. Sulfate	B	0.10000	1.80e+06
40	20.76	2097339	Methoxychlor	B	0.10000	619848.54
41	20.89	259915		V	0.25991	67391.22
42	21.05	85461		B	0.08546	15188.49
43	21.21	46052		V	0.04605	11143.37
44	21.44	7262462	Endrin ketone	B	0.10000	1.78e+06
		2e+08			4.25868	5.87e+07

Chromatogram

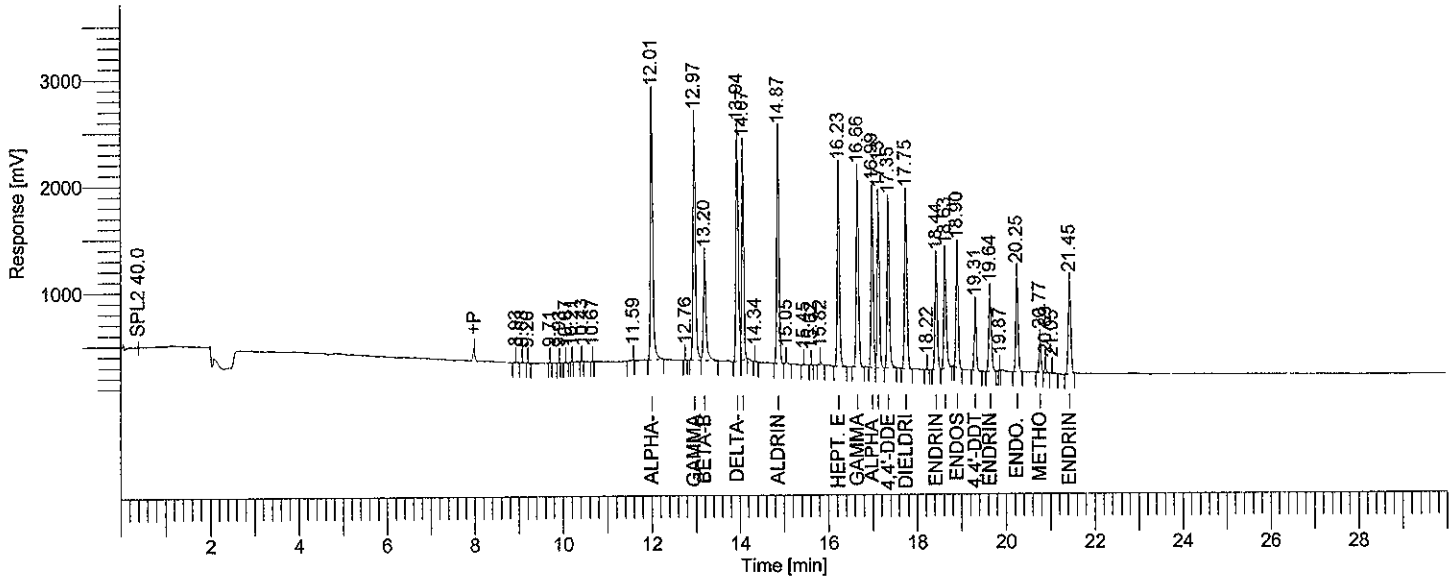
Sample Name : ICM25ZQ
FileName : H:\TURBO6\6890-06\6b29030.raw
Date : 11/30/2008 13:14:36
Method : 6890-6 bside ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: .10
Page 1 of 1
Time of Injection: 11/29/2008 14:56:24
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3510.00 mV
Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:43
Reprocess Number	: buf2048: 83009		
Operator	: tchrom	Sample Name	: ICM25ZU
Sample Number	: .05	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/31
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 15:32:57	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6b29031.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29031.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29031.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29031.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08).mth from H:\TURBO6\6890-06\6b29031.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.93	56476		B	0.05648	10861.17
2	9.08	36192		V	0.03619	7688.31
3	9.20	17252		B	0.01725	4970.95
4	9.71	14129		B	0.01413	5821.97
5	9.93	9143		B	0.00914	2718.27
6	10.07	9773		B	0.00977	2581.69
8	10.43	15751		B	0.01575	5873.87
9	10.67	6586		B	0.00659	3166.01
10	11.59	7271		B	0.00727	1156.92
11	12.01	8538646	alpha-BHC	B	0.05000	2.42e+06
12	12.76	21563		B	0.02156	8157.62
13	12.97	7827123	gamma-BHC	B	0.05000	2.21e+06
14	13.20	3808792	beta-BHC	V	0.05000	915056.89
15	13.94	7759491	delta-BHC	B	0.05000	2.11e+06
16	14.07	6635193	Heptachlor	V	0.05000	1.94e+06
17	14.34	30246		B	0.03025	9838.74

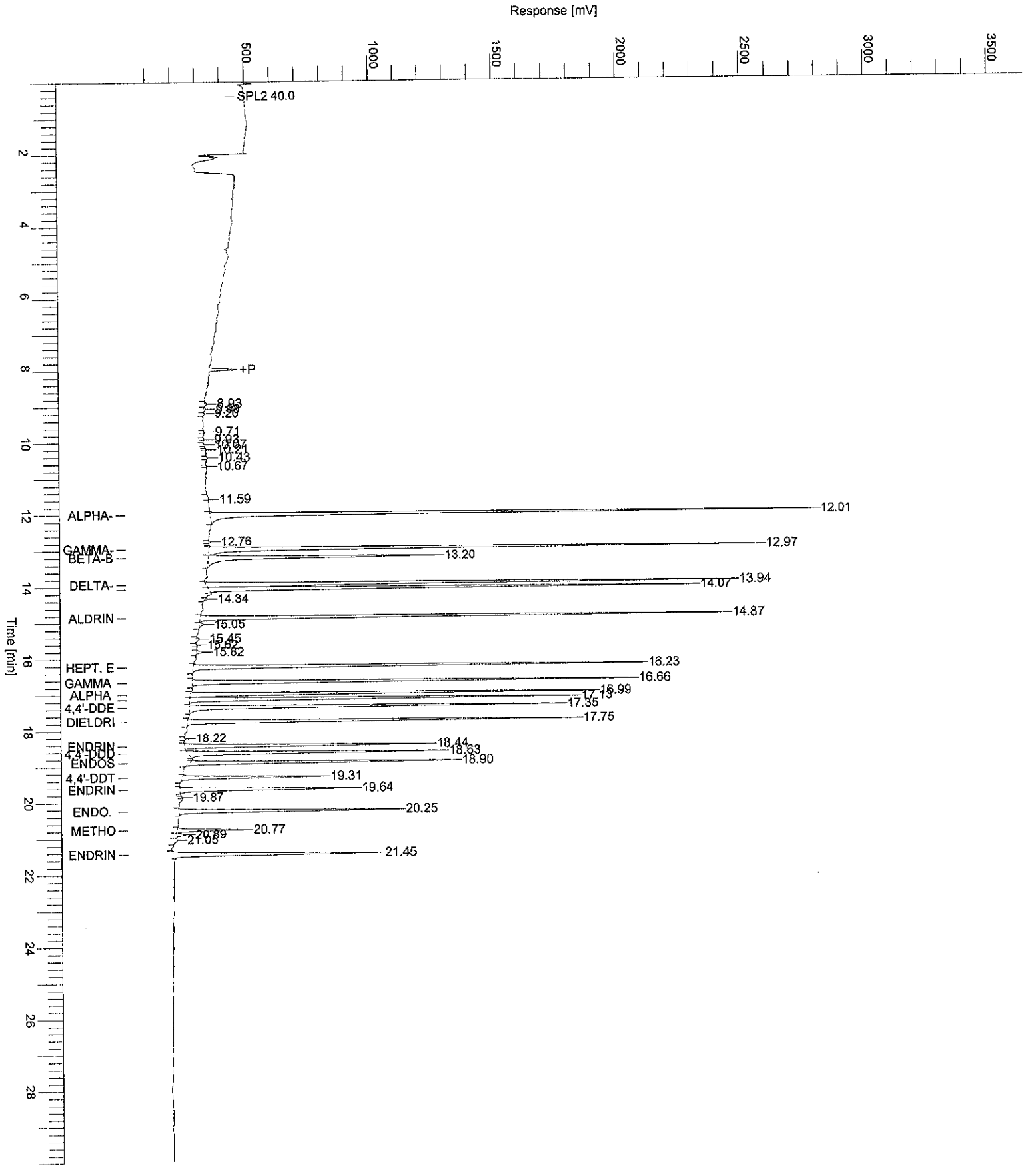
11/30/2008 13:14:43 Result: H:\TURBO6\6890-06\6b29031.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
18	14.87	7145920	Aldrin	B	0.05000	2.11e+06
19	15.05	81915		V	0.08192	19112.10
20	15.45	64436		B	0.06444	11761.99
21	15.62	9613		B	0.00961	2919.84
22	15.82	86919		B	0.08692	25691.68
23	16.23	6295366	Hept. epoxide	B	0.05000	1.79e+06
24	16.66	6050205	gamma chlordane	B	0.05000	1.76e+06
25	16.99	5507583	alpha chlordane	B	0.05000	1.61e+06
26	17.13	5378286	Endosulfan I	V	0.05000	1.54e+06
27	17.35	5301941	4,4'-DDE	B	0.05000	1.48e+06
28	17.75	5507240	Dieldrin	B	0.05000	1.56e+06
29	18.22	17400		B	0.01740	4977.66
30	18.44	3540818	Endrin	B	0.05000	977351.40
31	18.63	3769571	4,4'-DDD	B	0.05000	1.01e+06
32	18.90	3779319	Endosulfan II	B	0.05000	1.06e+06
33	19.31	1889517	4,4'-DDT	B	0.05000	554364.57
34	19.64	2604210	Endrin aldehyde	B	0.05000	691486.47
36	20.25	3170295	Endo. Sulfate	B	0.05000	874513.92
37	20.77	939272	Methoxychlor	B	0.05000	267519.49
38	20.89	171419		V	0.17142	40008.75
39	21.05	71965		V	0.07197	11994.02
40	21.45	3275164	Endrin ketone	B	0.05000	811061.03
		99452004			1.72805	2.79e+07

Chromatogram

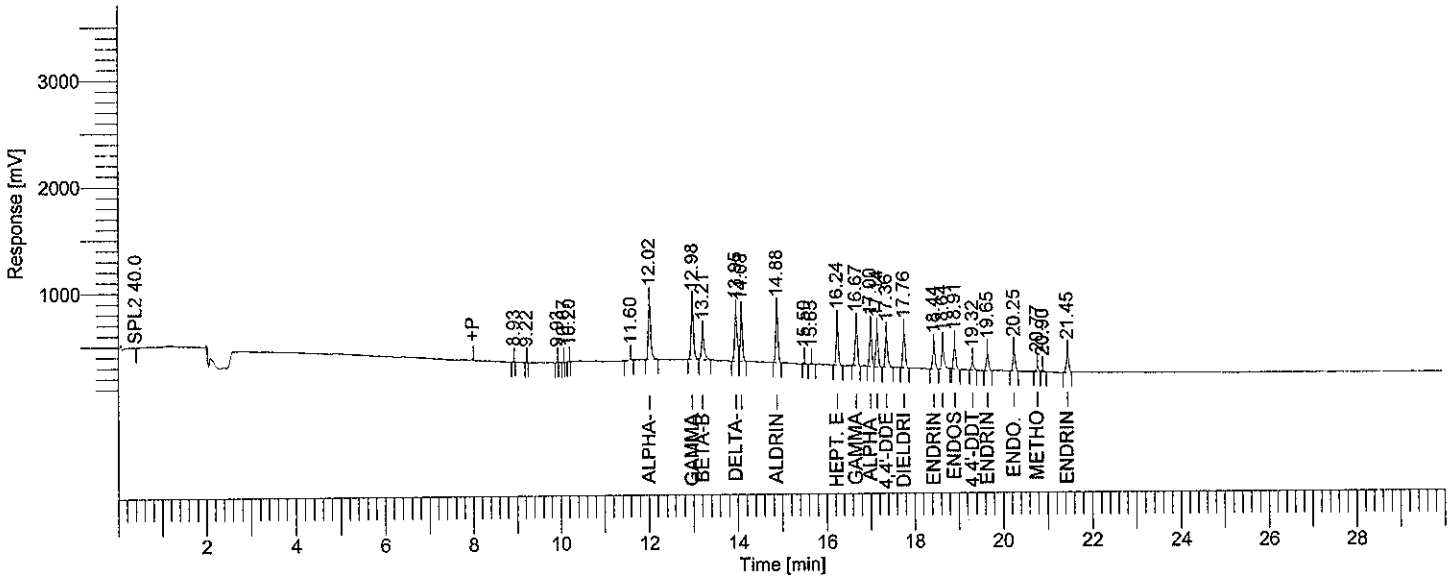
Sample Name : ICM25ZU
FileName : H:\TURBO6\6890-06\6b29031.raw
Date : 11/30/2008 13:14:44
Method : 6890-6 bside ins
Start Time : 0.00 min End Time : 30.00 min
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV

Sample #: .05 Page 1 of 1
Time of Injection: 11/29/2008 15:32:57
Low Point : 10.00 mV High Point : 3510.00 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:51
Reprocess Number	: buf2048: 83011		
Operator	: tchrom	Sample Name	: ICM25ZQ DF10
Sample Number	: 0.01	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/32
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 16:09:22	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6b29032.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29032.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29032.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29032.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08).mth from H:\TURBO6\6890-06\6b29032.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

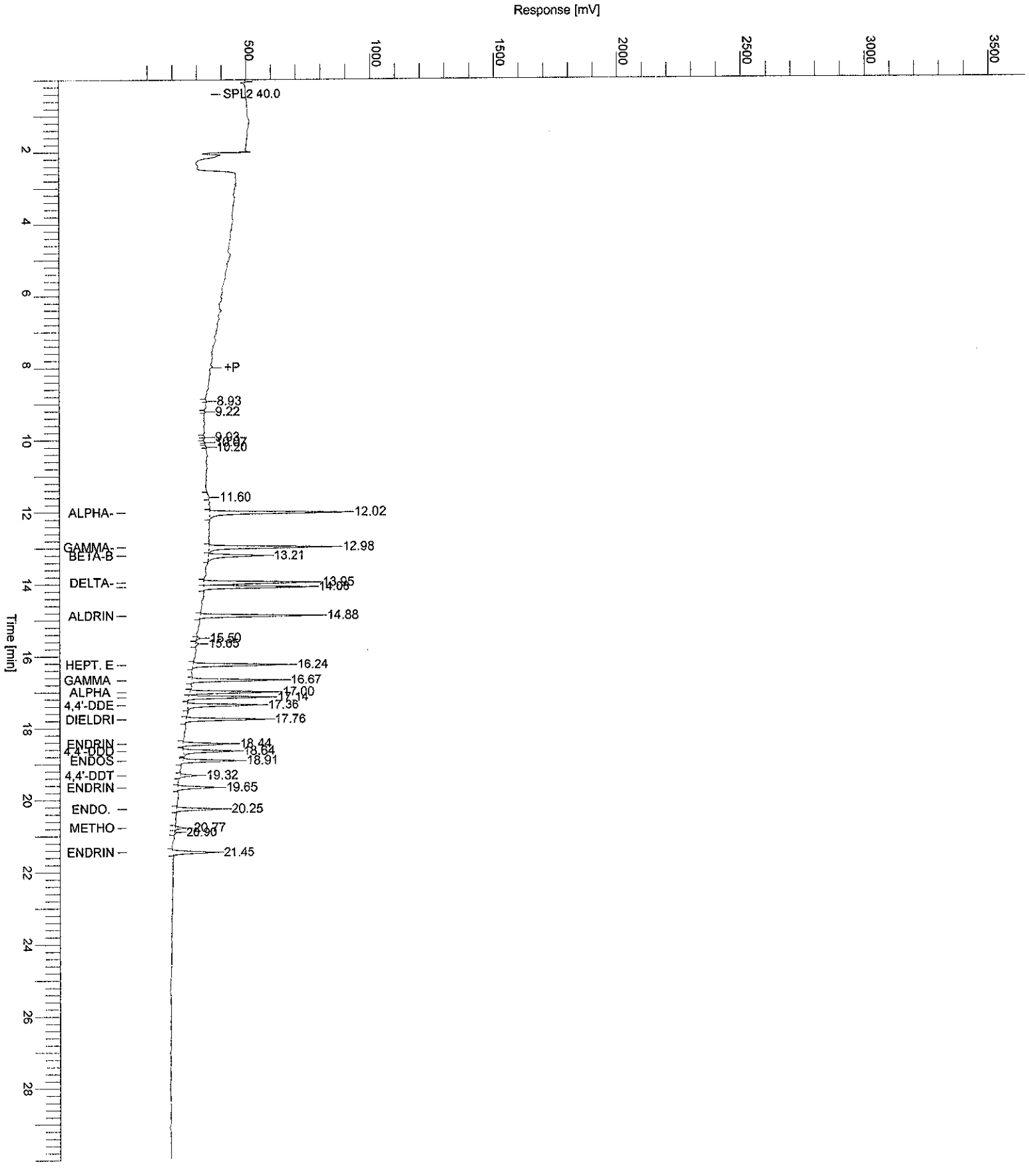
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.93	6874		B	0.00687	1618.62
2	9.22	7556		B	0.00756	2563.13
3	9.93	6129		B	0.00613	1906.67
5	10.20	6667		B	0.00667	1942.97
6	11.60	36527		B	0.03653	6002.87
7	12.02	2099658	alpha-BHC	B	0.01000	542990.32
8	12.98	1941066	gamma-BHC	B	0.01000	499607.61
9	13.21	976856	beta-BHC	V	0.01000	225301.13
10	13.95	1834142	delta-BHC	B	0.01000	439229.71
11	14.08	1585188	Heptachlor	V	0.01000	424001.39
12	14.88	1718977	Aldrin	B	0.01000	472604.29
13	15.50	42269		B	0.04227	11722.93
14	15.65	53293		B	0.05329	12338.04
15	16.24	1441856	Hept. epoxide	B	0.01000	381582.92
16	16.67	1315503	gamma chlordane	B	0.01000	359136.69
17	17.00	1208625	alpha chlordane	B	0.01000	334724.58

11/30/2008 13:14:51 Result: H:\TURBO6\6890-06\6b29032.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
18	17.14	1195228	Endosulfan I	V	0.01000	320154.62
19	17.36	1147235	4,4'-DDE	B	0.01000	285237.98
20	17.76	1194139	Dieldrin	B	0.01000	319586.28
21	18.44	718276	Endrin	B	0.01000	190708.96
22	18.64	852470	4,4'-DDD	B	0.01000	202454.07
23	18.91	828397	Endosulfan II	B	0.01000	219247.61
24	19.32	217629	4,4'-DDT	B	0.01000	65725.26
25	19.65	589846	Endrin aldehyde	B	0.01000	154306.82
26	20.25	669868	Endo. Sulfate	B	0.01000	181967.13
27	20.77	130361	Methoxychlor	B	0.01000	37228.04
28	20.90	29076		V	0.02908	7658.72
29	21.45	668150	Endrin ketone	B	0.01000	165555.87
		22521860			0.38839	5.87e+06

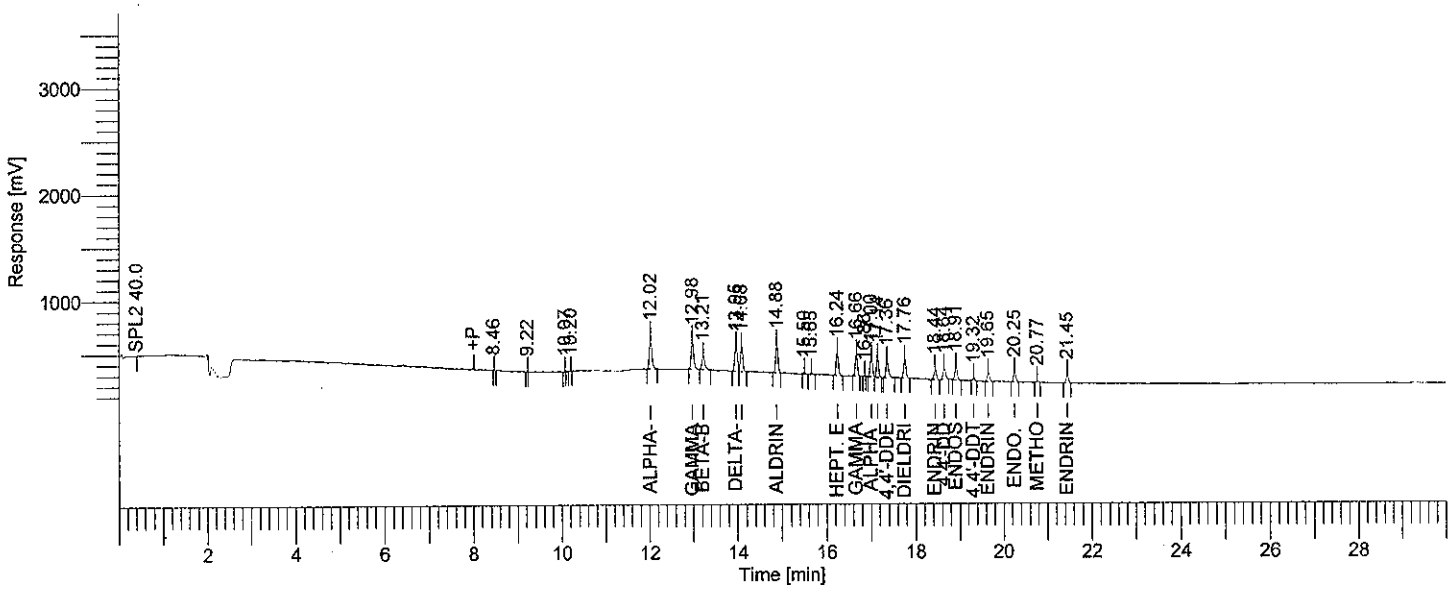
Chromatogram

Sample Name : ICM25ZQ DF10 Sample #: 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29032.raw
Date : 11/30/2008 13:14:52
Method : 6890-6 bside ins Time of Injection: 11/29/2008 16:09:22
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:59
Reprocess Number	: buf2048: 83013		
Operator	: tchrom	Sample Name	: ICM25ZU DF10
Sample Number	: 0.005	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/33
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 16:45:50	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6b29033.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29033.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29033.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29033.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08).mth from H:\TURBO6\6890-06\6b29033.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

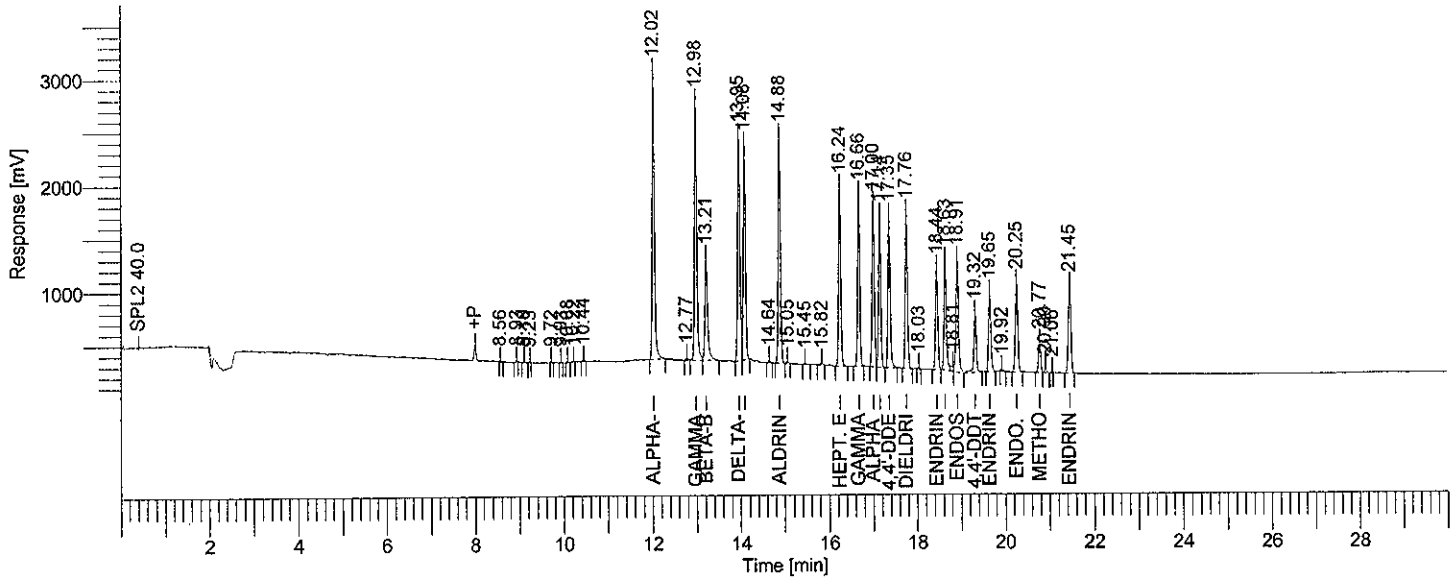
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
4	10.20	7529		B	0.00753	2179.14
5	12.02	1198535	alpha-BHC	B	0.00500	308727.18
6	12.98	1079292	gamma-BHC	B	0.00500	273114.16
7	13.21	542219	beta-BHC	B	0.00500	123259.65
8	13.95	1026493	delta-BHC	B	0.00500	234159.11
9	14.08	891627	Heptachlor	V	0.00500	230879.35
10	14.88	981542	Aldrin	B	0.00500	266019.56
11	15.50	39720		B	0.03972	11331.84
12	15.65	48757		B	0.04876	12304.28
13	16.24	811418	Hept. epoxide	B	0.00500	212789.30
14	16.66	731283	gamma chlordane	B	0.00500	199033.97
16	17.00	668254	alpha chlordane	B	0.00500	186815.34
17	17.14	667786	Endosulfan I	V	0.00500	180863.59
18	17.36	632790	4,4'-DDE	B	0.00500	153471.36
19	17.76	657345	Dieldrin	B	0.00500	175320.90
20	18.44	368059	Endrin	B	0.00500	97064.82

11/30/2008 13:14:59 Result: H:\TURBO6\6890-06\6b29033.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
21	18.64	413459	4,4'-DDD	B	0.00500	100034.04
22	18.91	439012	Endosulfan II	B	0.00500	117547.28
23	19.32	61751	4,4'-DDT	B	0.00500	20270.47
24	19.65	306641	Endrin aldehyde	B	0.00500	78229.83
25	20.25	350998	Endo. Sulfate	B	0.00500	92795.09
26	20.77	51819	Methoxychlor	B	0.00500	14961.65
27	21.45	332567	Endrin ketone	B	0.00500	80808.79
		12308897			0.19601	3.17e+06

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:31:52
Reprocess Number	: buf2048: 83016		
Operator	: tchrom	Sample Name	: ICM25YE
Sample Number	: 0.05	Study	: 2ND SOURCE
AutoSampler	: BUILT-IN	Rack/Vial	: 1/34
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 17:22:11	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6b29034.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29034.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29034.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29034.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08).mth from H:\TURBO6\6890-06\6b29034.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window -	Relative
12.02	BB	9440823	alpha-BHC	0.05371	2.69e+06	7.4	11.97 -	12.07
12.98	VV	8554217	gamma-BHC	0.05342	2.41e+06	6.8	12.93 -	13.03
13.21	VB	3899038	beta-BHC	0.05371	945872.76	7.4	13.16 -	13.26
13.95	BV	7727438	delta-BHC	0.04724	2.09e+06	-5.5	13.90 -	14.00
14.08	VB	6836595	Heptachlor	0.04932	2.00e+06	-1.4	14.03 -	14.13
14.88	BV	7103025	Aldrin	0.04954	2.11e+06	-0.9	14.83 -	14.93
16.24	BB	5867017	Hept. epoxide	0.04615	1.66e+06	-7.7	16.19 -	16.29
16.66	BB	5494637	gamma chlordane	0.04457	1.60e+06	-10.9	16.61 -	16.71
17.00	BV	5140576	alpha chlordane	0.04577	1.51e+06	-8.5	16.95 -	17.05
17.14	VB	4931461	Endosulfan I	0.04518	1.40e+06	-9.6	17.09 -	17.19
17.35	BB	4959811	4,4'-DDE	0.04526	1.41e+06	-9.5	17.30 -	17.40
17.76	BB	5117039	Dieldrin	0.04530	1.44e+06	-9.4	17.71 -	17.81
18.44	BB	3371251	Endrin	0.04523	934473.95	-9.5	18.39 -	18.49
18.63	BE	3872086	4,4'-DDD	0.04887	1.02e+06	-2.3	18.58 -	18.68
18.91	VB	4028660	Endosulfan II	0.05074	1.04e+06	1.5	18.86 -	18.96
19.32	BB	2070939	4,4'-DDT	0.04804	535832.40	-3.9	19.27 -	19.37

11/30/2008 13:31:52 Result: H:\TURBO6\6890-06\6b29034.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
19.65	BB	2713919	Endrin aldehyde	0.05069	722615.06	1.4	19.60 -	19.70
20.25	BB	2984288	Endo. Sulfate	0.04635	820670.67	-7.3	20.20 -	20.30
20.77	BV	907331	Methoxychlor	0.04495	265951.09	-10.1	20.72 -	20.82
21.45	BB	3267008	Endrin ketone	0.04694	805010.18	-6.1	21.40 -	21.50
		98287157		0.96095	2.74e+07			

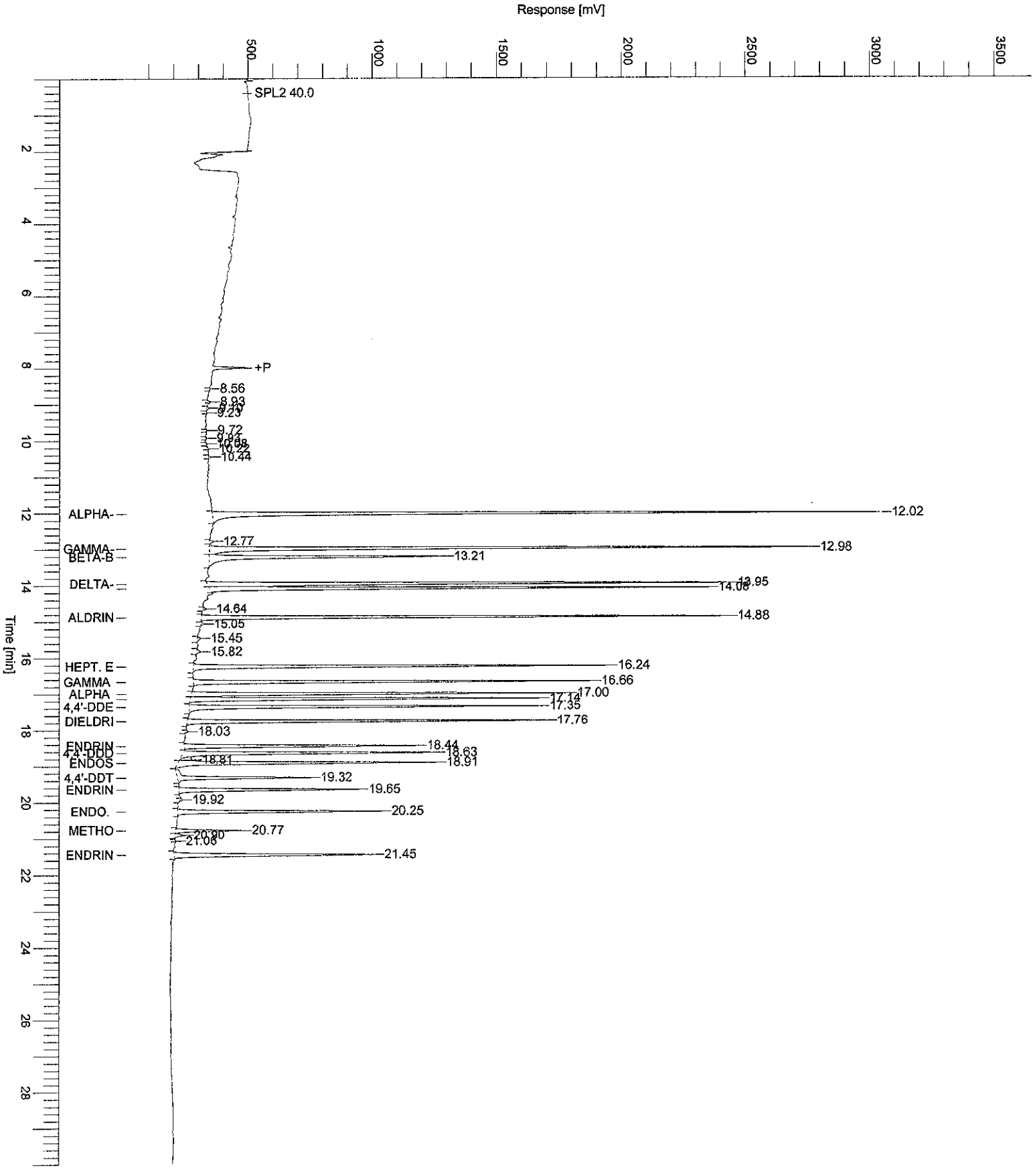
Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

Chromatogram

Sample Name : ICM25YE Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29034.raw
Date : 11/30/2008 13:31:54
Method : 6890-6 bside ins Time of Injection: 11/29/2008 17:22:11
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



TotalChrom Method File H:\TURBO6\6890-06\6a-SURR-(11-29-08).mth
Printed by : NearyM on: 11/30/2008 13:53:26
Created by : NearyM on: 11/30/2008 13:45:05
Edited by : NearyM on: 11/30/2008 13:53:21
Number of Times Edited : 2
Number of Times Calibrated : 2571
Description: PEST CURVE 11-14-08

Processed by: NM 12/1/08
Reviewed by: 12-DWB 12/1/08

Global Sample Information

Default Sample Volume : 1.000 ul
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information

Tetrachloro-m-xylene
Component Type : Single Peak Component
Retention Time : 8.512 min
Search Window : 7.00 s, 0.50 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	585635.20	189300.06	----------	----------	1
B	0.0100	1130107.40	365629.50	----------	----------	1
C	0.0500	5011086.80	1.69e+06	----------	----------	1
D	0.0750	7456463.00	2.54e+06	----------	----------	1
E	0.1000	9551125.20	3.29e+06	----------	----------	1

Calibration Curve : y = (183112.059435) + (95078572.095097)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999168

Decachlorobiphenyl
Component Type : Single Peak Component
Retention Time : 21.201 min
Search Window : 7.00 s, 0.50 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:53:26 Method: H:\TURBO6\6890-06\6a-SURR-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

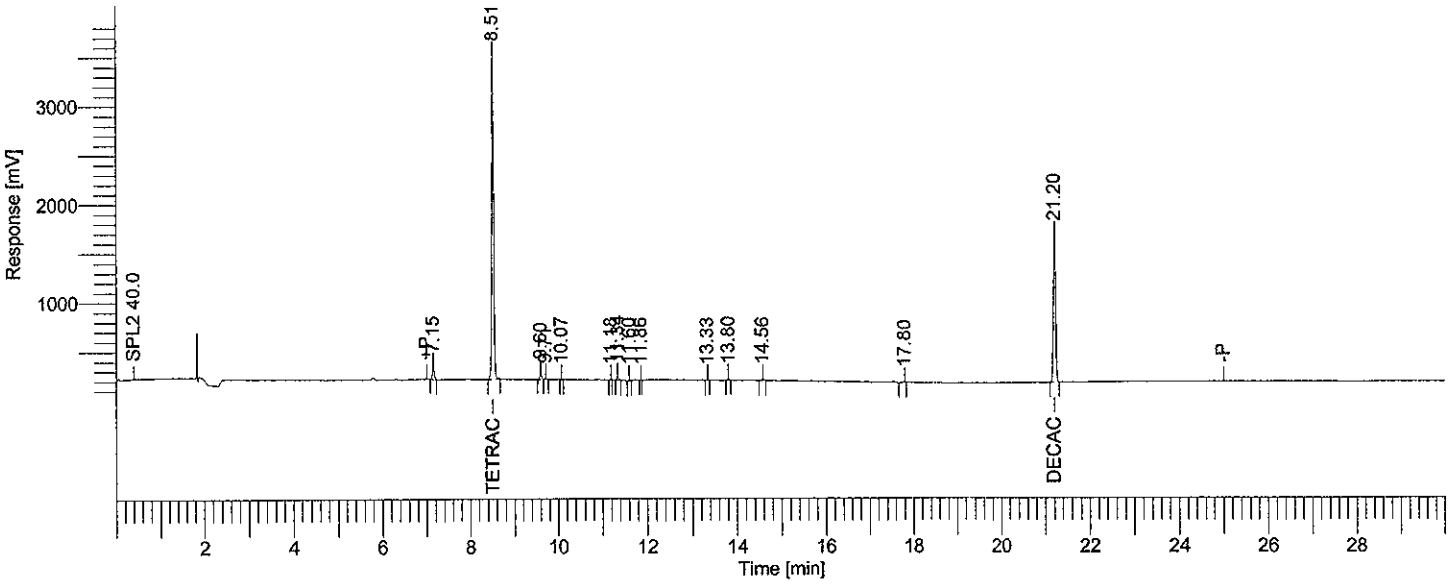
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	323523.60	92446.10	----------	----------	1
B	0.0100	623806.00	177765.82	----------	----------	1
C	0.0500	2862887.60	809789.55	----------	----------	1
D	0.0750	4015886.30	1.13e+06	----------	----------	1
E	0.1000	5202104.60	1.49e+06	----------	----------	1

Calibration Curve : y = (130410.701486) + (51567310.802377)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997993

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:50:55
Reprocess Number	: buf2048: 83021		
Operator	: tchrom	Sample Name	: ICM3QH
Sample Number	: 0.15	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/24
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 11:17:51	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6a29024.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29024.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29024.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29024.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth from H:\TURBO6\6890-06\6a29024.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

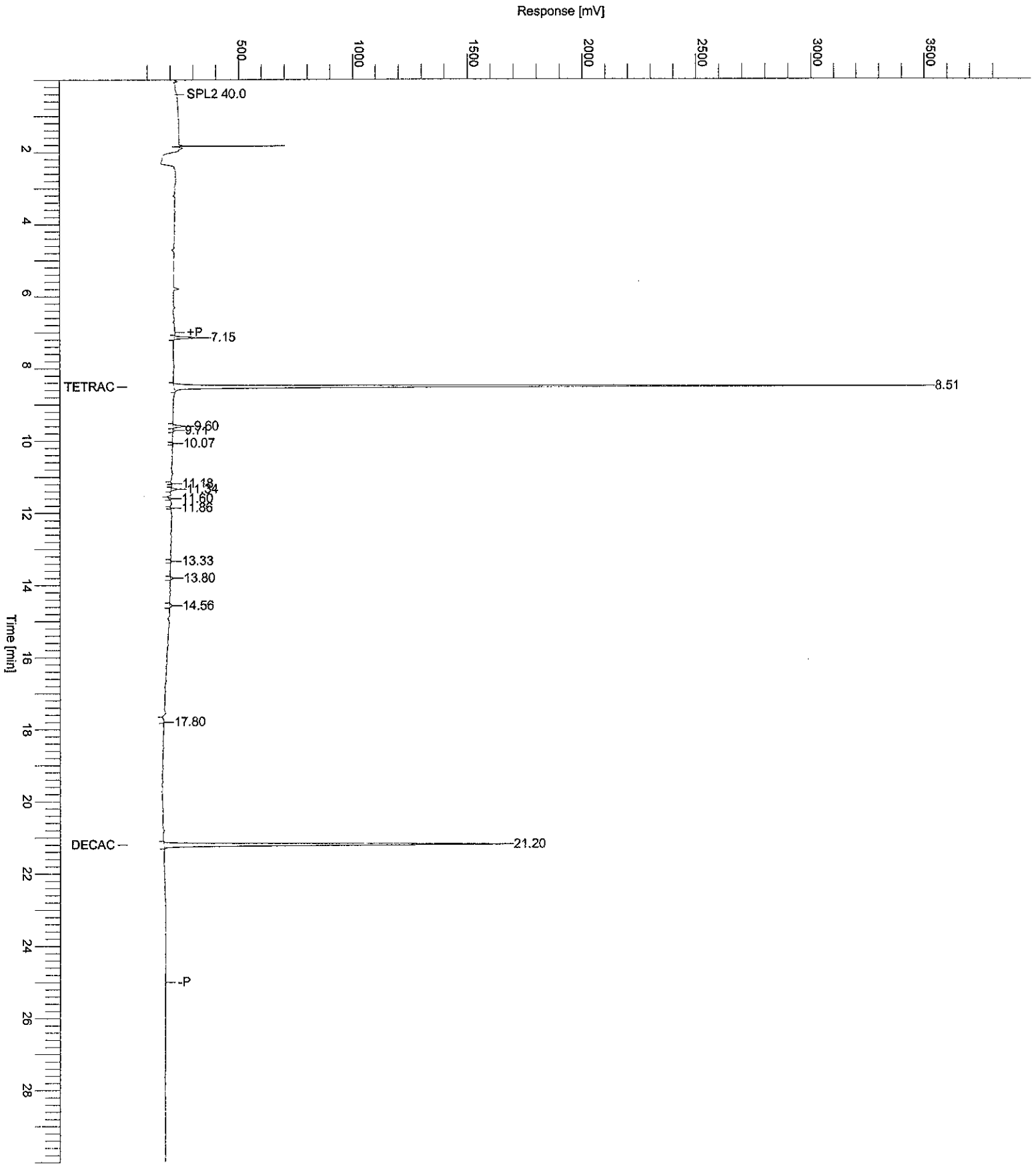


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.15	317709		B	0.31771	118273.88
2	8.51	9551125	Tetrachloro-m-xylene	B	0.10000	3.29e+06
3	9.60	156980		B	0.15698	51024.77
4	9.71	30174		V	0.03017	10017.22
5	10.07	8490		B	0.00849	3717.91
6	11.18	8586		B	0.00859	2554.98
7	11.34	80489		B	0.08049	25263.48
8	11.60	34792		B	0.03479	11860.13
10	13.33	15003		B	0.01500	5192.34
11	13.80	44453		B	0.04445	14867.37
12	14.56	50227		B	0.05023	12437.82
13	17.80	24713		B	0.02471	1681.03
14	21.20	5202105	Decachlorobiphenyl	B	0.10000	1.49e+06
		15524845			0.97162	5.03e+06

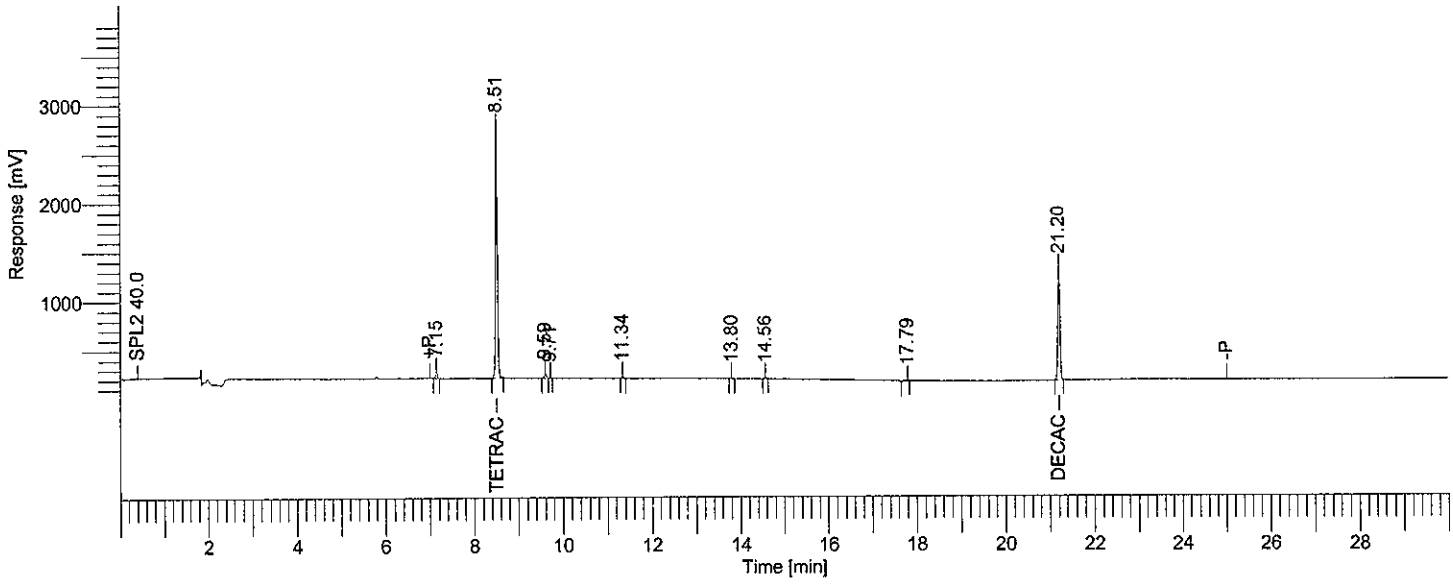
Chromatogram

Sample Name : ICM3QH Sample #: 0.15 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29024.raw
Date : 11/30/2008 13:50:57
Method : 6890-6 bside ins Time of Injection: 11/29/2008 11:17:51
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:03
Reprocess Number	: buf2048: 83023		
Operator	: tchrom	Sample Name	: ICM3QI
Sample Number	: 0.10	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/25
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 11:54:21	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6a29025.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29025.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29025.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29025.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth from H:\TURBO6\6890-06\6a29025.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

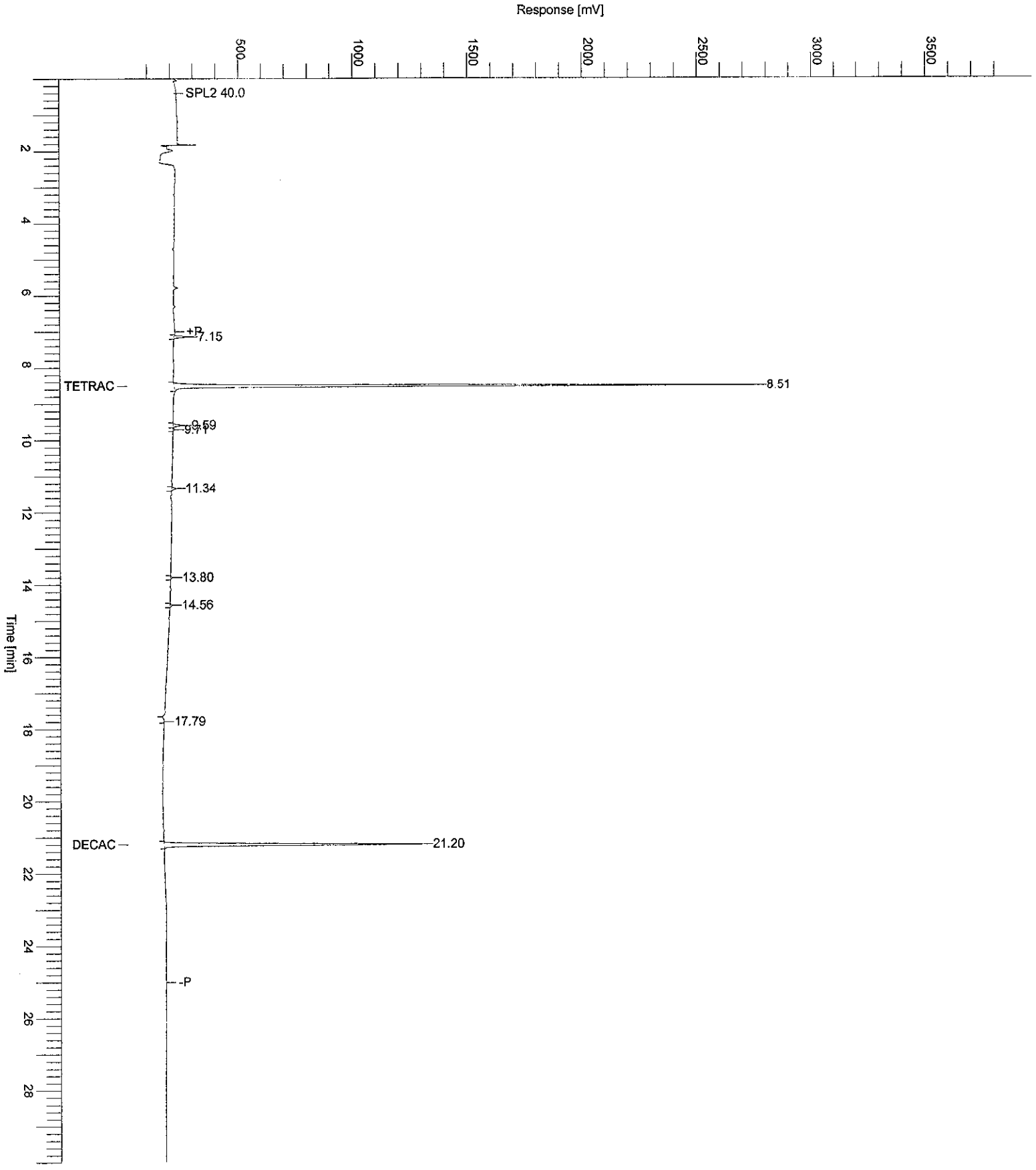


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.15	167613		B	0.16761	62130.34
2	8.51	7456463	Tetrachloro-m-xylene	B	0.07500	2.54e+06
3	9.59	121196		B	0.12120	39384.65
4	9.71	20847		V	0.02085	7166.09
5	11.34	57909		B	0.05791	18445.03
6	13.80	25390		B	0.02539	8250.41
7	14.56	30075		B	0.03007	9304.26
8	17.79	27232		B	0.02723	1895.29
9	21.20	4015886	Decachlorobiphenyl	B	0.07500	1.13e+06
		11922611			0.60026	3.82e+06

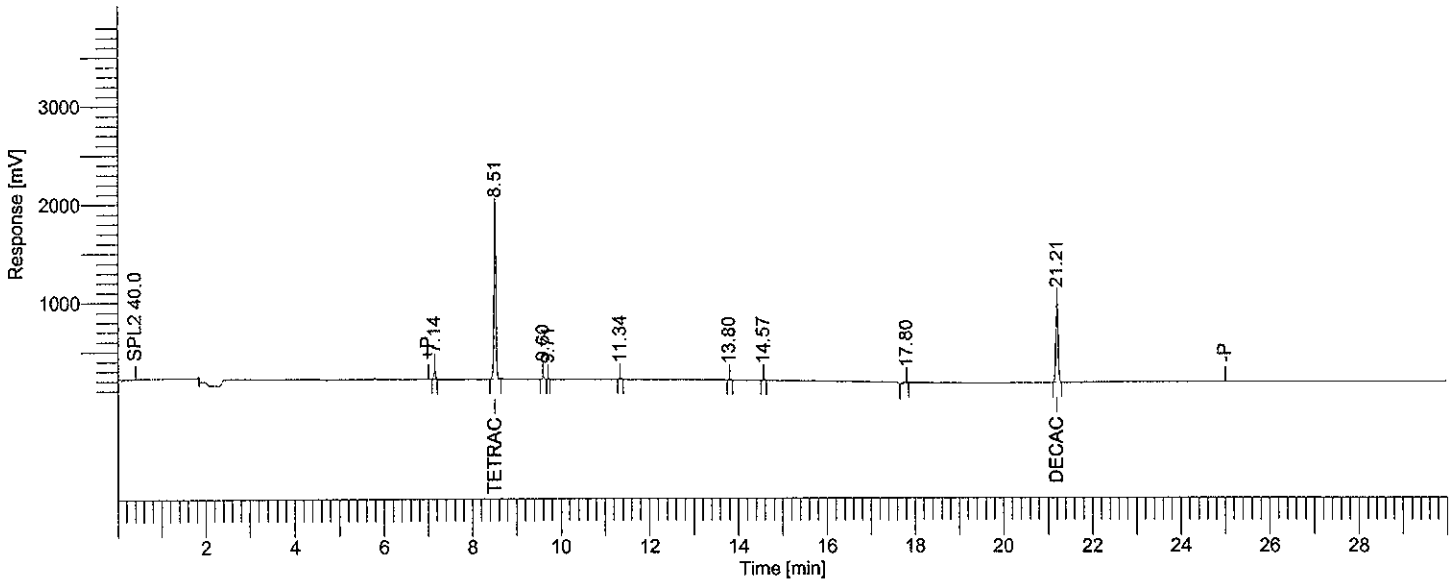
Chromatogram

Sample Name : ICM3QI Sample #: 0.10 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29025.raw
Date : 11/30/2008 13:51:04
Method : 6890-6 bside ins Time of Injection: 11/29/2008 11:54:21
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:11
Reprocess Number	: buf2048: 83025		
Operator	: tchrom	Sample Name	: ICM3QM
Sample Number	: 0.05	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/26
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 12:30:44	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6a29026.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29026.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29026.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29026.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth from H:\TURBO6\6890-06\6a29026.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

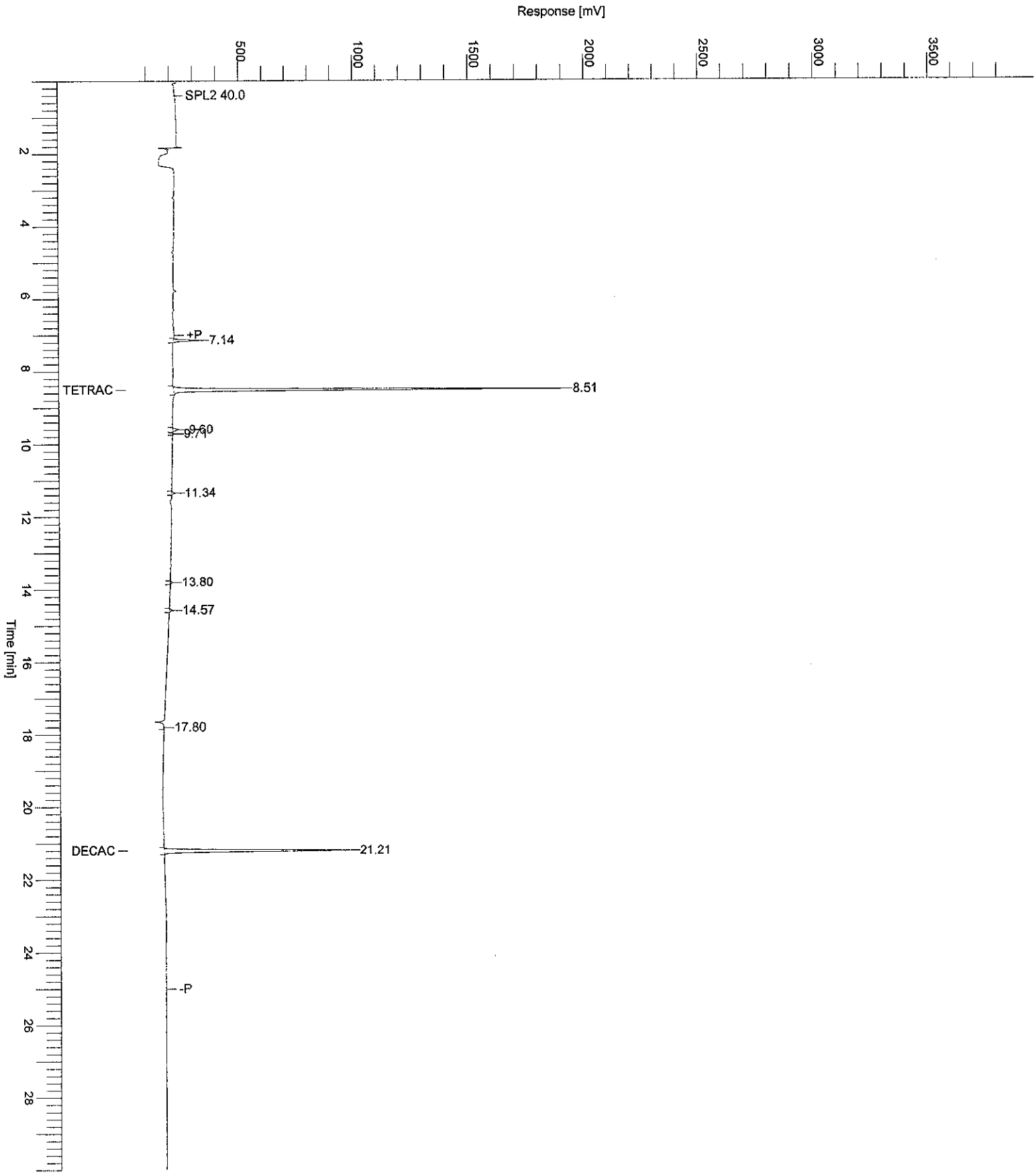


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.14	298221		B	0.29822	111247.96
2	8.51	5011087	Tetrachloro-m-xylene	B	0.05000	1.69e+06
3	9.60	82907		B	0.08291	27261.88
4	9.71	9879		B	0.00988	4108.32
5	11.34	38070		B	0.03807	12625.76
6	13.80	23365		B	0.02336	7777.74
7	14.57	35708		B	0.03571	11998.20
8	17.80	72131		B	0.07213	4990.55
9	21.21	2862888	Decachlorobiphenyl	B	0.05000	809789.55
		8434256			0.66028	2.68e+06

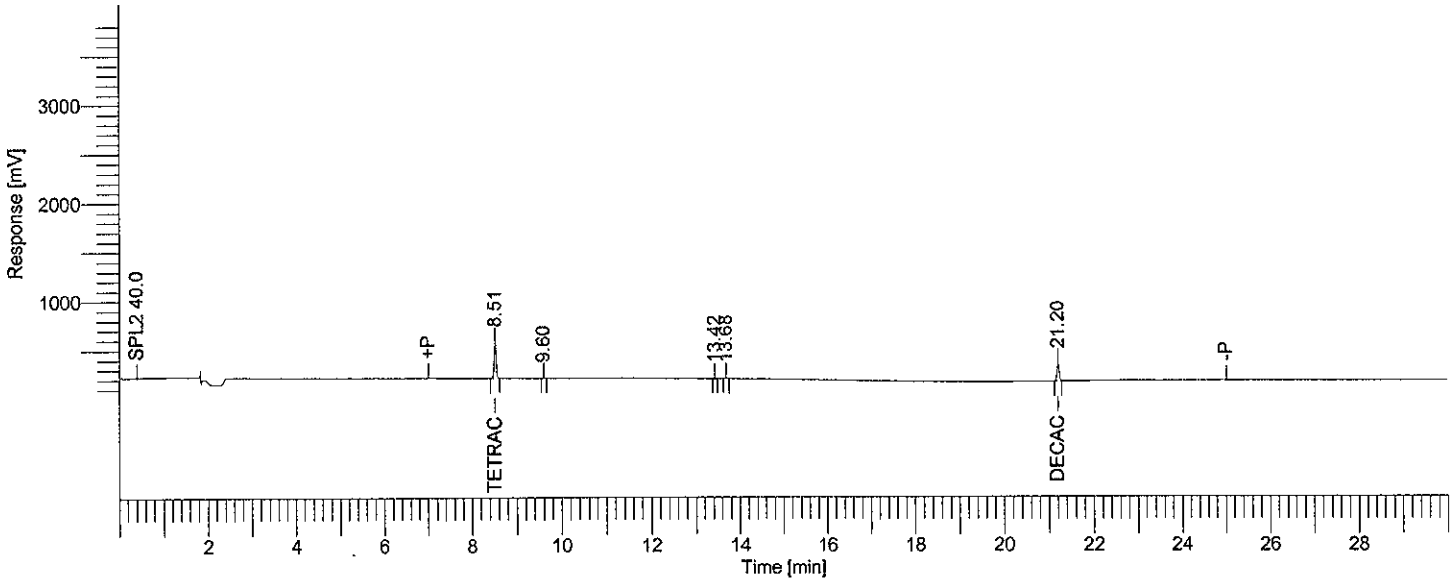
Chromatogram

Sample Name : ICM3QM
Sample #: 0.05
Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29026.raw
Date : 11/30/2008 13:51:12
Method : 6890-6 bside ins
Time of Injection: 11/29/2008 12:30:44
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3810.00 mV
Plot Offset: 10.00 mV
Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:18
Reprocess Number	: buf2048: 83027		
Operator	: tchrom	Sample Name	: ICM3QI DF10
Sample Number	: 0.01	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/27
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 13:07:12	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6a29027.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29027.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29027.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29027.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth from H:\TURBO6\6890-06\6a29027.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

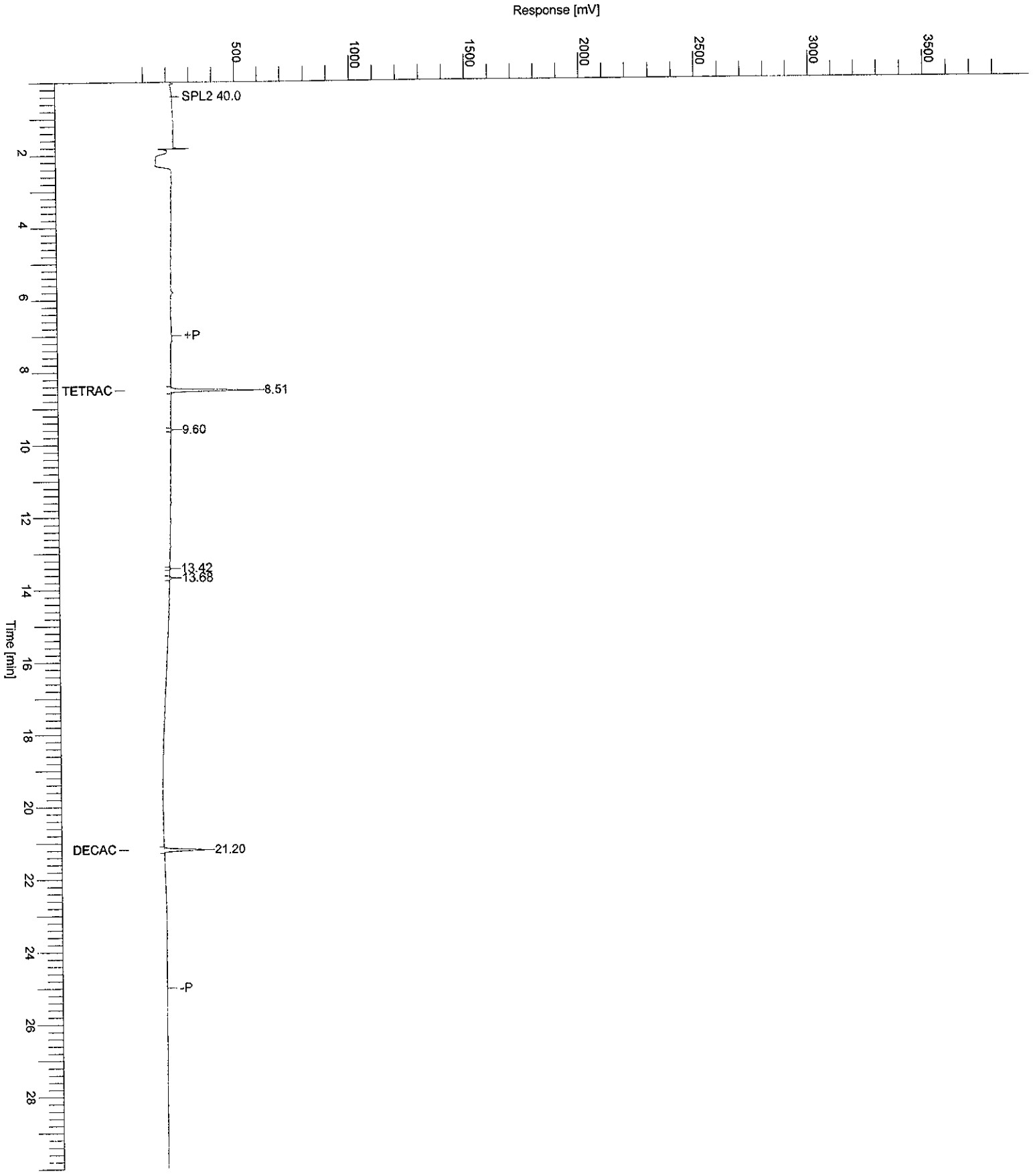


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.51	1130107	Tetrachloro-m-xylene	B	0.01000	365629.50
2	9.60	20993		B	0.02099	7144.66
3	13.42	13665		B	0.01367	4949.49
4	13.68	36085		B	0.03609	10063.97
5	21.20	623806	Decachlorobiphenyl	B	0.01000	177765.82
		1824657			0.09074	565553.44

Chromatogram

Sample Name : ICM3QI DF10 Sample #: 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29027.raw
Date : 11/30/2008 13:51:19
Method : 6890-6 bside ins Time of Injection: 11/29/2008 13:07:12
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:24
Reprocess Number	: buf2048: 83029		
Operator	: tchrom	Sample Name	: ICM3QM DF10
Sample Number	: 0.005	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/28
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 13:43:33	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6a29028.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29028.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29028.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29028.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth from H:\TURBO6\6890-06\6a29028.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

AUTO-CALIBRATION REPORT

Updating Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth
Calibration performed at level: A
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

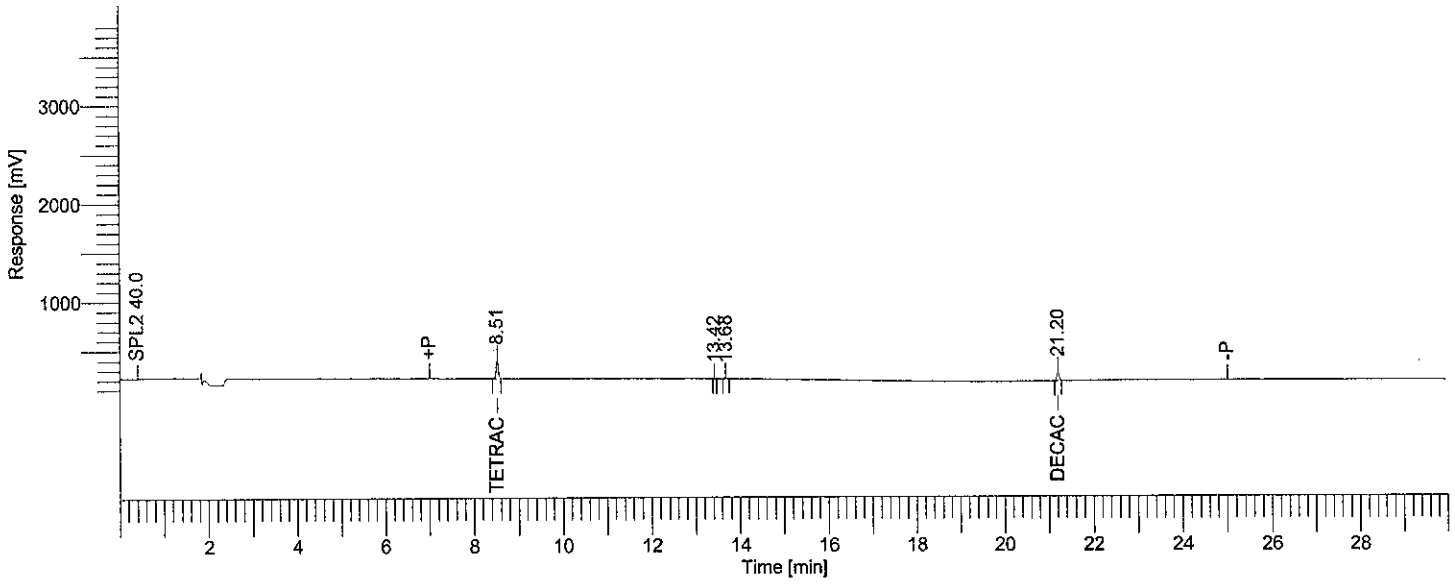
Calibration Status

Component	C0	C1	C2	C3	r^2	Status
Tetrachloro-m-xylene	—	—	—	—	—	18
Decachlorobiphenyl	—	—	—	—	—	18

Calibration Status Explanations
18 = Component calibrated successfully

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:25
Reprocess Number	: buf2048: 83029		
Operator	: tchrom	Sample Name	: ICM3QM DF10
Sample Number	: 0.005	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/28
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 13:43:33	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6a29028.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29028.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29028.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29028.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth from H:\TURBO6\6890-06\6a29028.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

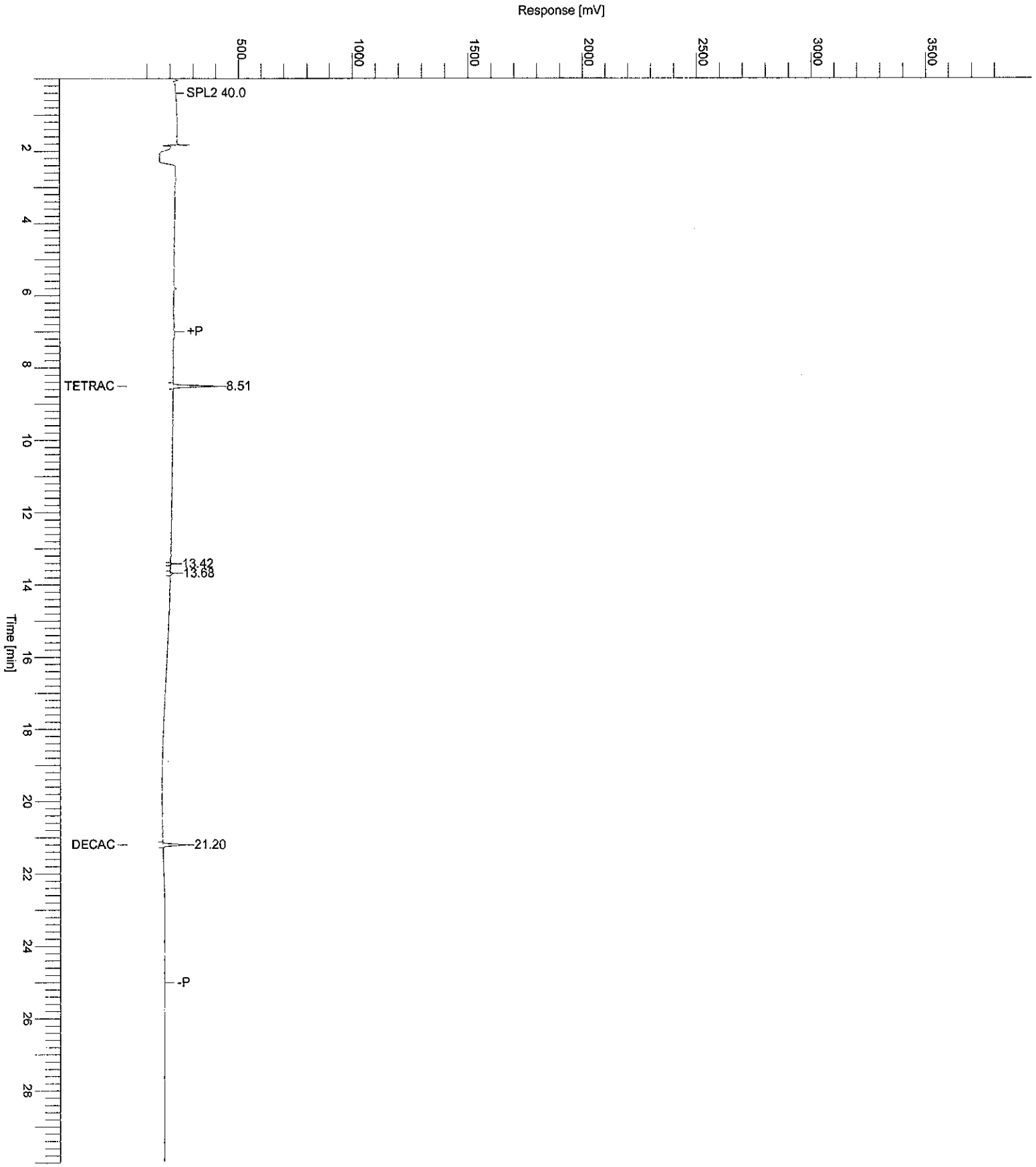


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.51	585635	Tetrachloro-m-xylene	B	0.00500	189300.06
2	13.42	13920		B	0.01392	5350.68
3	13.68	40645		B	0.04064	11049.94
4	21.20	323524	Decachlorobiphenyl	B	0.00500	92446.10
		963723			0.06456	298146.79

Chromatogram

Sample Name : ICM3QM DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29028.raw
Date : 11/30/2008 13:51:26
Method : 6890-6 bside ins Time of Injection: 11/29/2008 13:43:33
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



TotalChrom Method File H:\TURBO6\6890-06\6B-SURR-(11-29-08).mth
Printed by : NearyM on: 11/30/2008 13:54:36
Created by : NearyM on: 11/30/2008 13:46:03
Edited by : NearyM on: 11/30/2008 13:54:32
Number of Times Edited : 2
Number of Times Calibrated : 2571
Description: PEST CURVE 11-14-08

Processed by:

Reviewed by: JJB 12/1/08

Global Sample Information

Default Sample Volume : 1.000 ul
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information

Tetrachloro-m-xylene
Component Type : Single Peak Component
Retention Time : 10.218 min
Search Window : 7.00 s, 0.50 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	708062.40	169599.72	----------	----------	1
B	0.0100	1317916.20	308167.54	----------	----------	1
C	0.0500	5336990.00	1.31e+06	----------	----------	1
D	0.0750	7996655.00	2.08e+06	----------	----------	1
E	0.1000	10132054.40	2.69e+06	----------	----------	1

Calibration Curve : y = (298884.818425) + (99988557.949480)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998857

Decachlorobiphenyl
Component Type : Single Peak Component
Retention Time : 24.656 min
Search Window : 7.00 s, 0.50 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:54:36 Method: H:\TURBO6\6890-06\6B-SURR-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

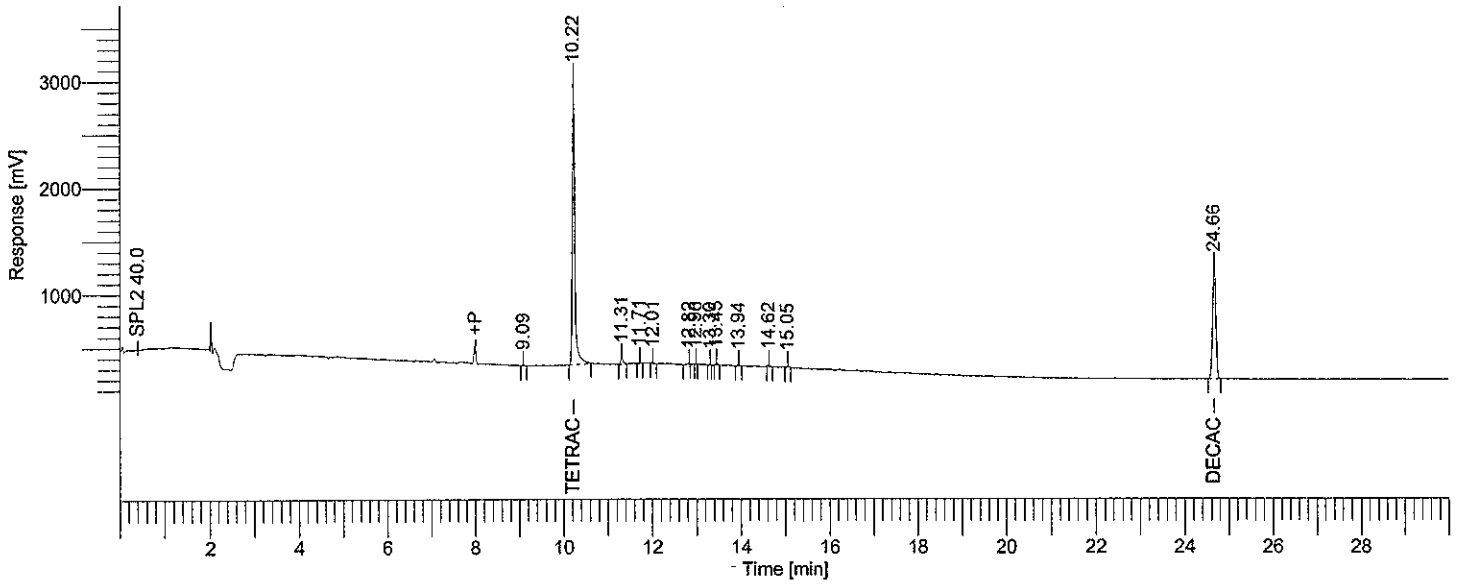
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	304825.50	59645.70	----------	----------	1
B	0.0100	659790.00	122884.92	----------	----------	1
C	0.0500	3038864.40	567706.29	----------	----------	1
D	0.0750	4250505.20	803528.08	----------	----------	1
E	0.1000	5489335.20	1.04e+06	----------	----------	1

Calibration Curve : y = (123233.214710) + (54696475.943536)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997395

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:50:59
Reprocess Number	: buf2048: 83022		
Operator	: tchrom	Sample Name	: ICM3QH
Sample Number	: 0.15	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/24
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 11:17:51	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6b29024.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29024.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29024.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29024.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(11-29-08).mth from H:\TURBO6\6890-06\6b29024.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

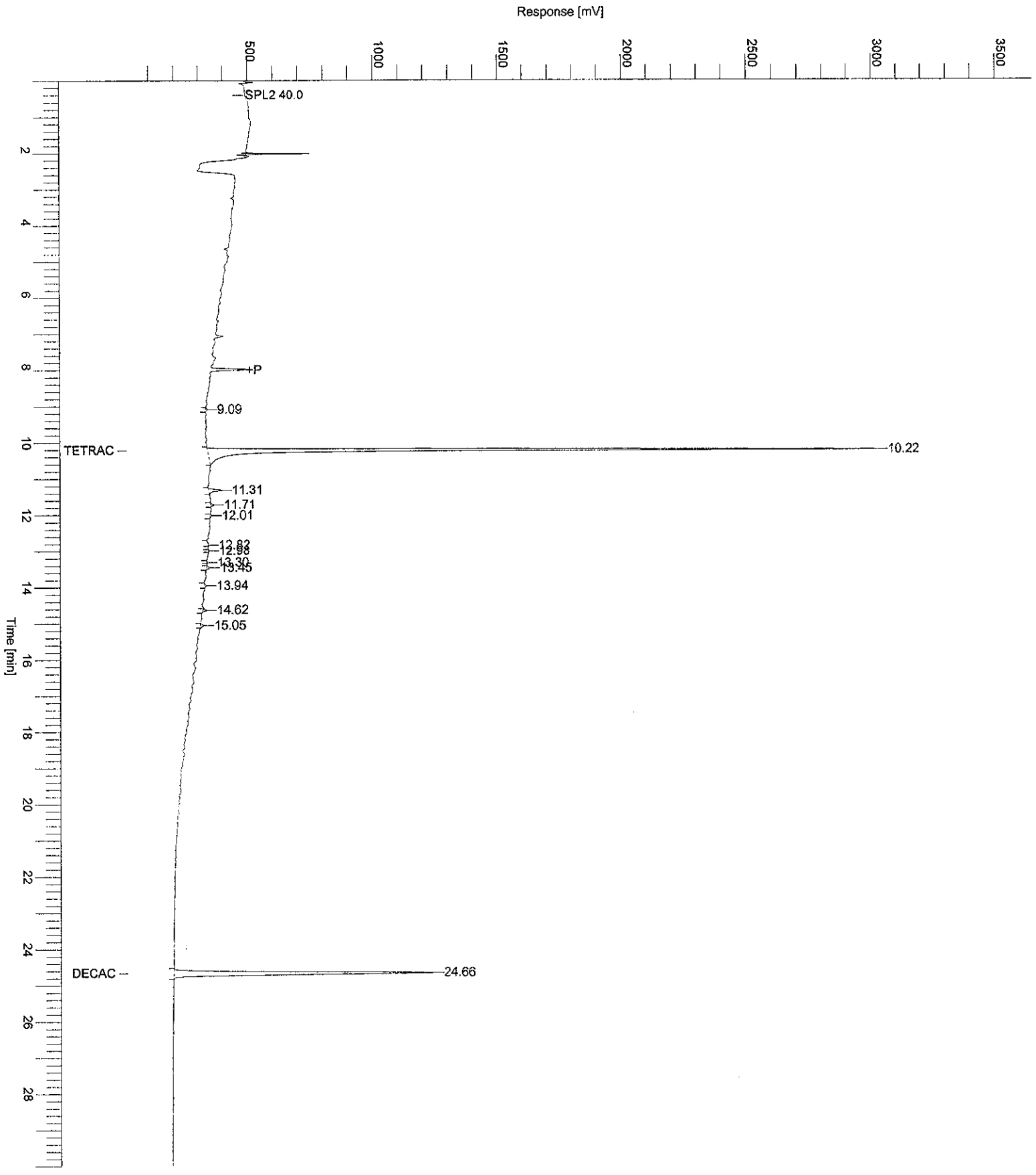


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.09	28978		B	0.02898	6781.71
2	10.22	10132054	Tetrachloro-m-xylene	B	0.10000	2.69e+06
3	11.31	206503		B	0.20650	54245.34
4	11.71	46586		B	0.04659	14470.73
5	12.01	25370		B	0.02537	6866.28
6	12.82	19617		B	0.01962	2013.56
7	12.98	9044		B	0.00904	3720.30
8	13.30	7964		B	0.00796	2133.27
9	13.45	54819		B	0.05482	15617.88
10	13.94	31230		B	0.03123	8410.09
11	14.62	48624		B	0.04862	16051.57
12	15.05	45344		B	0.04534	13988.18
13	24.66	5489335	Decachlorobiphenyl	B	0.10000	1.04e+06
		16145468			0.72408	3.88e+06

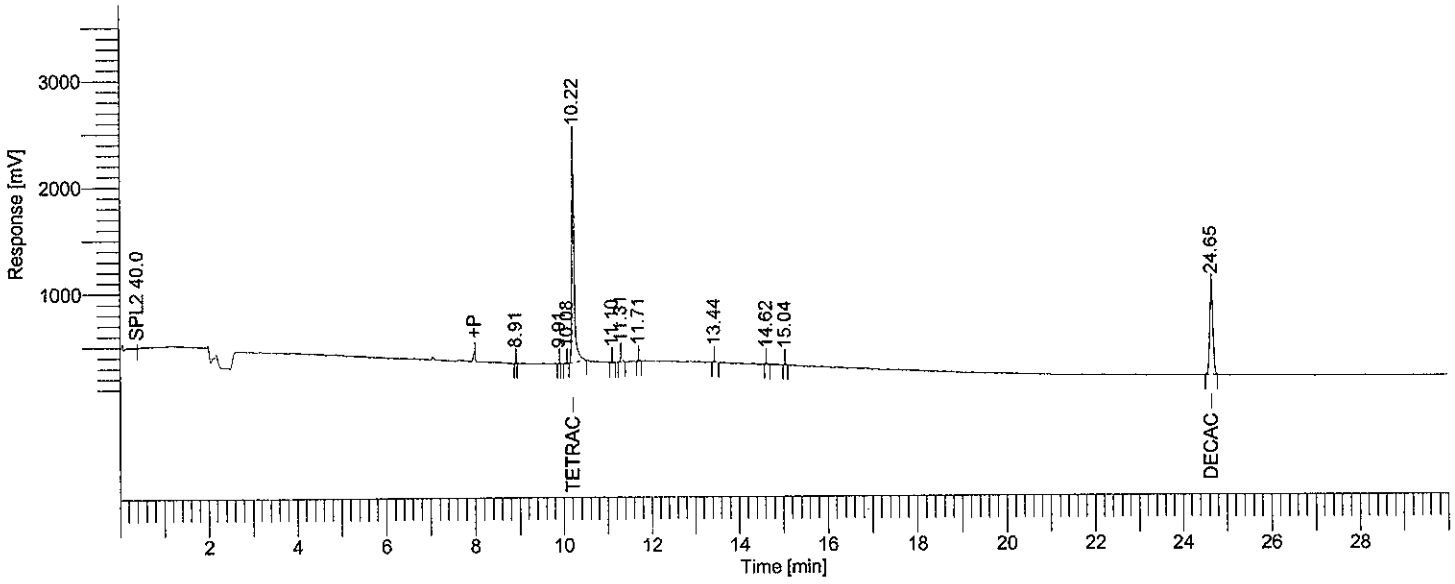
Chromatogram

Sample Name : ICM3QH Sample #: 0.15 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29024.raw
Date : 11/30/2008 13:51:01
Method : 6890-6 bside ins Time of Injection: 11/29/2008 11:17:51
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:07
Reprocess Number	: buf2048: 83024		
Operator	: tchrom	Sample Name	: ICM3QI
Sample Number	: 0.10	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/25
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 11:54:21	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6b29025.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29025.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29025.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29025.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(11-29-08).mth from H:\TURBO6\6890-06\6b29025.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



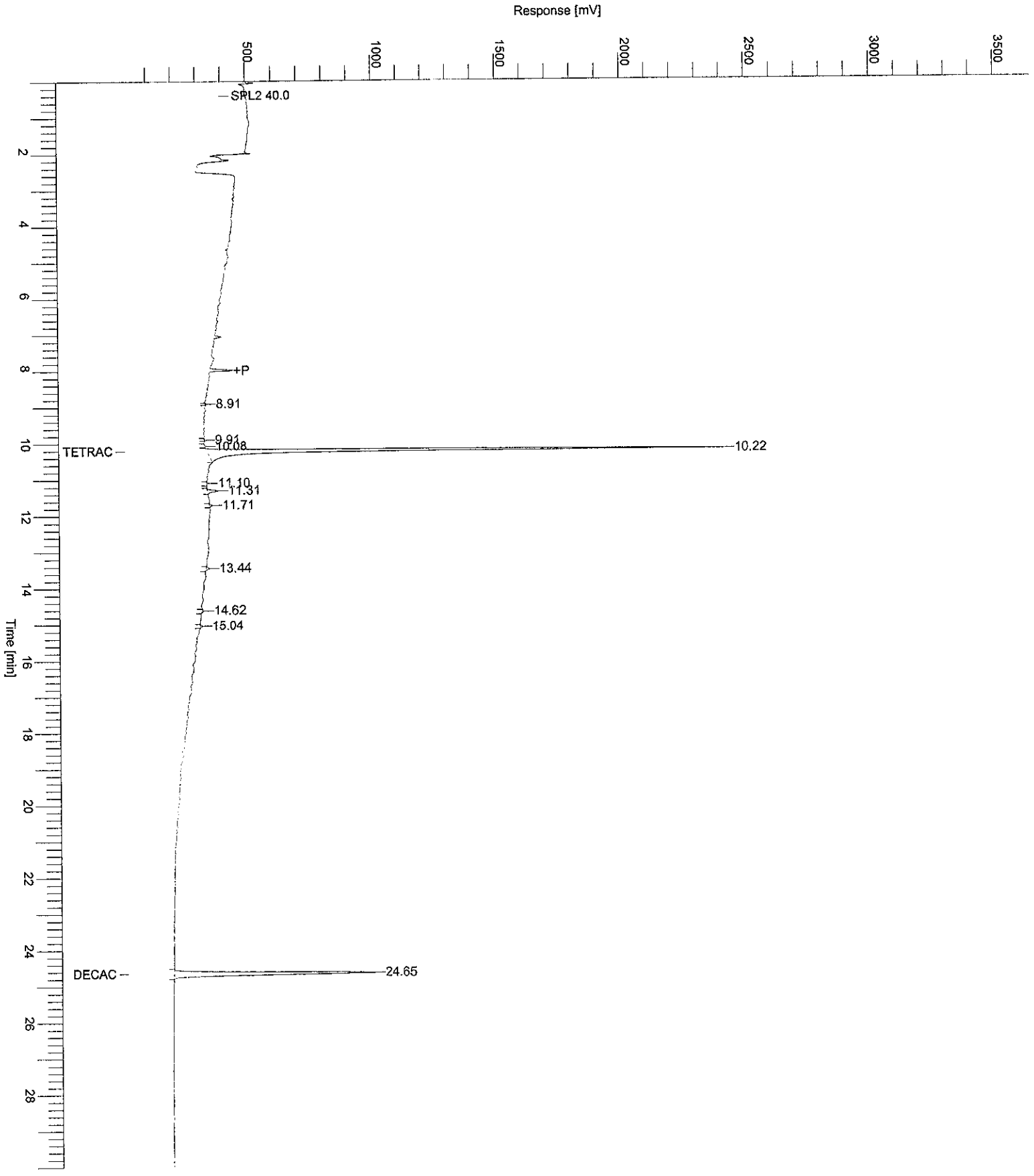
HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
3	10.08	17778		B	0.01778	3962.04
4	10.22	7996655	Tetrachloro-m-xylene	B	0.07500	2.08e+06
5	11.10	17333		B	0.01733	5466.72
6	11.31	151313		B	0.15131	41673.62
7	11.71	36420		B	0.03642	11019.16
8	13.44	43170		B	0.04317	12164.42
9	14.62	26136		B	0.02614	7985.26
10	15.04	26754		B	0.02675	8836.74
11	24.65	4250505	Decachlorobiphenyl	B	0.07500	803528.08
		12566064			0.46890	2.97e+06

Chromatogram

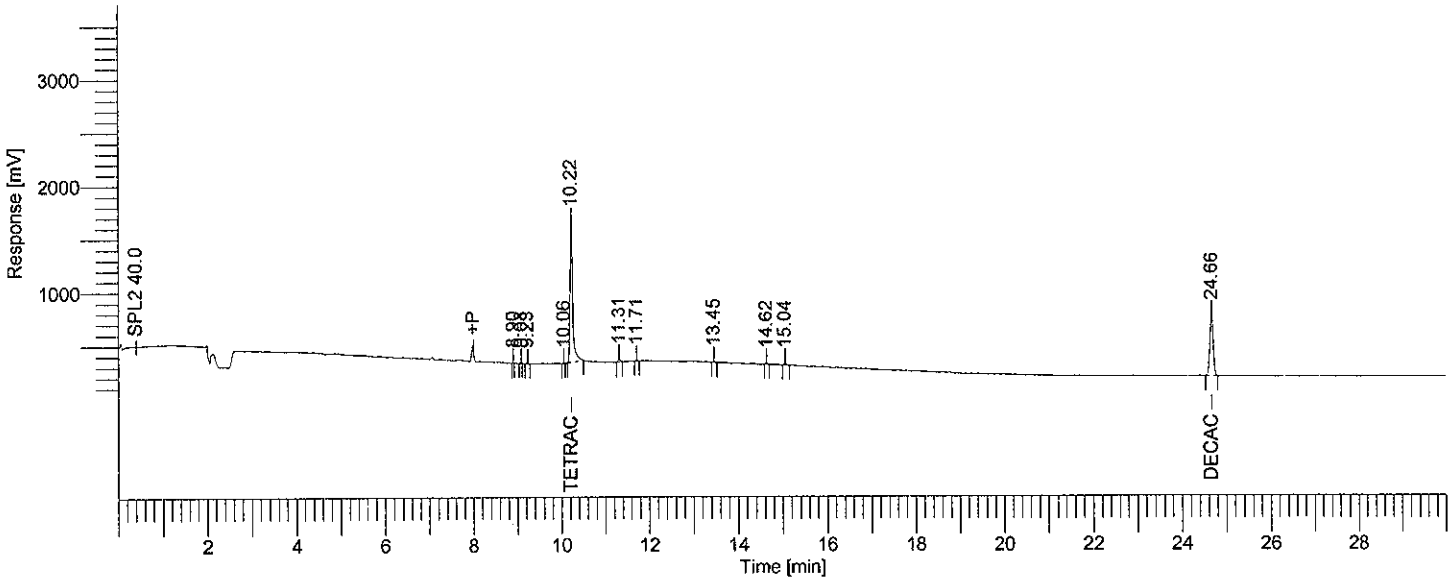
Sample Name : ICM3QI
FileName : H:\TURBO6\6890-06\6b29025.raw
Date : 11/30/2008 13:51:08
Method : 6890-6 bside ins
Start Time : 0.00 min End Time : 30.00 min
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV

Sample #: 0.10 Page 1 of 1
Time of Injection: 11/29/2008 11:54:21
Low Point : 10.00 mV High Point : 3510.00 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:14
Reprocess Number	: buf2048: 83026		
Operator	: tchrom	Sample Name	: ICM3QM
Sample Number	: 0.05	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/26
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 12:30:44	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6b29026.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29026.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29026.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29026.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(11-29-08).mth from H:\TURBO6\6890-06\6b29026.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

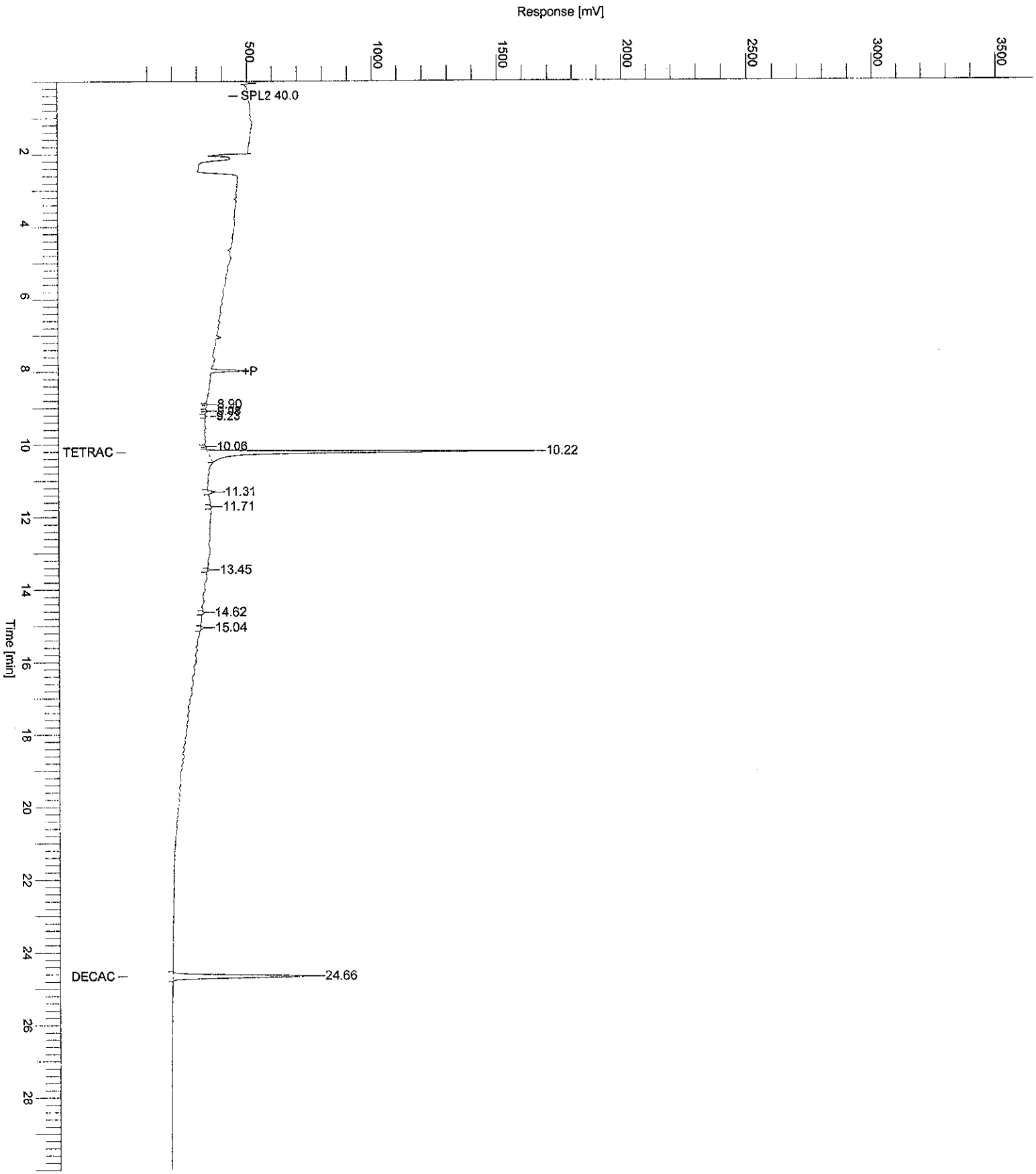


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
3	9.23	14904		B	0.01490	3876.29
5	10.22	5336990	Tetrachloro-m-xylene	B	0.05000	1.31e+06
6	11.31	94143		B	0.09414	27199.27
7	11.71	27357		B	0.02736	7974.77
8	13.45	27830		B	0.02783	9095.25
9	14.62	23851		B	0.02385	7740.01
10	15.04	59748		B	0.05975	17054.94
11	24.66	3038864	Decachlorobiphenyl	B	0.05000	567706.29
		8623688			0.34783	1.95e+06

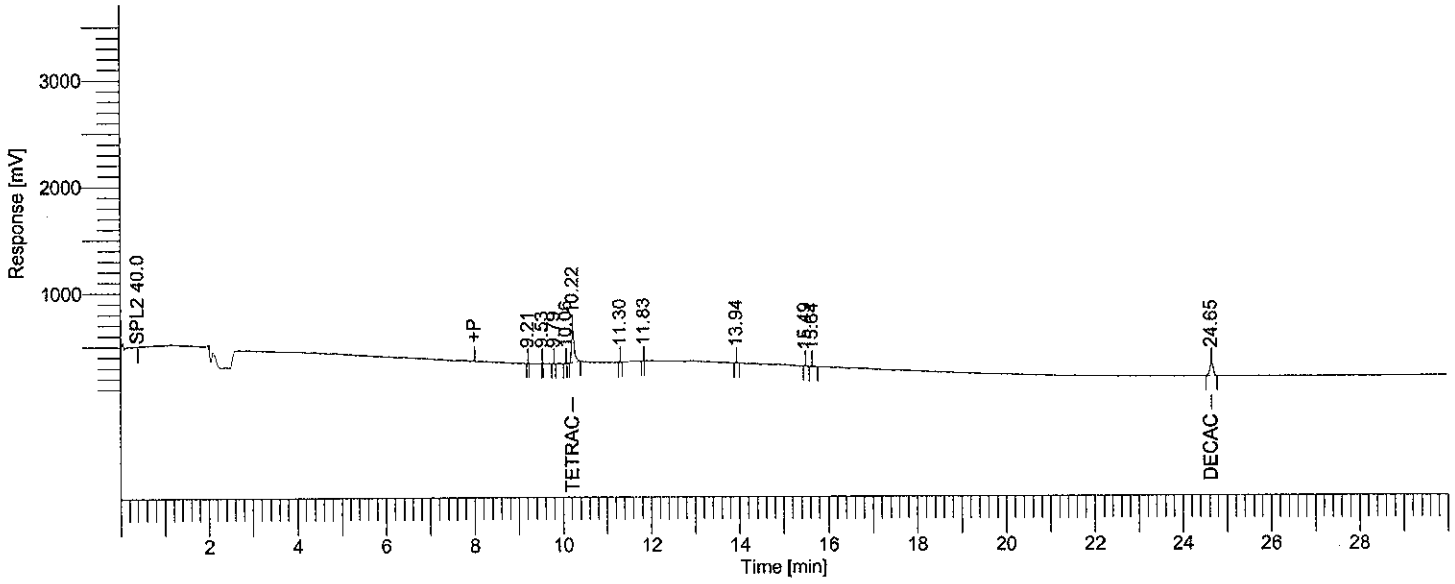
Chromatogram

Sample Name : ICM3QM Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29026.raw
Date : 11/30/2008 13:51:16
Method : 6890-6 bside ins Time of Injection: 11/29/2008 12:30:44
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:21
Reprocess Number	: buf2048: 83028		
Operator	: tchrom	Sample Name	: ICM3QI DF10
Sample Number	: 0.01	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/27
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 13:07:12	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6b29027.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29027.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29027.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29027.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(11-29-08).mth from H:\TURBO6\6890-06\6b29027.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

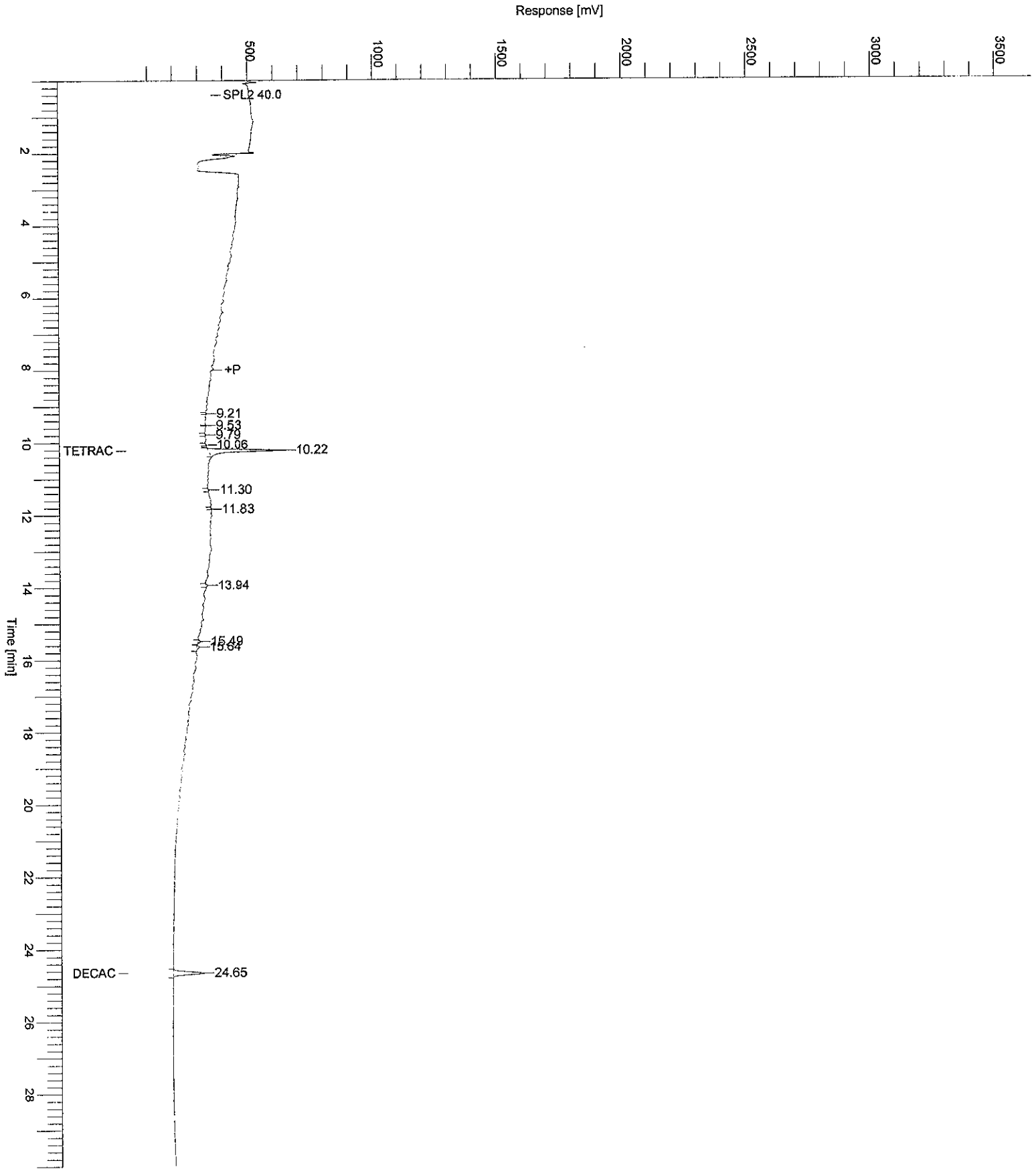


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
3	9.79	9577		B	0.00958	3189.82
4	10.06	6805		B	0.00681	2026.10
5	10.22	1317916	Tetrachloro-m-xylene	B	0.01000	308167.54
6	11.30	14920		B	0.01492	5876.38
8	13.94	24203		B	0.02420	8338.68
9	15.49	40990		B	0.04099	11309.22
10	15.64	58969		B	0.05897	12201.04
11	24.65	659790	Decachlorobiphenyl	B	0.01000	122884.92
		2133169			0.17546	473993.70

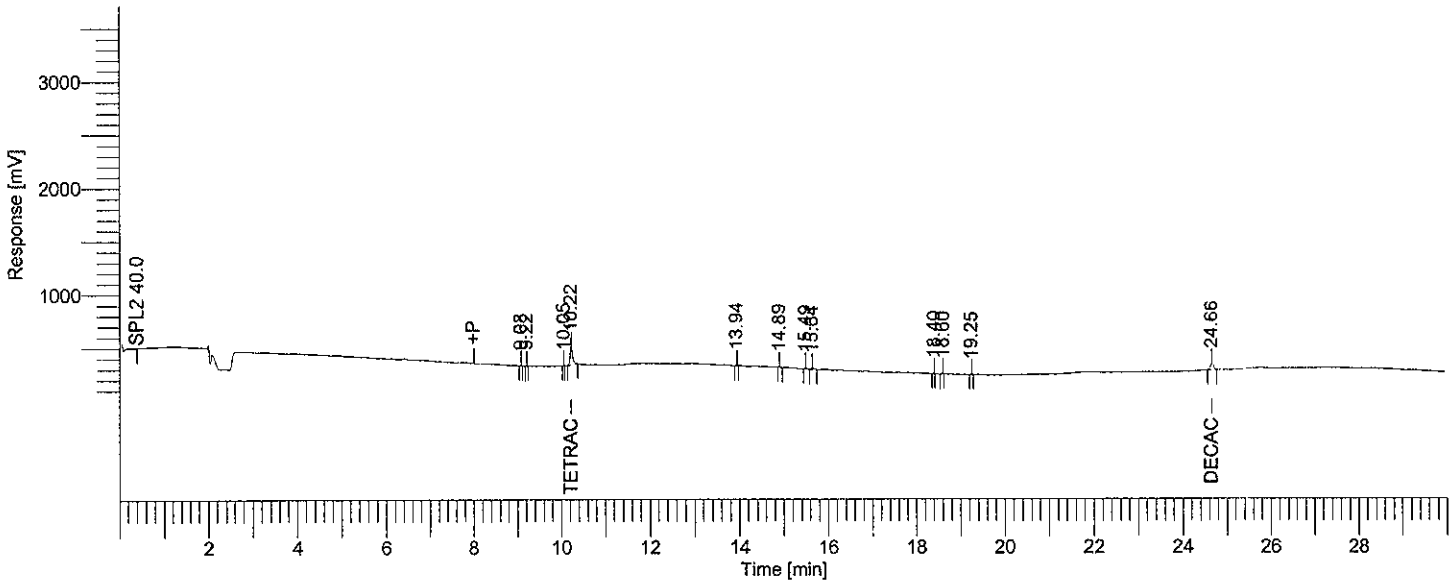
Chromatogram

Sample Name : ICM3QI DF10 Sample #: 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29027.raw
Date : 11/30/2008 13:51:23
Method : 6890-6 bside ins Time of Injection: 11/29/2008 13:07:12
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:28
Reprocess Number	: buf2048: 83030		
Operator	: tchrom	Sample Name	: ICM3QM DF10
Sample Number	: 0.005	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/28
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 13:43:33	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6b29028.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29028.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29028.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29028.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(11-29-08).mth from H:\TURBO6\6890-06\6b29028.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

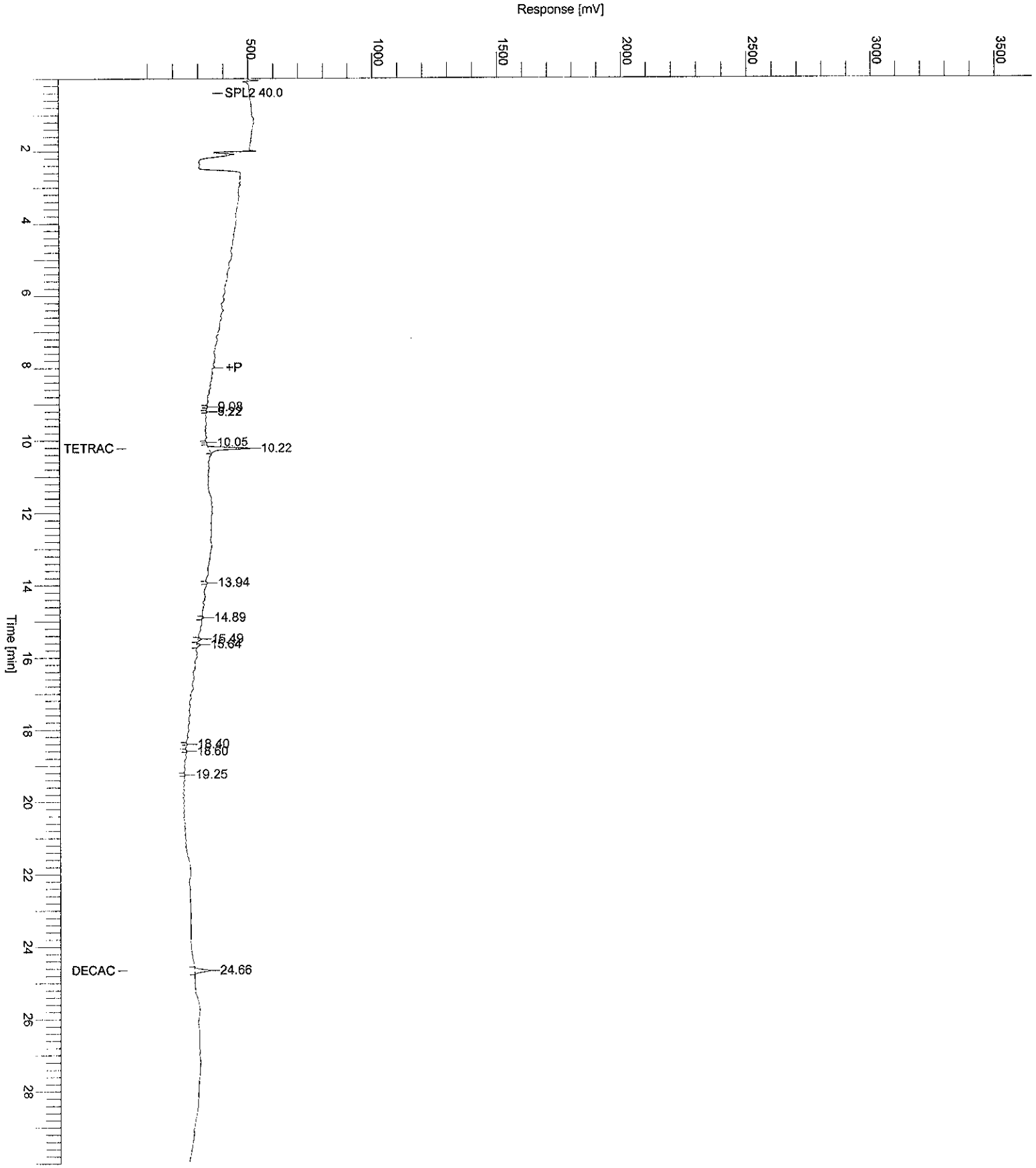


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.08	7194		B	0.00719	2630.55
2	9.22	8036		B	0.00804	3615.33
4	10.22	708062	Tetrachloro-m-xylene	B	0.00500	169599.72
5	13.94	13334		B	0.01333	4939.04
6	14.89	16429		B	0.01643	6037.94
7	15.49	49979		B	0.04998	13241.02
8	15.64	60094		B	0.06009	13416.72
10	18.60	8164		B	0.00816	1877.73
11	19.25	8745		B	0.00875	2935.08
12	24.66	304825	Decachlorobiphenyl	B	0.00500	59645.70
		1184863			0.18197	277938.83

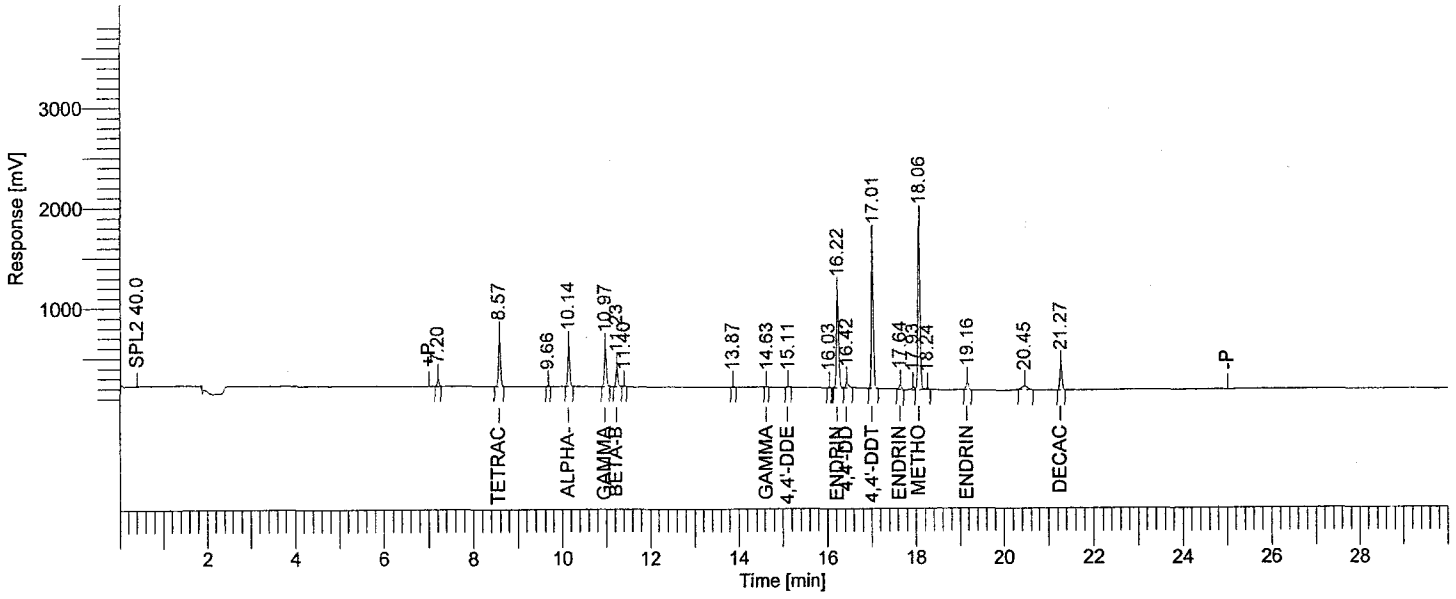
Chromatogram

Sample Name : ICM3QM DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29028.raw
Date : 11/30/2008 13:51:30
Method : 6890-6 bside ins Time of Injection: 11/29/2008 13:43:33
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 09:03:28
Reprocess Number	: buf1938: 87772		
Operator	: tchrom	Sample Name	: ICM1DA
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/54
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 07:37:19	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6a29054.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29054.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29054.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29054.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29054.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.20	183635		B	0.18364	68224.01
2	8.57	1565727	Tetrachloro-m-xylene	B	0.01454	502114.92
3	9.66	26018		B	0.02602	8831.97
4	10.14	1250869	alpha-BHC	B	0.00761	401642.28
5	10.97	1218018	gamma-BHC	B	0.00796	380261.71
6	11.23	612010	beta-BHC	B	0.00803	182422.80
7	11.40	31720		V	0.03172	9295.83
8	13.87	31817		B	0.03182	10218.34
9	14.63	17021	gamma chlordane	B	6.27e-04	6072.08
10	15.11	42199	4,4'-DDE	B	0.00120	12560.17
11	16.03	30817		B	0.03082	10598.37
12	16.22	3241452	Endrin	B	0.03494	948603.19
13	16.42	233309	4,4'-DDD	B	0.00265	54176.00
14	17.01	4741354	4,4'-DDT	B	0.06769	1.47e+06
15	17.64	171882	Endrin aldehyde	B	0.00142	44571.41
16	17.93	177934		B	0.17793	25257.42
17	18.06	5512929	Methoxychlor	V	0.16672	1.68e+06
18	18.24	72185		E	0.07219	15665.31
19	19.16	270154	Endrin ketone	B	0.00389	74754.98
20	20.45	325784		B	0.32578	37116.44
21	21.27	869143	Decachlorobiphenyl	B	0.01433	240634.48

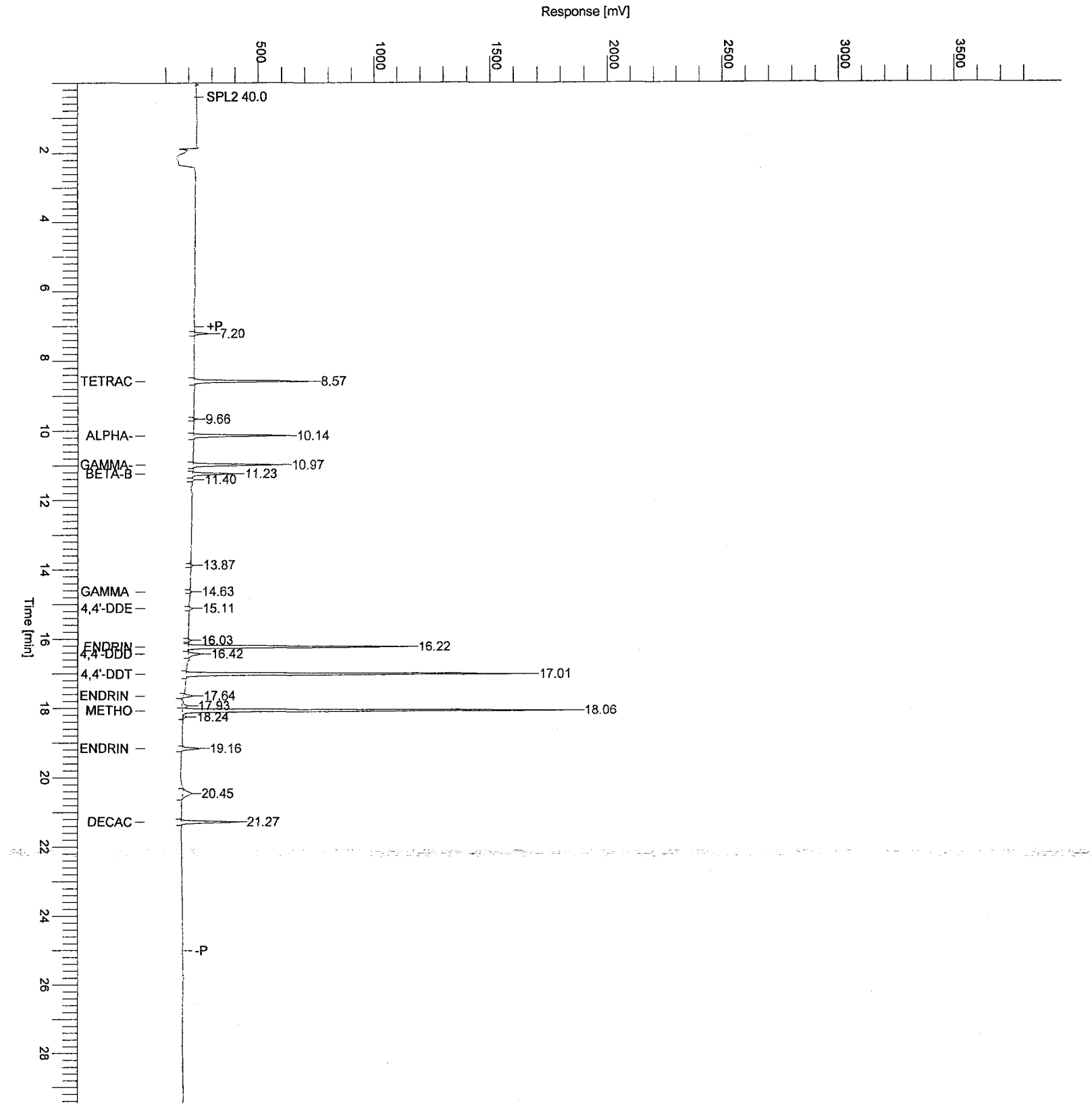
DDT 5.49
Endrin 12.0
12-2-08
DSB

12/01/2008 09:03:28 Result: H:\TURBO6\6890-06\6a29054.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
		20625977			1.21152	6.19e+06

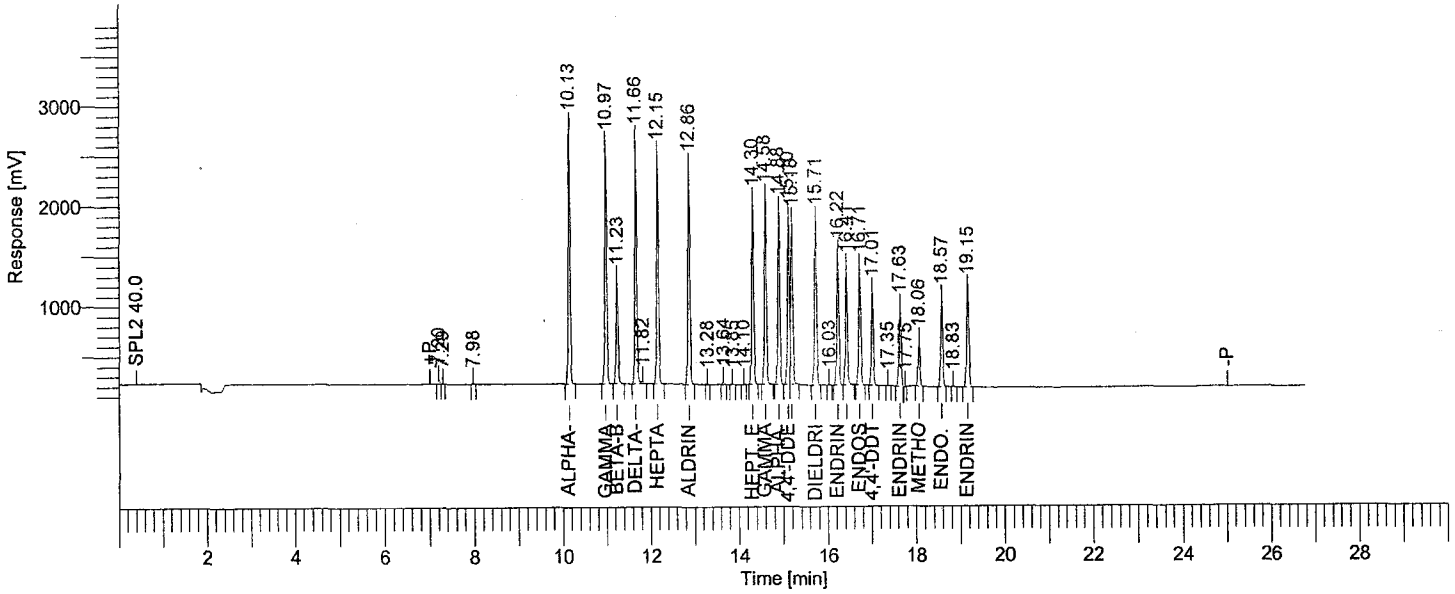
Chromatogram

Sample Name : ICM1DA Sample #: Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29054.raw
Date : 12/01/2008 09:03:29
Method : 6890-6 bside ins Time of Injection: 12/01/2008 07:37:19
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 09:03:33
Reprocess Number	: buf1938: 87774		
Operator	: tchrom	Sample Name	: ICM25ZU
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/55
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 26.77 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 08:13:50	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6a29055.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29055.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29055.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29055.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29055.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

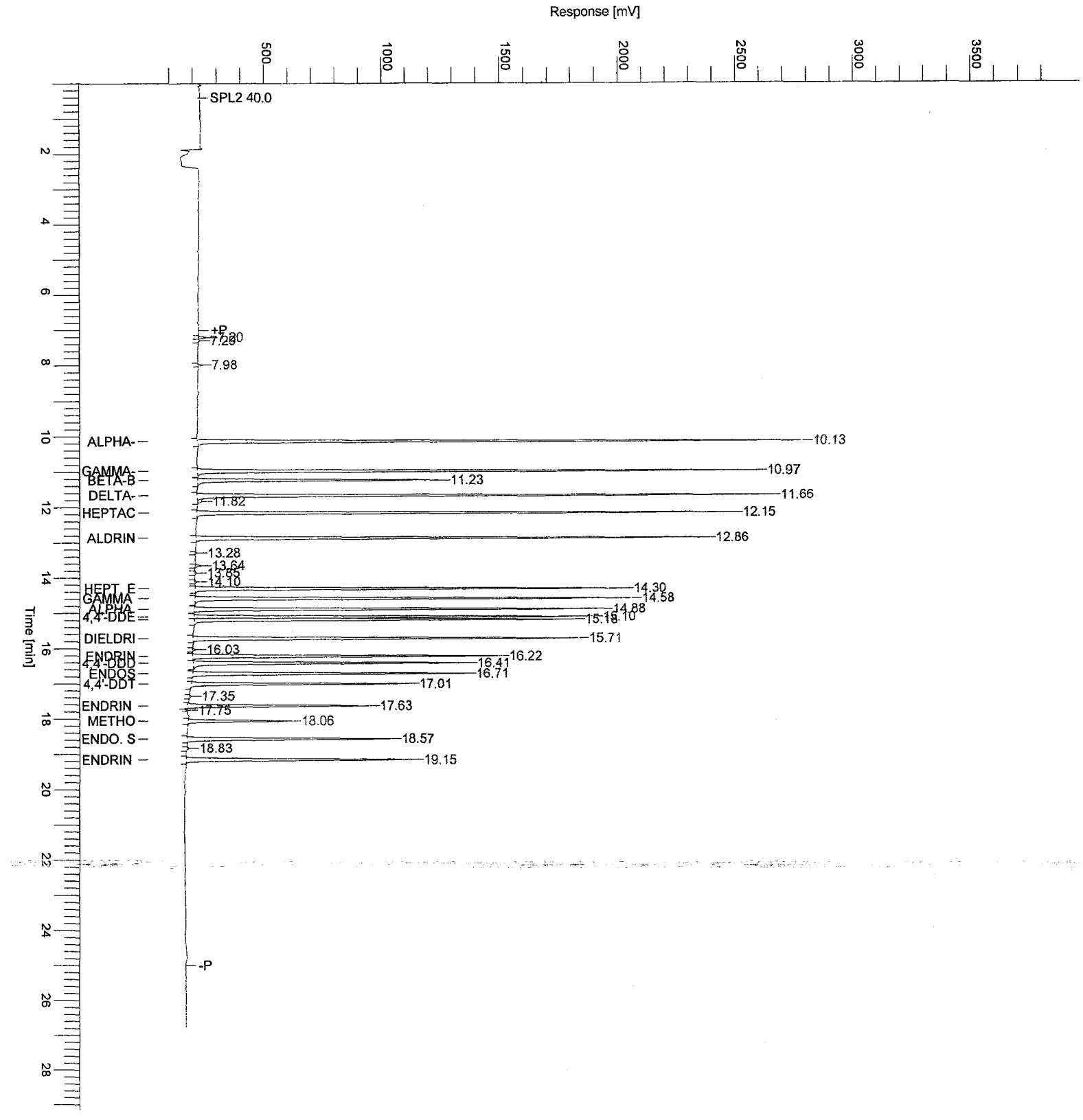


Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.13	BB	7675684	alpha-BHC	0.04719	2.57e+06	-5.6	10.08 -	10.18
10.97	BB	7335987	gamma-BHC	0.04896	2.37e+06	-2.1	10.92 -	11.02
11.23	BB	3296491	beta-BHC	0.05085	1.03e+06	1.7	11.18 -	11.28
11.66	BE	7727218	delta-BHC	0.04891	2.43e+06	-2.2	11.61 -	11.71
12.15	BB	7128862	Heptachlor	0.05007	2.27e+06	0.1	12.10 -	12.20
12.86	BB	6823429	Aldrin	0.04976	2.16e+06	-0.5	12.81 -	12.91
14.30	BB	5877194	Hept. epoxide	0.04881	1.81e+06	-2.4	14.25 -	14.35
14.58	BB	5965578	gamma chlordane	0.04739	1.85e+06	-5.2	14.53 -	14.63
14.88	BB	5573992	alpha chlordane	0.04740	1.73e+06	-5.2	14.83 -	14.93
15.10	BV	5199678	4,4'-DDE	0.04724	1.69e+06	-5.5	15.05 -	15.15
15.18	VB	5454725	Endosulfan I	0.04856	1.61e+06	-2.9	15.13 -	15.23
15.71	BB	5473653	Dieldrin	0.04817	1.63e+06	-3.7	15.66 -	15.76
16.22	BB	4409878	Endrin	0.04711	1.30e+06	-5.8	16.17 -	16.27
16.41	BB	3901099	4,4'-DDD	0.04809	1.16e+06	-3.8	16.36 -	16.46
16.71	BB	3985696	Endosulfan II	0.04801	1.16e+06	-4.0	16.66 -	16.76
17.01	BB	2938274	4,4'-DDT	0.04347	923184.79	-13.1	16.96 -	17.06
17.63	BB	2713965	Endrin aldehyde	0.04680	775942.68	-6.4	17.58 -	17.68
18.06	BB	1404154	Methoxychlor	0.04462	434390.56	-10.8	18.01 -	18.11
18.57	BB	3025664	Endo. Sulfate	0.04680	865420.73	-6.4	18.52 -	18.62
19.15	BB	3521654	Endrin ketone	0.04723	965258.91	-5.5	19.10 -	19.20
		99432875		0.95544	3.07e+07			

12-1-08 DJB

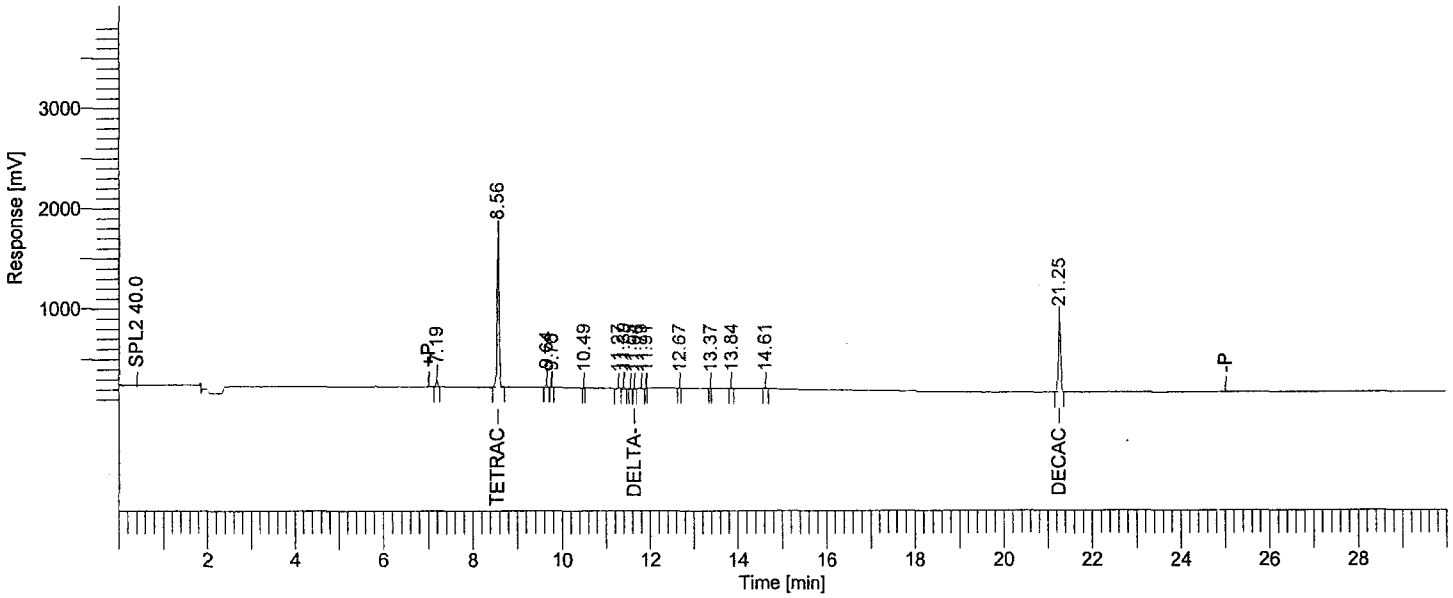
Chromatogram

Sample Name : ICM25ZU Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29055.raw
Date : 12/01/2008 09:03:34
Method : 6890-6 bside ins Time of Injection: 12/01/2008 08:13:50
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 12:45:20
Reprocess Number	: buf1938: 87778		
Operator	: tchrom	Sample Name	: ICM3QM
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/56
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 09:34:55	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6a29056.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29056.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29056.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29056.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29056.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
8.56	BB	4524134	Tetrachloro-m-xy	0.04566	1.50e+06	-8.7	8.51 -	8.61
11.64	BV	~~22921~~	~~delta-BHC~~	~~4.21e-04~~	~~7724.68~~	~~99.2~~	11.59 -	11.69
21.25	BB	2501526	Decachlorobiphen	0.04598	693582.85	-8.0	21.20 -	21.30
		7048581		0.09206	2.21e+06			

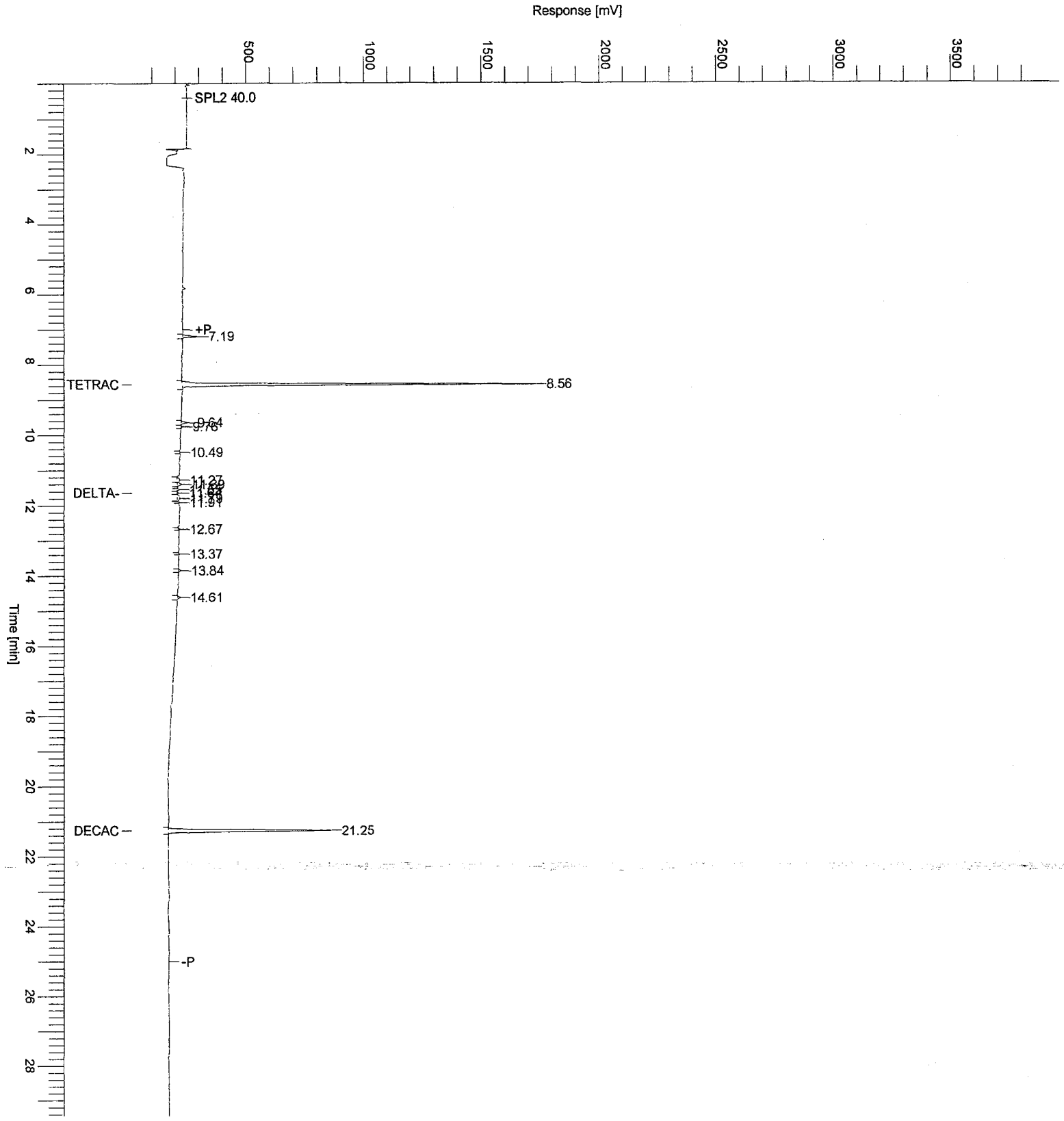
Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	10.079
gamma-BHC	10.916
beta-BHC	11.174
Heptachlor	12.093
Aldrin	12.806
Hept. epoxide	14.247
gamma chlordane	14.526
alpha chlordane	14.827
4,4'-DDE	15.047
Endosulfan I	15.123
Dieldrin	15.658
Endrin	16.161
4,4'-DDD	16.355

12-1-08 DWB

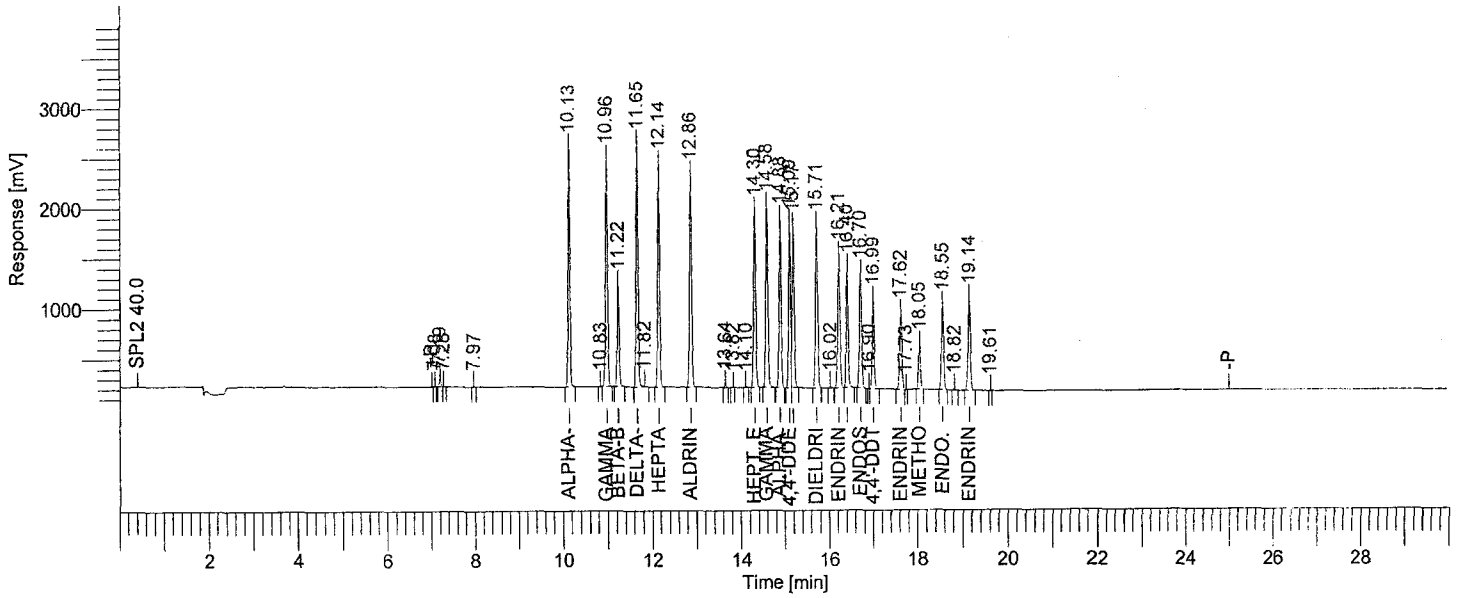
Chromatogram

Sample Name : ICM3QM Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29056.raw
Date : 12/01/2008 12:45:21
Method : 6890-6 bside ins Time of Injection: 12/01/2008 09:34:55
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:33
Reprocess Number	: buf1938: 87824		
Operator	: tchrom	Sample Name	: ICM25ZU
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/68
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.96 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 16:52:41	Cycle	: 8

Raw Data File : H:\TURBO6\6890-06\6a29068.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29068.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29068.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29068.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29068.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

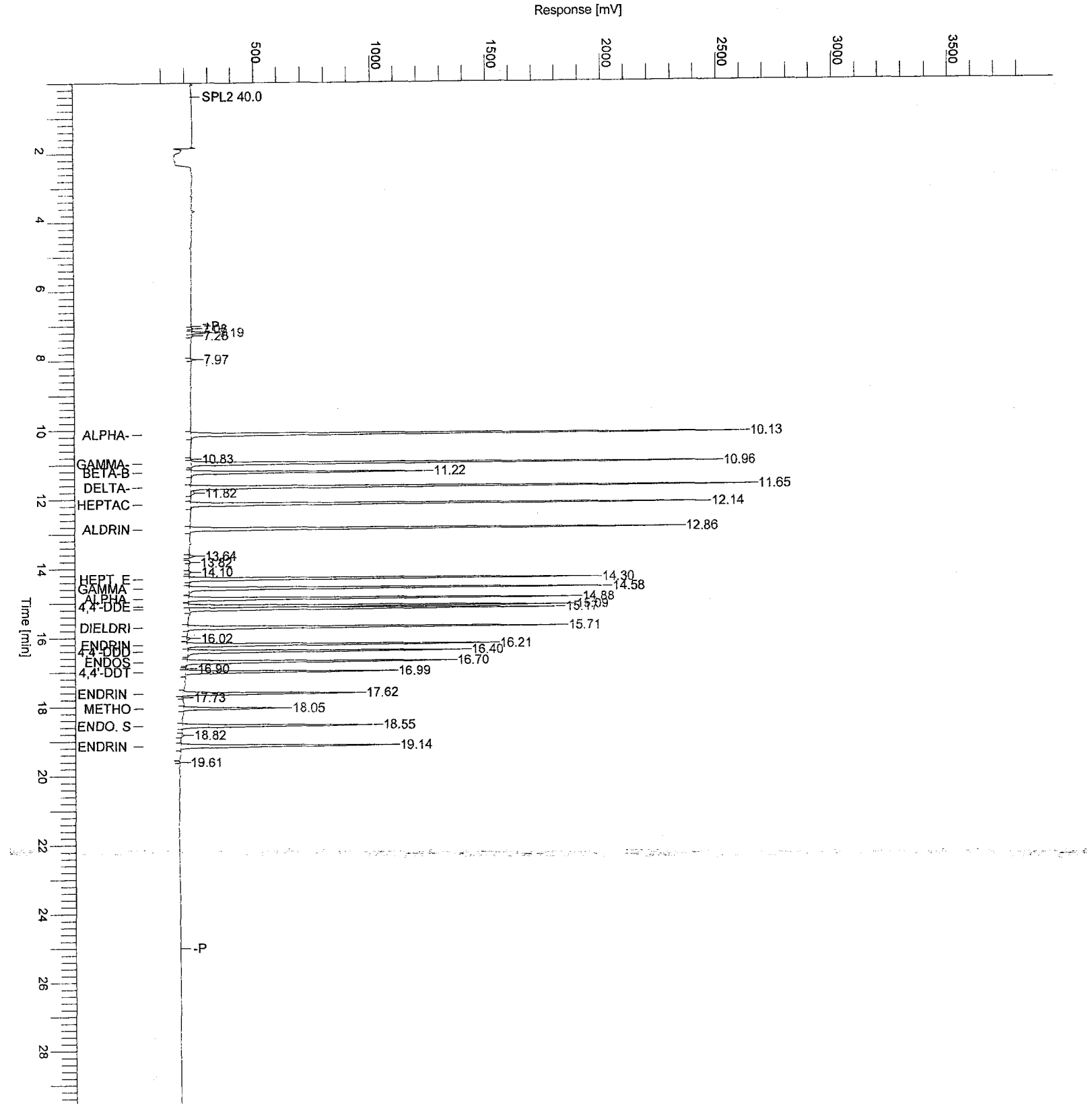


Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.13	BB	7075340	alpha-BHC	0.04349	2.37e+06	-13.0	10.08 -	10.18
10.96	VB	6916645	gamma-BHC	0.04615	2.26e+06	-7.7	10.91 -	11.01
11.22	BB	3181762	beta-BHC	0.04902	1.00e+06	-2.0	11.17 -	11.27
11.65	BE	7493547	delta-BHC	0.04744	2.41e+06	-5.1	11.60 -	11.70
12.14	BB	6882202	Heptachlor	0.04831	2.21e+06	-3.4	12.09 -	12.19
12.86	BB	6591060	Aldrin	0.04804	2.10e+06	-3.9	12.81 -	12.91
14.30	BB	5659834	Hept. epoxide	0.04698	1.74e+06	-6.0	14.25 -	14.35
14.58	BB	5777150	gamma chlordane	0.04591	1.79e+06	-8.2	14.53 -	14.63
14.88	BB	5377482	alpha chlordane	0.04573	1.66e+06	-8.5	14.83 -	14.93
15.09	BV	5041656	4,4'-DDE	0.04583	1.63e+06	-8.3	15.04 -	15.14
15.17	VB	5205129	Endosulfan I	0.04630	1.59e+06	-7.4	15.12 -	15.22
15.71	BB	5246573	Dieldrin	0.04617	1.60e+06	-7.7	15.66 -	15.76
16.21	BB	4427920	Endrin	0.04729	1.31e+06	-5.4	16.16 -	16.26
16.40	BB	3807610	4,4'-DDD	0.04693	1.18e+06	-6.1	16.35 -	16.45
16.70	BB	3824535	Endosulfan II	0.04604	1.12e+06	-7.9	16.65 -	16.75
16.99	VB	2825493	4,4'-DDT	0.04196	874576.69	-16.1	16.94 -	17.04
17.62	BB	2557374	Endrin aldehyde	0.04401	749427.37	-12.0	17.57 -	17.67
18.05	BB	1362447	Methoxychlor	0.04339	428357.68	-13.2	18.00 -	18.10
18.55	BB	2881617	Endo. Sulfate	0.04456	820193.79	-10.9	18.50 -	18.60
19.14	BB	3278140	Endrin ketone	0.04398	900703.51	-12.0	19.09 -	19.19
		95413517		0.91750	2.97e+07			

12-2-08

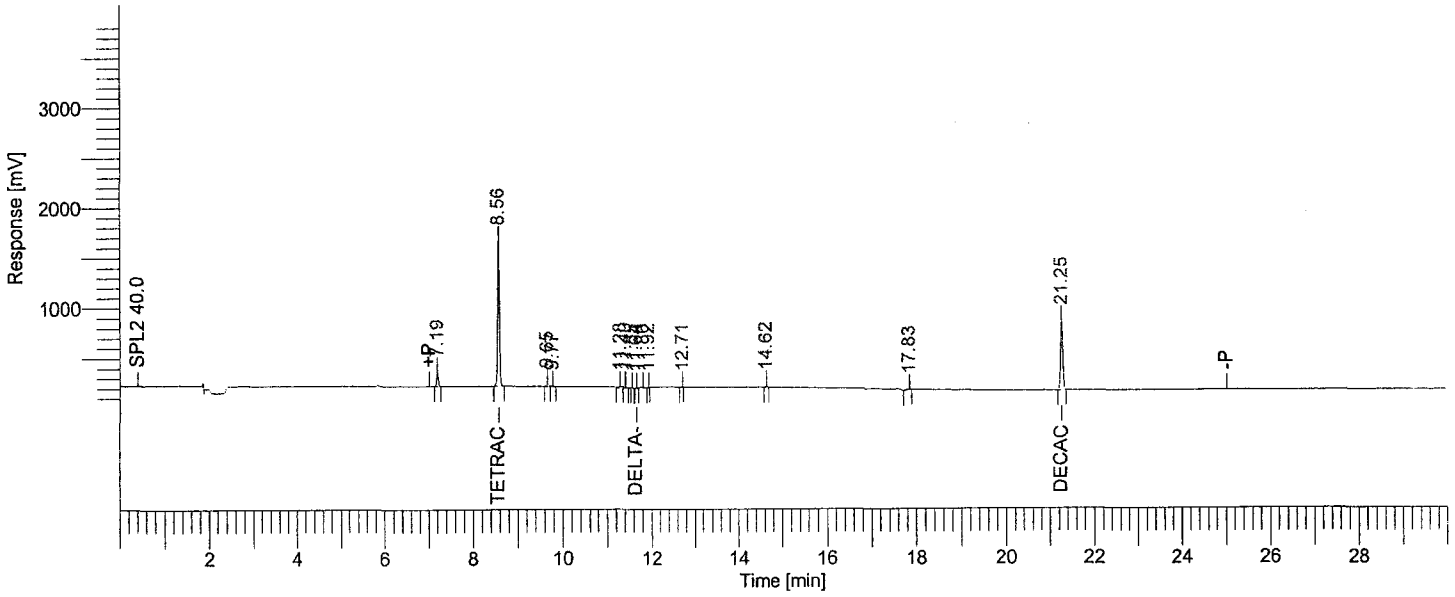
Chromatogram

Sample Name : ICM25ZU
Sample #: 0.05
Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29068.raw
Date : 12/02/2008 06:26:34
Method : 6890-6 bside ins
Time of Injection: 12/01/2008 16:52:41
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3810.
Plot Offset: 10.00 mV
Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:38
Reprocess Number	: buf1938: 87826		
Operator	: tchrom	Sample Name	: ICM3QM
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/69
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 17:29:04	Cycle	: 9

Raw Data File : H:\TURBO6\6890-06\6a29069.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29069.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29069.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29069.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29069.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
8.56	BB	4332905	Tetrachloro-m-xy	0.04365	1.44e+06	-12.7	8.51 -	8.61
11.64	BV	23765	delta-BHC	4.26e-04	7919.79	-99.1	11.59 -	11.69
21.25	BB	2443501	Decachlorobiphen	0.04486	683669.95	-10.3	21.20 -	21.30
		6800170		0.08893	2.14e+06			

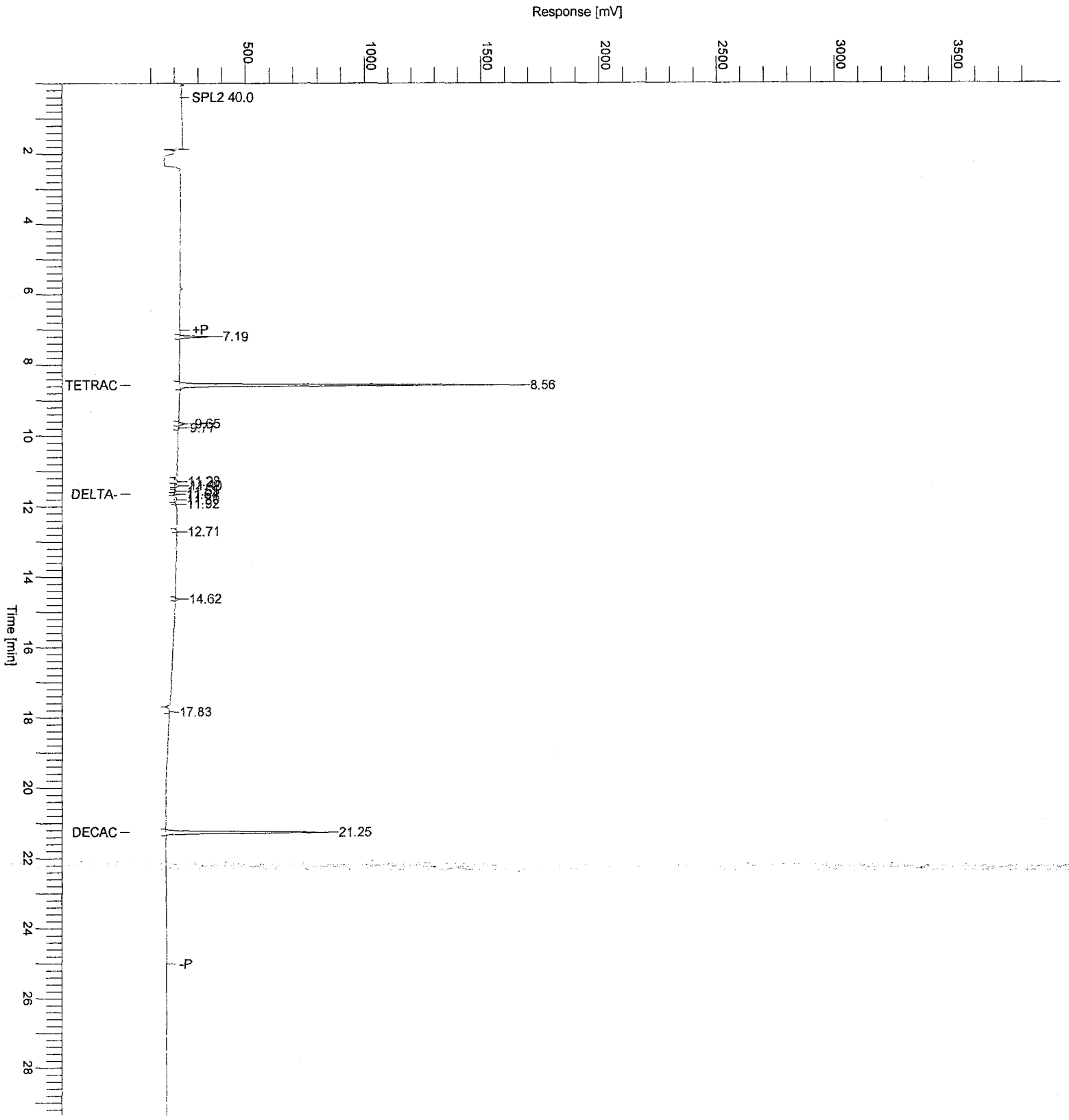
Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	10.079
gamma-BHC	10.916
beta-BHC	11.174
Heptachlor	12.093
Aldrin	12.806
Hept. epoxide	14.247
gamma chlordane	14.526
alpha chlordane	14.827
4,4'-DDE	15.047
Endosulfan I	15.123
Dieldrin	15.658
Endrin	16.161
4,4'-DDD	16.355

12-2-08 DLB

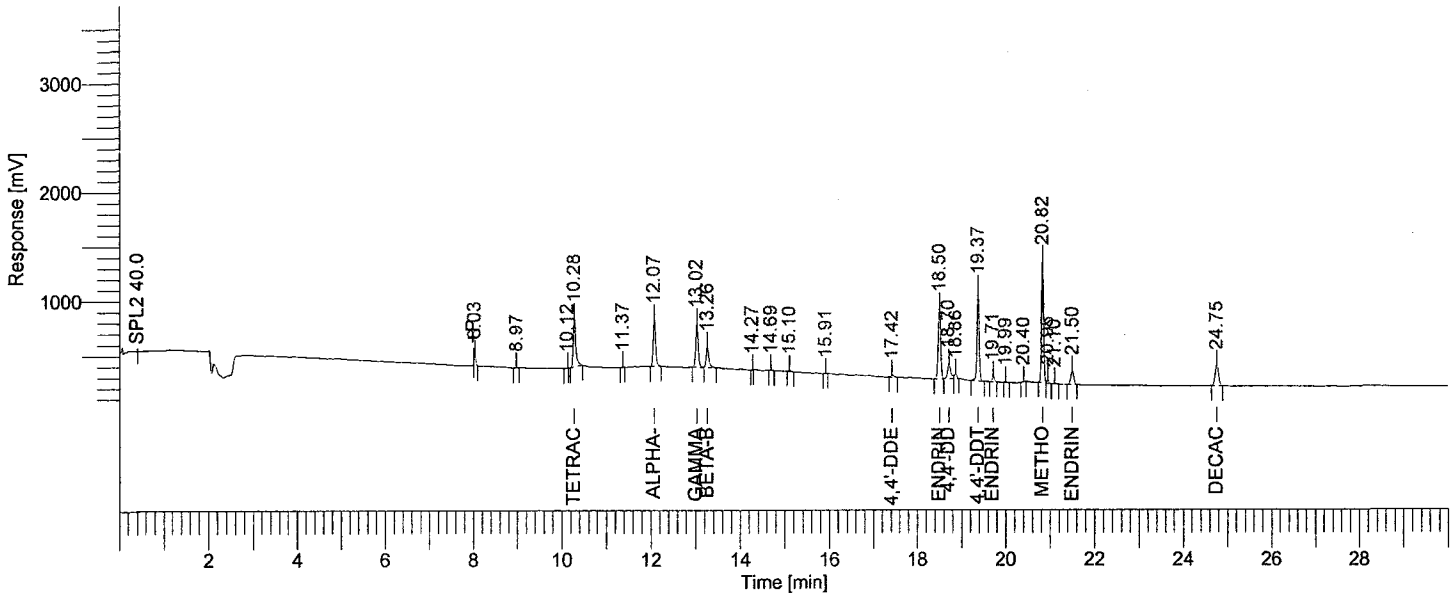
Chromatogram

Sample Name : ICM3QM Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29069.raw
Date : 12/02/2008 06:26:39
Method : 6890-6 bside ins Time of Injection: 12/01/2008 17:29:04
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 09:03:31
Reprocess Number	: buf1938: 87773		
Operator	: tchrom	Sample Name	: ICM1DA
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/54
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 07:37:19	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6b29054.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29054.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29054.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29054.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29054.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.03	204367		B	0.20437	83135.05
2	8.97	20131		B	0.02013	4602.79
3	10.12	8238		B	0.00824	1291.59
4	10.28	1915558	Tetrachloro-m-xylene	B	0.01617	445945.11
5	11.37	18295		B	0.01830	6306.06
6	12.07	1646412	alpha-BHC	B	0.00805	427644.80
7	13.02	1548763	gamma-BHC	B	0.00812	396837.12
8	13.26	803655	beta-BHC	V	0.00678	185509.33
10	14.69	32129		B	0.03213	9802.04
11	15.10	47494		B	0.04749	11800.00
12	15.91	10504		B	0.01050	3351.57
13	17.42	94496	4,4'-DDE	B	9.28e-04	21202.27
14	18.50	2470176	Endrin	B	0.03367	652399.84
15	18.70	721219	4,4'-DDD	V	0.00944	137999.74
16	18.86	172441		V	0.17244	42440.22
17	19.37	2914054	4,4'-DDT	B	0.06465	830313.56
18	19.71	178131	Endrin aldehyde	B	0.00333	47614.38
19	19.99	25390		B	0.02539	6363.91
20	20.40	32154		B	0.03215	8318.59
21	20.82	3805713	Methoxychlor	B	0.17154	1.12e+06

DDT 2.1.87
Endrin 23.34
12-2-08
DJB

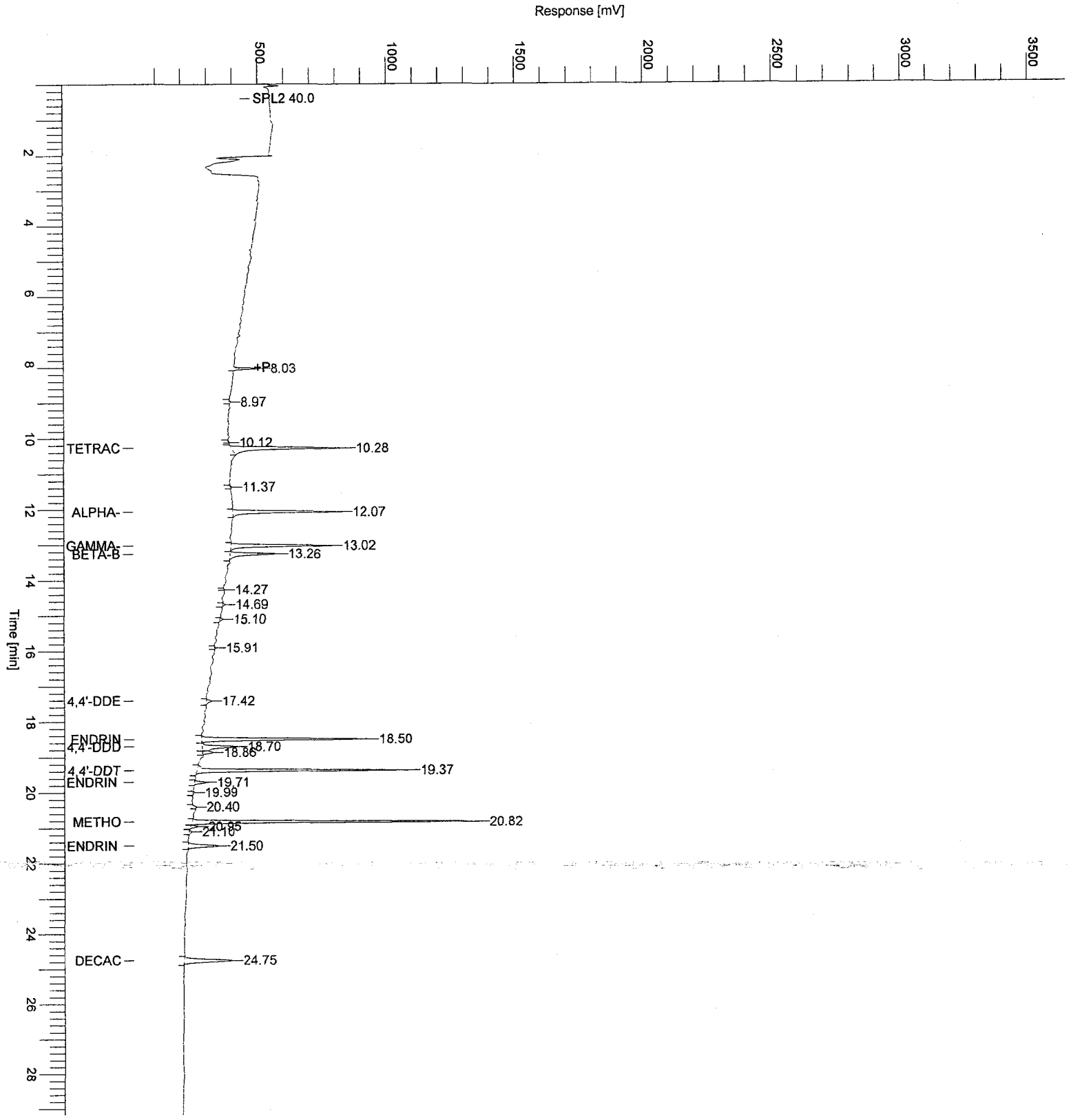
12/01/2008 09:03:31 Result: H:\TURBO6\6890-06\6b29054.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
22	20.95	109447		V	0.10945	30589.32
23	21.10	41258		B	0.04126	10428.53
24	21.50	574630	Endrin ketone	B	0.00901	124155.73
25	24.75	1027663	Decachlorobiphenyl	B	0.01654	189699.81
		18422318			1.07007	4.80e+06

Chromatogram

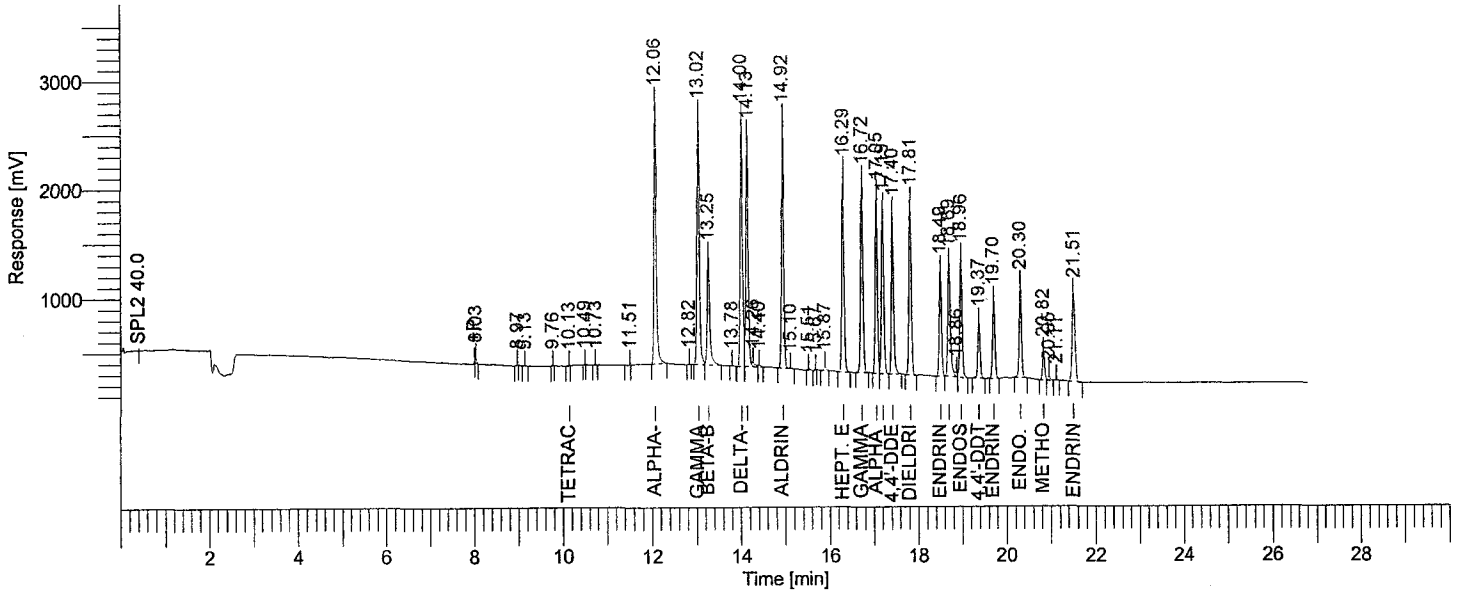
Sample Name : ICM1DA
Sample #:

FileName : H:\TURBO6\6890-06\6b29054.raw
Date : 12/01/2008 09:03:32
Method : 6890-6 bside ins
Time of Injection: 12/01/2008 07:37:19
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3510.
Plot Offset: 10.00 mV
Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 09:03:35
Reprocess Number	: buf1938: 87775		
Operator	: tchrom	Sample Name	: ICM25ZU
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/55
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 26.77 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 08:13:50	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6b29055.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29055.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29055.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29055.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29055.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.13	BB	11356	Tetrachloro-m-xy	2.9e-03	2250.22	-105.8	10.08 -	10.18
12.06	BB	8710735	alpha-BHC	0.04943	2.41e+06	-1.1	12.01 -	12.11
13.02	BV	8263871	gamma-BHC	0.05154	2.29e+06	3.1	12.97 -	13.07
13.25	VB	4107045	beta-BHC	0.05686	988789.89	13.7	13.20 -	13.30
14.00	BV	8529257	delta-BHC	0.05215	2.29e+06	4.3	13.95 -	14.05
14.13	VE	7564564	Heptachlor	0.05468	2.13e+06	9.4	14.08 -	14.18
14.92	BE	7818183	Aldrin	0.05477	2.29e+06	9.5	14.87 -	14.97
16.29	BB	6568867	Hept. epoxide	0.05185	1.84e+06	3.7	16.24 -	16.34
16.72	BB	6198934	gamma chlordane	0.05035	1.76e+06	0.7	16.67 -	16.77
17.05	BV	5621111	alpha chlordane	0.05010	1.63e+06	0.2	17.00 -	17.10
17.19	VB	5471287	Endosulfan I	0.05023	1.52e+06	0.5	17.14 -	17.24
17.40	BB	5462727	4,4'-DDE	0.04984	1.49e+06	-0.3	17.35 -	17.45
17.81	BB	5676573	Dieldrin	0.05028	1.59e+06	0.6	17.76 -	17.86
18.49	BB	3546213	Endrin	0.04747	970115.94	-5.1	18.44 -	18.54
18.69	BE	4095627	4,4'-DDD	0.05166	1.03e+06	3.3	18.64 -	18.74
18.96	VB	4172534	Endosulfan II	0.05254	1.09e+06	5.1	18.91 -	19.01
19.37	BB	1821148	4,4'-DDT	0.04312	509283.22	-13.8	19.32 -	19.42
19.70	BB	2722546	Endrin aldehyde	0.05085	710013.57	1.7	19.65 -	19.75
20.30	BB	3238690	Endo. Sulfate	0.05032	844801.77	0.6	20.25 -	20.35
20.82	BV	886360	Methoxychlor	0.04404	252188.97	-11.9	20.77 -	20.87
21.51	BB	3425160	Endrin ketone	0.04917	808319.92	-1.7	21.46 -	21.56
		1e+08		1.00839	2.84e+07			

12-1-08 DLB

Chromatogram

Sample Name : ICM25ZU Sample #: 0.05 Page 1 of 1

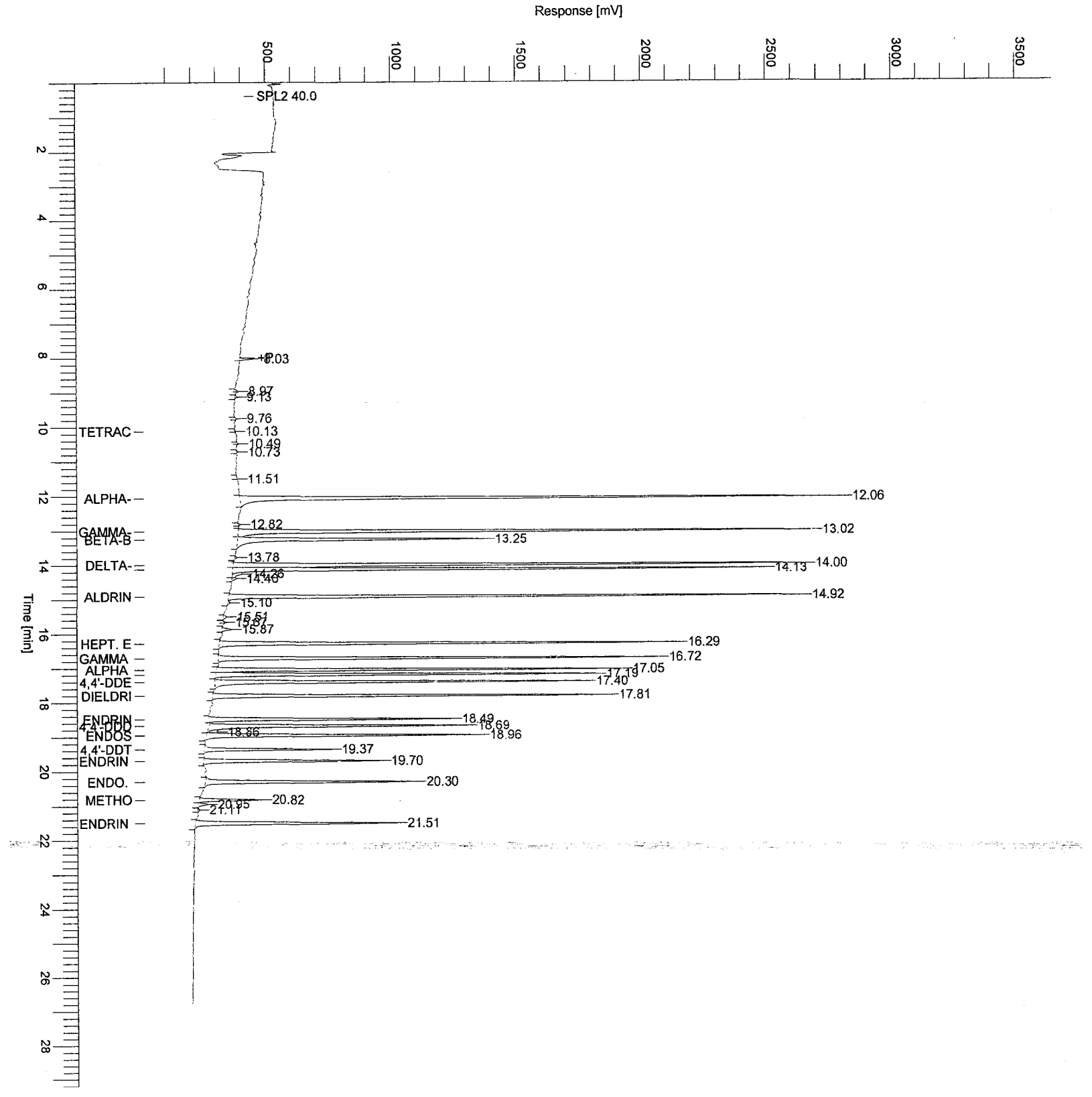
FileName : H:\TURBO6\6890-06\6b29055.raw

Date : 12/01/2008 09:03:36

Method : 6890-6 bside ins Time of Injection: 12/01/2008 08:13:50

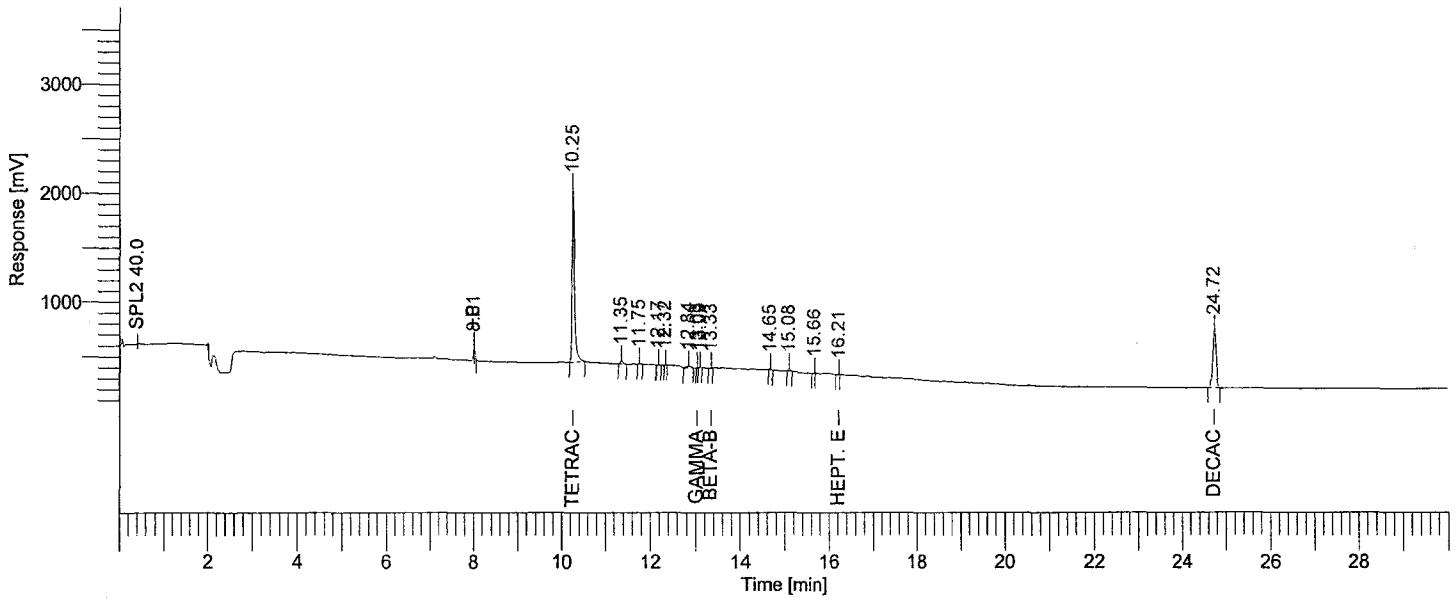
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.

Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 12:45:23
Reprocess Number	: buf1938: 87779		
Operator	: tchrom	Sample Name	: ICM3QM
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/56
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 09:34:55	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6b29056.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29056.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29056.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29056.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29056.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.25	BB	6123517	Tetrachloro-m-xy	0.05825	1.59e+06	16.5	10.20 -	10.30
13.03	BV	~~12136~~	~~gamma-BHC~~	~~-1.8e-03~~	~~5378.26~~	~~-103.8~~	12.98 -	13.08
13.33	BB	17072	beta-BHC	-5.1e-03	3968.30	-110.3	13.28 -	13.38
16.21	BB	7513	~~Hept. epoxide~~	~~1.4e-03~~	1700.92	-102.9	16.16 -	16.26
24.72	BB	2887792	Decachlorobiphen	0.05054	525051.57	1.1	24.67 -	24.77
		9048029		0.10040	2.13e+06			

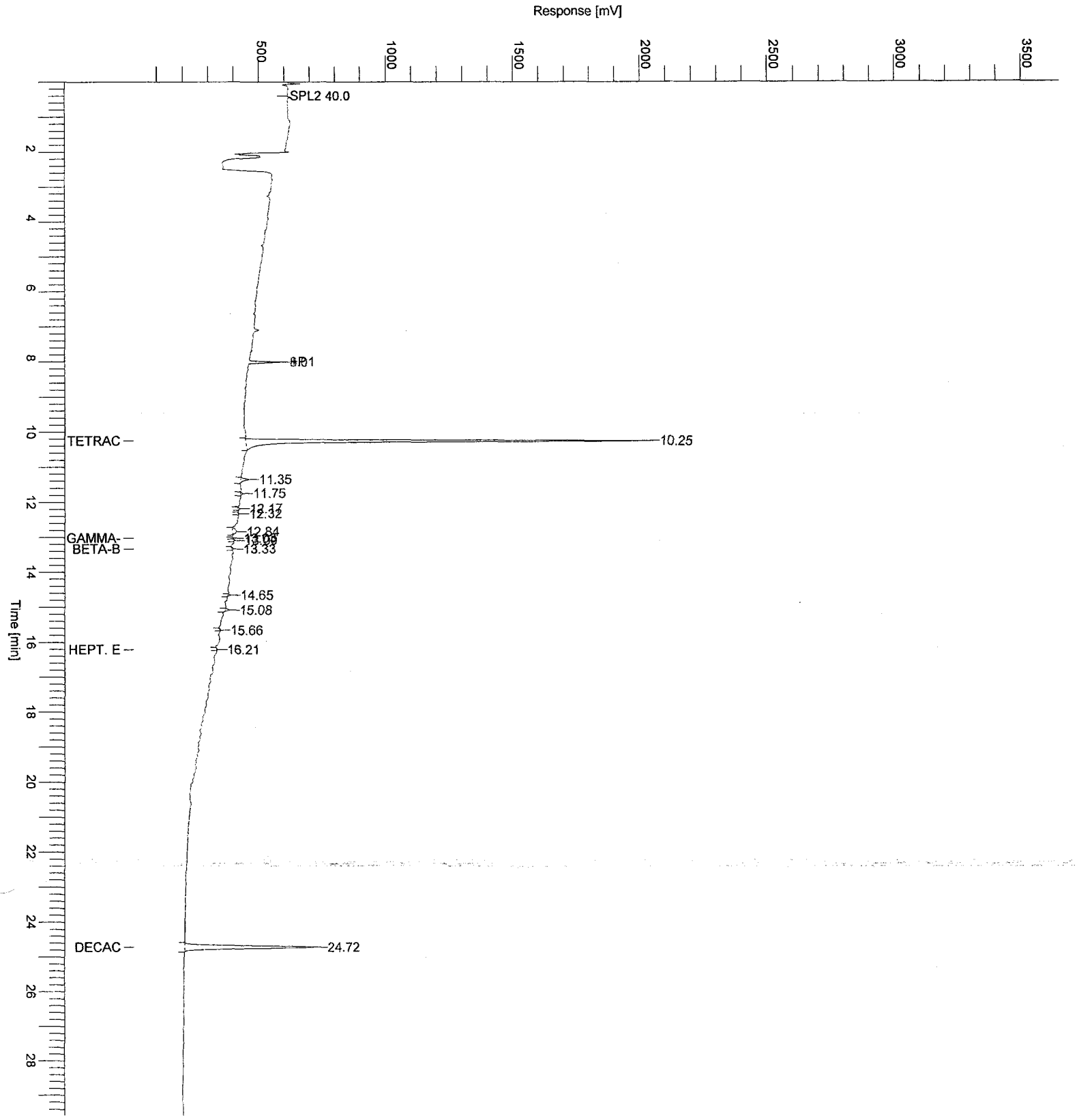
Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	12.063
delta-BHC	13.997
Heptachlor	14.129
Aldrin	14.922
gamma chlordane	16.715
alpha chlordane	17.048
Endosulfan I	17.190
4,4'-DDE	17.404
Dieldrin	17.808
Endrin	18.493
4,4'-DDD	18.686

12-1-08 RJB

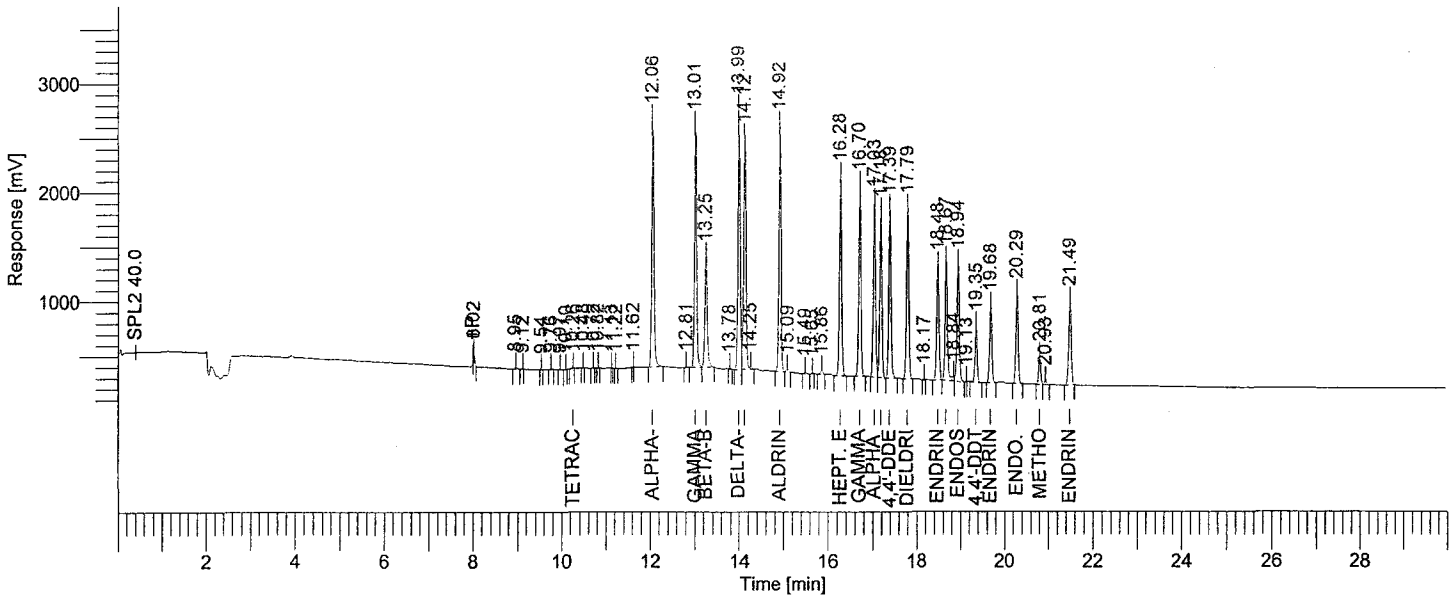
Chromatogram

Sample Name : ICM3QM Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29056.raw
Date : 12/01/2008 12:45:23
Method : 6890-6 bside ins Time of Injection: 12/01/2008 09:34:55
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:36
Reprocess Number	: buf1938: 87825		
Operator	: tchrom	Sample Name	: ICM25ZU
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/68
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.96 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 16:52:41	Cycle	: 8

Raw Data File : H:\TURBO6\6890-06\6b29068.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29068.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29068.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29068.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29068.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

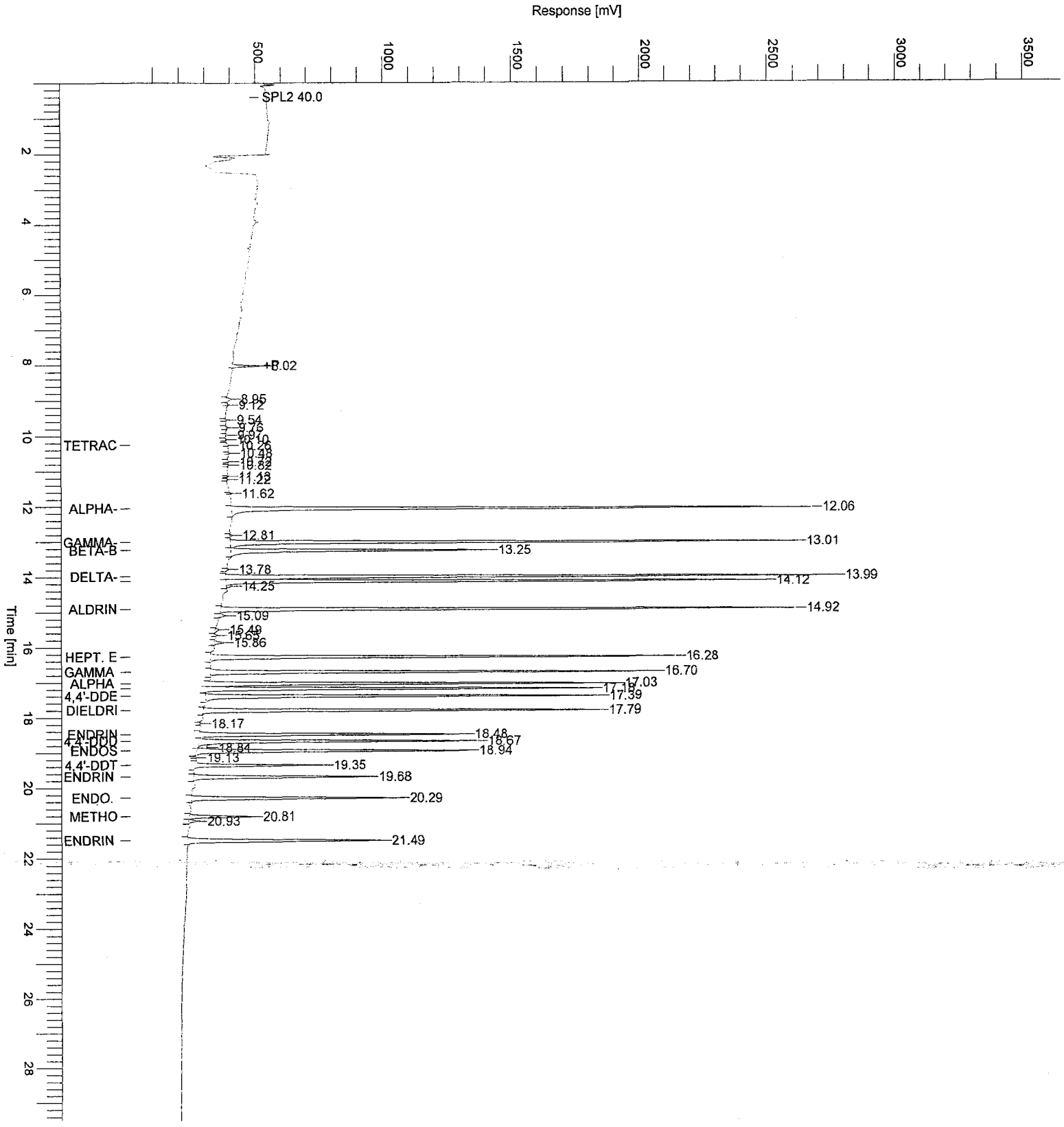


Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.26	BB	17921	Tetrachloro-m-xy	-2.8e-03	3561.83	-105.6	10.21 -	10.31
12.06	BB	7946884	alpha-BHC	0.04496	2.27e+06	-10.1	12.01 -	12.11
13.01	VV	7729225	gamma-BHC	0.04808	2.21e+06	-3.8	12.96 -	13.06
13.25	VB	3826893	beta-BHC	0.05261	1.01e+06	5.2	13.20 -	13.30
13.99	BV	8591724	delta-BHC	0.05254	2.38e+06	5.1	13.94 -	14.04
14.12	VE	7280195	Heptachlor	0.05259	2.11e+06	5.2	14.07 -	14.17
14.92	BV	7664149	Aldrin	0.05365	2.25e+06	7.3	14.87 -	14.97
16.28	BB	6459158	Hept. epoxide	0.05096	1.82e+06	1.9	16.23 -	16.33
16.70	BB	6024393	gamma chlordane	0.04892	1.74e+06	-2.2	16.65 -	16.75
17.03	BV	5512258	alpha chlordane	0.04912	1.59e+06	-1.8	16.98 -	17.08
17.18	VB	5355110	Endosulfan I	0.04915	1.51e+06	-1.7	17.13 -	17.23
17.39	BB	5349709	4,4'-DDE	0.04881	1.54e+06	-2.4	17.34 -	17.44
17.79	BB	5537387	Dieldrin	0.04904	1.55e+06	-1.9	17.74 -	17.84
18.48	BB	3790649	Endrin	0.05061	1.04e+06	1.2	18.43 -	18.53
18.67	BE	4023549	4,4'-DDD	0.05076	1.09e+06	1.5	18.62 -	18.72
18.94	VB	4018534	Endosulfan II	0.05061	1.07e+06	1.2	18.89 -	18.99
19.35	BB	1751938	4,4'-DDT	0.04175	505245.20	-16.5	19.30 -	19.40
19.68	BB	2612122	Endrin aldehyde	0.04878	687023.51	-2.4	19.63 -	19.73
20.29	BB	3018536	Endo. Sulfate	0.04688	816560.67	-6.2	20.24 -	20.34
20.81	BV	871138	Methoxychlor	0.04337	249098.39	-13.3	20.76 -	20.86
21.49	BB	3106476	Endrin ketone	0.04468	758755.87	-10.6	21.44 -	21.54
		1e+08		0.97506	2.82e+07			

12-2-08 DJB

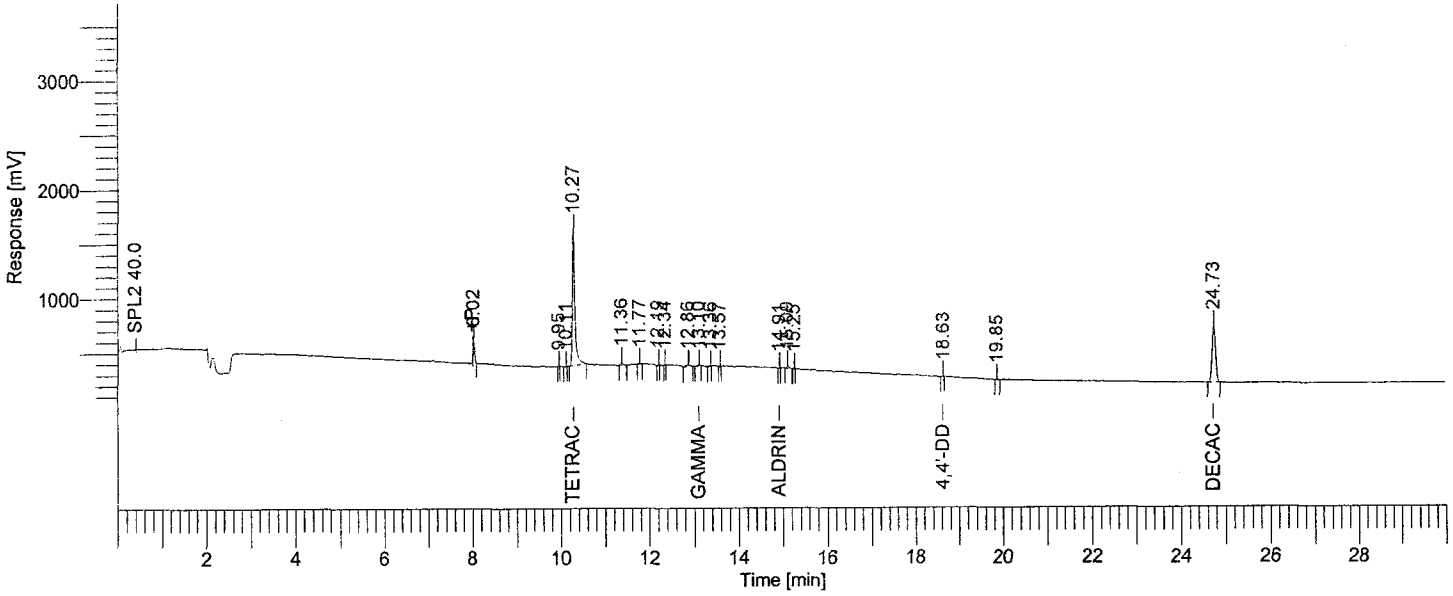
Chromatogram

Sample Name : ICM25ZU Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29068.raw
Date : 12/02/2008 06:26:37
Method : 6890-6 bside ins Time of Injection: 12/01/2008 16:52:41
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:40
Reprocess Number	: buf1938: 87827		
Operator	: tchrom	Sample Name	: ICM3QM
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/69
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 17:29:04	Cycle	: 9

Raw Data File : H:\TURBO6\6890-06\6b29069.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29069.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29069.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29069.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29069.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.27	BB	5066365	Tetrachloro-m-xy	0.04768	1.25e+06	-4.6	10.22 -	10.32
13.10	BB	31356	gamma-BHC	-1.7e-03	5611.89	-103.4	13.05 -	13.15
14.91	BB	3534	Aldrin	-2.4e-03	1753.65	-104.9	14.86 -	14.96
18.63	BB	6663	4,4'-DDD	5.01e-04	1628.20	-99.0	18.58 -	18.68
24.73	BB	2815443	Decachlorobiphen	0.04922	515449.56	-1.6	24.68 -	24.78
		7923360		0.09327	1.77e+06			

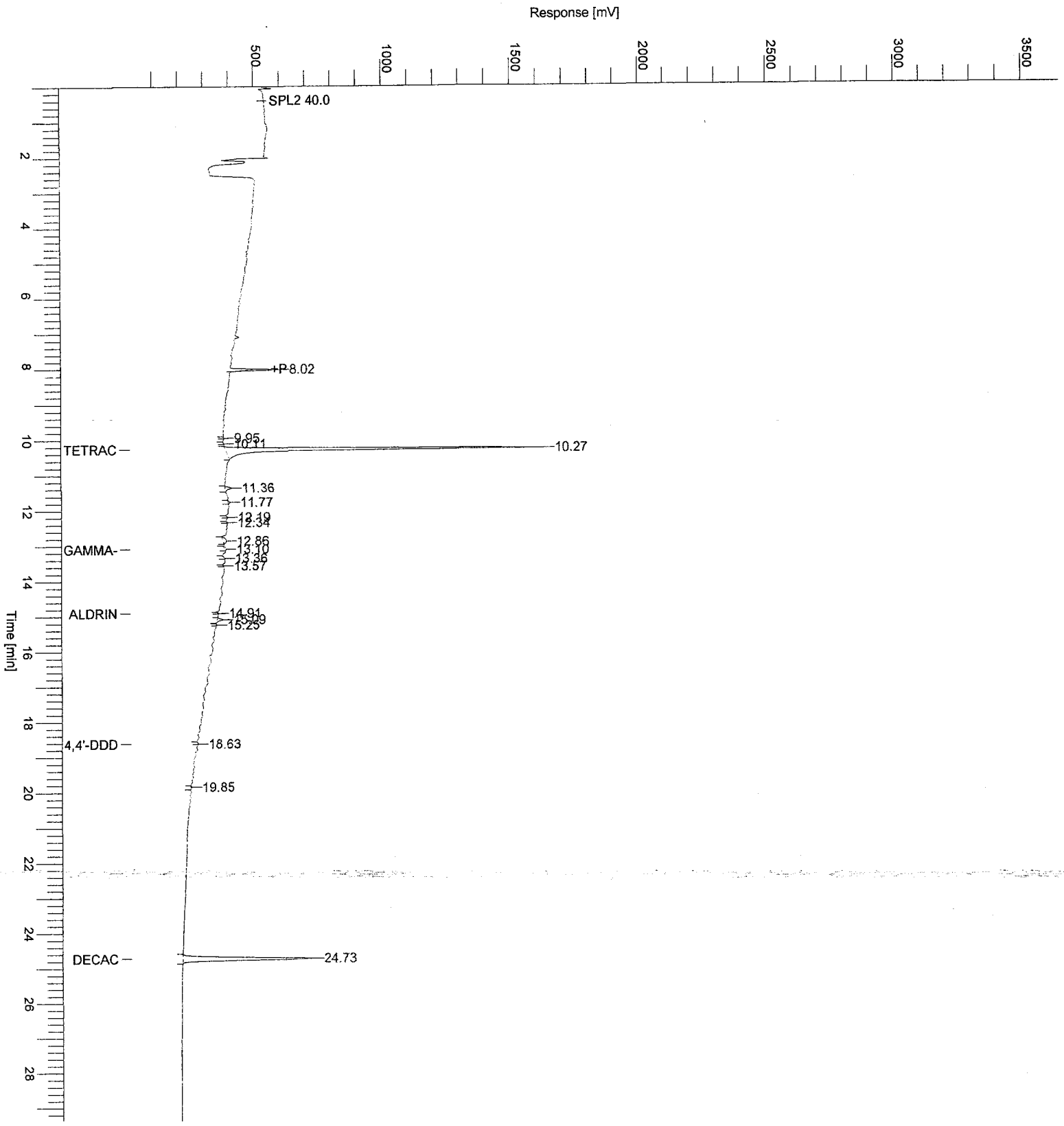
Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	12.063
beta-BHC	13.254
delta-BHC	13.997
Heptachlor	14.129
Hept. epoxide	16.287
gamma chlordane	16.715
alpha chlordane	17.048
Endosulfan I	17.190
4,4'-DDE	17.404
Dieldrin	17.808
Endrin	18.493

12-2-08

Chromatogram

Sample Name : ICM3QM
Sample #: 0.05
Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29069.raw
Date : 12/02/2008 06:26:41
Method : 6890-6 bside ins
Time of Injection: 12/01/2008 17:29:04
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3510.
Plot Offset: 10.00 mV
Plot Scale: 3500.0 mV



Raw QC Data

OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8B2551203

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 6A29060.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

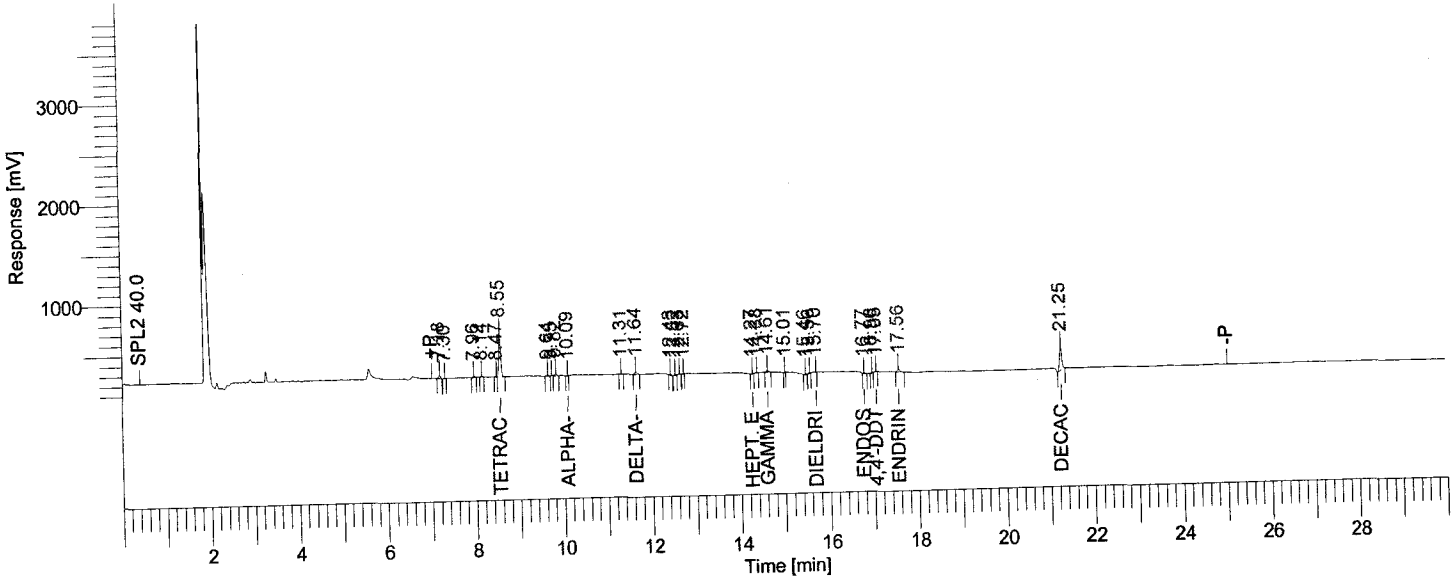
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 12:45:41
Reprocess Number	: buf1938: 87786		
Operator	: tchrom	Sample Name	: AW80021205MBLK
Sample Number	: A8B2551203	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/60
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.96 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 12:00:49	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6a29060.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29060.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29060.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29060.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29060.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.18	86856		B	0.08686	33060.02
2	7.30	9874		B	0.00987	2225.04
3	7.96	31591		B	0.03159	8881.91
4	8.14	19382		B	0.01938	7469.67
5	8.47	12994		B	0.01299	6424.79
6	8.55	1310258	Tetrachloro-m-xylene	V	0.01185	430434.21
7	9.64	39412		B	0.03941	11902.93
8	9.73	14436		V	0.01444	5227.13
9	9.82	58644		V	0.05864	17795.47
10	10.09	6918	~~alpha-BHC~~	B	-5.7e-05	2125.63
11	11.31	19211		B	0.01921	6821.74
12	11.64	76759	~~delta-BHC~~	B	7.60e-04	22100.19
13	12.43	38362		B	0.03836	13194.54
14	12.52	45208		B	0.04521	14955.40
15	12.63	32786		V	0.03279	8526.69
16	12.72	8035		B	0.00804	2701.25
17	14.27	18056	~~Hept. epoxide~~	B	-7.5e-04	7313.03
18	14.38	16093		B	0.01609	2599.87
19	14.61	58677	~~gamma-chlordane~~	B	9.55e-04	17022.14
21	15.46	25487		B	0.02549	10047.03
22	15.56	29135		B	0.02914	10046.71
23	15.70	31132	~~Dieldrin~~	V	2.58e-04	2075.08

12-2-08
JSB

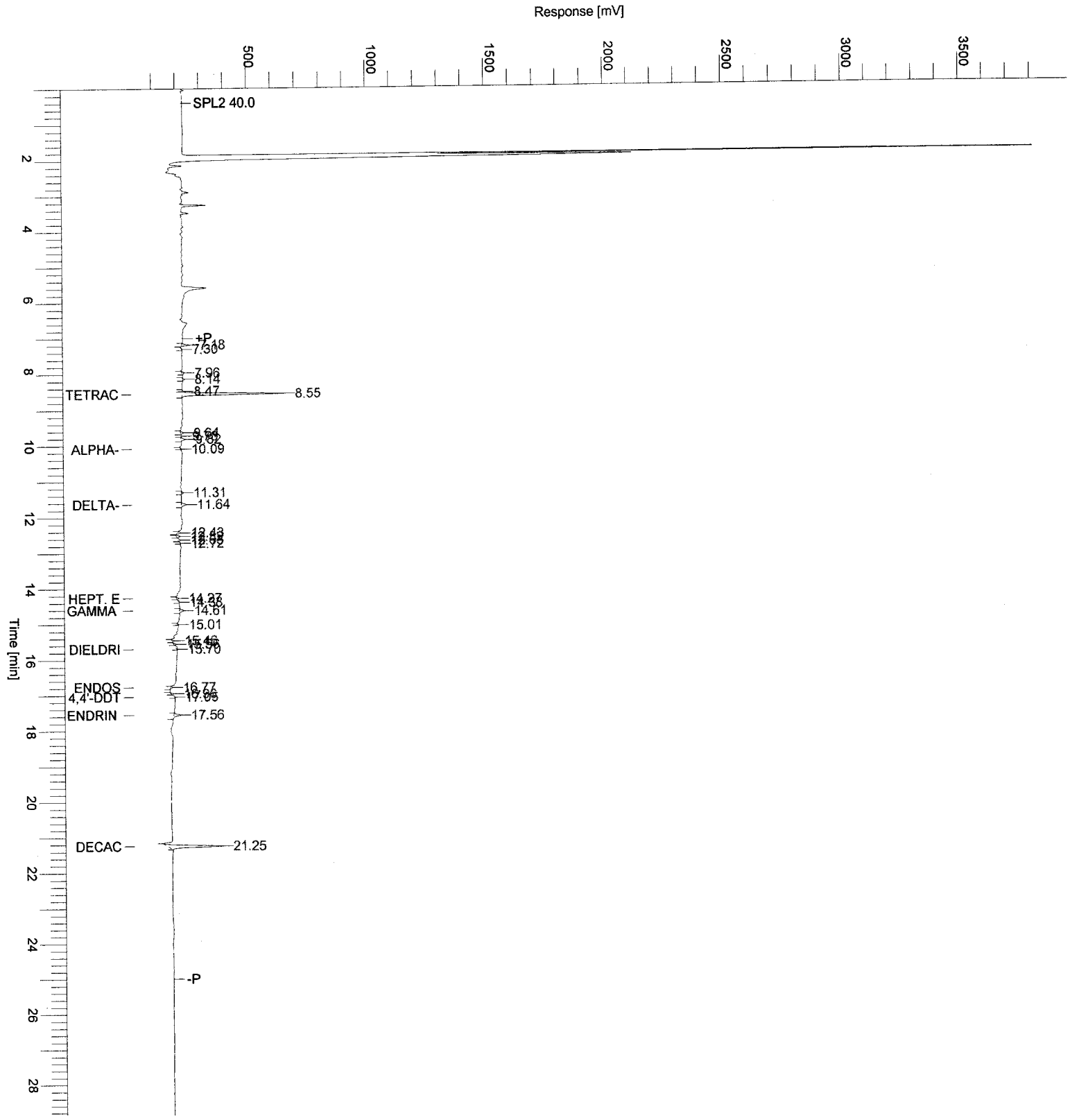
12/01/2008 12:45:41 Result: H:\TURBO6\6890-06\6a29060.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
24	16.77	20950	Endosulfan II	B	-5.3e-04	8045.45
25	16.96	23659		B	0.02366	9798.99
26	17.05	18250	4,4'-DDT	V	0.00426	3837.56
27	17.56	104164	Endrin aldehyde	B	2.07e-04	28818.52
28	21.25	869601	Decachlorobiphenyl	B	0.01433	231119.09
		3025932			0.54246	924570.07

Chromatogram

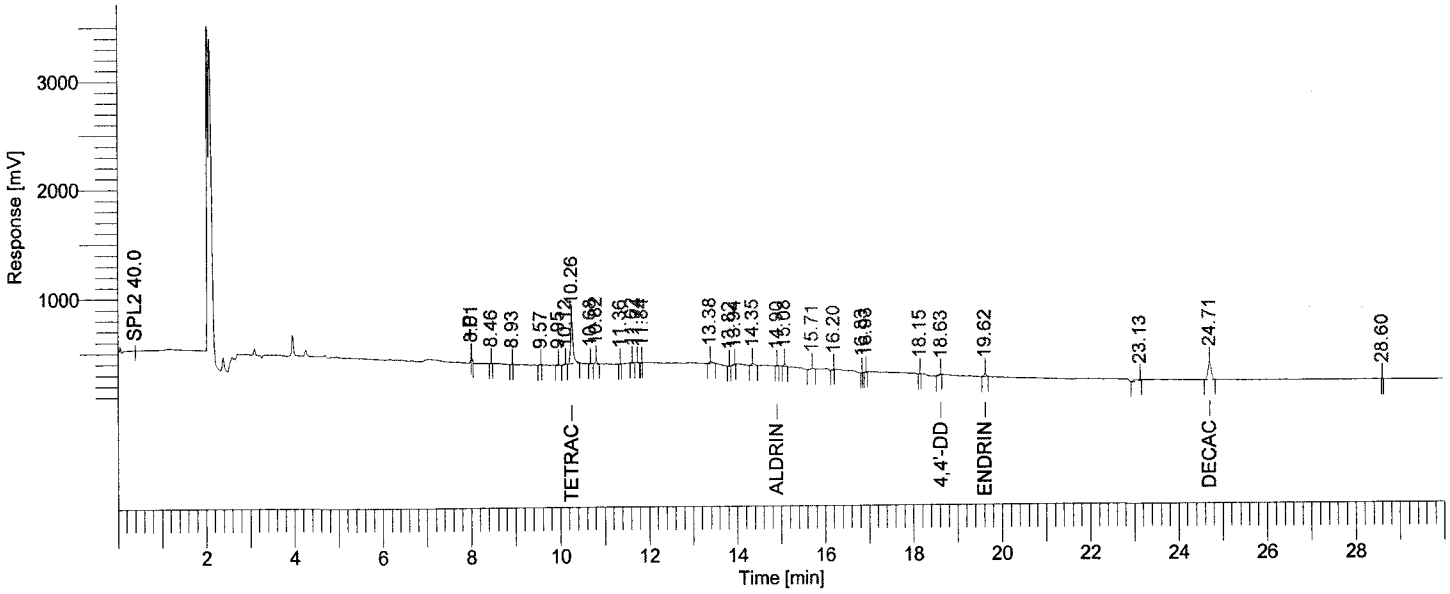
Sample Name : AW80021205MBLK
Sample #: A8B2551203
Page 1 of

FileName : H:\TURBO6\6890-06\6a29060.raw
Date : 12/01/2008 12:45:42
Method : 6890-6 bside ins
Time of Injection: 12/01/2008 12:00:49
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3810.
Plot Offset: 10.00 mV
Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 12:45:43
Reprocess Number	: buf1938: 87787		
Operator	: tchrom	Sample Name	: AW80021205MBLK
Sample Number	: A8B2551203	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/60
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.96 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 12:00:49	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6b29060.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29060.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29060.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29060.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29060.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.01	21473		B	0.02147	11866.61
2	8.46	6893		B	0.00689	2201.43
5	9.95	22882		B	0.02288	5457.95
6	10.12	42711		B	0.04271	9459.27
7	10.26	1600678	Tetrachloro-m-xylene	V	0.01302	395142.38
8	10.68	22916		B	0.02292	7291.94
9	10.82	89381		V	0.08938	28552.90
11	11.62	32814		B	0.03281	9645.13
12	11.74	34515		V	0.03452	11283.16
14	13.38	81809		B	0.08181	15894.52
15	13.82	9804		B	0.00980	3855.57
16	13.94	15950		B	0.01595	2962.49
17	14.35	89296		B	0.08930	19416.09
18	14.90	14372	~~Aldrin~~	B	-2.4e-03	5659.39
19	15.08	69642		B	0.06964	22406.05
20	15.71	51096		B	0.05110	9848.66
21	16.20	10546		B	0.01055	2177.85
23	16.93	6892		B	0.00689	3273.75

12/01/2008 12:45:43 Result: H:\TURBO6\6890-06\6b29060.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	18.63	25899	4,4'-DDD	B	7.42e-04	2891.67
26	19.62	85822	Endrin aldehyde	B	0.00160	26668.46
27	23.13	113067		B	0.11307	3357.70
28	24.71	850130	Decachlorobiphenyl	B	0.01329	159828.47
		3298586			0.74797	759141.44

Chromatogram

Sample Name : AW80021205MBLK Sample #: A8B2551203 Page 1 of

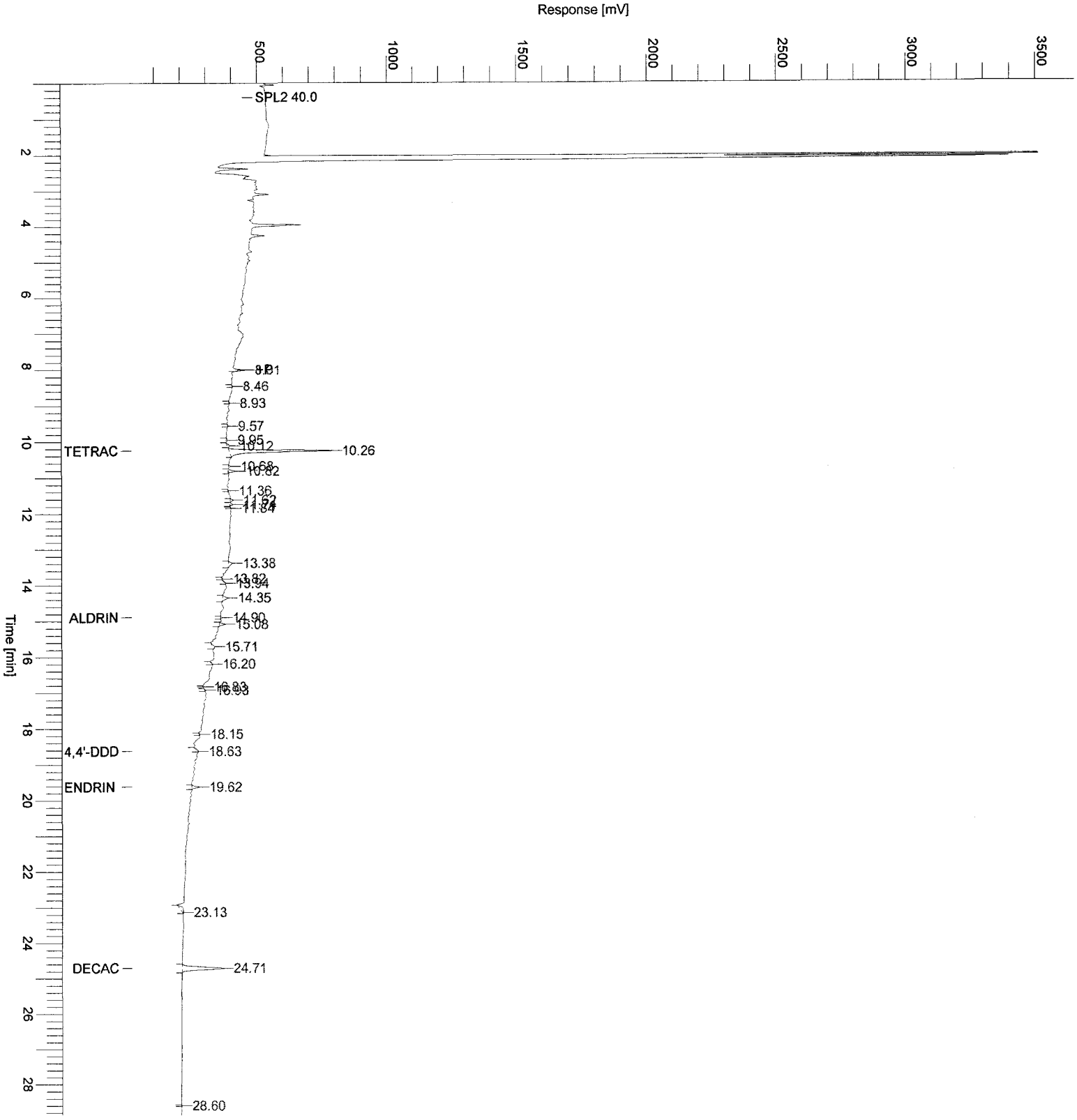
FileName : H:\TURBO6\6890-06\6b29060.raw

Date : 12/01/2008 12:45:44

Method : 6890-6 bside ins Time of Injection: 12/01/2008 12:00:49

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.

Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8B2551201

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 6A29059.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

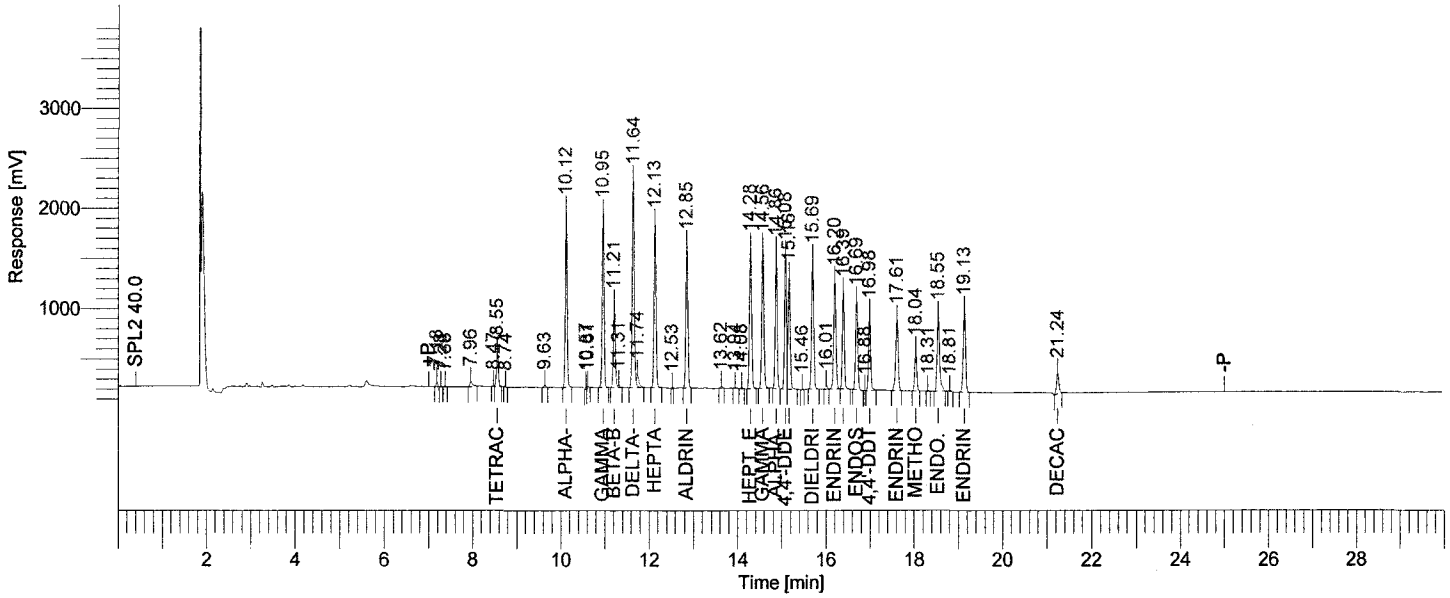
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.32	
319-85-7	beta-BHC	0.40	
319-86-8	delta-BHC	0.42	
58-89-9	gamma-BHC (Lindane)	0.35	

Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 11:24:04
Operator	: tchrom	Sample Name	: AW80021204MSB
Sample Number	: A8B2551201	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/59
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.94 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 11:24:13	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6a29059.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29059.rst [Editing in Progress]
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29059.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29059.rst [Editing in Progress]
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29059.rst [Editing in Progress]
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

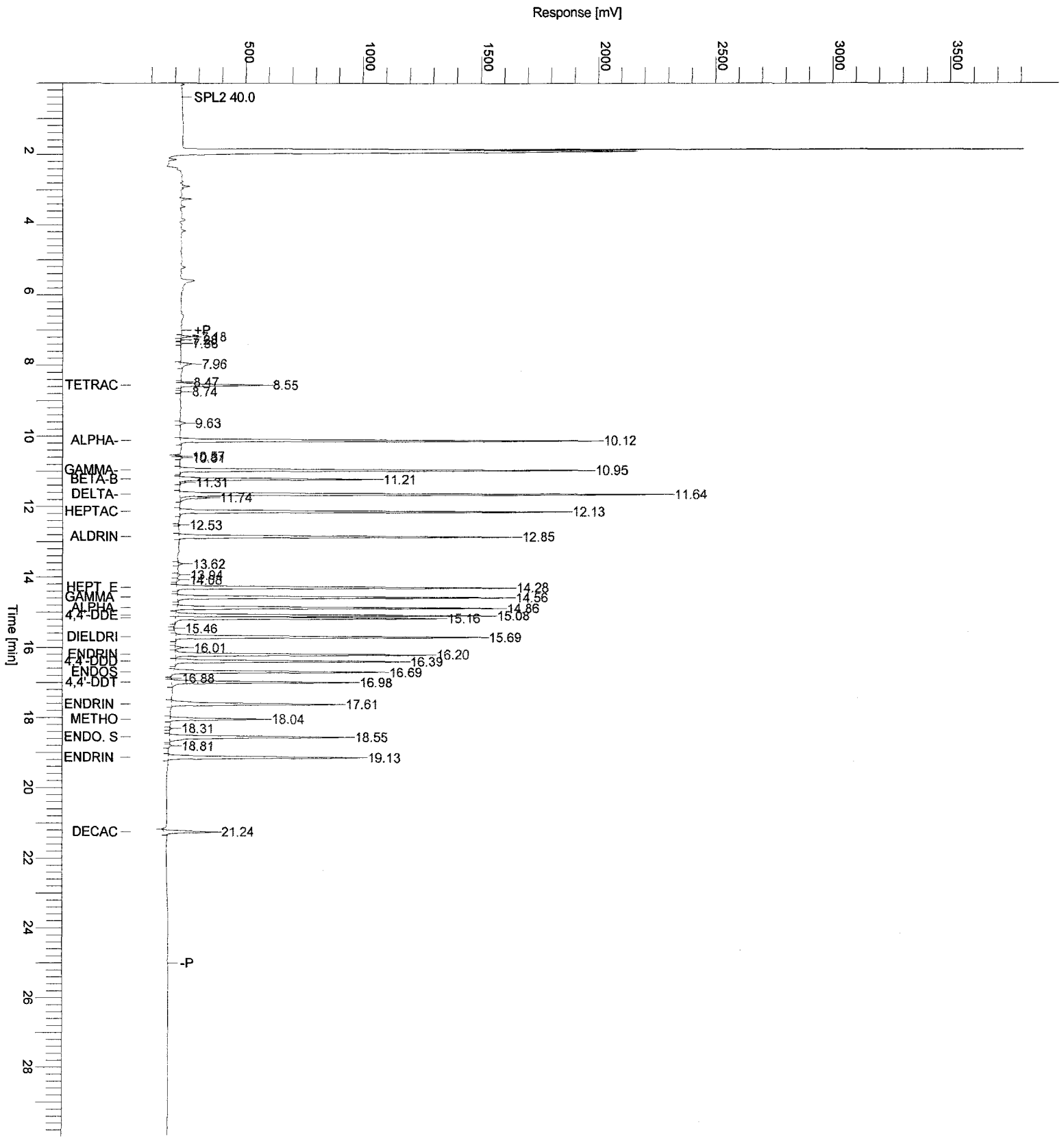
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.18	108122		B	0.10812	42071.64
2	7.28	9774		B	0.00977	4168.52
3	7.38	16937		B	0.01694	6860.88
4	7.96	197985		B	0.19798	45514.64
5	8.47	20498		B	0.02050	9153.87
6	8.55	1070532	Tetrachloro-m-xylene	V	0.00933	349143.79
7	8.74	11810		B	0.01181	4479.35
8	9.63	67883		B	0.06788	21496.06
9	10.12	5256098	alpha-BHC	B	0.03228	1.76e+06
10	10.57	47320		B	0.04732	23783.82
11	10.61	56653		V	0.05665	18220.48
12	10.95	5288954	gamma-BHC	B	0.03524	1.73e+06
13	11.21	2636355	beta-BHC	B	0.04032	824983.22
14	11.31	59279		E	0.05928	20666.41
15	11.64	6580620	delta-BHC	B	0.04169	2.06e+06
16	11.74	404811		E	0.40481	114206.40
17	12.13	5085797	Heptachlor	B	0.03546	1.63e+06
19	12.85	4489391	Aldrin	B	0.03247	1.42e+06
20	13.62	53105		B	0.05311	17760.41
21	13.94	47165		B	0.04717	11975.51
22	14.08	38125		V	0.03812	10745.80
23	14.28	4549834	Hept. epoxide	B	0.03759	1.40e+06
24	14.56	4516665	gamma chlordane	B	0.03600	1.39e+06

12-2-08
JYB

12/02/2008 11:24:04 Result: H:\TURBO6\6890-06\6a29059.rst

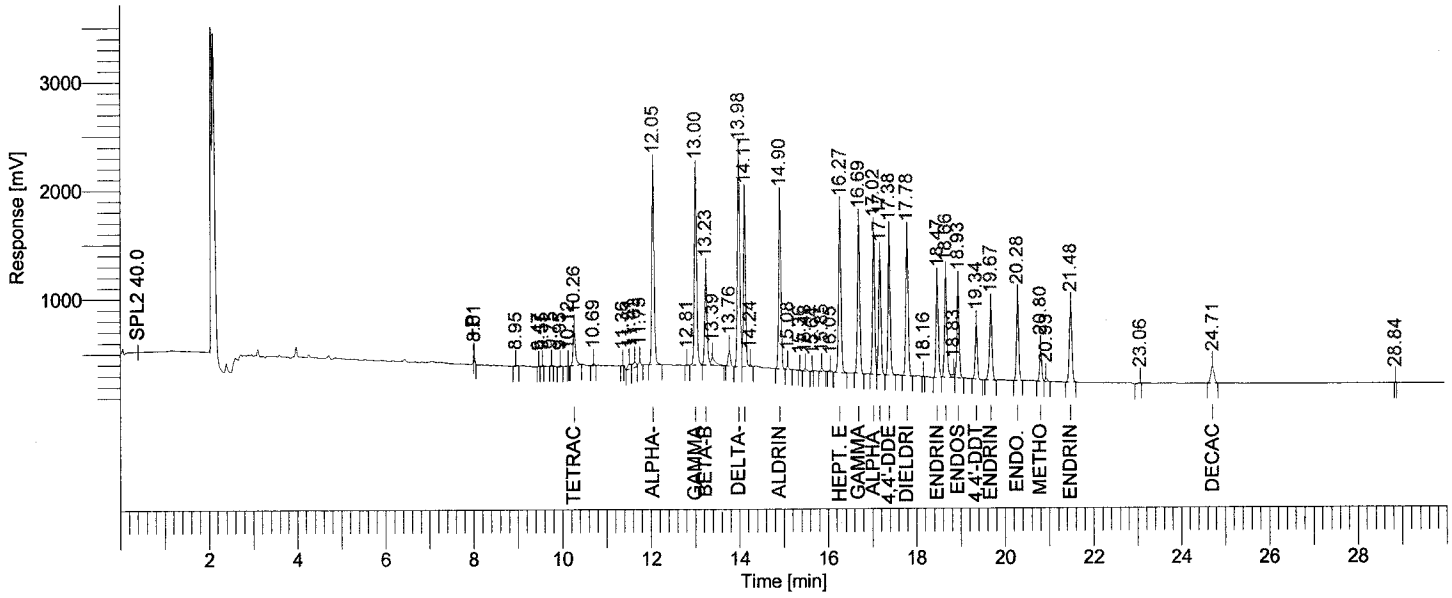
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	14.86	4348501	alpha chlordane	B	0.03700	1.36e+06
26	15.08	4091205	4,4'-DDE	B	0.03734	1.32e+06
27	15.16	3693713	Endosulfan I	V	0.03261	1.11e+06
28	15.46	11712		B	0.01171	4508.89
29	15.69	4293264	Dieldrin	B	0.03778	1.29e+06
30	16.01	105496		B	0.10550	35040.58
31	16.20	3655610	Endrin	B	0.03925	1.07e+06
32	16.39	3093842	4,4'-DDD	B	0.03809	955858.44
33	16.69	3026833	Endosulfan II	B	0.03627	878607.59
35	16.98	2529598	4,4'-DDT	V	0.03798	758877.00
36	17.61	2589512	Endrin aldehyde	B	0.04458	699310.01
37	18.04	1245819	Methoxychlor	B	0.03992	388743.72
38	18.31	15016		B	0.01502	5006.60
39	18.55	2911505	Endo. Sulfate	B	0.04502	747177.93
40	18.81	27538		B	0.02754	7927.99
41	19.13	2912774	Endrin ketone	B	0.03911	806574.62
42	21.24	736866	Decachlorobiphenyl	B	0.01176	200090.62
		79902515			2.07633	2.46e+07

Sample Name : AW80021204MSB Sample #: A8B2551201 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29059.raw
Date : 12/02/2008 11:24:19
Method :
Time of Injection: 12/01/2008 11:24:13
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 12:45:38
Reprocess Number	: buf1938: 87785		
Operator	: tchrom	Sample Name	: AW80021204MSB
Sample Number	: A8B2551201	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/59
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.94 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 11:24:13	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6b29059.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29059.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29059.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29059.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29059.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.01	33479		B	0.03348	18348.99
2	8.95	39494		B	0.03949	8691.13
5	9.75	20172		B	0.02017	8610.01
6	9.95	23521		B	0.02352	5917.14
8	10.26	1324619	Tetrachloro-m-xylene	B	0.01026	324762.88
9	10.69	45053		B	0.04505	12053.78
10	11.36	6487		B	0.00649	2337.73
11	11.51	229097		B	0.22910	43112.14
12	11.63	277465		V	0.27746	45392.20
13	11.75	142752		V	0.14275	35470.42
14	12.05	6098461	alpha-BHC	B	0.03413	1.79e+06
15	12.81	19083		B	0.01908	5456.99
16	13.00	6136733	gamma-BHC	V	0.03779	1.74e+06
17	13.23	3144364	beta-BHC	B	0.04226	836042.82
18	13.39	431875		E	0.43187	63660.16
19	13.76	520070		B	0.52007	144031.90
20	13.98	7014687	delta-BHC	B	0.04287	1.93e+06
21	14.11	5347539	Heptachlor	V	0.03838	1.53e+06
22	14.24	50499		E	0.05050	14567.15
23	14.90	5272630	Aldrin	B	0.03613	1.52e+06
24	15.08	120639		V	0.12064	33777.79
25	15.36	11214		B	0.01121	4528.00

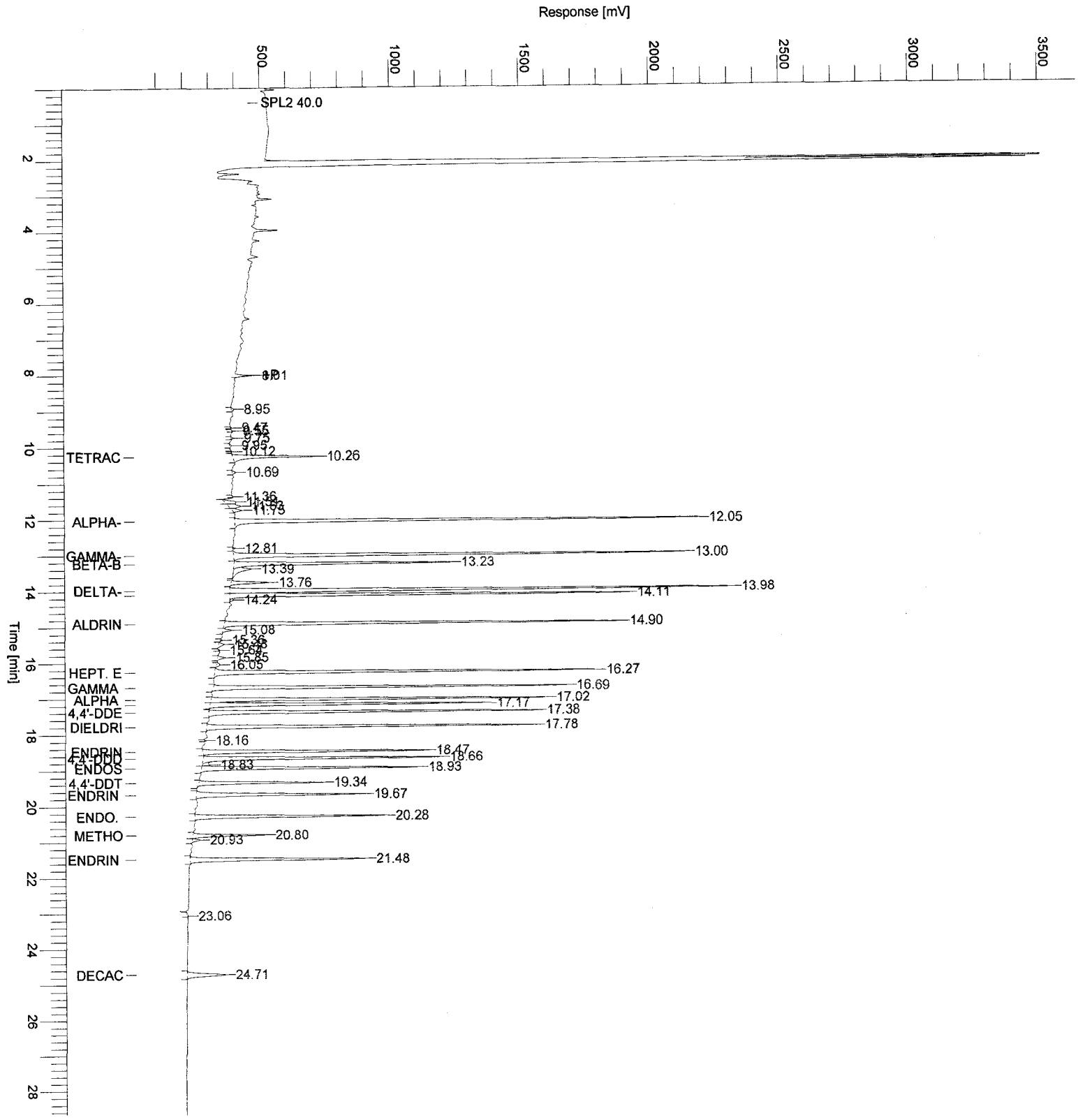
12/01/2008 12:45:38 Result: H:\TURBO6\6890-06\6b29059.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
26	15.48	103154		B	0.10315	20832.28
27	15.64	7001		B	0.00700	2520.84
28	15.85	100128		B	0.10013	28269.71
29	16.05	61336		B	0.06134	12580.88
30	16.27	5259806	Hept. epoxide	B	0.04122	1.47e+06
31	16.69	4750963	gamma chlordane	B	0.03847	1.36e+06
32	17.02	4504402	alpha chlordane	B	0.04004	1.29e+06
33	17.17	3854824	Endosulfan I	V	0.03510	1.07e+06
34	17.38	4321748	4,4'-DDE	B	0.03944	1.26e+06
35	17.78	4537194	Dieldrin	B	0.04014	1.27e+06
37	18.47	3169949	Endrin	B	0.04264	859624.40
38	18.66	3404490	4,4'-DDD	B	0.04302	911692.42
39	18.83	133960		E	0.13396	30399.32
40	18.93	3119296	Endosulfan II	V	0.03930	835193.22
41	19.34	1657723	4,4'-DDT	B	0.03990	483417.46
42	19.67	2594793	Endrin aldehyde	B	0.04846	645983.58
43	20.28	2701234	Endo. Sulfate	B	0.04192	734361.60
44	20.80	1022982	Methoxychlor	B	0.05001	279469.73
45	20.93	111895		V	0.11190	28535.12
46	21.48	2785424	Endrin ketone	B	0.04016	678175.11
47	23.06	20385		B	0.02038	1342.50
48	24.71	786450	Decachlorobiphenyl	B	0.01213	147378.34
		85319070			3.34251	2.35e+07

Chromatogram

Sample Name : AW80021204MSB
Sample #: A8B2551201

FileName : H:\TURBO6\6890-06\6b29059.raw
Date : 12/01/2008 12:45:39
Method : 6890-6 bside ins
Time of Injection: 12/01/2008 11:24:13
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3510.
Plot Offset: 10.00 mV
Plot Scale: 3500.0 mV



OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401MS

Sample wt/vol: 1030.00 (g/mL) ML Lab File ID: 6A29062.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/05/2008 11/05/2008

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

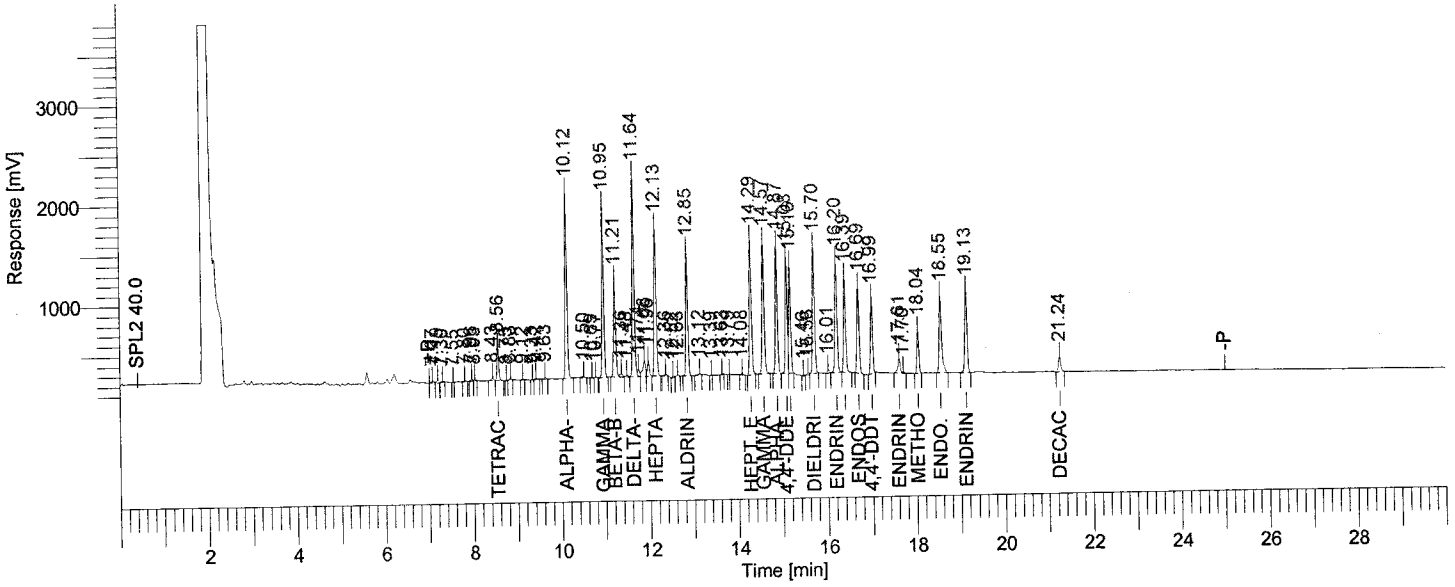
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.33	
319-85-7	beta-BHC	0.45	
319-86-8	delta-BHC	0.38	
58-89-9	gamma-BHC (Lindane)	0.34	

Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:00
Reprocess Number	: buf1938: 87812		
Operator	: tchrom	Sample Name	: AW80021207
Sample Number	: A8E03401MS	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/62
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 13:13:47	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6a29062.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29062.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29062.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29062.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29062.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.07	66283		B	0.06628	12851.24
2	7.19	70345		V	0.07034	23571.04
3	7.30	33587		B	0.03359	8391.09
5	7.80	21417		B	0.02142	6240.94
6	7.96	71511		B	0.07151	22555.38
7	8.03	29250		V	0.02925	10717.24
8	8.43	98248		B	0.09825	24879.71
9	8.56	975780	Tetrachloro-m-xylene	V	0.00834	324512.01
10	8.75	10074		B	0.01007	4269.84
11	8.83	46256		V	0.04626	14254.02
12	9.12	16454		B	0.01645	6334.64
13	9.33	7353		B	0.00735	2858.64
14	9.42	44794		B	0.04479	12255.27
15	9.63	48150		B	0.04815	14951.21
16	10.12	5546430	alpha-BHC	B	0.03407	1.85e+06
17	10.50	69765		B	0.06977	13523.00
18	10.69	19942		B	0.01994	6546.17
19	10.77	19940		V	0.01994	6216.43
20	10.95	5197840	gamma-BHC	B	0.03463	1.70e+06
21	11.21	2999650	beta-BHC	B	0.04612	961981.11
22	11.36	145960		E	0.14596	29858.18
23	11.48	55930		V	0.05593	16034.52

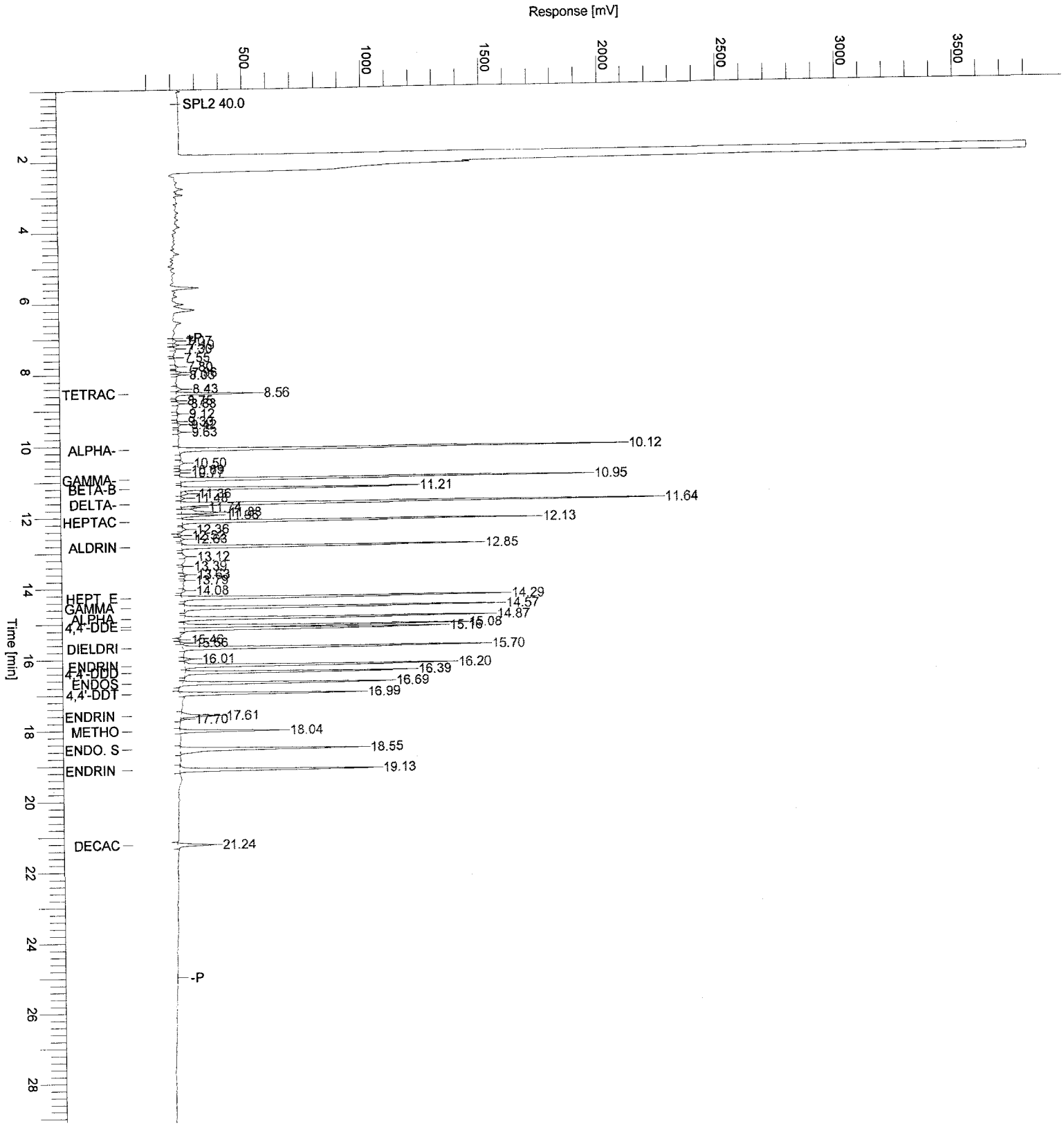
12/02/2008 06:26:00 Result: H:\TURBO6\6890-06\6a29062.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
24	11.64	6220513	delta-BHC	B	0.03943	2.00e+06
25	11.74	210657		E	0.21066	67660.84
26	11.88	711269		V	0.71127	154526.21
27	11.96	458521		V	0.45852	141340.10
28	12.13	4567248	Heptachlor	V	0.03175	1.48e+06
29	12.36	59844		B	0.05984	15452.10
30	12.52	46122		B	0.04612	14771.35
31	12.63	59174		V	0.05917	16025.00
32	12.85	3881966	Aldrin	B	0.02797	1.23e+06
33	13.12	47633		B	0.04763	11682.02
35	13.63	25778		B	0.02578	10126.15
37	14.08	52222		B	0.05222	13212.69
38	14.29	4303337	Hept. epoxide	B	0.03550	1.34e+06
39	14.57	4264886	gamma chlordane	B	0.03402	1.31e+06
40	14.87	4068183	alpha chlordane	B	0.03462	1.27e+06
41	15.08	3547253	4,4'-DDE	B	0.03249	1.16e+06
42	15.16	3467290	Endosulfan I	V	0.03055	1.07e+06
43	15.46	20548		B	0.02055	8479.47
44	15.56	63670		B	0.06367	18541.69
45	15.70	4188693	Dieldrin	V	0.03686	1.26e+06
46	16.01	98782		B	0.09878	33613.19
47	16.20	3758283	Endrin	B	0.04032	1.11e+06
48	16.39	2973063	4,4'-DDD	B	0.03660	938044.26
49	16.69	2868254	Endosulfan II	B	0.03433	857285.85
50	16.99	2383175	4,4'-DDT	B	0.03602	740461.63
51	17.61	575512	Endrin aldehyde	B	0.00862	145779.58
52	17.70	42584		E	0.04258	15411.93
53	18.04	1315084	Methoxychlor	B	0.04198	418208.67
54	18.55	3040096	Endo. Sulfate	B	0.04703	755697.30
55	19.13	2942467	Endrin ketone	B	0.03951	810964.38
56	21.24	522863	Decachlorobiphenyl	B	0.00761	143666.88
		76379929			3.49042	2.36e+07

Chromatogram

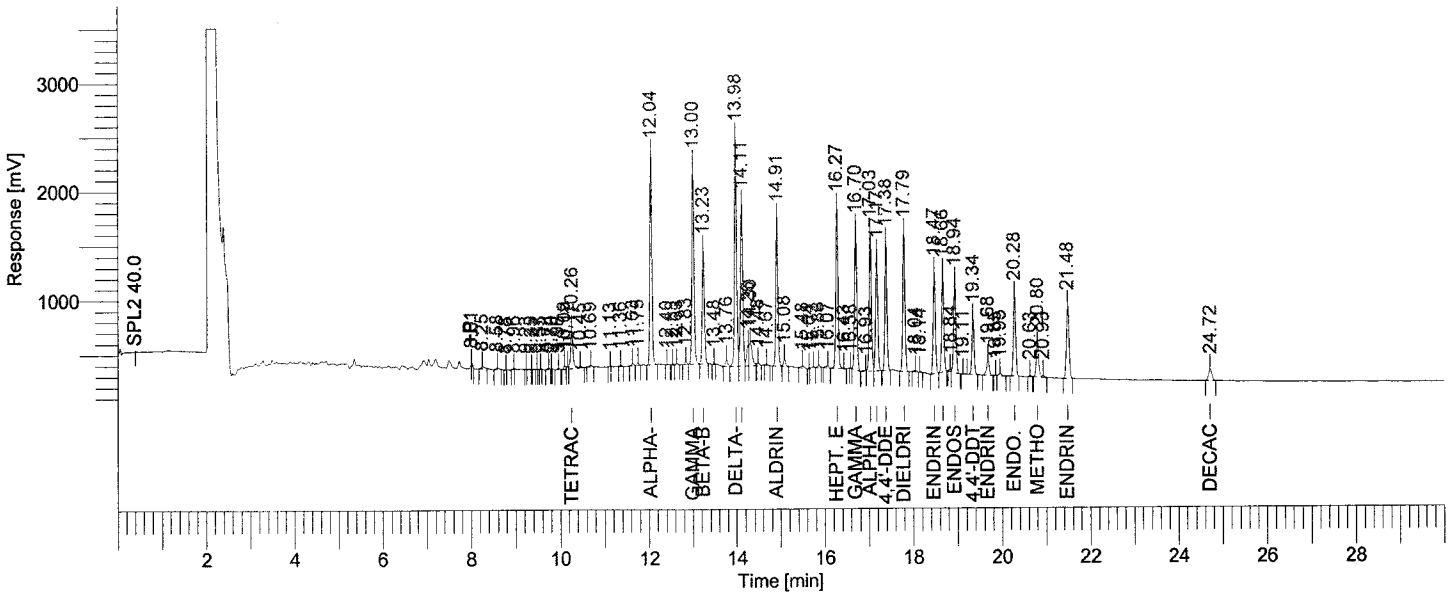
Sample Name : AW80021207
Sample #: A8E03401MS

FileName : H:\TURBO6\6890-06\6a29062.raw
Date : 12/02/2008 06:26:01
Time of Injection: 12/01/2008 13:13:47
Method : 6890-6 bside ins
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3810.
Plot Offset: 10.00 mV
Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:03
Reprocess Number	: buf1938: 87813		
Operator	: tchrom	Sample Name	: AW80021207
Sample Number	: A8E03401MS	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/62
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 13:13:47	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6b29062.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29062.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29062.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29062.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29062.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.01	22435		B	0.02243	10902.51
2	8.25	100478		B	0.10048	17094.21
3	8.58	69329		B	0.06933	16711.65
5	8.96	6978		B	0.00698	1982.92
9	9.55	7387		B	0.00739	3355.88
10	9.74	34032		B	0.03403	10377.13
12	9.96	40576		B	0.04058	9682.76
13	10.09	124052		B	0.12405	34211.04
14	10.17	71955		V	0.07195	24155.79
15	10.26	1349009	Tetrachloro-m-xylene	V	0.01050	349676.34
16	10.45	60399		E	0.06040	11452.92
17	10.69	62437		B	0.06244	12573.65
19	11.36	31517		B	0.03152	10055.48
20	11.63	67693		B	0.06769	18962.52
21	11.75	63417		V	0.06342	21108.90
22	12.04	6315237	alpha-BHC	B	0.03540	1.94e+06
23	12.40	17248		B	0.01725	5878.80
24	12.53	14992		B	0.01499	4540.27
25	12.63	37834		V	0.03783	8977.52
26	12.83	94816		B	0.09482	26879.94
27	13.00	6203737	gamma-BHC	V	0.03822	1.83e+06
28	13.23	3566936	beta-BHC	B	0.04867	1.04e+06

12/02/2008 06:26:03 Result: H:\TURBO6\6890-06\6b29062.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
29	13.48	25190		B	0.02519	9309.02
30	13.76	215289		B	0.21529	60864.05
31	13.98	7301817	delta-BHC	B	0.04463	2.11e+06
32	14.11	5064792	Heptachlor	V	0.03630	1.48e+06
33	14.26	620140		V	0.62014	192238.87
34	14.30	994661		V	0.99466	212313.25
35	14.48	95763		V	0.09576	25076.11
36	14.67	41626		B	0.04163	11013.40
37	14.91	4597970	Aldrin	B	0.03119	1.36e+06
38	15.08	238555		V	0.23855	67675.51
39	15.48	120251		B	0.12025	21356.27
40	15.64	18756		B	0.01876	8379.04
41	15.73	86148		V	0.08615	14145.04
42	15.86	84209		V	0.08421	18475.19
43	16.07	105276		B	0.10528	21080.48
44	16.27	5130441	Hept. epoxide	B	0.04017	1.47e+06
45	16.43	22773		E	0.02277	4108.45
46	16.58	16082		B	0.01608	5616.78
47	16.70	4409048	gamma chlordane	V	0.03566	1.29e+06
48	16.93	48583		B	0.04858	10592.62
49	17.03	4382362	alpha chlordane	V	0.03894	1.26e+06
50	17.17	3785924	Endosulfan I	V	0.03445	1.07e+06
51	17.38	3812078	4,4'-DDE	B	0.03480	1.17e+06
52	17.79	4446683	Dieldrin	B	0.03933	1.26e+06
53	18.04	58119		B	0.05812	12356.74
54	18.14	19479		B	0.01948	6660.24
55	18.47	3352115	Endrin	B	0.04498	933303.56
56	18.66	3089382	4,4'-DDD	B	0.03907	905680.04
57	18.84	50851		B	0.05085	18628.05
58	18.94	2975168	Endosulfan II	V	0.03749	832065.64
59	19.11	19843		B	0.01984	5867.22
60	19.34	1725670	4,4'-DDT	V	0.04123	513604.33
61	19.68	592685	Endrin aldehyde	B	0.01107	139715.49
62	19.85	19123		B	0.01912	5767.15
63	19.95	110011		V	0.11001	22035.44
64	20.28	2672727	Endo. Sulfate	B	0.04148	735045.75
65	20.63	37405		B	0.03741	11701.55
66	20.80	1202332	Methoxychlor	B	0.05784	324232.29
67	20.93	68711		E	0.06871	19614.34
68	21.48	2680416	Endrin ketone	B	0.03868	667141.29
69	24.72	529228	Decachlorobiphenyl	B	0.00742	100880.37
		83230177			4.83195	2.38e+07

Chromatogram

Sample Name : AW80021207 Sample #: A8E03401MS

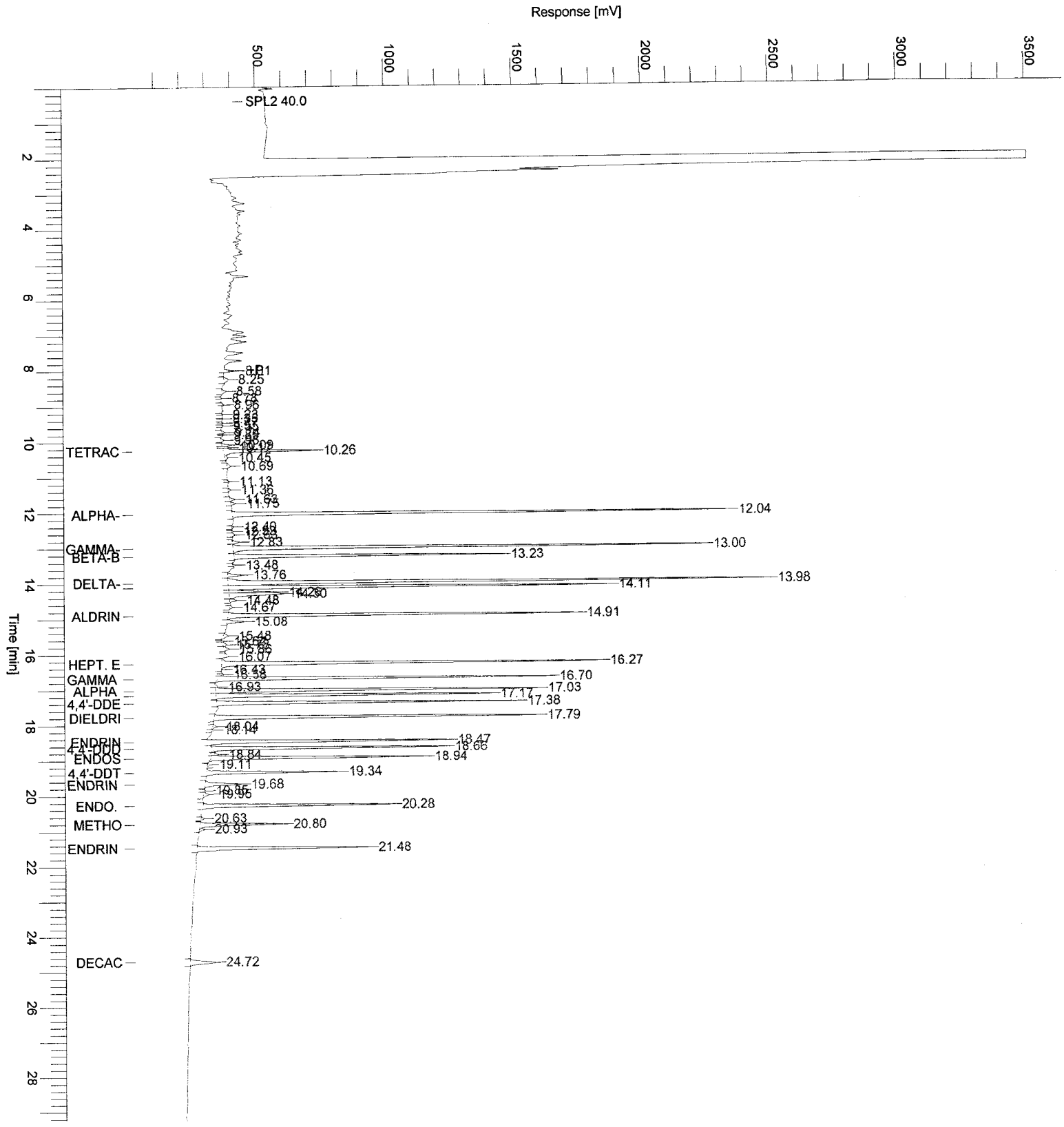
FileName : H:\TURBO6\6890-06\6b29062.raw

Date : 12/02/2008 06:26:04

Method : 6890-6 bside ins Time of Injection: 12/01/2008 13:13:47

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.

Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401SD

Sample wt/vol: 1040.00 (g/mL) ML Lab File ID: 6A29063.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 11/05/2008 11/05/2008

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

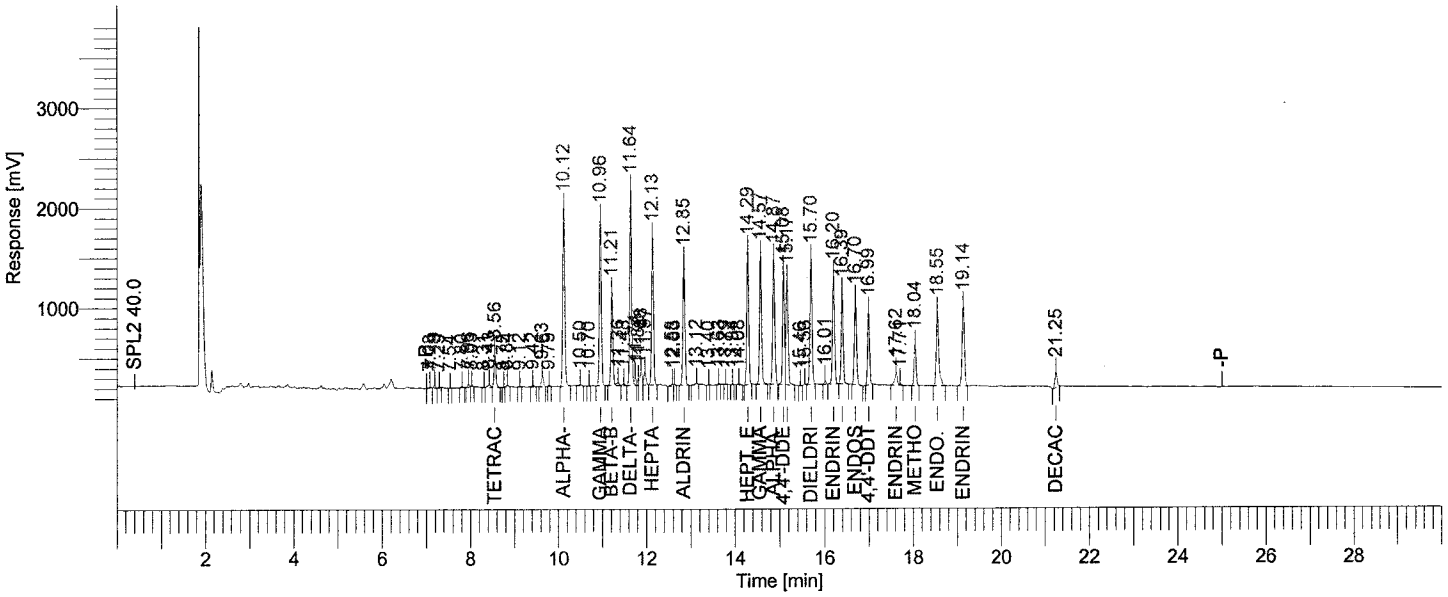
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.32	
319-85-7	beta-BHC	0.43	
319-86-8	delta-BHC	0.37	
58-89-9	gamma-BHC (Lindane)	0.32	

Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:06
Reprocess Number	: buf1938: 87814		
Operator	: tchrom	Sample Name	: AW80021208
Sample Number	: A8E03401SD	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/63
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 30.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 13:50:17	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6a29063.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29063.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29063.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29063.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29063.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.08	55033		B	0.05503	11074.75
2	7.19	81009		V	0.08101	28609.58
3	7.29	25112		B	0.02511	6905.01
5	7.80	22156		B	0.02216	6451.07
6	7.96	75861		B	0.07586	24001.03
7	8.03	29309		V	0.02931	10699.04
8	8.31	15346		B	0.01535	5580.62
9	8.43	138517		V	0.13852	27147.40
10	8.56	977934	Tetrachloro-m-xylene	V	0.00836	321302.29
11	8.75	8875		B	0.00888	3822.21
12	8.84	46679		V	0.04668	14414.13
13	9.12	15466		B	0.01547	5965.83
14	9.42	52015		B	0.05202	13673.73
15	9.63	329829		B	0.32983	109645.35
16	9.79	15505		B	0.01550	5711.27
17	10.12	5392122	alpha-BHC	B	0.03312	1.78e+06
18	10.50	54675		B	0.05467	11938.48
19	10.70	12370		B	0.01237	4770.23
20	10.96	5042470	gamma-BHC	B	0.03359	1.66e+06
21	11.21	2923183	beta-BHC	B	0.04490	927758.61
22	11.36	123909		E	0.12391	26155.32
23	11.48	54258		V	0.05426	15947.52

12/02/2008 06:26:06 Result: H:\TURBO6\6890-06\6a29063.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
24	11.64	6050074	delta-BHC	B	0.03835	1.96e+06
25	11.74	210882		E	0.21088	69231.50
26	11.82	118306		V	0.11831	49722.53
27	11.88	511645		V	0.51164	132928.28
28	11.97	422699		V	0.42270	132217.46
29	12.13	4538332	Heptachlor	V	0.03154	1.47e+06
30	12.58	77167		B	0.07717	15576.10
31	12.63	41220		V	0.04122	14213.70
32	12.85	3862898	Aldrin	B	0.02783	1.23e+06
33	13.12	49984		B	0.04998	11660.64
35	13.63	24098		B	0.02410	9630.92
36	13.79	11629		B	0.01163	4100.97
37	13.94	7686		B	0.00769	3175.19
38	14.08	45643		B	0.04564	12215.27
39	14.29	4271432	Hept. epoxide	B	0.03523	1.33e+06
40	14.57	4173317	gamma chlordane	B	0.03330	1.28e+06
41	14.87	3979854	alpha chlordane	B	0.03387	1.25e+06
42	15.08	3500027	4,4'-DDE	B	0.03207	1.14e+06
43	15.17	3508832	Endosulfan I	V	0.03093	1.04e+06
44	15.46	11782		B	0.01178	4701.58
45	15.56	46232		V	0.04623	13202.43
46	15.70	4110736	Dieldrin	V	0.03617	1.25e+06
47	16.01	94243		B	0.09424	31786.78
48	16.20	3667853	Endrin	B	0.03938	1.08e+06
49	16.39	2870692	4,4'-DDD	B	0.03533	904177.74
50	16.70	2876186	Endosulfan II	B	0.03443	843031.08
51	16.99	2321353	4,4'-DDT	B	0.03519	723502.89
52	17.62	512823	Endrin aldehyde	B	0.00750	126647.03
53	17.71	48457		E	0.04846	17179.26
54	18.04	1276265	Methoxychlor	B	0.04082	404201.23
55	18.55	2960243	Endo. Sulfate	B	0.04578	734045.14
56	19.14	2884046	Endrin ketone	B	0.03873	787316.45
57	21.25	547508	Decachlorobiphenyl	B	0.00809	144824.88
		75125776			3.58211	2.32e+07

Chromatogram

Sample Name : AW80021208 Sample #: A8E03401SD Page 1 of 1

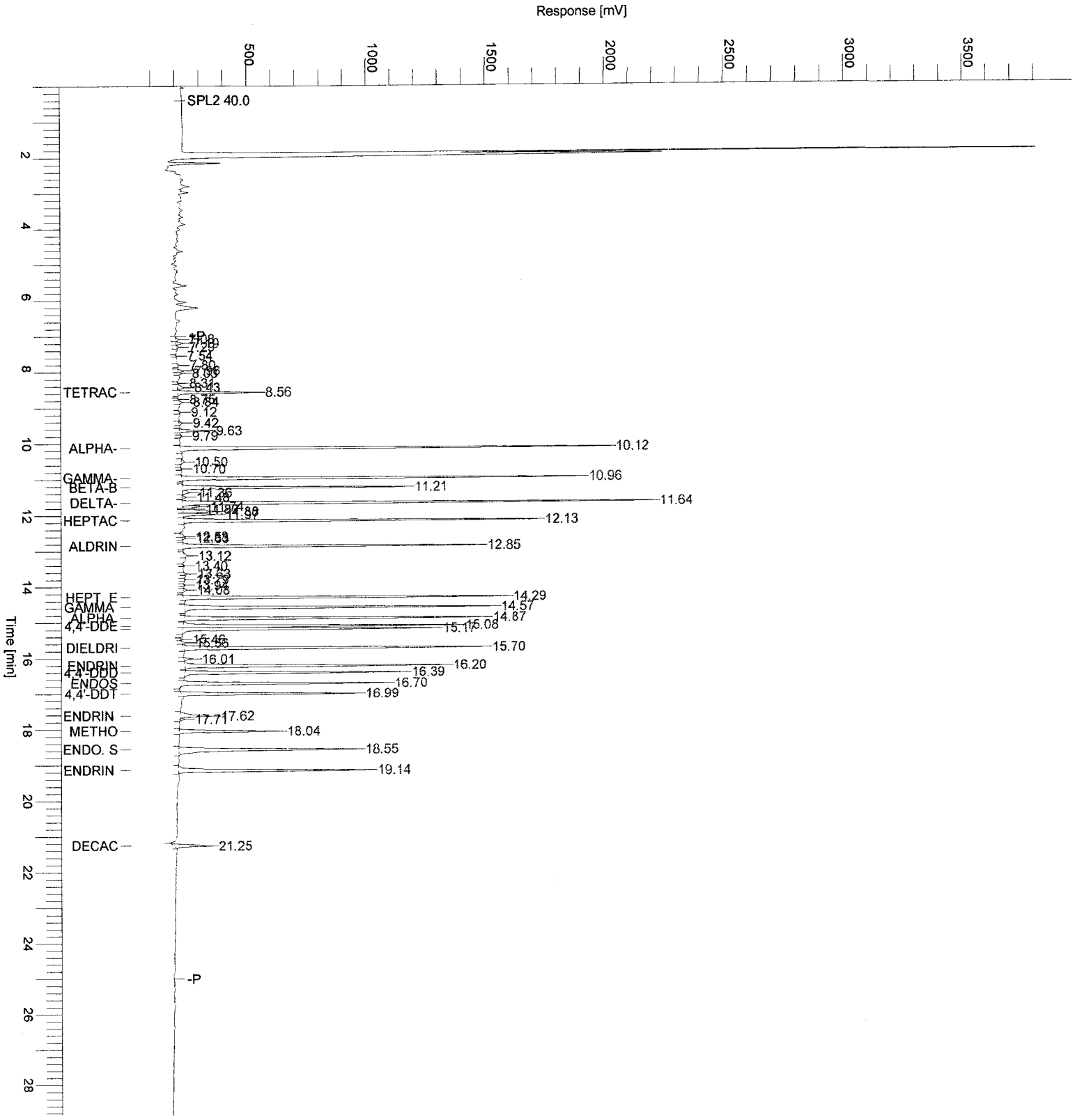
FileName : H:\TURBO6\6890-06\6a29063.raw

Date : 12/02/2008 06:26:07

Method : 6890-6 bside ins Time of Injection: 12/01/2008 13:50:17

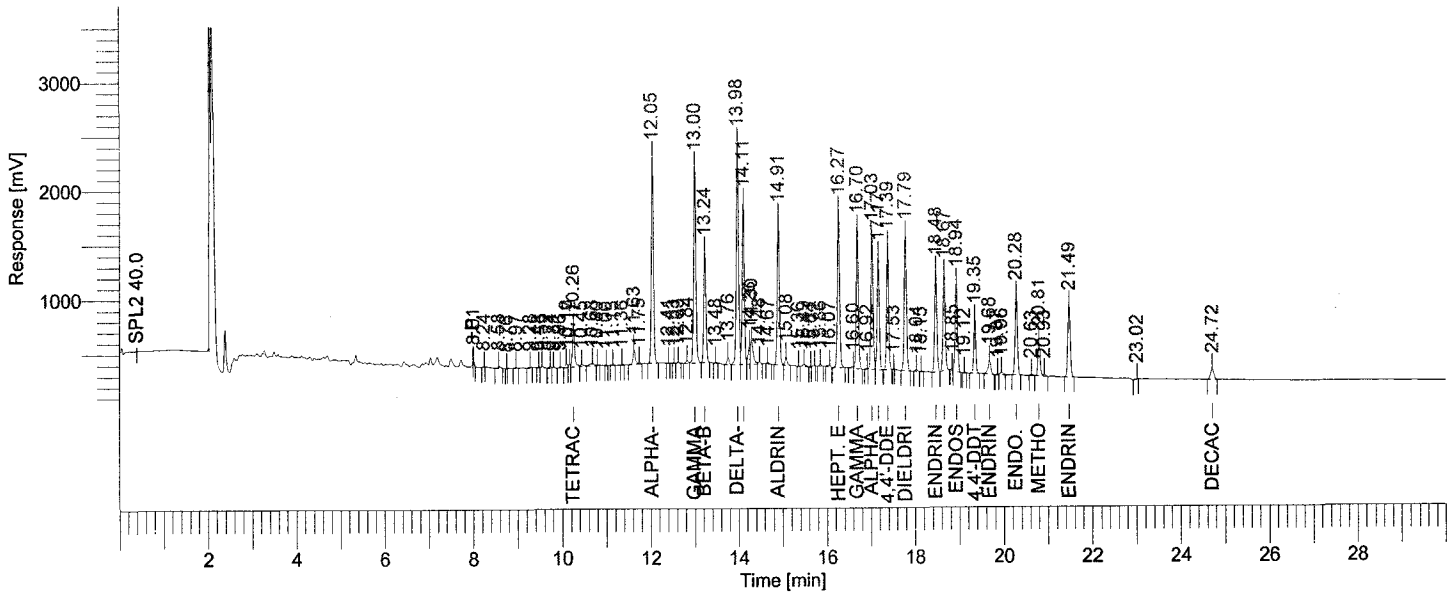
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.

Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:09
Reprocess Number	: buf1938: 87815		
Operator	: tchrom	Sample Name	: AW80021208
Sample Number	: A8E03401SD	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/63
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 30.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 13:50:17	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6b29063.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29063.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29063.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29063.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29063.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.01	32855		B	0.03286	17687.91
2	8.24	7381		B	0.00738	2223.80
3	8.58	73939		B	0.07394	16448.88
5	8.97	33956		B	0.03396	7911.54
6	9.28	38815		B	0.03881	8019.26
7	9.48	13035		B	0.01304	4703.08
8	9.55	40420		V	0.04042	11315.08
9	9.74	56820		B	0.05682	14453.75
10	9.81	45105		V	0.04510	11172.61
11	9.96	49096		B	0.04910	10938.01
12	10.10	116867		B	0.11687	34061.83
13	10.17	84749		V	0.08475	26085.90
14	10.26	1376006	Tetrachloro-m-xylene	V	0.01077	352487.33
15	10.45	82032		V	0.08203	15499.67
16	10.68	162504		V	0.16250	20128.94
17	10.80	14654		V	0.01465	5495.36
19	11.15	20763		B	0.02076	5422.39
20	11.36	28130		B	0.02813	9529.96
21	11.63	495800		B	0.49580	131270.03
22	11.75	46066		E	0.04607	16366.84
23	12.05	6143028	alpha-BHC	B	0.03439	1.90e+06
24	12.41	9787		B	0.00979	4274.09

12/02/2008 06:26:09 Result: H:\TURBO6\6890-06\6b29063.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	12.53	12431		B	0.01243	4256.69
26	12.63	34150		V	0.03415	8559.64
27	12.84	93663		B	0.09366	25903.46
28	13.00	6069180	gamma-BHC	V	0.03735	1.80e+06
29	13.24	3481313	beta-BHC	B	0.04737	1.01e+06
30	13.48	26274		B	0.02627	9970.42
31	13.76	227970		B	0.22797	65530.37
32	13.98	7091014	delta-BHC	B	0.04333	2.04e+06
33	14.11	5056725	Heptachlor	V	0.03624	1.48e+06
34	14.26	543456		V	0.54346	175377.89
35	14.30	953522		V	0.95352	202210.73
36	14.48	93566		V	0.09357	22868.60
37	14.67	33747		B	0.03375	10077.73
38	14.91	4581812	Aldrin	B	0.03108	1.34e+06
39	15.08	235884		V	0.23588	68062.90
40	15.36	10788		B	0.01079	4473.47
41	15.49	103597		V	0.10360	18955.38
42	15.64	7254		B	0.00725	3332.17
43	15.72	11887		V	0.01189	2758.18
44	15.86	55272		B	0.05527	15676.44
45	16.07	90438		B	0.09044	19655.08
46	16.27	4996426	Hept. epoxide	B	0.03908	1.43e+06
47	16.60	57216		B	0.05722	13207.42
48	16.70	4352693	gamma chlordane	V	0.03520	1.27e+06
49	16.92	18291		B	0.01829	5546.54
50	17.03	4222037	alpha chlordane	V	0.03750	1.21e+06
51	17.17	3667572	Endosulfan I	V	0.03334	1.04e+06
52	17.39	3703237	4,4'-DDE	B	0.03381	1.14e+06
54	17.79	4330090	Dieldrin	B	0.03829	1.23e+06
55	18.04	59823		B	0.05982	12960.15
56	18.15	19943		B	0.01994	7091.23
57	18.48	3344559	Endrin	B	0.04488	924681.48
58	18.67	3011960	4,4'-DDD	B	0.03810	883662.23
59	18.85	46076		B	0.04608	17920.97
60	18.94	2906813	Endosulfan II	V	0.03663	807856.12
61	19.12	13201		B	0.01320	5274.41
62	19.35	1675469	4,4'-DDT	B	0.04025	490841.51
63	19.68	522590	Endrin aldehyde	B	0.00976	120588.58
64	19.87	26391		B	0.02639	6661.26
65	19.96	107239		V	0.10724	23247.77
66	20.28	2595434	Endo. Sulfate	B	0.04027	720288.09
67	20.63	30957		B	0.03096	10160.37
68	20.81	1141741	Methoxychlor	B	0.05519	307642.08
69	20.93	67385		E	0.06739	19292.78
70	21.49	2615815	Endrin ketone	B	0.03777	649182.12
71	23.02	23830		B	0.02383	3457.12
72	24.72	505348	Decachlorobiphenyl	B	0.00699	95954.29
		81847885			5.22462	2.34e+07

Chromatogram

Sample Name : AW80021208 Sample #: A8E03401SD Page 1 of 1

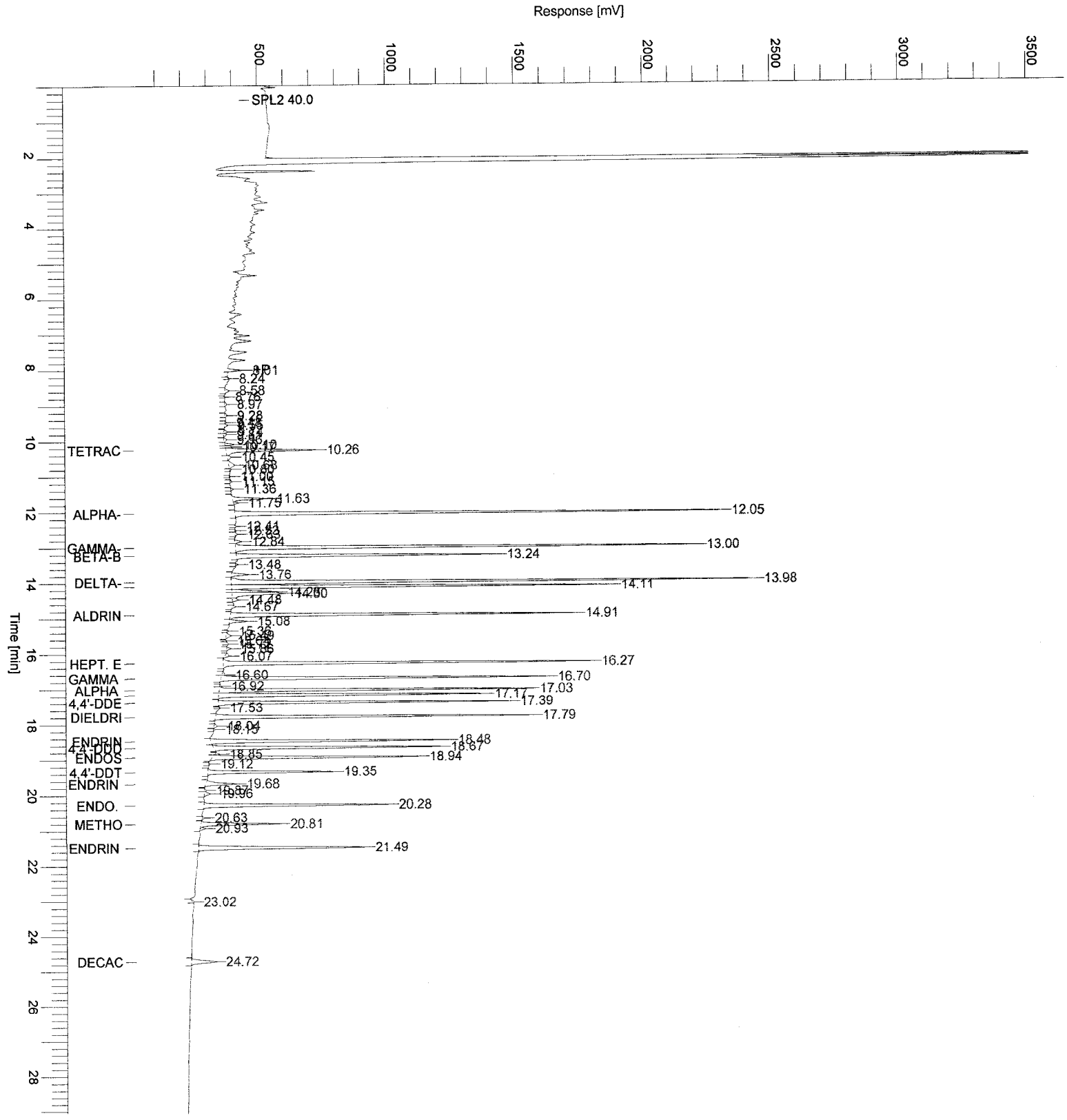
FileName : H:\TURBO6\6890-06\6b29063.raw

Date : 12/02/2008 06:26:10

Method : 6890-6 bside ins Time of Injection: 12/01/2008 13:50:17

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.

Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Organic Prep Log Book
(3510C) 608PEST/8081/8082 H2O
A8B25512 (Closed)

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 11/06/2008 JS

Date Cleanup/Initials: 11/06/2008 JU

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 11/06/2008 JU

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
8B25512	A8B2551201		MSB	AW80021204	608		608PEST	A00035	A00225	_____	5.00	1000.0000	10.00
8B25512	A8B2551203		MBLK	AW80021205	608		608PEST	A00035	_____	_____	5.00	1000.0000	10.00
08-E034	A8E03401	A	FS	AW80021206	608		608PEST	A00035	_____	_____	6.00	1020.0000	10.00
08-E034	A8E03401MS	A	MS	AW80021207	608		608PEST	A00035	A00225	_____	6.00	1030.0000	10.00
08-E034	A8E03401SD	A	SD	AW80021208	608		608PEST	A00035	A00225	_____	6.00	1040.0000	10.00
8B25512	A8B2551201		MSB	AW80021209	TCL Pest		8081	A00035	A00225	_____	5.00	1000.0000	10.00
8B25512	A8B2551203		MBLK	AW80021210	TCL Pest		8081	A00035	_____	_____	5.00	1000.0000	10.00
08-D949	A8D94902	A	FS	AW80021211	TCL Pest		8081	A00035	_____	_____	6.00	1010.0000	10.00
08-D949	A8D94903	A	FS	AW80021212	TCL Pest		8081	A00035	_____	_____	6.00	1005.0000	10.00
08-D949	A8D94904	A	FS	AW80021213	TCL Pest		8081	A00035	_____	_____	6.00	980.0000	10.00
08-D949	A8D94905	A	FS	AW80021214	TCL Pest		8081	A00035	_____	_____	6.00	1015.0000	10.00
08-D950	A8D95001	A	FS	AW80021215	TCL Pest		8081	A00035	_____	_____	6.00	1040.0000	10.00
08-D950	A8D95002	A	FS	AW80021216	TCL Pest		8081	A00035	_____	_____	6.00	1045.0000	10.00
08-D950	A8D95003	A	FS	AW80021217	TCL Pest		8081	A00035	_____	_____	6.00	1020.0000	10.00
08-D950	A8D95004	A	FS	AW80021218	TCL Pest		8081	A00035	_____	_____	6.00	1020.0000	10.00
8B25512	A8B2551201	Z	MSB	AW80021219	PCBS(9)		8082	A00035	A00222	_____	5.00	1000.0000	10.00

Organic Prep Log Book
(3510C) 608PEST/8081/8082 H2O
A8B25512 (Closed)

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 11/06/2008 JS

Date Cleanup/Initials: 11/06/2008 JU

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 11/06/2008 JU

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
3B25512	A8B2551202	Z	MSBD	AW80021220	PCBS(9)		8082	A00035	A00222		5.00	1000.0000	10.00
3B25512	A8B2551203	Z	MBLK	AW80021221	PCBS(9)		8082	A00035			5.00	1000.0000	10.00
08-D949	A8D94902	A	FS	AW80021222	PCBS(9)		8082	A00035			6.00	1010.0000	10.00
08-D949	A8D94903	A	FS	AW80021223	PCBS(9)		8082	A00035			6.00	1005.0000	10.00
08-D949	A8D94904	A	FS	AW80021224	PCBS(9)		8082	A00035			6.00	980.0000	10.00
08-D949	A8D94905	A	FS	AW80021225	PCBS(9)		8082	A00035			6.00	1015.0000	10.00
08-D950	A8D95001	A	FS	AW80021226	PCBS(9)		8082	A00035			6.00	1040.0000	10.00
08-D950	A8D95002	A	FS	AW80021227	PCBS(9)		8082	A00035			6.00	1045.0000	10.00
08-D950	A8D95003	A	FS	AW80021228	PCBS(9)		8082	A00035			6.00	1020.0000	10.00
08-D950	A8D95004	A	FS	AW80021229	PCBS(9)		8082	A00035			6.00	1020.0000	10.00
8B25512	A8B2551201	Z	MSB	AW80021219	9 PCBS		8082	A00035	A00222		5.00	1000.0000	10.00
8B25512	A8B2551202	Z	MSBD	AW80021220	9 PCBS		8082	A00035	A00222		5.00	1000.0000	10.00
8B25512	A8B2551203	Z	MBLK	AW80021221	9 PCBS		8082	A00035			5.00	1000.0000	10.00
08-E039	A8E03901	A	FS	AW80021230	9 PCBS	MN01	8082	A00035			2.00	970.0000	10.00

Comments: Sample A8E03901 was neutralized prior to extraction.

estAmerica Lab
ate: 11/06/2008
ime: 00:14:31

Organic Prep Log Book
(3510C) 608PEST/8081/8082 H2O
A8B25512

Rept: AN0501

SURROGATE A35
Expiration Date: 3/30/09
Prepared by: CM
Spiked by: CJS 1000.00 ul
Witnessed by:

MATRIX SPIKE A222
Expiration Date: 3/10/09
Prepared by: CJS
Spiked by: CJS 1000.00 ul
Witnessed by:

MeCl2: 640E08
Acetone:
Hexane: 638E55
Na2SO4: 27868003
Conc. ~~1:1~~ H2SO4: 630024/7
10 N NaOH:

Date Ext/Initials: 11-6-08 CJS
Date Cleanup/Initials: 11-6-08 JV
Extraction Type: (SEPF) or CLLE (circle one) AQUEOUS EXTRACTIONS
Date Conc/Initials: 11-6-08 JV

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B25512	A8B2551201		MSB	AW80021204	608		608PEST	A00035	A00225	Clear	5	1000	10.0
A8B25512	A8B2551203		MBLK	AW80021205	608		608PEST	A00035		↓	↓	↓	
A08-E034	A8E03401	A	FS	AW80021206	608		608PEST	A00035		Brown Orange	6	1020	
A08-E034	A8E03401MS	A	MS	AW80021207	608		608PEST	A00035	A00225			1030	
A08-E034	A8E03401SD	A	SD	AW80021208	608		608PEST	A00035	A00225			1040	
A8B25512	A8B2551201		MSB	AW80021209	TCL Pest		8081	A00035	A00225	Clear	5	1000	
A8B25512	A8B2551203		MBLK	AW80021210	TCL Pest		8081	A00035		↓	↓	↓	
A08-D949	A8D94902	A	FS	AW80021211	TCL Pest		8081	A00035		Tan	6	1010	
A08-D949	A8D94903		FS	AW80021212	TCL Pest		8081	A00035		Gray		1005	
A08-D949	A8D94904		FS	AW80021213	TCL Pest		8081	A00035		Tan/Gray		980	
A08-D949	A8D94905	↓	FS	AW80021214	TCL Pest		8081	A00035		Gray		1015	
A08-D950	A8D95001	A	FS	AW80021215	TCL Pest		8081	A00035		light Gray	6	1040	
A08-D950	A8D95002		FS	AW80021216	TCL Pest		8081	A00035		Dark Gray		1045	
A08-D950	A8D95003		FS	AW80021217	TCL Pest		8081	A00035		Dark Grey		1020	
A08-D950	A8D95004	↓	FS	AW80021218	TCL Pest		8081	A00035		Gray		1020	
A8B25512	A8B2551201		MSB	AW80021219	PCBS(9)		8082	A00035	A00222	Clear	5	1000	

estAmerica Lab
ate: 11/06/2008
ime: 00:14:31

Organic Prep Log Book
(3510C) 608PEST/8081/8082 H2O
A8B25512

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: _____ _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B25512	A8B2551202		MSBD	AW80021220	PCBS(9)		8082	A00035	A00222	Clear	5	1000	10.0
A8B25512	A8B2551203		MBLK	AW80021221	PCBS(9)		8082	A00035		↓	↓	↓	
A08-D949	A8D94902	A	FS	AW80021222	PCBS(9)		8082	A00035		Tan	6	1010	
A08-D949	A8D94903		FS	AW80021223	PCBS(9)		8082	A00035		Gray		1005	
A08-D949	A8D94904		FS	AW80021224	PCBS(9)		8082	A00035		Tan/Gray		980	
A08-D949	A8D94905		FS	AW80021225	PCBS(9)		8082	A00035		Gray		1015	
A08-D950	A8D95001		FS	AW80021226	PCBS(9)		8082	A00035		light Gray		1040	
A08-D950	A8D95002		FS	AW80021227	PCBS(9)		8082	A00035		Dark Gray		1045	
A08-D950	A8D95003		FS	AW80021228	PCBS(9)		8082	A00035		Dark Gray		1020	
A08-D950	A8D95004	↓	FS	AW80021229	PCBS(9)		8082	A00035		Gray		↓	
A8B25512	A8B2551201		MSB	AW80021219	9 PCBS		8082	A00035	A00222	Clear	5	1200	
A8B25512	A8B2551202		MSBD	AW80021220	9 PCBS		8082	A00035	A00222	↓	↓	↓	
A8B25512	A8B2551203		MBLK	AW80021221	9 PCBS		8082	A00035		↓	↓	↓	
A08-E039	A8E03901	A	FS	AW80021230	9 PCBS		8082	A00035		Gray	2	970	↓

Acceptance Limits: 30-40 °C Turbovap Temp: _____

Gas Flow Check: _____

Entered Initials: CM

Closed Initials: _____

Comments: Sample A8E03901 was neutralized prior to extraction

Test America Buffalo

GC Extractable INJECTION LOGBOOK

Instrument ID: HP 6890-6 Columns: A / B RTXCLPI / RTXCLPII Sequence 29

Logbook # A08-06-02

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
		1cm3QH				(4)		
		QI			25			
		QM						
		QI	10					
		QM	10					
		1CM25Z						
					30			
		ZU						
		ZU	10					
		ICM25YE						2nd Source OK
		ICM1CJ			35			
		1CM25ZU						
		3QM						
	QC	MW80021827						
		21826						
		21825			40			
	E360	21829						
	E357	21842						
	E353	21828	4					
		1CM25ZU						
		3QM						
		11/29/00 ICM1~~QA~~DA						
		25ZU						
		ACM19 EE						
		FD						
		FC						

Rev.0
12/20/2007

000031

Reviewed By: Date:

292/356

Test America Buffalo

GC Extractable INJECTION LOGBOOK

strument ID: HP 6890-6 Columns: A / B RTX CLPI RTX CLP II Sequence 29

gbook # A08-06-02

ate & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
		Aem 19 FC	10					
		↓ FC	10					
-1-08		Leave						
DJB		ICM1DA						A OK B out
		ICM25Z4			55			A OK B OK
		ICM3QM						A OK B TCMx↑
		ACM11LB						A ↓ B↑
		ICM14BE						A ↓ B↓
	QC	AW800 21204 MSB		Cu			TXO'd	
		21205 MBLk			60			
	E034	AW800 21206						BHC's
		21207 MS						
		21208 SD						
	D949	21211						
		21212			65			
		21213						
		21214						
		ICM25Z4						ADDT↓-16.1 B DDT↓-16.5
		ICM3QM						AOK BOK
	D950	AW800 21215			70			
		21216		Cu				
		21217						
		21218						
	QC 12-1	AW800 14956 MSB						
		14957 MSBD			75			+
		14958 MBLk						
		ICM25Z4						ADRT↓flag↓ B DDT↓ methoxy↓

293/356

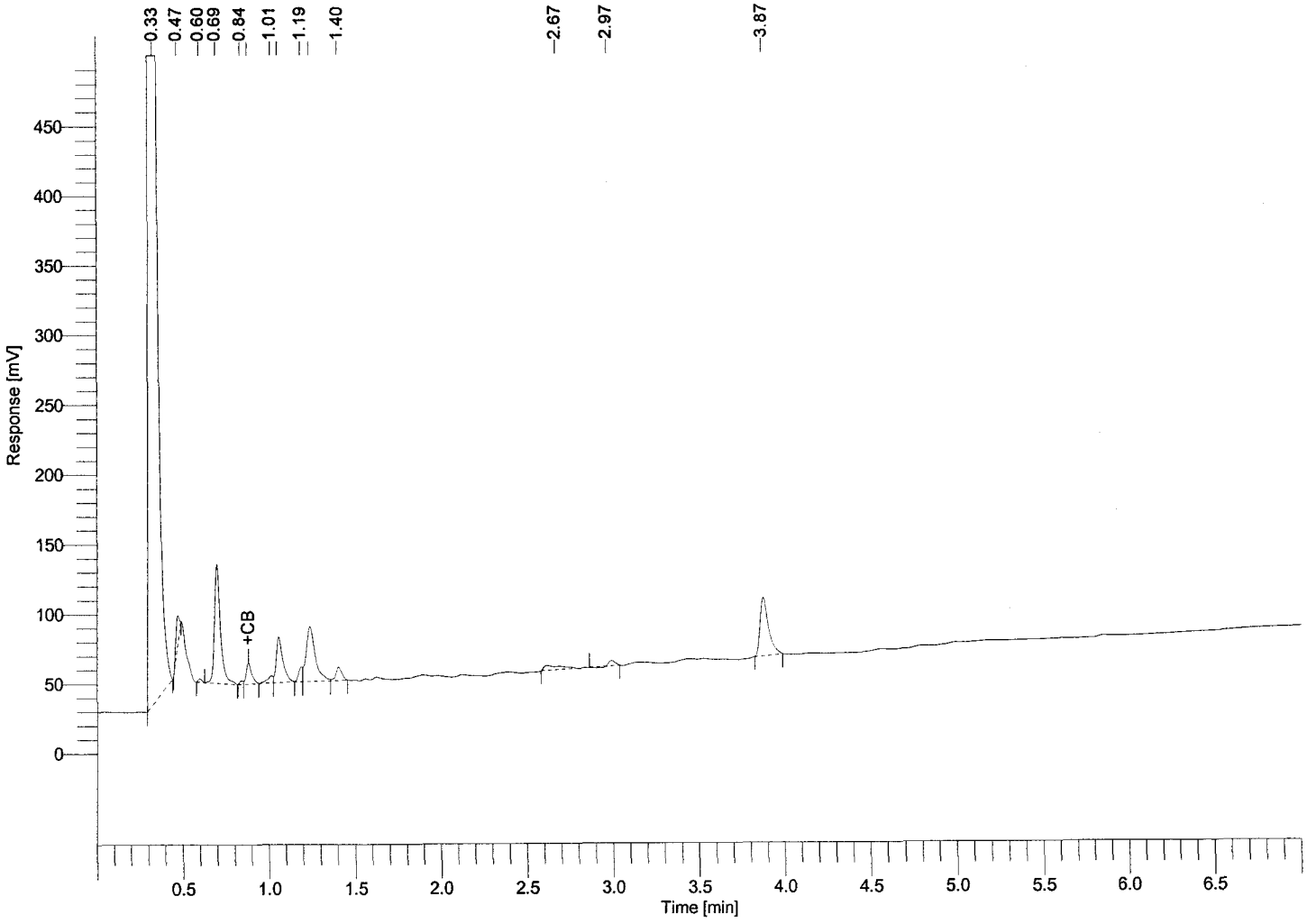
Rev.0
12/20/2007

000032

Reviewed By: Date:

Software Version	: 6.2.1.0.104:0104	Date	: 11/07/2008 12:46:57
Reprocess Number	: buf2042: 220598		
Sample Name	: AW80021206	Data Acquisition Time	: 11/07/2008 07:46:31
Instrument Name	: HP5890-16	Channel	: A
Rack/Vial	: 0/0	Operator	: tchrom
Sample Amount	: 1.000000	Dilution Factor	: 1.000000
Cycle	: 10		

Result File : H:\TURBO6\5890-16\16a09109.rst
Sequence File : H:\TURBO6\5890-16\16D09.seq



PCB Screen

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.25		0	322217	AR1242	0.08702	0
	1.65		0	183094	AR1248	0.03365	0
	2.65		0	33314	AR1260	0.00562	0
				538625			

Metals Data

TESTAMERICA LABORATORIES INC.

Olin Corporation

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY02-399 SDG No.: A08-E034

Lab Code: TALBFLO Case No.: SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
IWS-MS1-110508-LCRS	A8E03401
IWS-MS1-110508-LCRS\MS	A8E03401MS
IWS-MS1-110508-LCRS\SD	A8E03401SD

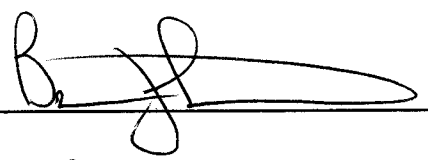
Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature:  Name: Brian Fischer

Date: 12-11-08 Title: Project Manager

TESTAMERICA LABORATORIES INC.

Olin Corporation

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Olin Corporation **SDG No.:** A08-E034 **Method Type:**

Sample ID: A8E03401 **Client ID:** IWS-MS1-110508-LCRS

Matrix: WATER **Date Received:** 11/5/2008 **Date Collected:** 11/5/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 30.0 **Final Vol:** 50.0

Prep Batch ID: A8B25774 **Prep Date:** 11/11/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Analytical Time	Instrument	Run	M
Mercury	**3.7**	**ug/L**		**N**	**0.200**	0.200	**1**	**11/11/2008**	**18:01:15**	LEEMAN PS2	H11118W2	CV

Comments:

TESTAMERICA LABORATORIES INC.

Olin Corporation

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Initial Calibration Source: _____

Continuing Calibration Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury	3.0	3.10	103	2.0	2.06	103	2.04	102	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Olin Corporation

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Initial Calibration Source: _____

Continuing Calibration Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.03	102	2.01	100	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Olin Corporation
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A08-E034

AA CRDL Standard Source: _____

ICP CRDL Standard Source:

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.21	105					

Comments:

TESTAMERICA LABORATORIES INC.

Olin Corporation
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A08-E034

AA CRDL Standard Source: _____

ICP CRDL Standard Source:

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.18	90					

Comments:

TESTAMERICA LABORATORIES INC.

Olin Corporation
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A08-E034

AA CRDL Standard Source: _____

ICP CRDL Standard Source:

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.20	100					

Comments:

Olin Corporation

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Olin Corporation **SDG No.:** A08-E034

Contract: NY02-399 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	17:50	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	17:54	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	18:14	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	18:23	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	18:41	LEEMAN PS20	H11118W2

Olin Corporation
- 3b -
PREPARATION BLANK SUMMARY

Client: Olin Corporation **SDG No.:** A08-E034

Contract: NY02-399 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD866179-11/11/08			**WATER**								
	Mercury	0.200	U		0.200	0.200	CV	11/11/2008	18:37	LEEMAN PS20	H11118W2

TESTAMERICA LABORATORIES INC.

Olin Corporation

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

IWS-MS1-110508-LCRS\MS

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	70 - 130	8.2500		3.7000		6.67	68	N	CV

Comments: _____

TESTAMERICA LABORATORIES INC.

Olin Corporation

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

IWS-MS1-110508-LCRS\SD

Contract: NY02-399

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A08-E034

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	70 - 130	8.8000		3.7000		6.67	76		CV

Comments:

TESTAMERICA LABORATORIES INC.

Olin Corporation
-6-
DUPLICATES

SAMPLE NO.

IWS-MS1-110508-LCRS\SD

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury		8.2500		8.8000		6		CV

TESTAMERICA LABORATORIES INC.

Olin Corporation

-7-

LABORATORY CONTROL SAMPLE

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Solid LCS Source: _____

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits	%R
Mercury	3.3	3.28	99					

Comments: _____

TESTAMERICA LABORATORIES INC.

Olin Corporation

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

ICP ID Number: _____ Date: 10/8/2008

Flame AA ID Number: LEEMAN PS200II

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	RL (ug/L)	RL (ug/L)	M
Mercury	253.70		0.2	0.2	CV

Comments: _____

TESTAMERICA LABORATORIES INC.

Olin Corporation

-13-

PREPARATION LOG

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
IWS-MS1-110508-LCRS	11/11/2008	30.0	50.0
IWS-MS1-110508-LCRS\	11/11/2008	30.0	50.0
IWS-MS1-110508-LCRS\	11/11/2008	30.0	50.0
AD866178-LFB	11/11/2008	30.0	50.0
AD866179-MBLK	11/11/2008	30.0	50.0

Comments:

TESTAMERICA LABORATORIES

Olin Corporation

-14-

ANALYSIS RUN LOG

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A08-E034

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 11/11/2008 End Date: 11/11/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1.00	17:48																X									
ICB	1.00	17:50																X									
CRA	1.00	17:51																X									
CCV	1.00	17:53																X									
CCB	1.00	17:54																X									
ZZZZZZ	1.00	17:56																										
ZZZZZZ	1.00	17:57																										
ZZZZZZ	1.00	17:59																										
IWS-MS1-110508-LCR	1.00	18:01																X									
ZZZZZZ	1.00	18:02																										
IWS-MS1-110508-LCR	1.00	18:04																X									
IWS-MS1-110508-LCR	1.00	18:05																X									
ZZZZZZ	1.00	18:07																										
ZZZZZZ	1.00	18:09																										
ZZZZZZ	1.00	18:10																										
CCV	1.00	18:12																X									
CCB	1.00	18:14																X									
ZZZZZZ	1.00	18:15																										
ZZZZZZ	1.00	18:16																										
ZZZZZZ	1.00	18:18																										
ZZZZZZ	1.00	18:19																										
CRA	1.00	18:21																X									
CCV	1.00	18:22																X									
CCB	1.00	18:23																X									
ZZZZZZ	1.00	18:34																										
AD866178-LFB	1.00	18:36																X									
AD866179-MBLK	1.00	18:37																X									
CRA	1.00	18:38																X									
CCV	1.00	18:40																X									
CCB	1.00	18:41																X									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Metals Raw Data

METALS DIGESTION LOG
A8B25774 - 11/11/2008 SW/MC Total Hg Water W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
/11/08	13:00	MM	A08-D608	A8D60802	A	FS	AD866156	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-D893	A8D89301	A	FS	AD866157	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-D902	A8D90201	A	FS	AD866158	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-D962	A8D96201	A	FS	AD866159	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-D962	A8D96202	A	FS	AD866160	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-D963	A8D96302	A	FS	AD866161	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-D969	A8D96901	A	FS	AD866162	A	MERCURY	15.00	50.00					
/11/08	13:00	MM	A08-E014	A8E01402	A	FS	AD866163	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E018	A8E01801	A	FS	AD866164	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E018	A8E01802	A	FS	AD866165	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E018	A8E01803	A	FS	AD866166	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E021	A8E02101	A	FS	AD866167	A	MERCURY	5.00	50.00					SLUDGE
/11/08	13:00	MM	A08-E025	A8E02501	A	FS	AD866168	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E025	A8E02502	A	FS	AD866169	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E025	A8E02503	A	FS	AD866170	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E025	A8E02504	A	FS	AD866171	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E025	A8E02505	A	FS	AD866172	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM	A08-E025	A8E02506	A	FS	AD866173	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM	A08-E034	A8E03401	A	FS	AD866174	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM	A08-E034	A8E03401MS	A	MS	AD866175	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM	A08-E034	A8E03401SD	A	SD	AD866176	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM	A08-E047	A8E04701	A	FS	AD866177	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM		A8B2577401	A	LCS	AD866178	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM		A8B2577402	A	MBLK	AD866179	A	MERCURY	30.00	50.00					

Comments: Samples A8D96901 and A8E02101 were digested at reduced initial volume due to high reactivity of the sample matrix with KMnO4.

The batch was digested using an additional 5mL (2x) potassium permanganate (KMnO4) due to high

313/356

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

METALS DIGESTION LOG
A8B25774 - 11/11/2008 SW/MC Total Hg Water W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

consumption by some samples.

EPPENDORFS USED TO ADD SPIKES:
08-11-08 HGL5 2.0mL; 08-11-08 HGL4 1.0mL; 08-11-08 HGL3 0.5mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
08-11-08 HGL1 0.1mL
08-11-08 HGL2 0.2mL
08-11-08 HGL3 0.5mL
08-11-08 HGL4 1.0mL
08-11-08 HGL5 2.0mL
08-11-08 HGL6 2.5mL
08-11-08 HGL7 5.0mL
MERCURY BATCH ADDITIONS:
1.) Hg LCS/MS/SD (W) 8-149-D
2.) Potassium Persulfate 8-122-R
3.) Potassium Permanganate 8-130-Q
4.) Stannous Chloride 8-124-U
5.) Hydroxylamine Hydrochloride 8-114-S
6.) Hg LCS (ERA Soil - lot#D058) 04-MDL-17
Silicon(IV) Oxide 99.995% 07-MDL-04 Lot# C20T032 (Soil Only)
Conc. Nitric Acid Mallinkrodt Lot# G02061
Conc. HCl Acid Mallinkrodt Lot# G06A25
Conc. Sulfuric Acid Mallinkrodt Lot# G20022
Hot Block A Temp From Designated Cell: (96)°C
Hot Block B Temp From Designated Cell: (98)°C
Temp Criteria: 95(+-)3°C
Digestion Cups: Environmental Express Lot# A805LS309

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

315/356
11-11-2008
L1 (PM)
G11118W1

WinHg Database 1.1

File Utility Help

RN⇩ RN⇧ ?

Protocol hgppb Dataset/Proto G11118W1/hgppb

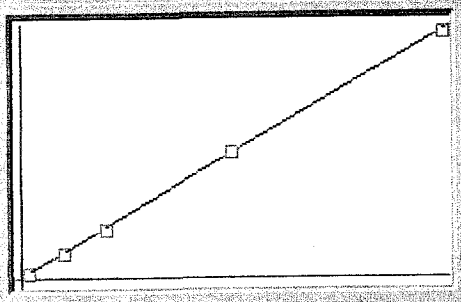
Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs

A
B 1.87270e-5
C -1.76826e-2
rho .999974

☑ Calibrated
☑ Accepted
Accept
Type Linear

Rel. Abs. 533833
Accepted
New



Include S7 Rep 1 2 3 4 5

Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.023	-.023	-280	332	-648	-2	-188
02	.20000	.204	.004	11825	7.79%	12887	11246	11341
03	1.0000	1.02	.016	55207	0.67%	54987	55000	55633
04	2.0000	1.98	-.022	106546	2.16%	109054	106056	104530
05	5.0000	5.05	.046	270392	2.89%	264413	267532	279229
06	10.000	9.98	-.021	533834	0.84%	538916	532224	530361

Ready CAP NUM

8-149-K
-I
-F
-G
-H
-J

Folder: G11118W1
Protocol: hgppb
POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

8-149-J

*** Check Standard: 2 Ck2ICV Seq: 1 15:25:56 11 Nov 08 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg H 107. 3.21 3.00 ppb .000

Rerun

*** Check Standard: 2 Ck2ICV Seq: 2 15:27:20 11 Nov 08 HG
Line Flag %Rcv. Found True Units SD/RSD
J Hg H 107. 3.20 3.00 ppb .000

↑ MCRWW, OKSW963

*** Check Standard: 1 Ck1ICB/CCB Seq: 3 15:28:41 11 Nov 08 HG
Line Flag Found Range(+/-) Units SD/RSD
K Hg -.000 .200 ppb .000

*** Check Standard: 4 Ck4CRA Seq: 4 15:30:04 11 Nov 08 HG
Line Flag %Rcv. Found True Units SD/RSD
L Hg 96.5 .193 .200 ppb .000

*** Check Standard: 3 Ck3CCV Seq: 5 15:31:24 11 Nov 08 HG
Line Flag %Rcv. Found True Units SD/RSD
M Hg 107. 2.14 2.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 6 15:33:08 11 Nov 08 HG
Line Flag Found Range(+/-) Units SD/RSD
K Hg -.014 .200 ppb .000

*** Sample ID: AD866156 Seq: 7 15:34:28 11 Nov 08 HG

X Hg -.042 ppb .000 -.042

*** Sample ID: AD866157 Seq: 8 15:35:58 11 Nov 08 HG

Hg -.007 ppb .000 -.007

*** Sample ID: AD866158 Seq: 9 15:37:18 11 Nov 08 HG

Hg -.046 ppb .000 -.046

*** Sample ID: AD866159 Seq: 10 15:39:09 11 Nov 08 HG

Hg -.023 ppb .000 -.023

*** Sample ID: AD866160 Seq: 11 15:41:13 11 Nov 08 HG

Hg -.039 ppb .000 -.039

*** Sample ID: AD866161 Seq: 12 15:42:38 11 Nov 08 HG

Hg .014 ppb .000 .014

*** Sample ID: AD866162 Seq: 13 15:44:02 11 Nov 08 HG

X Hg .914 ppb .000 .914

Folder: G11118W1
Page
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD866163				Seq: 14	15:45:24 11 Nov 08	HG		
Hg	.084	ppb	.000	.084				
*** Sample ID: AD866164				Seq: 15	15:47:25 11 Nov 08	HG		
Hg	.018	ppb	.000	.018				
*** Sample ID: AD866165				Seq: 16	15:48:48 11 Nov 08	HG		
Hg	.023	ppb	.000	.023				
*** Check Standard: 3 Ck3CCV				Seq: 17	15:50:13 11 Nov 08	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	H	110.	2.20	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 18	15:51:45 11 Nov 08	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.017	.200	ppb	.000			
*** Sample ID: AD866166				Seq: 19	15:53:31 11 Nov 08	HG		
Hg	.135	ppb	.000	.135				
*** Sample ID: AD866167				Seq: 20	15:54:52 11 Nov 08	HG		
Hg	1.81	ppb	.000	1.81				
*** Sample ID: AD866168				Seq: 21	15:56:23 11 Nov 08	HG		
Hg	-.040	ppb	.000	-.040				
*** Sample ID: AD866169				Seq: 22	15:57:45 11 Nov 08	HG		
Hg	.005	ppb	.000	.005				
*** Sample ID: AD866170				Seq: 23	15:59:07 11 Nov 08	HG		
Hg	.001	ppb	.000	.001				
*** Sample ID: AD866171				Seq: 24	16:00:27 11 Nov 08	HG		
Hg	-.016	ppb	.000	-.016				
*** Sample ID: AD866172				Seq: 25	16:01:59 11 Nov 08	HG		
Hg	-.014	ppb	.000	-.014				
*** Sample ID: AD866173				Seq: 26	16:03:44 11 Nov 08	HG		
Hg	.013	ppb	.000	.013				

Folder: G11118W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD866174				Seq: 27	16:05:18 11 Nov 08	HG		
Hg	2.35	ppb	.000	2.35				
*** Sample ID: AD866174L				Seq: 28	16:06:50 11 Nov 08	HG		
			1:5					
Hg	.447	ppb	.000	.447				
*** Check Standard: 3 Ck3CCV				Seq: 29	16:08:11 11 Nov 08	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	H	112.	2.24	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 30	16:09:51 11 Nov 08	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.010	.200	ppb	.000			
*** Sample ID: AD866175				Seq: 31	16:11:17 11 Nov 08	HG		
			+4 PPB					
Hg	5.06	ppb	.000	5.06				
*** Sample ID: AD866176				Seq: 32	16:13:12 11 Nov 08	HG		
			+4 PPB					
Hg	5.40	ppb	.000	5.40				
*** Sample ID: AD866177				Seq: 33	16:14:35 11 Nov 08	HG		
Hg	-.036	ppb	.000	-.036				
*** Sample ID: AD866178				Seq: 34	16:16:10 11 Nov 08	HG		
SPIKED								
Hg	2.18	ppb	.000	2.18				
*** %Rec. ID: AD866178				Seq: 35	16:16:10 11 Nov 08	HG		
			Spikes =1	Unspiked =0				
	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)	
Hg	2.00	ppb	109.	.000	.000	2.18	.000	
*** Sample ID: AD866179				Seq: 36	16:17:50 11 Nov 08	HG		
Hg	-.015	ppb	.000	-.015				
*** Sample ID: AD866180				Seq: 37	16:19:12 11 Nov 08	HG		
Hg	.034	ppb	.000	.034				
*** Sample ID: AD866181				Seq: 38	16:20:52 11 Nov 08	HG		
Hg	-.011	ppb	.000	-.011				
*** Sample ID: AD866182				Seq: 39	16:22:33 11 Nov 08	HG		
Hg	-.020	ppb	.000	-.020				

Folder: G11118W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5		
*** Sample ID: AD866183					Seq: 40	16:24:05 11 Nov 08			HG	
Hg	.005	ppb	.000	.005						=
*** Sample ID: AD866184					Seq: 41	16:26:12 11 Nov 08			HG	
Hg	.005	ppb	.000	.005						=
*** Check Standard: 3 Ck3CCV					Seq: 42	16:27:55 11 Nov 08			HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD				
Hg	H	111	2.21	2.00	ppb	.000				=
*** Check Standard: 1 Ck1ICB/CCB					Seq: 43	16:29:28 11 Nov 08			HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD				
Hg		.005	.200	ppb		.000				=
*** Sample ID: AD866185					Seq: 44	16:30:48 11 Nov 08			HG	
Hg	.009	ppb	.000	.009						=
*** Sample ID: AD866186					Seq: 45	16:32:45 11 Nov 08			HG	
Hg	-.042	ppb	.000	-.042						=
*** Sample ID: AD866187					Seq: 46	16:34:06 11 Nov 08			HG	
Hg	-.028	ppb	.000	-.028						=
*** Sample ID: AD866187L					Seq: 47	16:35:59 11 Nov 08			HG	
			1:5							
Hg	.037	ppb	.000	.037						=
*** Sample ID: AD866188					Seq: 48	16:37:40 11 Nov 08			HG	
			+4 PPB							
Hg	4.42	ppb	.000	4.42						=
*** Sample ID: AD866189					Seq: 49	16:39:11 11 Nov 08			HG	
			+4 PPB							
Hg	4.32	ppb	.000	4.32						=
*** Sample ID: AD866190					Seq: 50	16:40:37 11 Nov 08			HG	
Hg	-.031	ppb	.000	-.031						=
*** Sample ID: AD866191					Seq: 51	16:41:57 11 Nov 08			HG	
Hg	.001	ppb	.000	.001						=
*** Sample ID: AD866192					Seq: 52	16:43:20 11 Nov 08			HG	
Hg	-.014	ppb	.000	-.014						=

Folder: G11118W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: AD866193				Seq: 53		16:45:04 11 Nov 08		HG	
Hg	-.037	ppb	.000	-.037					=
*** Check Standard: 3 Ck3CCV				Seq: 54		16:46:29 11 Nov 08		HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		109. ✓	2.18	2.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 55		16:47:59 11 Nov 08		HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD			
Hg		-.012 ✓	.200	ppb		.000			=
*** Sample ID: AD866194				Seq: 56		16:49:30 11 Nov 08		HG	
Hg	-.024	ppb	.000	-.024					=
*** Sample ID: AD866195				Seq: 57		16:50:56 11 Nov 08		HG	
Hg	-.004	ppb	.000	-.004					=
*** Sample ID: AD866196				Seq: 58		16:52:20 11 Nov 08		HG	
X Hg	.007	ppb	.000	.007					=
*** Sample ID: AD866197				Seq: 59		16:53:41 11 Nov 08		HG	
X Hg	.038	ppb	.000	.038					=
*** Sample ID: AD866198				Seq: 60		16:55:48 11 Nov 08		HG	
Hg	-.028	ppb	.000	-.028					=
*** Sample ID: AD866199				Seq: 61		16:57:09 11 Nov 08		HG	
Hg	.009	ppb	.000	.009					=
*** Sample ID: AD866200				Seq: 62		16:58:41 11 Nov 08		HG	
Hg	-.024	ppb	.000	-.024					=
*** Sample ID: AD866201				Seq: 63		17:00:04 11 Nov 08		HG	
Hg	.009	ppb	.000	.009					=
*** Sample ID: AD866202				Seq: 64		17:02:35 11 Nov 08		HG	
SPIKED Hg	2.12	ppb ✓	.000	2.12					=
*** %Rec. ID: AD866202				Seq: 65		17:02:35 11 Nov 08		HG	
				Spikes =1	Unspiked =0				
	Spike			%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)	
Hg	2.00	ppb	✓	106.	.000	.000	2.12	.000	=

Folder: G11118W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD866203 Seq: 66 17:03:57 11 Nov 08 HG

Hg	.009	ppb	.000	.009

*** Check Standard: 4 Ck4CRA Seq: 67 17:05:22 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		108.	.216	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 68 17:07:07 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	H	110.	2.21	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 69 17:08:58 11 Nov 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.017	.200	ppb	.000

WinHg Database 1.1

File Utility Help

RN↓ RN↑ ?

Protocol hgppb BUSY Dataset/Proto H11118W2/hgppb

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A

B 2.09628e-5

C -2.50668e-2

rho .999975

Calibrated

Accepted

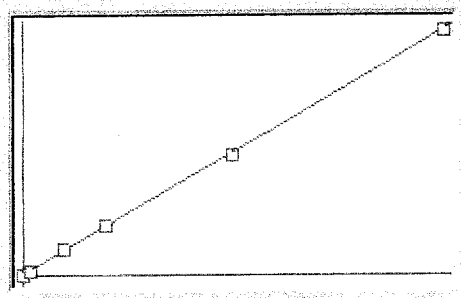
Accept

Type Linear

Rel. Abs. 479006

Accepted

New



Include S7 Rep 1 2 3 4 5

Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.016	-.016	420	205	647	247	366
02	.20000	.199	-.001	10707	3.25%	10462	10553	11105
03	1.0000	1.03	.030	50325	0.65%	50342	49991	50644
04	2.0000	2.02	.017	97392	0.22%	97288	97643	97247
05	5.0000	4.95	-.046	237531	0.26%	237830	236833	237929
06	10.000	10.0	.016	479007	0.29%	479844	479788	477388

Ready CAP NUM

11-322/356

L2 (PM)

H11118W2

8-149-K

-E

-F

-G

-H

-I

Folder: H11118W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

8-149-J

*** Check Standard: 2 Ck2ICV Seq: 1 17:48:40 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	3.10	3.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 17:50:21 11 Nov 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.015	.200	ppb	.000

K

*** Check Standard: 4 Ck4CRA Seq: 3 17:51:42 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	.205	.200	ppb	.000

L

*** Check Standard: 3 Ck3CCV Seq: 4 17:53:12 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	2.06	2.00	ppb	.000

M

*** Check Standard: 1 Ck1ICB/CCB Seq: 5 17:54:58 11 Nov 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.001	.200	ppb	.000

K

*** Sample ID: AD866156 Seq: 6 17:56:19 11 Nov 08 HG

Hg	-.024	ppb	.000	-.024

*** Sample ID: AD866162 Seq: 7 17:57:53 11 Nov 08 HG

Hg	.921	ppb	.000	.921

*** Sample ID: AD866163 Seq: 8 17:59:13 11 Nov 08 HG

Hg	.090	ppb	.000	.090

*** Sample ID: AD866174 Seq: 9 18:01:15 11 Nov 08 HG

Hg	2.22	ppb	.000	2.22

*** Sample ID: AD866174L Seq: 10 18:02:55 11 Nov 08 HG

1:5

Hg	.444	ppb	.000	.444

*** Sample ID: AD866175 Seq: 11 18:04:35 11 Nov 08 HG

+4 PPB

Hg	4.95	ppb	.000	4.95

*** Sample ID: AD866176 Seq: 12 18:05:59 11 Nov 08 HG

+4 PPB

Hg	5.28	ppb	.000	5.28

wrong sample run - Rerun. X

*** Sample ID: AD866177 Seq: 13 18:07:56 11 Nov 08 HG

Hg	1.86	ppb	.000	1.86

Folder: H11118W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD866178 SPIKED				Seq: 14		18:09:22 11 Nov 08	HG	
Hg	-.020	ppb	.000	-.020				
*** %Rec. ID: AD866178				Seq: 15		18:09:22 11 Nov 08	HG	
				Spikes =1	Unspiked =0			
	Spike			%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	4.00	L ppb		-.491	.000	.000	-.020	.000
*** Sample ID: AD866179				Seq: 16		18:10:47 11 Nov 08	HG	
Hg	-.010	ppb	.000	-.010				
*** Check Standard: 3 Ck3CCV				Seq: 17		18:12:29 11 Nov 08	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		102.	2.04	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 18		18:14:01 11 Nov 08	HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD		
Hg		-.006	.200	ppb		.000		
*** Sample ID: AD866196				Seq: 19		18:15:24 11 Nov 08	HG	
Hg	.010	ppb	.000	.010				
*** Sample ID: AD866197				Seq: 20		18:16:55 11 Nov 08	HG	
Hg	.084	ppb	.000	.084				
*** Sample ID: AD866202 SPIKED				Seq: 21		18:18:18 11 Nov 08	HG	
Hg	1.91	ppb	.000	1.91				
*** %Rec. ID: AD866202				Seq: 22		18:18:18 11 Nov 08	HG	
				Spikes =1	Unspiked =0			
	Spike			%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	~~4.00~~ 2ppb	L ppb		47.8	.000	.000	1.91	.000
*** Sample ID: AD866203				Seq: 23		18:19:41 11 Nov 08	HG	
Hg	-.014	ppb	.000	-.014				
*** Check Standard: 4 Ck4CRA				Seq: 24		18:21:03 11 Nov 08	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		91.4	.183	.200	ppb	.000		
*** Check Standard: 3 Ck3CCV				Seq: 25		18:22:26 11 Nov 08	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		102.	2.03	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 26		18:23:56 11 Nov 08	HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD		
Hg		-.002	.200	ppb		.000		
*** Sample ID: AD866177				Seq: 27		18:34:23 11 Nov 08	HG	
Hg	.006	ppb	.000	.006				

95.6% 11/11/08 PK

Folder: H11118W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD866178 Seq: 28 18:36:05 11 Nov 08 HG

SPIKED

Hg	1.97	ppb	.000	1.97

*** %Rec. ID: AD866178 Seq: 29 18:36:05 11 Nov 08 HG

Spikes =1 Unspiked =0

	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	~~4.00~~ 2	ppb	49.3	.000	.000	1.97	.000

*** Sample ID: AD866179 Seq: 30 18:37:37 11 Nov 08 HG

Hg	-.022	ppb	.000	-.022

*** Check Standard: 4 Ck4CRA Seq: 31 18:38:58 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	.203	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 32 18:40:22 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	2.01	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 33 18:41:53 11 Nov 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.005	.200	ppb	.000

Wet Chemistry Data

Wet Chemistry Analysis

Client Sample No.: IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A8E03401

% Solids: 0.0 Date Samp/Recv: 11/05/2008 11/05/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Soluble Organic Carbon	MG/L	4.8				5310 D	11/11/2008
Total Suspended Solids	MG/L	160				2540D	11/08/2008

Comments:

Laboratory: A
oject Manager: BJF

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	E T
Fraction: WC																
in Corporation	NY1A8693	2	Soluble Organic Carbon	EQL	SM20	5310 D	CTA13971	W	MG/L		1.00000	0.36000	N			
in Corporation	NY1A8693	2	Total Suspended Solids	EQL	SM20	2540D	CTA13972	W	MG/L		4.00000	4.00000	N			

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- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

SAMPLE DATE 11/05/2008

ient Sample ID: IWS-MS1-110508-LCRS IWS-MS1-110508-LCRS IWS-MS1-110508-LCRS
Lab Sample ID: A8E03401 A8E03401MS A8E03401SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS RPD	QC LIMITS REC.
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg			
ET CHEMISTRY ANALYSIS												
OLIN - 5310 D - SOLUBLE ORGANIC CARBON	MG/L	4.77	24.40	26.03	20.00	20.00	98	106	102	8	20.0	54-131

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Indicates Result is outside QC Limits
C = Not Calculated ND = Not Detected

.ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2569002 A8B2569001

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
/ET CHEMISTRY ANALYSIS					
OLIN - 2540D - TOTAL SUSPENDED SOLIDS	MG/L	641.0	706.0	91	88-110

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* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2584802 A8B2584801

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
ET CHEMISTRY ANALYSIS					
OLIN - 5310 D - SOLUBLE ORGANIC CARBON	MG/L	28.92	30.00	96	90-110

331/356

' Indicates Result is outside QC Limits
IC = Not Calculated ND = Not Detected

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2584802 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 11/11/2008 Time Analyzed (1): 20:47

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	IWS-MS1-110508-LCRS	A8E03401	11/11/2008	20:47
2	IWS-MS1-110508-LCRS	A8E03401MS	11/11/2008	20:47
3	IWS-MS1-110508-LCRS	A8E03401SD	11/11/2008	20:47
4	LCS	A8B2584801	11/11/2008	20:47

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A8B2584802

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Soluble Organic Carbon	MG/L	1.0	U			5310 D	11/11/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2569002 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 11/08/2008 Time Analyzed (1): 12:10

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	IWS-MS1-110508-LCRS	A8E03401	11/08/2008	12:10
2	LCS	A8B2569001	11/08/2008	12:10

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A8B2569002

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Suspended Solids	MG/L	4.0	U			2540D	11/08/2008

Comments:

_____

_____

_____

_____

Wet Chemistry Raw Data

WET CHEMISTRY BATCH SUMMARY

PARAMETER TSS METHOD 2540D BATCH ABB25690

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant? YES NO (NA) IF NO, Why? _____
LCS/CCV Compliant? (YES) NO NA IF NO, Why? _____
CCB Compliant? (YES) NO NA IF NO, Why? _____
RPD Compliant? (YES) NO NA IF NO, Why? _____
ERA Compliant? YES NO (NA) IF NO, Why? _____

NUMBER of REANALYSIS FOR THIS BATCH: 0

Analyst JM Date 11/8/08

Time Critical Batch Review _____ Date _____

Secondary Review & Closure _____ Date _____

Laboratory Bench Sheet
Total Suspended Solids
Revision 3 - November 2007

Analyst:	JM	LCS Information:				SRM Information:				BATCH #	A8B25690	
Start Date	11/8/2008	Lot #	A00WCR13-16			Lot #						
Start Time:	12:10	Prep Date:				Prep Date:						
End Date:	11/8/2008	Concentration (mg/L)				Concentration (mg/L):						
End Time:	13:10	Expiration Date:				Expiration Date:						
SOP Information		LCS	True value:			SRM		True value				
Number:	AWC-160.2-36				Oven #1	Initial Temp	105	Oven # 4	Initial Temp			
		RV:				Final Temp			Final Temp			
		EQL:	4.0	mg/L		Oven Temperature Range= 103-105						

Job#	Sample ID	CCV	Dish	Sample	Pre-wt.	# 1 Post Wt	# 2 Post Wt	# 3 Post Wt	Dilution	Post wt-Pre wt	Final Conc.	% Rec.
		True		Amount	(g)	(g)	(g)	(g)		(mg)	(mg/L)	
		Value		(mL)								
	LCS	706	1	100.0	2.7553	2.8195	2.8194		10.00	64.1	641.0	91%
	MBLK		2	1000.0	2.7425	2.7415	2.7415		1.00	-1.0	ND	
D964	08		3	250.0	2.7336	2.7343	2.7345		4.00	0.9	3.6	
D966	01		4	250.0	2.7723	2.7765	2.7765		4.00	4.2	16.8	
	02		5	250.0	2.7594	2.7595	2.7594		4.00	0.0	0.0	
D969	01	DARK	6	30.0	2.7510	2.8095	2.8096		33.33	58.6	1953.3	
D994	01		7	250.0	2.7332	2.7318	2.7321		4.00	-1.1	ND	
	02		8	250.0	2.7412	2.7404	2.7405		4.00	-0.7	ND	
	03		9	250.0	2.7310	2.7313	2.7315		4.00	0.5	2.0	
	04		10	250.0	2.7330	2.7334	2.7335		4.00	0.5	2.0	
	05		11	250.0	2.7455	2.7448	2.7447		4.00	-0.8	ND	
E047	01		12	250.0	2.7550	2.7548	2.7548		4.00	-0.2	ND	
E080	01	DARK	13	160.0	2.7482	2.7597	2.7600		6.25	11.8	73.7	
E095	01	THICK	14	200.0	2.7579	2.8086	2.8086		5.00	50.7	253.5	
E203	05		15	250.0	2.7591	2.7574	2.7575		4.00	-1.6	ND	
	06		16	250.0	2.7529	2.7514	2.7513		4.00	-1.6	ND	

login approval

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Analyst:	JM	LCS Information:			SRM Information:			BATCH #	A8B25690
Start Date	11/8/2008	Lot #	A00WCR13-16		Lot #				
Start Time:	12:10	Prep Date:			Prep Date:				
End Date:	11/8/2008	Concentration (mg/L)			Concentration (mg/L):				
End Time:	13:10	Expiration Date:			Expiration Date:				
SOP Information		LCS	True value:		SRM		True value		
Number:	AWC-160.2-36			Oven #1	Initial Temp	105	Oven # 4	Initial Temp	
		RV:			Final Temp			Final Temp	
		EQL:	4.0 mg/L		Oven Temperature Range= 103-105				

Job#	Sample ID	CCV True Value	Dish	Sample Amount (mL)	Pre-wt. (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.
E034	01		17	250.0	2.7367	2.7765	2.7767		4.00	40.0	160.0	
E066	01		18	250.0	2.7492	2.7485	2.7487		4.00	-0.5	ND	
NO TSS →	02		19	250.0	2.7653	2.7655	2.7656		4.00	0.3	1.2	
	03		20	250.0	2.7508	2.7511	2.7513		4.00	0.5	2.0	RPD=ND
	03MD		21	250.0	2.7325	2.7320	2.7320		4.00	-0.5	ND	
	05		22	250.0	2.7601	2.7669	2.7671		4.00	7.0	28.0	
	LCS	660	23	100.0	2.7538	2.8159	2.8161		10.00	62.3	623.0	94%
	MBLK		24	1000.0	2.7586	2.7552	2.7555		1.00	-3.1	ND	
			25	250.0					4.00	0.0	0.0	
			26	250.0					4.00	0.0	0.0	
			27	250.0					4.00	0.0	0.0	
			28	250.0					4.00	0.0	0.0	
			29	250.0					4.00	0.0	0.0	
			30	250.0					4.00	0.0	0.0	
			31	250.0					4.00	0.0	0.0	
			32	250.0					4.00	0.0	0.0	

WET CHEMISTRY BATCH SUMMARY

PARAMETER TOX METHOD 9060 5310D BATCH 88B25848

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant?	~~YES~~	NO	(NA)	IF NO, Why?
LCS/CCV Compliant?	(~~YES~~)	NO	NA	IF NO, Why?
CCB Compliant?	(~~YES~~)	NO	NA	IF NO, Why?
RPD Compliant?	(YES)	NO	NA	IF NO, Why?
ERA Compliant?	YES	NO	(NA)	IF NO, Why?

NUMBER of REANALYSIS FOR THIS BATCH: 4

Analyst KD Date 11/13/08

Time Critical Batch Review _____ Date _____

Secondary Review & Closure JM Date 11/15/08

WC Summary Rev5 / 05-2008

	Rinse	Dilution	Reps
1			
2	LCS		2
3	MBLK		
4	D954Q1		
5	01MD		
6	06		
7	06MS		
8	07		
9	08		
10	09		
11	10		
12	11		
13	12		
14	LCS		
15	MBLK		
16	D954I3		
17	14		
18	15		
19	16		
20	17		
21	18		
22	19		
23	D994Q1		
24	02		
25	03		
26	LCS		
27	MBLK		
28	D994Q4		
29	05		
30	E05961		
31	02		
32	E29261		
33	02		
34	03		
35	04		
36	05		
37	06		
38	LCS		
39	MBLK		
40	E29207		
41	E03401		
42	01MS		
43	01SD		
44	E10601		
45	02		
46	03		
47	E12301		
48	02		
49	03		
50	LCS		
51	MBLK		

Date: 11/1/08

Analyst: RP Greene

Batch# 1585848

Instrument # 1010

LCS = ERA Lot#

Actual value=

Range=

Date of Curve= 10-31-08

Range of Curve: 0-50ppm

1215766

Solutions C-20-G
12-26-C
D-16-C
D-16-B

pH Checked: ✓

****
** CALIBRATION **
****

103108 CURVE Fri Oct 31 21:42:40 2008

Std. #	Used	Conc. (ppm)	Volume (mL)
1	Yes	0.000	1.000
2	Yes	1.000	1.000
3	Yes	5.000	1.000
4	Yes	25.000	1.000
5	Yes	50.000	1.000

RF (ugC/k-cts):	1.410
R-Squared:	0.9995
Offset (cts):	387
Offset (ugC):	-0.546
Calibration Mode:	TOC
Allow Editing:	No

Rep	Std. 1	Std. 2	Std. 3	Std. 4	Std. 5
1	213	959	3967	18500	35840
2	233	992	3994	19026	35649
3	-	-	-	-	-
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-

(* = unused)

****
** SEQUENCE **
****

111108 Tue Nov 11 20:36:04 2008

Pos/ Vial	Sample Name	Method	Run Type	# Rep	Vol (mL)	# Blk	Dil Fact	Ovr Rng	Remarks
1	RINSE	default	Sample	6	1.000	4	1.00	No	
2	LCS	default	Chk. 1	2	1.000	0	1.00	No	
3	MBLK	default	Sample	2	1.000	0	1.00	No	
4	D95404	default	Sample	2	1.000	0	1.00	No	
5	D95404MD	default	Sample	2	1.000	0	1.00	No	
6	D95406	default	Sample	2	1.000	0	1.00	No	
7	D95406MS	default	Sample	2	1.000	0	1.00	No	
8	D95407	default	Sample	2	1.000	0	1.00	No	
9	D95408	default	Sample	2	1.000	0	1.00	No	
10	D95409	default	Sample	2	1.000	0	1.00	No	
11	D95410	default	Sample	2	1.000	0	1.00	No	
12	D95411	default	Sample	2	1.000	0	1.00	No	
13	D95412	default	Sample	2	1.000	0	1.00	No	
14	LCS	default	Chk. 1	2	1.000	0	1.00	No	
15	MBLK	default	Sample	2	1.000	0	1.00	No	
16	D95413	default	Sample	2	1.000	0	1.00	No	
17	D95414	default	Sample	2	1.000	0	1.00	No	
18	D95415	default	Sample	2	1.000	0	1.00	No	
19	D95416	default	Sample	2	1.000	0	1.00	No	
20	D95417	default	Sample	2	1.000	0	1.00	No	
21	D95418	default	Sample	2	1.000	0	1.00	No	
22	D95419	default	Sample	2	1.000	0	1.00	No	
23	D99401	default	Sample	2	1.000	0	1.00	No	
24	D99402	default	Sample	2	1.000	0	1.00	No	
25	D99403	default	Sample	2	1.000	0	1.00	No	
26	LCS	default	Chk. 1	2	1.000	0	1.00	No	
27	MBLK	default	Sample	2	1.000	0	1.00	No	
28	D99404	default	Sample	2	1.000	0	1.00	No	
29	D99405	default	Sample	2	1.000	0	1.00	No	
30	E05901	default	Sample	2	1.000	0	1.00	No	
31	E05902	default	Sample	2	1.000	0	1.00	No	
32	E29201-F	default	Sample	2	1.000	0	1.00	No	
33	E29202-F	default	Sample	2	1.000	0	1.00	No	
34	E29203-F	default	Sample	2	1.000	0	1.00	No	
35	E29204-F	default	Sample	2	1.000	0	1.00	No	
36	E29205-F	default	Sample	2	1.000	0	1.00	No	
37	E29206-F	default	Sample	2	1.000	0	1.00	No	
38	LCS	default	Chk. 1	2	1.000	0	1.00	No	
39	MBLK	default	Sample	2	1.000	0	1.00	No	
40	E29207-F	default	Sample	2	1.000	0	1.00	No	
41	E03401	default	Sample	2	1.000	0	1.00	No	
42	E03401MS	default	Sample	2	1.000	0	1.00	No	
43	E03401SD	default	Sample	2	1.000	0	1.00	No	
44	E10601	default	Sample	2	1.000	0	1.00	No	

****
** SEQUENCE **
****

111108 Tue Nov 11 20:36:04 2008

Pos/ Vial	Sample Name	Method	Run Type	# Rep	Vol (mL)	# Blk	Dil Fact	Ovr Rng	Remarks
45	E10602	default	Sample	2	1.000	0	1.00	No	
46	E10603	default	Sample	2	1.000	0	1.00	No	
47	E12301	default	Sample	2	1.000	0	1.00	No	
48	E12302	default	Sample	2	1.000	0	1.00	No	
49	E12303	default	Sample	2	1.000	0	1.00	No	
50	LCS	default	Chk. 1	2	1.000	0	1.00	No	
51	MBLK	default	Sample	2	1.000	0	1.00	No	

****
** METHODS **
****

DEFAULT Wed May 09 12:11:10 2007

Acid Volume:	200 uL	Rinse Volume (mL):	10
Oxidant Volume:	1000 uL	Rinses Per Rep:	1
Auto-Repeat Time:	00:00:00 (hr:min:sec)	Rinses Per Sample:	1

	TIC	TOC	TC
React: (min:sec):	02:00	02:30	02:30
Detect: (min:sec):	01:35	01:45	01:30

```
**********************************************************************
**                   OI Analytical Model 1010 TOC                   **
**                              RUN SETUP                           **
**********************************************************************

Operator:    Unknown
Data Path:  C:\PROGRA~1\OIANAL~1\TOCREP~1\DATA10\111108_2
WinTOC Version:  5.2                          Firmware Version:   5.2
WinTOC Revision:  rev 241                        Firmware Revision:  rev 365

Report To File:  Enabled                      Naming Mode:  Automatic
Prefix:  x     Index:  816
```

****
** CONFIGURATION **
****

Analysis Mode: TIC/TOC Spl Intro: Autosampler 53
Remote Start : OFF

Loop Size: 1 mL	Actual Volume	1mL	5mL	10mL	25mL
	Loop A (uL):	1000	5000	10000	25000
	Loop B (uL):	1010	5000	10000	25000

Tray Type: 53 Vial Vial Option: Septum Piercing
Needle Depth: 96 % Preacid Volume (uL): 000
Wash Needle Depth: 94 % Preacid Purge Time (min:sec): 0:00

	TIC	TOC	TC
Blank	----	----	----
Average:	293	157	150

Linearization Coeff: 58000

Sample Transfer Times (sec)

	Initial Fill			Loop Fill			Sample Inject
	Non-AS	AS	AS w/Sep	Non-AS	AS	AS w/Sep	(all)
1mL:	6.0	4.5	3.5	1.2	1.2	1.0	4.5
5mL:	8.1	7.2	6.8	5.1	5.1	4.2	9.3
10mL:	14.2	12.2	11.0	10.5	10.5	11.0	16.5
25mL:	35.0	35.0	32.0	n/a	n/a	n/a	38.0

Analog Concentration Signal indicates TIC
Analog Conc. Signal Timer is OFF, Timer duration (h:m:s): 00:00:00
Min Signal Range: 0.000 ppmC, Max Signal Range: 0.000 ppmC

Alarms DISABLED
Alarm Relay Timer is OFF, Timer duration (h:m:s): 00:00:00

Conc. Alarm Setpoints (ppm C)

	Low	High
TIC:	0.000	0.000
TOC:	0.000	0.000
TC:	0.000	0.000

Pos/ Vial	Run Type	Rep #	Run Date	Run Time	TIC Area (cts)	TIC Mass (ugC)	TIC Conc (ppm)	TOC Area (cts)	TOC Mass (ugC)	TOC Conc (ppm)	TC Area (cts)	TC Mass (ugC)	TC Conc (ppm)
1	Blk	1	11Nov2008	20:47	553	-	-	1162	-	-	-	-	-
1	Blk	2	11Nov2008	20:57	325	-	-	398	-	-	-	-	-
1	Blk	3	11Nov2008	21:07	657	-	-	191	-	-	-	-	-
1	Blk	4	11Nov2008	21:17	210	-	-	291	-	-	-	-	-
** Spl		Name: RINSE					Data File: x817						
		Remarks: <none>											
1	Spl	1	11Nov2008	21:27	256	0.000	0.000	368	0.106	0.105	-	-	-
1	Spl	2	11Nov2008	21:36	297	0.000	0.000	247	0.000	0.000	-	-	-
1	Spl	3	11Nov2008	21:46	331	0.000	0.000	366	0.103	0.102	-	-	-
1	Spl	4	11Nov2008	21:56	193	0.000	0.000	314	0.030	0.030	-	-	-
1	Spl	5	11Nov2008	22:05	307	0.000	0.000	282	0.000	0.000	-	-	-
1	Spl	6	11Nov2008	22:15	194	0.000	0.000	300	0.010	0.010	-	-	-
1	Spl	Avg			263	0.000	0.000	312	0.028	0.028			
1	Spl	SDev			59.036			47.583					
1	Spl	%RSD			22.45			15.21					
** Chk1		Name: LCS					Data File: x818						
		Remarks: <none>											
2	Chk1	1	11Nov2008	22:25	-	-	-	21130	29.239	29.094	-	-	-
2	Chk1	2	11Nov2008	22:35	-	-	-	20892	28.904	28.760	-	-	-
2	Chk	Avg						21011	29.072	28.927			
2	Chk	SDev						168.291					
2	Chk	%RSD						0.80					
** Spl		Name: MBLK					Data File: x819						
		Remarks: <none>											
3	Spl	1	11Nov2008	22:45	329	0.000	0.000	340	0.066	0.066	-	-	-
3	Spl	2	11Nov2008	22:55	290	0.000	0.000	346	0.075	0.074	-	-	-
3	Spl	Avg			309	0.000	0.000	343	0.070	0.070			
3	Spl	SDev			27.577			4.243					
3	Spl	%RSD			8.91			1.24					
** Spl		Name: D95404					Data File: x820						
		Remarks: <none>											
4	Spl	1	11Nov2008	23:05	55238	77.306	76.921	1285	1.398	1.391	-	-	-
4	Spl	2	11Nov2008	23:15	55512	77.692	77.305	1301	1.421	1.414	-	-	-
4	Spl	Avg			55375	77.499	77.113	1293	1.410	1.403			
4	Spl	SDev			193.747			11.314					
4	Spl	%RSD			0.35			0.88					
** Spl		Name: D95404MD					Data File: x821						
		Remarks: <none>											
5	Spl	1	11Nov2008	23:25	54279	75.954	75.576	1312	1.436	1.429			
5	Spl	2	11Nov2008	23:35	54726	76.584	76.203	1285	1.398	1.391			
5	Spl	Avg			54502	76.269	75.890	1298	1.417	1.410			
5	Spl	SDev			316.077			19.092					
5	Spl	%RSD			0.58			1.47					
** Spl		Name: D95406					Data File: x822						

96% @ 30PPM

RPD = 0.5%

Remarks: <none>

6	Spl	1 11Nov2008 23:45	20830	28.803	28.660	366	0.103	0.102	-	-	-
6	Spl	2 11Nov2008 23:55	20786	28.741	28.598	315	0.031	0.031	-	-	-
6	Spl	Avg	20808	28.772	28.629	340	0.067	0.067			
6	Spl	SDev	31.113			36.062					
6	Spl	%RSD	0.15			10.59					

** Spl Name: D95406MS Data File: x823
Remarks: <none>

7	Spl	1 12Nov2008 00:05	22216	30.757	30.604	13412	18.493	18.401	-	-	-
7	Spl	2 12Nov2008 00:14	22032	30.497	30.346	12899	17.770	17.681	-	-	-
7	Spl	Avg	22124	30.627	30.475	13155	18.131	18.041			
7	Spl	SDev	130.108			362.746					
7	Spl	%RSD	0.59			2.76					

90%

** Spl Name: D95407 Data File: x824
Remarks: <none>

8	Spl	1 12Nov2008 00:25	57346	80.277	79.878	795	0.708	0.704	-	-	-
8	Spl	2 12Nov2008 00:34	55267	77.347	76.962	825	0.750	0.746	-	-	-
8	Spl	Avg	56306	78.812	78.420	810	0.729	0.725			
8	Spl	SDev	1470.075			21.213					
8	Spl	%RSD	2.61			2.62					

** Spl Name: D95408 Data File: x825
Remarks: <none>

9	Spl	1 12Nov2008 00:45	107409	150.848	150.097	3132	4.002	3.982	-	-	-
9	Spl	2 12Nov2008 00:54	110088	154.624	153.855	3497	4.516	4.494	-	-	-
9	Spl	Avg	108748	152.736	151.976	3314	4.259	4.238			
9	Spl	SDev	1894.339			258.094					
9	Spl	%RSD	1.74			7.79					

** Spl Name: D95409 Data File: x826
Remarks: <none>

10	Spl	1 12Nov2008 01:05	19874	27.455	27.319	416	0.173	0.172	-	-	-
10	Spl	2 12Nov2008 01:14	19192	26.494	26.362	427	0.189	0.188	-	-	-
10	Spl	Avg	19533	26.975	26.841	421	0.181	0.180			
10	Spl	SDev	482.247			7.778					
10	Spl	%RSD	2.47			1.85					

** Spl Name: D95410 Data File: x827
Remarks: <none>

11	Spl	1 12Nov2008 01:25	142072	199.710	198.716	1982	2.381	2.369	-	-	-
11	Spl	2 12Nov2008 01:34	139032	195.425	194.452	1908	2.277	2.265	-	-	-
11	Spl	Avg	140552	197.567	196.584	1945	2.329	2.317			
11	Spl	SDev	2149.605			52.326					
11	Spl	%RSD	1.53			2.69					

** Spl Name: D95411 Data File: x828
Remarks: <none>

12	Spl	1 12Nov2008 01:45	27251	37.854	37.666	748	0.641	0.638	-	-	-
12	Spl	2 12Nov2008 01:54	26823	37.251	37.066	618	0.458	0.456	-	-	-
12	Spl	Avg	27037	37.553	37.366	683	0.550	0.547			

12	Spl	SDev	302.642			91.924					
12	Spl	%RSD	1.12			13.46					

** Spl Name: D95412 Data File: x829
Remarks: <none>

13	Spl	1 12Nov2008 02:04	91960	129.070	128.428	3636	4.712	4.689	-	-	-
13	Spl	2 12Nov2008 02:14	94410	132.524	131.865	3812	4.961	4.936	-	-	-
13	Spl	Avg	93185	130.797	130.146	3724	4.836	4.812			
13	Spl	SDev	1732.412			124.451					
13	Spl	%RSD	1.86			3.34					

** Chk1 Name: LCS Data File: x830
Remarks: <none>

14	Chk1	1 12Nov2008 02:24	-	-	-	20840	28.831	28.687	-	-	-
14	Chk1	2 12Nov2008 02:34	-	-	-	21390	29.606	29.459	-	-	-
14	Chk	Avg				21115	29.218	29.073			
14	Chk	SDev				388.909					
14	Chk	%RSD				1.84					

97% @ 30ppm

** Spl Name: MBLK Data File: x831
Remarks: <none>

15	Spl	1 12Nov2008 02:44	435	0.054	0.053	301	0.011	0.011	-	-	-
15	Spl	2 12Nov2008 02:54	339	0.000	0.000	268	0.000	0.000	-	-	-
15	Spl	Avg	387	0.000	0.000	284	0.000	0.000			
15	Spl	SDev	67.882			23.335					
15	Spl	%RSD	17.54			8.20					

** Spl Name: D95413 Data File: x832
Remarks: <none>

16	Spl	1 12Nov2008 03:04	3816	4.820	4.796	262	0.000	0.000	-	-	-
16	Spl	2 12Nov2008 03:14	3877	4.906	4.881	227	0.000	0.000	-	-	-
16	Spl	Avg	3846	4.863	4.838	244	0.000	0.000			
16	Spl	SDev	43.134			24.749					
16	Spl	%RSD	1.12			10.12					

** Spl Name: D95414 Data File: x833
Remarks: <none>

17	Spl	1 12Nov2008 03:24	5979	7.869	7.829	140	0.000	0.000	-	-	-
17	Spl	2 12Nov2008 03:34	5983	7.874	7.835	168	0.000	0.000	-	-	-
17	Spl	Avg	5981	7.871	7.832	154	0.000	0.000			
17	Spl	SDev	2.828			19.799					
17	Spl	%RSD	0.05			12.86					

** Spl Name: D95415 Data File: x834
Remarks: <none>

18	Spl	1 12Nov2008 03:44	4938	6.401	6.369	139	0.000	0.000	-	-	-
18	Spl	2 12Nov2008 03:54	4887	6.329	6.298	125	0.000	0.000	-	-	-
18	Spl	Avg	4912	6.365	6.333	132	0.000	0.000			
18	Spl	SDev	36.062			9.899					
18	Spl	%RSD	0.73			7.50					

** Spl Name: D95416 Data File: x835

Remarks: <none>

19	Spl	1 12Nov2008 04:04	162280	228.196	227.061	3956	5.163	5.138	-	-	-
19	Spl	2 12Nov2008 04:14	162677	228.756	227.617	4129	5.407	5.380	-	-	-
19	Spl	Avg	162478	228.476	227.339	4042	5.285	5.259			
19	Spl	SDev	280.721			122.329					
19	Spl	%RSD	0.17			3.03					

** Spl Name: D95417 Data File: x836
Remarks: <none>

20	Spl	1 12Nov2008 04:24	23343	32.345	32.185	476	0.258	0.257	-	-	-
20	Spl	2 12Nov2008 04:33	23303	32.289	32.129	407	0.161	0.160	-	-	-
20	Spl	Avg	23323	32.317	32.157	441	0.209	0.208			
20	Spl	SDev	28.284			48.790					
20	Spl	%RSD	0.12			11.05					

** Spl Name: D95418 Data File: x837
Remarks: <none>

21	Spl	1 12Nov2008 04:44	59510	83.328	82.913	1831	2.168	2.157	-	-	-
21	Spl	2 12Nov2008 04:53	60588	84.847	84.425	1825	2.160	2.149	-	-	-
21	Spl	Avg	60049	84.088	83.669	1828	2.164	2.153			
21	Spl	SDev	762.261			4.243					
21	Spl	%RSD	1.27			0.23					

** Spl Name: D95419 Data File: x838
Remarks: <none>

22	Spl	1 12Nov2008 05:04	471	0.104	0.104	214	0.000	0.000	-	-	-
22	Spl	2 12Nov2008 05:13	397	0.000	0.000	144	0.000	0.000	-	-	-
22	Spl	Avg	434	0.052	0.052	179	0.000	0.000			
22	Spl	SDev	52.326			49.497					
22	Spl	%RSD	12.06			27.65					

** Spl Name: D99401 Data File: x839
Remarks: <none>

23	Spl	1 12Nov2008 05:23	355	0.000	0.000	392	0.140	0.139	-	-	-
23	Spl	2 12Nov2008 05:33	357	0.000	0.000	397	0.147	0.146	-	-	-
23	Spl	Avg	356	0.000	0.000	394	0.143	0.142			
23	Spl	SDev	1.414			3.536					
23	Spl	%RSD	0.40			0.90					

** Spl Name: D99402 Data File: x840
Remarks: <none>

24	Spl	1 12Nov2008 05:43	8950	12.057	11.997	319	0.037	0.036	-	-	-
24	Spl	2 12Nov2008 05:53	9005	12.134	12.074	354	0.086	0.086	-	-	-
24	Spl	Avg	8977	12.095	12.035	336	0.061	0.061			
24	Spl	SDev	38.891			24.749					
24	Spl	%RSD	0.43			7.35					

** Spl Name: D99403 Data File: x841
Remarks: <none>

25	Spl	1 12Nov2008 06:03	35163	49.007	48.764	1276	1.386	1.379	-	-	-
25	Spl	2 12Nov2008 06:13	35315	49.222	48.977	1289	1.404	1.397	-	-	-
25	Spl	Avg	35239	49.114	48.870	1282	1.395	1.388			

25	Spl	SDev	107.480			9.192						
25	Spl	%RSD	0.31			0.72						

** Chk1 Name: LCS Data File: x842
Remarks: <none>

26	Chk1	1 12Nov2008 06:23	-	-	-	21303	29.483	29.337	-	-	-	
26	Chk1	2 12Nov2008 06:33	-	-	-	21063	29.145	29.000	-	-	-	
26	Chk	Avg				21183	29.314	29.168				
26	Chk	SDev				169.706						
26	Chk	%RSD				0.80						

97% @ 30PPM

** Spl Name: MBLK Data File: x843
Remarks: <none>

27	Spl	1 12Nov2008 06:43	414	0.024	0.024	321	0.039	0.039	-	-	-	
27	Spl	2 12Nov2008 06:53	305	0.000	0.000	299	0.008	0.008	-	-	-	
27	Spl	Avg	359	0.000	0.000	310	0.024	0.024				
27	Spl	SDev	77.075			15.556						
27	Spl	%RSD	21.44			5.02						

** Spl Name: D99404 Data File: x844
Remarks: <none>

28	Spl	1 12Nov2008 07:03	94785	133.053	132.391	2892	3.664	3.645	-	-	-	
28	Spl	2 12Nov2008 07:13	95976	134.731	134.061	2934	3.723	3.704	-	-	-	
28	Spl	Avg	95380	133.892	133.226	2913	3.693	3.675				
28	Spl	SDev	842.164			29.698						
28	Spl	%RSD	0.88			1.02						

** Spl Name: D99405 Data File: x845
Remarks: <none>

29	Spl	1 12Nov2008 07:23	91603	128.567	127.927	1546	1.766	1.758	-	-	-	
29	Spl	2 12Nov2008 07:33	90890	127.562	126.927	1459	1.644	1.635	-	-	-	
29	Spl	Avg	91246	128.065	127.427	1502	1.705	1.696				
29	Spl	SDev	504.167			61.518						
29	Spl	%RSD	0.55			4.09						

** Spl Name: E05901 Data File: x846
Remarks: <none>

30	Spl	1 12Nov2008 07:43	48059	67.186	66.852	3531	4.564	4.542	-	-	-	
30	Spl	2 12Nov2008 07:53	48217	67.409	67.073	3503	4.525	4.502	-	-	-	
30	Spl	Avg	48138	67.297	66.963	3517	4.545	4.522				
30	Spl	SDev	111.723			19.799						
30	Spl	%RSD	0.23			0.56						

** Spl Name: E05902 Data File: x847
Remarks: <none>

31	Spl	1 12Nov2008 08:03	97260	136.541	135.862	3277	4.206	4.185	-	-	-	
31	Spl	2 12Nov2008 08:12	98090	137.711	137.026	3136	4.008	3.988	-	-	-	
31	Spl	Avg	97675	137.126	136.444	3206	4.107	4.087				
31	Spl	SDev	586.899			99.702						
31	Spl	%RSD	0.60			3.11						

** Spl Name: E29201-F Data File: x848

Remarks: <none>

32	Spl	1 12Nov2008 08:23	10589	14.367	14.295	1137	1.190	1.184		-	-
32	Spl	2 12Nov2008 08:32	10239	13.874	13.805	878	0.825	0.821		-	-
32	Spl	Avg	10414	14.120	14.050	1007	1.007	1.002			
32	Spl	SDev	247.487			183.141					
32	Spl	%RSD	2.38			18.18					

delete

** Spl Name: E29202-F Data File: x849
Remarks: <none>

33	Spl	1 12Nov2008 08:43	8741	11.762	11.703	1093	1.128	1.122	-	-	-
33	Spl	2 12Nov2008 08:52	8633	11.610	11.552	1100	1.138	1.132	-	-	-
33	Spl	Avg	8687	11.686	11.628	1096	1.133	1.127			
33	Spl	SDev	76.368			4.950					
33	Spl	%RSD	0.88			0.45					

** Spl Name: E29203-F Data File: x850
Remarks: <none>

34	Spl	1 12Nov2008 09:03	10545	14.305	14.234	795	0.708	0.704	-	-	-
34	Spl	2 12Nov2008 09:12	10060	13.621	13.554	842	0.774	0.770	-	-	-
34	Spl	Avg	10302	13.963	13.894	818	0.741	0.737			
34	Spl	SDev	342.947			33.234					
34	Spl	%RSD	3.33			4.06					

** Spl Name: E29204-F Data File: x851
Remarks: <none>

35	Spl	1 12Nov2008 09:22	10158	13.759	13.691	773	0.677	0.673	-	-	-
35	Spl	2 12Nov2008 09:32	10171	13.778	13.709	832	0.760	0.756	-	-	-
35	Spl	Avg	10164	13.769	13.700	802	0.718	0.715			
35	Spl	SDev	9.192			41.719					
35	Spl	%RSD	0.09			5.20					

** Spl Name: E29205-F Data File: x852
Remarks: <none>

36	Spl	1 12Nov2008 09:42	3616	4.538	4.515	696	0.568	0.565	-	-	-
36	Spl	2 12Nov2008 09:52	3552	4.447	4.425	790	0.701	0.697	-	-	-
36	Spl	Avg	3584	4.493	4.470	743	0.634	0.631			
36	Spl	SDev	45.255			66.468					
36	Spl	%RSD	1.26			8.95					

** Spl Name: E29206-F Data File: x853
Remarks: <none>

37	Spl	1 12Nov2008 10:02	7998	10.715	10.661	695	0.567	0.564	-	-	-
37	Spl	2 12Nov2008 10:12	7673	10.257	10.205	533	0.338	0.337	-	-	-
37	Spl	Avg	7835	10.486	10.433	614	0.452	0.450			
37	Spl	SDev	229.810			114.551					
37	Spl	%RSD	2.93			18.66					

** Chk1 Name: LCS Data File: x854
Remarks: <none>

38	Chk1	1 12Nov2008 10:22	-	-	-	21082	29.172	29.027	-	-	-
38	Chk1	2 12Nov2008 10:32	-	-	-	20711	28.649	28.506	-	-	-
38	Chk	Avg				20896	28.910	28.766			

96%. @
30PPM

38	Chk	SDev				262.337						
38	Chk	%RSD				1.26						

** Spl Name: MBLK Data File: x855
Remarks: <none>

39	Spl	1 12Nov2008 10:42	337	0.000	0.000	401	0.152	0.152	-	-	-
39	Spl	2 12Nov2008 10:52	291	0.000	0.000	293	0.000	0.000	-	-	-
39	Spl	Avg	314	0.000	0.000	347	0.076	0.076			
39	Spl	SDev	32.527			76.368					
39	Spl	%RSD	10.36			22.01					

** Spl Name: E29207-F Data File: x856
Remarks: <none>

40	Spl	1 12Nov2008 11:02	7054	9.384	9.337	635	0.482	0.480	-	-	-
40	Spl	2 12Nov2008 11:12	6996	9.302	9.256	638	0.486	0.484	-	-	-
40	Spl	Avg	7025	9.343	9.297	636	0.484	0.482			
40	Spl	SDev	41.012			2.121					
40	Spl	%RSD	0.58			0.33					

** Spl Name: E03401 Data File: x857
Remarks: <none>

41	Spl	1 12Nov2008 11:22	49088	68.637	68.295	3700	4.803	4.779	-	-	-
41	Spl	2 12Nov2008 11:32	49442	69.136	68.792	3698	4.800	4.776	-	-	-
41	Spl	Avg	49265	68.886	68.543	3699	4.801	4.777			
41	Spl	SDev	250.316			1.414					
41	Spl	%RSD	0.51			0.04					

** Spl Name: E03401MS Data File: x858
Remarks: <none>

42	Spl	1 12Nov2008 11:42	51235	71.663	71.307	17610	24.411	24.289	-	-	-
42	Spl	2 12Nov2008 11:52	51677	72.286	71.926	17771	24.638	24.515	-	-	-
42	Spl	Avg	51456	71.975	71.617	17690	24.524	24.402			
42	Spl	SDev	312.541			113.844					
42	Spl	%RSD	0.61			0.64					

98%. @ w/ 20PPM 11/12/08

** Spl Name: E03401SD Data File: x859
Remarks: <none>

43	Spl	1 12Nov2008 12:02	48567	67.902	67.564	18623	25.839	25.710	-	-	-
43	Spl	2 12Nov2008 12:12	49377	69.044	68.700	19091	26.498	26.367			-
43	Spl	Avg	48972	68.473	68.132	18857	26.168	26.038			
43	Spl	SDev	572.756			330.926					
43	Spl	%RSD	1.17			1.75					

RPD = 6.5%.

106%. @ 20PPM

** Spl Name: E10601 Data File: x860
Remarks: <none>

44	Spl	1 12Nov2008 12:22	85464	119.913	119.317	1895	2.258	2.247	-	-	-
44	Spl	2 12Nov2008 12:32	82945	116.363	115.784	1966	2.358	2.347	-	-	-
44	Spl	Avg	84204	118.138	117.550	1930	2.308	2.297			
44	Spl	SDev	1781.202			50.205					
44	Spl	%RSD	2.12			2.60					

** Spl Name: E10602 Data File: x861

Remarks: <none>

45	Spl	1 12Nov2008 12:42	33864	47.176	46.942	979	0.967	0.962	-	-	-
45	Spl	2 12Nov2008 12:52	33801	47.087	46.853	940	0.912	0.908	-	-	-
45	Spl	Avg	33832	47.132	46.897	959	0.940	0.935			
45	Spl	SDev	44.548			27.577					
45	Spl	%RSD	0.13			2.87					

** Spl Name: E10603 Data File: x862
Remarks: <none>

46	Spl	1 12Nov2008 13:02	34490	48.059	47.820	920	0.884	0.879	-	-	-
46	Spl	2 12Nov2008 13:11	34831	48.539	48.298	938	0.909	0.905	-	-	-
46	Spl	Avg	34660	48.299	48.059	929	0.897	0.892			
46	Spl	SDev	241.123			12.728					
46	Spl	%RSD	0.70			1.37					

** Spl Name: E12301 Data File: x863
Remarks: <none>

47	Spl	1 12Nov2008 13:22	122514	172.140	171.284	1740	2.040	2.030	-	-	-
47	Spl	2 12Nov2008 13:31	99564	139.789	139.094	1928	2.305	2.293	-	-	-
47	Spl	Avg	111039	155.965	155.189	1834	2.172	2.161			
47	Spl	SDev	16228.101			132.936					
47	Spl	%RSD	14.61			7.25					

** Spl Name: E12302 Data File: x864
Remarks: <none>

48	Spl	1 12Nov2008 13:42	46776	65.377	65.052	481	0.265	0.264	-	-	-
48	Spl	2 12Nov2008 13:51	47628	66.578	66.247	550	0.362	0.361	-	-	-
48	Spl	Avg	47202	65.978	65.650	515	0.314	0.312			
48	Spl	SDev	602.455			48.790					
48	Spl	%RSD	1.28			9.46					

** Spl Name: E12303 Data File: x865
Remarks: <none>

49	Spl	1 12Nov2008 14:02	76388	107.120	106.587	870	0.813	0.809	-	-	-
49	Spl	2 12Nov2008 14:11	76952	107.915	107.378	944	0.918	0.913	-	-	-
49	Spl	Avg	76670	107.517	106.982	907	0.866	0.861			
49	Spl	SDev	398.808			52.326					
49	Spl	%RSD	0.52			5.77					

** Chk1 Name: LCS Data File: x866
Remarks: <none>

50	Chk1	1 12Nov2008 14:22	-	-	-	20510	28.365	28.224	-	-	-
50	Chk1	2 12Nov2008 14:31	-	-	-	20010	27.661	27.523	-	-	-
50	Chk	Avg				20260	28.013	27.874			
50	Chk	SDev				353.553					
50	Chk	%RSD				1.75					

93% @ 30PPM

** Spl Name: MBLK Data File: x867
Remarks: <none>

51	Spl	1 12Nov2008 14:42	366	0.000	0.000	256	0.000	0.000	-	-	-
51	Spl	2 12Nov2008 14:51	349	0.000	0.000	294	0.001	0.001	-	-	-
51	Spl	Avg	357	0.000	0.000	275	0.000	0.000			

51	Spl	SDev	12.021	26.870
51	Spl	%RSD	3.36	9.77

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
October 2008

Previous Integrator reading	102943

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Oct	102943	0	0	0	
2-Oct	102943	0	0	0	
3-Oct	102943	0	0	0	
4-Oct	102943	0	0	0	
5-Oct	102943	0	0	0	
6-Oct	102943	0	0	0	
7-Oct	102943	0	0	0	
8-Oct	102943	0	0	0	
9-Oct	102943	0	0	0	
10-Oct	102943	0	0	0	
11-Oct	102943	0	0	0	
12-Oct	102943	0	0	0	
13-Oct	102943	0	0	0	
14-Oct	102943	0	0	0	
15-Oct	102943	0	0	0	
16-Oct	102943	0	0	0	
17-Oct	102943	0	0	0	
18-Oct	102943	0	0	0	
19-Oct	102943	0	0	0	
20-Oct	102943	0	0	0	
21-Oct	102943	0	0	0	
22-Oct	102943	0	0	0	
23-Oct	102943	0	0	0	
24-Oct	102943	0	0	0	
25-Oct	102943	0	0	0	
26-Oct	102943	0	0	0	
27-Oct	102943	0	0	0	
28-Oct	102943	0	0	0	
29-Oct	102943	0	0	0	
30-Oct	102943	0	0	0	
31-Oct	102943				
Totals		0	0	0	

TOTAL NO. OF DISCHARGE DAYS = **0**

AVERAGE MONTHLY FLOW (GPD) = **0.00**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,0
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
November 2008

Previous Integrator reading	102943

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Nov	102943	0	0	0	
2-Nov	102943	0	0	0	
3-Nov	102943	0	0	0	
4-Nov	102943	0	0	0	
5-Nov	102949	6	6	0.000006	Ran pump manually during sample event.
6-Nov	102949	0	0	0	
7-Nov	102949	0	0	0	
8-Nov	102949	0	0	0	
9-Nov	102949	0	0	0	
10-Nov	102949	0	0	0	
11-Nov	102949	0	0	0	
12-Nov	102949	0	0	0	
13-Nov	102949	0	0	0	
14-Nov	102949	0	0	0	
15-Nov	102949	0	0	0	
16-Nov	102949	0	0	0	
17-Nov	102949	0	0	0	
18-Nov	102949	0	0	0	
19-Nov	102949	0	0	0	
20-Nov	102949	0	0	0	
21-Nov	102949	0	0	0	
22-Nov	102949	0	0	0	
23-Nov	102949	0	0	0	
24-Nov	102949	0	0	0	
25-Nov	102949	0	0	0	
26-Nov	102949	0	0	0	
27-Nov	102949	0	0	0	
28-Nov	102949	0	0	0	
29-Nov	102949	0	0	0	
30-Nov	102949	0	0	0	
Totals		6	6	0.000006	

TOTAL NO. OF DISCHARGE DAYS = **1**

AVERAGE MONTHLY FLOW (GPD) = **6.00**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
December 2008

Previous Integrator reading	102949

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Dec	102949	0	0	0	
2-Dec	102949	0	0	0	
3-Dec	102949	0	0	0	
4-Dec	102949	0	0	0	
5-Dec	102949	0	0	0	
6-Dec	102949	0	0	0	
7-Dec	102949	0	0	0	
8-Dec	102949	0	0	0	
9-Dec	102949	0	0	0	
10-Dec	102949	0	0	0	
11-Dec	103839	890	890	0.00089	
12-Dec	103839	0	0	0	
13-Dec	104724	885	885	0.000885	
14-Dec	104724	0	0	0	
15-Dec	105565	841	841	0.000841	
16-Dec	106455	890	890	0.00089	
17-Dec	106455	0	0	0	
18-Dec	107304	849	849	0.000849	
19-Dec	107304	0	0	0	
20-Dec	107304	0	0	0	
21-Dec	108127	823	823	0.000823	
22-Dec	108127	0	0	0	
23-Dec	108127	0	0	0	
24-Dec	108625	498	498	0.000498	
25-Dec	112089	3464	3464	0.003464	
26-Dec	113971	1882	1882	0.001882	
27-Dec	117501	3530	3530	0.00353	
28-Dec	122397	4896	4896	0.004896	
29-Dec	127280	4883	4883	0.004883	
30-Dec	130270	2990	2990	0.00299	
31-Dec	131597	1327	1327	0.001327	
Totals		28648	28,648	0.028648	

TOTAL NO. OF DISCHARGE DAYS = **14**

AVERAGE MONTHLY FLOW (GPD) = **2046.29**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,0
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
January 2009

Previous Integrator reading	131597

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Jan	133061	1464	1464	0.001464	
2-Jan	134436	1375	1375	0.001375	
3-Jan	134436	0	0	0	
4-Jan	134436	0	0	0	
5-Jan	136338	1902	1902	0.001902	
6-Jan	136338	0	0	0	
7-Jan	137505	1167	1167	0.001167	
8-Jan	137505	0	0	0	
9-Jan	138351	846	846	0.000846	
10-Jan	138351	0	0	0	
11-Jan	138351	0	0	0	
12-Jan	139205	854	854	0.000854	
13-Jan	139205	0	0	0	
14-Jan	139205	0	0	0	
15-Jan	139205	0	0	0	
16-Jan	139206	1	1	0.000001	
17-Jan	139206	0	0	0	
18-Jan	140274	1068	1068	0.001068	
19-Jan	140274	0	0	0	
20-Jan	140274	0	0	0	
21-Jan	140274	0	0	0	
22-Jan	140274	0	0	0	
23-Jan	140274	0	0	0	
24-Jan	140274	0	0	0	
25-Jan	140274	0	0	0	
26-Jan	140274	0	0	0	
27-Jan	140274	0	0	0	
28-Jan	140274	0	0	0	
29-Jan	140274	0	0	0	
30-Jan	140274	0	0	0	
31-Jan	140274	0	0	0	
Totals		8677	8,677	0.008677	

TOTAL NO. OF DISCHARGE DAYS = **8**

AVERAGE MONTHLY FLOW (GPD) = **1084.63**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH
   TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
February 2009

Previous Integrator reading	140274

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Feb	140274	0	0	0	
2-Feb	140274	0	0	0	
3-Feb	140274	0	0	0	
4-Feb	140274	0	0	0	
5-Feb	140274	0	0	0	
6-Feb	140274	0	0	0	
7-Feb	140274	0	0	0	
8-Feb	141463	1189	1189	0.001189	
9-Feb	142502	1039	1039	0.001039	
10-Feb	143583	1081	1081	0.001081	
11-Feb	146980	3397	3397	0.003397	
12-Feb	152039	5059	5059	0.005059	
13-Feb	157098	5059	5059	0.005059	
14-Feb	161043	3945	3945	0.003945	
15-Feb	163971	2928	2928	0.002928	
16-Feb	165171	1200	1200	0.0012	
17-Feb	166237	1066	1066	0.001066	
18-Feb	167664	1427	1427	0.001427	
19-Feb	168349	685	685	0.000685	
20-Feb	169651	1302	1302	0.001302	
21-Feb	169651	0	0	0	
22-Feb	170546	895	895	0.000895	
23-Feb	170546	0	0	0	
24-Feb	171439	893	893	0.000893	
25-Feb	171439	0	0	0	
26-Feb	172288	849	849	0.000849	
27-Feb	172562	274	274	0.000274	
28-Feb	173858	1296	1296	0.001296	
Totals		33584	33,584	0.033584	

TOTAL NO. OF DISCHARGE DAYS = **18**

AVERAGE MONTHLY FLOW (GPD) = **1865.78**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Industrial Welding Site
Packard Road
Niagara Falls, NY 14303
FLOWS
March 2009

Previous Integrator reading	173858

DATE	AUTODIALER READING	DIFFERENCE	GALS/ DAY (GPD)	MILLION GALS/ DAY (MGD)	COMMENTS
1-Mar	174883	1025	1025	0.001025	
2-Mar	175446	563	563	0.000563	
3-Mar	176335	889	889	0.000889	
4-Mar	176824	489	489	0.000489	
5-Mar	177718	894	894	0.000894	
6-Mar	177718	0	0	0	
7-Mar	178585	867	867	0.000867	
8-Mar	180861	2276	2276	0.002276	
9-Mar	183658	2797	2797	0.002797	
10-Mar	186602	2944	2944	0.002944	
11-Mar	189258	2656	2656	0.002656	
12-Mar	192732	3474	3474	0.003474	
13-Mar	194574	1842	1842	0.001842	
14-Mar	196705	2131	2131	0.002131	
15-Mar	197847	1142	1142	0.001142	
16-Mar	198797	950	950	0.00095	
17-Mar	199177	380	380	0.00038	
18-Mar	199713	536	536	0.000536	
19-Mar	200587	874	874	0.000874	
20-Mar	200587	0	0	0	
21-Mar	201464	877	877	0.000877	
22-Mar	201464	0	0	0	
23-Mar	201464	0	0	0	
24-Mar	202323	859	859	0.000859	
25-Mar	202323	0	0	0	
26-Mar	202323	0	0	0	
27-Mar	202323	0	0	0	
28-Mar	203145	822	822	0.000822	
29-Mar	203145	0	0	0	
30-Mar	203145	0	0	0	
31-Mar	203145	0	0	0	
Totals		29287	29,287	0.029287	

TOTAL NO. OF DISCHARGE DAYS = **21**

AVERAGE MONTHLY FLOW (GPD) = **1394.62**

NOTES:

1. AUTODIAL READING IS REPORTED DAILY (EVERY 24 HOURS) VIA FACSIMILE.
2. DIFFERENCE = (AUTODIALER READING FROM DAY 2) - (AUTODIALER READING FROM DAY 1).
3. GALLONS PER DAY (GPD) = DIRECT READING.
4. MILLION GALLONS PER DAY (MGD) = GPD/1,C
5. AVERAGE MONTHLY FLOW (GPD) = TOTAL GALLONS DISCHARGED DURING MONTH / TOTAL NO. OF DAYS OF DISCHARGE
6. Extraction well pump is set to go "on" at 564.93ft. And "off " at 564.43 ft.

PREPARED BY : Michael Walker

Olin Corporation Industrial Welding Site
Semiannual Monitoring Data - September, 2008

Lab Name : TestAmerica Laboratories Inc.
Job No: A08-A974
Date: 10/13/2008

Job No	Client Sample ID	Lab Smp ID	Samp Date	Recvd Date	Anal Date	CAS No	Parameter Name	Flags	Result	UM
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	10/7/2008	319-84-6	alpha-BHC	J	0.018	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	10/7/2008	319-85-7	beta-BHC	U	0.048	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	10/7/2008	319-86-8	delta-BHC	U	0.048	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	10/7/2008	58-89-9	gamma-BHC (Lindane)	J	0.012	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	91-57-6	2-Methylnaphthalene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	83-32-9	Acenaphthene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	208-96-8	Acenaphthylene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	120-12-7	Anthracene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	56-55-3	Benzo(a)anthracene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	50-32-8	Benzo(a)pyrene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	205-99-2	Benzo(b)fluoranthene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	191-24-2	Benzo(ghi)perylene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	207-08-9	Benzo(k)fluoranthene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	218-01-9	Chrysene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	53-70-3	Dibenzo(a,h)anthracene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	206-44-0	Fluoranthene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	86-73-7	Fluorene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	193-39-5	Indeno(1,2,3-cd)pyrene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	91-20-3	Naphthalene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	85-01-8	Phenanthrene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/12/2008	129-00-0	Pyrene	U	5	UG/L
A08-A974	IWS-MW1-090908	A8A97401	9/9/2008	9/9/2008	9/11/2008	7439-97-6	Mercury - Total	U	0.12	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	10/7/2008	319-84-6	alpha-BHC	J	0.076	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	10/7/2008	319-85-7	beta-BHC	U	0.24	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	10/7/2008	319-86-8	delta-BHC	U	0.24	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	10/7/2008	58-89-9	gamma-BHC (Lindane)	U	0.24	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	91-57-6	2-Methylnaphthalene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	83-32-9	Acenaphthene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	208-96-8	Acenaphthylene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	120-12-7	Anthracene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	56-55-3	Benzo(a)anthracene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	50-32-8	Benzo(a)pyrene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	205-99-2	Benzo(b)fluoranthene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	191-24-2	Benzo(ghi)perylene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	207-08-9	Benzo(k)fluoranthene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	218-01-9	Chrysene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	53-70-3	Dibenzo(a,h)anthracene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	206-44-0	Fluoranthene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	86-73-7	Fluorene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	193-39-5	Indeno(1,2,3-cd)pyrene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	91-20-3	Naphthalene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	85-01-8	Phenanthrene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/12/2008	129-00-0	Pyrene	U	5	UG/L
A08-A974	IWS-MW2-090908	A8A97402	9/9/2008	9/9/2008	9/11/2008	7439-97-6	Mercury - Total		9.5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	10/7/2008	319-84-6	alpha-BHC	U	0.048	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	10/7/2008	319-85-7	beta-BHC	U	0.048	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	10/7/2008	319-86-8	delta-BHC	U	0.048	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	10/7/2008	58-89-9	gamma-BHC (Lindane)	U	0.048	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	91-57-6	2-Methylnaphthalene	U	5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	83-32-9	Acenaphthene	U	5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	208-96-8	Acenaphthylene	U	5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	120-12-7	Anthracene	U	5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	56-55-3	Benzo(a)anthracene	J	0.4	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	50-32-8	Benzo(a)pyrene	U	5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	205-99-2	Benzo(b)fluoranthene	U	5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	191-24-2	Benzo(ghi)perylene	U	5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	207-08-9	Benzo(k)fluoranthene	U	5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	218-01-9	Chrysene	J	0.2	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	53-70-3	Dibenzo(a,h)anthracene	U	5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	206-44-0	Fluoranthene	J	2	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	86-73-7	Fluorene	U	5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	193-39-5	Indeno(1,2,3-cd)pyrene	U	5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	91-20-3	Naphthalene	U	5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	85-01-8	Phenanthrene	J	0.5	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/12/2008	129-00-0	Pyrene	J	0.9	UG/L
A08-A974	IWS-SD1-090908	A8A97403	9/9/2008	9/9/2008	9/11/2008	7439-97-6	Mercury - Total	U	0.12	UG/L

Olin Corporation Industrial Welding Site
Semiannual Monitoring Data - November, 2008

Lab Name : TestAmerica Laboratories Inc.
Job No: A08-E034
Date: 12/9/2008

Job No	Client Sample ID	Lab Smp ID	Samp Date	Recvd Date	Anal Date	CAS No	Parameter Name	Flags	Result	UM
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	12/1/2008	319-84-6	alpha-BHC	J	0.022	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	12/1/2008	319-85-7	beta-BHC		0.088	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	12/1/2008	319-86-8	delta-BHC	J	0.022	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	12/1/2008	58-89-9	gamma-BHC (Lindane)	U	0.049	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/11/2008	7439-97-6	Mercury - Total	N	3.7	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/7/2008	75-34-3	1,1-Dichloroethane	U	5	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/7/2008	107-06-2	1,2-Dichloroethane	U	5	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/7/2008	67-64-1	Acetone	U	11	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/7/2008	79-01-6	Trichloroethene	U	1.5	UG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/11/2008		Soluble Organic Carbon		4.8	MG/L
A08-E034	IWS-MS1-110508-LCRS	A8E03401	11/5/2008	11/5/2008	11/8/2008		Total Suspended Solids		160	MG/L
A08-E034	TRIP BLANK	A8E03402	11/5/2008	11/5/2008	11/7/2008	75-34-3	1,1-Dichloroethane	U	5	UG/L
A08-E034	TRIP BLANK	A8E03402	11/5/2008	11/5/2008	11/7/2008	107-06-2	1,2-Dichloroethane	U	5	UG/L
A08-E034	TRIP BLANK	A8E03402	11/5/2008	11/5/2008	11/7/2008	67-64-1	Acetone	U	11	UG/L
A08-E034	TRIP BLANK	A8E03402	11/5/2008	11/5/2008	11/7/2008	79-01-6	Trichloroethene	U	1.5	UG/L

FIELD DATA LOG FOR WATER ELEVATION MEASUREMENTS
Industrial Welding Site, Niagara Falls, New York

Name of Sampler: C Jones

Organization: Sevenson

Weather: 60 F Cloudy

Water Level Indicator Make: Solinst Model: 101 Serial No.: 29948

Location	Location ID	Date/Time Measured	Top of Riser Elevation (ft msl)	Measured Depth to Water (Feet Below Top of Riser)	Water Elevation (ft msl)
LCRS Stand Pipe	SP1	090908 1010		Dry at 16.75	
LCRS Stand Pipe	SP2	090908 1016		Dry at 14.30	
LCRS Recovery Well	LCRS1	090908 1024	573.43	9.08	
Cover Area Piezometer	P1R	090908 1013	582.10	Dry at 17.45	
East Easement Piezometer	P2R	090908 1418	572.17	9.05	
Cover Area Piezometer	P3R	090908 1018	581.90	Dry at 17.72	
East Easement Piezometer	P4R	090908 1414	571.09	Dry at 9.35	
Cover Area Piezometer	P5R	090908 1020	578.46	Dry at 14.00	
East Easement Piezometer	P6R	090908 1410	570.91	8.82	
NE Easement Monitoring Well	MW1	090908 1300	570.87	7.60	
SE Easement Monitoring Well	MW2	090908 1145	572.76	6.48	

COMMENTS:

FIELD DATA LOG FOR LCRS DISCHARGE SAMPLING
Industrial Welding Site, Niagara Falls, New York

Location ID: MS #1

Date: _____ Time: _____

Sampler(s) _____

Weather: _____

System Status (Check): On _____ Off _____

Sample ID: _____

Sampling Method: _____

Sample ID: _____

COMMENTS: Not Sampled this round.

FIELD DATA LOG FOR STORM WATER SAMPLING
Industrial Welding Site, Niagara Falls, New York

Location Description: Storm Drain Sample Point East of Catch Basin

Sampler(s): C Jones

Weather: 60 F cloudy

Date: 090908 Time: 1040

Sample ID: IWS-SD1-090908

Sampling Method: peristaltic pump/ dedicated tubing

Pipe Invert Elevation at Sample Point Riser (ft msl)	Measured Depth of Water Sample Point (ft)	Calculated Water Elevation - Sample Point (ft)	Outfall Invert Elevation (ft msl)	Measured Depth of Water Outfall Pipe (ft)	Calculated Outfall Water Elevation (ft msl)
566.16	.05		563.01	.81	

COMMENTS:

PH 7.20
COND 34.1 us
TEMP 15.9 C
TURB 1.2 NTU

Sampled at 1040 on 9/9/08 for BHC, PAH, and TOT mercury. MS MSD was taken here.

FIELD DATA LOG FOR GROUNDWATER SAMPLING
Industrial Welding Site, Niagara Falls, New York

Well ID: MW-1 Date: 090908
Sampler(s): C Jones
Weather: 60 F cloudy
Calibration of Field Equipment:

pH Meter:	Date:	090908	Time 1010
Spec. Conduct. Meter:	Date:	090908	Time 1018
Turbidity Meter:	Date:	090908	Time 1020

Purging Method/Sampling Method: peristaltic pump/ dedicated tubing

Sample ID: IWS-MW-1-090908

Well Purging Data:

Time	Water Level (Feet Below Top of Riser)	Volume Purged (Liters)	pH (Std. Units)	Specific Conductivity (Φmhos/cm)	Tem (EC)	Turbidity (NTUs)
1305	8.09	3	6.59	1301	18.0	4.6
1310	8.46	6	6.68	1342	17.9	3.2
1315	dry	7	6.70	1355	18.1	3.7

COMMENTS:
Sampled at 1350 on 09/09/08. Sampled for BHC, PAH, and TOT mercury. Well went dry during purge, well was sampled after recharge.

FIELD DATA LOG FOR GROUNDWATER SAMPLING
Industrial Welding Site, Niagara Falls, New York

Well ID: MW-2 Date: 090908

Sampler(s): C Jones

Weather: 60 F cloudy

Calibration of Field Equipment:

pH Meter:	Date:	090908	Time 1010
Spec. Conduct. Meter:	Date:	090908	Time 1018
Turbidity Meter:	Date:	090908	Time 1020

Purging Method/Sampling Method: peristaltic pump/ dedicated tubing

Sample ID: IWS-MW-2-090908

Well Purging Data:

Time	Water Level (Feet Below Top of Riser)	Volume Purged (Liters)	pH (Std. Units)	Specific Conductivity (Φmhos/cm)	Tem (EC)	Turbidity (NTUs)
1155	6.98	3	6.99	1901	17.3	3.6
1200	7.39	5	7.11	1929	17.1	2.3
1205	8.07	7	7.16	1933	17.0	2.0
1210	8.21	8.5	7.18	1940	17.1	2.5

COMMENTS:

Sampled at 1215 on 09/09/08. Sampled for BHC, PAH, and TOT mercury.

SEMI-ANNUAL INSPECTION REPORT FORM

DATE: **REPORT NO.:**

QUESTIONS	RESPONSE		COMMENTS AND RECOMMENDATIONS
	YES	NO	
1. Security Fence			
Is damage evident? If Yes, describe the type of damage(s), and indicate the location(s) the attached map.		X	
Are warning signs missing or damaged? If Yes, describe the type of damage and indicate the location(s) on the attached map.		X	
Is erosion evident under chain-link sections or around posts? If Yes, describe the type of erosion (rills, gullies, valleys, washouts), record approximate dimensions (length, width, depth) and indicate location(s) on the attached map.		X	
Has failure of any fencing members occurred? If Yes, describe the failure(s) and indicate location(s) on attached map.		X	
2. Vegetative Soil Cover			
Is settlement or standing water evident? If Yes, describe the degree of settlement(s) (slight, moderate, significant), record approximate dimensions, and indicate the location(s) on the attached map.		X	
Is erosion evident? If Yes, describe the type of erosion (rills, gullies, valleys, washouts, slope failure), record approximate dimensions (length, width, depth) and indicate location(s) on the attached map.		X	
Is vegetation distressed or are bare areas evident? If Yes, describe the type of disorder (distressed, sparsely vegetated, bare), record approximate dimensions and indicate location(s) on the attached map.		X	
Is any other damage evident? If Yes, describe the type of damage(s) and indicate the location(s) on the attached map.		X	
Are obstruction(s) (brush, debris, timber, leaves, sediment) interfering with the proper functioning of swales? Outlets from swales? If Yes, describe the type(s) of obstruction(s) and indicate the location(s) on the map attached. Is sediment deposited ins wales impending drainage? If Yes, record approximate dimensions and indicate location(s) on the attached map.		X	

QUESTIONS	RESPONSE		COMMENTS AND RECOMMENDATIONS
	YES	NO	
3. Surface Water Drainage System			
Are catch basin(s) damaged? If Yes, describe the catch basin inspected, conditions observed (spalling, cracking, exposed reinforcement, joint separation) and indicate location(s) of damaged catch basin(s) on the attached map.		X	
Are obstruction(s) (brush, debris, leaves, sediment) interfering with the proper functioning of the catch basin(s)? If Yes, describe the type(s) of obstruction(s) and indicated the location(s) on the attached map.		X	
Is erosion evident? If Yes, describe the drainage structure inspected (swale, outfall) the type of erosion (rills, gullies, valley, washouts, slope failure), record approximate dimensions (length, width, depth) and indicate location(s) on the attached map.		X	
Is sediment deposited in drainage pipe(s) deeper than 1/4 of the pipe diameter (shown on the contract drawings)? If Yes, record approximate dimension and indicate locations on the attached map.		X	
Is structural damage to headwalls evident? If Yes, describe the type of damage (upheaval, cracking, undermined, overturned, fractured, broken) and indicate damaged structures on the map.		X	
Have stones been dislodged at rip-rapped drainage outlet aprons? If Yes, record approximate dimensions and indicate location(s) on the attached map.		X	
4. Asphalt Concrete Cover System			
Is pavement distress evident? If Yes, describe (cracking, pothole(s), upheaval, failed patch), record the approximate dimensions (length, width, and depth) and indicate location(s) on the attached map.		X	
Is settlement or standing surface water evident? If Yes, describe the degree of settlement(s) (slight, moderate, significant), record approximate dimensions and indicate the location(s) on the attached map.		X	
Are obstructions present in the catch basins? If Yes, describe the obstacle(s) (leaves, brush, sediment) and indicate the location(s) on the map attached.		X	
Is sediment deposited in swale(s) impeding drainage? If Yes, record approximate dimensions and indicate location(s) on the map attached.		X	

QUESTIONS	RESPONSE		COMMENTS AND RECOMMENDATIONS
	YES	NO	
5. Leachate Collection and Recovery System			
Is standing water present at the LCRS cleanout? If Yes, describe the depth of the standing water.		X	
Is there evidence of any pipes or valves leaking at the recovery well? If Yes, describe the magnitude of the leak (drip, steady discharge, single overflow) and tag location(s) of leak(s).		X	
Is leachate extraction well pump operating properly based on visual inspection? If No, describe the condition.		X	
Is damage or degradation evident at the extraction well or stand pipe(s)? If Yes, describe the type of damage (vent/well riser cover missing, vent/well riser cracked, overturned, leaning, broken) and indicate damaged vent/well riser(s) on the map attached.	X		PROTECTIVE CASING ON MW-1 APPEARS TO HAVE BEEN HIT BY A BLADE.
Is damage or degradation evident at these system components? Extraction well pump and associated piping? Leachate collection pipe cleanout?		X	

Industrial Welding Site

Piezometer and Monitoring Well

INSPECTION FORM

Inspection of Well/Piezometer No.: SP-1

Date: 9/9/08

INSPECTOR: C Jones

YES	NO	
X		**Is the wellhead clearly labeled?**
X		**Is there a lock on the well?**
X		**Is the concrete pad around the well in good condition**
	X	**Has there been physical damage to the well?**
X		**Is the wellhead protected from standing water?**
	X	**Is there evidence of frost heave on the protective casing?**
	X	**Is there settlement around the well?**
X		**Is the well depth consistent with the installed depth?**

COMMENTS:

Industrial Welding Site

Piezometer and Monitoring Well

INSPECTION FORM

Inspection of Well/Piezometer No.: SP-2

Date: 9/09/08

INSPECTOR: C Jones

YES	NO	
X		**Is the wellhead clearly labeled?**
X		**Is there a lock on the well?**
X		**Is the concrete pad around the well in good condition**
	X	**Has there been physical damage to the well?**
X		**Is the wellhead protected from standing water?**
	X	**Is there evidence of frost heave on the protective casing?**
	X	**Is there settlement around the well?**
X		**Is the well depth consistent with the installed depth?**

COMMENTS:

Industrial Welding Site

Piezometer and Monitoring Well

INSPECTION FORM

Inspection of Well/Piezometer No.: P1R

Date: 9/09/08

INSPECTOR: C Jones

YES	NO	
X		**Is the wellhead clearly labeled?**
X		**Is there a lock on the well?**
X		**Is the concrete pad around the well in good condition**
	X	**Has there been physical damage to the well?**
X		**Is the wellhead protected from standing water?**
	X	**Is there evidence of frost heave on the protective casing?**
	X	**Is there settlement around the well?**
X		**Is the well depth consistent with the installed depth?**

COMMENTS:

Industrial Welding Site

Piezometer and Monitoring Well

INSPECTION FORM

Inspection of Well/Piezometer No.: P2R

Date: 09/09/08

INSPECTOR: C Jones

YES	NO	
X		**Is the wellhead clearly labeled?**
X		**Is there a lock on the well?**
X		**Is the concrete pad around the well in good condition**
	X	**Has there been physical damage to the well?**
X		**Is the wellhead protected from standing water?**
	X	**Is there evidence of frost heave on the protective casing?**
	X	**Is there settlement around the well?**
X		**Is the well depth consistent with the installed depth?**

COMMENTS:

Industrial Welding Site

Piezometer and Monitoring Well

INSPECTION FORM

Inspection of Well/Piezometer No.: P3R

Date: 09/09/08

INSPECTOR: C Jones

YES	NO	
X		**Is the wellhead clearly labeled?**
X		**Is there a lock on the well?**
X		**Is the concrete pad around the well in good condition**
	X	**Has there been physical damage to the well?**
X		**Is the wellhead protected from standing water?**
	X	**Is there evidence of frost heave on the protective casing?**
	X	**Is there settlement around the well?**
X		**Is the well depth consistent with the installed depth?**

COMMENTS:

Industrial Welding Site

Piezometer and Monitoring Well

INSPECTION FORM

Inspection of Well/Piezometer No.: P4R

Date: 09/09/08

INSPECTOR: C Jones

YES	NO	
X		**Is the wellhead clearly labeled?**
X		**Is there a lock on the well?**
X		**Is the concrete pad around the well in good condition**
	X	**Has there been physical damage to the well?**
X		**Is the wellhead protected from standing water?**
	X	**Is there evidence of frost heave on the protective casing?**
	X	**Is there settlement around the well?**
X		**Is the well depth consistent with the installed depth?**

COMMENTS:

Industrial Welding Site

Piezometer and Monitoring Well

INSPECTION FORM

Inspection of Well/Piezometer No.: P5R

Date: 09/09/08

INSPECTOR: C Jones

YES	NO	
X		**Is the wellhead clearly labeled?**
X		**Is there a lock on the well?**
X		**Is the concrete pad around the well in good condition**
	X	**Has there been physical damage to the well?**
X		**Is the wellhead protected from standing water?**
	X	**Is there evidence of frost heave on the protective casing?**
	X	**Is there settlement around the well?**
X		**Is the well depth consistent with the installed depth?**

COMMENTS:

Industrial Welding Site

Piezometer and Monitoring Well

INSPECTION FORM

Inspection of Well/Piezometer No.: P6R

Date: 09/09/08

INSPECTOR: C Jones

YES	NO	
X		**Is the wellhead clearly labeled?**
X		**Is there a lock on the well?**
X		**Is the concrete pad around the well in good condition**
	X	**Has there been physical damage to the well?**
X		**Is the wellhead protected from standing water?**
	X	**Is there evidence of frost heave on the protective casing?**
	X	**Is there settlement around the well?**
X		**Is the well depth consistent with the installed depth?**

COMMENTS:

Industrial Welding Site

Piezometer and Monitoring Well

INSPECTION FORM

Inspection of Well/Piezometer No.: MW-1

Date: 09/09/08

INSPECTOR: C Jones

YES	NO	
X		**Is the wellhead clearly labeled?**
X		**Is there a lock on the well?**
X		**Is the concrete pad around the well in good condition**
	X	**Has there been physical damage to the well?**
X		**Is the wellhead protected from standing water?**
	X	**Is there evidence of frost heave on the protective casing?**
	X	**Is there settlement around the well?**
X		**Is the well depth consistent with the installed depth?**

COMMENTS:

Industrial Welding Site

Piezometer and Monitoring Well

INSPECTION FORM

Inspection of Well/Piezometer No.: MW-2

Date: 09/09/08

INSPECTOR: C Jones

YES	NO	
X		**Is the wellhead clearly labeled?**
X		**Is there a lock on the well?**
X		**Is the concrete pad around the well in good condition**
	X	**Has there been physical damage to the well?**
X		**Is the wellhead protected from standing water?**
	X	**Is there evidence of frost heave on the protective casing?**
	X	**Is there settlement around the well?**
X		**Is the well depth consistent with the installed depth?**

COMMENTS:

FIELD DATA LOG FOR LCRS DISCHARGE SAMPLING
Industrial Welding Site, Niagara Falls, New York

Location ID: MS #1

Date: 11/5/08 Time: 10:00

Sampler(s) Chris Jones

Weather: Sunny 60 F

System Status (Check): On X auto Off _____

Sample ID: IWS-MS1-110508-LCRS

Sampling Method: grab

Sample ID: _____

COMMENTS:
Took samples of water from the LCRS, as per the O&M manual.
Field filtered water sample for SOC.
Packaged the sample bottles in ice and delivered them to the Lab via site truck.

COMMENTS:

SEMI-ANNUAL INSPECTION REPORT FORM			
DATE: 11/5/08	**REPORT NO.:**		
QUESTIONS	**RESPONSE**		**COMMENTS AND RECOMMENDATIONS**
	YES	**NO**	
1. Security Fence			
Is damage evident? If Yes, describe the type of damage(s), and indicate the location(s) the attached map.		X	
Are warning signs missing or damaged? If Yes, describe the type of damage and indicate the location(s) on the attached map.		X	
Is erosion evident under chain-link sections or around posts? If Yes, describe the type of erosion (rills, gullies, valleys, washouts), record approximate dimensions (length, width, depth) and indicate location(s) on the attached map.		X	
Has failure of any fencing members occurred? If Yes, describe the failure(s) and indicate location(s) on attached map.		X	
2. Vegetative Soil Cover			
Is settlement or standing water evident? If Yes, describe the degree of settlement(s) (slight, moderate, significant), record approximate dimensions, and indicate the location(s) on the attached map.		X	
Is erosion evident? If Yes, describe the type of erosion (rills, gullies, valleys, washouts, slope failure), record approximate dimensions (length, width, depth) and indicate location(s) on the attached map.		X	
Is vegetation distressed or are bare areas evident? If Yes, describe the type of disorder (distressed, sparsely vegetated, bare), record approximate dimensions and indicate location(s) on the attached map.		X	

SEMI-ANNUAL INSPECTION REPORT FORM

DATE: 11/5/08 **REPORT NO.:**

QUESTIONS	RESPONSE		COMMENTS AND RECOMMENDATIONS
	YES	NO	
Is any other damage evident? If Yes, describe the type of damage(s) and indicate the location(s) on the attached map.		X	
Are obstruction(s) (brush, debris, timber, leaves, sediment) interfering with the proper functioning of swales? Outlets from swales? If Yes, describe the type(s) of obstruction(s) and indicate the location(s) on the map attached. Is sediment deposited ins wales impending drainage? If Yes, record approximate dimensions and indicate location(s) on the attached map.		X	

QUESTIONS	RESPONSE		COMMENTS AND RECOMMENDATIONS
	YES	NO	
3. Surface Water Drainage System			
Are catch basin(s) damaged? If Yes, describe the catch basin inspected, conditions observed (spalling, cracking, exposed reinforcement, joint separation) and indicate location(s) of damaged catch basin(s) on the attached map.		X	
Are obstruction(s) (brush, debris, leaves, sediment) interfering with the proper functioning of the catch basin(s)? If Yes, describe the type(s) of obstruction(s) and indicated the location(s) on the attached map.		X	
Is erosion evident? If Yes, describe the drainage structure inspected (swale, outfall) the type of erosion (rills, gullies, valley, washouts, slope failure), record approximate dimensions (length, width, depth) and indicate location(s) on the attached map.		X	
Is sediment deposited in drainage pipe(s) deeper than 1/4 of the pipe diameter (shown on the contract drawings)? If Yes, record approximate dimension and indicate locations on the attached map.		X	
Is structural damage to headwalls evident? If Yes, describe the type of damage (upheaval, cracking, undermined, overturned, fractured, broken) and indicate damaged structures on the map.		X	
Have stones been dislodged at rip-rapped drainage outlet aprons? If Yes, record approximate dimensions and indicate location(s) on the attached map.		X	
4. Asphalt Concrete Cover System			

QUESTIONS	RESPONSE		COMMENTS AND RECOMMENDATIONS
	YES	NO	
3. Surface Water Drainage System			
Are catch basin(s) damaged? If Yes, describe the catch basin inspected, conditions observed (spalling, cracking, exposed reinforcement, joint separation) and indicate location(s) of damaged catch basin(s) on the attached map.		X	
Is pavement distress evident? If Yes, describe (cracking, pothole(s), upheaval, failed patch), record the approximate dimensions (length, width, and depth) and indicate location(s) on the attached map.		X	
Is settlement or standing surface water evident? If Yes, describe the degree of settlement(s) (slight, moderate, significant), record approximate dimensions and indicate the location(s) on the attached map.		X	
Are obstructions present in the catch basins? If Yes, describe the obstacle(s) (leaves, brush, sediment) and indicate the location(s) on the map attached.		X	
Is sediment deposited in swale(s) impeding drainage? If Yes, record approximate dimensions and indicate location(s) on the map attached.		X	

QUESTIONS	RESPONSE		COMMENTS AND RECOMMENDATIONS
	YES	NO	
5. Leachate Collection and Recovery System			
Is standing water present at the LCRS cleanout? If Yes, describe the depth of the standing water.		X	
Is there evidence of any pipes or valves leaking at the recovery well? If Yes, describe the magnitude of the leak (drip, steady discharge, single overflow) and tag location(s) of leak(s).		X	
Is leachate extraction well pump operating properly based on visual inspection? If No, describe the condition.	X		
Is damage or degradation evident at the extraction well or stand pipe(s)? If Yes, describe the type of damage (vent/well riser cover missing, vent/well riser cracked, overturned, leaning, broken) and indicate damaged vent/well riser(s) on the map attached.		X	

QUESTIONS	RESPONSE		COMMENTS AND RECOMMENDATIONS
	YES	NO	
Is damage or degradation evident at these system components? Extraction well pump and associated piping? Leachate collection pipe cleanout?		X	

Data Evaluation Narrative
Industrial Welding – November 2008 Groundwater Sampling Event
Matrix: Surface Water

SDG: A-08-E034 – Test America, Inc Laboratory, Amherst, NY

Deliverables

The data packages as submitted to Olin Corporation are complete as stipulated under the Quality Assurance Project Plan (QAPP) for USEPA Methods 245.1, 608, 624, SM 5310D and SM 2540D.

Sample Integrity

Samples within this sample delivery group (SDG) were submitted to the TestAmerica laboratory in Amherst, NY for total mercury, chlorinated pesticides, semi-volatiles total suspended solids and total and soluble organic carbon. The proper bottles and preservatives were used, the Chain of Custody was properly relinquished, and the correct analytical methods were employed. The sample coolers received at the laboratory measured 5.2°C, which is within the required temperature limit of 4°C ± 2°.

Sample Identification

This SDG contained the following water and quality control (QC) samples, collected on November 5, 2008.

SDG A-08-E034

Sample ID
MS1-110508LCRS

Total Mercury Analyses (Method 7470)

The samples in this SDG were submitted for total mercury analyses by USEPA Method 245.1.

Holding Times

The extraction and analytical logs indicate that applicable holding times were met for samples submitted for total mercury analyses. The holding time of 28 days as listed in the QAPP was met. All samples were analyzed within this holding time. No additional qualification of the data was required.

Practical Quantitation Limits

The practical quantitation limit (PQL) as stipulated in the QAPP was met for samples submitted for total mercury analysis. No additional qualification of the data was required.

Calibration

The initial and continuing calibration data for this SDG indicates that applicable calibration criteria were met for samples submitted for total mercury analysis. No additional qualification of the data was required.

Blank Summary

The analytical results of the laboratory method blanks indicate that total mercury was not detected. No additional qualification of the data was required.

Laboratory Control Sample and Standard Reference Material Check

The laboratory control sample (LCS) (ongoing precision and recovery [OPR] sample) spike recoveries and the standard reference material (SRM) check are within the applicable QC advisory limits as specified in the QAPP.

Matrix Spike/Matrix Spike Duplicate

Due to suspect matrix interference, the result of the matrix spike (MS1-110508LCRS/A8E03401) analyses exhibited a result below the acceptable QC limits as stipulated in the QAPP. The result of the MSD (MS1-110508LCRS/A8E03401) analyses was within the acceptable QC limits as stipulated in the QAPP. No additional qualification of the data was required.

Sampling Accuracy

The data was within applicable QC advisory limits; therefore no qualification was required.

Laboratory Duplicate Samples

The relative percent difference (RPD) for samples MS1-110508LCRS-MS (A8E03401MS) and MS1-110508LCRS-MSD (A8E03401MSD) were within applicable QC limits.

Field Duplicate Samples

No samples were selected by the laboratory for duplicate analyses.

Chlorinated Pesticides (608)

The samples in this SDG were submitted for chlorinated pesticides by USEPA Method 608.

Holding Times

The extraction and analytical logs indicate that the applicable extraction holding times were met for samples submitted for chlorinated pesticide analyses.

Practical Quantitation Limits

The practical quantitation limits (PQLs) as stipulated in the QAPP were met for the analysis of chlorinated pesticides by USEPA Method 8081A.

Calibration

The initial and continuing calibration data for this SDG indicates that the applicable initial calibration criteria were met for samples submitted for chlorinated pesticide analyses.

Surrogates
The surrogate recoveries were within applicable QC limits as stipulated by the laboratory.

Internal Standards
The internal standard (IS) recoveries were within applicable QC limits as stipulated by the laboratory for chlorinated pesticide analysis. No additional qualification of the data was required.
Blank Summary

The analytical results of the laboratory method blanks indicate that chlorinated pesticides were not detected.

Laboratory Control Sample and Standard Reference Material Check

The laboratory control sample (LCS) (ongoing precision and recovery [OPR] sample) spike recoveries and the standard reference material (SRM) check are within the applicable QC advisory limits as specified in the QAPP.

Matrix Spike/Matrix Spike Duplicate

The recovery for sample MS1-110508LCRS-MSD (A8E03401MSD) was outside acceptable QC limits for gamma-BHC. The LCS recovery was compliant with laboratory protocols; therefore, no additional qualification of the data was required.

Sampling Accuracy

The data was within applicable QC advisory limits; therefore no qualification was required.

Laboratory Duplicate Samples

No samples were selected by the laboratory for duplicate analyses.

Field Duplicate Samples

No samples were selected in the field for duplicate analyses.

General Chemistry

Samples in this SDG were submitted for general chemistry parameters by the following methods:

Constituent	Method	Constituent	Method
TSS	SM20-2540D	TOC	SM20-5310D

Holding Times

The extraction and analytical logs indicate that applicable holding times were met for samples submitted for the general chemistry compounds. The holding times were met per the method and QAPP.

Practical Quantitation Limits

The practical quantitation limits (PQLs) as stipulated in the QAPP were met for the analysis of the general chemistry compounds.

Calibration

The initial and continuing calibration data for this SDG indicates that applicable calibration criteria were met for samples submitted for general chemistry analyses.

Blank Summary

The analytical results of the laboratory method blanks indicated that no general chemistry compounds were detected.

Laboratory Control Sample

The laboratory control sample (LCS) (ongoing precision and recovery [OPR] sample) spike recoveries were within the applicable QC advisory limits as specified in the QAPP.

Matrix Spike/Matrix Spike Duplicate

The matrix spike and matrix spike duplicate recoveries for all general chemistry compounds were within the applicable QC advisory limits as specified in the QAPP.

Sampling Accuracy

The general chemistry compound data were within applicable QC advisory limits; therefore, no additional qualification of the data was required.

Laboratory Duplicate Samples

No samples were selected by the laboratory for duplicate analyses.

Field Duplicate Samples

No samples were selected in the field for duplicate analysis.

Overall Site Evaluation and Professional Judgment Flagging Changes

The data within these SDG's were compared to site data and edits to the laboratory DQE flags were not required based on professional judgment. Monitoring period completeness, which is the percentage of analytical results judged valid, including estimated values, was 100 percent for the November 2008 sampling event. Typically, project objectives are met when completeness is 90 percent or better.

Prepared by: **James E. Young** Date: **Januar**

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Job#: A08-E034

STL Project#: NY1A8693
Site Name: OLIN - INDUSTRIAL WELDING SITE
Task: Industrial Welding Site

Mr. Mike Bellotti
Olin Corporation
1186 Lower River Road
Charleston, TN 37310

CC: Mr. Michael Walker

STL Buffalo

Brian J Fischer
Project Manager

Jaclyn Mantell
Analyst

Donna Besco
Analyst

Todd Brandt
Analyst

Karen Dudziak
Analyst

Mike Mosscrop
Analyst

12/09/08

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Buffalo
Current Certifications

As of 11/3/2008

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8E03401	IWS-MS1-110508-LCRS	SW	11/05/2008	10:00	11/05/2008	13:30
A8E03401MS	IWS-MS1-110508-LCRS	SW	11/05/2008	10:00	11/05/2008	13:30
A8E03401SD	IWS-MS1-110508-LCRS	SW	11/05/2008	10:00	11/05/2008	13:30
A8E03402	TRIP BLANK	WATER	11/05/2008	00:00	11/05/2008	13:30

METHODS SUMMARY

Job#: A08-E034

Project#: NY1A8693
Site Name: OLIN CORPORATION

PARAMETER	ANALYTICAL METHOD
OLIN - 624 - SELECT VOAS - W	CFR136 624
OLIN - 608 - TOTAL HCCH - W	CFR136 608PEST
Mercury - Total	MCAWW 245.1
Soluble Organic Carbon	SM20 5310 D
Total Suspended Solids	SM20 2540D

References:

CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SDG NARRATIVE

Job#: A08-E034

Project#: NY1A8693
Site Name: OLIN CORPORATION

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-E034
Sample Cooler(s) were received at the following temperature(s); 5.2 °C
All samples were received in good condition.

GC/MS Volatile Data

For method 624, all samples were preserved to a pH less than 2.

GC Extractable Data

For method 608Pest, the recovery for sample IWS-MS1-110508-LCRS Spike duplicate is outside quality control limits for gamma-BHC, though the Matrix Spike Blank recovery is compliant, no action necessary.

Metals Data

The recovery of sample IWS-MS1-110508-LCRS Matrix Spike exhibited a result below the quality control limit for Mercury. Sample matrix was suspect. However, the LFB was acceptable.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Brian J. Fischer
Project Manager

12-11-08
Date

Date: 12/09/2008 Requested Reporting Limits < Lab PQL Page: 1
Time: 15:56:23 Rept: AN1520

The requested project specific reporting limits listed below were less than lab standard quantitation limits but greater than or equal to lab MDL. It must be noted that results reported below lab standard quantitation limit (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Parameter	Unit	Client RL	Lab PQL
Organics				
624	Acetone	UG/L	11	25
624	Trichloroethene	UG/L	1.5	5.0

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: TESTAMERICA LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
IWS-MS1-110508-LC	A8E03401	CFR136	-	-	CFR136	MCAWW	-	SM20

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
IWS-MS1-110508-LCRS	SW	11/05/2008	11/05/2008	-	11/07/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
IWS-MS1-110508-LCRS	SW	11/05/2008	11/05/2008	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
IWS-MS1-110508-L CRS	SW	T HG	11/05/2008	11/11/2008	11/11/2008

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
IWS-MS1-110508-LCRS	SW	CFR136	SEPF	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: TESTAMERICA LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
IWS-MS1-110508-LCRS	SW	MCAWW	MCAWW	AS REQUIRED	AS REQUIRED

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2959.RR

Level: (low/med) LOW Date Samp/Recv: 11/05/2008 11/05/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/07/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	11	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	1.5	U

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2958.RR

Level: (low/med) LOW Date Samp/Recv: 11/05/2008 11/05/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/07/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	11	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	1.5	U

OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401

Sample wt/vol: 1020.00 (g/mL) ML Lab File ID: 6A29061.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 11/05/2008 11/05/2008

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.022	J
319-85-7	beta-BHC	0.088	
319-86-8	delta-BHC	0.022	J
58-89-9	gamma-BHC (Lindane)	0.049	U

TESTAMERICA LABORATORIES INC.

Olin Corporation

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Olin Corporation **SDG No.:** A08-E034 **Method Type:**

Sample ID: A8E03401 **Client ID:** IWS-MS1-110508-LCRS

Matrix: WATER **Date Received:** 11/5/2008 **Date Collected:** 11/5/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 30.0 **Final Vol:** 50.0

Prep Batch ID: A8B25774 **Prep Date:** 11/11/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Mercury	**3.7**	**ug/L**		**N**	**0.200**	0.200	**1**	**11/11/2008**	**18:01:15**	LEEMAN PS2	H11118W2	CV

Comments:

Wet Chemistry Analysis

Client Sample No.: IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A8E03401

% Solids: 0.0 Date Samp/Recv: 11/05/2008 11/05/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Soluble Organic Carbon	MG/L	4.8				5310 D	11/11/2008
Total Suspended Solids	MG/L	160				2540D	11/08/2008

Comments:

OLIN - 624 - SELECT VOAS - W
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	IWS-MS1-110508-LCRS	A8E03401	94		104		99							0
2	IWS-MS1-110508-LCRS	A8E03401MS	96		99		100							0
3	IWS-MS1-110508-LCRS	A8E03401SD	97		98		99							0
4	MSB13	A8B2563401	100		100		103							0
5	TRIP BLANK	A8E03402	93		105		100							0
6	VBLK13	A8B2563402	95		104		99							0

QC LIMITS

BFB = p-Bromofluorobenzene (78-122)
DCE = 1,2-Dichloroethane-D4 (88-132)
TOL = Toluene-D8 (87-110)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

OLIN - 608 - TOTAL HCCH - W
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

GC Column(1): RTX-CLPI ID: 0.53 (mm) GC Column(2): RTX-CLPII ID.: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP 1 %REC	#	DCBP 2 %REC	#	TCMX 1 %REC	#	TCMX 2 %REC	#					TOT OUT
1	IWS-MS1-110508-LCRS	A8E03401	40		37		46		57						0
2	IWS-MS1-110508-LCRS	A8E03401MS	38		37		42		52						0
3	IWS-MS1-110508-LCRS	A8E03401SD	40		35		42		54						0
4	Matrix Spike Blank	A8B2551201	59		61		47		51						0
5	Method Blank	A8B2551203	72		66		59		65						0

QC LIMITS

(DCBP) = Decachlorobiphenyl (15-139)
(TCMX) = Tetrachloro-m-xylene (30-139)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

OLIN - 624 - SELECT VOAS - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B2563402

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK13

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethane	20.0	20.6	103	73 - 128
1,2-Dichloroethane	20.0	20.5	103	68 - 132
Trichloroethene	20.0	19.7	98	67 - 134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 3 outside limits

Comments: _____

OLIN - 624 - SELECT VOAS - W
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8E03401

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: IWS-MS1-110508-LCRS

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
1,1-Dichloroethane	20.0	0	22.5	112	73 - 128
1,2-Dichloroethane	20.0	0	21.0	105	68 - 132
Trichloroethene	20.0	0.786	22.6	109	67 - 134

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethane	20.0	22.5	113	0	15	73 - 128
1,2-Dichloroethane	20.0	20.8	104	1	15	68 - 132
Trichloroethene	20.0	22.8	110	0	15	67 - 134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike recovery: 0 out of 6 outside limits

Comments: _____

OLIN - 608 - TOTAL HCCH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B2551203

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
gamma-BHC (Lindane)	0.500	0.352	70	68 - 120	
alpha-BHC	0.500	0.322	64	39 - 121	
beta-BHC	0.500	0.403	81	39 - 138	
delta-BHC	0.500	0.416	83	40 - 121	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 4 outside limits

Comments: _____

OLIN - 608 - TOTAL HCCH - W
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8E03401

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: IWS-MS1-110508-LCRS

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.	+ =
gamma-BHC (Lindane)	0.485	0.00255	0.336	69	68 - 120	
alpha-BHC	0.485	0.0215	0.330	64	39 - 121	
beta-BHC	0.485	0.0882	0.447	74	39 - 138	
delta-BHC	0.485	0.0225	0.382	74	40 - 121	

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+ =
gamma-BHC (Lindane)	0.480	0.322	67 *	3	50	68 - 120	
alpha-BHC	0.480	0.318	62	3	50	39 - 121	
beta-BHC	0.480	0.431	71	4	50	39 - 138	
delta-BHC	0.480	0.368	72	3	50	40 - 121	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 4 outside limits
Spike recovery: 1 out of 8 outside limits

Comments: _____

TESTAMERICA LABORATORIES INC.

Olin Corporation

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

IWS-MS1-110508-LCRS\MS

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	70 - 130	8.2500		3.7000		6.67	68	N	CV

Comments: _____

TESTAMERICA LABORATORIES INC.

Olin Corporation

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

IWS-MS1-110508-LCRS\SD

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	70 - 130	8.8000		3.7000		6.67	76		CV

Comments: _____

TESTAMERICA LABORATORIES INC.

Olin Corporation
-6-
DUPLICATES

SAMPLE NO.

IWS-MS1-110508-LCRS\SD

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury		8.2500		8.8000		6		CV

SAMPLE DATE 11/05/2008

ient Sample ID: IWS-MS1-110508-LCRS IWS-MS1-110508-LCRS IWS-MS1-110508-LCRS
Lab Sample ID: A8E03401 A8E03401MS A8E03401SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
ET CHEMISTRY ANALYSIS												
OLIN - 5310 D - SOLUBLE ORGANIC CARBON	MG/L	4.77	24.40	26.03	20.00	20.00	98	106	102	8	20.0	54-131

' Indicates Result is outside QC Limits
IC = Not Calculated ND = Not Detected

ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2569002 A8B2569001

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
ET CHEMISTRY ANALYSIS					
OLIN - 2540D - TOTAL SUSPENDED SOLIDS	MG/L	641.0	706.0	91	88-110

Indicates Result is outside QC Limits
C = Not Calculated ND = Not Detected

lient Sample ID: Method Blank LCS
Lab Sample ID: A8B2584802 A8B2584801

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
OLIN - 5310 D - SOLUBLE ORGANIC CARBON	MG/L	28.92	30.00	96	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

OLIN - 624 - SELECT VOAS - W
METHOD BLANK SUMMARY

Client No.: VBLK13

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: R2925.RR Lab Sample ID: A8B2563402

Date Analyzed: 11/06/2008 Time Analyzed: 22:55

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973R

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	IWS-MS1-110508-LCRS	A8E03401	R2959.RR	14:06
2	IWS-MS1-110508-LCRS	A8E03401MS	R2960.RR	14:33
3	IWS-MS1-110508-LCRS	A8E03401SD	R2961.RR	14:59
4	MSB13	A8B2563401	R2923.RR	22:01
5	TRIP BLANK	A8E03402	R2958.RR	13:39

Comments: _____

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

VBLK13

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8B2563402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2925.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	11	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	1.5	U

OLIN - 608 - TOTAL HCCH - W
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2551203 Lab File ID: 6A29060.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 11/06/2008

Date Analyzed (1): 12/01/2008 Date Analyzed (2): 12/01/2008

Time Analyzed (1): 12:00 Time Analyzed (2): 12:00

Instrument ID (1): HP6890-6 Instrument ID (2): HP6890-6

GC Column (1): RTX-CLPI Dia: 0.53(mm) GC Column (2): RTX-CLPII Dia: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	IWS-MS1-110508-LCRS	A8E03401	12/01/2008	12/01/2008
2	IWS-MS1-110508-LCRS	A8E03401MS	12/01/2008	12/01/2008
3	IWS-MS1-110508-LCRS	A8E03401SD	12/01/2008	12/01/2008
4	Matrix Spike Blank	A8B2551201	12/01/2008	12/01/2008

Comments: _____

OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8B2551203

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 6A29060.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U

Olin Corporation

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Olin Corporation **SDG No.:** A08-E034

Contract: NY02-399 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	17:50	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	17:54	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	18:14	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	18:23	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	18:41	LEEMAN PS20	H11118W2

Olin Corporation
- 3b -
PREPARATION BLANK SUMMARY

Client: Olin Corporation **SDG No.:** A08-E034

Contract: NY02-399 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD866179-11/11/08			**WATER**								
	Mercury	0.200	U		0.200	0.200	CV	11/11/2008	18:37	LEEMAN PS20	H11118W2

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2584802 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 11/11/2008 Time Analyzed (1): 20:47

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	IWS-MS1-110508-LCRS	A8E03401	11/11/2008	20:47
2	IWS-MS1-110508-LCRS	A8E03401MS	11/11/2008	20:47
3	IWS-MS1-110508-LCRS	A8E03401SD	11/11/2008	20:47
4	LCS	A8B2584801	11/11/2008	20:47

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A8B2584802

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Soluble Organic Carbon	MG/L	1.0	U			5310 D	11/11/2008

Comments:

_____

_____

_____

_____

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2569002 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 11/08/2008 Time Analyzed (1): 12:10

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	IWS-MS1-110508-LCRS	A8E03401	11/08/2008	12:10
2	LCS	A8B2569001	11/08/2008	12:10

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A8B2569002

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Suspended Solids	MG/L	4.0	U			2540D	11/08/2008

Comments:

Batch Quality Control Data

Lab Sample ID: A8D95406 A8D95406MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
ET CHEMISTRY ANALYSIS METHOD 5310 D - TOTAL ORGANIC CARBON	MG/L	0	18.04	20.00	90	54-131

Indicates Result is outside QC Limits
C = Not Calculated ND = Not Detected

Lab Sample ID: A8E03401 A8E03401MS A8E03401SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
ET CHEMISTRY ANALYSIS												
OLIN - 5310 D - SOLUBLE ORGANIC CARBON	MG/L	4.77	24.40	26.03	20.00	20.00	98	106	102	8	20.0	54-131

Indicates Result is outside QC Limits
C = Not Calculated ND = Not Detected

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A8E03401	IWS-MS1-110508-LCRS	SW	11/05/2008	10:00	11/05/2008	13:30
A8E03401MS	IWS-MS1-110508-LCRS	SW	11/05/2008	10:00	11/05/2008	13:30
A8E03401SD	IWS-MS1-110508-LCRS	SW	11/05/2008	10:00	11/05/2008	13:30
A8E03402	TRIP BLANK	WATER	11/05/2008	00:00	11/05/2008	13:30

METHODS SUMMARY

Job#: A08-E034

Project#: NY1A8693
Site Name: OLIN CORPORATION

PARAMETER	ANALYTICAL METHOD
OLIN - 624 - SELECT VOAS - W	CFR136 624
OLIN - 608 - TOTAL HCCH - W	CFR136 608PEST
Mercury - Total	MCAWW 245.1
Soluble Organic Carbon	SM20 5310 D
Total Suspended Solids	SM20 2540D

References:

CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SM20 "Standard Methods for the Examination of Water and Wastewater", 20th Edition.

SDG NARRATIVE

Job#: A08-E034

Project#: NY1A8693
Site Name: OLIN CORPORATION

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A08-E034
Sample Cooler(s) were received at the following temperature(s); 5.2 °C
All samples were received in good condition.

GC/MS Volatile Data

For method 624, all samples were preserved to a pH less than 2.

GC Extractable Data

For method 608Pest, the recovery for sample IWS-MS1-110508-LCRS Spike duplicate is outside quality control limits for gamma-BHC, though the Matrix Spike Blank recovery is compliant, no action necessary.

Metals Data

The recovery of sample IWS-MS1-110508-LCRS Matrix Spike exhibited a result below the quality control limit for Mercury. Sample matrix was suspect. However, the LFB was acceptable.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Brian J. Fischer
Project Manager

12-11-08
Date

Chain of Custody Documentation

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
OLIN CORPORATION - IWS SITE	MIKE BELLOTTI	11/5/08	098000
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
3855 NORTH OCOEE STREET SUITE 200	423-336-4587		
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
CLEVELAND	TN	37312	MIKE WALKER	BRIAN FISCHER
Project Name and Location (State)	**Carrier/Waybill Number**
OLIN - INDUSTRIAL WELDING	
Contract/Purchase Order/Quote No.	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOA 624	608	SOC	TSS	T Hg	Special Instructions/ Conditions of Receipt
IWS-MS1-110508-LCRS	11/5/08	1000		X			2		2	2			9	6	6	3	3	*MS/MSD VOLUME*

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other STANDARD

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.		11/5/08	1200		11/5/08	~~1250~~ 1200
2.		11/5/08	1330		11/5/08	1330
3.						

Comments

5.2°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

53/356

TestAmerica Buffalo

Doc. Login/ARRF
Rev 6
January 2, 2008

SAMPLE LOGIN JOB # 5034

Shipment ID_____ **Strict Internal COC:** YES / NO

Residual Chlorine Check: ☐

Radiation Check <0.02 mR/hr: YES / NO

AC 87765 **Project / Task** _____/_____

TAT 15 BD/_____CD # OF SAMPLES 1 TRIP BLANK Y/N # 1

SHIPPED BY WALK IN	**ATTACH SHIPPING TAGS**
RECEIVED DATE / TIME:	11/5/08 13:30

COOLER TEMP 5.2 °C (<6 °C) OK NO

Cooler Custody Seal intact? YES/NO NONE SEAL # _____

If NO to cooler temp or seal, PM notified? YES_____ (PM Name)

SUBCONTRACT YES/NO **LAB**_____ **SM #**_____

COMMENTS: SAMPLE TIME ACTUAL +1HR +2 HR +3 HR NONE

Sample received outside hold time_____

Headspace in VOA vials_____

Problems with bottle labels_____

OTHER SAMPLE RECEIPT COMMENTS (Fill out ARRF, see reverse)

_____

_____

PRESERVATION CHECKED YES___ NO X NA___ **Initials** _____

ARE SAMPLE DATES AND TIMES CORRECT? **Initials** _____

WERE ALL THE APPROPRIATE TESTS ASSIGNED? **Initials** _____

Temp.Cert.Loss: Carbaryl in Drinking Water for New York State
Dichlorodifluoromethane in Drinking Water for New York State

TestAmerica Laboratories Inc.
Sample Inventory

Job No: A08-E034
Client: Olin Corporation
Project: NY1A8693
SDG:
Case:
SMO No:
No. Samps: 3

Radiation Check: YES
Custody Seal: NO
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 5.2°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
11/05/2008 10:00	11/05/2008 13:30	IWS-MS1-110508	A8E03401	Good	3-40mlV	VOA	RECNY	0103	<2
					2-1lGA	608	RECNY	0100	
					2-40mlV	SOC	RECNY	1103	<2
					1-16ozP	TSS	RECNY	0100	
					1-8ozP	T HG	RECNY	0001	<2
11/05/2008 10:00	11/05/2008 13:30	IWS-MS1-110508	A8E03401MS	Good	3-40mlV	VOA	RECNY	0103	<2
					2-1lGA	608	RECNY	0100	
					2-40mlV	SOC	RECNY	1103	<2
					1-16ozP	TSS	RECNY	0100	
					1-8ozP	T HG	RECNY	0001	<2
11/05/2008 10:00	11/05/2008 13:30	IWS-MS1-110508	A8E03401SD	Good	3-40mlV	VOA	RECNY	0103	<2
					2-1lGA	608	RECNY	0100	
					2-40mlV	SOC	RECNY	1103	<2
					1-16ozP	TSS	RECNY	0100	
					1-8ozP	T HG	RECNY	0001	<2
11/05/2008 00:00	11/05/2008 13:30	TRIP BLANK	A8E03402	Good	1-40mlV	VOA	RECNY	0103	<2

mple Custodian: _____ 11/5/20 0Y

Analytical Services Coordinator: _____ /__/20__

55/356

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

624 Volatiles

QC Summary

OLIN - 624 - SELECT VOAS - W
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	IWS-MS1-110508-LCRS	A8E03401	94		104		99							0
2	IWS-MS1-110508-LCRS	A8E03401MS	96		99		100							0
3	IWS-MS1-110508-LCRS	A8E03401SD	97		98		99							0
4	MSB13	A8B2563401	100		100		103							0
5	TRIP BLANK	A8E03402	93		105		100							0
6	VBLK13	A8B2563402	95		104		99							0

			QC LIMITS
BFB	=	p-Bromofluorobenzene	(78-122)
DCE	=	1,2-Dichloroethane-D4	(88-132)
TOL	=	Toluene-D8	(87-110)

\# Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

OLIN - 624 - SELECT VOAS - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B2563402

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: VBLK13

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethane	20.0	20.6	103	73 - 128
1,2-Dichloroethane	20.0	20.5	103	68 - 132
Trichloroethene	20.0	19.7	98	67 - 134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 3 outside limits

Comments: _____

OLIN - 624 - SELECT VOAS - W
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8E03401

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: IWS-MS1-110508-LCRS

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
1,1-Dichloroethane	20.0	0	22.5	112	73 - 128
1,2-Dichloroethane	20.0	0	21.0	105	68 - 132
Trichloroethene	20.0	0.786	22.6	109	67 - 134

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethane	20.0	22.5	113	0	15	73 - 128
1,2-Dichloroethane	20.0	20.8	104	1	15	68 - 132
Trichloroethene	20.0	22.8	110	0	15	67 - 134

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike recovery: 0 out of 6 outside limits

Comments: _____

OLIN - 624 - SELECT VOAS - W
METHOD BLANK SUMMARY

Client No.: VBLK13

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: R2925.RR Lab Sample ID: A8B2563402

Date Analyzed: 11/06/2008 Time Analyzed: 22:55

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: HP5973R

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	IWS-MS1-110508-LCRS	A8E03401	R2959.RR	14:06
2	IWS-MS1-110508-LCRS	A8E03401MS	R2960.RR	14:33
3	IWS-MS1-110508-LCRS	A8E03401SD	R2961.RR	14:59
4	MSB13	A8B2563401	R2923.RR	22:01
5	TRIP BLANK	A8E03402	R2958.RR	13:39

Comments: _____

OLIN CORPORATION
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Laboratories Contract: _____ Tune ID: A8T0003354

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab File ID: R2917 BFB Injection Date: 11/06/2008

Instrument ID: HP5973R BFB Injection Time: 19:00

GC Column: ZB-624 ID: 0.25 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	15.0 - 40.0% of mass 95	26.8		
75	30.0 - 60.0% of mass 95	55.7		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	8.0		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50 - 120 % of mass 95	65.3		
175	5.0 - 9.0% of mass 174	5.4	(8.2)	1
176	95.0 - 101.0% of mass 174	63.7	(97.6)	1
177	5.0 - 9.0% of mass 176	3.9	(6.1)	2

1-Value is % mass 174 2-Value is % mass 176

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD100	A8I0000864-1	R2918.RR	11/06/2008	19:30
2	VSTD050	A8I0000864-1	R2919.RR	11/06/2008	19:57
3	VSTD005	A8I0000864-1	R2921.RR	11/06/2008	20:50
4	MSB13	A8B2563401	R2923.RR	11/06/2008	22:01
5	VBLK13	A8B2563402	R2925.RR	11/06/2008	22:55
6	TRIP BLANK	A8E03402	R2958.RR	11/07/2008	13:39
7	IWS-MS1-110508-LCRS	A8E03401	R2959.RR	11/07/2008	14:06
8	IWS-MS1-110508-LCRS	A8E03401MS	R2960.RR	11/07/2008	14:33
9	IWS-MS1-110508-LCRS	A8E03401SD	R2961.RR	11/07/2008	14:59

Compare Client DL for PROJECT NY1A8693 and TASK 2 to Lab MDL
For METHOD: 624 PROTOCOL: CFR136
For FRACTIONS: MV

Laboratory: A
ject Manager: BJF

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	E T
raction: MV																
n Corporation	NY1A8693	2	1,1-Dichloroethane	CDL	CFR136	624	CTA13967	W	UG/L	5.0000	5.00000	0.58931	N			
n Corporation	NY1A8693	2	1,2-Dichloroethane	CDL	CFR136	624	CTA13967	W	UG/L	5.0000	5.00000	0.60346	N			
n Corporation	NY1A8693	2	Acetone	CDL	CFR136	624	CTA13967	W	UG/L	11.0000	25.00000	3.70214	Y	E		
n Corporation	NY1A8693	2	Trichloroethene	CDL	CFR136	624	CTA13967	W	UG/L	1.5000	5.00000	0.59748	Y	E		

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Sample Data

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2959.RR

Level: (low/med) LOW Date Samp/Recv: 11/05/2008 11/05/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/07/2008

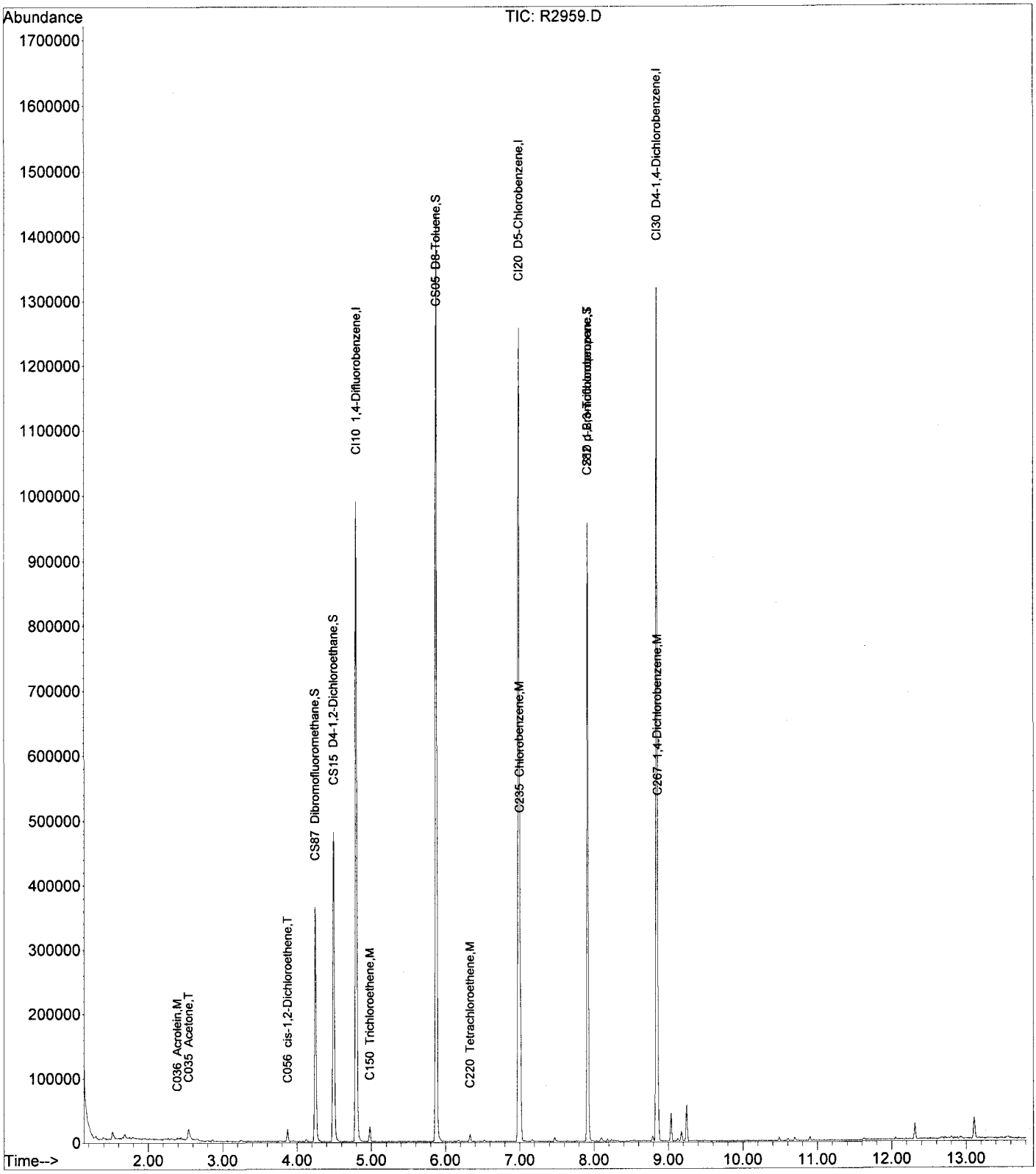
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	11	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	1.5	U

Data File : C:\MSDCHEM\2\DATA\110608\R2959.D Vial: 42
Acq On : 7 Nov 2008 14:06 Operator: MF
Sample : A8E03401 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 07 14:59:27 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Data File : C:\MSDCHEM\2\DATA\110608\R2959.D Vial: 42
Acq On : 7 Nov 2008 14:06 Operator: MF
Sample : A8E03401 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 14:59:27 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

S*E 11/7/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.80	114	524631	150.00	ng	0.00 NA%
40) CI20	D5-Chlorobenzene	6.99	117	480848	150.00	ng	0.00 NA%
60) CI30	D4-1,4-Dichlorobenze	8.84	152	236883	150.00	ng	0.00 NA%
System Monitoring Compounds							
29) CS87	Dibromofluoromethane	4.25	111	174960	128.04	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	102.43%	
30) CS15	D4-1,2-Dichloroethan	4.50	65	254390	156.58	ng	0.00
Spiked Amount	150.000	Range	88 - 132	Recovery	=	104.39%	
41) CS05	D8-Toluene	5.88	98	666332	147.94	ng	0.00
Spiked Amount	150.000	Range	87 - 110	Recovery	=	98.63%	
59) CS10	p-Bromofluorobenzene	7.91	95	257159	140.43	NG	0.00
Spiked Amount	150.000	Range	78 - 122	Recovery	=	93.62%	

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.36	50	518	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.68	94	757	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	2.86	84	818	N.D.		
10) C040	Carbon disulfide	2.58	76	1306	N.D.		
11) C036	Acrolein	2.39	56	1433	~~12.75~~ ng		87
12) C038	Acrylonitrile	3.12	53	135	N.D.		
13) C300	Acetonitrile	2.80	41	481	N.D.		
14) C035	Acetone	2.54	43	19263	39.80 ng		90
15) C276	Iodomethane	2.55	142	788	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	3.06	96	160	N.D.		
19) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
20) C125	Vinyl Acetate	0.00	43	0	N.D.		
21) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
22) C056	cis-1,2-Dichloroethe	3.87	96	5740	~~3.56 ng~~		95
23) C272	Tetrahydrofuran	4.14	42	146	N.D.		
24) C222	Bromochloromethane	0.00	128	0	N.D.		
25) C060	Chloroform	4.12	83	2064	N.D.		
26) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
27) C120	Carbon tetrachlori	0.00	117	0	N.D.		
28) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.50	78	4219	N.D.		
32) C065	1,2-Dichloroethane	4.56	62	683	N.D.		
33) C110	2-Butanone	3.95	43	2286	N.D.		
34) C150	Trichloroethene	4.98	95	6197	3.93 ng		93
35) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
36) C278	Dibromomethane	0.00	93	0	N.D.		
37) C130	Bromodichlorometha	0.00	83	0	N.D.		
38) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

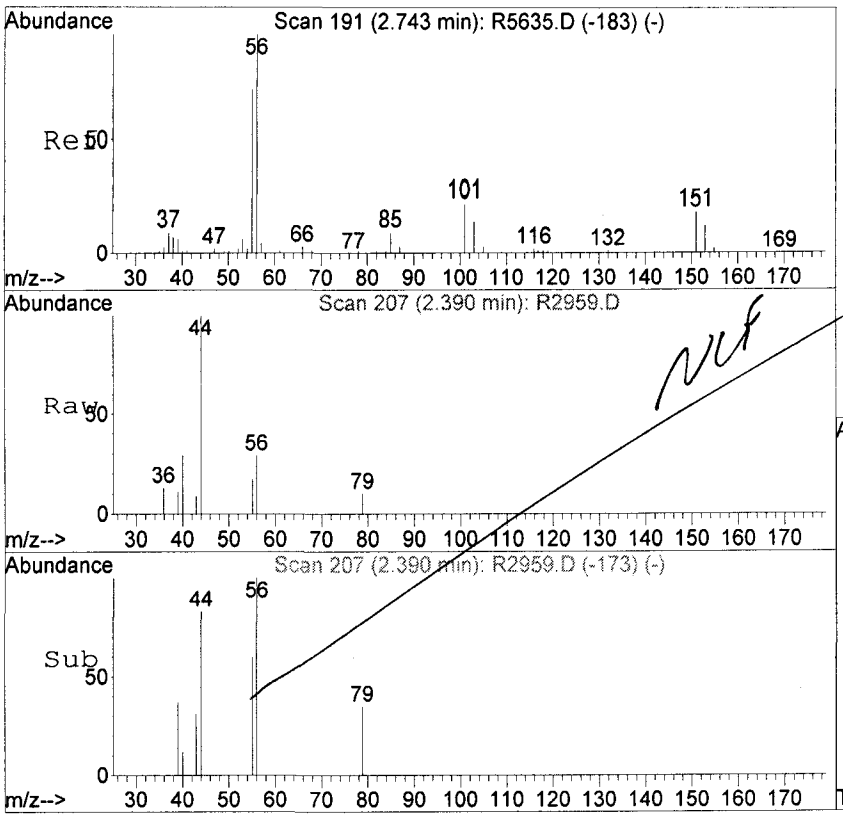
11/12/08

Data File : C:\MSDCHEM\2\DATA\110608\R2959.D Vial: 42
Acq On : 7 Nov 2008 14:06 Operator: MF
Sample : A8E03401 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 14:59:27 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.			
42) C230	Toluene	5.92	92	363	N.D.			
43) C170	trans-1,3-Dichloro	0.00	75	0	N.D.			
44) C284	Ethyl Methacrylate	0.00	69	0	N.D.			
45) C160	1,1,2-Trichloroeth	6.28	83	134	N.D.			
46) C210	4-Methyl-2-pentano	5.83	43	152	N.D.			
47) C220	Tetrachloroethene	6.33	166	2838	2.24	ng	#	76
48) C221	1,3-Dichloropropan	0.00	76	0	N.D.			
49) C155	Dibromochlorometha	0.00	129	0	N.D.			
50) C163	1,2-Dibromoethane	0.00	107	0	N.D.			
51) C215	2-Hexanone	6.53	43	139	N.D.			
52) C235	Chlorobenzene	7.01	112	71278	17.58	ng		95
53) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.			
54) C240	Ethylbenzene	7.07	91	1105	N.D.			
55) C246	m,p-Xylene	7.17	106	695	N.D.			
56) C247	o-Xylene	0.00	106	0	N.D.			
57) C245	Styrene	7.50	104	180	N.D.			
58) C180	Bromoform	0.00	173	0	N.D.			
61) C966	Isopropylbenzene	7.76	105	570	N.D.			
62) C301	Bromobenzene	0.00	156	0	N.D.			
63) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.			
64) C282	1,2,3-Trichloropropa	7.91	75	96666	26.02	ng	#	50
65) C283	t-1,4-Dichloro-2-B	8.10	53	481	N.D.			
66) C302	n-Propylbenzene	8.10	91	1770	N.D.			
67) C303	2-Chlorotoluene	8.18	126	205	N.D.			
68) C289	4-Chlorotoluene	8.27	126	146	N.D.			
69) C304	1,3,5-Trimethylben	8.24	105	1139	N.D.			
70) C306	tert-Butylbenzene	0.00	134	0	N.D.			
71) C307	1,2,4-Trimethylben	8.54	105	1153	N.D.			
72) C308	sec-Butylbenzene	8.67	105	1230	N.D.			
73) C260	1,3-Dichlorobenzen	8.79	146	2457	N.D.			
74) C309	4-Isopropyltoluene	8.79	119	1445	N.D.			
75) C267	1,4-Dichlorobenzene	8.86	146	14123	5.22	ng		97
76) C249	1,2-Dichlorobenzen	9.17	146	5195	N.D.			
77) C310	n-Butylbenzene	9.12	91	2292	N.D.			
78) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.			
79) C313	1,2,4-Trichloroben	10.49	180	1595	N.D.			
80) C316	Hexachlorobutadien	10.61	225	1009	N.D.			
81) C314	Naphthalene	10.70	128	5110	N.D.			
82) C934	1,2,3-Trichloroben	10.89	180	1704	N.D.			

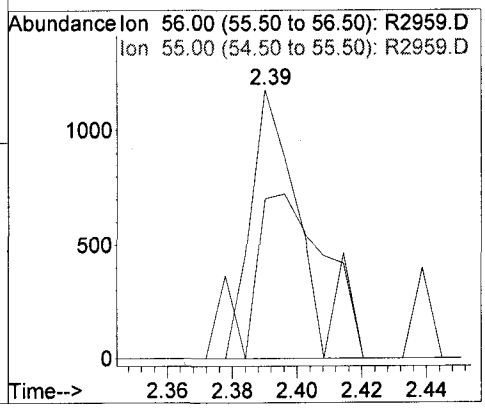
(#) = qualifier out of range (m) = manual integration (+) = signals summed

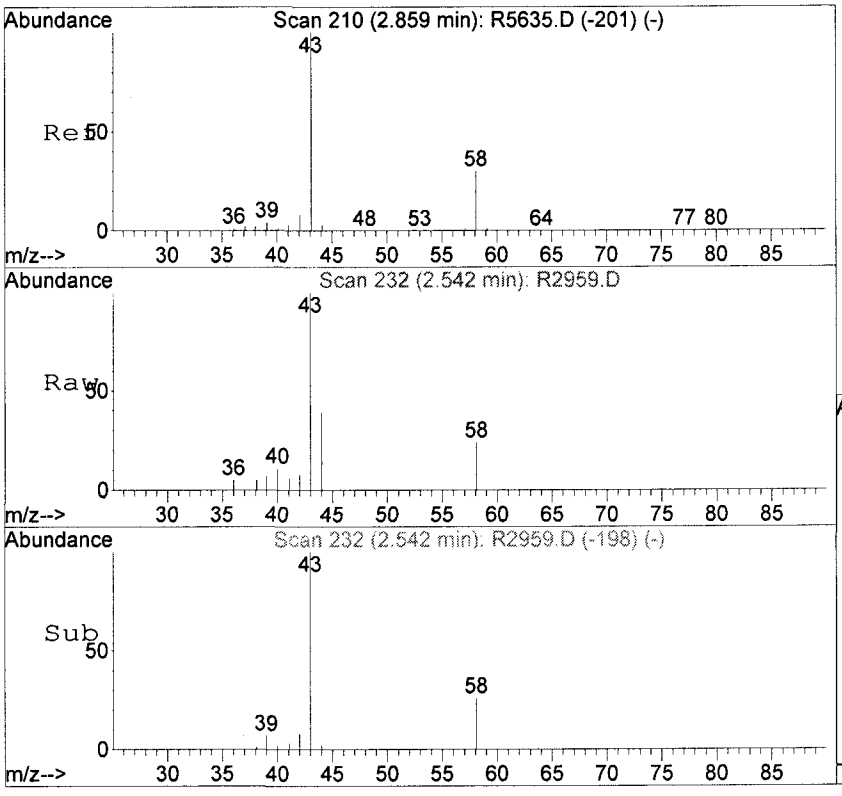


#11
C036 Acrolein
Concen: 12.75 ng
RT: 2.39 min Scan# 207
Delta R.T. 0.01 min
Lab File: R2959.D
Acq: 7 Nov 2008 14:06

Tgt Ion: 56 Resp: 1433

Ion	Ratio	Lower	Upper
56	100		
55	59.9	56.3	84.5

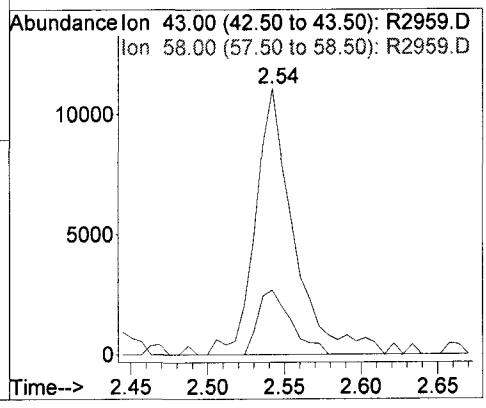


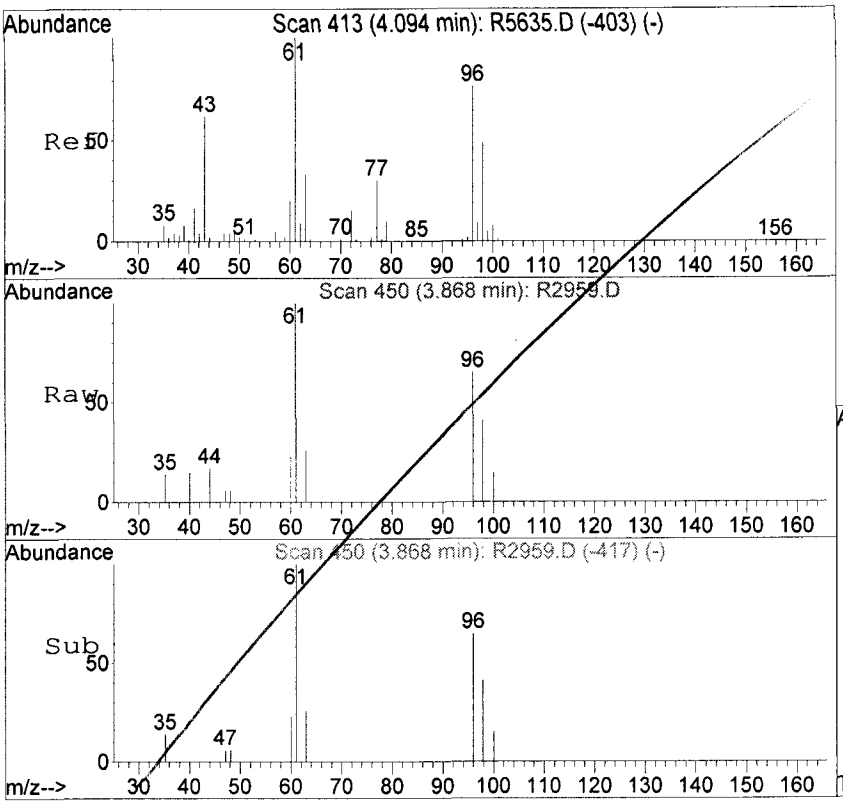


#14
C035 Acetone
Concen: 39.80 ng
RT: 2.54 min Scan# 232
Delta R.T. 0.01 min
Lab File: R2959.D
Acq: 7 Nov 2008 14:06

Tgt Ion: 43 Resp: 19263

Ion	Ratio	Lower	Upper
43	100		
58	24.4	23.6	35.4

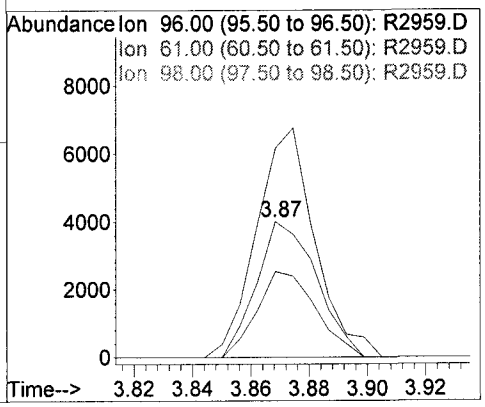


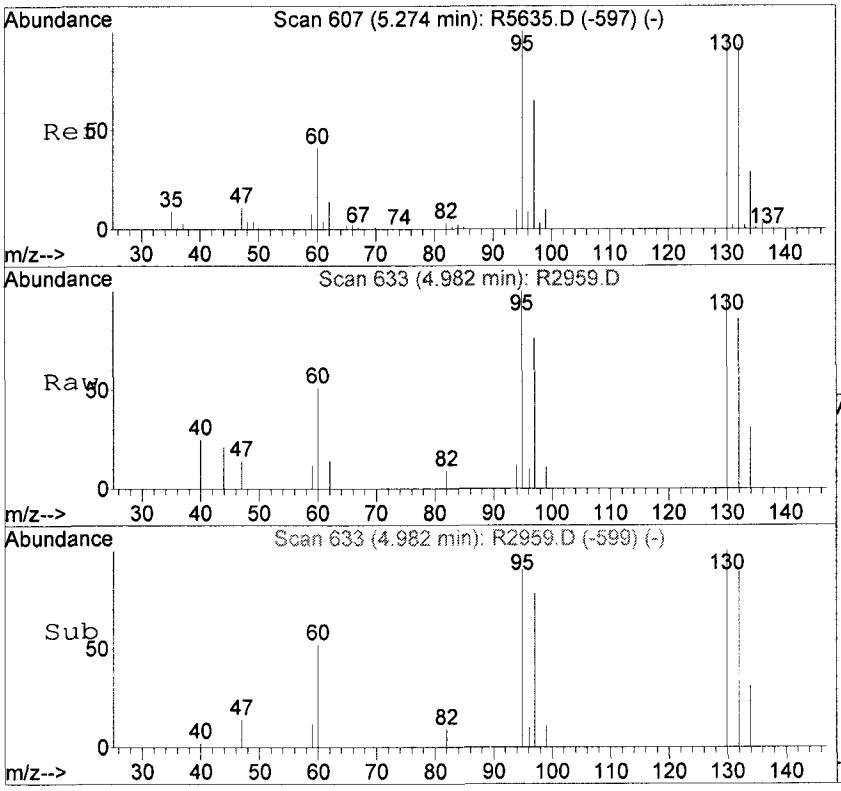


#22
C056 cis-1,2-Dichloroethene
Concen: 3.56 ng
RT: 3.87 min Scan# 450
Delta R.T. -0.00 min
Lab File: R2959.D
Acq: 7 Nov 2008 14:06

Tgt Ion: 96 Resp: 5740

Ion	Ratio	Lower	Upper
96	100		
61	153.5	141.0	181.0
98	63.2	45.2	85.2

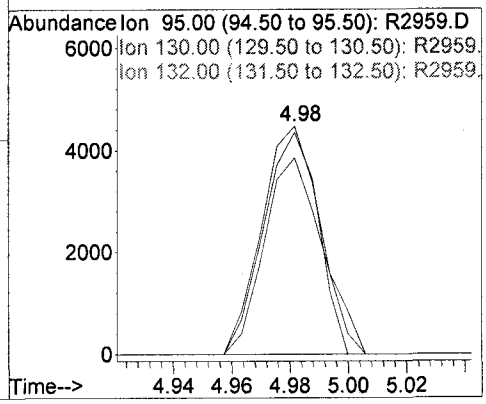




#34
C150 Trichloroethene
Concen: 3.93 ng
RT: 4.98 min Scan# 633
Delta R.T. 0.01 min
Lab File: R2959.D
Acq: 7 Nov 2008 14:06

Tgt Ion: 95 Resp: 6197

Ion	Ratio	Lower	Upper
95	100		
130	97.3	67.2	107.2
132	86.2	63.5	103.5



OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2958.RR

Level: (low/med) LOW Date Samp/Recv: 11/05/2008 11/05/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/07/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

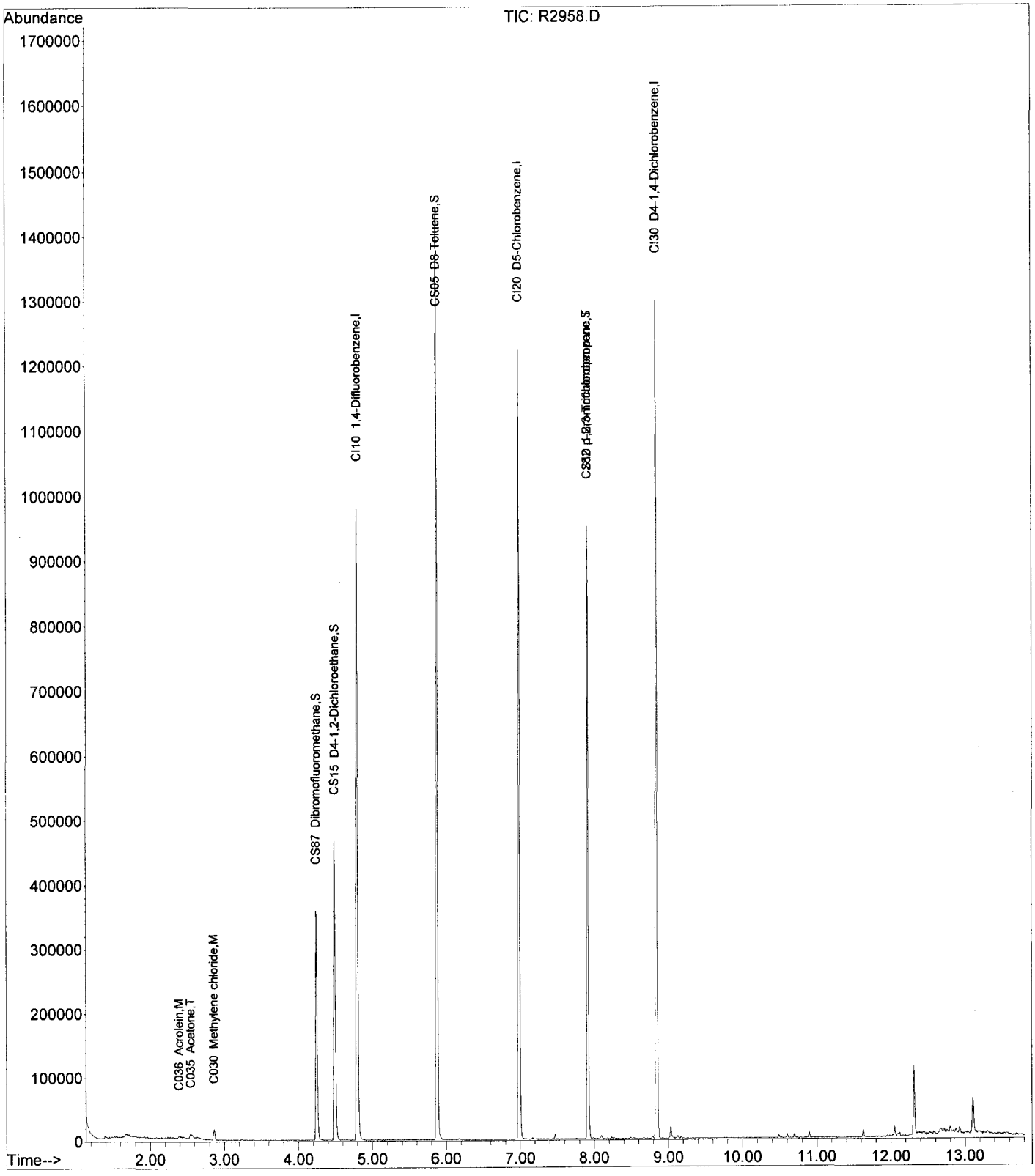
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	11	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	1.5	U

Data File : C:\MSDCHEM\2\DATA\110608\R2958.D
Acq On : 7 Nov 2008 13:39
Sample : A8E03402
Misc :
MS Integration Params: RTEINT.P

Vial: 41
Operator: MF
Inst : HP5973R
Multiplr: 1.00

Quant Time: Nov 07 14:59:21 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2958.D Vial: 41
Acq On : 7 Nov 2008 13:39 Operator: MF
Sample : A8E03402 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 14:59:21 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

S+E 11/7/08

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.80	114	519648	150.00	ng	0.00 NA%
40) CI20	D5-Chlorobenzene	6.99	117	469534	150.00	ng	0.00 NA%
60) CI30	D4-1,4-Dichlorobenze	8.84	152	233381	150.00	ng	0.00 NA%
System Monitoring Compounds							
29) CS87	Dibromofluoromethane	4.25	111	171084	126.40	ng	0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	101.12%	
30) CS15	D4-1,2-Dichloroethan	4.50	65	254520	158.16	ng	0.00
Spiked Amount	150.000	Range	88 - 132	Recovery	=	105.44%	
41) CS05	D8-Toluene	5.88	98	660481	150.17	ng	0.00
Spiked Amount	150.000	Range	87 - 110	Recovery	=	100.11%	
59) CS10	p-Bromofluorobenzene	7.91	95	250652	140.17	NG	0.00
Spiked Amount	150.000	Range	78 - 122	Recovery	=	93.45%	

Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	1.34	50	550	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	1.67	94	379	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
9) C030	Methylene chloride	2.86	84	5115	~~2.79 ng~~	#	81
10) C040	Carbon disulfide	2.58	76	945	N.D.		
11) C036	Acrolein	2.39	56	1353	~~12.16 ng~~		92
12) C038	Acrylonitrile	0.00	53	0	N.D.		
13) C300	Acetonitrile	2.80	41	492	N.D.		
~~14)~~ C035	Acetone	2.54	43	7243	15.11 ng		90
15) C276	Iodomethane	2.55	142	1557	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.		
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.		
19) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
20) C125	Vinyl Acetate	3.47	43	281	N.D.		
21) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
22) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.		
23) C272	Tetrahydrofuran	0.00	42	0	N.D.		
24) C222	Bromochloromethane	0.00	128	0	N.D.		
25) C060	Chloroform	4.13	83	136	N.D.		
26) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
27) C120	Carbon tetrachlori	0.00	117	0	N.D.		
28) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.51	78	869	N.D.		
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
33) C110	2-Butanone	3.94	43	184	N.D.		
34) C150	Trichloroethene	0.00	95	0	N.D.		
35) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
36) C278	Dibromomethane	0.00	93	0	N.D.		
37) C130	Bromodichlorometha	0.00	83	0	N.D.		
38) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

11/12/08

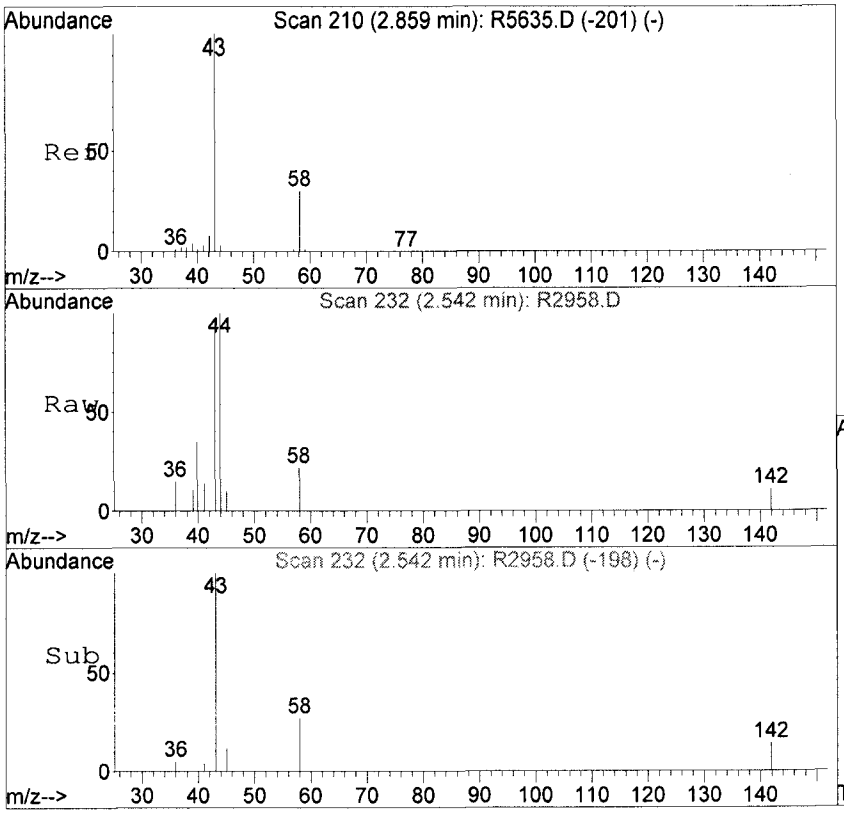
Data File : C:\MSDCHEM\2\DATA\110608\R2958.D Vial: 41
Acq On : 7 Nov 2008 13:39 Operator: MF
Sample : A8E03402 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 14:59:21 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.			
42) C230	Toluene	5.92	92	292	N.D.			
43) C170	trans-1,3-Dichloro	0.00	75	0	N.D.			
44) C284	Ethyl Methacrylate	0.00	69	0	N.D.			
45) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.			
46) C210	4-Methyl-2-pentano	5.83	43	167	N.D.			
47) C220	Tetrachloroethene	6.33	166	165	N.D.			
48) C221	1,3-Dichloropropan	0.00	76	0	N.D.			
49) C155	Dibromochlorometha	0.00	129	0	N.D.			
50) C163	1,2-Dibromoethane	0.00	107	0	N.D.			
51) C215	2-Hexanone	0.00	43	0	N.D.			
52) C235	Chlorobenzene	7.01	112	586	N.D.			
53) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.			
54) C240	Ethylbenzene	7.07	91	752	N.D.			
55) C246	m,p-Xylene	7.16	106	626	N.D.			
56) C247	o-Xylene	0.00	106	0	N.D.			
57) C245	Styrene	7.50	104	415	N.D.			
58) C180	Bromoform	0.00	173	0	N.D.			
61) C966	Isopropylbenzene	7.76	105	429	N.D.			
62) C301	Bromobenzene	8.04	156	132	N.D.			
63) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.			
64) C282	1,2,3-Trichloropropa	7.91	75	95368	26.05	ng	#	50
65) C283	t-1,4-Dichloro-2-B	8.10	53	333	N.D.			
66) C302	n-Propylbenzene	8.10	91	1968	N.D.			
67) C303	2-Chlorotoluene	8.19	126	133	N.D.			
68) C289	4-Chlorotoluene	8.27	126	291	N.D.			
69) C304	1,3,5-Trimethylben	8.24	105	1036	N.D.			
70) C306	tert-Butylbenzene	0.00	134	0	N.D.			
71) C307	1,2,4-Trimethylben	8.54	105	1007	N.D.			
72) C308	sec-Butylbenzene	8.67	105	1096	N.D.			
73) C260	1,3-Dichlorobenzen	8.79	146	1124	N.D.			
74) C309	4-Isopropyltoluene	8.78	119	888	N.D.			
75) C267	1,4-Dichlorobenzen	8.86	146	1828	N.D.			
76) C249	1,2-Dichlorobenzen	9.17	146	976	N.D.			
77) C310	n-Butylbenzene	9.12	91	2231	N.D.			
78) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.			
79) C313	1,2,4-Trichloroben	10.49	180	1512	N.D.			
80) C316	Hexachlorobutadien	10.60	225	1416	N.D.			
81) C314	Naphthalene	10.70	128	4580	N.D.			
82) C934	1,2,3-Trichloroben	10.90	180	1836	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

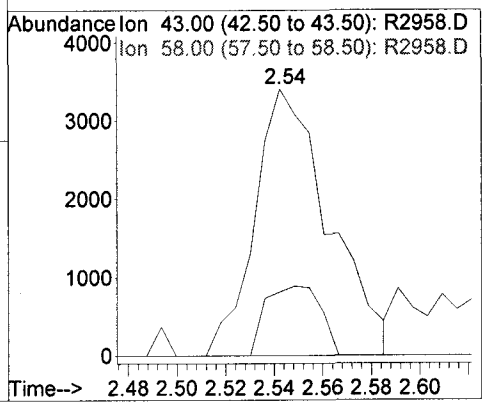
11/12/08

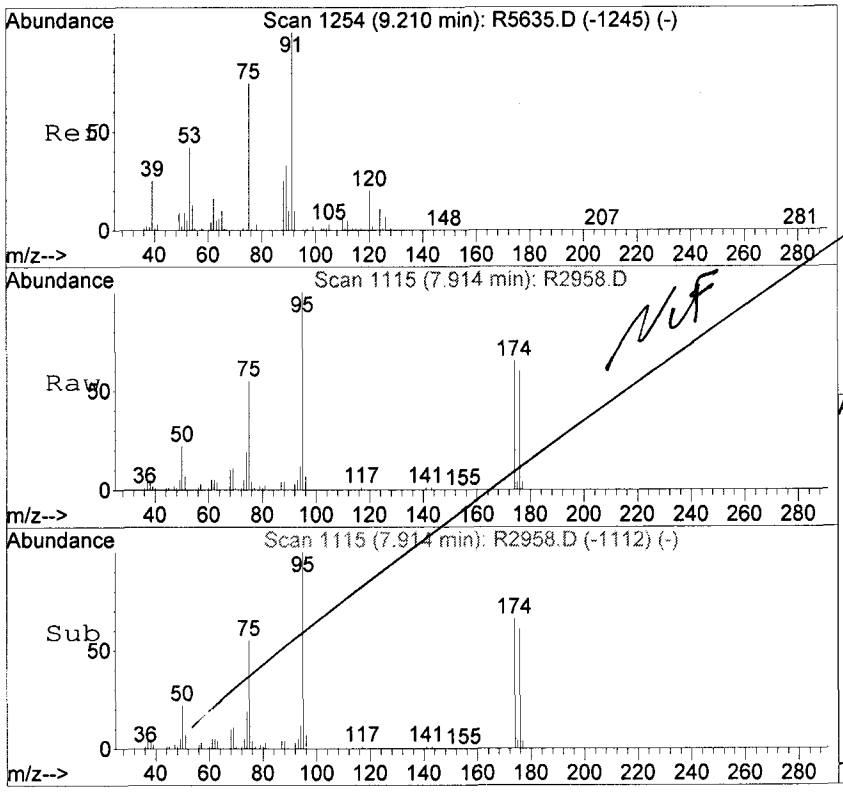


#14
C035 Acetone
Concen: 15.11 ng
RT: 2.54 min Scan# 232
Delta R.T. 0.01 min
Lab File: R2958.D
Acq: 7 Nov 2008 13:39

Tgt Ion: 43 Resp: 7243

Ion	Ratio	Lower	Upper
43	100		
58	24.0	23.6	35.4

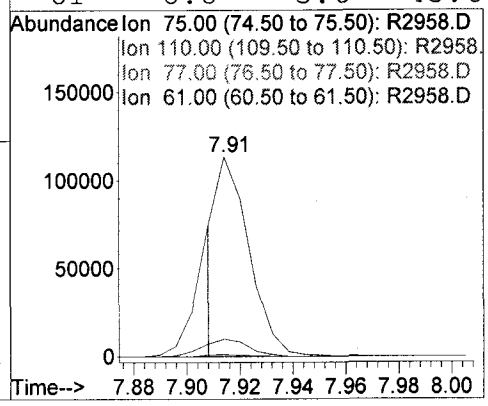




#64
C282 1,2,3-Trichloropropane
Concen: 26.05 ng
RT: 7.91 min Scan# 1115
Delta R.T. -0.18 min
Lab File: R2958.D
Acq: 7 Nov 2008 13:39

Tgt Ion: 75 Resp: 95368

Ion	Ratio	Lower	Upper
75	100		
110	0.0	12.4	52.4#
77	0.9	11.9	51.9#
61	8.8	5.6	45.6



Standards

VOLATILE 624
INITIAL CALIBRATION DATA

Lab Name: TestAmerica Laborat Contract: _____ Lab Sample ID: A8I0000864-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____

Intrument ID: HP5973R_____ Calibration Dates(s): 11/06/2008 11/06/2008

Heated Purge (Y/N): N Calibration Times: 19:30 20:50

GC Column: ZB-624 ID: 0.25(mm)

Lab File ID: RRF5 = R2921.RR RRF50 = R2919.RR
RRF100 = R2918.RR RRF0 RRF0

COMPOUND	RRF5	RRF50	RRF100	RRF0	RRF0	AVG RRF	% RSD
Acetone	0.153	0.131	0.132			0.1380	9.000
1,1-Dichloroethane	0.952	0.866	0.857			0.8920	5.900
1,2-Dichloroethane	0.789	0.715	0.745			0.7500	4.900
Trichloroethene	0.473	0.433	0.446			0.4510	4.400
Toluene-D8	1.410	1.413	1.392			1.4050	0.800
p-Bromofluorobenzene	0.547	0.565	0.602			0.5710	4.900
1,2-Dichloroethane-D4	0.467	0.456	0.471			0.4650	1.700

Comments:

Response Factor Report HP5973R

Method Path : C:\MSDCHEM\2\METHODS\624\
Method File : A8I0000864.M
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response Via : Initial Calibration

A8I..0864 624 5mL

Calibration Files
1 =R2921.D 2 =R2919.D 3 =R2918.D

			Compound	1	2	3	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD				
2)	M	C290	Dichlorodifluor	0.464	0.417	0.438	0.440	5.31
3)	M	C010	Chloromethane	0.756	0.627	0.627	0.670	11.16
4)	M	C020	Vinyl chloride	0.648	0.566	0.541	0.585	9.53
5)	M	C015	Bromomethane	0.277	0.241	0.254	0.257	7.09
6)	M	C025	Chloroethane	0.257	0.224	0.235	0.239	7.12
7)	M	C275	Trichlorofluoro	0.739	0.665	0.709	0.704	5.28
8)	M	C045	1,1-Dichloroeth	0.380	0.340	0.342	0.354	6.43
9)	M	C030	Methylene chlor	0.663	0.472	0.453	0.529	21.95
10)	T	C040	Carbon disulfid	1.171	1.179	1.301	1.217	5.96
11)	M	C036	Acrolein	0.037	0.033	0.027	0.032	15.96
12)	M	C038	Acrylonitrile	0.175	0.165	0.158	0.166	5.27
13)	T	C300	Acetonitrile	0.077	0.066	0.059	0.067	13.16
14)	T	C035	Acetone	0.153	0.131	0.132	0.138	9.05
15)	T	C276	Iodomethane	0.388	0.388	0.378	0.385	1.57
16)	T	C291	1,1,2-Trichloro	0.325	0.305	0.316	0.315	3.17
17)	T	C962	T-butyl Methyl	1.227	1.249	1.205	1.227	1.80
18)	M	C057	trans-1,2-Dichl	0.458	0.414	0.409	0.427	6.37
19)	M	C050	1,1-Dichloroeth	0.952	0.866	0.857	0.892	5.88
20)	T	C125	Vinyl Acetate	0.977	0.897	0.688	0.854	17.45
21)	T	C051	2,2-Dichloropro	0.729	0.709	0.736	0.725	1.89
22)	T	C056	cis-1,2-Dichlor	0.473	0.454	0.456	0.461	2.24
23)	T	C272	Tetrahydrofuran	0.130	0.135	0.131	0.132	2.05
24)	T	C222	Bromochlorometh	0.215	0.193	0.189	0.199	6.78
25)	M	C060	Chloroform	0.930	0.839	0.855	0.874	5.56
26)	M	C115	1,1,1-Trichloro	0.779	0.751	0.780	0.770	2.17
27)	M	C120	Carbon tetrachl	0.637	0.626	0.672	0.645	3.67
28)	T	C116	1,1-Dichloropro	0.643	0.623	0.636	0.634	1.60
29)	S	CS87	Dibromofluorome	0.392	0.386	0.394	0.391	1.14
30)	S	CS15	D4-1,2-Dichloro	0.467	0.456	0.471	0.465	1.71
31)	M	C165	Benzene	1.980	1.808	1.741	1.843	6.68
32)	M	C065	1,2-Dichloroeth	0.789	0.715	0.745	0.750	4.91
33)	M	C110	2-Butanone	0.212	0.207	0.202	0.207	2.50
34)	M	C150	Trichloroethene	0.473	0.433	0.446	0.451	4.45
35)	M	C140	1,2-Dichloropro	0.532	0.489	0.496	0.506	4.58
36)	T	C278	Dibromomethane	0.281	0.255	0.258	0.264	5.35
37)	M	C130	Bromodichlorome	0.636	0.644	0.670	0.650	2.73
38)	M	C161	2-Chloroethylvi	0.270	0.279	0.263	0.271	2.93
39)	M	C145	cis-1,3-Dichlor	0.754	0.780	0.809	0.781	3.54
40)	I	CI20	D5-Chlorobenzen	ISTD				
41)	S	CS05	D8-Toluene	1.410	1.413	1.392	1.405	0.81
42)	M	C230	Toluene	1.263	1.220	1.184	1.222	3.22
43)	M	C170	trans-1,3-Dichl	0.682	0.766	0.786	0.745	7.36
44)	T	C284	Ethyl Methacryl	0.481	0.597	0.593	0.557	11.81
45)	M	C160	1,1,2-Trichloro	0.368	0.336	0.334	0.346	5.61
46)	T	C210	4-Methyl-2-pent	0.450	0.466	0.416	0.444	5.75
47)	M	C220	Tetrachloroethe	0.412	0.381	0.392	0.395	3.99
48)	T	C221	1,3-Dichloropro	0.788	0.753	0.749	0.763	2.76
49)	M	C155	Dibromochlorome	0.412	0.441	0.461	0.438	5.61
50)	T	C163	1,2-Dibromoetha	0.379	0.386	0.388	0.384	1.28
51)	T	C215	2-Hexanone	0.301	0.325	0.309	0.312	3.97
52)	M	C235	Chlorobenzene	1.350	1.227	1.218	1.265	5.83
53)	T	C281	1,1,1,2-Tetrach	0.442	0.449	0.457	0.449	1.67
54)	M	C240	Ethylbenzene	2.319	2.259	2.103	2.227	5.01
55)	M	C246	m,p-Xylene	0.849	0.818	0.799	0.822	3.10

Response Factor Report HP5973R

Method Path : C:\MSDCHEM\2\METHODS\624\
Method File : A8I0000864.M
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response Via : Initial Calibration

56)	M	C247	o-Xylene	0.793	0.820	0.854	0.823	3.69
57)	T	C245	Styrene	1.337	1.372	1.385	1.365	1.85
58)	M	C180	Bromoform	0.218	0.251	0.276	0.248	11.60
59)	S	CS10	p-Bromofluoroben	0.547	0.565	0.602	0.571	4.86
60)	I	CI30	D4-1,4-Dichloro	----------ISTD----------				
61)	T	C966	Isopropylbenzen	3.496	3.732	3.298	3.509	6.20
62)	T	C301	Bromobenzene	0.970	0.927	0.867	0.921	5.61
63)	M	C225	1,1,2,2-Tetrach	1.003	0.948	0.867	0.940	7.28
64)	T	C282	1,2,3-Trichloro	2.347	2.472	2.239	2.353	4.96
65)	T	C283	t-1,4-Dichloro-	0.339	0.338	0.316	0.331	3.85
66)	T	C302	n-Propylbenzene	5.046	4.871	4.008	4.642	11.98
67)	T	C303	2-Chlorotoluene	0.928	0.903	0.850	0.894	4.48
68)	T	C289	4-Chlorotoluene	0.915	0.882	0.846	0.881	3.88
69)	T	C304	1,3,5-Trimethyl	3.512	3.518	3.161	3.397	6.02
70)	T	C306	tert-Butylbenze	0.643	0.681	0.643	0.656	3.38
71)	T	C307	1,2,4-Trimethyl	3.547	3.585	3.208	3.447	6.03
72)	T	C308	sec-Butylbenzen	4.222	4.295	3.707	4.075	7.86
73)	T	C260	1,3-Dichloroben	1.804	1.632	1.545	1.660	7.92
74)	T	C309	4-Isopropyltolu	3.180	3.288	3.026	3.165	4.17
75)	M	C267	1,4-Dichloroben	1.837	1.671	1.627	1.712	6.47
76)	M	C249	1,2-Dichloroben	1.771	1.701	1.625	1.699	4.31
77)	T	C310	n-Butylbenzene	2.791	2.998	2.795	2.862	4.14
78)	T	C286	1,2-Dibromo-3-C	0.163	0.189	0.191	0.181	8.77
79)	T	C313	1,2,4-Trichloro	0.963	1.050	1.021	1.012	4.37
80)	T	C316	Hexachlorobutad	0.707	0.539	0.522	0.590	17.37
81)	T	C314	Naphthalene	2.388	3.008	2.581	2.659	11.94
82)	T	C934	1,2,3-Trichloro	1.131	1.129	1.004	1.088	6.66

Total Average %RSD 5.87

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

A8I0000864.M Thu Nov 06 21:22:19 2008

Date: 11/07/2008
Time: 01:40:18

ICC Profile

ICC Profile Code: A00153 VOLATILE 624 - 3 Point Curve (5,50,100)
Fraction: MV

No of Points: 3 Default Min. RRF: 0.0000
CCC Conc: 250.00

QC Approver: JRS
QC Date: 07/05/2007

Comments:

Seq		Parameter	ng On Column Point 1	Point 2	Point 3
10	74-87-3	Chloromethane	25.0000	250.0000	500.0000
11	2037-26-5	Toluene-D8	150.0000	150.0000	150.0000
12	3114-55-4	Chlorobenzene-D5	150.0000	150.0000	150.0000
20	74-83-9	Bromomethane	25.0000	250.0000	500.0000
30	75-01-4	Vinyl chloride	25.0000	250.0000	500.0000
40	75-00-3	Chloroethane	25.0000	250.0000	500.0000
50	75-09-2	Methylene chloride	25.0000	250.0000	500.0000
60	67-64-1	Acetone	125.0000	1250.0000	2500.0000
70	75-15-0	Carbon Disulfide	25.0000	250.0000	500.0000
80	75-35-4	1,1-Dichloroethene	25.0000	250.0000	500.0000
90	75-34-3	1,1-Dichloroethane	25.0000	250.0000	500.0000
95	67-63-0	2-Propanol	1000.0000	10000.0000	20000.0000
98	156-59-2	cis-1,2-Dichloroethene	25.0000	250.0000	500.0000
99	156-60-5	trans-1,2-Dichloroethene	25.0000	250.0000	500.0000
100	540-59-0	1,2-Dichloroethene (Total)	50.0000	500.0000	1000.0000
101	540-36-3	1,4-Difluorobenzene	150.0000	150.0000	150.0000
102	3017-95-6	2-Bromo-1-Chloropropane	0.0000	250.0000	500.0000
104	54-28-81TIC	Bis(chloromethyl) ether (VOA T	0.0000	0.0000	0.0000
110	67-66-3	Chloroform	25.0000	250.0000	500.0000
115	542-75-6	1,3-Dichloropropene (Total)	50.0000	500.0000	1000.0000
120	107-06-2	1,2-Dichloroethane	25.0000	250.0000	500.0000
130	78-93-3	2-Butanone	125.0000	1250.0000	2500.0000
140	71-55-6	1,1,1-Trichloroethane	25.0000	250.0000	500.0000
150	56-23-5	Carbon Tetrachloride	25.0000	250.0000	500.0000
160	108-05-4	Vinyl acetate	125.0000	1250.0000	2500.0000
170	75-27-4	Bromodichloromethane	25.0000	250.0000	500.0000
180	78-87-5	1,2-Dichloropropane	25.0000	250.0000	500.0000
190	10061-01-5	cis-1,3-Dichloropropene	25.0000	250.0000	500.0000
200	79-01-6	Trichloroethene	25.0000	250.0000	500.0000
210	124-48-1	Dibromochloromethane	25.0000	250.0000	500.0000
220	79-00-5	1,1,2-Trichloroethane	25.0000	250.0000	500.0000
225	75-45-6	Chlorodifluoromethane	25.0000	250.0000	500.0000
230	71-43-2	Benzene	25.0000	250.0000	500.0000
240	10061-02-6	trans-1,3-Dichloropropene	25.0000	250.0000	500.0000
250	75-25-2	Bromoform	25.0000	250.0000	500.0000
260	108-10-1	4-Methyl-2-pentanone	125.0000	1250.0000	2500.0000
270	591-78-6	2-Hexanone	125.0000	1250.0000	2500.0000
280	127-18-4	Tetrachloroethene	25.0000	250.0000	500.0000
290	79-34-5	1,1,2,2-Tetrachloroethane	25.0000	250.0000	500.0000
300	108-88-3	Toluene	25.0000	250.0000	500.0000
310	108-90-7	Chlorobenzene	25.0000	250.0000	500.0000
320	100-41-4	Ethylbenzene	25.0000	250.0000	500.0000
330	100-42-5	Styrene	25.0000	250.0000	500.0000
340	1330-20-7	Total Xylenes	75.0000	750.0000	1500.0000
350	74-97-5	Bromochloromethane	25.0000	250.0000	500.0000
360	460-00-4	p-Bromofluorobenzene	150.0000	150.0000	150.0000
370	SU107-06-2	1,2-Dichloroethane-D4	150.0000	150.0000	150.0000

ICC Profile Code: A00153 VOLATILE 624 - 3 Point Curve (5,50,100) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3
380	630-20-6	1,1,1,2-Tetrachloroethane	25.0000	250.0000	500.0000
390	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	25.0000	250.0000	500.0000
400	563-58-6	1,1-Dichloropropene	25.0000	250.0000	500.0000
410	534-15-6	1,1-Dimethoxyethane	0.0000	250.0000	500.0000
420	87-61-6	1,2,3-Trichlorobenzene	25.0000	250.0000	500.0000
430	96-18-4	1,2,3-Trichloropropane	25.0000	250.0000	500.0000
440	120-82-1	1,2,4-Trichlorobenzene	25.0000	250.0000	500.0000
450	95-63-6	1,2,4-Trimethylbenzene	25.0000	250.0000	500.0000
460	12/14DCLB	1,2-& 1,4-Dichlorobenzene	50.0000	500.0000	1000.0000
470	96-12-8	1,2-Dibromo-3-chloropropane	25.0000	250.0000	500.0000
480	106-93-4	1,2-Dibromoethane	25.0000	250.0000	500.0000
490	95-50-1	1,2-Dichlorobenzene	25.0000	250.0000	500.0000
500	108-67-8	1,3,5-Trimethylbenzene	25.0000	250.0000	500.0000
510	541-73-1	1,3-Dichlorobenzene	25.0000	250.0000	500.0000
520	142-28-9	1,3-Dichloropropane	25.0000	250.0000	500.0000
530	106-46-7	1,4-Dichlorobenzene	25.0000	250.0000	500.0000
540	110-56-5	1,4-Dichlorobutane	0.0000	250.0000	500.0000
550	123-91-1	1,4-Dioxane	0.0000	250.0000	500.0000
570	594-20-7	2,2-Dichloropropane	25.0000	250.0000	500.0000
580	110-75-8	2-Chloroethylvinyl ether	125.0000	1250.0000	2500.0000
590	95-49-8	o-Chlorotoluene	25.0000	250.0000	500.0000
600	591-76-4	2-Methyl hexane	25.0000	250.0000	500.0000
610	497-26-7	2-Methyl-1,3-Dioxolane	25.0000	250.0000	500.0000
620	78-83-1	Isobutanol	0.0000	250.0000	500.0000
630	534-22-5	2-Methylfuran	25.0000	250.0000	500.0000
640	88-16-4	o-Monochlorobenzotrifluoride	25.0000	250.0000	500.0000
650	79-46-9	2-Nitropropane	25.0000	250.0000	500.0000
660	109-06-8	2-Picoline	0.0000	250.0000	500.0000
670	107-05-1	3-Chloropropene (Allyl Chlor.)	25.0000	250.0000	500.0000
680	589-34-4	3-Methyl hexane	25.0000	250.0000	500.0000
690	96-14-0	3-Methyl pentane	25.0000	250.0000	500.0000
700	98-15-7	m-Monochlorobenzotrifluoride	25.0000	250.0000	500.0000
710	99-87-6	p-Cymene	25.0000	250.0000	500.0000
720	98-56-6	p-Monochlorobenzotrifluoride	25.0000	250.0000	500.0000
730	75-05-8	Acetonitrile	1000.0000	10000.0000	20000.0000
740	107-02-8	Acrolein	500.0000	5000.0000	10000.0000
750	107-13-1	Acrylonitrile	125.0000	1250.0000	2500.0000
770	108-86-1	Bromobenzene	25.0000	250.0000	500.0000
790	71-36-3	n-Butyl alcohol	0.0000	250.0000	500.0000
810	126-99-8	2-Chloro-1,3-butadiene	25.0000	250.0000	500.0000
820	80-15-9	Cumene Hydroperoxide	25.0000	250.0000	500.0000
830	110-82-7	Cyclohexane	25.0000	250.0000	500.0000
840	108-94-1	Cyclohexanone	0.0000	250.0000	500.0000
850	74-95-3	Dibromomethane	25.0000	250.0000	500.0000
860	75-71-8	Dichlorodifluoromethane	25.0000	250.0000	500.0000
870	75-43-4	Dichlorofluoromethane	25.0000	250.0000	500.0000
880	106-89-8	Epichlorohydrin	0.0000	250.0000	500.0000
890	64-17-5	Ethanol	25.0000	250.0000	500.0000
900	141-78-6	Ethyl acetate	25.0000	250.0000	500.0000
901	126-98-7	Methacrylonitrile	25.0000	250.0000	500.0000
902	79-20-9	Methyl acetate	25.0000	250.0000	500.0000
903	96-37-7	Methyl cyclopentane	25.0000	250.0000	500.0000

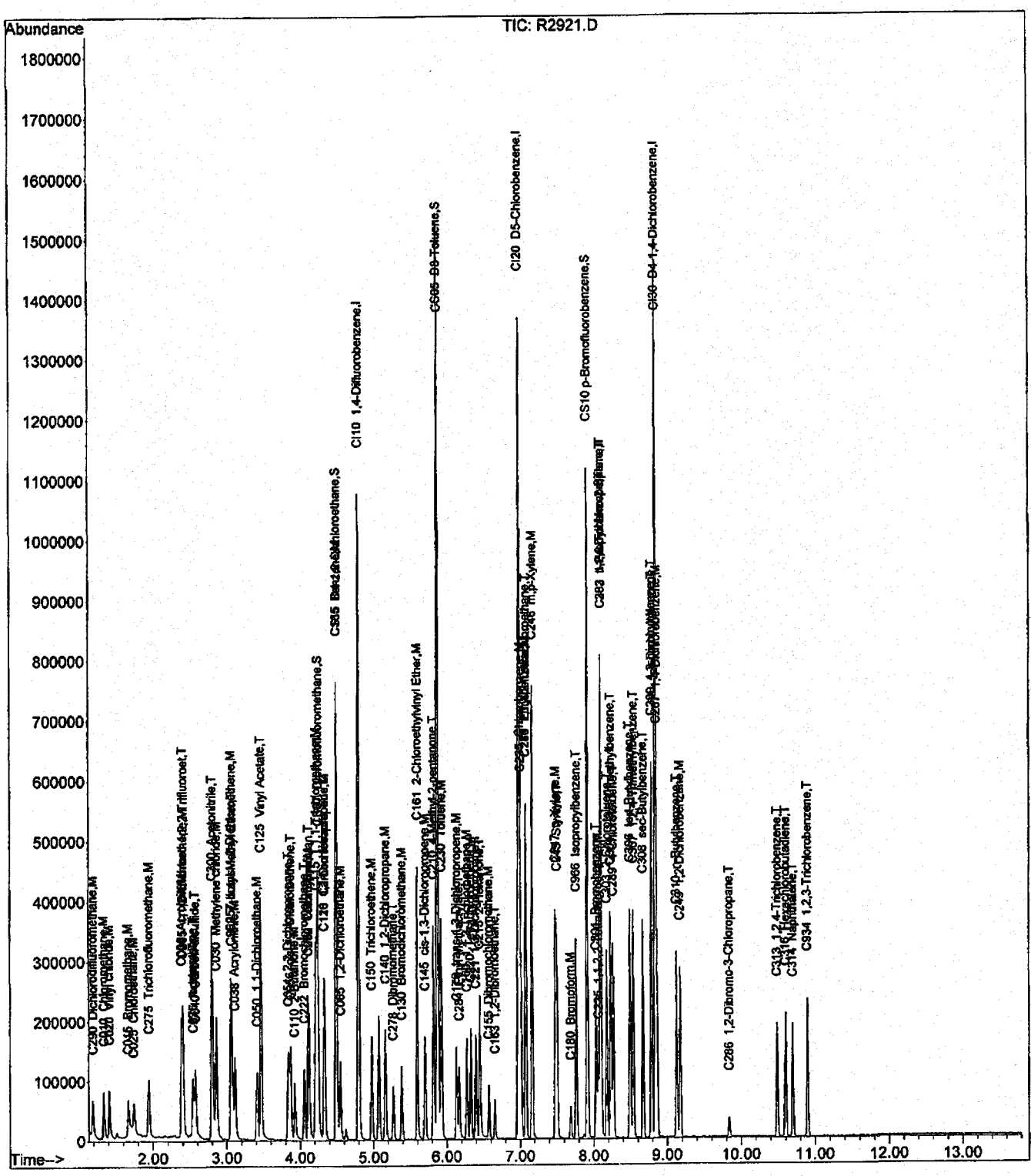
ICC Profile Code: A00153 VOLATILE 624 - 3 Point Curve (5,50,100) (continued)

Seq		Parameter	ng On Column Point 1	Point 2	Point 3
904	74-88-4	Iodomethane	25.0000	250.0000	500.0000
905	80-62-6	Methyl methacrylate	25.0000	250.0000	500.0000
906	91-20-3	Naphthalene	25.0000	250.0000	500.0000
907	95-47-6	o-Xylene	25.0000	250.0000	500.0000
908	76-01-7	Pentachloroethane	25.0000	250.0000	500.0000
909	107-12-0	Propionitrile	25.0000	250.0000	500.0000
910	140-88-5	Ethyl acrylate	25.0000	250.0000	500.0000
911	75-56-9	Propylene Oxide	0.0000	250.0000	500.0000
912	110-86-1	Pyridine	0.0000	250.0000	500.0000
913	109-99-9	Tetrahydrofuran	125.0000	1250.0000	2500.0000
914	110-01-0	Tetrahydrothiophene	25.0000	250.0000	500.0000
915	75-69-4	Trichlorofluoromethane	25.0000	250.0000	500.0000
917	108-41-8	m-Chlorotoluene	25.0000	250.0000	500.0000
918	123-86-4	n-Butyl acetate	25.0000	250.0000	500.0000
919	104-51-8	n-Butylbenzene	25.0000	250.0000	500.0000
920	60-29-7	Ethyl ether	25.0000	250.0000	500.0000
921	142-82-5	Heptane	25.0000	250.0000	500.0000
922	110-54-3	Hexane	25.0000	250.0000	500.0000
923	109-60-4	n-Propyl acetate	25.0000	250.0000	500.0000
924	103-65-1	n-Propylbenzene	25.0000	250.0000	500.0000
925	O,M CLTOL	o,m-Chlorotoluene	0.0000	250.0000	500.0000
926	106-43-4	p-Chlorotoluene	25.0000	250.0000	500.0000
927	135-98-8	sec-Butylbenzene	25.0000	250.0000	500.0000
928	75-65-0	tert-Butyl Alcohol (TBA)	0.0000	250.0000	500.0000
929	1634-04-4	Methyl-t-Butyl Ether (MTBE)	25.0000	250.0000	500.0000
930	97-63-2	Ethyl methacrylate	25.0000	250.0000	500.0000
931	98-06-6	tert-Butylbenzene	25.0000	250.0000	500.0000
933	110-57-6	trans-1,4-Dichloro-2-butene	125.0000	1250.0000	2500.0000
940	87-68-3	Hexachlorobutadiene	25.0000	250.0000	500.0000
950	110-19-0	Isobutyl acetate	25.0000	250.0000	500.0000
960	108-20-3	Isopropyl Ether (DIPE)	25.0000	250.0000	500.0000
970	108-21-4	Isopropyl acetate	25.0000	250.0000	500.0000
980	98-82-8	Isopropylbenzene	25.0000	250.0000	500.0000
985	67-72-1	Hexachloroethane	25.0000	250.0000	500.0000
990	M/P XYLENE	m/p-Xylenes	50.0000	500.0000	1000.0000
991	108-38-3	m-Xylene	50.0000	500.0000	1000.0000
995	542-88-1	Bis(Chloromethyl) Ether (TIC)	25.0000	250.0000	500.0000
997	SU106-46-7	1,4-Dichlorobenzene-D4	150.0000	150.0000	150.0000

Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2921.D Vial: 4
Acq On : 6 Nov 2008 20:50 Operator: MF
Sample : VSTD005 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 06 21:21:32 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2921.D Vial: 4
Acq On : 6 Nov 2008 20:50 Operator: MF
Sample : VSTD005 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 21:21:32 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.79	114	579917	150.00	ng		0.00 NA%
40) CI20	D5-Chlorobenzene	6.99	117	541716	150.00	ng		0.00 NA%
60) CI30	D4-1,4-Dichlorobenze	8.85	152	280418	150.00	ng		0.00 NA%
System Monitoring Compounds								
29) CS87	Dibromofluoromethane	4.25	111	189561	125.50	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	100.40%			
30) CS15	D4-1,2-Dichloroethan	4.49	65	270970	150.88	ng		0.00
Spiked Amount	150.000	Range	88 - 132	Recovery =	100.59%			
41) CS05	D8-Toluene	5.88	98	763710	150.51	ng		0.00
Spiked Amount	150.000	Range	87 - 110	Recovery =	100.34%			
59) CS10	p-Bromofluorobenzene	7.91	95	296381	143.66	NG		0.00
Spiked Amount	150.000	Range	78 - 122	Recovery =	95.77%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.19	85	44815	26.36	ng		95
3) C010	Chloromethane	1.34	50	73109	28.22	ng		95
4) C020	Vinyl chloride	1.41	62	62616	27.69	ng		96
5) C015	Bromomethane	1.67	94	26797	26.92	ng		85
6) C025	Chloroethane	1.74	64	24849	26.93	ng		89
7) C275	Trichlorofluorometha	1.95	101	71403	26.23	ng		100
8) C045	1,1-Dichloroethene	2.41	96	36770	26.85	ng		97
9) C030	Methylene chloride	2.86	84	64089	31.32	ng	#	78
10) C040	Carbon disulfide	2.57	76	113215	24.06	ng		98
11) C036	Acrolein	2.38	56	71477	575.52	ng		97
12) C038	Acrylonitrile	3.11	53	84731	132.00	ng		92
13) C300	Acetonitrile	2.80	41	297099	1142.26	ng		96
14) C035	Acetone	2.54	43	73856	138.05	ng		93
15) C276	Iodomethane	2.54	142	37499	25.22	ng		97
16) C291	1,1,2-Trichloro-1,2,	2.40	101	31369	25.74	NG		97
17) C962	T-butyl Methyl Ether	3.07	73	118628	25.00	ng	#	89
18) C057	trans-1,2-Dichloroet	3.06	96	44311	26.83	ng		100
19) C050	1,1-Dichloroethane	3.41	63	92043	26.69	ng		99
20) C125	Vinyl Acetate	3.46	43	472180	142.98	ng	#	93
21) C051	2,2-Dichloropropane	3.84	77	70507	25.16	ng		98
22) C056	cis-1,2-Dichloroethe	3.87	96	45740	25.64	ng		99
23) C272	Tetrahydrofuran	4.11	42	62774	123.00	ng	#	75
24) C222	Bromochloromethane	4.06	128	20737	26.94	ng	#	73
25) C060	Chloroform	4.12	83	89870	26.58	ng		95
26) C115	1,1,1-Trichloroethan	4.22	97	75291	25.29	ng		95
27) C120	Carbon tetrachloride	4.32	117	61574	24.69	ng		99
28) C116	1,1-Dichloropropene	4.34	75	62193	25.36	ng		99
31) C165	Benzene	4.50	78	191378	26.86	ng		95
32) C065	1,2-Dichloroethane	4.55	62	76212	26.29	ng		94
33) C110	2-Butanone	3.92	43	102376	128.04	ng	#	85
34) C150	Trichloroethene	4.98	95	45675	26.22	ng		96
35) C140	1,2-Dichloropropane	5.16	63	51465	26.31	ng		100
36) C278	Dibromomethane	5.27	93	27117	26.54	ng		94
37) C130	Bromodichloromethane	5.38	83	61450	24.47	ng		97
38) C161	2-Chloroethylvinyl E	5.60	63	130511	124.63	ng	#	90

Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2921.D Vial: 4
Acq On : 6 Nov 2008 20:50 Operator: MF
Sample : VSTD005 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 21:21:32 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

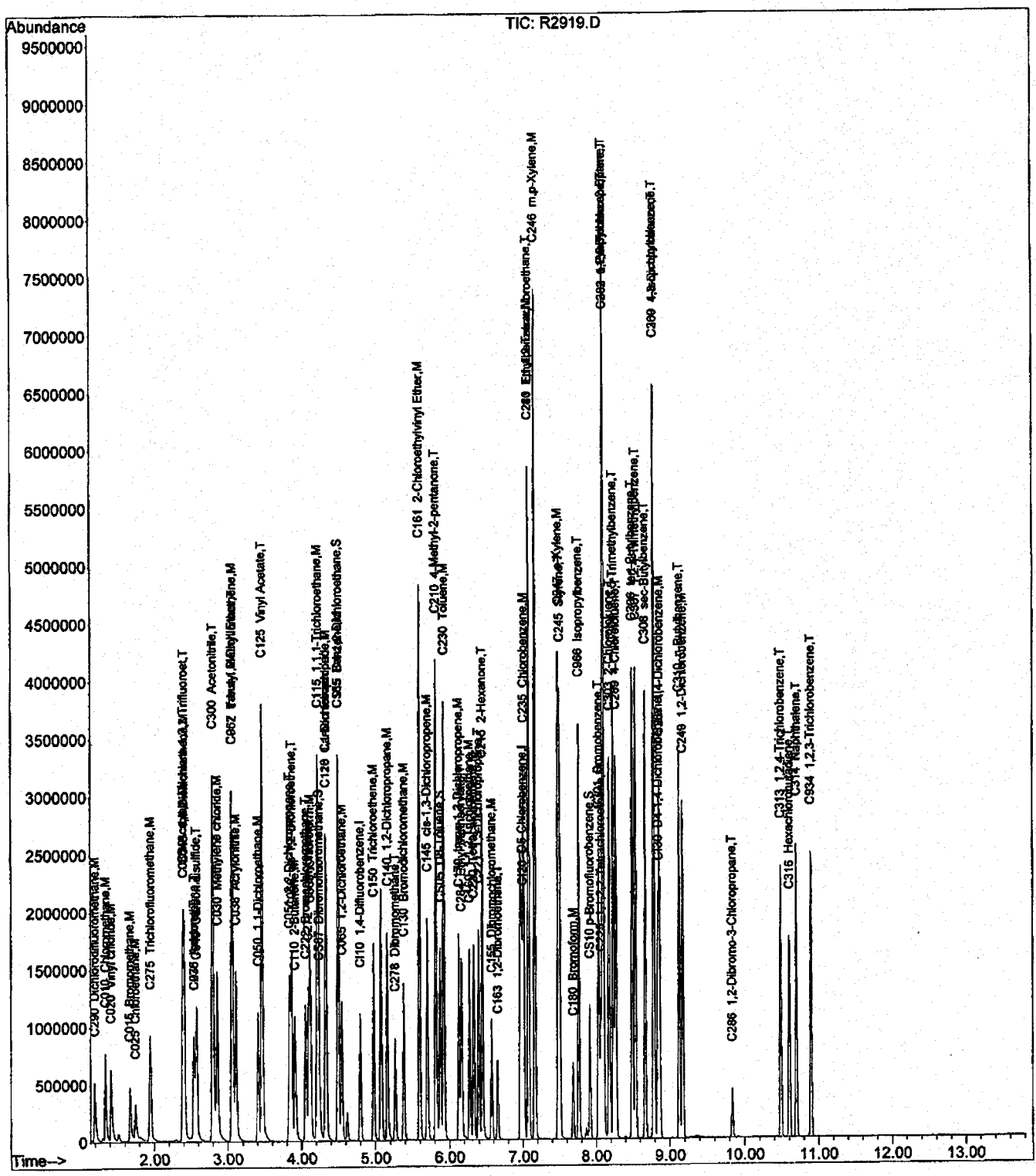
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloroprop	5.70	75	72834	24.13	ng		91
42) C230	Toluene	5.92	92	114008	25.82	ng		96
43) C170	trans-1,3-Dichloropr	6.13	75	61613	22.91	ng		95
44) C284	Ethyl Methacrylate	6.17	69	43434	21.59	ng	#	55
45) C160	1,1,2-Trichloroethan	6.27	83	33267	26.62	ng		97
46) C210	4-Methyl-2-pentanone	5.82	43	203312	126.82	ng	#	89
47) C220	Tetrachloroethene	6.33	166	37192	26.08	ng		91
48) C221	1,3-Dichloropropane	6.39	76	71101	25.79	ng		96
49) C155	Dibromochloromethane	6.58	129	37234	23.53	ng		91
50) C163	1,2-Dibromoethane	6.65	107	34204	24.65	ng		94
51) C215	2-Hexanone	6.45	43	135841	120.64	ng		91
52) C235	Chlorobenzene	7.01	112	121895	26.68	ng		99
53) C281	1,1,1,2-Tetrachloroe	7.08	131	39906	24.58	ng		95
54) C240	Ethylbenzene	7.07	91	209382	26.03	ng		99
55) C246	m,p-Xylene	7.17	106	153374	51.65	ng		98
56) C247	o-Xylene	7.48	106	71625	24.11	ng		99
57) C245	Styrene	7.50	104	120686	24.49	ng		96
58) C180	Bromoform	7.69	173	19692	21.96	ng		95
61) C966	Isopropylbenzene	7.76	105	163378	24.91	ng		95
62) C301	Bromobenzene	8.04	156	45331	26.31	ng		95
63) C225	1,1,2,2-Tetrachloroe	8.07	83	46894	26.70	ng		98
64) C282	1,2,3-Trichloropropa	8.10	75	109703	24.94	ng		74
65) C283	t-1,4-Dichloro-2-But	8.10	53	79163	127.96	ng	#	63
66) C302	n-Propylbenzene	8.10	91	235853	27.18	ng		98
67) C303	2-Chlorotoluene	8.18	126	43392	25.96	ng		100
68) C289	4-Chlorotoluene	8.27	126	42745	25.96	ng		100
69) C304	1,3,5-Trimethylbenze	8.23	105	164125	25.85	ng		98
70) C306	tert-Butylbenzene	8.50	134	30050	24.51	ng		100
71) C307	1,2,4-Trimethylbenze	8.54	105	165792	25.73	ng		98
72) C308	sec-Butylbenzene	8.67	105	197299	25.90	ng		97
73) C260	1,3-Dichlorobenzene	8.79	146	84291	27.16	ng		98
74) C309	4-Isopropyltoluene	8.79	119	148634	25.12	ng		99
75) C267	1,4-Dichlorobenzene	8.86	146	85857	26.83	ng		97
76) C249	1,2-Dichlorobenzene	9.17	146	82789	26.06	ng		98
77) C310	n-Butylbenzene	9.12	91	130461	24.39	ng		98
78) C286	1,2-Dibromo-3-Chloro	9.84	75	7596	22.47	ng		83
79) C313	1,2,4-Trichlorobenze	10.49	180	45028	23.81	ng		95
80) C316	Hexachlorobutadiene	10.60	225	33063	30.00	ng		98
81) C314	Naphthalene	10.70	128	111584	22.45	ng		100
82) C934	1,2,3-Trichlorobenze	10.90	180	52857	25.99	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2919.D Vial: 2
Acq On : 6 Nov 2008 19:57 Operator: MF
Sample : VSTD050 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 06 21:20:56 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2919.D Vial: 2
Acq On : 6 Nov 2008 19:57 Operator: MF
Sample : VSTD050 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 21:20:56 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.80	114	621320	150.00	ng		0.00 NA%
40) CI20	D5-Chlorobenzene	6.99	117	577119	150.00	ng		0.00 NA%
60) CI30	D4-1,4-Dichlorobenze	8.84	152	302017	150.00	ng		0.00 NA%
System Monitoring Compounds								
29) CS87	Dibromofluoromethane	4.25	111	199684	123.39	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery =	98.71%			
30) CS15	D4-1,2-Dichloroethan	4.49	65	283055	147.11	ng		0.00
Spiked Amount	150.000	Range	88 - 132	Recovery =	98.07%			
41) CS05	D8-Toluene	5.88	98	815677	150.89	ng		0.00
Spiked Amount	150.000	Range	87 - 110	Recovery =	100.59%			
59) CS10	p-Bromofluorobenzene	7.91	95	326098	148.37	NG		0.00
Spiked Amount	150.000	Range	78 - 122	Recovery =	98.91%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.19	85	431839	237.11	ng		97
3) C010	Chloromethane	1.34	50	649414	233.99	ng		99
4) C020	Vinyl chloride	1.41	62	585739	241.74	ng		97
5) C015	Bromomethane	1.67	94	249837	234.29	ng		97
6) C025	Chloroethane	1.75	64	231601	234.29	ng		84
7) C275	Trichlorofluorometha	1.95	101	688495	236.08	ng		96
8) C045	1,1-Dichloroethene	2.41	96	352229	240.10	ng		94
9) C030	Methylene chloride	2.86	84	488268	222.69	ng	#	75
10) C040	Carbon disulfide	2.57	76	1220618	242.16	ng		98
11) C036	Acrolein	2.38	56	675891	5079.48	ng		98
12) C038	Acrylonitrile	3.11	53	853366	1240.86	ng		97
13) C300	Acetonitrile	2.80	41	2717056	9750.17	ng		97
14) C035	Acetone	2.54	43	676917	1180.95	ng		94
15) C276	Iodomethane	2.55	142	401909	252.31	ng		99
16) C291	1,1,2-Trichloro-1,2,	2.39	101	315519	241.68	NG		98
17) C962	T-butyl Methyl Ether	3.07	73	1293791	254.50	ng	#	90
18) C057	trans-1,2-Dichloroet	3.06	96	428831	242.35	ng		90
19) C050	1,1-Dichloroethane	3.41	63	896972	242.79	ng		99
20) C125	Vinyl Acetate	3.46	43	4644404	1312.61	ng		97
21) C051	2,2-Dichloropropane	3.84	77	734616	244.68	ng		100
22) C056	cis-1,2-Dichloroethe	3.87	96	470612	246.27	ng		98
23) C272	Tetrahydrofuran	4.09	42	699274	1278.87	ng	#	78
24) C222	Bromochloromethane	4.06	128	200309	242.85	ng	#	65
25) C060	Chloroform	4.12	83	868489	239.78	ng		98
26) C115	1,1,1-Trichloroethan	4.22	97	777374	243.73	ng		97
27) C120	Carbon tetrachloride	4.32	117	648703	242.78	ng		97
28) C116	1,1-Dichloropropene	4.34	75	645565	245.71	ng		100
31) C165	Benzene	4.50	78	1872386	245.25	ng		97
32) C065	1,2-Dichloroethane	4.55	62	740746	238.53	ng		99
33) C110	2-Butanone	3.91	43	1072190	1251.63	ng	#	86
34) C150	Trichloroethene	4.98	95	448799	240.49	ng		98
35) C140	1,2-Dichloropropane	5.16	63	506740	241.78	ng		98
36) C278	Dibromomethane	5.27	93	263699	240.85	ng		96
37) C130	Bromodichloromethane	5.38	83	666391	247.65	ng		99
38) C161	2-Chloroethylvinyl E	5.60	63	1445546	1288.39	ng	#	88

Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2919.D Vial: 2
Acq On : 6 Nov 2008 19:57 Operator: MF
Sample : VSTD050 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 21:20:56 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

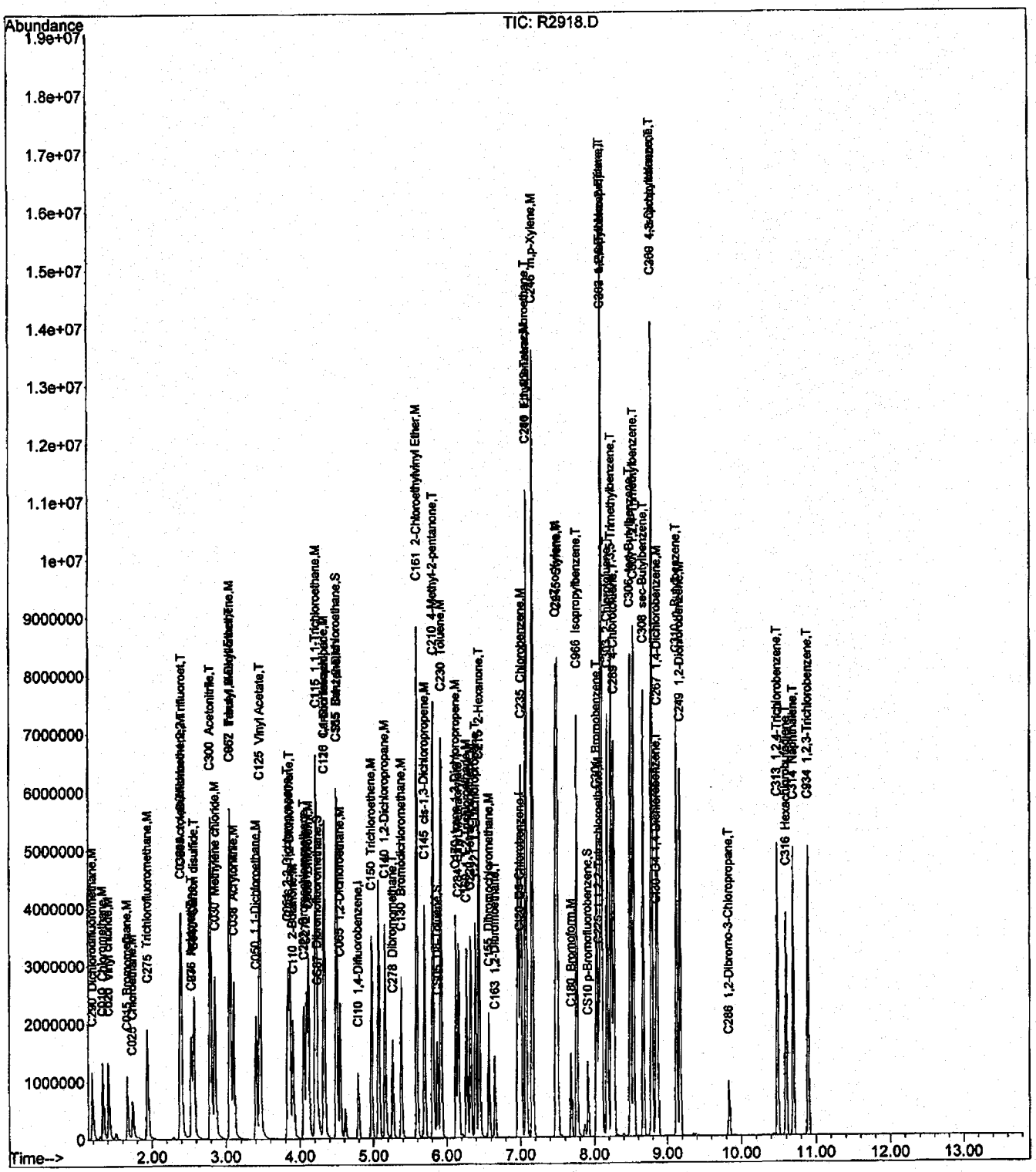
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloroprop	5.70	75	807828	249.77	ng		98
42) C230	Toluene	5.92	92	1173956	249.60	ng		98
43) C170	trans-1,3-Dichloropr	6.13	75	737113	257.24	ng		99
44) C284	Ethyl Methacrylate	6.16	69	574507	268.08	ng	#	59
45) C160	1,1,2-Trichloroethan	6.27	83	322743	242.39	ng		98
46) C210	4-Methyl-2-pentanone	5.82	43	2239149	1310.99	ng		95
47) C220	Tetrachloroethene	6.33	166	366348	241.12	ng		97
48) C221	1,3-Dichloropropane	6.39	76	724559	246.72	ng		100
49) C155	Dibromochloromethane	6.58	129	423973	251.48	ng		99
50) C163	1,2-Dibromoethane	6.65	107	370894	250.87	ng		97
51) C215	2-Hexanone	6.44	43	1564354	1304.09	ng		93
52) C235	Chlorobenzene	7.01	112	1180318	242.51	ng		99
53) C281	1,1,1,2-Tetrachloroe	7.08	131	432311	249.98	ng		97
54) C240	Ethylbenzene	7.07	91	2172923	253.60	ng		98
55) C246	m,p-Xylene	7.17	106	1574236	497.64	ng		88
56) C247	o-Xylene	7.48	106	789177	249.36	ng		99
57) C245	Styrene	7.50	104	1320064	251.39	ng		99
58) C180	Bromoform	7.69	173	241665	252.98	ng		95
61) C966	Isopropylbenzene	7.76	105	1878641	265.94	ng		99
62) C301	Bromobenzene	8.04	156	466856	251.62	ng		93
63) C225	1,1,2,2-Tetrachloroe	8.07	83	477281	252.28	ng		97
64) C282	1,2,3-Trichloropropa	8.10	75	1244391	262.68	ng	#	73
65) C283	t-1,4-Dichloro-2-But	8.10	53	850111	1275.90	ng	#	71
66) C302	n-Propylbenzene	8.10	91	2452068	262.36	ng		97
67) C303	2-Chlorotoluene	8.18	126	454768	252.65	ng		100
68) C289	4-Chlorotoluene	8.27	126	443822	250.25	ng		100
69) C304	1,3,5-Trimethylbenze	8.24	105	1770627	258.91	ng		100
70) C306	tert-Butylbenzene	8.50	134	342944	259.75	ng		100
71) C307	1,2,4-Trimethylbenze	8.54	105	1804770	260.04	ng		97
72) C308	sec-Butylbenzene	8.67	105	2161961	263.52	ng		100
73) C260	1,3-Dichlorobenzene	8.79	146	821261	245.70	ng		98
74) C309	4-Isopropyltoluene	8.79	119	1655120	259.75	ng		100
75) C267	1,4-Dichlorobenzene	8.86	146	841017	244.02	ng		95
76) C249	1,2-Dichlorobenzene	9.17	146	856198	250.27	ng		97
77) C310	n-Butylbenzene	9.12	91	1509249	261.95	ng		98
78) C286	1,2-Dibromo-3-Chloro	9.84	75	95114	261.27	ng	#	78
79) C313	1,2,4-Trichlorobenze	10.49	180	528701	259.55	ng		98
80) C316	Hexachlorobutadiene	10.60	225	271294	228.53	ng		98
81) C314	Naphthalene	10.70	128	1513967	282.83	ng		100
82) C934	1,2,3-Trichlorobenze	10.89	180	568104	259.35	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2918.D Vial: 1
Acq On : 6 Nov 2008 19:30 Operator: MF
Sample : VSTD100 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 06 21:21:14 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2918.D Vial: 1
Acq On : 6 Nov 2008 19:30 Operator: MF
Sample : VSTD100 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 21:21:14 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.79	114	601667	150.00	ng		0.00 NA%
40) CI20 D5-Chlorobenzene	6.99	117	577133	150.00	ng		0.00 NA%
60) CI30 D4-1,4-Dichlorobenze	8.84	152	340429	150.00	ng		0.00 NA%
System Monitoring Compounds							
29) CS87 Dibromofluoromethane	4.25	111	197621	126.11	ng		0.00
Spiked Amount 125.000 Range 70 - 130 Recovery = 100.89%							
30) CS15 D4-1,2-Dichloroethan	4.49	65	283231	152.01	ng		0.00
Spiked Amount 150.000 Range 88 - 132 Recovery = 101.34%							
41) CS05 D8-Toluene	5.88	98	803379	148.61	ng		0.00
Spiked Amount 150.000 Range 87 - 110 Recovery = 99.07%							
59) CS10 p-Bromofluorobenzene	7.91	95	347216	157.97	NG		0.00
Spiked Amount 150.000 Range 78 - 122 Recovery = 105.31%							
Target Compounds							Qvalue
2) C290 Dichlorodifluorometh	1.19	85	879204	498.51	ng		100
3) C010 Chloromethane	1.33	50	1256630	467.57	ng		99
4) C020 Vinyl chloride	1.41	62	1085912	462.80	ng		97
5) C015 Bromomethane	1.67	94	509051	492.96	ng		99
6) C025 Chloroethane	1.74	64	471690	492.76	ng		86
7) C275 Trichlorofluorometha	1.94	101	1421096	503.20	ng		97
8) C045 1,1-Dichloroethene	2.40	96	685792	482.74	ng	#	85
9) C030 Methylene chloride	2.86	84	909406	428.30	ng	#	77
10) C040 Carbon disulfide	2.57	76	2608322	534.38	ng		100
11) C036 Acrolein	2.38	56	1073441	8330.68	ng		98
12) C038 Acrylonitrile	3.11	53	1583852	2378.26	ng		97
13) C300 Acetonitrile	2.80	41	4764122	17654.50	ng		97
14) C035 Acetone	2.53	43	1319464	2377.13	ng		96
15) C276 Iodomethane	2.54	142	757274	490.93	ng		95
16) C291 1,1,2-Trichloro-1,2,	2.39	101	634357	501.77	NG		97
17) C962 T-butyl Methyl Ether	3.06	73	2417141	490.99	ng	#	90
18) C057 trans-1,2-Dichloroet	3.05	96	820283	478.71	ng	#	88
19) C050 1,1-Dichloroethane	3.41	63	1719357	480.58	ng		98
20) C125 Vinyl Acetate	3.46	43	6903390	2014.78	ng	#	91
21) C051 2,2-Dichloropropane	3.84	77	1475296	507.43	ng		99
22) C056 cis-1,2-Dichloroethe	3.87	96	915252	494.59	ng		97
23) C272 Tetrahydrofuran	4.09	42	1314328	2482.23	ng	#	79
24) C222 Bromochloromethane	4.06	128	379862	475.58	ng	#	66
25) C060 Chloroform	4.12	83	1714408	488.78	ng		99
26) C115 1,1,1-Trichloroethan	4.22	97	1565081	506.72	ng		96
27) C120 Carbon tetrachloride	4.32	117	1347201	520.66	ng		96
28) C116 1,1-Dichloropropene	4.34	75	1275559	501.35	ng		98
31) C165 Benzene	4.50	78	3492445	472.38	ng		93
32) C065 1,2-Dichloroethane	4.54	62	1494742	497.06	ng		99
33) C110 2-Butanone	3.90	43	2020694	2435.92	ng	#	84
34) C150 Trichloroethene	4.98	95	893773	494.57	ng		98
35) C140 1,2-Dichloropropane	5.16	63	994982	490.25	ng		100
36) C278 Dibromomethane	5.27	93	516945	487.58	ng		98
37) C130 Bromodichloromethane	5.38	83	1342942	515.37	ng		99
38) C161 2-Chloroethylvinyl E	5.60	63	2640880	2430.66	ng	#	86

Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2918.D Vial: 1
Acq On : 6 Nov 2008 19:30 Operator: MF
Sample : VSTD100 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 21:21:14 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:20:30 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloroprop	5.70	75	1622056	517.91	ng		98
42) C230	Toluene	5.92	92	2278026	484.33	ng		89
43) C170	trans-1,3-Dichloropr	6.13	75	1511179	527.37	ng		99
44) C284	Ethyl Methacrylate	6.16	69	1140138	532.00	ng	#	59
45) C160	1,1,2-Trichloroethan	6.27	83	642970	482.88	ng		99
46) C210	4-Methyl-2-pentanone	5.82	43	3999677	2341.70	ng		97
47) C220	Tetrachloroethene	6.33	166	753927	496.20	ng		93
48) C221	1,3-Dichloropropane	6.39	76	1441058	490.69	ng		100
49) C155	Dibromochloromethane	6.58	129	887602	526.47	ng		98
50) C163	1,2-Dibromoethane	6.65	107	747127	505.33	ng		96
51) C215	2-Hexanone	6.44	43	2973790	2478.98	ng		96
52) C235	Chlorobenzene	7.01	112	2342964	481.37	ng		95
53) C281	1,1,1,2-Tetrachloroe	7.08	131	879169	508.36	ng		97
54) C240	Ethylbenzene	7.07	91	4045280	472.11	ng		88
55) C246	m,p-Xylene	7.17	106	3073807	971.66	ng	#	61
56) C247	o-Xylene	7.48	106	1642847	519.08	ng	#	87
57) C245	Styrene	7.50	104	2665061	507.52	ng		93
58) C180	Bromoform	7.69	173	530004	554.81	ng		96
61) C966	Isopropylbenzene	7.76	105	3742018	469.95	ng		96
62) C301	Bromobenzene	8.04	156	983921	470.47	ng		92
63) C225	1,1,2,2-Tetrachloroe	8.07	83	984231	461.53	ng		99
64) C282	1,2,3-Trichloropropa	8.10	75	2540736	475.81	ng	#	72
65) C283	t-1,4-Dichloro-2-But	8.10	53	1794152	2388.93	ng	#	69
66) C302	n-Propylbenzene	8.10	91	4547891	431.70	ng		92
67) C303	2-Chlorotoluene	8.18	126	964652	475.44	ng		100
68) C289	4-Chlorotoluene	8.27	126	960278	480.35	ng		100
69) C304	1,3,5-Trimethylbenze	8.24	105	3586438	465.25	ng		93
70) C306	tert-Butylbenzene	8.50	134	729550	490.23	ng		100
71) C307	1,2,4-Trimethylbenze	8.54	105	3640339	465.34	ng		94
72) C308	sec-Butylbenzene	8.67	105	4207046	454.94	ng		90
73) C260	1,3-Dichlorobenzene	8.79	146	1753375	465.38	ng		95
74) C309	4-Isopropyltoluene	8.79	119	3433550	478.05	ng		94
75) C267	1,4-Dichlorobenzene	8.86	146	1846584	475.34	ng		95
76) C249	1,2-Dichlorobenzene	9.17	146	1844094	478.21	ng		94
77) C310	n-Butylbenzene	9.12	91	3171705	488.37	ng		100
78) C286	1,2-Dibromo-3-Chloro	9.84	75	216656	527.99	ng	#	78
79) C313	1,2,4-Trichlorobenze	10.49	180	1158892	504.73	ng		100
80) C316	Hexachlorobutadiene	10.60	225	592799	443.01	ng		99
81) C314	Naphthalene	10.70	128	2928387	485.33	ng		100
82) C934	1,2,3-Trichlorobenze	10.90	180	1139547	461.52	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

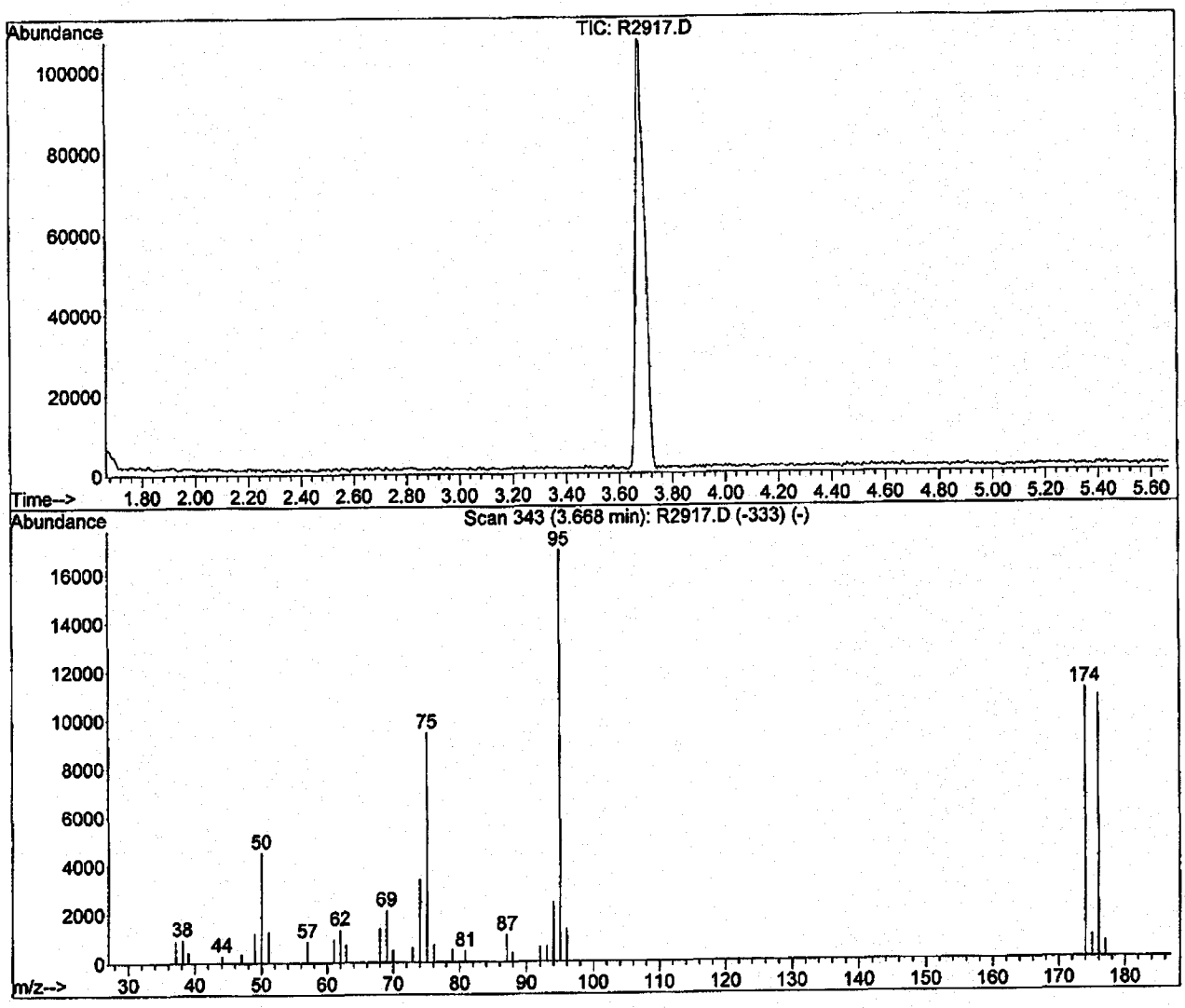
Raw QC Data

BFB

Data File : C:\MSDChem\2\DATA\110608\R2917.D
Acq On : 6 Nov 2008 19:00
Sample : 1106BFBR1
Misc :
MS Integration Params: NA

Vial: 43
Operator: MF
Inst : HP5973R
Multiplr: 1.00

Method : C:\MSDCHEM\2\MET...624\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Tue Nov 04 21:36:51 2008
Response via : Initial Calibration



Spectrum Information: Scan 343

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.8	4537	PASS
75	95	30	60	55.7	9447	PASS
95	95	100	100	100.0	16952	PASS
96	95	5	9	8.0	1352	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	65.3	11074	PASS
175	174	5	9	8.2	907	PASS
176	174	95	101	97.6	10803	PASS
177	176	5	9	6.1	664	PASS

Scan 343 (3.668 min): R2917.D (-333)
1106BFBR1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.10	894	62.90	741	87.90	401		
38.10	966	68.00	1393	92.00	621		
39.00	432	69.00	2136	93.10	663		
44.10	299	70.00	522	94.00	2443		
47.00	363	72.90	614	95.00	16952		
49.00	1199	74.00	3416	96.00	1352		
50.00	4537	75.10	9447	174.00	11074		
51.10	1258	76.10	735	175.00	907		
57.00	882	78.90	522	176.00	10803		
61.00	949	80.90	462	177.00	664		
62.00	1361	87.10	1129				

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

VBLK13

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8B2563402

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2925.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

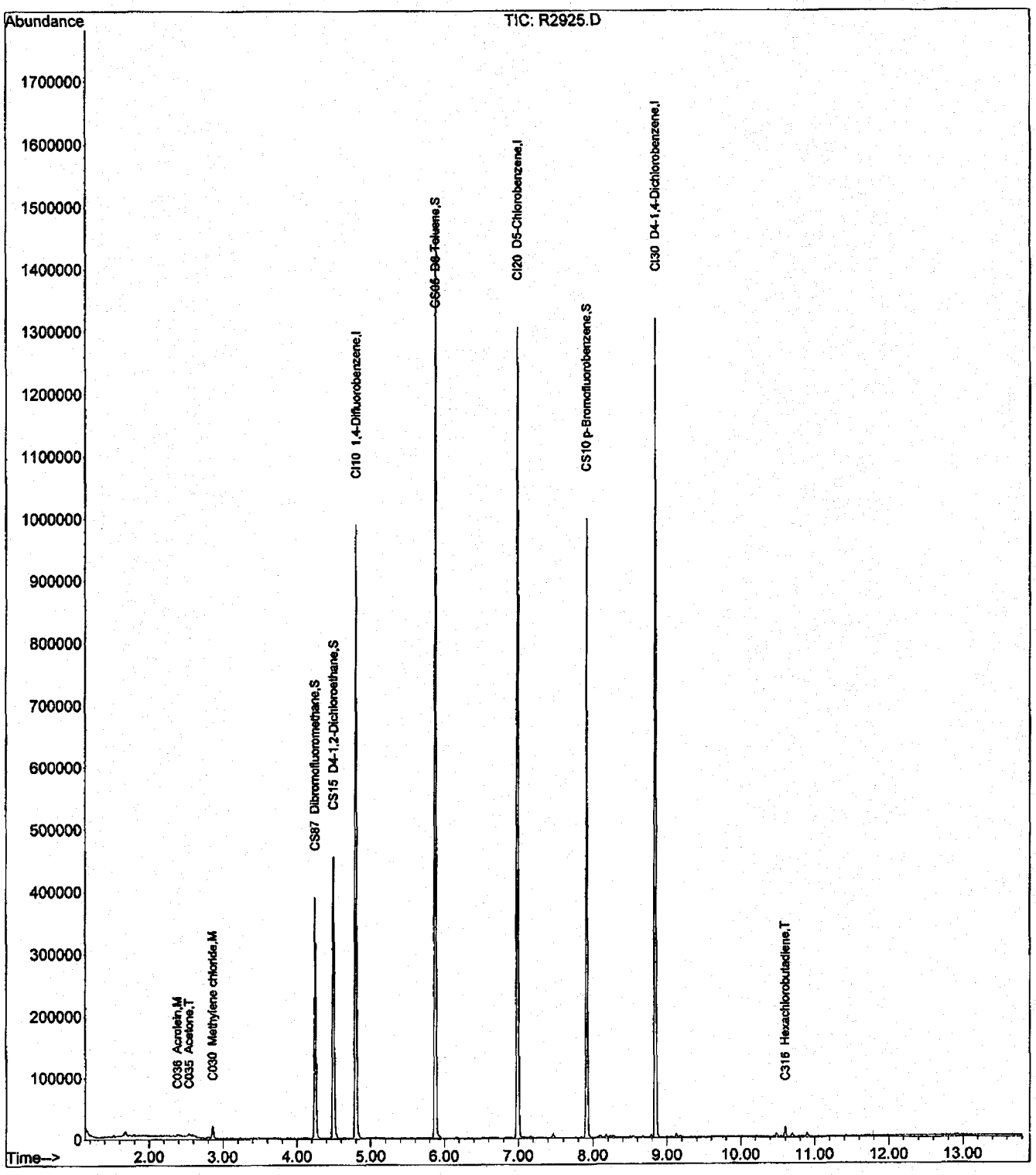
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	11	U
75-34-3	1,1-Dichloroethane	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U
79-01-6	Trichloroethene	1.5	U

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDChem\2\DATA\110608\R2925.D Vial: 8
Acq On : 6 Nov 2008 22:55 Operator: MF
Sample : VBLK13 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 06 23:09:28 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDChem\2\DATA\110608\R2925.D Vial: 8
Acq On : 6 Nov 2008 22:55 Operator: MF
Sample : VBLK13 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 23:09:28 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

STE 11/6/08 NO TIC NO BDD

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.80	114	538302	150.00	ng		0.00 NA%
40) CI20	D5-Chlorobenzene	6.99	117	489712	150.00	ng		0.00 NA%
60) CI30	D4-1,4-Dichlorobenze	8.84	152	241576	150.00	ng		0.00 NA%
System Monitoring Compounds								
29) CS87	Dibromofluoromethane	4.25	111	180021	128.40	ng		0.00
Spiked Amount	125.000	Range	70 - 130	Recovery	=	102.72%		
30) CS15	D4-1,2-Dichloroethan	4.50	65	261438	156.83	ng		0.00
Spiked Amount	150.000	Range	88 - 132	Recovery	=	104.55%		
41) CS05	D8-Toluene	5.88	98	684240	149.16	ng		0.00
Spiked Amount	150.000	Range	87 - 110	Recovery	=	99.44%		
59) CS10	p-Bromofluorobenzene	7.91	95	266163	142.71	NG		0.00
Spiked Amount	150.000	Range	78 - 122	Recovery	=	95.14%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.			
3) C010	Chloromethane	1.34	50	342	N.D.			
4) C020	Vinyl chloride	0.00	62	0	N.D.			
5) C015	Bromomethane	1.67	94	923	N.D.			
6) C025	Chloroethane	0.00	64	0	N.D.			
7) C275	Trichlorofluoromet	0.00	101	0	N.D.			
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.			
9) C030	Methylene chloride	2.86	84	6973	3.67	ng	#	80
10) C040	Carbon disulfide	2.58	76	811	N.D.			
11) C036	Acrolein	2.38	56	2670	23.16	ng	#	71
12) C038	Acrylonitrile	0.00	53	0	N.D.			
13) C300	Acetonitrile	2.80	41	1605	N.D.			
14) C035	Acetone	2.54	43	2969	5.98	ng	#	45
15) C276	Iodomethane	2.55	142	1276	N.D.			
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.			
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.			
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.			
19) C050	1,1-Dichloroethane	0.00	63	0	N.D.			
20) C125	Vinyl Acetate	3.47	43	598	N.D.			
21) C051	2,2-Dichloropropan	0.00	77	0	N.D.			
22) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.			
23) C272	Tetrahydrofuran	0.00	42	0	N.D.			
24) C222	Bromochloromethane	0.00	128	0	N.D.			
25) C060	Chloroform	4.12	83	379	N.D.			
26) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.			
27) C120	Carbon tetrachlori	0.00	117	0	N.D.			
28) C116	1,1-Dichloropropen	0.00	75	0	N.D.			
31) C165	Benzene	4.51	78	1178	N.D.			
32) C065	1,2-Dichloroethane	4.56	62	279	N.D.			
33) C110	2-Butanone	0.00	43	0	N.D.			
34) C150	Trichloroethene	0.00	95	0	N.D.			
35) C140	1,2-Dichloropropan	0.00	63	0	N.D.			
36) C278	Dibromomethane	0.00	93	0	N.D.			
37) C130	Bromodichlorometha	0.00	83	0	N.D.			
38) C161	2-Chloroethylvinyl	0.00	63	0	N.D.			

BELOW REPORTING LIMIT mm 11/12/2008

mm 11/12/2008

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDChem\2\DATA\110608\R2925.D Vial: 8
Acq On : 6 Nov 2008 22:55 Operator: MF
Sample : VBLK13 Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 23:09:28 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
42) C230	Toluene	5.92	92	531	N.D.		
43) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
44) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
45) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
46) C210	4-Methyl-2-pentano	5.88	43	3701	N.D.		
47) C220	Tetrachloroethene	6.33	166	363	N.D.		
48) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
49) C155	Dibromochlorometha	0.00	129	0	N.D.		
50) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
51) C215	2-Hexanone	0.00	43	0	N.D.		
52) C235	Chlorobenzene	7.01	112	1183	N.D.		
53) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
54) C240	Ethylbenzene	7.07	91	1405	N.D.		
55) C246	m,p-Xylene	7.16	106	673	N.D.		
56) C247	o-Xylene	0.00	106	0	N.D.		
57) C245	Styrene	7.51	104	316	N.D.		
58) C180	Bromoform	0.00	173	0	N.D.		
61) C966	Isopropylbenzene	7.77	105	316	N.D.		
62) C301	Bromobenzene	8.04	156	135	N.D.		
63) C225	1,1,2,2-Tetrachlor	8.07	83	134	N.D.		
64) C282	1,2,3-Trichloropro	0.00	75	0	N.D.	d	
65) C283	t-1,4-Dichloro-2-B	8.11	53	356	N.D.		
66) C302	n-Propylbenzene	8.09	91	2020	N.D.		
67) C303	2-Chlorotoluene	8.18	126	576	N.D.		
68) C289	4-Chlorotoluene	8.27	126	591	N.D.		
69) C304	1,3,5-Trimethylben	8.23	105	1099	N.D.		
70) C306	tert-Butylbenzene	0.00	134	0	N.D.		
71) C307	1,2,4-Trimethylben	8.54	105	1219	N.D.		
72) C308	sec-Butylbenzene	8.67	105	1896	N.D.		
73) C260	1,3-Dichlorobenzen	8.80	146	1047	N.D.		
74) C309	4-Isopropyltoluene	8.79	119	1674	N.D.		
75) C267	1,4-Dichlorobenzen	8.86	146	2199	N.D.		
76) C249	1,2-Dichlorobenzen	9.18	146	1064	N.D.		
77) C310	n-Butylbenzene	9.12	91	2923	N.D.		
78) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
79) C313	1,2,4-Trichloroben	10.49	180	1677	N.D.		
80) C316	Hexachlorobutadiene	10.60	225	3346	3.52	ng	86
81) C314	Naphthalene	10.70	128	4715	N.D.		
82) C934	1,2,3-Trichloroben	10.90	180	2155	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

MSB13

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8B2563401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2923.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/06/2008

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

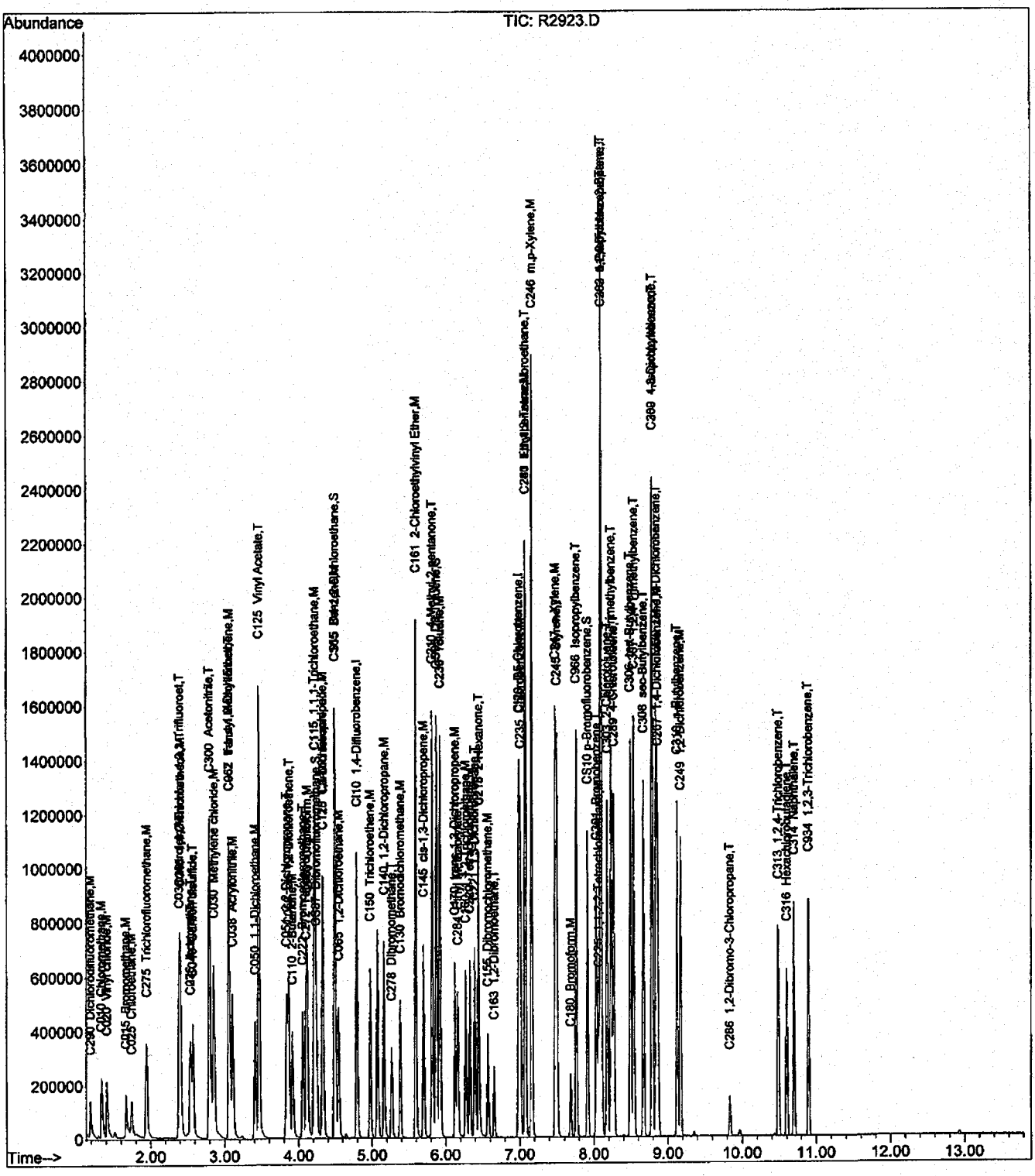
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	96	
75-34-3	1,1-Dichloroethane	21	
107-06-2	1,2-Dichloroethane	20	
79-01-6	Trichloroethene	20	

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2923.D Vial: 6
Acq On : 6 Nov 2008 22:01 Operator: MF
Sample : LCS Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 06 22:25:59 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2923.D Vial: 6
Acq On : 6 Nov 2008 22:01 Operator: MF
Sample : LCS Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 22:25:59 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.79	114	573572	150.00	ng		0.00 NA%
40) CI20	D5-Chlorobenzene	6.99	117	521928	150.00	ng		0.00 NA%
60) CI30	D4-1,4-Dichlorobenze	8.84	152	280496	150.00	ng		0.00 NA%
System Monitoring Compounds								
29) CS87	Dibromofluoromethane	4.25	111	189140	126.61	ng		0.00
Spiked Amount	125.000 Range	70 - 130		Recovery =	101.29%			
30) CS15	D4-1,2-Dichloroethan	4.50	65	267111	150.38	ng		0.00
Spiked Amount	150.000 Range	88 - 132		Recovery =	100.25%			
41) CS05	D8-Toluene	5.88	98	756619	154.76	ng		0.00
Spiked Amount	150.000 Range	87 - 110		Recovery =	103.17%			
59) CS10	p-Bromofluorobenzene	7.91	95	299192	150.52	NG		0.00
Spiked Amount	150.000 Range	78 - 122		Recovery =	100.35%			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.19	85	119017	70.79	ng		98
3) C010	Chloromethane	1.34	50	240389	93.83	ng		98
4) C020	Vinyl chloride	1.41	62	190976	85.38	ng		100
5) C015	Bromomethane	1.67	94	87351	88.73	ng		97
6) C025	Chloroethane	1.75	64	83527	91.53	ng		91
7) C275	Trichlorofluorometha	1.95	101	260933	96.92	ng		95
8) C045	1,1-Dichloroethene	2.41	96	129128	95.35	ng	#	88
9) C030	Methylene chloride	2.86	84	199835	98.73	ng	#	73
10) C040	Carbon disulfide	2.57	76	429560	92.32	ng		100
11) C036	Acrolein	2.38	56	235869	1920.18	ng		99
12) C038	Acrylonitrile	3.11	53	319317	502.96	ng		95
13) C300	Acetonitrile	2.80	41	1066485	4145.68	ng		97
14) C035	Acetone	2.54	43	253126	478.37	ng		96
15) C276	Iodomethane	2.55	142	159615	108.55	ng		95
16) C291	1,1,2-Trichloro-1,2,	2.40	101	116305	96.50	NG		96
17) C962	T-butyl Methyl Ether	3.07	73	454055	96.75	ng	#	88
18) C057	trans-1,2-Dichloroet	3.06	96	161183	98.67	ng		90
19) C050	1,1-Dichloroethane	3.41	63	352240	103.28	ng		100
20) C125	Vinyl Acetate	3.46	43	1900200	581.78	ng	#	93
21) C051	2,2-Dichloropropane	3.84	77	265110	95.65	ng		96
22) C056	cis-1,2-Dichloroethe	3.87	96	181070	102.64	ng		100
23) C272	Tetrahydrofuran	4.10	42	252257	499.75	ng	#	78
24) C222	Bromochloromethane	4.06	128	77683	102.02	ng	#	64
25) C060	Chloroform	4.12	83	341103	102.01	ng		99
26) C115	1,1,1-Trichloroethan	4.22	97	287114	97.51	ng		96
27) C120	Carbon tetrachloride	4.32	117	237135	96.14	ng		100
28) C116	1,1-Dichloropropene	4.34	75	232872	96.01	ng		95
31) C165	Benzene	4.50	78	730819	103.69	ng		99
32) C065	1,2-Dichloroethane	4.55	62	294999	102.90	ng		100
33) C110	2-Butanone	3.92	43	397825	503.06	ng	#	84
34) C150	Trichloroethene	4.98	95	169758	98.54	ng		98
35) C140	1,2-Dichloropropane	5.16	63	196361	101.49	ng		98
36) C278	Dibromomethane	5.27	93	100235	99.17	ng		96
37) C130	Bromodichloromethane	5.38	83	246224	99.12	ng		100
38) C161	2-Chloroethylvinyl E	5.60	63	571928	552.19	ng	#	88

Quantitation Report TA Buffalo (QT Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2923.D Vial: 6
Acq On : 6 Nov 2008 22:01 Operator: MF
Sample : LCS Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 06 22:25:59 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloroprop	5.70	75	295861	99.09	ng		99
42) C230	Toluene	5.92	92	446324	104.93	ng		99
43) C170	trans-1,3-Dichloropr	6.13	75	266210	102.73	ng		98
44) C284	Ethyl Methacrylate	6.17	69	198340	102.34	ng	#	59
45) C160	1,1,2-Trichloroethan	6.27	83	122594	101.81	ng		96
46) C210	4-Methyl-2-pentanone	5.82	43	847536	548.69	ng		92
47) C220	Tetrachloroethene	6.33	166	133943	97.48	ng		91
48) C221	1,3-Dichloropropane	6.39	76	276085	103.95	ng		98
49) C155	Dibromochloromethane	6.57	129	157636	103.39	ng		97
50) C163	1,2-Dibromoethane	6.65	107	136033	101.74	ng		98
51) C215	2-Hexanone	6.45	43	569365	524.83	ng		92
52) C235	Chlorobenzene	7.01	112	454292	103.21	ng		100
53) C281	1,1,1,2-Tetrachloroe	7.08	131	163391	104.47	ng		98
54) C240	Ethylbenzene	7.07	91	824578	106.41	ng		98
55) C246	m,p-Xylene	7.17	106	597103	208.71	ng		99
56) C247	o-Xylene	7.48	106	295772	103.34	ng		97
57) C245	Styrene	7.50	104	499764	105.24	ng		98
58) C180	Bromoform	7.69	173	83922	97.14	ng		98
61) C966	Isopropylbenzene	7.76	105	761138	116.01	ng		97
62) C301	Bromobenzene	8.04	156	175053	101.59	ng		91
63) C225	1,1,2,2-Tetrachloroe	8.07	83	175575	99.92	ng		98
64) C282	1,2,3-Trichloropropa	8.10	75	494774	112.46	ng	#	73
65) C283	t-1,4-Dichloro-2-But	8.10	53	344620	556.91	ng	#	69
66) C302	n-Propylbenzene	8.10	91	945960	108.98	ng		95
67) C303	2-Chlorotoluene	8.18	126	169001	101.09	ng		100
68) C289	4-Chlorotoluene	8.27	126	170584	103.56	ng		100
69) C304	1,3,5-Trimethylbenze	8.24	105	656448	103.35	ng		98
70) C306	tert-Butylbenzene	8.50	134	121888	99.40	ng		100
71) C307	1,2,4-Trimethylbenze	8.54	105	662445	102.77	ng		97
72) C308	sec-Butylbenzene	8.67	105	720870	94.61	ng		98
73) C260	1,3-Dichlorobenzene	8.79	146	311994	100.50	ng		97
74) C309	4-Isopropyltoluene	8.79	119	616519	104.18	ng		98
75) C267	1,4-Dichlorobenzene	8.86	146	310413	96.98	ng		93
76) C249	1,2-Dichlorobenzene	9.17	146	319066	100.42	ng		97
77) C310	n-Butylbenzene	9.12	91	524791	98.07	ng		96
78) C286	1,2-Dibromo-3-Chloro	9.84	75	34317	101.50	ng	#	77
79) C313	1,2,4-Trichlorobenze	10.49	180	178358	94.28	ng		97
80) C316	Hexachlorobutadiene	10.60	225	95233	86.38	ng		97
81) C314	Naphthalene	10.70	128	497024	99.97	ng		100
82) C934	1,2,3-Trichlorobenze	10.89	180	194365	95.54	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401MS

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2960.RR

Level: (low/med) LOW Date Samp/Recv: 11/05/2008 11/05/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/07/2008

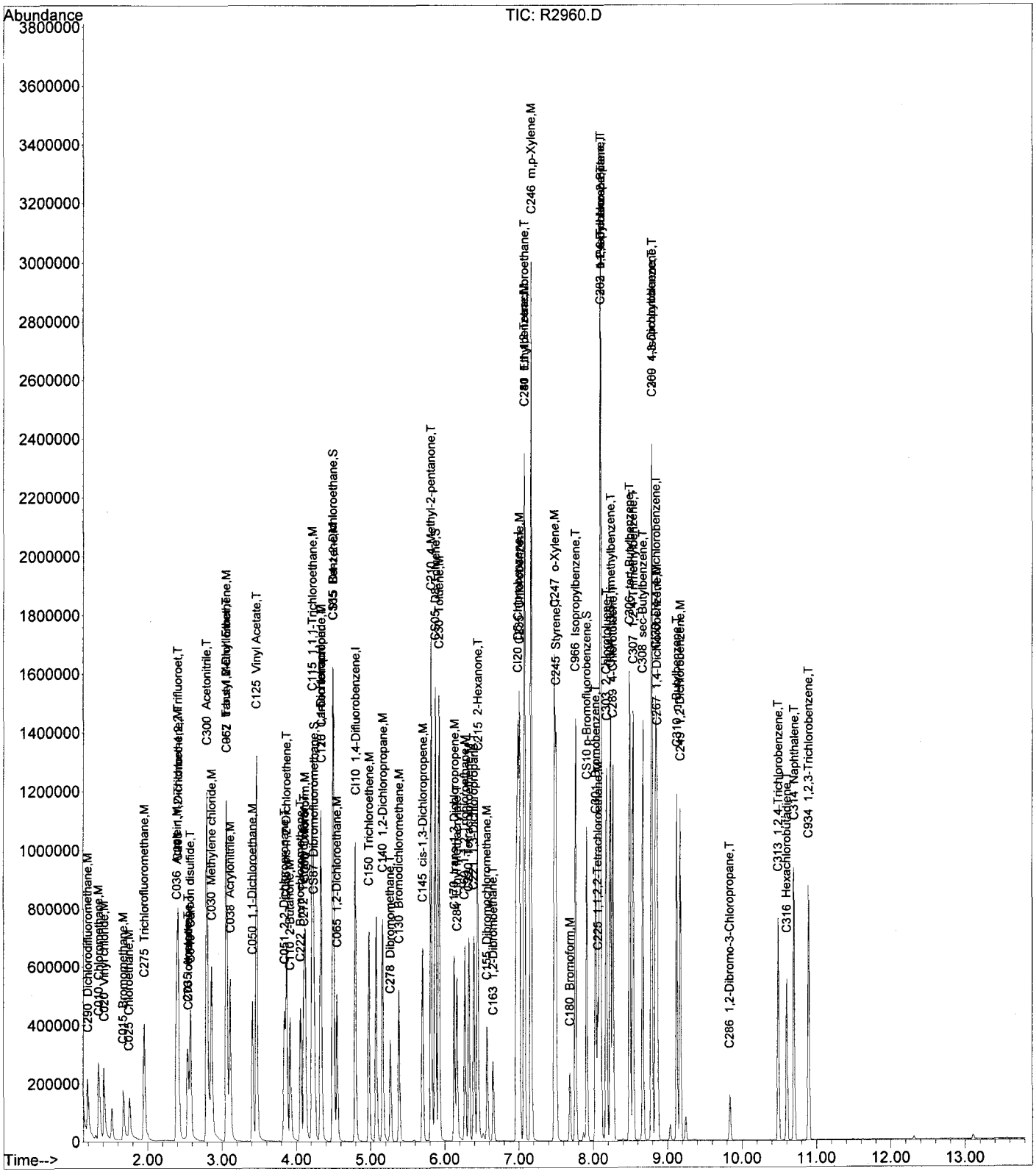
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	100	
75-34-3	1,1-Dichloroethane	22	
107-06-2	1,2-Dichloroethane	21	
79-01-6	Trichloroethene	23	

Data File : C:\MSDCHEM\2\DATA\110608\R2960.D Vial: 43
Acq On : 7 Nov 2008 14:33 Operator: MF
Sample : A8E03401MS Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 07 15:02:56 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Quantitation Report TA Buffalo (Not Reviewed)

Data File : C:\MSDCHEM\2\DATA\110608\R2960.D Vial: 43
Acq On : 7 Nov 2008 14:33 Operator: MF
Sample : A8E03401MS Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 15:02:56 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

S+E 11/12/08

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.80	114	563684	150.00	ng		0.00 NA%
40) CI20 D5-Chlorobenzene	6.99	117	525117	150.00	ng		0.00 NA%
60) CI30 D4-1,4-Dichlorobenze	8.84	152	271378	150.00	ng		0.00 NA%
System Monitoring Compounds							
29) CS87 Dibromofluoromethane	4.25	111	186233	126.85	ng		0.00
Spiked Amount 125.000 Range 70 - 130			Recovery = 101.48%				
30) CS15 D4-1,2-Dichloroethan	4.50	65	259663	148.75	ng		0.00
Spiked Amount 150.000 Range 88 - 132			Recovery = 99.17%				
41) CS05 D8-Toluene	5.88	98	734644	149.35	ng		0.00
Spiked Amount 150.000 Range 87 - 110			Recovery = 99.57%				
59) CS10 p-Bromofluorobenzene	7.91	95	288843	144.43	NG		0.00
Spiked Amount 150.000 Range 78 - 122			Recovery = 96.29%				
Target Compounds							Qvalue
2) C290 Dichlorodifluorometh	1.20	85	187162	113.27	ng		100
3) C010 Chloromethane	1.34	50	299067	118.77	ng		98
4) C020 Vinyl chloride	1.42	62	238921	108.69	ng		97
5) C015 Bromomethane	1.67	94	94486	97.66	ng		97
6) C025 Chloroethane	1.76	64	132834	148.12	ng		84
7) C275 Trichlorofluorometha	1.96	101	298442	112.80	ng		97
8) C045 1,1-Dichloroethene	2.41	96	149680	112.46	ng	#	88
9) C030 Methylene chloride	2.86	84	195712	98.39	ng	#	81
10) C040 Carbon disulfide	2.58	76	441282	96.50	ng		100
11) C036 Acrolein	2.39	56	230614	1910.33	ng		96
12) C038 Acrylonitrile	3.11	53	329109	527.48	ng		98
13) C300 Acetonitrile	2.80	41	1133161	4482.13	ng		95
14) C035 Acetone	2.54	43	275525	529.83	ng		94
15) C276 Iodomethane	2.55	142	135910	94.05	ng		93
16) C291 1,1,2-Trichloro-1,2,	2.40	101	119358	100.77	NG		96
17) C962 T-butyl Methyl Ether	3.07	73	469651	101.83	ng	#	90
18) C057 trans-1,2-Dichloroet	3.06	96	181265	112.91	ng	#	87
19) C050 1,1-Dichloroethane	3.41	63	377127	112.52	ng		98
20) C125 Vinyl Acetate	3.47	43	1506500	469.33	ng	#	94
21) C051 2,2-Dichloropropane	3.84	77	214720	78.83	ng		99
22) C056 cis-1,2-Dichloroethe	3.87	96	197032	113.65	ng		98
23) C272 Tetrahydrofuran	4.10	42	271078	546.45	ng	#	78
24) C222 Bromochloromethane	4.06	128	78879	105.41	ng	#	76
25) C060 Chloroform	4.12	83	364352	110.88	ng		97
26) C115 1,1,1-Trichloroethan	4.22	97	320497	110.76	ng		93
27) C120 Carbon tetrachloride	4.33	117	267753	110.45	ng		98
28) C116 1,1-Dichloropropene	4.34	75	262400	110.08	ng		98
31) C165 Benzene	4.50	78	782058	112.91	ng		98
32) C065 1,2-Dichloroethane	4.55	62	296214	105.14	ng		98
33) C110 2-Butanone	3.92	43	430014	553.31	ng	#	86
34) C150 Trichloroethene	4.98	95	191584	113.16	ng		99
35) C140 1,2-Dichloropropane	5.16	63	201694	106.08	ng		100
36) C278 Dibromomethane	5.27	93	105494	106.21	ng		96
37) C130 Bromodichloromethane	5.38	83	252477	103.42	ng		98
38) C161 2-Chloroethylvinyl	5.71	63	1194	N.D.			

11/12/08

Data File : C:\MSDCHEM\2\DATA\110608\R2960.D Vial: 43
Acq On : 7 Nov 2008 14:33 Operator: MF
Sample : A8E03401MS Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 15:02:56 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloroprop	5.71	75	273779	93.31	ng		99
42) C230	Toluene	5.92	92	471519	110.18	ng		99
43) C170	trans-1,3-Dichloropr	6.13	75	255868	98.14	ng		97
44) C284	Ethyl Methacrylate	6.17	69	202614	103.91	ng	#	57
45) C160	1,1,2-Trichloroethan	6.27	83	126332	104.27	ng		100
46) C210	4-Methyl-2-pentanone	5.82	43	936187	602.41	ng		92
47) C220	Tetrachloroethene	6.33	166	146003	105.61	ng		94
48) C221	1,3-Dichloropropane	6.39	76	284047	106.30	ng		98
49) C155	Dibromochloromethane	6.58	129	158834	103.54	ng		99
50) C163	1,2-Dibromoethane	6.65	107	141844	105.44	ng		96
51) C215	2-Hexanone	6.45	43	650096	595.61	ng		93
52) C235	Chlorobenzene	7.01	112	552813	124.83	ng		99
53) C281	1,1,1,2-Tetrachloroe	7.08	131	166407	105.75	ng		98
54) C240	Ethylbenzene	7.07	91	867271	111.24	ng		100
55) C246	m,p-Xylene	7.17	106	623019	216.45	ng		99
56) C247	o-Xylene	7.48	106	301551	104.72	ng		99
57) C245	Styrene	7.50	104	479365	100.33	ng		98
58) C180	Bromoform	7.69	173	85071	97.87	ng		97
61) C966	Isopropylbenzene	7.76	105	727844	114.67	ng		98
62) C301	Bromobenzene	8.04	156	177125	106.24	ng	#	89
63) C225	1,1,2,2-Tetrachloroe	8.07	83	193174	113.63	ng		97
64) C282	1,2,3-Trichloropropa	8.10	75	430029	101.02	ng		76
65) C283	t-1,4-Dichloro-2-But	8.10	53	287185	479.69	ng	#	69
66) C302	n-Propylbenzene	8.10	91	959830	114.29	ng		95
67) C303	2-Chlorotoluene	8.18	126	174445	107.85	ng		100
68) C289	4-Chlorotoluene	8.27	126	167135	104.88	ng		100
69) C304	1,3,5-Trimethylbenze	8.24	105	640343	104.20	ng		98
70) C306	tert-Butylbenzene	8.50	134	129397	109.07	ng		100
71) C307	1,2,4-Trimethylbenze	8.54	105	656549	105.28	ng		98
72) C308	sec-Butylbenzene	8.67	105	799192	108.41	ng		99
73) C260	1,3-Dichlorobenzene	8.79	146	309117	102.92	ng		97
74) C309	4-Isopropyltoluene	8.79	119	590809	103.19	ng		98
75) C267	1,4-Dichlorobenzene	8.86	146	326846	105.54	ng		95
76) C249	1,2-Dichlorobenzene	9.17	146	319742	104.01	ng		94
77) C310	n-Butylbenzene	9.12	91	500069	96.59	ng		98
78) C286	1,2-Dibromo-3-Chloro	9.84	75	34182	104.50	ng	#	75
79) C313	1,2,4-Trichlorobenze	10.49	180	170598	93.21	ng		93
80) C316	Hexachlorobutadiene	10.60	225	84099	78.84	ng		98
81) C314	Naphthalene	10.70	128	556202	115.64	ng		100
82) C934	1,2,3-Trichlorobenze	10.90	180	188251	95.64	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

OLIN - 624 - SELECT VOAS - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401SD

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: R2961.RR

Level: (low/med) LOW Date Samp/Recv: 11/05/2008 11/05/2008

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/07/2008

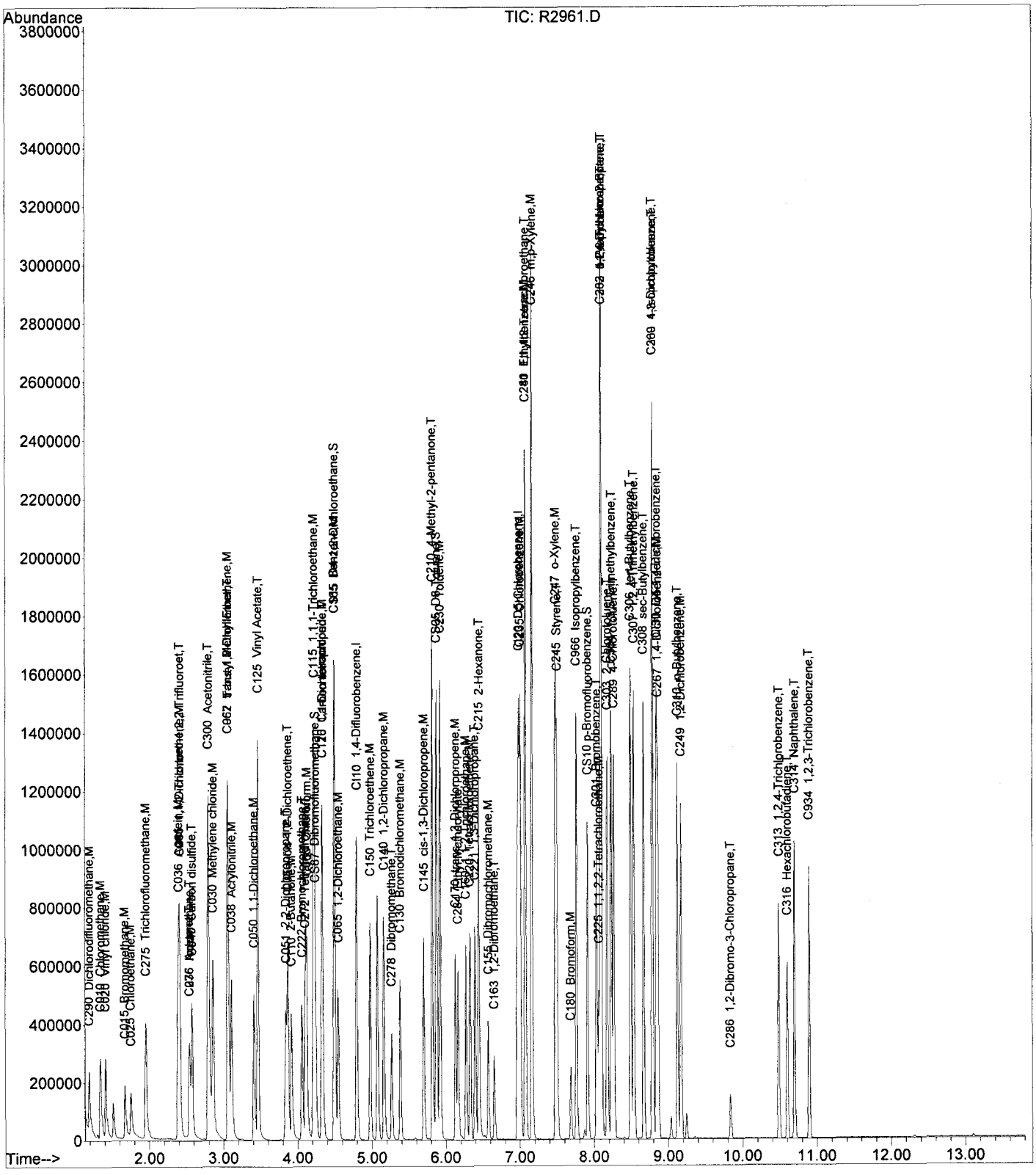
GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	100	
75-34-3	1,1-Dichloroethane	22	
107-06-2	1,2-Dichloroethane	21	
79-01-6	Trichloroethene	23	

Data File : C:\MSDCHEM\2\DATA\110608\R2961.D Vial: 44
Acq On : 7 Nov 2008 14:59 Operator: MF
Sample : A8E03401SD Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 07 15:26:18 2008 Results File: A8I0000864.RES
Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M



Data File : C:\MSDCHEM\2\DATA\110608\R2961.D Vial: 44
Acq On : 7 Nov 2008 14:59 Operator: MF
Sample : A8E03401SD Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 15:26:18 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.80	114	577642	150.00	ng		0.00 NA%
40) CI20 D5-Chlorobenzene	6.99	117	534533	150.00	ng		0.00 NA%
60) CI30 D4-1,4-Dichlorobenze	8.84	152	278816	150.00	ng		0.00 NA%
System Monitoring Compounds							
29) CS87 Dibromofluoromethane	4.25	111	191798	127.48	ng		0.00
Spiked Amount 125.000 Range 70 - 130			Recovery = 101.98%				
30) CS15 D4-1,2-Dichloroethan	4.50	65	264030	147.60	ng		0.00
Spiked Amount 150.000 Range 88 - 132			Recovery = 98.40%				
41) CS05 D8-Toluene	5.88	98	742420	148.28	ng		0.00
Spiked Amount 150.000 Range 87 - 110			Recovery = 98.85%				
59) CS10 p-Bromofluorobenzene	7.91	95	296864	145.83	NG		0.00
Spiked Amount 150.000 Range 78 - 122			Recovery = 97.22%				
Target Compounds							Qvalue
2) C290 Dichlorodifluorometh	1.19	85	189566	111.96	ng		100
3) C010 Chloromethane	1.34	50	304552	118.03	ng		98
4) C020 Vinyl chloride	1.41	62	248864	110.47	ng		99
5) C015 Bromomethane	1.67	94	103697	104.60	ng		96
6) C025 Chloroethane	1.75	64	137273	149.37	ng		82
7) C275 Trichlorofluorometha	1.96	101	301986	111.38	ng		97
8) C045 1,1-Dichloroethene	2.41	96	150940	110.67	ng		87
9) C030 Methylene chloride	2.86	84	201170	98.69	ng	#	80
10) C040 Carbon disulfide	2.58	76	468956	100.07	ng		99
11) C036 Acrolein	2.39	56	246035	1988.82	ng		100
12) C038 Acrylonitrile	3.11	53	340158	532.01	ng		96
13) C300 Acetonitrile	2.80	41	1132242	4370.28	ng		97
14) C035 Acetone	2.54	43	281898	528.99	ng		95
15) C276 Iodomethane	2.55	142	152517	102.99	ng		97
16) C291 1,1,2-Trichloro-1,2,	2.40	101	126031	103.84	NG		96
17) C962 T-butyl Methyl Ether	3.07	73	494072	104.54	ng	#	88
18) C057 trans-1,2-Dichloroet	3.06	96	185453	112.73	ng		93
19) C050 1,1-Dichloroethane	3.41	63	386789	112.61	ng		98
20) C125 Vinyl Acetate	3.47	43	1561452	474.70	ng	#	94
21) C051 2,2-Dichloropropane	3.84	77	215155	77.08	ng		99
22) C056 cis-1,2-Dichloroethe	3.87	96	206743	116.37	ng		93
23) C272 Tetrahydrofuran	4.10	42	273604	538.22	ng	#	78
24) C222 Bromochloromethane	4.06	128	81609	106.42	ng	#	70
25) C060 Chloroform	4.12	83	365687	108.59	ng		99
26) C115 1,1,1-Trichloroethan	4.22	97	328392	110.75	ng		95
27) C120 Carbon tetrachloride	4.33	117	277358	111.65	ng		98
28) C116 1,1-Dichloropropene	4.34	75	273130	111.82	ng		97
31) C165 Benzene	4.50	78	805884	113.54	ng		99
32) C065 1,2-Dichloroethane	4.55	62	301264	104.35	ng		97
33) C110 2-Butanone	3.92	43	436942	548.63	ng	#	85
34) C150 Trichloroethene	4.98	95	198269	114.28	ng		96
35) C140 1,2-Dichloropropane	5.16	63	207367	106.42	ng		99
36) C278 Dibromomethane	5.27	93	106702	104.83	ng		94
37) C130 Bromodichloromethane	5.38	83	261052	104.35	ng		99
38) C161 2-Chloroethylvinyl	5.71	63	1540	N.D.			

Data File : C:\MSDCHEM\2\DATA\110608\R2961.D Vial: 44
Acq On : 7 Nov 2008 14:59 Operator: MF
Sample : A8E03401SD Inst : HP5973R
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 07 15:26:18 2008 Results File: A8I0000864.RES

Quant Method : C:\MSDCHEM\2...\A8I0000864.M (RTE Integrator)
Title : 624 WATER
Last Update : Thu Nov 06 21:22:14 2008
Response via : Initial Calibration
DataAcq Meth : VOAS.M
IS QA File : CC level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
39) C145	cis-1,3-Dichloroprop	5.71	75	284563	94.64	ng		99
42) C230	Toluene	5.92	92	477561	109.63	ng		98
43) C170	trans-1,3-Dichloropr	6.13	75	263285	99.20	ng		99
44) C284	Ethyl Methacrylate	6.17	69	212567	107.09	ng	#	58
45) C160	1,1,2-Trichloroethan	6.27	83	133902	108.58	ng		97
46) C210	4-Methyl-2-pentanone	5.82	43	963083	608.80	ng		92
47) C220	Tetrachloroethene	6.33	166	152278	108.21	ng		94
48) C221	1,3-Dichloropropane	6.39	76	291228	107.07	ng		99
49) C155	Dibromochloromethane	6.58	129	161834	103.64	ng		99
50) C163	1,2-Dibromoethane	6.65	107	148324	108.32	ng		97
51) C215	2-Hexanone	6.45	43	664201	597.81	ng		93
52) C235	Chlorobenzene	7.01	112	564265	125.17	ng		100
53) C281	1,1,1,2-Tetrachloroe	7.08	131	169305	105.70	ng		94
54) C240	Ethylbenzene	7.07	91	900416	113.46	ng		100
55) C246	m,p-Xylene	7.17	106	632208	215.77	ng		99
56) C247	o-Xylene	7.48	106	316633	108.02	ng		99
57) C245	Styrene	7.50	104	488808	100.50	ng		99
58) C180	Bromoform	7.69	173	87121	98.47	ng		92
61) C966	Isopropylbenzene	7.77	105	755576	115.86	ng		98
62) C301	Bromobenzene	8.04	156	185339	108.21	ng		91
63) C225	1,1,2,2-Tetrachloroe	8.07	83	196476	112.49	ng		98
64) C282	1,2,3-Trichloropropa	8.10	75	446319	102.05	ng	#	73
65) C283	t-1,4-Dichloro-2-But	8.10	53	295029	479.64	ng	#	71
66) C302	n-Propylbenzene	8.10	91	1000373	115.94	ng		95
67) C303	2-Chlorotoluene	8.18	126	181083	108.97	ng		100
68) C289	4-Chlorotoluene	8.27	126	171462	104.72	ng		100
69) C304	1,3,5-Trimethylbenze	8.24	105	662327	104.91	ng		99
70) C306	tert-Butylbenzene	8.49	134	133647	109.65	ng		100
71) C307	1,2,4-Trimethylbenze	8.54	105	674529	105.28	ng		97
72) C308	sec-Butylbenzene	8.67	105	849579	112.17	ng		99
73) C260	1,3-Dichlorobenzene	8.79	146	321415	104.16	ng		97
74) C309	4-Isopropyltoluene	8.79	119	623845	106.05	ng		98
75) C267	1,4-Dichlorobenzene	8.86	146	341028	107.18	ng		96
76) C249	1,2-Dichlorobenzene	9.17	146	336712	106.61	ng		99
77) C310	n-Butylbenzene	9.12	91	540838	101.68	ng		97
78) C286	1,2-Dibromo-3-Chloro	9.84	75	34990	104.11	ng	#	75
79) C313	1,2,4-Trichlorobenze	10.49	180	185037	98.40	ng		99
80) C316	Hexachlorobutadiene	10.60	225	93519	85.33	ng		99
81) C314	Naphthalene	10.70	128	585977	118.58	ng		100
82) C934	1,2,3-Trichlorobenze	10.90	180	207698	102.71	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

GC/MS VOLATILE INJECTION LOG

Logbook # A07-11-05

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
11/5/08	1047	TLG	R2902	A8D831 11DL B	D831	5mL	1	5000
	1114		R2903	A8D86704 B	D867			250
	1140		R2904	06 B				5
	1207		R2905	08 B				5
	1234		R2906	10 A				200
	1300		R2907	10 MS				200
	1327		R2908	10 SD				200
	1354		R2909	IBLK	—			—
	1530		R2910	A8D94601	D946			1
	1557		R2911	A8D94304	D943			500
	1624		R2912	03				500
	1651		R2913	02				500
	1740		R2914	03DL				10,000
	1807		R2915	02DL				2,000
	1836		R2916	02DL				1,000
11/06/08	1900	MF	R2917	1106BFBR1	QC	1uL	1	1
	1930		R2918	VSTD100	ICAL	5mL		
	1957		R2919	VSTD050				
	—		R2920	VSTD005 not used				
	2050		R2921	VSTD005				
	2134		R2922	ADD020	QC			
	2201		R2923	LCS				
	2228		R2924	VBLK12 (NG)				
	2255		R2925	VBLK13				
	2323		R2926	A8D98201	D982			1
	2350		R2927	02				1
11/7/08	0017		R2928	03				1
	0044		R2929	03MS				1
	0110		R2930	03SD				1
	0137		R2931	IBLK	—			—
	0204		R2932	A8D98204	~~D982~~ D982			1
	0230		R2933	04MS				1
	0257		R2934	04SD				1
	0324		R2935	IBLK	—			—
	0351		R2936	A8D98205	D982			1
	0417		R2937	05MS				1
	0444		R2938	05SD				1
	0511		R2939	IBLK	—			—

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GC/MS VOLATILE INJECTION LOG

Logbook # A07-11-05

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	ISS1N		✓	
			7	
			7	
			7	
			✓	
WS19BH-10, WS19 BG-10			—	
⊥			—	
			—	
			✓	
			✓	
		Y	7	DL DF 10,000
		Y	✓	RA DL DF 2,000
			7	
			✓	
			✓	
WS1 AS-4	ISS1N		7	Pass
WS19 BH-5, WS19 BG-8				SBI...0864 624 5mL
⊥				not used
WS5 AP-2, WS5 AO-1, WS113-19, WS118-12, WS119-12				624 FULL ADD
WS6 AP-2, WS12 AO-9, WS13 BV-1				not good
			⊥	
			7	
			7	
			7	
WS19 BH-5, WS19 BG-8			7	
⊥			7	
			—	
			7	
WS19 BH-5, WS19 BG-8			7	
⊥			7	
			—	
			7	
WS19 BH-5, WS19 BG-8			7	
⊥			7	
	↓		—	

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GC/MS VOLATILE INJECTION LOG
Logbook # A07-11-05

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
11/7/08	0538	MF	R2940	AB098206	D982	5mL	T	1
	0604		R2941	06MS	"	"	"	1
	0631		R2942	06SD	"	"	"	1
	0658		R2943	IBLK	—			—
	0725		R2944	AB098207	D982			1
	0751		R2945	07MS	"			1
	0818		R2946	07SD	"			1
	0845		R2947	IBLK	—			—
	0912		R2948	AB098208	D982			1
	0939		R2949	08MS	"			1
	1005		R2950	08SD	"			1
	1032		R2951	IBLK	—			—
	1059		R2952	AB ED1401 Comp	ED14			1
	1125		R2953	AB ED4602	ED46			1
	1152		R2954	01	"			1
	1219		R2955	AB ED4702	ED47			1
	1246		R2956	01	"			1
	1312		R2957	AB ED4207 Comp	ED42			1
	1339		R2958	AB ED3402	ED34			1
	1406		R2959	01	"			1
	1433		R2960	01MS	"			1
	1459		R2961	01SD	"			1
		TRG	R2962	AB ED7605	ED76			1
			R2963	04	"			1
			R2964	03	"			1
			R2965	02	"			1

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GC/MS VOLATILE INJECTION LOG
Logbook # A07-11-05

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	ISS1 N		7	
WS19 BH-5, WS19 BG-8	"		7	
⊥	"		7	
	"		—	
	"		7	
WS19 BH-5, WS19 BG-8	"		7	
⊥	"		7	
	"		—	
	"		7	
WS19 BH-5, WS19 BG-8	"		7	
⊥	"		7	
	"		—	
	"		✓	
	"		✓	
	"		✓	
	"		✓	
	"		✓	
	"		✓	
	"		✓	
	"		✓	
WS19 BH-5, WS19 BG-8	"		✓	
⊥	"		✓	

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608PEST Data

QC Summary

OLIN - 608 - TOTAL HCCH - W
WATER SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

GC Column(1): RTX-CLPI ID: 0.53 (mm) GC Column(2): RTX-CLPII ID.: 0.53 (mm)

	Client Sample ID	Lab Sample ID	DCBP 1 %REC	#	DCBP 2 %REC	#	TCMX 1 %REC	#	TCMX 2 %REC	#					TOT OUT
1	IWS-MS1-110508-LCRS	A8E03401	40		37		46		57						0
2	IWS-MS1-110508-LCRS	A8E03401MS	38		37		42		52						0
3	IWS-MS1-110508-LCRS	A8E03401SD	40		35		42		54						0
4	Matrix Spike Blank	A8B2551201	59		61		47		51						0
5	Method Blank	A8B2551203	72		66		59		65						0

QC LIMITS

(DCBP) = Decachlorobiphenyl (15-139)
(TCMX) = Tetrachloro-m-xylene (30-139)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

OLIN - 608 - TOTAL HCCH - W
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8B2551203

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: Method Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
gamma-BHC (Lindane)	0.500	0.352	70	68 - 120	
alpha-BHC	0.500	0.322	64	39 - 121	
beta-BHC	0.500	0.403	81	39 - 138	
delta-BHC	0.500	0.416	83	40 - 121	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike recovery: 0 out of 4 outside limits

Comments: _____

OLIN - 608 - TOTAL HCCH - W
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories Inc. Contract: _____ Lab Samp ID: A8E03401

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix Spike - Client Sample No.: IWS-MS1-110508-LCRS

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.	+ =
gamma-BHC (Lindane)	0.485	0.00255	0.336	69	68 - 120	
alpha-BHC	0.485	0.0215	0.330	64	39 - 121	
beta-BHC	0.485	0.0882	0.447	74	39 - 138	
delta-BHC	0.485	0.0225	0.382	74	40 - 121	

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+ =
gamma-BHC (Lindane)	0.480	0.322	67 *	3	50	68 - 120	
alpha-BHC	0.480	0.318	62	3	50	39 - 121	
beta-BHC	0.480	0.431	71	4	50	39 - 138	
delta-BHC	0.480	0.368	72	3	50	40 - 121	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 4 outside limits
Spike recovery: 1 out of 8 outside limits

Comments: _____

OLIN - 608 - TOTAL HCCH - W
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2551203 Lab File ID: 6A29060.TX0

Matrix: (soil/water) WATER Extraction: SEPF

Sulfur Cleanup: (Y/N): N Date Extracted: 11/06/2008

Date Analyzed (1): 12/01/2008 Date Analyzed (2): 12/01/2008

Time Analyzed (1): 12:00 Time Analyzed (2): 12:00

Instrument ID (1): HP6890-6 Instrument ID (2): HP6890-6

GC Column (1): RTX-CLPI Dia: 0.53(mm) GC Column (2): RTX-CLPII Dia: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	IWS-MS1-110508-LCRS	A8E03401	12/01/2008	12/01/2008
2	IWS-MS1-110508-LCRS	A8E03401MS	12/01/2008	12/01/2008
3	IWS-MS1-110508-LCRS	A8E03401SD	12/01/2008	12/01/2008
4	Matrix Spike Blank	A8B2551201	12/01/2008	12/01/2008

Comments: _____

Compare Client DL for PROJECT NY1A8693 and TASK 2 to Lab MDL
For METHOD: 608PEST PROTOCOL: CFR136
For FRACTIONS: GE

Laboratory: A
oject Manager: BJF

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	T
raction: GE																
in Corporation	NY1A8693	2	alpha-BHC	EQL	CFR136	608PEST	CTA13968	W	UG/L		0.05000	0.00660	N		J	
in Corporation	NY1A8693	2	beta-BHC	EQL	CFR136	608PEST	CTA13968	W	UG/L		0.05000	0.02480	N		J	
in Corporation	NY1A8693	2	delta-BHC	EQL	CFR136	608PEST	CTA13968	W	UG/L		0.05000	0.01010	N		J	
in Corporation	NY1A8693	2	gamma-BHC (Lindane)	EQL	CFR136	608PEST	CTA13968	W	UG/L		0.05000	0.00600	N		J	

- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

Sample Data

OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401

Sample wt/vol: 1020.00 (g/mL) ML Lab File ID: 6A29061.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/05/2008 11/05/2008

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

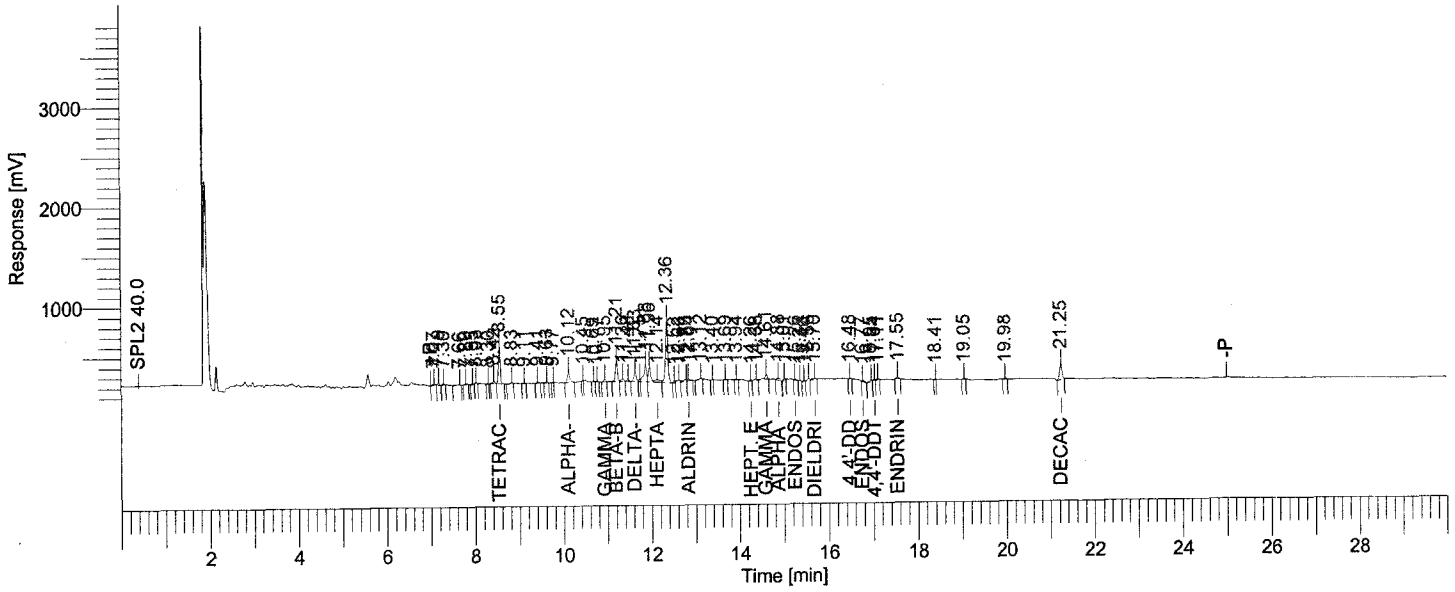
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.022	J
319-85-7	beta-BHC	0.088	
319-86-8	delta-BHC	0.022	J
58-89-9	gamma-BHC (Lindane)	0.049	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:25:53
Reprocess Number	: buf1938: 87810		
Operator	: tchrom	Sample Name	: AW80021206
Sample Number	: A8E03401	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/61
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 30.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 12:37:14	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6a29061.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29061.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29061.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29061.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29061.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.07	65210		B	0.06521	13747.59
2	7.19	72607		V	0.07261	23171.40
3	7.30	34548		B	0.03455	9467.42
4	7.66	40754		B	0.04075	4209.25
5	7.80	23566		B	0.02357	6862.37
6	7.95	42850		B	0.04285	13262.99
7	8.03	29579		V	0.02958	10871.95
9	8.42	86604		B	0.08660	24898.15
10	8.55	1072084	Tetrachloro-m-xylene	V	0.00935	356719.01
11	8.83	45153		B	0.04515	11498.48
12	9.11	18091		B	0.01809	6617.22
13	9.41	41008		B	0.04101	11581.12
14	9.63	53906		B	0.05391	17540.15
16	10.12	367188	alpha-BHC	B	0.00216	100157.71
17	10.45	6797		B	0.00680	2914.46
18	10.69	21268		B	0.02127	6888.02
19	10.77	21242		V	0.02124	6884.75
20	10.95	69438	gamma-BHC	B	2.58e-04	23271.70
21	11.21	672145	beta-BHC	B	0.00899	209793.37
22	11.36	109900		V	0.10990	26134.43
23	11.48	57984		V	0.05798	17015.22
24	11.63	324219	delta-BHC	B	0.00232	83571.22

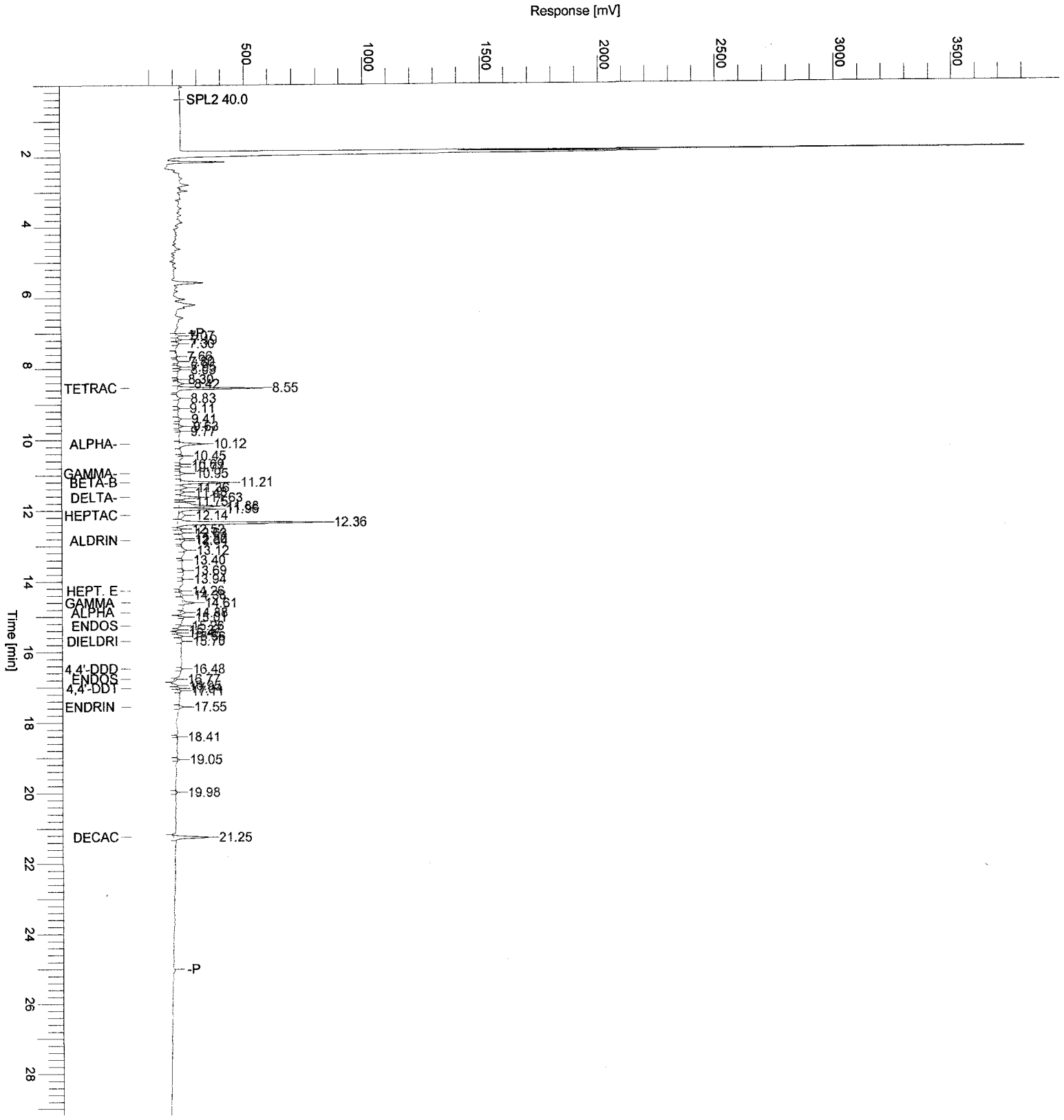
12-2-08 DYB

12/02/2008 06:25:53 Result: H:\TURBO6\6890-06\6a29061.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	11.75	65794		V	0.06579	23746.44
26	11.88	741831		V	0.74183	156521.77
27	11.96	554831		V	0.55483	154867.93
28	12.14	231410	Heptachlor	E	7.45e-04	27810.98
29	12.36	2304065		V	2.30407	616636.76
30	12.52	57448		B	0.05745	18498.57
31	12.63	121825		V	0.12182	24181.19
32	12.80	114675		V	0.11467	17526.15
33	12.84	81075	Aldrin	V	-1.7e-04	18635.55
34	13.12	55895		B	0.05589	12602.29
36	13.69	16728		B	0.01673	5417.54
37	13.94	13924		B	0.01392	4961.41
38	14.26	26785	Hept. epoxide	B	-6.8e-04	10705.35
39	14.38	58576		V	0.05858	11425.22
40	14.61	197821	gamma chlordane	V	0.00205	48039.70
41	14.88	108712	alpha chlordane	B	0.00101	22382.02
42	15.01	49840		B	0.04984	16672.11
43	15.26	26428	Endosulfan I	B	-6.2e-04	8759.29
44	15.37	22594		V	0.02259	9200.14
45	15.46	24042		B	0.02404	9306.04
46	15.56	73915		V	0.07392	20344.70
47	15.70	69941	Dieldrin	V	6.00e-04	8420.70
48	16.48	14430	4,4'-DDD	B	-5.7e-05	5110.89
49	16.77	56308	Endosulfan II	B	-9.6e-05	11933.74
50	16.95	85944		B	0.08594	20099.71
51	17.04	59032	4,4'-DDT	V	0.00481	14496.10
52	17.11	43917		V	0.04392	11198.61
53	17.55	63300	Endrin aldehyde	B	-5.2e-04	19893.95
55	19.05	23030		B	0.02303	8779.20
56	19.98	22356		B	0.02236	6319.64
57	21.25	543313	Decachlorobiphenyl	B	0.00801	148162.51
		9205923			5.26045	2.48e+06

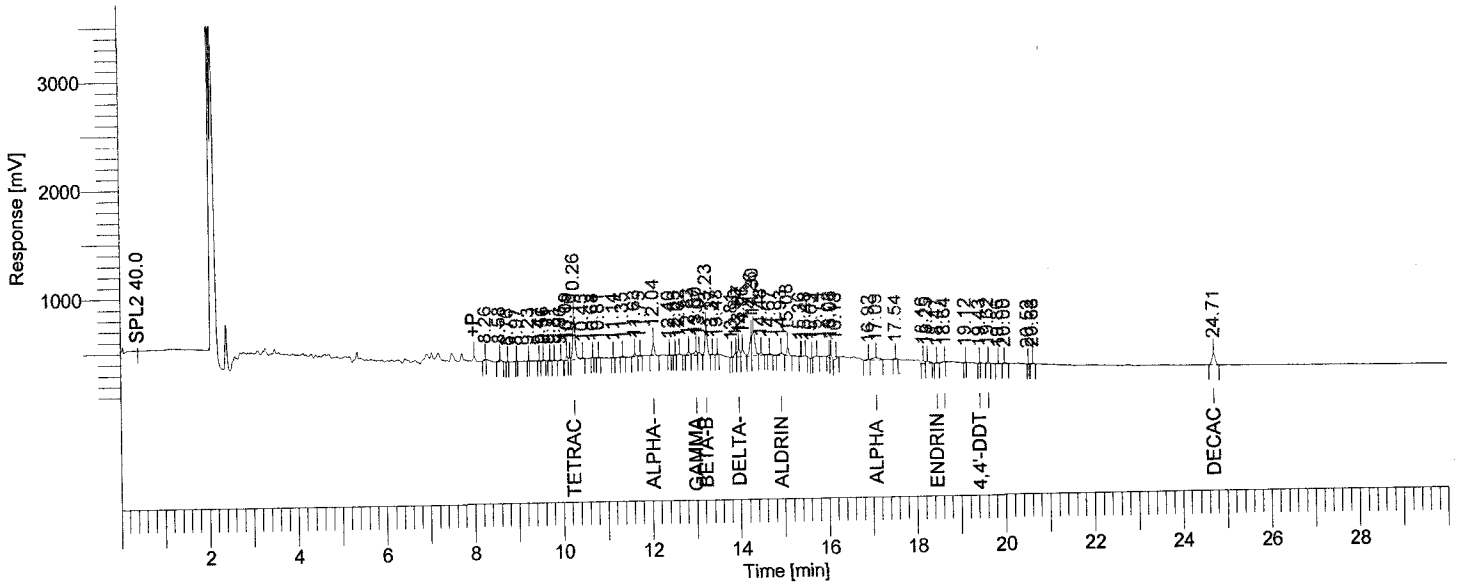
Chromatogram

Sample Name : AW80021206 Sample #: A8E03401 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29061.raw
Date : 12/02/2008 06:25:54
Method : 6890-6 bside ins Time of Injection: 12/01/2008 12:37:14
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:25:56
Reprocess Number	: buf1938: 87811		
Operator	: tchrom	Sample Name	: AW80021206
Sample Number	: A8E03401	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/61
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 30.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 12:37:14	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6b29061.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29061.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29061.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29061.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29061.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.26	14003		B	0.01400	2983.99
2	8.58	67875		B	0.06788	16604.90
3	8.76	6397		B	0.00640	2511.00
6	9.47	11742		B	0.01174	5057.84
7	9.56	30883		B	0.03088	10051.39
8	9.71	20601		B	0.02060	7218.47
9	9.81	38185		B	0.03819	9362.56
10	9.96	46824		B	0.04682	10701.15
11	10.09	115065		B	0.11506	32966.38
12	10.16	62954		V	0.06295	21412.85
13	10.26	1444444	Tetrachloro-m-xylene	V	0.01146	385645.20
14	10.45	40655		E	0.04065	8654.61
15	10.68	6272		B	0.00627	2646.68
16	10.81	21012		B	0.02101	7502.10
17	11.14	13544		B	0.01354	4791.61
18	11.35	33350		B	0.03335	11091.17
19	11.63	78995		B	0.07900	22472.83
20	11.75	22117		V	0.02212	7959.26
21	12.04	387445	alpha-BHC	B	6.79e-04	112659.07
22	12.40	10719		B	0.01072	4863.77
23	12.53	12965		B	0.01296	4820.47
24	12.62	45006		V	0.04501	10403.68

12/02/2008 06:25:56 Result: H:\TURBO6\6890-06\6b29061.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	12.83	112361		B	0.11236	30247.30
26	13.00	192504	gamma-BHC	V	-6.5e-04	37935.70
27	13.07	94549		V	0.09455	24417.46
28	13.23	879356	beta-BHC	V	0.00793	247165.88
29	13.37	23160		V	0.02316	7452.53
30	13.48	25990		B	0.02599	10070.11
31	13.81	17694		B	0.01769	8126.22
32	13.90	140486		V	0.14049	38674.63
33	13.97	313417	delta-BHC	V	0.00177	72517.54
34	14.06	291008		V	0.29101	61327.91
35	14.26	585698		V	0.58570	188059.76
36	14.30	1027388		V	1.02739	217458.45
37	14.48	99641		V	0.09964	23381.30
38	14.67	38453		B	0.03845	10874.11
39	14.93	139667	Aldrin	B	-1.5e-03	18806.13
40	15.08	259091		V	0.25909	72207.44
42	15.48	38556		V	0.03856	10122.14
43	15.63	12704		B	0.01270	7257.62
44	15.74	68622		V	0.06862	10901.45
45	16.03	59672		B	0.05967	24482.99
46	16.06	116573		V	0.11657	36466.38
47	16.18	82366		B	0.08237	18988.02
48	16.92	56222		B	0.05622	10678.61
49	17.09	246162	alpha chlordane	V	0.00167	20544.52
50	17.54	21610		B	0.02161	6386.84
51	18.16	105474		B	0.10547	27419.40
52	18.25	111455		V	0.11146	19661.29
53	18.47	29254	Endrin	B	0.00236	7626.74
54	18.64	22204	4,4'-DDD	B	6.96e-04	2890.13
56	19.43	7872	4,4'-DDT	B	0.00739	2604.50
57	19.62	43801	Endrin aldehyde	B	8.18e-04	14927.95
58	19.86	29134		B	0.02913	6069.72
59	20.00	28323		V	0.02832	6929.79
61	20.63	33372		B	0.03337	11158.61
62	24.71	529503	Decachlorobiphenyl	B	0.00743	99730.37
		8414396			4.21886	2.12e+06

Chromatogram

Sample Name : AW80021206 Sample #: A8E03401 Page 1 of 1

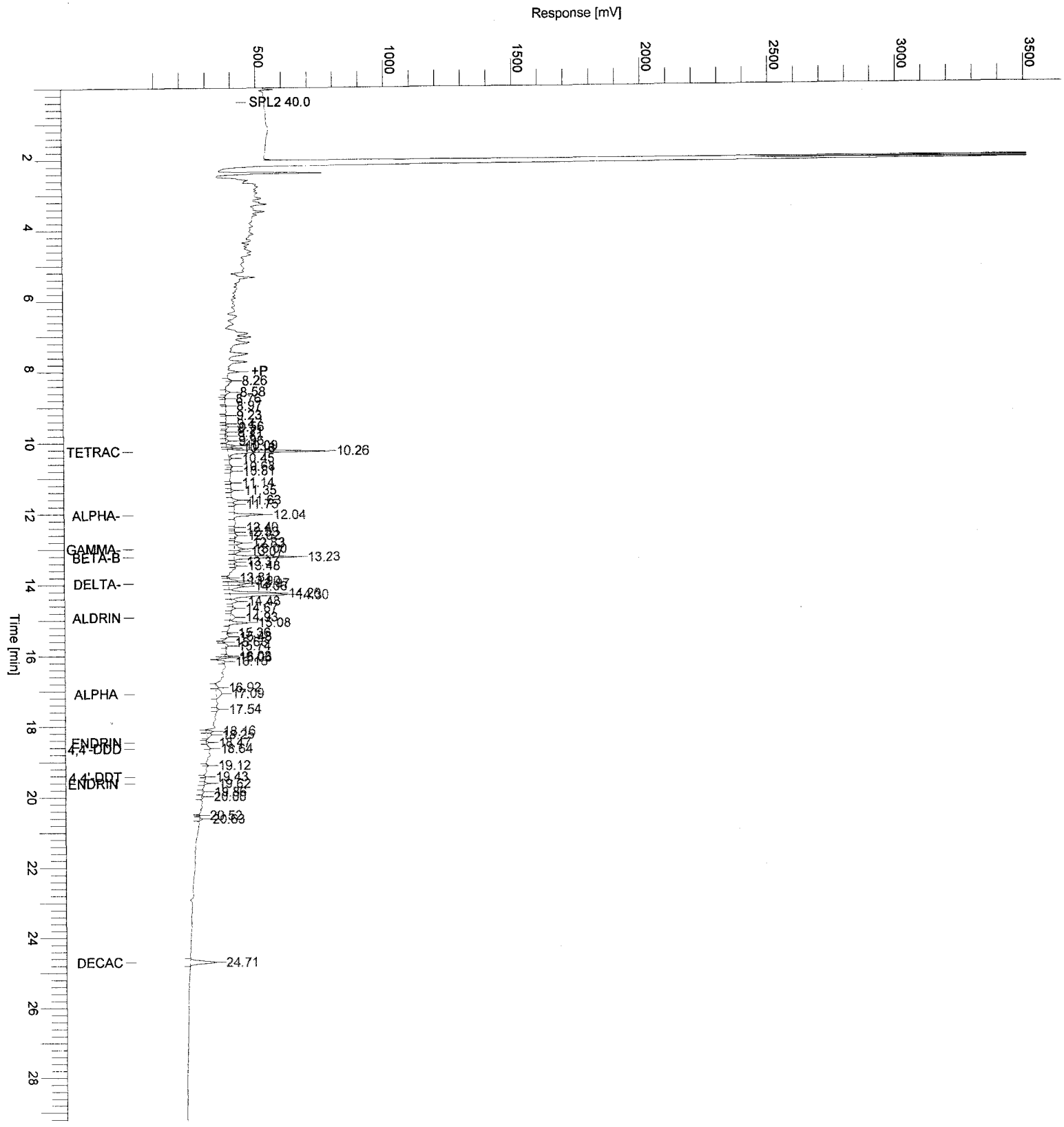
FileName : H:\TURBO6\6890-06\6b29061.raw

Date : 12/02/2008 06:25:57

Method : 6890-6 bside ins Time of Injection: 12/01/2008 12:37:14

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.

Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Standards

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

	LEVEL (ng)							
	A	B	C	D	E			
COMPOUND	0.005	0.01	0.05	0.10	0.15	R^2	Ave CF	RSD
	Area							
alpha-BHC	898506	1694120	7946756	16257088	24411109	**0.9999**	166671985	4.9
gamma-BHC	832483	1586221	7338717	14918946	22478286	**0.9999**	154187548	5.3
beta-BHC	385887	738119	3278511	6403972	9484848	**0.9999**	68766312	9.2
delta-BHC	810451	1580240	7741587	15889736	23807685	**0.9999**	158512240	1.6
Heptachlor	794849	1525436	7138586	14164752	21062044	**1.0000**	147269253	5.5
Aldrin	750899	1431826	6887008	13694448	20294192	**0.9999**	140668331	4.3
Hept. epoxide	658926	1272143	6052471	12018126	17768361	**0.9999**	123737184	4.5
gamma chlordane	643781	1246410	6183180	12579193	19104862	**0.9999**	126043695	1.6
alpha chlordane	615391	1194960	5784966	11776349	17687075	**0.9999**	118790169	2.3
4,4'-DDE	526716	1060448	5373129	11121418	16747656	**0.9999**	108343160	2.7
Endosulfan I	606531	1175805	5627608	11284156	16550445	**0.9998**	114923344	3.9
Dieldrin	580512	1142725	5593131	11494555	16982333	**0.9999**	114079725	1.4
Endrin	425010	887018	4589972	9397555	14383874	**0.9998**	91074257	4.7
4,4'-DDD	407408	826058	4009756	8226519	12052824	**0.9997**	81379974	1.3
Endosulfan II	437686	868757	4147839	8368747	12227919	**0.9997**	84515322	3.1
4,4'-DDT	219945	509855	3210661	6969821	11052006	**0.9984**	60513194	20.8
Endrin aldehyde	318575	644450	2933691	5792264	8417257	**0.9996**	60174301	6.1
Methoxychlor	111242	256510	1522414	3226285	4995997	**0.9994**	28783435	16.3
Endo. Sulfate	332516	656948	3226048	6482269	9637093	**1.0000**	65157787	1.4
Endrin ketone	369956	737672	3706719	7454995	11256634	**1.0000**	74297391	0.7

Ave %RSD = 5.1

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ICM25ZQ DF10	B	H:\TURBO6\6890-06\6a29032.raw
ICM25ZU	C	H:\TURBO6\6890-06\6a29031.raw
ICM25ZQ	D	H:\TURBO6\6890-06\6a29030.raw
ICM25ZT	E	H:\TURBO6\6890-06\6a29029.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
alpha-BHC	10.08	10.08	10.07	10.08	0.05	10.03	10.13
gamma-BHC	10.92	10.91	10.91	10.91	0.05	10.86	10.96
beta-BHC	11.18	11.17	11.17	11.17	0.05	11.12	11.22
delta-BHC	11.61	11.60	11.60	11.60	0.05	11.55	11.65
Heptachlor	12.10	12.09	12.09	12.09	0.05	12.04	12.14
Aldrin	12.81	12.80	12.80	12.80	0.05	12.75	12.85
Hept. epoxide	14.25	14.25	14.24	14.25	0.05	14.20	14.30
gamma chlordane	14.53	14.52	14.52	14.52	0.05	14.47	14.57
alpha chlordane	14.83	14.83	14.82	14.83	0.05	14.78	14.88
4,4'-DDE	15.05	15.04	15.04	15.04	0.05	14.99	15.09
Endosulfan I	15.13	15.12	15.12	15.12	0.05	15.07	15.17
Dieldrin	15.66	15.66	15.65	15.66	0.05	15.61	15.71
Endrin	16.16	16.16	16.16	16.16	0.05	16.11	16.21
4,4'-DDD	16.36	16.35	16.35	16.35	0.05	16.30	16.40
Endosulfan II	16.66	16.65	16.65	16.65	0.05	16.60	16.70
4,4'-DDT	16.95	16.95	16.94	16.95	0.05	16.90	17.00
Endrin aldehyde	17.58	17.57	17.57	17.57	0.05	17.52	17.62
Methoxychlor	18.01	18.01	18.00	18.01	0.05	17.96	18.06
Endo. Sulfate	18.51	18.51	18.50	18.51	0.05	18.46	18.56
Endrin ketone	19.10	19.10	19.09	19.10	0.05	19.05	19.15

FORM VIA Pest

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

	LEVEL (ng)							
	A	B	C	D	E			
COMPOUND	0.005	0.01	0.05	0.10	0.15	R^2	Ave CF	RSD
	Area							
alpha-BHC	1198535	2099658	8538646	17329463	25967178	**0.9998**	193370974	15.8
gamma-BHC	1079292	1941066	7827123	15830586	23503104	**0.9998**	176300136	15.5
beta-BHC	542219	976856	3808792	7172717	10059986	**0.9980**	84219797	21.3
delta-BHC	1026493	1834142	7759491	16129420	24738875	**0.9991**	174024531	11.7
Heptachlor	891627	1585188	6635193	13803254	20566680	**0.9996**	148938360	12.9
Aldrin	981542	1718977	7145920	14106287	20754833	**0.9999**	158110585	16.0
Hept. epoxide	811418	1441856	6295366	12482277	18679802	**1.0000**	136346261	12.2
gamma chlordane	731283	1315503	6050205	12198948	18403130	**0.9999**	128697603	8.3
alpha chlordane	668254	1208625	5507583	11103106	16773684	**0.9999**	117504116	8.5
Endosulfan I	667786	1195228	5378286	10787067	16143837	**1.0000**	115228394	9.9
4,4'-DDE	632790	1147235	5301941	10901129	16553762	**0.9997**	113338005	7.1
Dieldrin	657345	1194139	5507240	11224461	16942773	**0.9998**	117244826	7.4
Endrin	368059	718276	3540818	7399831	11757452	**0.9981**	73727417	3.9
4,4'-DDD	413459	852470	3769571	7965123	12007463	**0.9995**	80606241	4.6
Endosulfan II	439012	828397	3779319	8077162	11896973	**0.9994**	81262651	5.6
4,4'-DDT	61751	217629	1889517	4546000	7437091	**0.9955**	33388809	47.5
Endrin aldehyde	306641	589846	2604210	4274167	7887757	**0.9820**	53544743	13.5
Endo. Sulfate	350998	669868	3170295	6442838	9617347	**0.9999**	65827265	4.2
Methoxychlor	51819	130361	939272	2097339	3383854	**0.9974**	17143551	30.5
Endrin ketone	332567	668150	3275164	7262462	10496348	**0.9986**	68286391	4.3

Ave %RSD = 13.0

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ICM25ZQ DF10	B	H:\TURBO6\6890-06\6b29032.raw
ICM25ZU	C	H:\TURBO6\6890-06\6b29031.raw
ICM25ZQ	D	H:\TURBO6\6890-06\6b29030.raw
ICM25ZT	E	H:\TURBO6\6890-06\6b29029.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
alpha-BHC	12.02	12.01	12.01	12.01	0.05	11.96	12.06
gamma-BHC	12.98	12.97	12.96	12.97	0.05	12.92	13.02
beta-BHC	13.21	13.20	13.20	13.20	0.05	13.15	13.25
delta-BHC	13.95	13.94	13.94	13.94	0.05	13.89	13.99
Heptachlor	14.08	14.07	14.07	14.07	0.05	14.02	14.12
Aldrin	14.88	14.87	14.87	14.87	0.05	14.82	14.92
Hept. epoxide	16.24	16.23	16.23	16.23	0.05	16.18	16.28
gamma chlordane	16.66	16.66	16.66	16.66	0.05	16.61	16.71
alpha chlordane	17.00	16.99	16.99	16.99	0.05	16.94	17.04
Endosulfan I	17.14	17.13	17.13	17.13	0.05	17.08	17.18
4,4'-DDE	17.36	17.35	17.34	17.35	0.05	17.30	17.40
Dieldrin	17.76	17.75	17.75	17.75	0.05	17.70	17.80
Endrin	18.44	18.44	18.43	18.44	0.05	18.39	18.49
4,4'-DDD	18.64	18.63	18.62	18.63	0.05	18.58	18.68
Endosulfan II	18.91	18.90	18.90	18.90	0.05	18.85	18.95
4,4'-DDT	19.32	19.31	19.30	19.31	0.05	19.26	19.36
Endrin aldehyde	19.65	19.64	19.64	19.64	0.05	19.59	19.69
Endo. Sulfate	20.25	20.25	20.24	20.25	0.05	20.20	20.30
Methoxychlor	20.77	20.77	20.76	20.77	0.05	20.72	20.82
Endrin ketone	21.45	21.45	21.44	21.45	0.05	21.40	21.50

FORM VIA Pest

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

	LEVEL (ng)							
	A	B	C	D	E			
COMPOUND	0.005	0.010	0.050	0.075	0.100	R^2	Ave CF	RSD
	Area							
Tetrachloro-m-xylene	585635	1130107	5011087	7456463	9551125	**0.9992**	105058039	9.0
Decachlorobiphenyl	323524	623806	2862888	4015886	5202105	**0.9980**	57981871	9.5

Ave %RSD = 9.2

Name:	Level	File ID:
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ICM3QI DF10	B	H:\TURBO6\6890-06\6a29027.raw
ICM3QM	C	H:\TURBO6\6890-06\6a29026.raw
ICM3QI	D	H:\TURBO6\6890-06\6a29025.raw
ICM3QH	E	H:\TURBO6\6890-06\6a29024.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
Tetrachloro-m-xylene	8.51	8.51	8.51	8.51	0.05	8.46	8.56
Decachlorobiphenyl	21.20	21.21	21.20	21.20	0.05	21.15	21.25

6F

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to ########

	LEVEL (ng)							
	A	B	C	D	E			
COMPOUND	0.005	0.010	0.050	0.075	0.100	R^2	Ave CF	RSD
	Area							
Tetrachloro-m-xylene	708062	1317916	5336990	7996655	10132054	**0.9989**	117617281	15.2
Decachlorobiphenyl	304825	659790	3038864	4250505	5489335	**0.9974**	59857606	7.2

Ave %RSD = 11.2

Name:	Level	File ID:
ICM3QM DF10	A	H:\TURBO6\6890-06\6b29028.raw
ICM3QI DF10	B	H:\TURBO6\6890-06\6b29027.raw
ICM3QM	C	H:\TURBO6\6890-06\6b29026.raw
ICM3QI	D	H:\TURBO6\6890-06\6b29025.raw
ICM3QH	E	H:\TURBO6\6890-06\6b29024.raw

6J

PESTICIDE INITIAL RT WINDOW OF SINGLE COMPONENT ANALYTES

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

	LEVEL					INITIAL	WINDOW
COMPOUND	A	C	E	AVE RT	WINDOW	From	To
	Retention Time				(+/-)		
Tetrachloro-m-xylene	10.22	10.22	10.22	10.22	0.05	10.17	10.27
Decachlorobiphenyl	24.66	24.66	24.66	24.66	0.05	24.61	24.71

7C

PESTICIDE BREAKDOWN SUMMARY

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A ICAL Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

Ref ID: ICM1DA Date/Time Analyzed: 12/01/2008 07:37

File ID: H:\TURBO6\6890-06\6a29054.raw

COMPOUND	Area	% Breakdown
4,4'-DDE	42199	
4,4'-DDD	233309	
4,4'-DDT	4741354	**5.5**
Endrin aldehyde	171882	
Endrin ketone	270154	
Endrin	3241452	**12.0**

*** Value >15.0% DEGRADATION**

FORM XI Pest

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A ICAL Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

CCV ID: ICM25ZU Date/Time Analyzed: 12/01/2008 08:13

FILE ID: H:\TURBO6\6890-06\6a29055.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
alpha-BHC	10.13	10.08	10.18	0.0472	0.0500	-5.6
gamma-BHC	10.97	10.92	11.02	0.0490	0.0500	-2.1
beta-BHC	11.23	11.18	11.28	0.0508	0.0500	1.7
delta-BHC	11.66	11.61	11.71	0.0489	0.0500	-2.2
Heptachlor	12.15	12.10	12.20	0.0501	0.0500	0.1
Aldrin	12.86	12.81	12.91	0.0498	0.0500	-0.5
Hept. epoxide	14.30	14.25	14.35	0.0488	0.0500	-2.4
gamma chlordane	14.58	14.53	14.63	0.0474	0.0500	-5.2
alpha chlordane	14.88	14.83	14.93	0.0474	0.0500	-5.2
4,4'-DDE	15.10	15.05	15.15	0.0472	0.0500	-5.5
Endosulfan I	15.18	15.13	15.23	0.0486	0.0500	-2.9
Dieldrin	15.71	15.66	15.76	0.0482	0.0500	-3.7
Endrin	16.22	16.17	16.27	0.0471	0.0500	-5.8
4,4'-DDD	16.41	16.36	16.46	0.0481	0.0500	-3.8
Endosulfan II	16.71	16.66	16.76	0.0480	0.0500	-4.0
4,4'-DDT	17.01	16.96	17.06	0.0435	0.0500	-13.1
Endrin aldehyde	17.63	17.58	17.68	0.0468	0.0500	-6.4
Methoxychlor	18.06	18.01	18.11	0.0446	0.0500	-10.8
Endo. Sulfate	18.57	18.52	18.62	0.0468	0.0500	-6.4
Endrin ketone	19.15	19.10	19.20	0.0472	0.0500	-5.5

* Value >15.0% Difference

Average %D = 4.6

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A ICAL Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

CCV ID: ICM3QM Date/Time Analyzed: 12/01/2008 09:34

FILE ID: H:\TURBO6\6890-06\6a29056.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
Tetrachloro-m-xylene	8.56	8.51	8.61	0.0457	0.0500	-8.7
Decachlorobiphenyl	21.25	21.20	21.30	0.0460	0.0500	-8.0

* Value >15.0% Difference

Average %D = **8.4**

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A ICAL Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

CCV ID: ICM25ZU Date/Time Analyzed: 12/01/2008 16:52

FILE ID: H:\TURBO6\6890-06\6a29068.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
alpha-BHC	10.13	10.08	10.18	0.0435	0.0500	-13.0
gamma-BHC	10.96	10.91	11.01	0.0461	0.0500	-7.7
beta-BHC	11.22	11.17	11.27	0.0490	0.0500	-2.0
delta-BHC	11.65	11.60	11.70	0.0474	0.0500	-5.1
Heptachlor	12.14	12.09	12.19	0.0483	0.0500	-3.4
Aldrin	12.86	12.81	12.91	0.0480	0.0500	-3.9
Hept. epoxide	14.30	14.25	14.35	0.0470	0.0500	-6.0
gamma chlordane	14.58	14.53	14.63	0.0459	0.0500	-8.2
alpha chlordane	14.88	14.83	14.93	0.0457	0.0500	-8.5
4,4'-DDE	15.09	15.04	15.14	0.0458	0.0500	-8.3
Endosulfan I	15.17	15.12	15.22	0.0463	0.0500	-7.4
Dieldrin	15.71	15.66	15.76	0.0462	0.0500	-7.7
Endrin	16.21	16.16	16.26	0.0473	0.0500	-5.4
4,4'-DDD	16.40	16.35	16.45	0.0469	0.0500	-6.1
Endosulfan II	16.70	16.65	16.75	0.0460	0.0500	-7.9
4,4'-DDT	16.99	16.94	17.04	0.0420	0.0500	-16.1 *
Endrin aldehyde	17.62	17.57	17.67	0.0440	0.0500	-12.0
Methoxychlor	18.05	18.00	18.10	0.0434	0.0500	-13.2
Endo. Sulfate	18.55	18.50	18.60	0.0446	0.0500	-10.9
Endrin ketone	19.14	19.09	19.19	0.0440	0.0500	-12.0

* Value >15.0% Difference

Average %D = 8.2

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 A ICAL Date(s) Analyzed:

Column: RTX-CLP I 11/29/2008 to 11/29/2008

CCV ID: ICM3QM Date/Time Analyzed: 12/01/2008 17:29

FILE ID: H:\TURBO6\6890-06\6a29069.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
Tetrachloro-m-xylene	8.56	8.51	8.61	0.0436	0.0500	-12.7
Decachlorobiphenyl	21.25	21.20	21.30	0.0449	0.0500	-10.3

* Value >15.0% Difference

Average %D = 11.5

7C

Confirmation Column

PESTICIDE BREAKDOWN SUMMARY

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B ICAL Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

Ref ID: ICM1DA Date/Time Analyzed: 12/01/2008 07:37

File ID: H:\TURBO6\6890-06\6b29054.raw

COMPOUND	Area	% Breakdown	
4,4'-DDE	94496		
4,4'-DDD	721219		
4,4'-DDT	2914054	**21.9**	*
Endrin aldehyde	178131		
Endrin ketone	574630		
Endrin	2470176	**23.4**	*

*** Value >15.0% DEGRADATION**

7B

Confirmation Column

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B ICAL Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

CCV ID: ICM25ZU Date/Time Analyzed: 12/01/2008 08:13

FILE ID: H:\TURBO6\6890-06\6b29055.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
alpha-BHC	12.06	12.01	12.11	0.0494	0.0500	-1.1
gamma-BHC	13.02	12.97	13.07	0.0515	0.0500	3.1
beta-BHC	13.25	13.20	13.30	0.0569	0.0500	13.7
delta-BHC	14.00	13.95	14.05	0.0522	0.0500	4.3
Heptachlor	14.13	14.08	14.18	0.0547	0.0500	9.4
Aldrin	14.92	14.87	14.97	0.0548	0.0500	9.5
Hept. epoxide	16.29	16.24	16.34	0.0518	0.0500	3.7
gamma chlordane	16.72	16.67	16.77	0.0504	0.0500	0.7
alpha chlordane	17.05	17.00	17.10	0.0501	0.0500	0.2
Endosulfan I	17.19	17.14	17.24	0.0502	0.0500	0.5
4,4'-DDE	17.40	17.35	17.45	0.0498	0.0500	-0.3
Dieldrin	17.81	17.76	17.86	0.0503	0.0500	0.6
Endrin	18.49	18.44	18.54	0.0475	0.0500	-5.1
4,4'-DDD	18.69	18.64	18.74	0.0517	0.0500	3.3
Endosulfan II	18.96	18.91	19.01	0.0525	0.0500	5.1
4,4'-DDT	19.37	19.32	19.42	0.0431	0.0500	-13.8
Endrin aldehyde	19.70	19.65	19.75	0.0508	0.0500	1.7
Endo. Sulfate	20.30	20.25	20.35	0.0503	0.0500	0.6
Methoxychlor	20.82	20.77	20.87	0.0440	0.0500	-11.9
Endrin ketone	21.51	21.46	21.56	0.0492	0.0500	-1.7

* Value >15.0% Difference

Average %D = **4.5**

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Confirmation Column

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B ICAL Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

CCV ID: ICM3QM Date/Time Analyzed: 12/01/2008 09:34

FILE ID: H:\TURBO6\6890-06\6b29056.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
Tetrachloro-m-xylene	10.25	10.20	10.30	0.0583	0.0500	16.5 *
Decachlorobiphenyl	24.72	24.67	24.77	0.0505	0.0500	1.1

* Value >15.0% Difference

Average %D = 8.8

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Confirmation Column

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B ICAL Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

CCV ID: ICM25ZU Date/Time Analyzed: 12/01/2008 16:52

FILE ID: H:\TURBO6\6890-06\6b29068.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
alpha-BHC	12.06	12.01	12.11	0.0450	0.0500	-10.1
gamma-BHC	13.01	12.96	13.06	0.0481	0.0500	-3.8
beta-BHC	13.25	13.20	13.30	0.0526	0.0500	5.2
delta-BHC	13.99	13.94	14.04	0.0525	0.0500	5.1
Heptachlor	14.12	14.07	14.17	0.0526	0.0500	5.2
Aldrin	14.92	14.87	14.97	0.0536	0.0500	7.3
Hept. epoxide	16.28	16.23	16.33	0.0510	0.0500	1.9
gamma chlordane	16.70	16.65	16.75	0.0489	0.0500	-2.2
alpha chlordane	17.03	16.98	17.08	0.0491	0.0500	-1.8
Endosulfan I	17.18	17.13	17.23	0.0491	0.0500	-1.7
4,4'-DDE	17.39	17.34	17.44	0.0488	0.0500	-2.4
Dieldrin	17.79	17.74	17.84	0.0490	0.0500	-1.9
Endrin	18.48	18.43	18.53	0.0506	0.0500	1.2
4,4'-DDD	18.67	18.62	18.72	0.0508	0.0500	1.5
Endosulfan II	18.94	18.89	18.99	0.0506	0.0500	1.2
4,4'-DDT	19.35	19.30	19.40	0.0418	0.0500	-16.5 *
Endrin aldehyde	19.68	19.63	19.73	0.0488	0.0500	-2.4
Endo. Sulfate	20.29	20.24	20.34	0.0469	0.0500	-6.2
Methoxychlor	20.81	20.76	20.86	0.0434	0.0500	-13.3
Endrin ketone	21.49	21.44	21.54	0.0447	0.0500	-10.6

* Value >15.0% Difference

Average %D = 5.1

7B

PESTICIDE CONTINUING CALIBRATION VERIFICATION

Confirmation Column

Lab Name: TAL Buffalo Contract:

Instrument: HP6890-06 B ICAL Date(s) Analyzed:

Column: RTX-CLP II 11/29/2008 to 11/29/2008

CCV ID: ICM3QM Date/Time Analyzed: 12/01/2008 17:29

FILE ID: H:\TURBO6\6890-06\6b29069.raw

		DAILY	WINDOW	Calc	Expected	
COMPOUND	RT	From	To	Amt.(ug/mL)	Amt.(ug/mL)	% D
Tetrachloro-m-xylene	10.27	10.22	10.32	0.0477	0.0500	-4.6
Decachlorobiphenyl	24.73	24.68	24.78	0.0492	0.0500	-1.6

* Value >15.0% Difference

Average %D = 3.1

Form 8 - Sequence Summary Report

Date of Injection	Time of Injection	Sample Number	Vial/Std Name	File Name	Dilution Factor
12/01/2008	07:37:19		ICM1DA	6a29054.rst	1.0000
12/01/2008	08:13:50	0.05	ICM25ZU	6a29055.rst	1.0000
12/01/2008	09:34:55	0.05	ICM3QM	6a29056.rst	1.0000
12/01/2008	10:11:13	0.50	ACM11LB	6a29057.rst	1.0000
12/01/2008	10:47:46	0.50	ICM14RE	6a29058.rst	1.0000
12/01/2008	11:24:13	A8B2551201	AW80021204MSB	6a29059.rst	1.0000
12/01/2008	12:00:49	A8B2551203	AW80021205MBLK	6a29060.rst	1.0000
12/01/2008	12:37:14	A8E03401	AW80021206	6a29061.rst	1.0000
12/01/2008	13:13:47	A8E03401MS	AW80021207	6a29062.rst	1.0000
12/01/2008	13:50:17	A8E03401SD	AW80021208	6a29063.rst	1.0000
12/01/2008	14:26:50	A8D94902	AW80021211	6a29064.rst	1.0000
12/01/2008	15:03:12	A8D94903	AW80021212	6a29065.rst	1.0000
12/01/2008	15:39:45	A8D94904	AW80021213	6a29066.rst	1.0000
12/01/2008	16:16:10	A8D94905	AW80021214	6a29067.rst	1.0000
12/01/2008	16:52:41	0.05	ICM25ZU	6a29068.rst	1.0000
12/01/2008	17:29:04	0.05	ICM3QM	6a29069.rst	1.0000

ASCII file created successfully - Stored in: H:\TURBO6\6890-06\Seq Summary-20081204-081848.csv

IDENTIFICATION SUMMARY
10A
FOR SINGLE COMPONENT ANALYTES

SAMPLE NO.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8E03401 Date/Time Analyzed: 12/01/2008 12:37

Lab File ID (1): 6A29061.TX0 Lab File ID (2): 6B29061.TX0

Instrument ID (1): HP6890-6 A Instrument ID (2): HP6890-6 B

GC Column (1): RTX-CLPI Dia: 0.53 (mm) GC Column (2): RTX-CLPII Dia: 0.53 (mm)

Standard ID (1): A8P0000190 Standard ID (2): A8P0000191

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	10.12	10.08	10.18	0.022	
	2	12.04	12.01	12.11	0.0067	> 100
beta-BHC	1	11.21	11.18	11.28	0.088	
	2	13.23	13.20	13.30	0.077	14.3
delta-BHC	1	11.63	11.61	11.71	0.022	
	2	13.97	13.95	14.05	0.018	22.2

IDENTIFICATION SUMMARY
10A
FOR SINGLE COMPONENT ANALYTES

SAMPLE NO.

Matrix Spike Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2551201 Date/Time Analyzed: 12/01/2008 11:24

Lab File ID (1): 6A29059.TX0 Lab File ID (2): 6B29059.TX0

Instrument ID (1): HP6890-6 A Instrument ID (2): HP6890-6 B

GC Column (1): RTX-CLPI Dia: 0.53 (mm) GC Column (2): RTX-CLPII Dia: 0.53 (mm)

Standard ID (1): A8P0000190 Standard ID (2): A8P0000191

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	10.12	10.08	10.18	0.32	
	2	12.05	12.01	12.11	0.34	6.3
beta-BHC	1	11.21	11.18	11.28	0.40	
	2	13.23	13.20	13.30	0.42	5.0
delta-BHC	1	11.64	11.61	11.71	0.42	
	2	13.98	13.95	14.05	0.43	2.4
gamma-BHC (Lindane)	1	10.95	10.92	11.02	0.35	
	2	13.00	12.97	13.07	0.38	8.6

IDENTIFICATION SUMMARY
10A
FOR SINGLE COMPONENT ANALYTES

SAMPLE NO.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8E03401MS Date/Time Analyzed: 12/01/2008 13:13

Lab File ID (1): 6A29062.TX0 Lab File ID (2): 6B29062.TX0

Instrument ID (1): HP6890-6 A Instrument ID (2): HP6890-6 B

GC Column (1): RTX-CLPI Dia: 0.53 (mm) GC Column (2): RTX-CLPII Dia: 0.53 (mm)

Standard ID (1): A8P0000190 Standard ID (2): A8P0000191

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	10.12	10.08	10.18	0.33	
	2	12.04	12.01	12.11	0.34	3.0
beta-BHC	1	11.21	11.18	11.28	0.45	
	2	13.23	13.20	13.30	0.47	4.4
delta-BHC	1	11.64	11.61	11.71	0.38	
	2	13.98	13.95	14.05	0.43	13.2
gamma-BHC (Lindane)	1	10.95	10.92	11.02	0.34	
	2	13.00	12.97	13.07	0.37	8.8

IDENTIFICATION SUMMARY
10A
FOR SINGLE COMPONENT ANALYTES

SAMPLE NO.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8E03401SD Date/Time Analyzed: 12/01/2008 13:50

Lab File ID (1): 6A29063.TX0 Lab File ID (2): 6B29063.TX0

Instrument ID (1): HP6890-6 A Instrument ID (2): HP6890-6 B

GC Column (1): RTX-CLPI Dia: 0.53 (mm) GC Column (2): RTX-CLPII Dia: 0.53 (mm)

Standard ID (1): A8P0000190 Standard ID (2): A8P0000191

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	10.12	10.08	10.18	0.32	
	2	12.05	12.01	12.11	0.33	3.1
beta-BHC	1	11.21	11.18	11.28	0.43	
	2	13.24	13.20	13.30	0.46	7.0
delta-BHC	1	11.64	11.61	11.71	0.37	
	2	13.98	13.95	14.05	0.42	13.5
gamma-BHC (Lindane)	1	10.96	10.92	11.02	0.32	
	2	13.00	12.97	13.07	0.36	12.5

TotalChrom Method File H:\TURBO6\6890-06\6a-(11-29-08).mth
Printed by : NearyM on: 11/30/2008 13:28:10
Created by : NearyM on: 11/30/2008 13:06:34
Edited by : NearyM on: 11/30/2008 13:15:57
Number of Times Edited : 2
Number of Times Calibrated : 2571
Description: PEST CURVE 11-14-08

Processed by: MM 12/1/08

Reviewed by: DWB 12/1/08

Global Sample Information

Default Sample Volume : 1.000 ul
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information

alpha-BHC
Component Type : Single Peak Component
Retention Time : 10.079 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	898506.00	287789.68	----------	----------	1
B	0.0100	1694119.90	554598.51	----------	----------	1
C	0.0500	7946756.30	2.70e+06	----------	----------	1
D	0.1000	16257087.90	5.56e+06	----------	----------	1
E	0.1500	24411108.90	8.43e+06	----------	----------	1

Calibration Curve : y = (16099.526964) + (162308188.888419)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999889

gamma-BHC
Component Type : Single Peak Component
Retention Time : 10.916 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	832482.60	258117.66	----------	----------	1
B	0.0100	1586221.20	506848.85	----------	----------	1
C	0.0500	7338716.60	2.41e+06	----------	----------	1
D	0.1000	14918946.16	4.99e+06	----------	----------	1
E	0.1500	22478285.70	7.57e+06	----------	----------	1

Calibration Curve : y = (31005.353834) + (149205155.079956)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999895

beta-BHC
Component Type : Single Peak Component
Retention Time : 11.174 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	385887.10	119959.86	----------	----------	1
B	0.0100	738118.90	228904.74	----------	----------	1
C	0.0500	3278511.50	1.03e+06	----------	----------	1
D	0.1000	6403971.60	2.08e+06	----------	----------	1
E	0.1500	9484848.00	3.12e+06	----------	----------	1

Calibration Curve : y = (108372.213078) + (62696747.099227)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999933

delta-BHC
Component Type : Single Peak Component
Retention Time : 11.602 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	810450.80	244001.63	----------	----------	1
B	0.0100	1580240.50	485451.62	----------	----------	1
C	0.0500	7741586.60	2.47e+06	----------	----------	1
D	0.1000	15889736.20	5.23e+06	----------	----------	1
E	0.1500	23807685.25	7.95e+06	----------	----------	1

Calibration Curve : y = (-43924.722392) + (158886737.313214)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999916

Heptachlor
Component Type : Single Peak Component
Retention Time : 12.093 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	794849.00	245712.07	----------	----------	1
B	0.0100	1525435.60	480412.97	----------	----------	1
C	0.0500	7138586.10	2.33e+06	----------	----------	1
D	0.1000	14164751.60	4.61e+06	----------	----------	1
E	0.1500	21062043.90	6.82e+06	----------	----------	1

Calibration Curve : y = (127264.798906) + (139839176.703255)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999980

Aldrin
Component Type : Single Peak Component
Retention Time : 12.806 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	750898.90	232615.65	----------	----------	1
B	0.0100	1431826.00	450286.20	----------	----------	1
C	0.0500	6887008.40	2.21e+06	----------	----------	1
D	0.1000	13694448.50	4.40e+06	----------	----------	1
E	0.1500	20294191.98	6.54e+06	----------	----------	1

Calibration Curve : y = (104534.024028) + (135033978.736338)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999949

Hept. epoxide
Component Type : Single Peak Component
Retention Time : 14.247 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	658925.60	203498.23	----------	----------	1
B	0.0100	1272143.20	389813.90	----------	----------	1
C	0.0500	6052470.90	1.89e+06	----------	----------	1
D	0.1000	12018126.40	3.79e+06	----------	----------	1
E	0.1500	17768361.00	5.60e+06	----------	----------	1

Calibration Curve : y = (106998.526996) + (118206458.619110)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999925

gamma chlordane
Component Type : Single Peak Component
Retention Time : 14.526 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	643781.50	200502.08	----------	----------	1
B	0.0100	1246409.80	384183.70	----------	----------	1
C	0.0500	6183180.20	1.95e+06	----------	----------	1
D	0.1000	12579193.40	4.00e+06	----------	----------	1
E	0.1500	19104861.60	6.13e+06	----------	----------	1

Calibration Curve : y = (-62760.887042) + (127210256.937173)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999866

alpha chlordane
Component Type : Single Peak Component
Retention Time : 14.827 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	615391.20	191843.91	----------	----------	1
B	0.0100	1194960.00	363343.63	----------	----------	1
C	0.0500	5784966.30	1.83e+06	----------	----------	1
D	0.1000	11776349.30	3.73e+06	----------	----------	1
E	0.1500	17687075.00	5.69e+06	----------	----------	1

Calibration Curve : y = (-10832.193921) + (117818734.784979)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999944

4,4'-DDE
Component Type : Single Peak Component
Retention Time : 15.047 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	526715.80	167440.73	----------	----------	1
B	0.0100	1060448.07	333093.47	----------	----------	1
C	0.0500	5373128.61	1.75e+06	----------	----------	1
D	0.1000	11121417.51	3.67e+06	----------	----------	1
E	0.1500	16747655.75	5.54e+06	----------	----------	1

Calibration Curve : y = (-92495.791986) + (112037602.228602)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999873

Endosulfan I
Component Type : Single Peak Component
Retention Time : 15.123 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	606531.00	183138.16	----------	----------	1
B	0.0100	1175805.33	345879.57	----------	----------	1
C	0.0500	5627607.79	1.70e+06	----------	----------	1
D	0.1000	11284155.59	3.45e+06	----------	----------	1
E	0.1500	16550444.85	5.10e+06	----------	----------	1

Calibration Curve : y = (94388.894964) + (110389206.613021)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999809

Dieldrin
Component Type : Single Peak Component
Retention Time : 15.658 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	580512.00	178002.16	----------	----------	1
B	0.0100	1142725.00	342291.37	----------	----------	1
C	0.0500	5593131.30	1.72e+06	----------	----------	1
D	0.1000	11494555.00	3.54e+06	----------	----------	1
E	0.1500	16982332.80	5.24e+06	----------	----------	1

Calibration Curve : y = (1815.442053) + (113600563.759299)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999852

Endrin
Component Type : Single Peak Component
Retention Time : 16.161 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	425010.00	124457.58	----------	----------	1
B	0.0100	887018.50	260196.90	----------	----------	1
C	0.0500	4589971.60	1.37e+06	----------	----------	1
D	0.1000	9397554.90	2.84e+06	----------	----------	1
E	0.1500	14383874.40	4.36e+06	----------	----------	1

Calibration Curve : y = (-115001.878788) + (96058532.349154)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999775

4,4'-DDD
Component Type : Single Peak Component
Retention Time : 16.355 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	407408.40	111315.57	----------	----------	1
B	0.0100	826058.50	236208.03	----------	----------	1
C	0.0500	4009756.20	1.20e+06	----------	----------	1
D	0.1000	8226519.40	2.54e+06	----------	----------	1
E	0.1500	12052823.60	3.78e+06	----------	----------	1

Calibration Curve : y = (18997.927617) + (80722462.013364)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999737

Endosulfan II
Component Type : Single Peak Component
Retention Time : 16.655 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	437685.80	126837.49	----------	----------	1
B	0.0100	868757.40	256004.01	----------	----------	1
C	0.0500	4147839.40	1.21e+06	----------	----------	1
D	0.1000	8368746.90	2.51e+06	----------	----------	1
E	0.1500	12227919.30	3.65e+06	----------	----------	1

Calibration Curve : y = (64142.026571) + (81683297.356021)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999727

4,4'-DDT
Component Type : Single Peak Component
Retention Time : 16.950 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	219945.20	68742.03	----------	----------	1
B	0.0100	509854.80	161275.67	----------	----------	1
C	0.0500	3210660.90	999061.79	----------	----------	1
D	0.1000	6969821.10	2.20e+06	----------	----------	1
E	0.1500	11052006.40	3.56e+06	----------	----------	1

Calibration Curve : y = (-299105.501751) + (74469255.629028)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998402

Endrin aldehyde
Component Type : Single Peak Component
Retention Time : 17.573 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	318575.20	89175.95	----------	----------	1
B	0.0100	644449.90	180249.24	----------	----------	1
C	0.0500	2933690.60	832256.04	----------	----------	1
D	0.1000	5792264.00	1.66e+06	----------	----------	1
E	0.1500	8417256.70	2.46e+06	----------	----------	1

Calibration Curve : y = (92571.445026) + (56010727.539267)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999577

Methoxychlor
Component Type : Single Peak Component
Retention Time : 18.003 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	111242.40	34764.49	----------	----------	1
B	0.0100	256510.00	81987.26	----------	----------	1
C	0.0500	1522414.40	472310.50	----------	----------	1
D	0.1000	3226284.70	1.01e+06	----------	----------	1
E	0.1500	4995996.57	1.58e+06	----------	----------	1

Calibration Curve : y = (-97517.114616) + (33650900.446415)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999441

Endo. Sulfate
Component Type : Single Peak Component
Retention Time : 18.509 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	332516.20	93378.80	----------	----------	1
B	0.0100	656947.50	190677.96	----------	----------	1
C	0.0500	3226048.40	925334.08	----------	----------	1
D	0.1000	6482269.40	1.88e+06	----------	----------	1
E	0.1500	9637093.50	2.85e+06	----------	----------	1

Calibration Curve : y = (17211.655236) + (64281957.853403)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999969

Endrin ketone
Component Type : Single Peak Component
Retention Time : 19.094 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:28:10 Method: H:\TURBO6\6890-06\6a-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

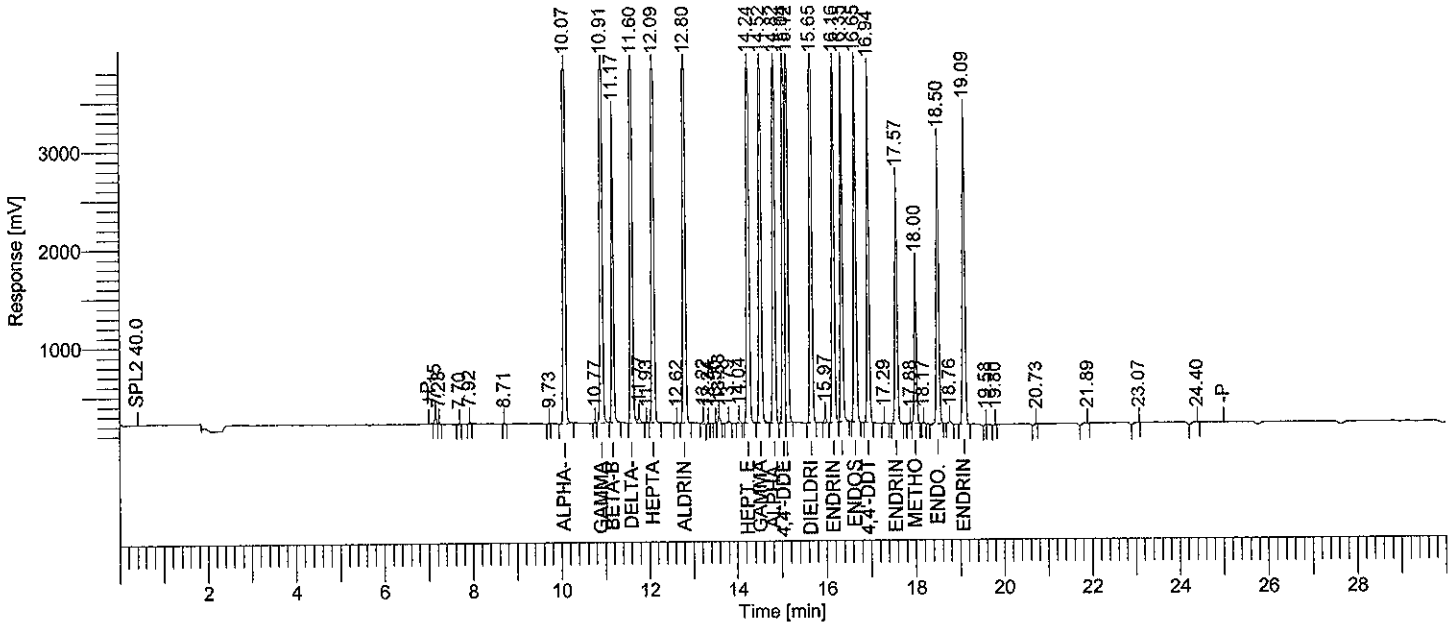
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	369955.90	102392.10	----------	----------	1
B	0.0100	737672.40	204551.80	----------	----------	1
C	0.0500	3706719.20	1.02e+06	----------	----------	1
D	0.1000	7454995.20	2.11e+06	----------	----------	1
E	0.1500	11256633.80	3.16e+06	----------	----------	1

Calibration Curve : y = (-21538.577094) + (75027521.858639)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999975

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:20
Reprocess Number	: buf2048: 83004		
Operator	: tchrom	Sample Name	: ICM25ZT
Sample Number	: .15	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/29
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 14:20:06	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6a29029.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29029.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29029.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29029.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29029.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

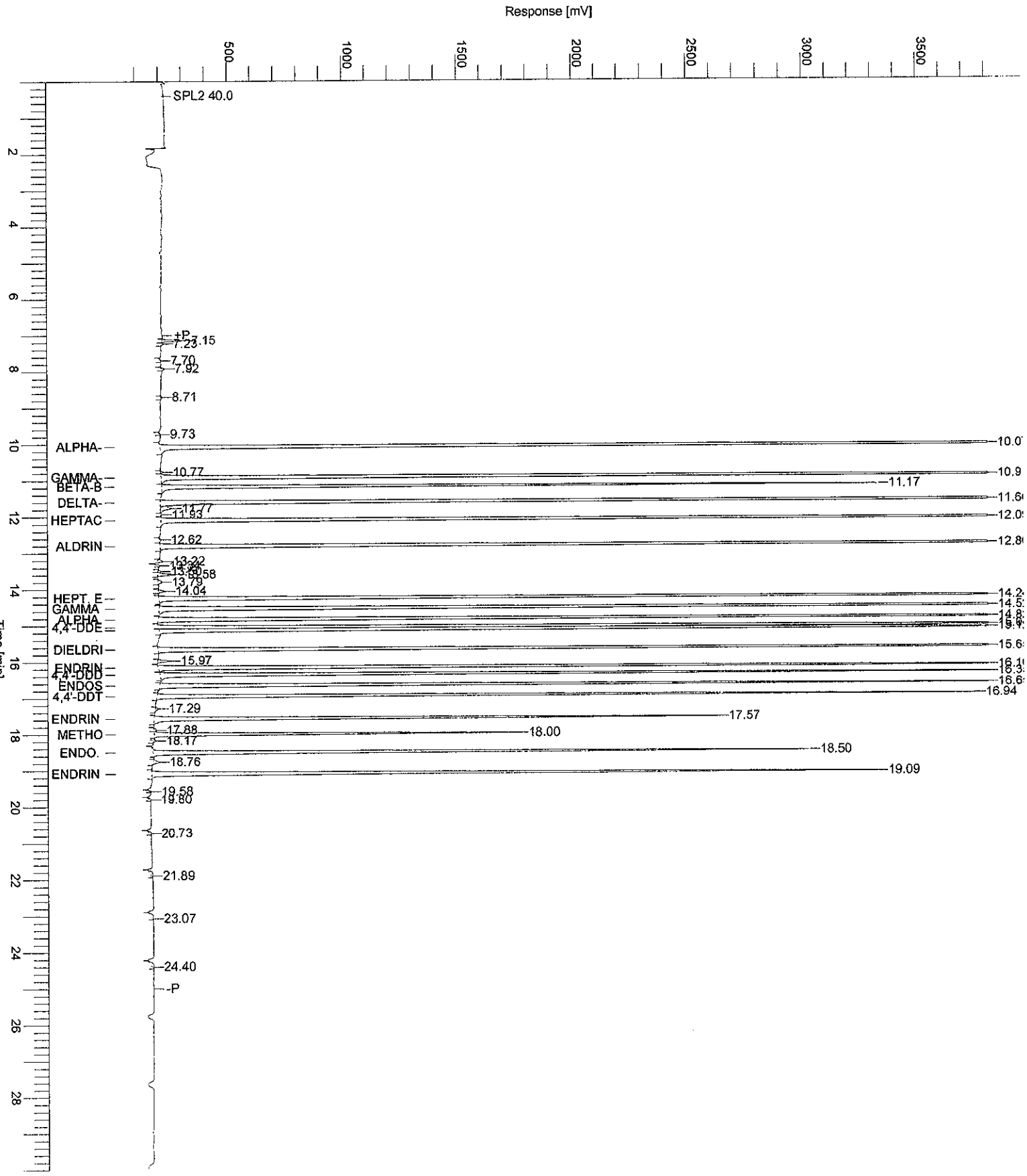
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.15	226326		B	0.22633	85344.82
2	7.23	21878		V	0.02188	8964.89
3	7.70	11151		B	0.01115	2157.93
4	7.92	45723		B	0.04572	16445.33
5	8.71	18037		B	0.01804	5548.65
6	9.73	10835		B	0.01083	2339.10
7	10.07	24411109	alpha-BHC	B	0.15000	8.43e+06
8	10.77	27467		B	0.02747	10724.37
9	10.91	22478286	gamma-BHC	V	0.15000	7.57e+06
10	11.17	9484848	beta-BHC	B	0.15000	3.12e+06
11	11.60	23807685	delta-BHC	B	0.15000	7.95e+06
12	11.77	297184		E	0.29718	49645.53
13	11.93	18919		V	0.01892	5426.13
14	12.09	21062044	Heptachlor	V	0.15000	6.82e+06
15	12.62	31265		B	0.03126	7329.27
16	12.80	20294192	Aldrin	V	0.15000	6.54e+06

11/30/2008 13:14:20 Result: H:\TURBO6\6890-06\6a29029.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	13.22	101944		B	0.10194	29053.15
18	13.34	32678		B	0.03268	8327.85
19	13.50	35949		B	0.03595	11894.46
20	13.58	245100		V	0.24510	74818.70
21	13.79	77558		B	0.07756	16496.08
22	14.04	93642		B	0.09364	30958.31
23	14.24	17768361	Hept. epoxide	B	0.15000	5.60e+06
24	14.52	19104862	gamma chlordane	B	0.15000	6.13e+06
25	14.82	17687075	alpha chlordane	B	0.15000	5.69e+06
26	15.04	16747656	4,4'-DDE	B	0.15000	5.54e+06
27	15.12	16550445	Endosulfan I	V	0.15000	5.10e+06
28	15.65	16982333	Dieldrin	B	0.15000	5.24e+06
29	15.97	175851		B	0.17585	57451.75
30	16.16	14383874	Endrin	B	0.15000	4.36e+06
31	16.35	12052824	4,4'-DDD	B	0.15000	3.78e+06
32	16.65	12227919	Endosulfan II	B	0.15000	3.65e+06
33	16.94	11052006	4,4'-DDT	B	0.15000	3.56e+06
34	17.29	49709		B	0.04971	12865.01
35	17.57	8417257	Endrin aldehyde	B	0.15000	2.46e+06
36	17.88	46656		B	0.04666	9611.73
37	18.00	4995997	Methoxychlor	V	0.15000	1.58e+06
38	18.17	27060		B	0.02706	9394.63
39	18.50	9637093	Endo. Sulfate	B	0.15000	2.85e+06
40	18.76	115099		B	0.11510	27346.02
41	19.09	11256634	Endrin ketone	B	0.15000	3.16e+06
42	19.58	18360		B	0.01836	4445.49
43	19.80	27794		B	0.02779	5221.33
44	20.73	43623		B	0.04362	5807.94
45	21.89	103100		B	0.10310	4940.03
46	23.07	88251		B	0.08825	3004.05
47	24.40	110114		B	0.11011	5450.52
		3e+08			5.10127	9.96e+07

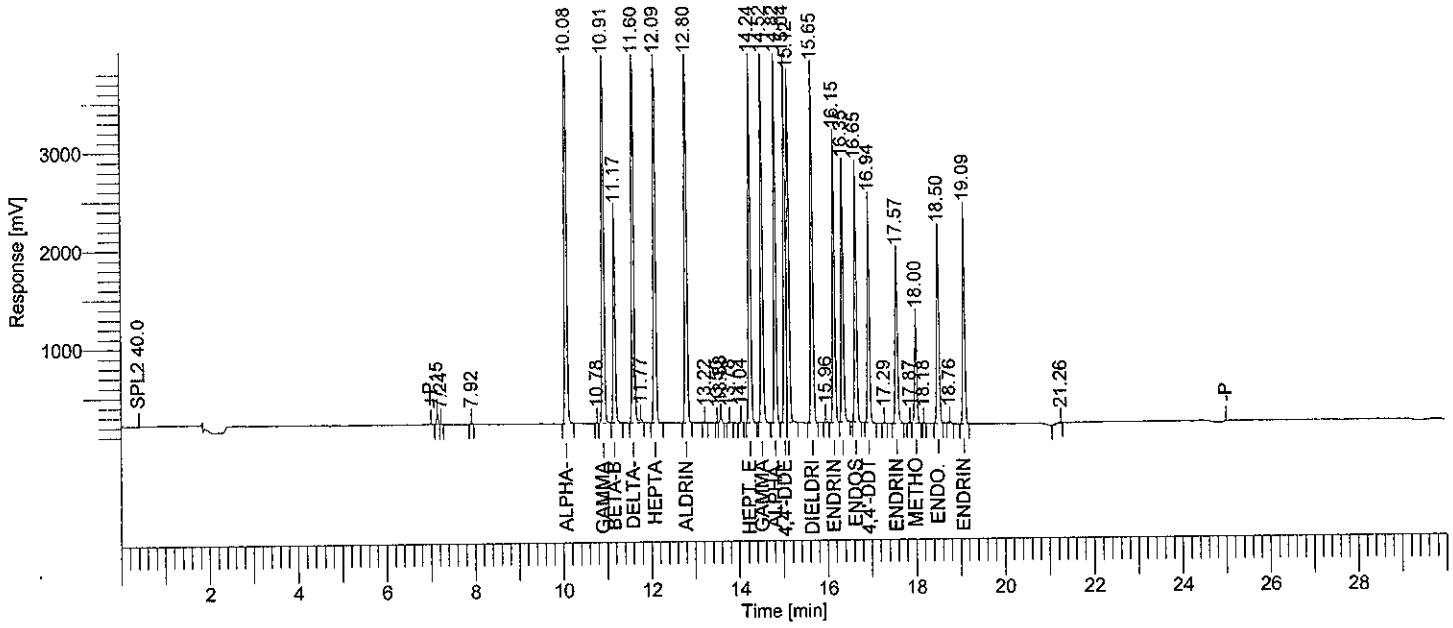
Chromatogram

Sample Name : ICM25ZT Sample #: .15 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29029.raw
Date : 11/30/2008 13:14:22
Method : 6890-6 bside ins Time of Injection: 11/29/2008 14:20:06
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:30
Reprocess Number	: buf2048: 83006		
Operator	: tchrom	Sample Name	: ICM25ZQ
Sample Number	: .10	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/30
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 14:56:24	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6a29030.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29030.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29030.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29030.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29030.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.15	291920		B	0.29192	110287.80
2	7.24	18110		V	0.01811	7124.67
3	7.92	31993		B	0.03199	11839.77
4	10.08	16257088	alpha-BHC	B	0.10000	5.56e+06
5	10.78	21414		B	0.02141	8017.68
6	10.91	14918946	gamma-BHC	V	0.10000	4.99e+06
7	11.17	6403972	beta-BHC	B	0.10000	2.08e+06
8	11.60	15889736	delta-BHC	B	0.10000	5.23e+06
9	11.77	175055		E	0.17505	32058.07
10	12.09	14164752	Heptachlor	B	0.10000	4.61e+06
11	12.80	13694448	Aldrin	B	0.10000	4.40e+06
12	13.22	39991		B	0.03999	12813.95
13	13.50	13382		B	0.01338	5089.78
14	13.58	159060		V	0.15906	49794.31
15	13.78	53047		B	0.05305	12017.27
16	14.04	64852		B	0.06485	21655.65

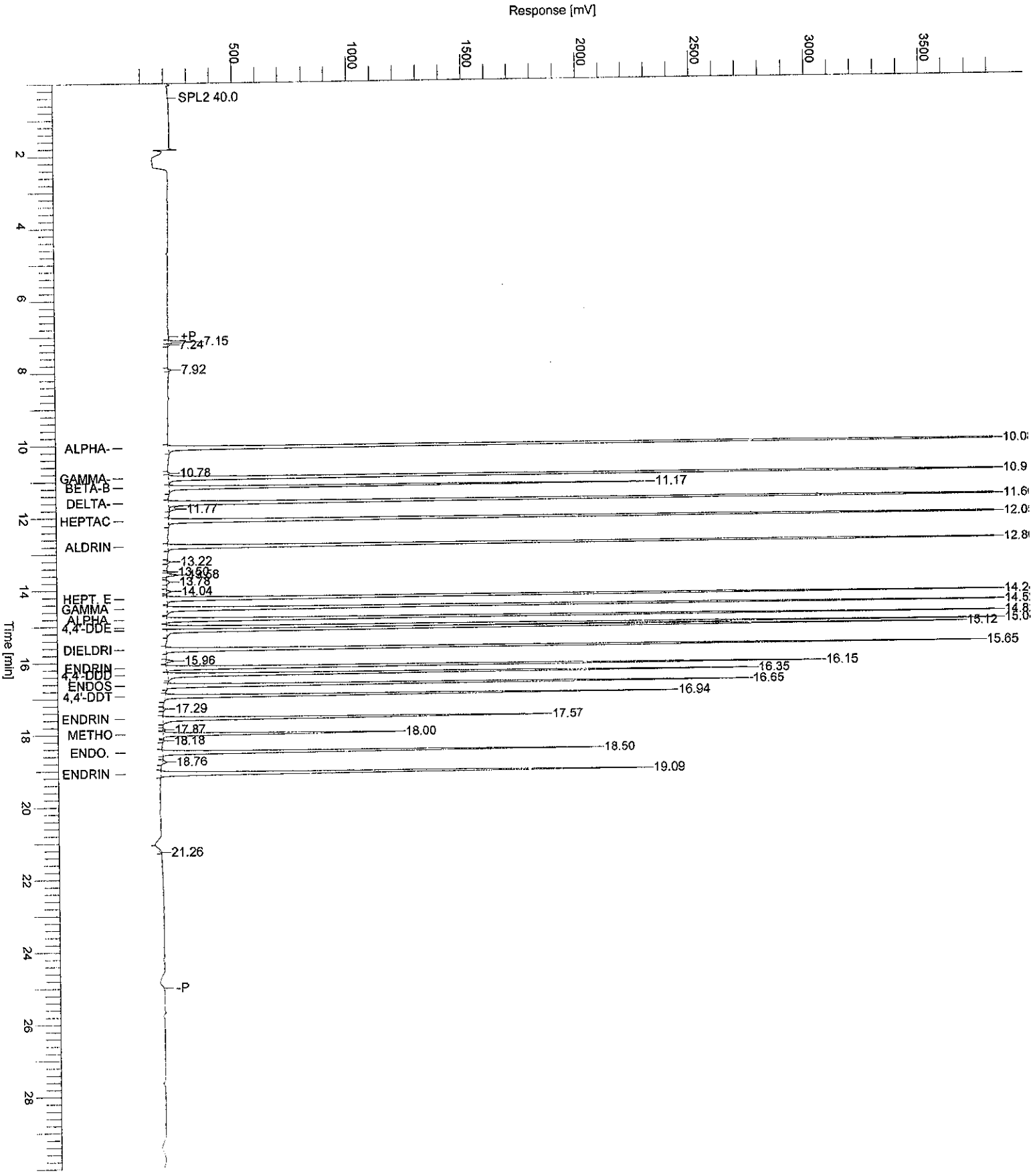
11/30/2008 13:14:30 Result: H:\TURBO6\6890-06\6a29030.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	14.24	12018126	Hept. epoxide	B	0.10000	3.79e+06
18	14.52	12579193	gamma chlordane	B	0.10000	4.00e+06
19	14.82	11776349	alpha chlordane	B	0.10000	3.73e+06
20	15.04	11121418	4,4'-DDE	B	0.10000	3.67e+06
21	15.12	11284156	Endosulfan I	V	0.10000	3.45e+06
22	15.65	11494555	Dieldrin	B	0.10000	3.54e+06
23	15.96	115421		B	0.11542	37500.82
24	16.15	9397555	Endrin	B	0.10000	2.84e+06
25	16.35	8226519	4,4'-DDD	B	0.10000	2.54e+06
26	16.65	8368747	Endosulfan II	B	0.10000	2.51e+06
27	16.94	6969821	4,4'-DDT	B	0.10000	2.20e+06
28	17.29	30919		B	0.03092	8833.89
29	17.57	5792264	Endrin aldehyde	B	0.10000	1.66e+06
30	17.87	27212		B	0.02721	8339.98
31	18.00	3226285	Methoxychlor	V	0.10000	1.01e+06
32	18.18	13039		B	0.01304	5182.77
33	18.50	6482269	Endo. Sulfate	B	0.10000	1.88e+06
34	18.76	74127		B	0.07413	18646.17
35	19.09	7454995	Endrin ketone	B	0.10000	2.11e+06
36	21.26	57343		B	0.05734	3913.60
		2e+08			3.18688	6.61e+07

Chromatogram

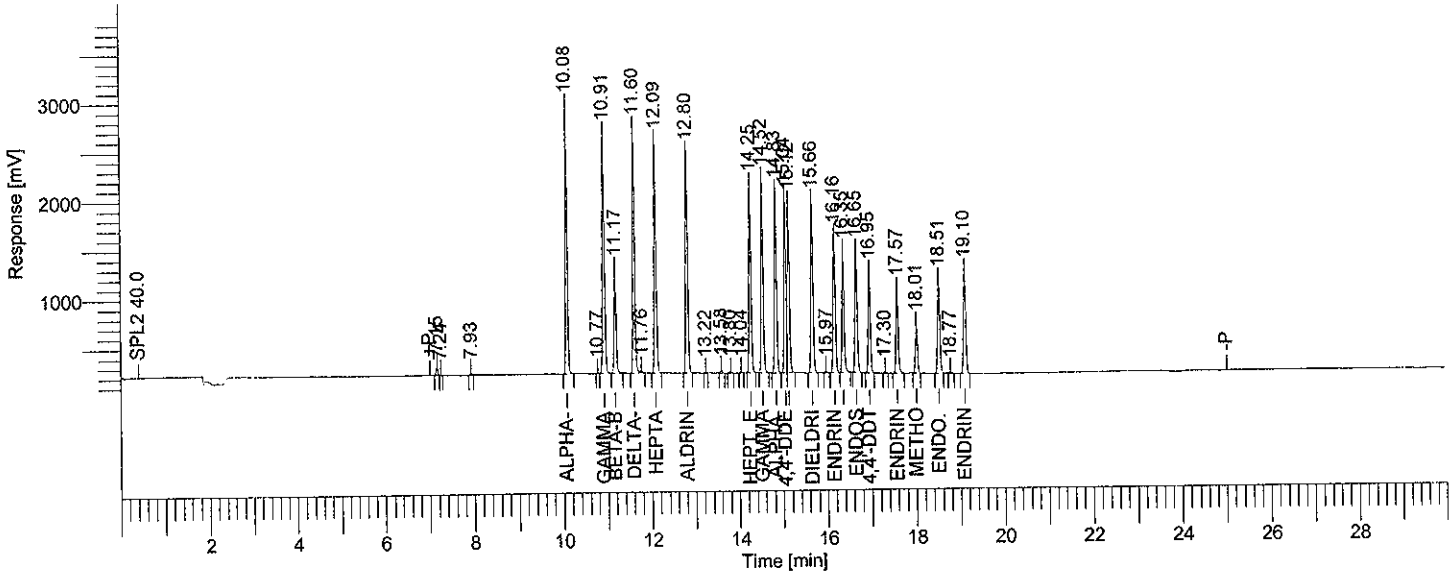
Sample Name : ICM25ZQ
FileName : H:\TURBO6\6890-06\6a29030.raw
Date : 11/30/2008 13:14:31
Method : 6890-6 bside ins
Start Time : 0.00 min
End Time : 30.00 min
Plot Offset: 10.00 mV
Plot Scale: 3800.0 mV

Sample #: .10
Page 1 of 1
Time of Injection: 11/29/2008 14:56:24
Low Point : 10.00 mV
High Point : 3810.00 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:38
Reprocess Number	: buf2048: 83008		
Operator	: tchrom	Sample Name	: ICM25ZU
Sample Number	: .05	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/31
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 15:32:57	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6a29031.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29031.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29031.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29031.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29031.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.15	204534		B	0.20453	76447.11
2	7.24	8425		B	0.00842	3650.47
3	7.93	28414		B	0.02841	9987.75
4	10.08	7946756	alpha-BHC	B	0.05000	2.70e+06
5	10.77	9011		B	0.00901	3874.90
6	10.91	7338717	gamma-BHC	B	0.05000	2.41e+06
7	11.17	3278511	beta-BHC	B	0.05000	1.03e+06
8	11.60	7741587	delta-BHC	B	0.05000	2.47e+06
9	11.76	101165		E	0.10116	18169.78
10	12.09	7138586	Heptachlor	B	0.05000	2.33e+06
11	12.80	6887008	Aldrin	B	0.05000	2.21e+06
12	13.22	19293		B	0.01929	6687.54
13	13.58	78798		B	0.07880	25723.64
14	13.80	35739		B	0.03574	8536.78
15	14.04	30880		B	0.03088	10432.63
16	14.25	6052471	Hept. epoxide	B	0.05000	1.89e+06

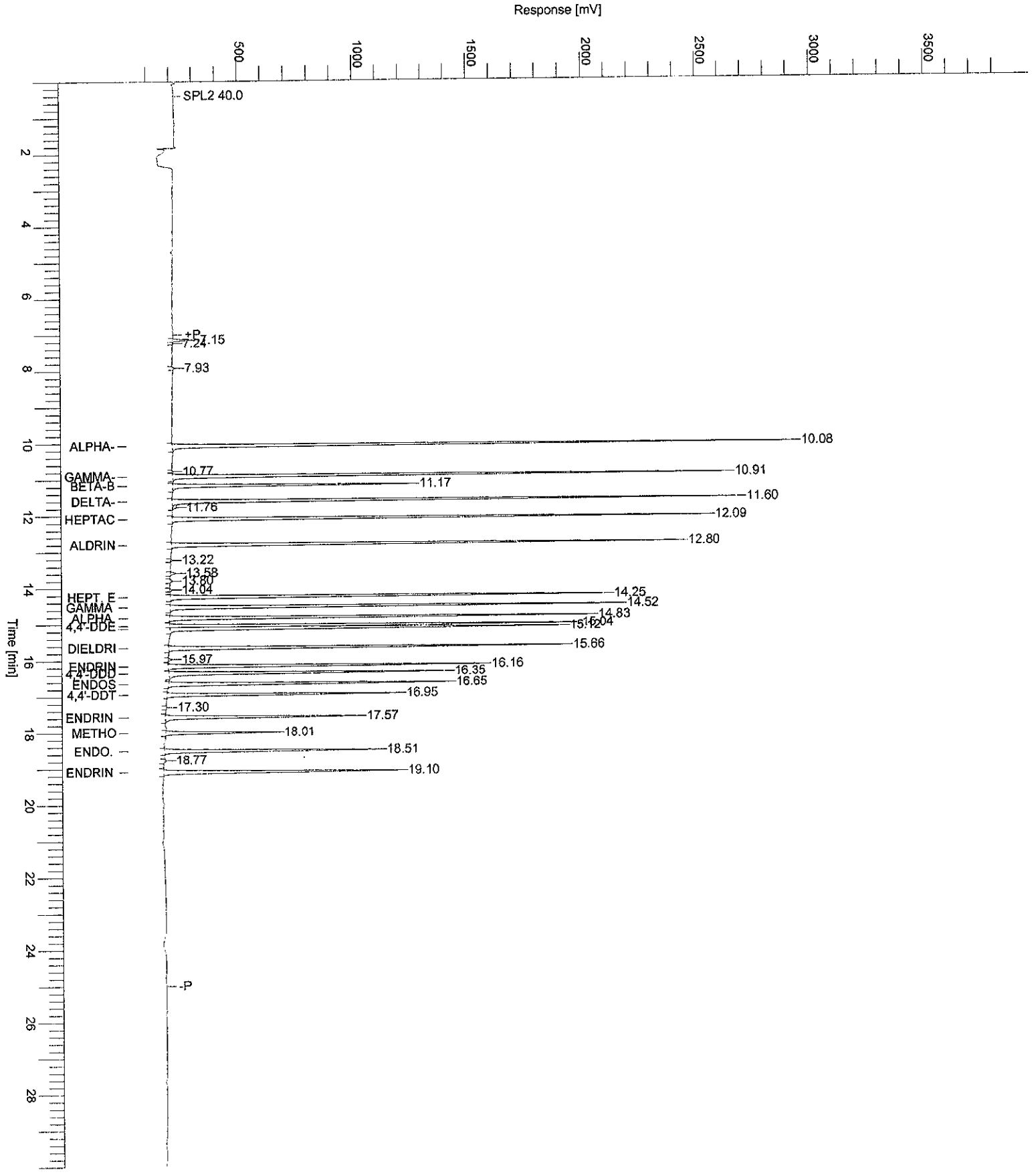
11/30/2008 13:14:38 Result: H:\TURBO6\6890-06\6a29031.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	14.52	6183180	gamma chlordane	B	0.05000	1.95e+06
18	14.83	5784966	alpha chlordane	B	0.05000	1.83e+06
19	15.04	5373129	4,4'-DDE	B	0.05000	1.75e+06
20	15.12	5627608	Endosulfan I	V	0.05000	1.70e+06
21	15.66	5593131	Dieldrin	B	0.05000	1.72e+06
22	15.97	52610		B	0.05261	17290.09
23	16.16	4589972	Endrin	B	0.05000	1.37e+06
24	16.35	4009756	4,4'-DDD	B	0.05000	1.20e+06
25	16.65	4147839	Endosulfan II	B	0.05000	1.21e+06
26	16.95	3210661	4,4'-DDT	B	0.05000	999061.79
27	17.30	20839		B	0.02084	5999.27
28	17.57	2933691	Endrin aldehyde	B	0.05000	832256.04
29	18.01	1522414	Methoxychlor	B	0.05000	472310.50
30	18.51	3226048	Endo. Sulfate	B	0.05000	925334.08
31	18.77	29541		B	0.02954	8021.01
32	19.10	3706719	Endrin ketone	B	0.05000	1.02e+06
		1e+08			1.61925	3.22e+07

Chromatogram

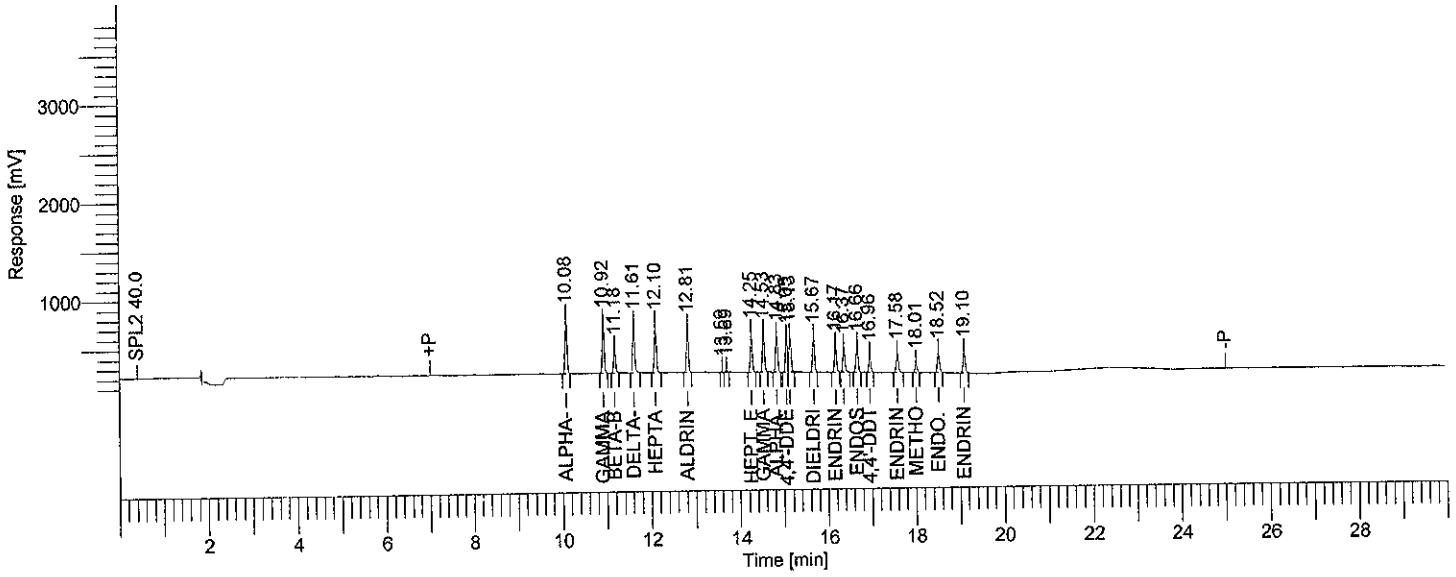
Sample Name : ICM25ZU
FileName : H:\TURBO6\6890-06\6a29031.raw
Date : 11/30/2008 13:14:40
Method : 6890-6 bside ins
Start Time : 0.00 min End Time : 30.00 min
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV

Sample #: .05 Page 1 of 1
Time of Injection: 11/29/2008 15:32:57
Low Point : 10.00 mV High Point : 3810.00 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:47
Reprocess Number	: buf2048: 83010		
Operator	: tchrom	Sample Name	: ICM25ZQ DF10
Sample Number	: 0.01	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/32
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 16:09:22	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6a29032.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29032.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29032.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29032.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29032.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

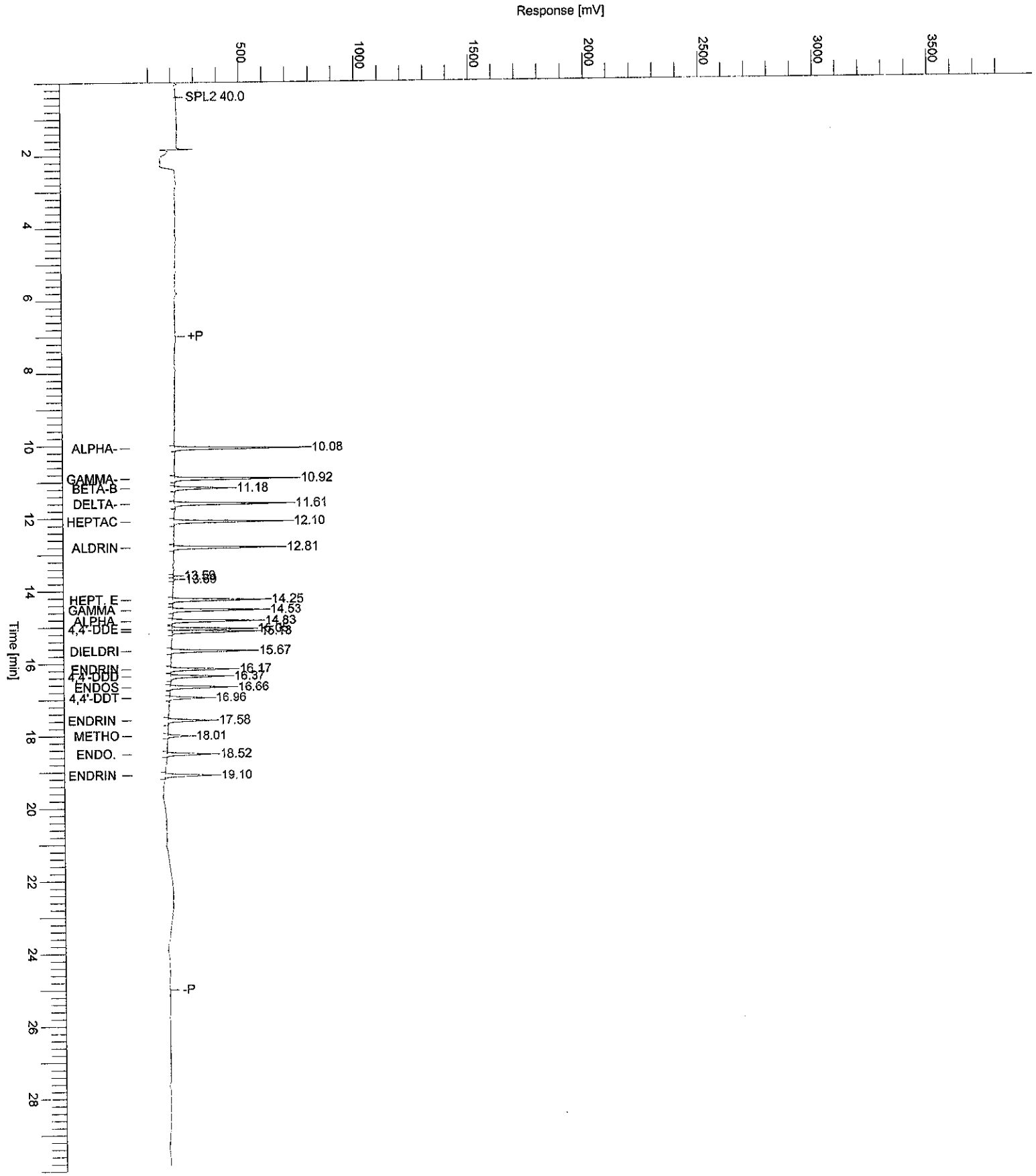
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	10.08	1694120	alpha-BHC	B	0.01000	554598.51
2	10.92	1586221	gamma-BHC	B	0.01000	506848.85
3	11.18	738119	beta-BHC	B	0.01000	228904.74
4	11.61	1580240	delta-BHC	B	0.01000	485451.62
5	12.10	1525436	Heptachlor	B	0.01000	480412.97
6	12.81	1431826	Aldrin	B	0.01000	450286.20
7	13.59	12288		B	0.01229	4731.28
8	13.69	28457		B	0.02846	8923.02
9	14.25	1272143	Hept. epoxide	B	0.01000	389813.90
10	14.53	1246410	gamma chlordane	B	0.01000	384183.70
11	14.83	1194960	alpha chlordane	B	0.01000	363343.63
12	15.05	1060448	4,4'-DDE	B	0.01000	333093.47
13	15.13	1175805	Endosulfan I	V	0.01000	345879.57
14	15.67	1142725	Dieldrin	B	0.01000	342291.37
15	16.17	887018	Endrin	B	0.01000	260196.90
16	16.37	826058	4,4'-DDD	B	0.01000	236208.03

11/30/2008 13:14:47 Result: H:\TURBO6\6890-06\6a29032.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	16.66	868757	Endosulfan II	B	0.01000	256004.01
18	16.96	509855	4,4'-DDT	B	0.01000	161275.67
19	17.58	644450	Endrin aldehyde	B	0.01000	180249.24
20	18.01	256510	Methoxychlor	B	0.01000	81987.26
21	18.52	656948	Endo. Sulfate	B	0.01000	190677.96
22	19.10	737672	Endrin ketone	B	0.01000	204551.80
		21076467			0.24074	6.45e+06

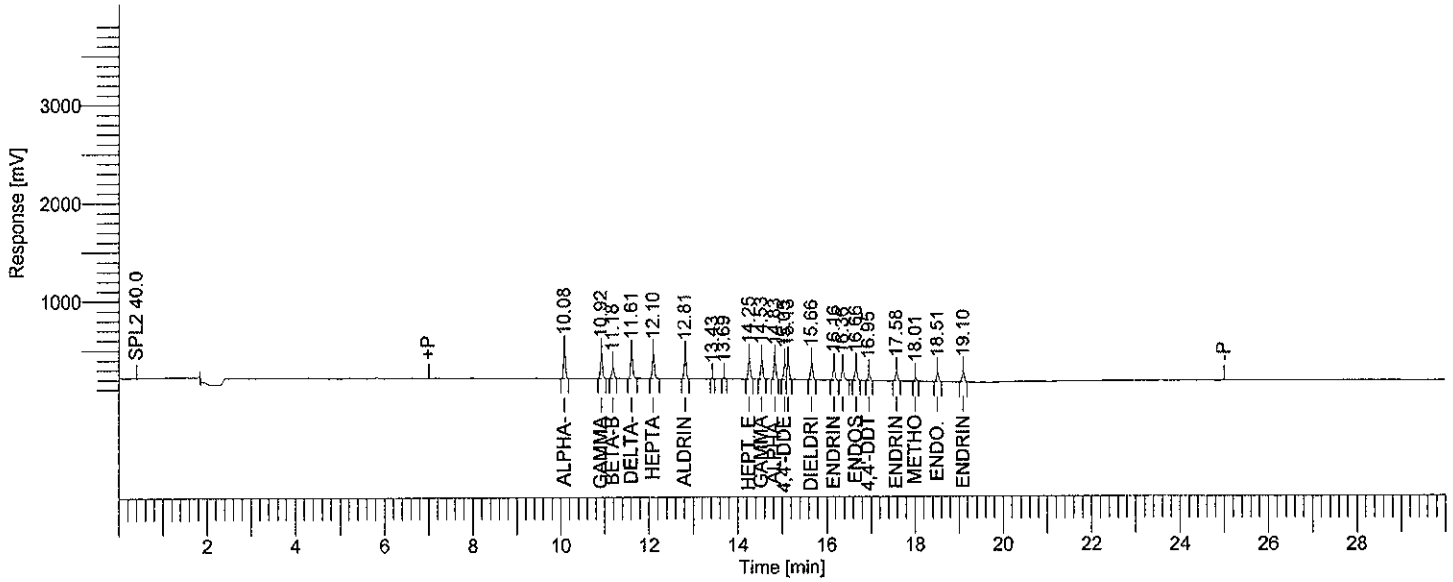
Chromatogram

Sample Name : ICM25ZQ DF10 Sample #: 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29032.raw
Date : 11/30/2008 13:14:48
Method : 6890-6 bside ins Time of Injection: 11/29/2008 16:09:22
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:55
Reprocess Number	: buf2048: 83012		
Operator	: tchrom	Sample Name	: ICM25ZU DF10
Sample Number	: 0.005	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/33
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 16:45:50	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6a29033.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29033.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29033.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29033.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29033.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

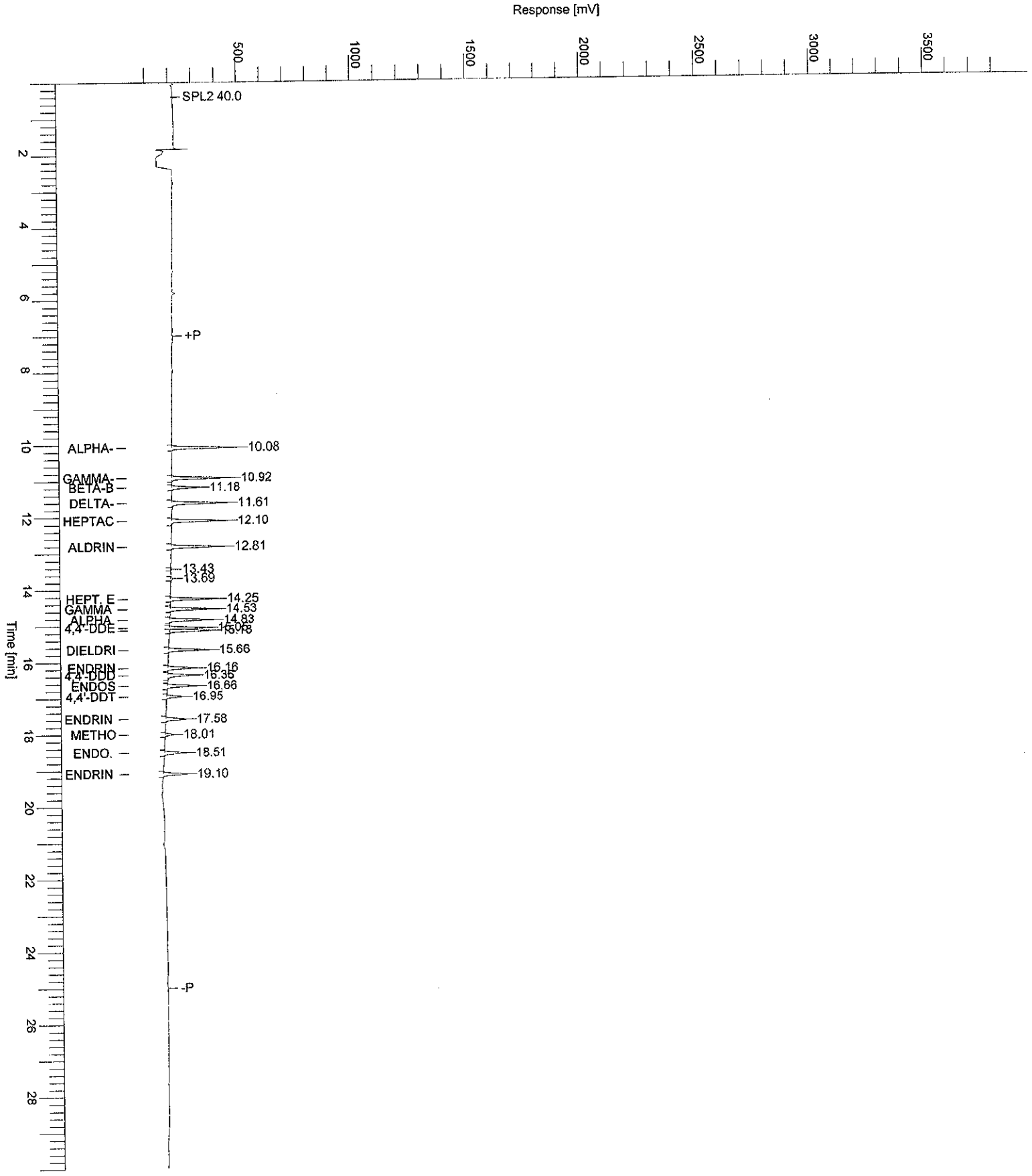
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	10.08	898506	alpha-BHC	B	0.00500	287789.68
2	10.92	832483	gamma-BHC	B	0.00500	258117.66
3	11.18	385887	beta-BHC	B	0.00500	119959.86
4	11.61	810451	delta-BHC	B	0.00500	244001.63
5	12.10	794849	Heptachlor	B	0.00500	245712.07
6	12.81	750899	Aldrin	B	0.00500	232615.65
7	13.43	14101		B	0.01410	5192.11
8	13.69	33618		B	0.03362	9604.91
9	14.25	658926	Hept. epoxide	B	0.00500	203498.23
10	14.53	643781	gamma chlordane	B	0.00500	200502.08
11	14.83	615391	alpha chlordane	B	0.00500	191843.91
12	15.05	526716	4,4'-DDE	B	0.00500	167440.73
13	15.13	606531	Endosulfan I	V	0.00500	183138.16
14	15.66	580512	Dieldrin	B	0.00500	178002.16
15	16.16	425010	Endrin	B	0.00500	124457.58
16	16.36	407408	4,4'-DDD	B	0.00500	111315.57

11/30/2008 13:14:55 Result: H:\TURBO6\6890-06\6a29033.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	16.66	437686	Endosulfan II	B	0.00500	126837.49
18	16.95	219945	4,4'-DDT	B	0.00500	68742.03
19	17.58	318575	Endrin aldehyde	B	0.00500	89175.95
20	18.01	111242	Methoxychlor	B	0.00500	34764.49
21	18.51	332516	Endo. Sulfate	B	0.00500	93378.80
22	19.10	369956	Endrin ketone	B	0.00500	102392.10
		10774989			0.14772	3.28e+06

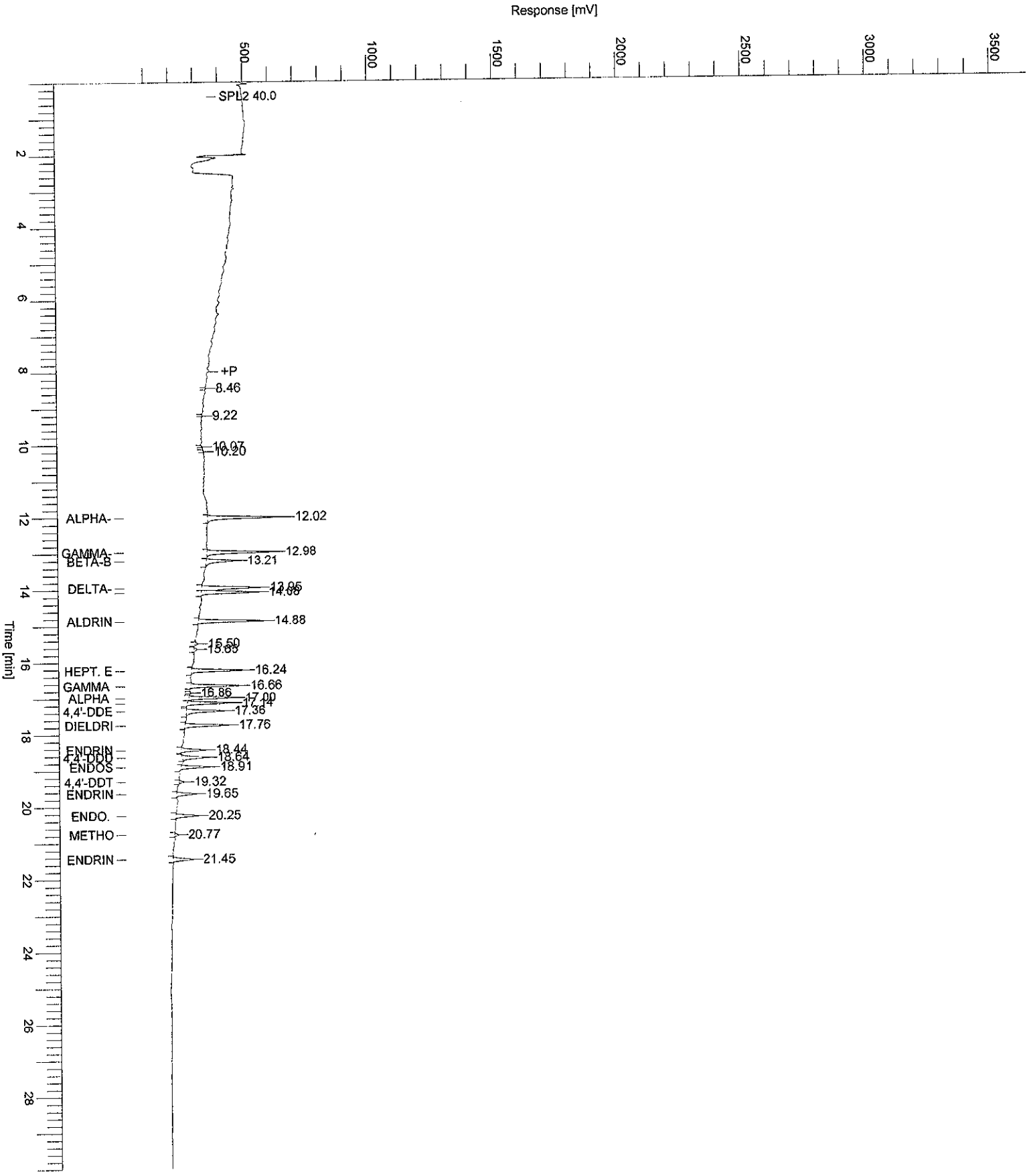
Chromatogram

Sample Name : ICM25ZU DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29033.raw
Date : 11/30/2008 13:14:57
Method : 6890-6 bside ins Time of Injection: 11/29/2008 16:45:50
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



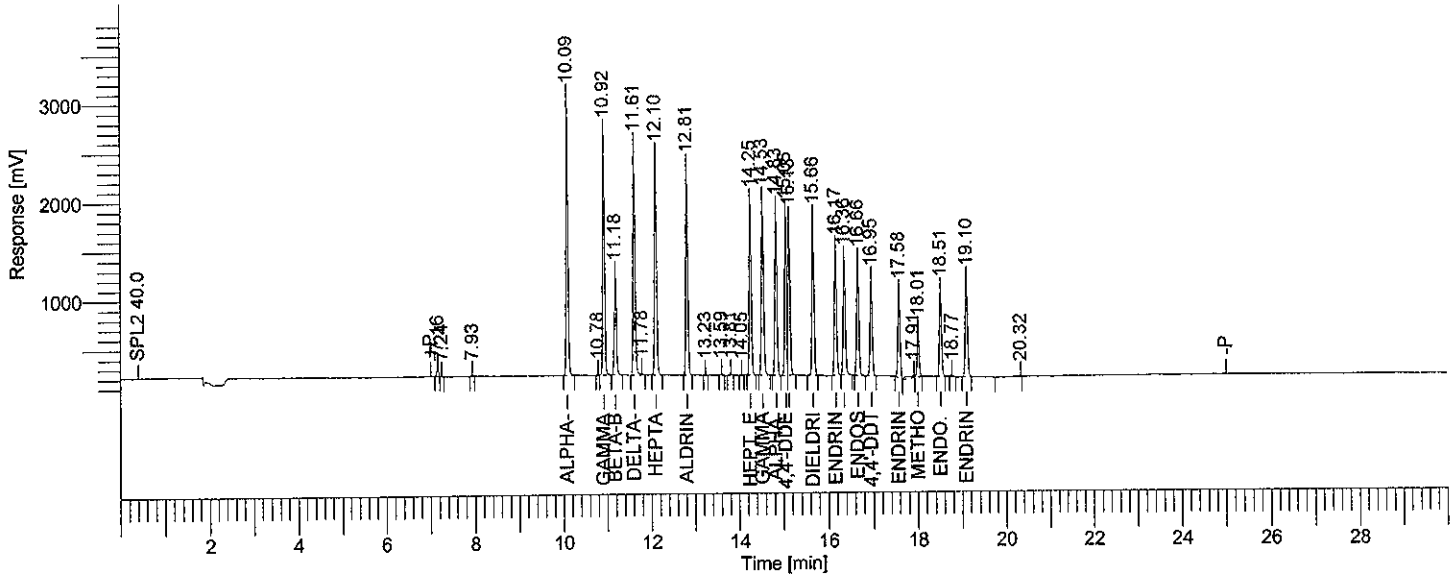
Chromatogram

Sample Name : ICM25ZU DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29033.raw
Date : 11/30/2008 13:15:01
Method : 6890-6 bside ins Time of Injection: 11/29/2008 16:45:50
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:31:49
Reprocess Number	: buf2048: 83015		
Operator	: tchrom	Sample Name	: ICM25YE
Sample Number	: 0.05	Study	: 2ND SOURCE
AutoSampler	: BUILT-IN	Rack/Vial	: 1/34
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 17:22:11	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6a29034.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29034.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29034.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29034.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29034.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.09	BB	8304666	alpha-BHC	0.05107	2.82e+06	2.1	10.04 -	10.14
10.92	VB	7460736	gamma-BHC	0.04980	2.46e+06	-0.4	10.87 -	10.97
11.18	BB	3170545	beta-BHC	0.04884	1.00e+06	-2.3	11.13 -	11.23
11.61	BE	7204425	delta-BHC	0.04562	2.32e+06	-8.8	11.56 -	11.66
12.10	BB	6837895	Heptachlor	0.04799	2.22e+06	-4.0	12.05 -	12.15
12.81	BB	6544973	Aldrin	0.04769	2.10e+06	-4.6	12.76 -	12.86
14.25	BB	5641332	Hept. epoxide	0.04682	1.75e+06	-6.4	14.20 -	14.30
14.53	BB	5619532	gamma chlordane	0.04467	1.77e+06	-10.7	14.48 -	14.58
14.83	BB	5357358	alpha chlordane	0.04556	1.68e+06	-8.9	14.78 -	14.88
15.05	BV	5013185	4,4'-DDE	0.04557	1.64e+06	-8.9	15.00 -	15.10
15.13	VB	5158060	Endosulfan I	0.04587	1.57e+06	-8.3	15.08 -	15.18
15.66	BB	5167564	Dieldrin	0.04547	1.58e+06	-9.1	15.61 -	15.71
16.17	BB	4314269	Endrin	0.04611	1.27e+06	-7.8	16.12 -	16.22
16.36	BB	3790947	4,4'-DDD	0.04673	1.16e+06	-6.5	16.31 -	16.41
16.66	BB	3919266	Endosulfan II	0.04720	1.15e+06	-5.6	16.61 -	16.71
16.95	BB	3070357	4,4'-DDT	0.04525	960585.04	-9.5	16.90 -	17.00

11/30/2008 13:31:49 Result: H:\TURBO6\6890-06\6a29034.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
17.58	BB	2904973	Endrin aldehyde	0.05021	854845.63	0.4	17.53 -	17.63
18.01	VB	1518601	Methoxychlor	0.04803	460929.99	-3.9	17.96 -	18.06
18.51	BB	2986541	Endo. Sulfate	0.04619	858207.19	-7.6	18.46 -	18.56
19.10	BB	3476845	Endrin ketone	0.04663	969147.44	-6.7	19.05 -	19.15
		97462069		0.94131	3.06e+07			

Missing Component Report

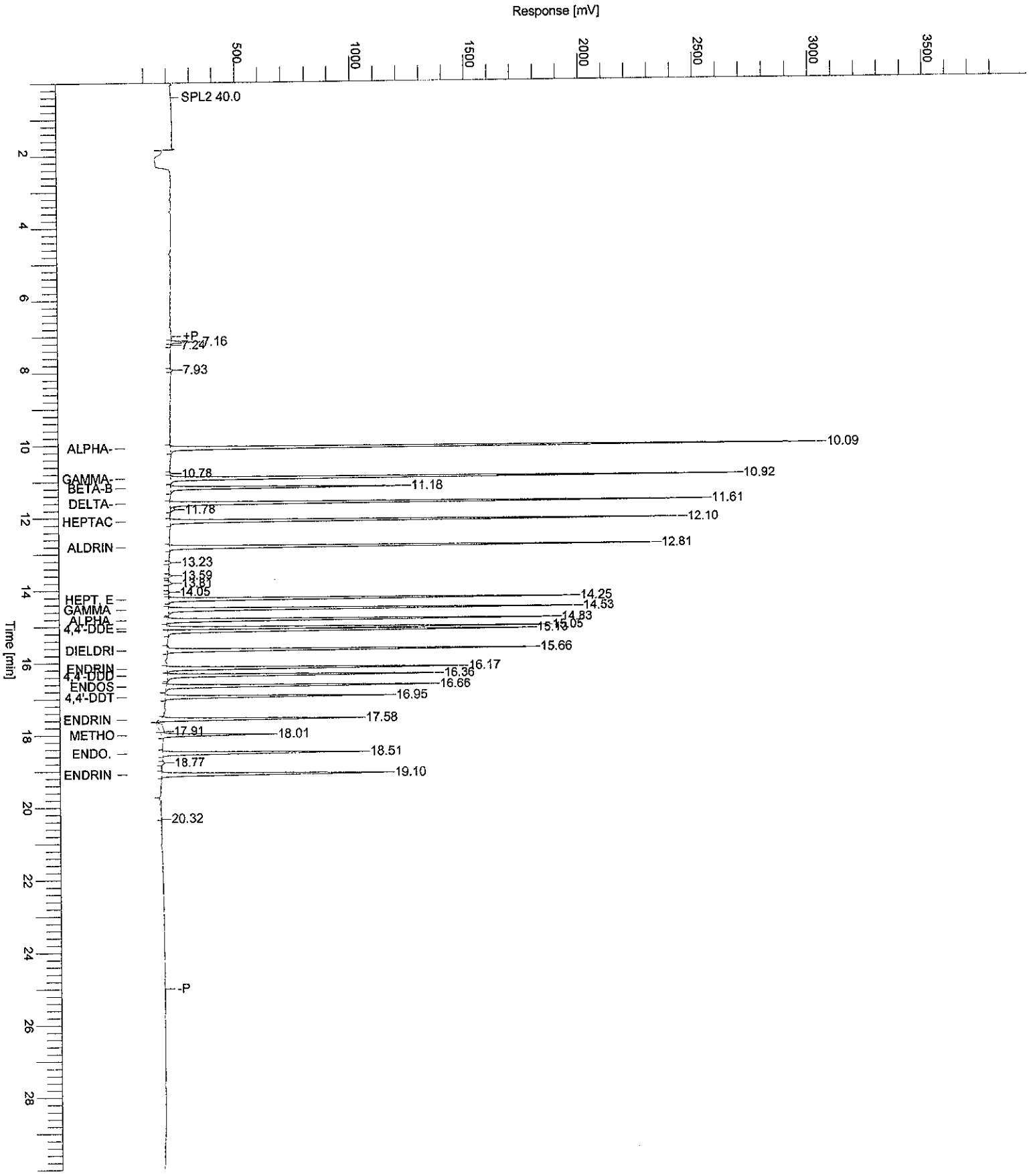
Component	Expected Retention (Calibration File)

All components were found

Chromatogram

Sample Name : ICM25YE
FileName : H:\TURBO6\6890-06\6a29034.raw
Date : 11/30/2008 13:31:51
Method : 6890-6 bside ins
Start Time : 0.00 min End Time : 30.00 min
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV

Sample #: 0.05 Page 1 of 1
Time of Injection: 11/29/2008 17:22:11
Low Point : 10.00 mV High Point : 3810.00 mV



aldehyde %RSD

TotalChrom Method File H:\TURBO6\6890-06\6B-(11-29-08).mth
Printed by : NearyM on: 11/30/2008 13:26:52
Created by : NearyM on: 11/30/2008 13:07:27
Edited by : NearyM on: 11/30/2008 13:26:45
Number of Times Edited : 1
Number of Times Calibrated : 2572
Description: PEST CURVE 11-14-08

Processed by: _____ / /

Reviewed by: DEB 12/1/08

Global Sample Information

Default Sample Volume : 1.000 ul
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information

alpha-BHC
Component Type : Single Peak Component
Retention Time : 12.011 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	1198535.00	308727.18	----------	----------	1
B	0.0100	2099658.00	542990.32	----------	----------	1
C	0.0500	8538646.20	2.42e+06	----------	----------	1
D	0.1000	17329463.20	5.15e+06	----------	----------	1
E	0.1500	25967178.29	7.92e+06	----------	----------	1

Calibration Curve : y = (271609.203021) + (170715659.402638)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999775

gamma-BHC
Component Type : Single Peak Component
Retention Time : 12.969 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	1079292.40	273114.16	----------	----------	1
B	0.0100	1941066.12	499607.61	----------	----------	1
C	0.0500	7827122.72	2.21e+06	----------	----------	1
D	0.1000	15830586.12	4.67e+06	----------	----------	1
E	0.1500	23503104.39	7.16e+06	----------	----------	1

Calibration Curve : y = (292370.169379) + (154664505.385208)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999849

beta-BHC
Component Type : Single Peak Component
Retention Time : 13.202 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	542219.40	123259.65	----------	----------	1
B	0.0100	976855.68	225301.13	----------	----------	1
C	0.0500	3808791.88	915056.89	----------	----------	1
D	0.1000	7172717.43	1.90e+06	----------	----------	1
E	0.1500	10059986.21	2.92e+06	----------	----------	1

Calibration Curve : y = (356616.878760) + (65960271.347000)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998035

delta-BHC
Component Type : Single Peak Component
Retention Time : 13.946 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	1026493.28	234159.11	----------	----------	1
B	0.0100	1834142.42	439229.71	----------	----------	1
C	0.0500	7759491.21	2.11e+06	----------	----------	1
D	0.1000	16129420.39	4.62e+06	----------	----------	1
E	0.1500	24738874.72	7.28e+06	----------	----------	1

Calibration Curve : y = (25339.985493) + (163053083.695303)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999146

Heptachlor
Component Type : Single Peak Component
Retention Time : 14.077 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	891626.52	230879.35	----------	----------	1
B	0.0100	1585187.58	424001.39	----------	----------	1
C	0.0500	6635192.59	1.94e+06	----------	----------	1
D	0.1000	13803254.40	4.12e+06	----------	----------	1
E	0.1500	20566680.48	6.19e+06	----------	----------	1

Calibration Curve : y = (128574.494434) + (135997040.008319)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999613

Aldrin
Component Type : Single Peak Component
Retention Time : 14.870 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.020000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	981542.10	266019.56	----------	----------	1
B	0.0100	1718976.60	472604.29	----------	----------	1
C	0.0500	7145920.36	2.11e+06	----------	----------	1
D	0.1000	14106286.64	4.24e+06	----------	----------	1
E	0.1500	20754832.50	6.29e+06	----------	----------	1

Calibration Curve : y = (338091.434365) + (136562224.348884)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999932

Hept. epoxide
Component Type : Single Peak Component
Retention Time : 16.233 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	811418.20	212789.30	----------	----------	1
B	0.0100	1441855.90	381582.92	----------	----------	1
C	0.0500	6295365.80	1.79e+06	----------	----------	1
D	0.1000	12482277.20	3.65e+06	----------	----------	1
E	0.1500	18679801.60	5.54e+06	----------	----------	1

Calibration Curve : y = (183963.296302) + (123145721.328534)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999984

gamma chlordane
Component Type : Single Peak Component
Retention Time : 16.661 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	731282.80	199033.97	----------	----------	1
B	0.0100	1315503.00	359136.69	----------	----------	1
C	0.0500	6050204.90	1.76e+06	----------	----------	1
D	0.1000	12198947.60	3.63e+06	----------	----------	1
E	0.1500	18403130.40	5.56e+06	----------	----------	1

Calibration Curve : y = (64184.492834) + (121835384.875654)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999903

alpha chlordane
Component Type : Single Peak Component
Retention Time : 16.993 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	668254.06	186815.34	----------	----------	1
B	0.0100	1208624.74	334724.58	----------	----------	1
C	0.0500	5507582.76	1.61e+06	----------	----------	1
D	0.1000	11103105.66	3.34e+06	----------	----------	1
E	0.1500	16773684.23	5.08e+06	----------	----------	1

Calibration Curve : y = (60771.572404) + (110975848.709274)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999883

Endosulfan I
Component Type : Single Peak Component
Retention Time : 17.135 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	667785.84	180863.59	----------	----------	1
B	0.0100	1195228.26	320154.62	----------	----------	1
C	0.0500	5378285.84	1.54e+06	----------	----------	1
D	0.1000	10787066.74	3.13e+06	----------	----------	1
E	0.1500	16143836.77	4.75e+06	----------	----------	1

Calibration Curve : y = (107133.809493) + (106782648.923736)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999965

4,4'-DDE
Component Type : Single Peak Component
Retention Time : 17.351 min
Search Window : 3.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	632789.80	153471.36	----------	----------	1
B	0.0100	1147235.00	285237.98	----------	----------	1
C	0.0500	5301941.20	1.48e+06	----------	----------	1
D	0.1000	10901128.50	3.22e+06	----------	----------	1
E	0.1500	16553762.00	5.03e+06	----------	----------	1

Calibration Curve : y = (-7326.253567) + (109757104.024869)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999688

Dieldrin
Component Type : Single Peak Component
Retention Time : 17.752 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	657345.40	175320.90	----------	----------	1
B	0.0100	1194138.80	319586.28	----------	----------	1
C	0.0500	5507240.40	1.56e+06	----------	----------	1
D	0.1000	11224460.60	3.25e+06	----------	----------	1
E	0.1500	16942773.20	4.95e+06	----------	----------	1

Calibration Curve : y = (28754.558149) + (112324394.661478)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999840

Endrin
Component Type : Single Peak Component
Retention Time : 18.436 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	368059.20	97064.82	----------	----------	1
B	0.0100	718275.80	190708.96	----------	----------	1
C	0.0500	3540817.80	977351.40	----------	----------	1
D	0.1000	7399830.60	2.09e+06	----------	----------	1
E	0.1500	11757452.20	3.36e+06	----------	----------	1

Calibration Curve : y = (-154661.338060) + (77961083.791531)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998138

4,4'-DDD
Component Type : Single Peak Component
Retention Time : 18.632 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	413459.20	100034.04	----------	----------	1
B	0.0100	852470.50	202454.07	----------	----------	1
C	0.0500	3769571.00	1.01e+06	----------	----------	1
D	0.1000	7965123.20	2.22e+06	----------	----------	1
E	0.1500	12007462.85	3.50e+06	----------	----------	1

Calibration Curve : y = (-33405.506087) + (79920994.787855)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999490

Endosulfan II
Component Type : Single Peak Component
Retention Time : 18.903 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	439011.80	117547.28	----------	----------	1
B	0.0100	828397.20	219247.61	----------	----------	1
C	0.0500	3779318.60	1.06e+06	----------	----------	1
D	0.1000	8077161.80	2.23e+06	----------	----------	1
E	0.1500	11896972.75	3.31e+06	----------	----------	1

Calibration Curve : y = (-6936.372488) + (79541409.575268)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999401

4,4'-DDT
Component Type : Single Peak Component
Retention Time : 19.312 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

User Values
Label :
Value 1 : 0.040000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	61750.60	20270.47	----------	----------	1
B	0.0100	217628.90	65725.26	----------	----------	1
C	0.0500	1889517.30	554364.57	----------	----------	1
D	0.1000	4545999.90	1.36e+06	----------	----------	1
E	0.1500	7437090.80	2.32e+06	----------	----------	1

Calibration Curve : y = (-367220.773348) + (50755844.774345)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.995486

Endrin aldehyde
Component Type : Single Peak Component
Retention Time : 19.643 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	306641.00	78229.83	----------	----------	1
B	0.0100	589846.20	154306.82	----------	----------	1
C	0.0500	2604210.00	691486.47	----------	----------	1
D	0.1000	4274166.67	1.17e+06	----------	----------	1
E	0.1500	7887757.28	2.17e+06	----------	----------	1

Average Calibration Factor = 5.354475e+07 (%RSD = 13.53)

Endo. Sulfate
Component Type : Single Peak Component
Retention Time : 20.246 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	350997.80	92795.09	----------	----------	1
B	0.0100	669867.60	181967.13	----------	----------	1
C	0.0500	3170295.50	874513.92	----------	----------	1
D	0.1000	6442838.10	1.80e+06	----------	----------	1
E	0.1500	9617347.10	2.72e+06	----------	----------	1

Calibration Curve : y = (17858.933737) + (64006512.480366)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999949

Methoxychlor
Component Type : Single Peak Component
Retention Time : 20.769 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	51818.70	14961.65	----------	----------	1
B	0.0100	130361.06	37228.04	----------	----------	1
C	0.0500	939272.35	267519.49	----------	----------	1
D	0.1000	2097338.95	619848.54	----------	----------	1
E	0.1500	3383853.63	1.04e+06	----------	----------	1

Calibration Curve : y = (-122004.680138) + (22897358.999033)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997375

Endrin ketone
Component Type : Single Peak Component
Retention Time : 21.445 min
Search Window : 5.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

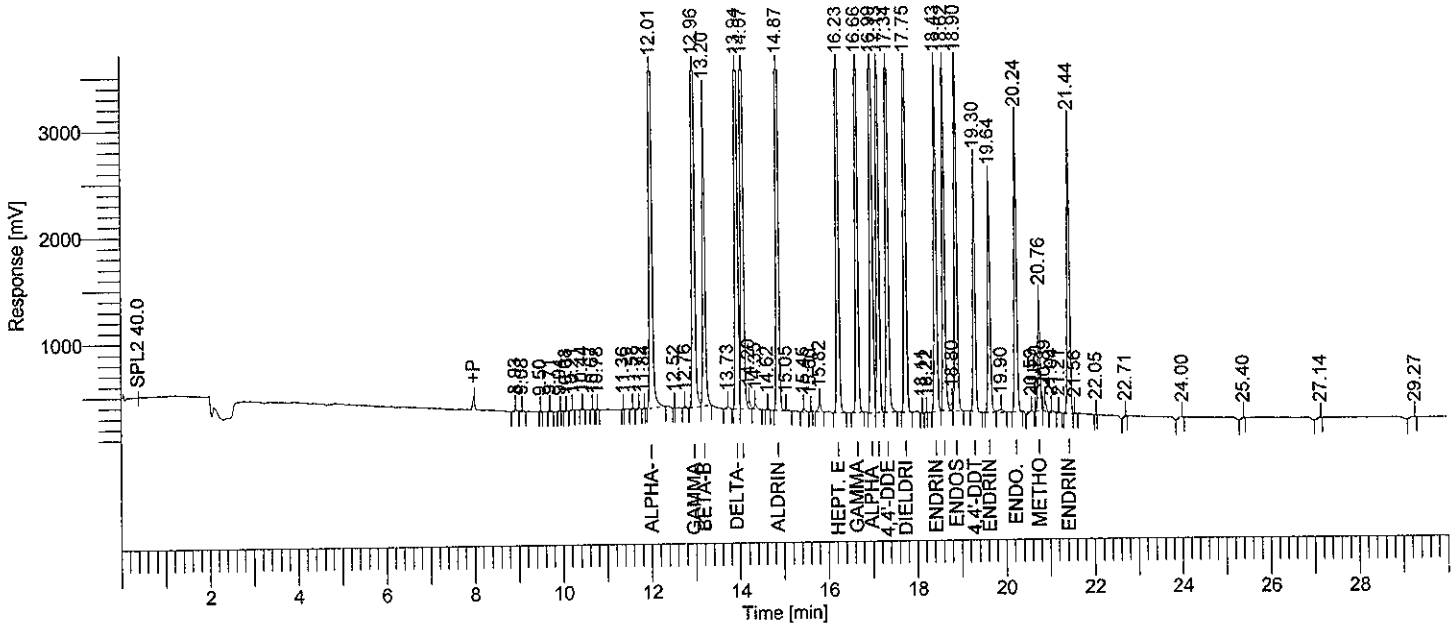
11/30/2008 13:26:52 Method: H:\TURBO6\6890-06\6B-(11-29-08).mth

Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	332567.40	80808.79	----------	----------	1
B	0.0100	668149.80	165555.87	----------	----------	1
C	0.0500	3275163.80	811061.03	----------	----------	1
D	0.1000	7262461.60	1.78e+06	----------	----------	1
E	0.1500	10496348.40	2.70e+06	----------	----------	1

Calibration Curve : y = (-64970.893979) + (70982684.031414)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998626

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:21:38
Reprocess Number	: buf2048: 83014		
Operator	: tchrom	Sample Name	: ICM25ZT
Sample Number	: .15	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/29
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 14:20:06	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6b29029.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29029.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29029.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29029.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08).mth from H:\TURBO6\6890-06\6b29029.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.93	114903		B	0.11490	21447.43
2	9.08	66478		V	0.06648	12106.70
3	9.50	9394		B	0.00939	4042.93
4	9.71	57893		B	0.05789	15485.57
5	9.94	11672		B	0.01167	2934.31
6	10.08	18617		B	0.01862	5116.10
7	10.21	34949		B	0.03495	7743.66
8	10.44	46011		B	0.04601	13761.94
9	10.67	21965		B	0.02197	7591.71
10	10.78	11904		B	0.01190	4792.56
12	11.58	46461		B	0.04646	11604.54
13	11.72	66728		B	0.06673	13061.56
14	11.84	31868		B	0.03187	8651.87
15	12.01	25967178	alpha-BHC	V	0.15000	7.92e+06
17	12.76	44781		B	0.04478	14179.61
18	12.96	23503104	gamma-BHC	B	0.15000	7.16e+06

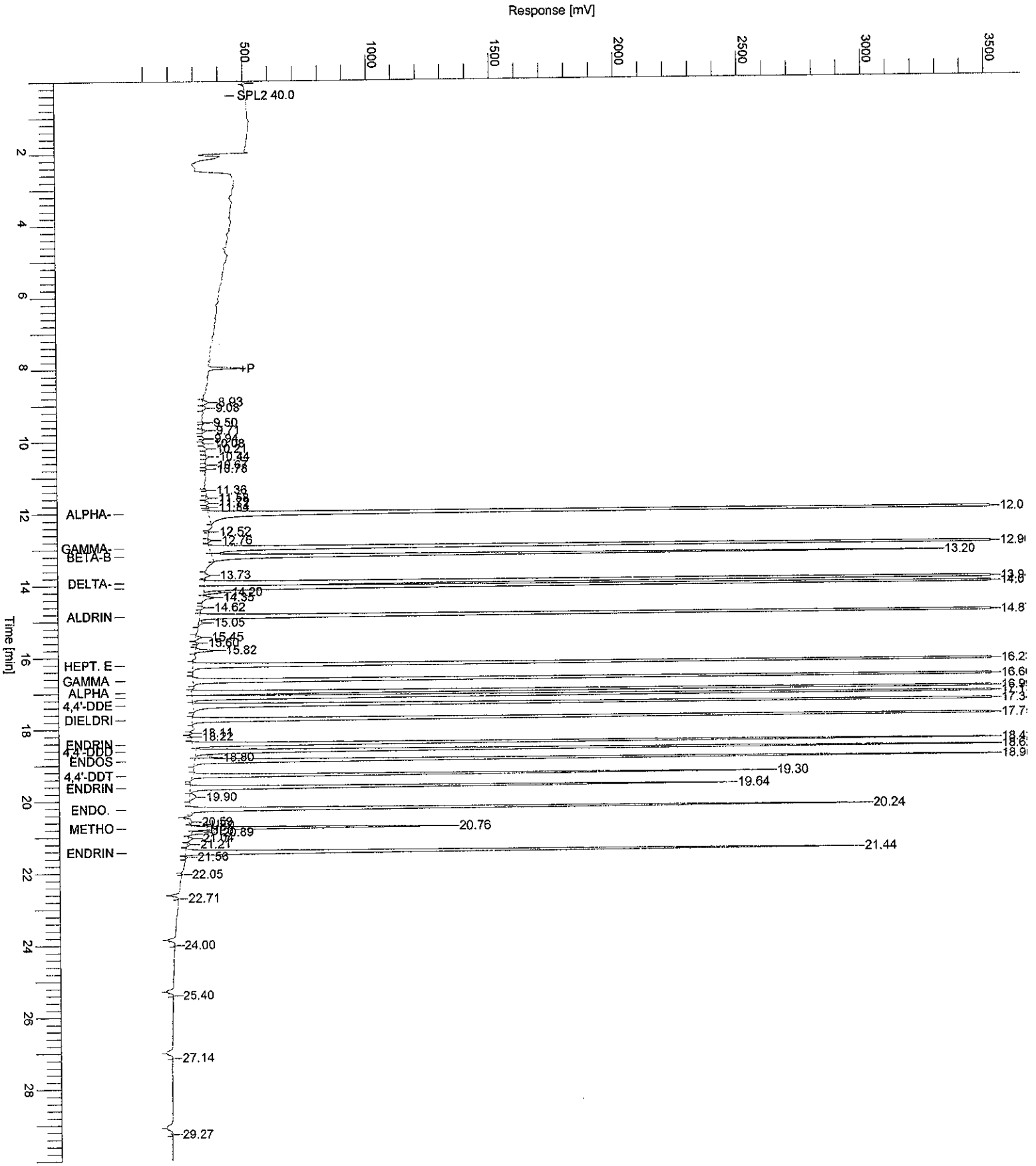
11/30/2008 13:21:38 Result: H:\TURBO6\6890-06\6b29029.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
19	13.20	10059986	beta-BHC	V	0.15000	2.92e+06
20	13.73	79840		B	0.07984	18908.39
21	13.94	24738875	delta-BHC	B	0.15000	7.28e+06
22	14.07	20566680	Heptachlor	V	0.15000	6.19e+06
23	14.20	265596		E	0.26560	67665.82
24	14.35	195376		B	0.19538	40868.75
25	14.62	33863		B	0.03386	11311.60
26	14.87	20754833	Aldrin	B	0.15000	6.29e+06
27	15.05	109898		E	0.10990	21668.88
28	15.45	117046		B	0.11705	25614.73
29	15.60	22265		B	0.02227	8369.51
30	15.82	306603		B	0.30660	82363.02
31	16.23	18679802	Hept. epoxide	B	0.15000	5.54e+06
32	16.66	18403130	gamma chlordane	B	0.15000	5.56e+06
33	16.99	16773684	alpha chlordane	B	0.15000	5.08e+06
34	17.13	16143837	Endosulfan I	V	0.15000	4.75e+06
35	17.34	16553762	4,4'-DDE	B	0.15000	5.03e+06
36	17.75	16942773	Dieldrin	B	0.15000	4.95e+06
37	18.11	34268		B	0.03427	11262.97
38	18.22	10983		B	0.01098	3714.77
39	18.43	11757452	Endrin	B	0.15000	3.36e+06
40	18.62	12007463	4,4'-DDD	B	0.15000	3.50e+06
41	18.80	301178		E	0.30118	72791.71
42	18.90	11896973	Endosulfan II	V	0.15000	3.31e+06
43	19.30	7437091	4,4'-DDT	B	0.15000	2.32e+06
44	19.64	7887757	Endrin aldehyde	B	0.15000	2.17e+06
45	19.90	207917		V	0.20792	25501.45
46	20.24	9617347	Endo. Sulfate	B	0.15000	2.72e+06
47	20.59	141113		B	0.14111	13321.90
48	20.76	3383854	Methoxychlor	M	0.15000	1.04e+06
49	20.89	286756		B	0.28676	83889.55
50	21.04	90051		B	0.09005	17968.27
51	21.21	47180		B	0.04718	12576.82
52	21.44	10496348	Endrin ketone	B	0.15000	2.70e+06
53	21.56	31200		B	0.03120	10492.76
55	22.71	57483		B	0.05748	7414.19
56	24.00	95090		B	0.09509	6121.35
57	25.40	48276		B	0.04828	5939.21
58	27.14	55331		B	0.05533	4508.71
59	29.27	71160		B	0.07116	4263.74
		3e+08			6.19210	9.05e+07

Chromatogram

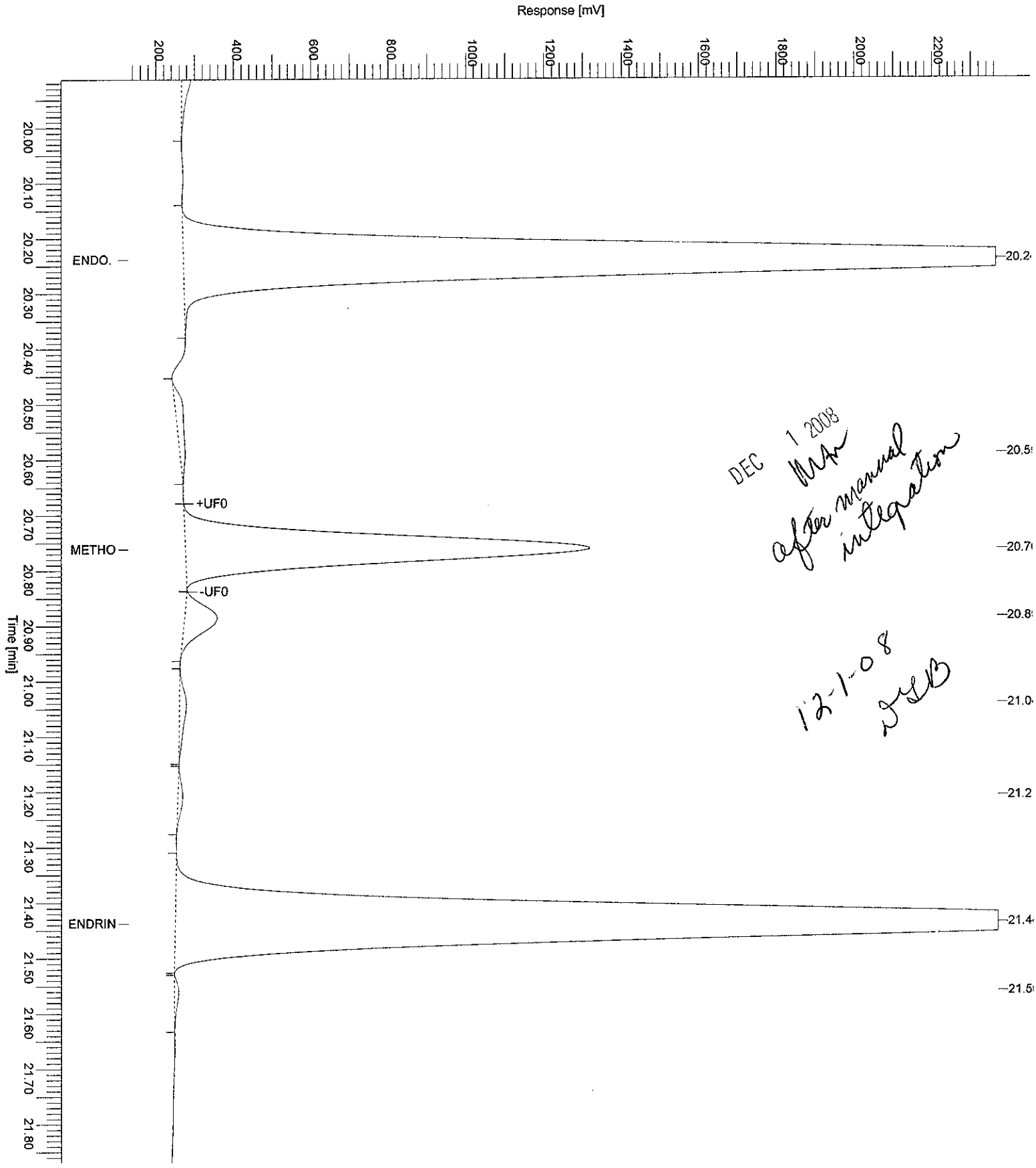
Sample Name : ICM25ZT
FileName : H:\TURBO6\6890-06\6b29029.raw
Date : 11/30/2008 13:21:40
Method : 6890-6 bside ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: .15
Page 1 of 1
Time of Injection: 11/29/2008 14:20:06
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3510.00 mV
Plot Scale: 3500.0 mV



Chromatogram

Sample Name : ICM25ZT Sample #: .15 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29029.raw
Date : 11/30/2008 13:19:40
Method : Time of Injection: 11/29/2008 14:20:06
Start Time : 19.91 min End Time : 21.87 min Low Point : 128.09 mV High Point : 2363.05 mV
Plot Offset: 128.09 mV Plot Scale: 2235.0 mV



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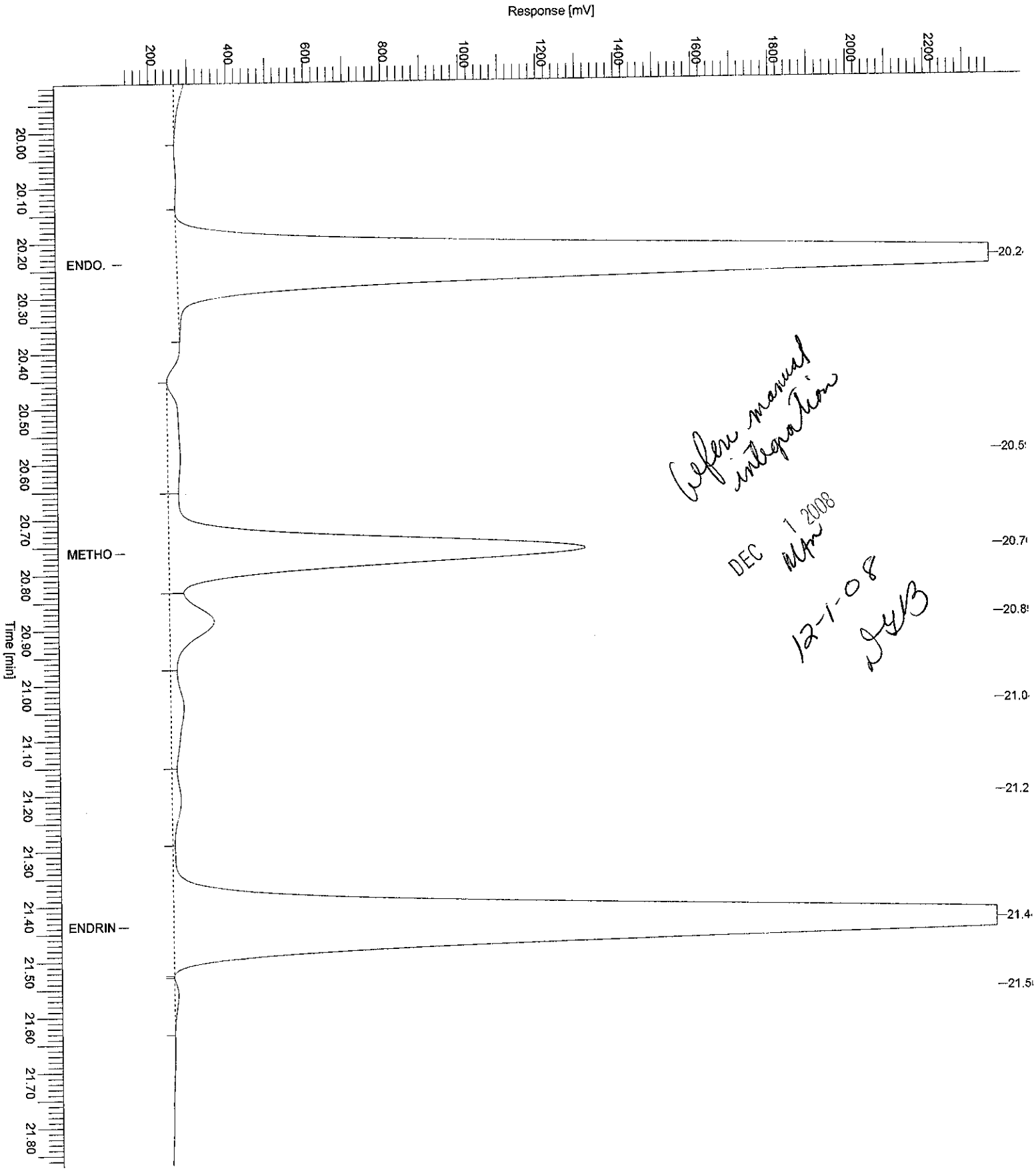
12-1-08
JSB

Chromatogram

Sample Name : ICM25ZT
Sample #: .15
Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29029.raw
Date : 11/30/2008 13:19:25
Method :
Time of Injection: 11/29/2008 14:20:06
Start Time : 19.91 min
End Time : 21.87 min
Low Point : 128.09 mV
High Point : 2363.05 mV
Plot Offset: 128.09 mV
Plot Scale: 2235.0 mV



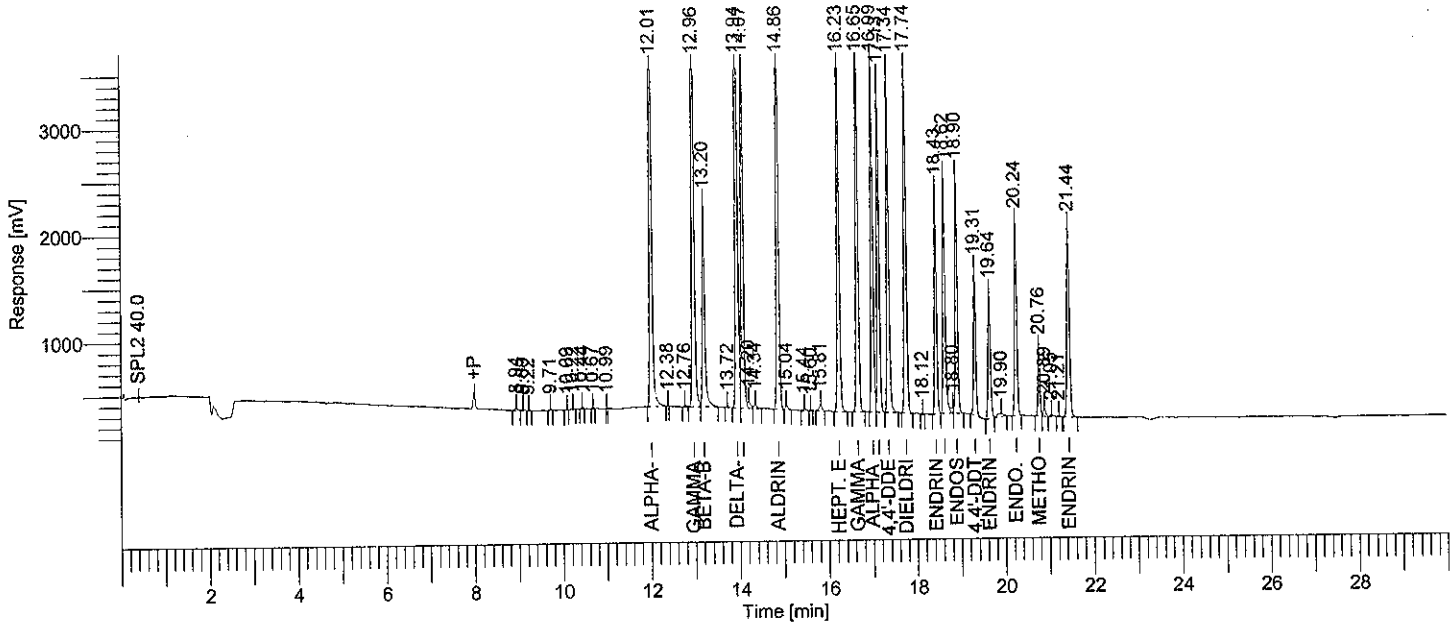
(after manual integration

DEC 1 2008

12-1-08

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:34
Reprocess Number	: buf2048: 83007		
Operator	: tchrom	Sample Name	: ICM25ZQ
Sample Number	: .10	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/30
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 14:56:24	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6b29030.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29030.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29030.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29030.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08).mth from H:\TURBO6\6890-06\6b29030.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.94	92167		B	0.09217	17645.52
2	9.09	53544		V	0.05354	11917.30
3	9.22	16296		B	0.01630	4937.76
4	9.71	23767		B	0.02377	8283.73
5	10.09	13820		B	0.01382	2932.69
6	10.22	35587		V	0.03559	7792.53
7	10.44	35157		B	0.03516	10816.09
8	10.67	12815		B	0.01281	4768.21
10	12.01	17329463	alpha-BHC	B	0.10000	5.15e+06
12	12.76	62107		B	0.06211	16471.23
13	12.96	15830586	gamma-BHC	V	0.10000	4.67e+06
14	13.20	7172717	beta-BHC	V	0.10000	1.90e+06
15	13.72	49330		B	0.04933	12353.73
16	13.94	16129420	delta-BHC	B	0.10000	4.62e+06
17	14.07	13803254	Heptachlor	V	0.10000	4.12e+06
18	14.20	288418		E	0.28842	54684.27

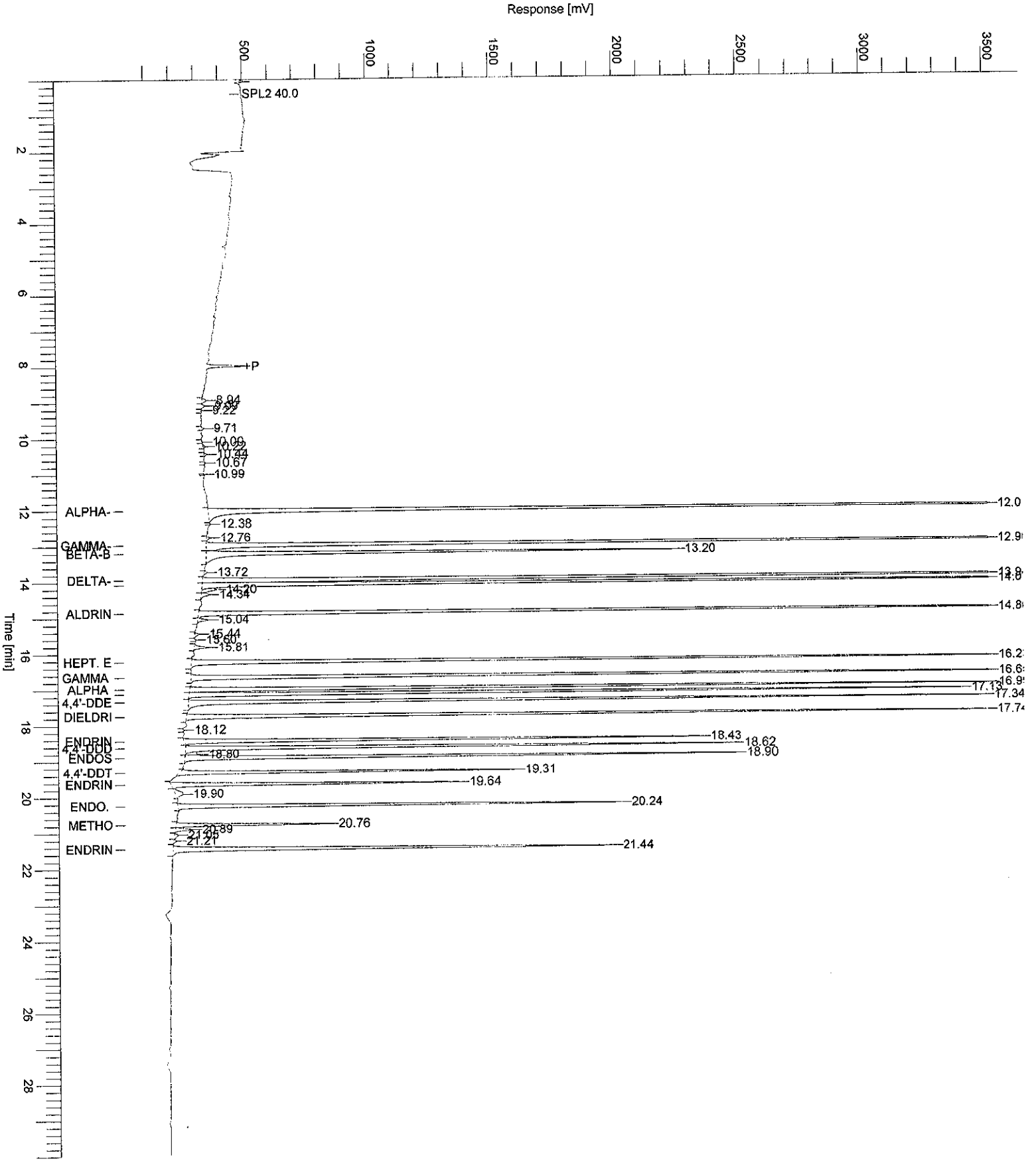
11/30/2008 13:14:34 Result: H:\TURBO6\6890-06\6b29030.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
19	14.34	174184		V	0.17418	33544.82
20	14.86	14106287	Aldrin	B	0.10000	4.24e+06
21	15.04	165084		V	0.16508	44712.03
22	15.44	82469		B	0.08247	18525.68
23	15.60	12546		B	0.01255	4836.41
24	15.81	213846		B	0.21385	56931.32
25	16.23	12482277	Hept. epoxide	B	0.10000	3.65e+06
26	16.65	12198948	gamma chlordane	B	0.10000	3.63e+06
27	16.99	11103106	alpha chlordane	B	0.10000	3.34e+06
28	17.13	10787067	Endosulfan I	V	0.10000	3.13e+06
29	17.34	10901129	4,4'-DDE	B	0.10000	3.22e+06
30	17.74	11224461	Dieldrin	B	0.10000	3.25e+06
31	18.12	15191		B	0.01519	5224.76
32	18.43	7399831	Endrin	B	0.10000	2.09e+06
33	18.62	7965123	4,4'-DDD	B	0.10000	2.22e+06
34	18.80	220348		E	0.22035	53894.53
35	18.90	8077162	Endosulfan II	V	0.10000	2.23e+06
36	19.31	4546000	4,4'-DDT	B	0.10000	1.36e+06
37	19.64	4274167	Endrin aldehyde	B	0.10000	1.17e+06
38	19.90	300574		V	0.30057	30644.84
39	20.24	6442838	Endo. Sulfate	B	0.10000	1.80e+06
40	20.76	2097339	Methoxychlor	B	0.10000	619848.54
41	20.89	259915		V	0.25991	67391.22
42	21.05	85461		B	0.08546	15188.49
43	21.21	46052		V	0.04605	11143.37
44	21.44	7262462	Endrin ketone	B	0.10000	1.78e+06
		2e+08			4.25868	5.87e+07

Chromatogram

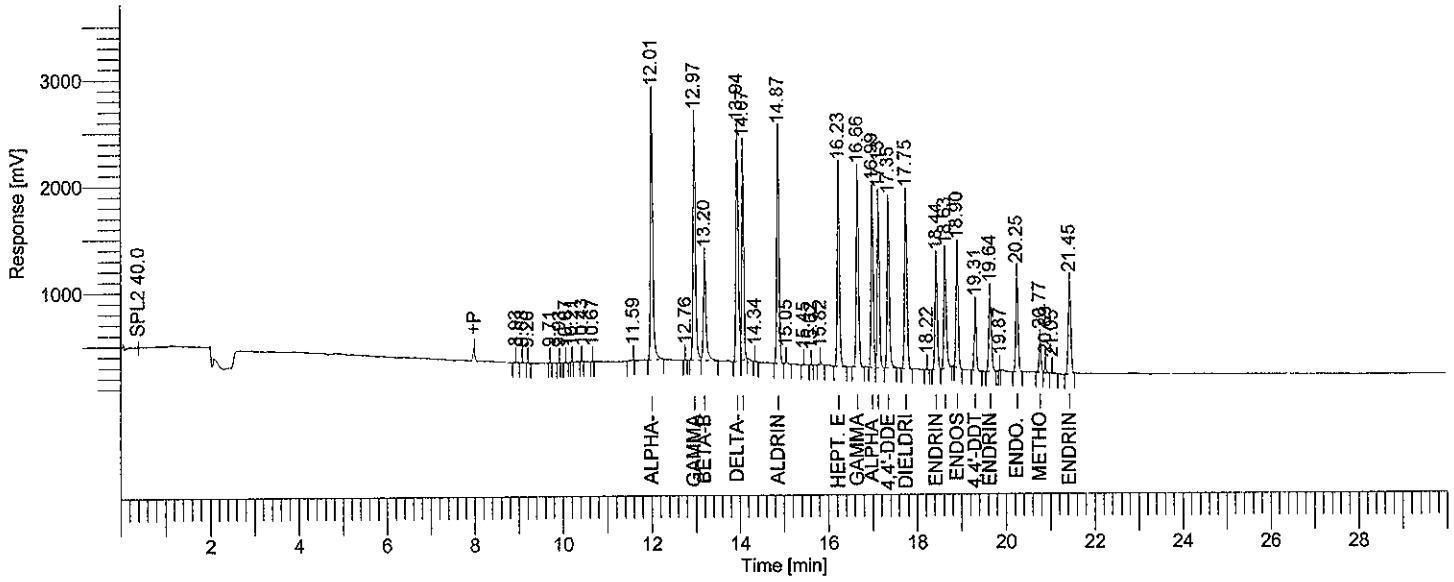
Sample Name : ICM25ZQ
FileName : H:\TURBO6\6890-06\6b29030.raw
Date : 11/30/2008 13:14:36
Method : 6890-6 bside ins
Start Time : 0.00 min
Plot Offset: 10.00 mV

Sample #: .10
Page 1 of 1
Time of Injection: 11/29/2008 14:56:24
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3510.00 mV
Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:43
Reprocess Number	: buf2048: 83009		
Operator	: tchrom	Sample Name	: ICM25ZU
Sample Number	: .05	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/31
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 15:32:57	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6b29031.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29031.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29031.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29031.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08).mth from H:\TURBO6\6890-06\6b29031.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.93	56476		B	0.05648	10861.17
2	9.08	36192		V	0.03619	7688.31
3	9.20	17252		B	0.01725	4970.95
4	9.71	14129		B	0.01413	5821.97
5	9.93	9143		B	0.00914	2718.27
6	10.07	9773		B	0.00977	2581.69
8	10.43	15751		B	0.01575	5873.87
9	10.67	6586		B	0.00659	3166.01
10	11.59	7271		B	0.00727	1156.92
11	12.01	8538646	alpha-BHC	B	0.05000	2.42e+06
12	12.76	21563		B	0.02156	8157.62
13	12.97	7827123	gamma-BHC	B	0.05000	2.21e+06
14	13.20	3808792	beta-BHC	V	0.05000	915056.89
15	13.94	7759491	delta-BHC	B	0.05000	2.11e+06
16	14.07	6635193	Heptachlor	V	0.05000	1.94e+06
17	14.34	30246		B	0.03025	9838.74

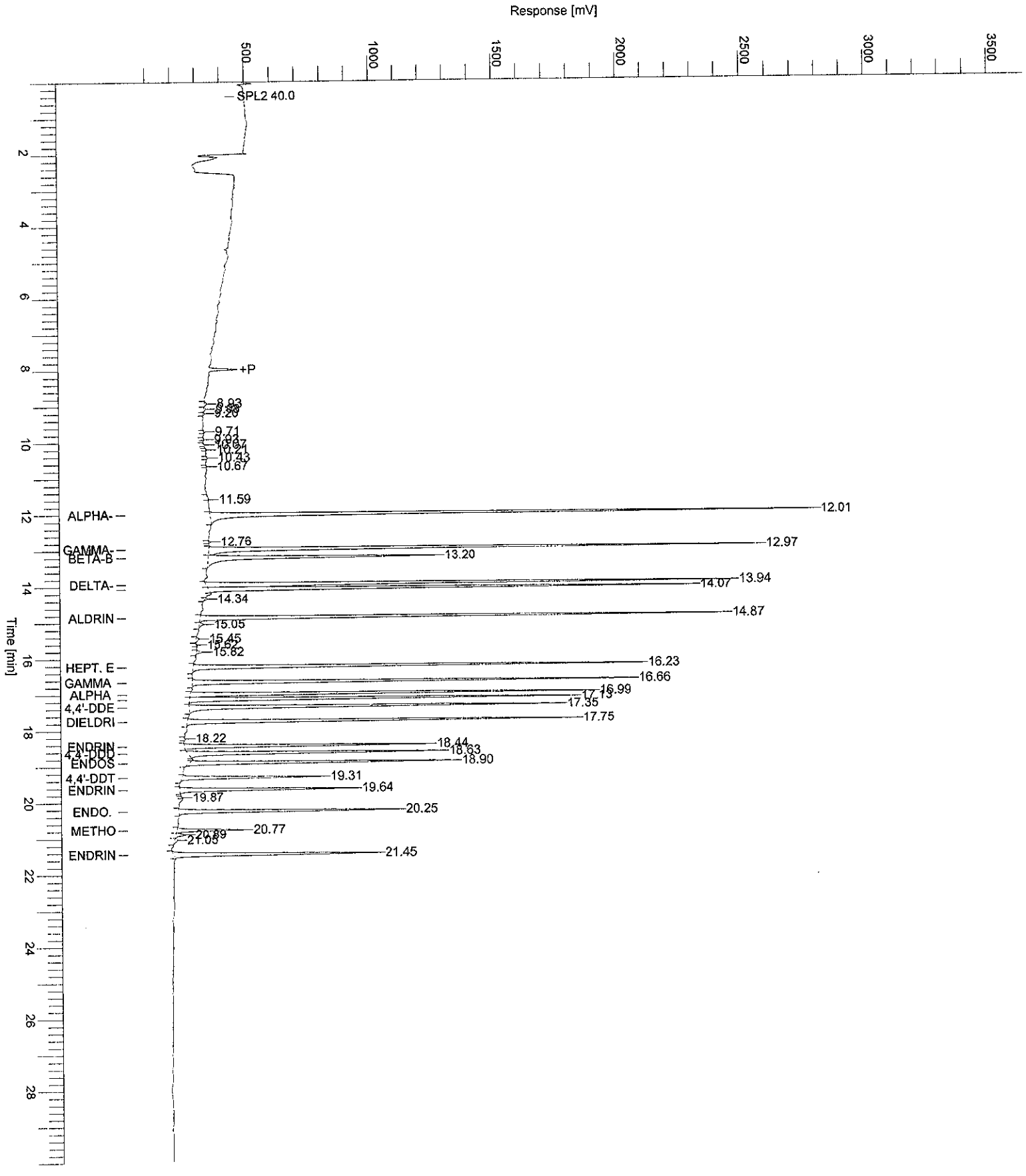
11/30/2008 13:14:43 Result: H:\TURBO6\6890-06\6b29031.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
18	14.87	7145920	Aldrin	B	0.05000	2.11e+06
19	15.05	81915		V	0.08192	19112.10
20	15.45	64436		B	0.06444	11761.99
21	15.62	9613		B	0.00961	2919.84
22	15.82	86919		B	0.08692	25691.68
23	16.23	6295366	Hept. epoxide	B	0.05000	1.79e+06
24	16.66	6050205	gamma chlordane	B	0.05000	1.76e+06
25	16.99	5507583	alpha chlordane	B	0.05000	1.61e+06
26	17.13	5378286	Endosulfan I	V	0.05000	1.54e+06
27	17.35	5301941	4,4'-DDE	B	0.05000	1.48e+06
28	17.75	5507240	Dieldrin	B	0.05000	1.56e+06
29	18.22	17400		B	0.01740	4977.66
30	18.44	3540818	Endrin	B	0.05000	977351.40
31	18.63	3769571	4,4'-DDD	B	0.05000	1.01e+06
32	18.90	3779319	Endosulfan II	B	0.05000	1.06e+06
33	19.31	1889517	4,4'-DDT	B	0.05000	554364.57
34	19.64	2604210	Endrin aldehyde	B	0.05000	691486.47
36	20.25	3170295	Endo. Sulfate	B	0.05000	874513.92
37	20.77	939272	Methoxychlor	B	0.05000	267519.49
38	20.89	171419		V	0.17142	40008.75
39	21.05	71965		V	0.07197	11994.02
40	21.45	3275164	Endrin ketone	B	0.05000	811061.03
		99452004			1.72805	2.79e+07

Chromatogram

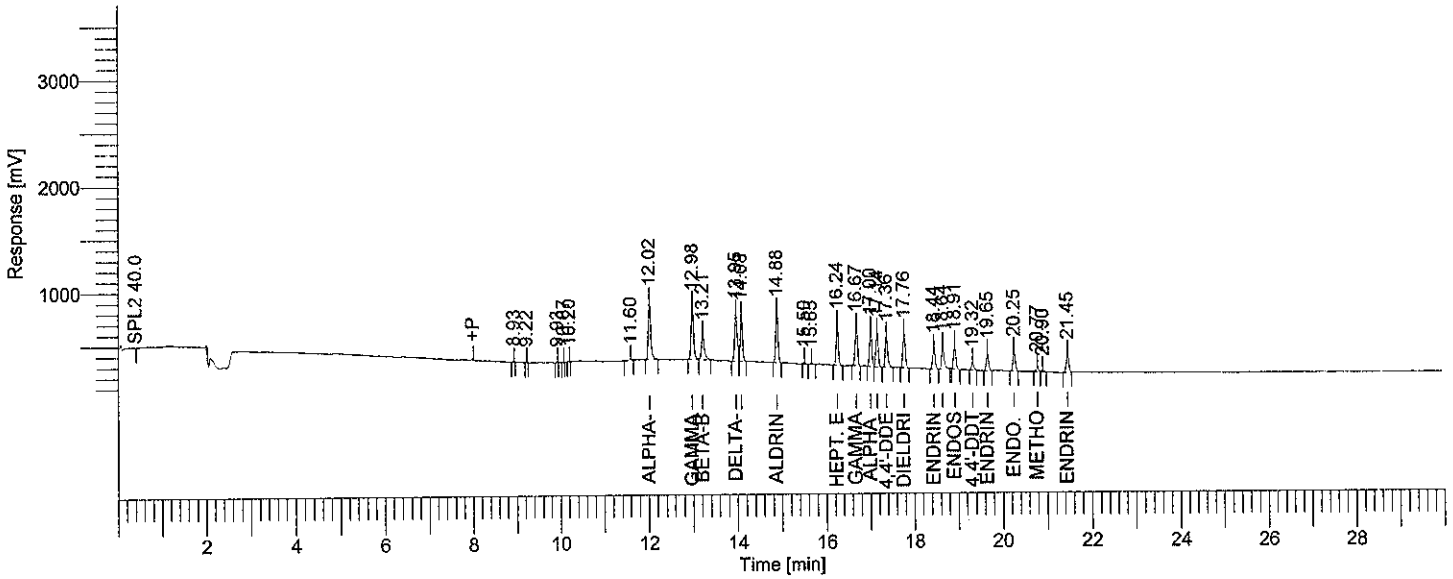
Sample Name : ICM25ZU
FileName : H:\TURBO6\6890-06\6b29031.raw
Date : 11/30/2008 13:14:44
Method : 6890-6 bside ins
Start Time : 0.00 min End Time : 30.00 min
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV

Sample #: .05 Page 1 of 1
Time of Injection: 11/29/2008 15:32:57
Low Point : 10.00 mV High Point : 3510.00 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:51
Reprocess Number	: buf2048: 83011		
Operator	: tchrom	Sample Name	: ICM25ZQ DF10
Sample Number	: 0.01	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/32
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 16:09:22	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6b29032.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29032.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29032.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29032.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08).mth from H:\TURBO6\6890-06\6b29032.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

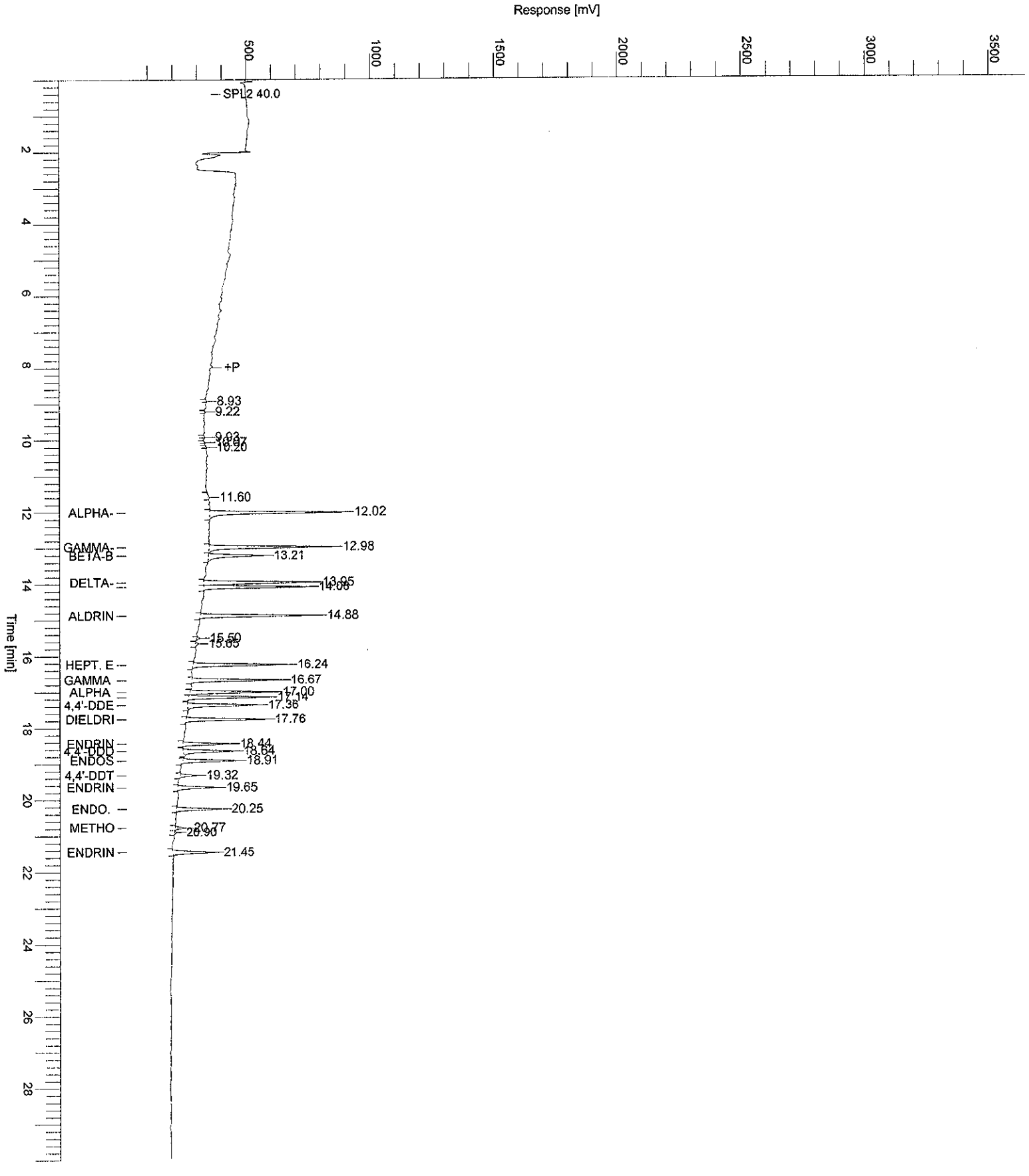
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.93	6874		B	0.00687	1618.62
2	9.22	7556		B	0.00756	2563.13
3	9.93	6129		B	0.00613	1906.67
5	10.20	6667		B	0.00667	1942.97
6	11.60	36527		B	0.03653	6002.87
7	12.02	2099658	alpha-BHC	B	0.01000	542990.32
8	12.98	1941066	gamma-BHC	B	0.01000	499607.61
9	13.21	976856	beta-BHC	V	0.01000	225301.13
10	13.95	1834142	delta-BHC	B	0.01000	439229.71
11	14.08	1585188	Heptachlor	V	0.01000	424001.39
12	14.88	1718977	Aldrin	B	0.01000	472604.29
13	15.50	42269		B	0.04227	11722.93
14	15.65	53293		B	0.05329	12338.04
15	16.24	1441856	Hept. epoxide	B	0.01000	381582.92
16	16.67	1315503	gamma chlordane	B	0.01000	359136.69
17	17.00	1208625	alpha chlordane	B	0.01000	334724.58

11/30/2008 13:14:51 Result: H:\TURBO6\6890-06\6b29032.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
18	17.14	1195228	Endosulfan I	V	0.01000	320154.62
19	17.36	1147235	4,4'-DDE	B	0.01000	285237.98
20	17.76	1194139	Dieldrin	B	0.01000	319586.28
21	18.44	718276	Endrin	B	0.01000	190708.96
22	18.64	852470	4,4'-DDD	B	0.01000	202454.07
23	18.91	828397	Endosulfan II	B	0.01000	219247.61
24	19.32	217629	4,4'-DDT	B	0.01000	65725.26
25	19.65	589846	Endrin aldehyde	B	0.01000	154306.82
26	20.25	669868	Endo. Sulfate	B	0.01000	181967.13
27	20.77	130361	Methoxychlor	B	0.01000	37228.04
28	20.90	29076		V	0.02908	7658.72
29	21.45	668150	Endrin ketone	B	0.01000	165555.87
		22521860			0.38839	5.87e+06

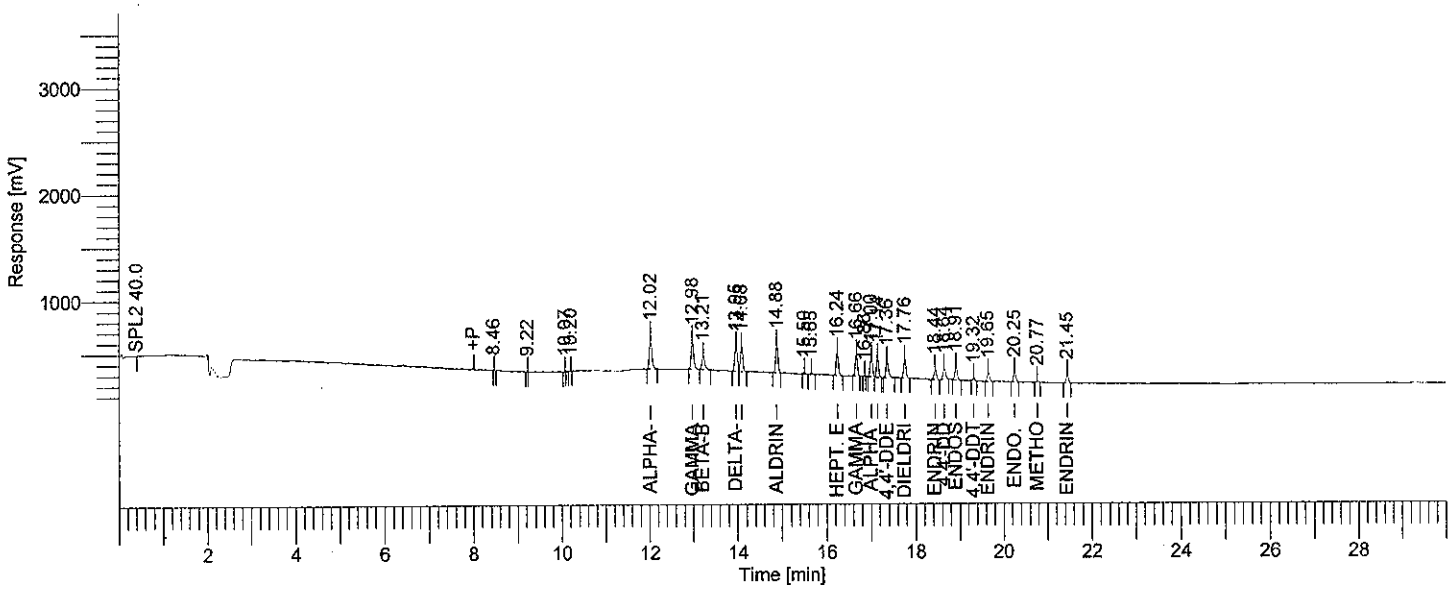
Chromatogram

Sample Name : ICM25ZQ DF10 Sample #: 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29032.raw
Date : 11/30/2008 13:14:52
Method : 6890-6 bside ins Time of Injection: 11/29/2008 16:09:22
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:14:59
Reprocess Number	: buf2048: 83013		
Operator	: tchrom	Sample Name	: ICM25ZU DF10
Sample Number	: 0.005	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/33
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 16:45:50	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6b29033.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29033.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29033.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29033.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08).mth from H:\TURBO6\6890-06\6b29033.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

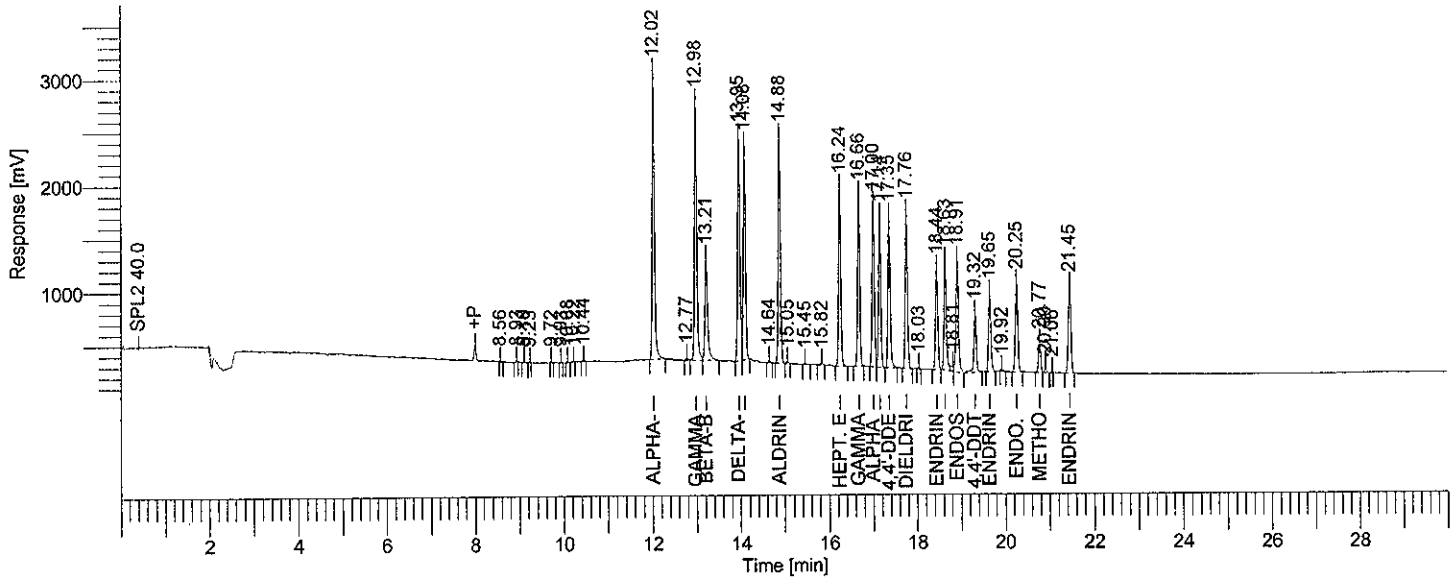
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
4	10.20	7529		B	0.00753	2179.14
5	12.02	1198535	alpha-BHC	B	0.00500	308727.18
6	12.98	1079292	gamma-BHC	B	0.00500	273114.16
7	13.21	542219	beta-BHC	B	0.00500	123259.65
8	13.95	1026493	delta-BHC	B	0.00500	234159.11
9	14.08	891627	Heptachlor	V	0.00500	230879.35
10	14.88	981542	Aldrin	B	0.00500	266019.56
11	15.50	39720		B	0.03972	11331.84
12	15.65	48757		B	0.04876	12304.28
13	16.24	811418	Hept. epoxide	B	0.00500	212789.30
14	16.66	731283	gamma chlordane	B	0.00500	199033.97
16	17.00	668254	alpha chlordane	B	0.00500	186815.34
17	17.14	667786	Endosulfan I	V	0.00500	180863.59
18	17.36	632790	4,4'-DDE	B	0.00500	153471.36
19	17.76	657345	Dieldrin	B	0.00500	175320.90
20	18.44	368059	Endrin	B	0.00500	97064.82

11/30/2008 13:14:59 Result: H:\TURBO6\6890-06\6b29033.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
21	18.64	413459	4,4'-DDD	B	0.00500	100034.04
22	18.91	439012	Endosulfan II	B	0.00500	117547.28
23	19.32	61751	4,4'-DDT	B	0.00500	20270.47
24	19.65	306641	Endrin aldehyde	B	0.00500	78229.83
25	20.25	350998	Endo. Sulfate	B	0.00500	92795.09
26	20.77	51819	Methoxychlor	B	0.00500	14961.65
27	21.45	332567	Endrin ketone	B	0.00500	80808.79
		12308897			0.19601	3.17e+06

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:31:52
Reprocess Number	: buf2048: 83016		
Operator	: tchrom	Sample Name	: ICM25YE
Sample Number	: 0.05	Study	: 2ND SOURCE
AutoSampler	: BUILT-IN	Rack/Vial	: 1/34
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 17:22:11	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6b29034.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29034.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29034.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29034.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08).mth from H:\TURBO6\6890-06\6b29034.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window -	Relative
12.02	BB	9440823	alpha-BHC	0.05371	2.69e+06	7.4	11.97 -	12.07
12.98	VV	8554217	gamma-BHC	0.05342	2.41e+06	6.8	12.93 -	13.03
13.21	VB	3899038	beta-BHC	0.05371	945872.76	7.4	13.16 -	13.26
13.95	BV	7727438	delta-BHC	0.04724	2.09e+06	-5.5	13.90 -	14.00
14.08	VB	6836595	Heptachlor	0.04932	2.00e+06	-1.4	14.03 -	14.13
14.88	BV	7103025	Aldrin	0.04954	2.11e+06	-0.9	14.83 -	14.93
16.24	BB	5867017	Hept. epoxide	0.04615	1.66e+06	-7.7	16.19 -	16.29
16.66	BB	5494637	gamma chlordane	0.04457	1.60e+06	-10.9	16.61 -	16.71
17.00	BV	5140576	alpha chlordane	0.04577	1.51e+06	-8.5	16.95 -	17.05
17.14	VB	4931461	Endosulfan I	0.04518	1.40e+06	-9.6	17.09 -	17.19
17.35	BB	4959811	4,4'-DDE	0.04526	1.41e+06	-9.5	17.30 -	17.40
17.76	BB	5117039	Dieldrin	0.04530	1.44e+06	-9.4	17.71 -	17.81
18.44	BB	3371251	Endrin	0.04523	934473.95	-9.5	18.39 -	18.49
18.63	BE	3872086	4,4'-DDD	0.04887	1.02e+06	-2.3	18.58 -	18.68
18.91	VB	4028660	Endosulfan II	0.05074	1.04e+06	1.5	18.86 -	18.96
19.32	BB	2070939	4,4'-DDT	0.04804	535832.40	-3.9	19.27 -	19.37

11/30/2008 13:31:52 Result: H:\TURBO6\6890-06\6b29034.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
19.65	BB	2713919	Endrin aldehyde	0.05069	722615.06	1.4	19.60 -	19.70
20.25	BB	2984288	Endo. Sulfate	0.04635	820670.67	-7.3	20.20 -	20.30
20.77	BV	907331	Methoxychlor	0.04495	265951.09	-10.1	20.72 -	20.82
21.45	BB	3267008	Endrin ketone	0.04694	805010.18	-6.1	21.40 -	21.50
		98287157		0.96095	2.74e+07			

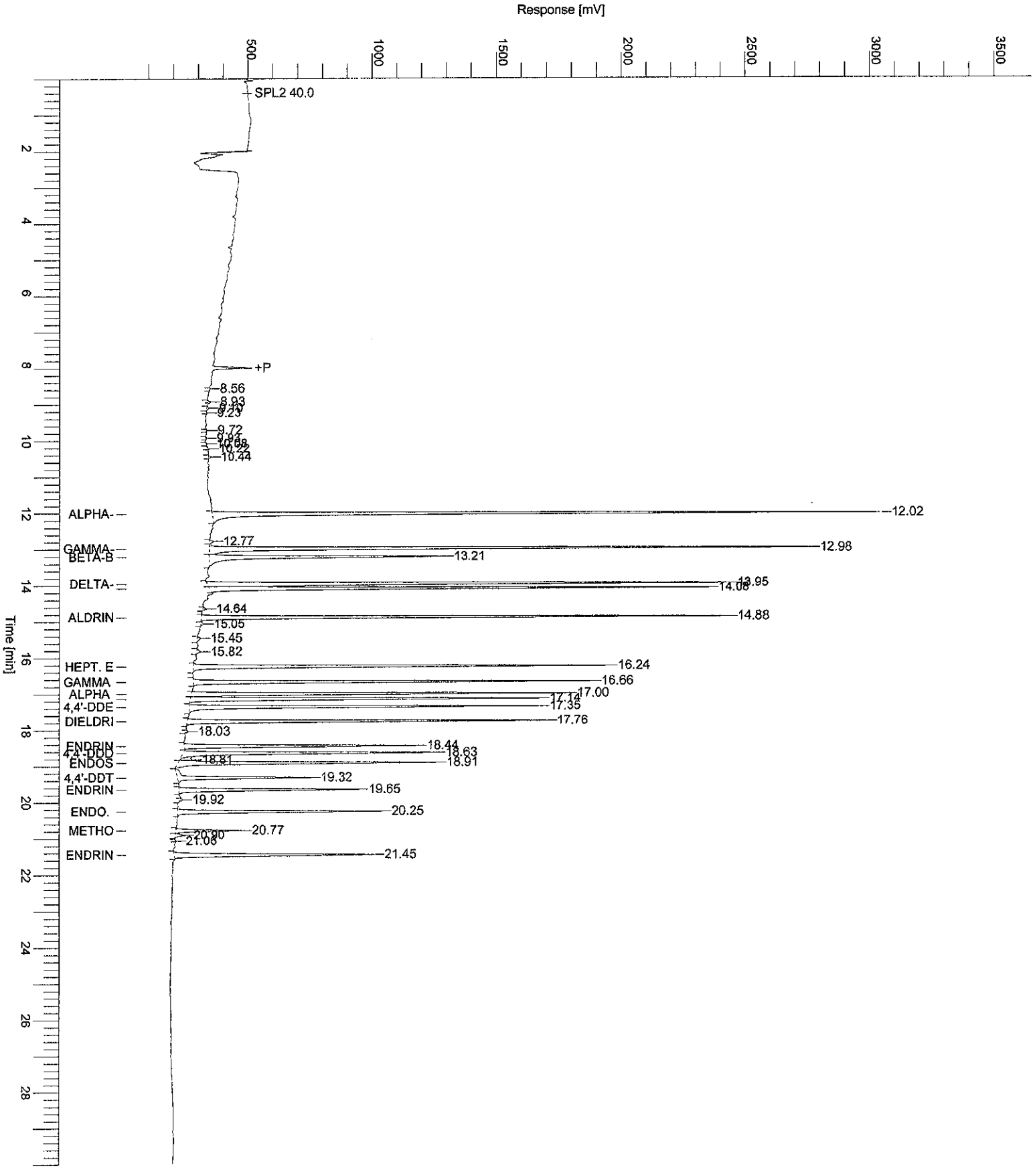
Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

Chromatogram

Sample Name : ICM25YE Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29034.raw
Date : 11/30/2008 13:31:54
Method : 6890-6 bside ins Time of Injection: 11/29/2008 17:22:11
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



TotalChrom Method File H:\TURBO6\6890-06\6a-SURR-(11-29-08).mth
Printed by : NearyM on: 11/30/2008 13:53:26
Created by : NearyM on: 11/30/2008 13:45:05
Edited by : NearyM on: 11/30/2008 13:53:21
Number of Times Edited : 2
Number of Times Calibrated : 2571
Description: PEST CURVE 11-14-08

Processed by: NM 12/1/08
Reviewed by: 12-DWB 12/1/08

Global Sample Information

Default Sample Volume : 1.000 ul
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information

Tetrachloro-m-xylene
Component Type : Single Peak Component
Retention Time : 8.512 min
Search Window : 7.00 s, 0.50 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	585635.20	189300.06	----------	----------	1
B	0.0100	1130107.40	365629.50	----------	----------	1
C	0.0500	5011086.80	1.69e+06	----------	----------	1
D	0.0750	7456463.00	2.54e+06	----------	----------	1
E	0.1000	9551125.20	3.29e+06	----------	----------	1

Calibration Curve : y = (183112.059435) + (95078572.095097)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999168

Decachlorobiphenyl
Component Type : Single Peak Component
Retention Time : 21.201 min
Search Window : 7.00 s, 0.50 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:53:26 Method: H:\TURBO6\6890-06\6a-SURR-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

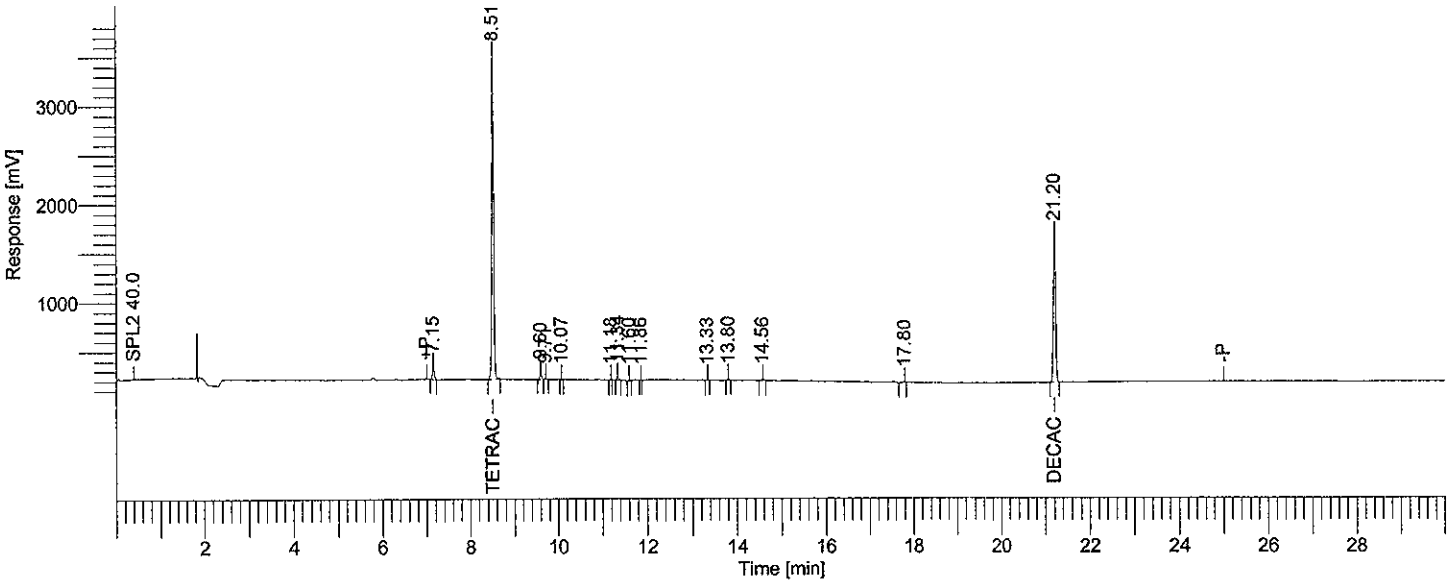
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	323523.60	92446.10	----------	----------	1
B	0.0100	623806.00	177765.82	----------	----------	1
C	0.0500	2862887.60	809789.55	----------	----------	1
D	0.0750	4015886.30	1.13e+06	----------	----------	1
E	0.1000	5202104.60	1.49e+06	----------	----------	1

Calibration Curve : y = (130410.701486) + (51567310.802377)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997993

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:50:55
Reprocess Number	: buf2048: 83021		
Operator	: tchrom	Sample Name	: ICM3QH
Sample Number	: 0.15	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/24
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 11:17:51	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6a29024.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29024.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29024.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29024.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth from H:\TURBO6\6890-06\6a29024.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

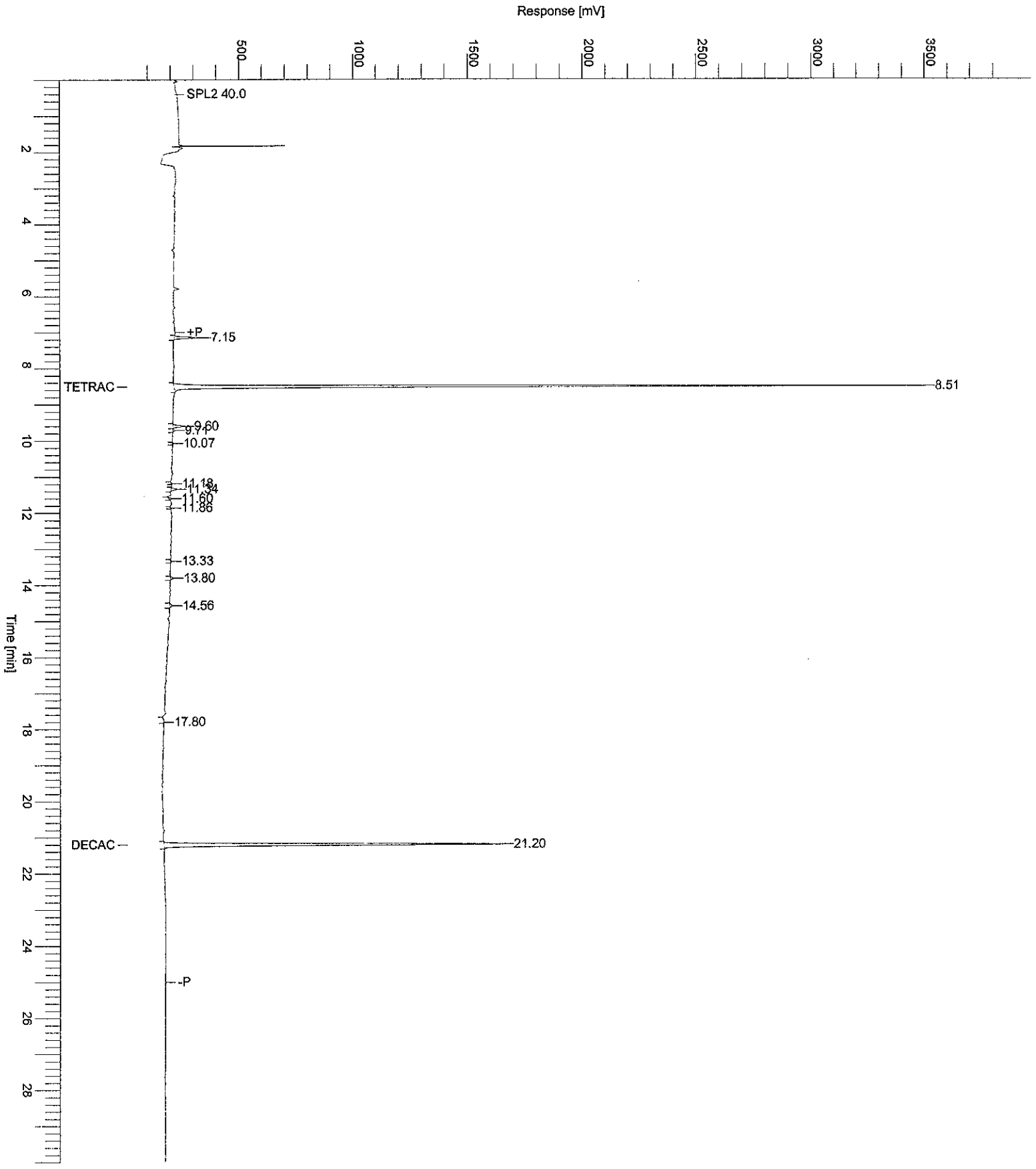


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.15	317709		B	0.31771	118273.88
2	8.51	9551125	Tetrachloro-m-xylene	B	0.10000	3.29e+06
3	9.60	156980		B	0.15698	51024.77
4	9.71	30174		V	0.03017	10017.22
5	10.07	8490		B	0.00849	3717.91
6	11.18	8586		B	0.00859	2554.98
7	11.34	80489		B	0.08049	25263.48
8	11.60	34792		B	0.03479	11860.13
10	13.33	15003		B	0.01500	5192.34
11	13.80	44453		B	0.04445	14867.37
12	14.56	50227		B	0.05023	12437.82
13	17.80	24713		B	0.02471	1681.03
14	21.20	5202105	Decachlorobiphenyl	B	0.10000	1.49e+06
		15524845			0.97162	5.03e+06

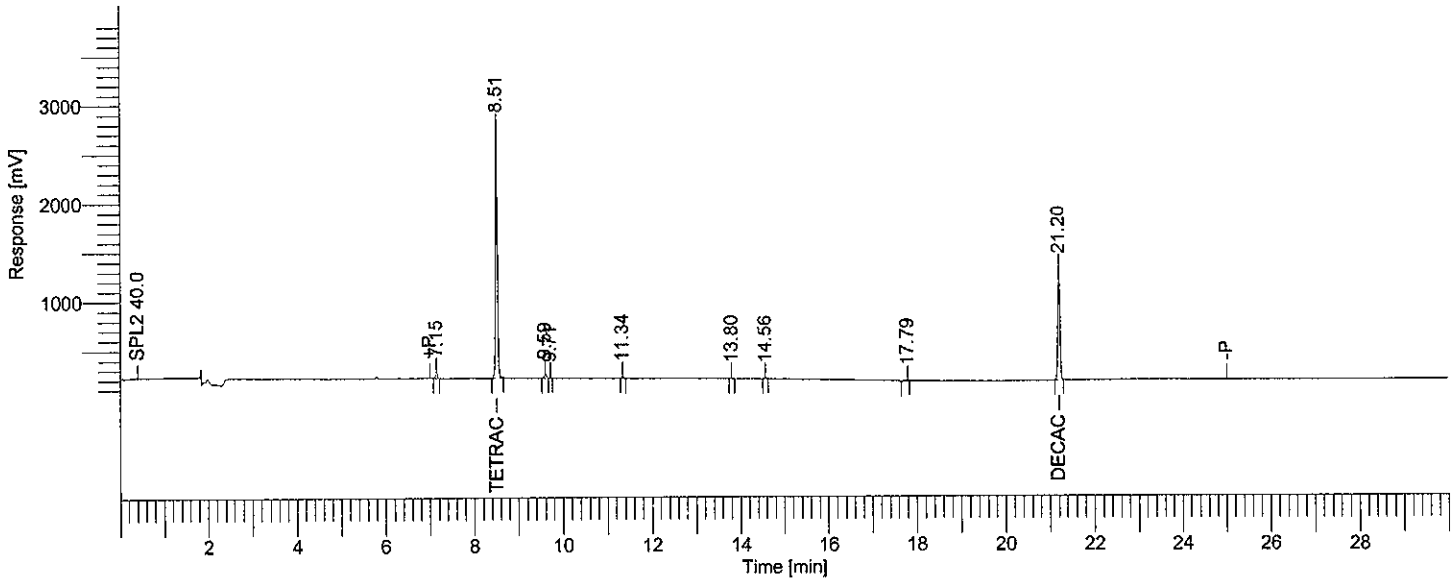
Chromatogram

Sample Name : ICM3QH Sample #: 0.15 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29024.raw
Date : 11/30/2008 13:50:57
Method : 6890-6 bside ins Time of Injection: 11/29/2008 11:17:51
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:03
Reprocess Number	: buf2048: 83023		
Operator	: tchrom	Sample Name	: ICM3QI
Sample Number	: 0.10	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/25
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 11:54:21	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6a29025.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29025.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29025.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29025.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth from H:\TURBO6\6890-06\6a29025.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

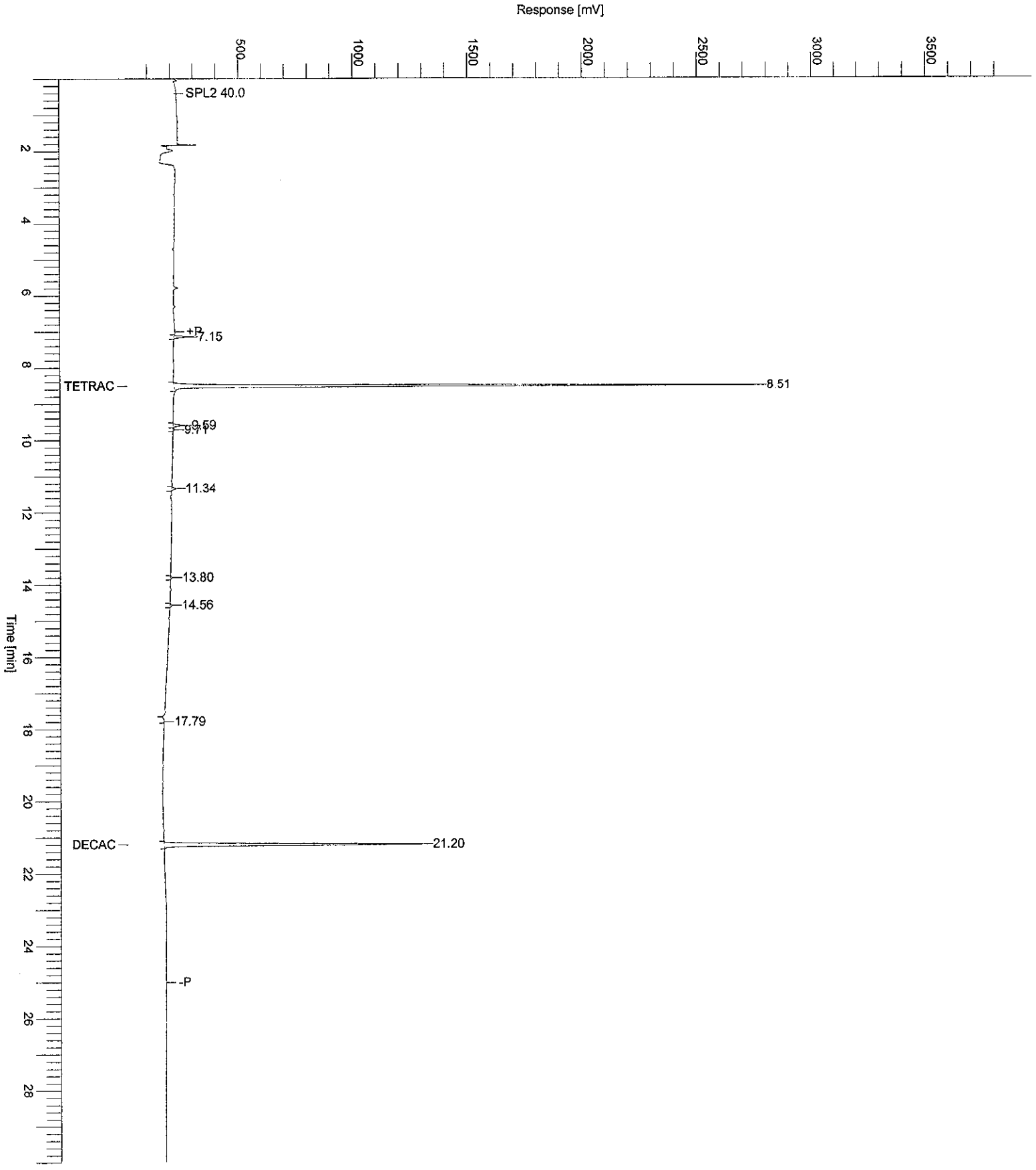


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.15	167613		B	0.16761	62130.34
2	8.51	7456463	Tetrachloro-m-xylene	B	0.07500	2.54e+06
3	9.59	121196		B	0.12120	39384.65
4	9.71	20847		V	0.02085	7166.09
5	11.34	57909		B	0.05791	18445.03
6	13.80	25390		B	0.02539	8250.41
7	14.56	30075		B	0.03007	9304.26
8	17.79	27232		B	0.02723	1895.29
9	21.20	4015886	Decachlorobiphenyl	B	0.07500	1.13e+06
		11922611			0.60026	3.82e+06

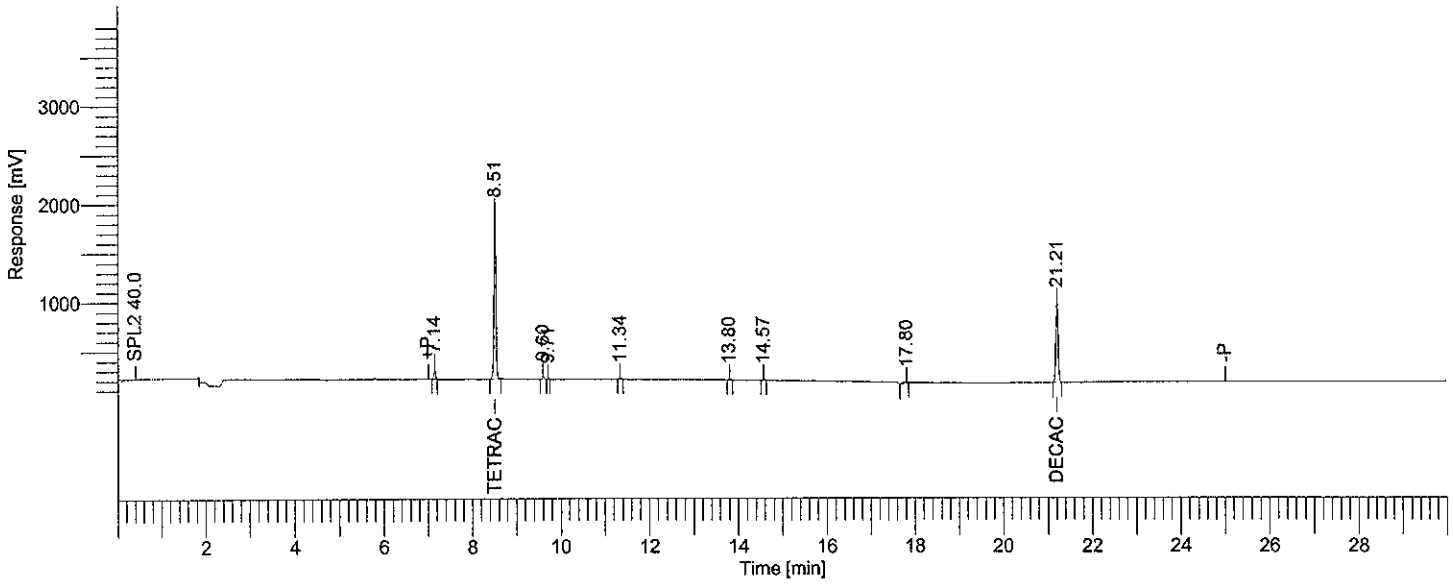
Chromatogram

Sample Name : ICM3QI Sample #: 0.10 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29025.raw
Date : 11/30/2008 13:51:04
Method : 6890-6 bside ins Time of Injection: 11/29/2008 11:54:21
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:11
Reprocess Number	: buf2048: 83025		
Operator	: tchrom	Sample Name	: ICM3QM
Sample Number	: 0.05	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/26
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 12:30:44	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6a29026.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29026.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29026.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29026.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth from H:\TURBO6\6890-06\6a29026.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

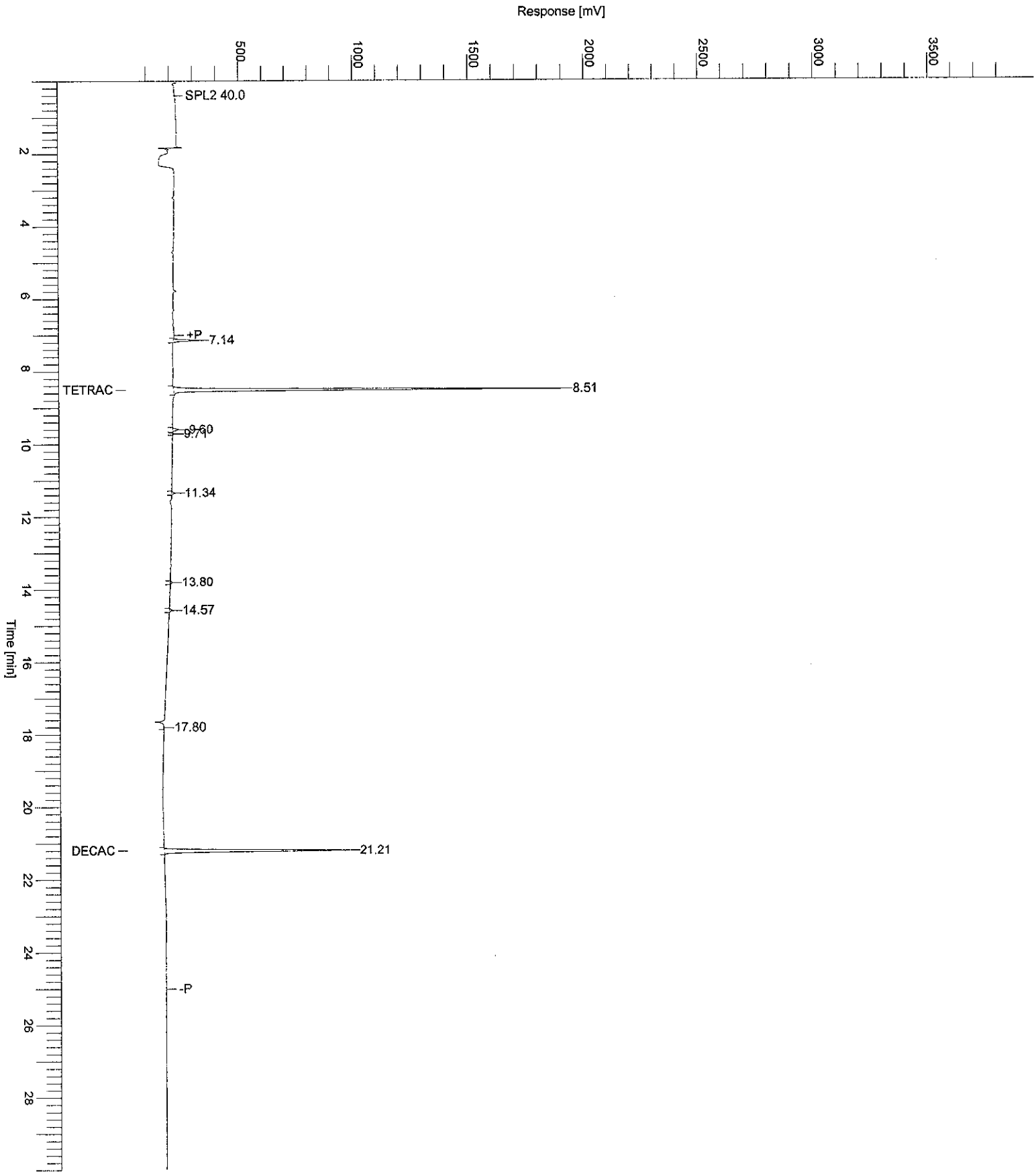


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.14	298221		B	0.29822	111247.96
2	8.51	5011087	Tetrachloro-m-xylene	B	0.05000	1.69e+06
3	9.60	82907		B	0.08291	27261.88
4	9.71	9879		B	0.00988	4108.32
5	11.34	38070		B	0.03807	12625.76
6	13.80	23365		B	0.02336	7777.74
7	14.57	35708		B	0.03571	11998.20
8	17.80	72131		B	0.07213	4990.55
9	21.21	2862888	Decachlorobiphenyl	B	0.05000	809789.55
		8434256			0.66028	2.68e+06

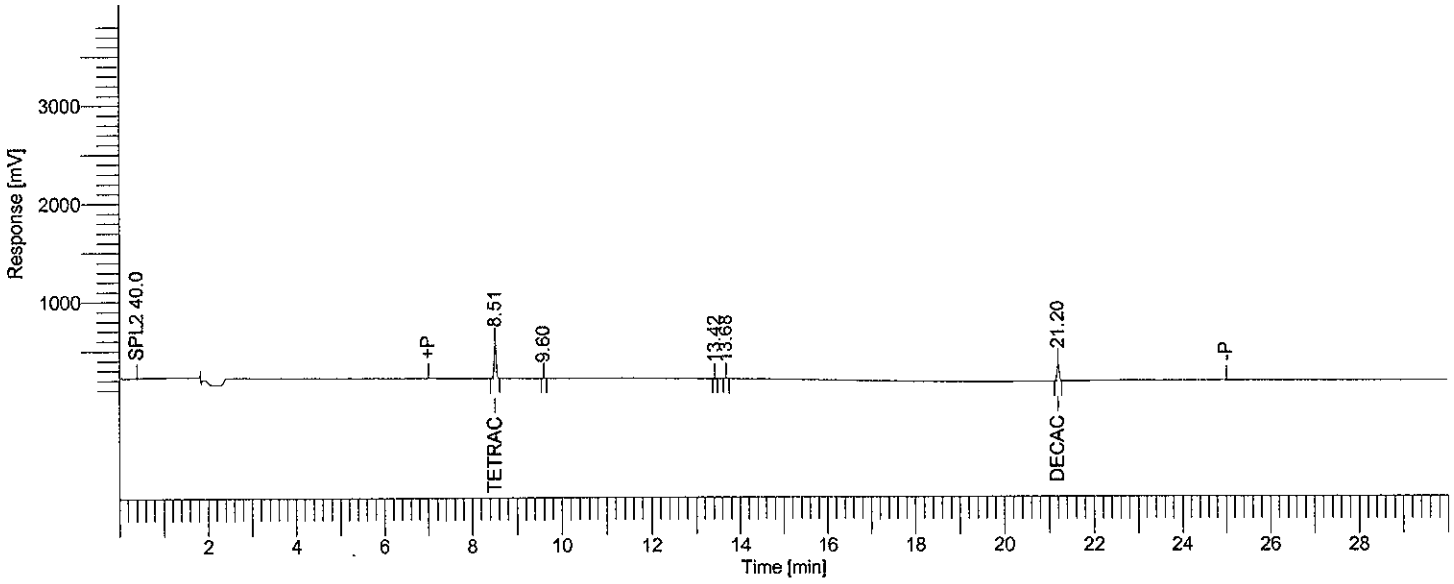
Chromatogram

Sample Name : ICM3QM
Sample #: 0.05
Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29026.raw
Date : 11/30/2008 13:51:12
Method : 6890-6 bside ins
Time of Injection: 11/29/2008 12:30:44
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3810.00 mV
Plot Offset: 10.00 mV
Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:18
Reprocess Number	: buf2048: 83027		
Operator	: tchrom	Sample Name	: ICM3QI DF10
Sample Number	: 0.01	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/27
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 13:07:12	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6a29027.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29027.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29027.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29027.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth from H:\TURBO6\6890-06\6a29027.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

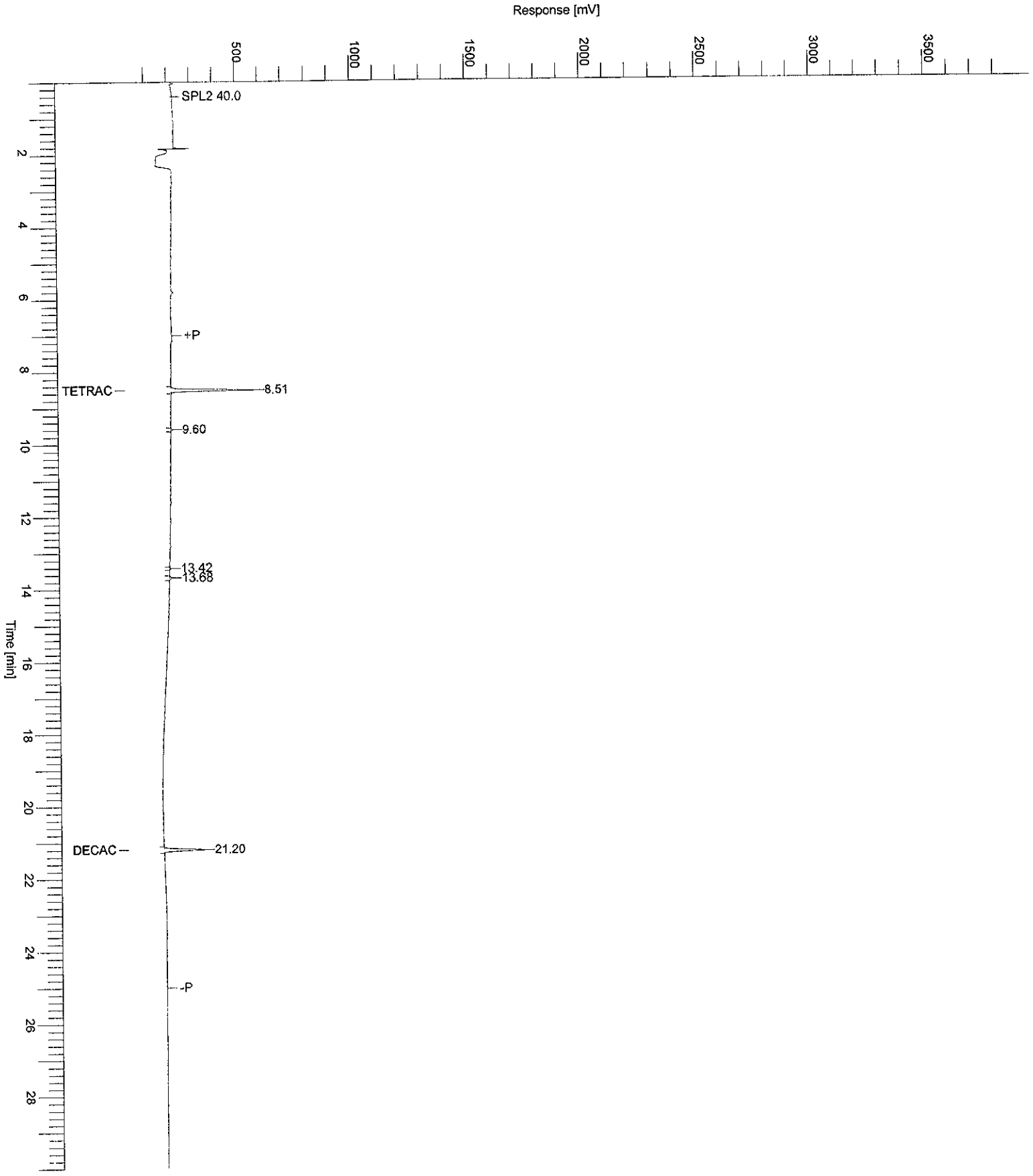


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.51	1130107	Tetrachloro-m-xylene	B	0.01000	365629.50
2	9.60	20993		B	0.02099	7144.66
3	13.42	13665		B	0.01367	4949.49
4	13.68	36085		B	0.03609	10063.97
5	21.20	623806	Decachlorobiphenyl	B	0.01000	177765.82
		1824657			0.09074	565553.44

Chromatogram

Sample Name : ICM3QI DF10 Sample #: 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29027.raw
Date : 11/30/2008 13:51:19
Method : 6890-6 bside ins Time of Injection: 11/29/2008 13:07:12
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:24
Reprocess Number	: buf2048: 83029		
Operator	: tchrom	Sample Name	: ICM3QM DF10
Sample Number	: 0.005	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/28
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 0.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 13:43:33	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6a29028.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29028.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29028.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29028.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth from H:\TURBO6\6890-06\6a29028.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

AUTO-CALIBRATION REPORT

Updating Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth
Calibration performed at level: A
Values will replace previous averages in the method
Retention times in the method will be updated
Reported response values are the method averages.

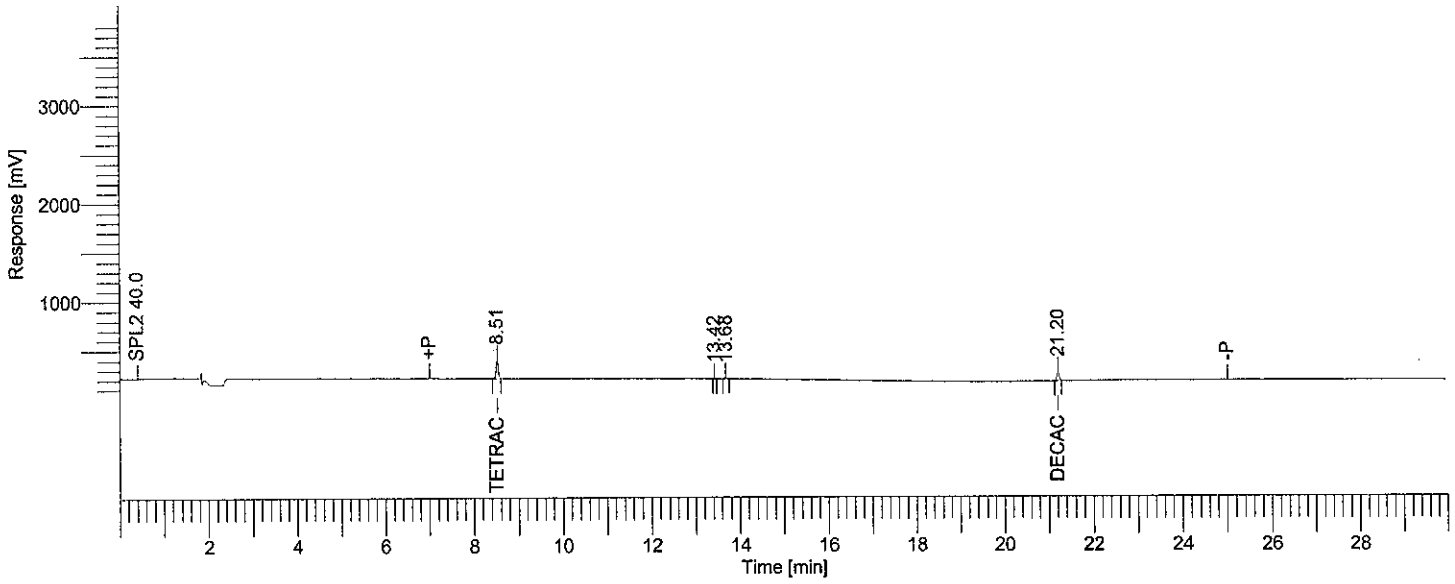
Calibration Status

Component	C0	C1	C2	C3	r^2	Status
Tetrachloro-m-xylene	—	—	—	—	—	18
Decachlorobiphenyl	—	—	—	—	—	18

Calibration Status Explanations
18 = Component calibrated successfully

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:25
Reprocess Number	: buf2048: 83029		
Operator	: tchrom	Sample Name	: ICM3QM DF10
Sample Number	: 0.005	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/28
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 13:43:33	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6a29028.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29028.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29028.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29028.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(11-29-08).mth from H:\TURBO6\6890-06\6a29028.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

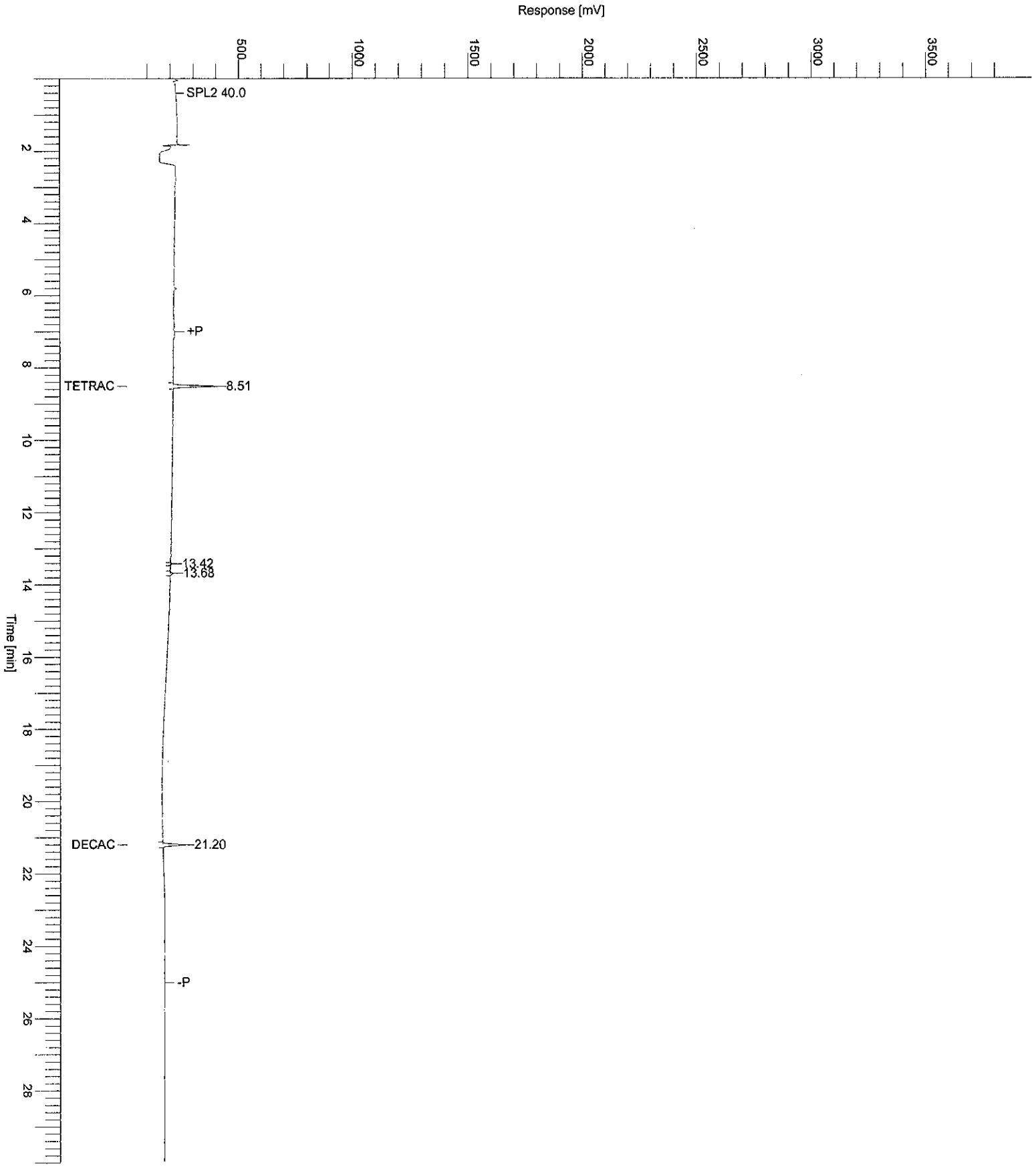


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.51	585635	Tetrachloro-m-xylene	B	0.00500	189300.06
2	13.42	13920		B	0.01392	5350.68
3	13.68	40645		B	0.04064	11049.94
4	21.20	323524	Decachlorobiphenyl	B	0.00500	92446.10
		963723			0.06456	298146.79

Chromatogram

Sample Name : ICM3QM DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29028.raw
Date : 11/30/2008 13:51:26
Method : 6890-6 bside ins Time of Injection: 11/29/2008 13:43:33
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.00 mV
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



TotalChrom Method File H:\TURBO6\6890-06\6B-SURR-(11-29-08).mth
Printed by : NearyM on: 11/30/2008 13:54:36
Created by : NearyM on: 11/30/2008 13:46:03
Edited by : NearyM on: 11/30/2008 13:54:32
Number of Times Edited : 2
Number of Times Calibrated : 2571
Description: PEST CURVE 11-14-08

Processed by:

Reviewed by: JJB 12/1/08

Global Sample Information

Default Sample Volume : 1.000 ul
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information

Tetrachloro-m-xylene
Component Type : Single Peak Component
Retention Time : 10.218 min
Search Window : 7.00 s, 0.50 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	708062.40	169599.72	----------	----------	1
B	0.0100	1317916.20	308167.54	----------	----------	1
C	0.0500	5336990.00	1.31e+06	----------	----------	1
D	0.0750	7996655.00	2.08e+06	----------	----------	1
E	0.1000	10132054.40	2.69e+06	----------	----------	1

Calibration Curve : y = (298884.818425) + (99988557.949480)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998857

Decachlorobiphenyl
Component Type : Single Peak Component
Retention Time : 24.656 min
Search Window : 7.00 s, 0.50 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will ignore the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1
Component standard purity percentage : 100.0000%

11/30/2008 13:54:36 Method: H:\TURBO6\6890-06\6B-SURR-(11-29-08).mth

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

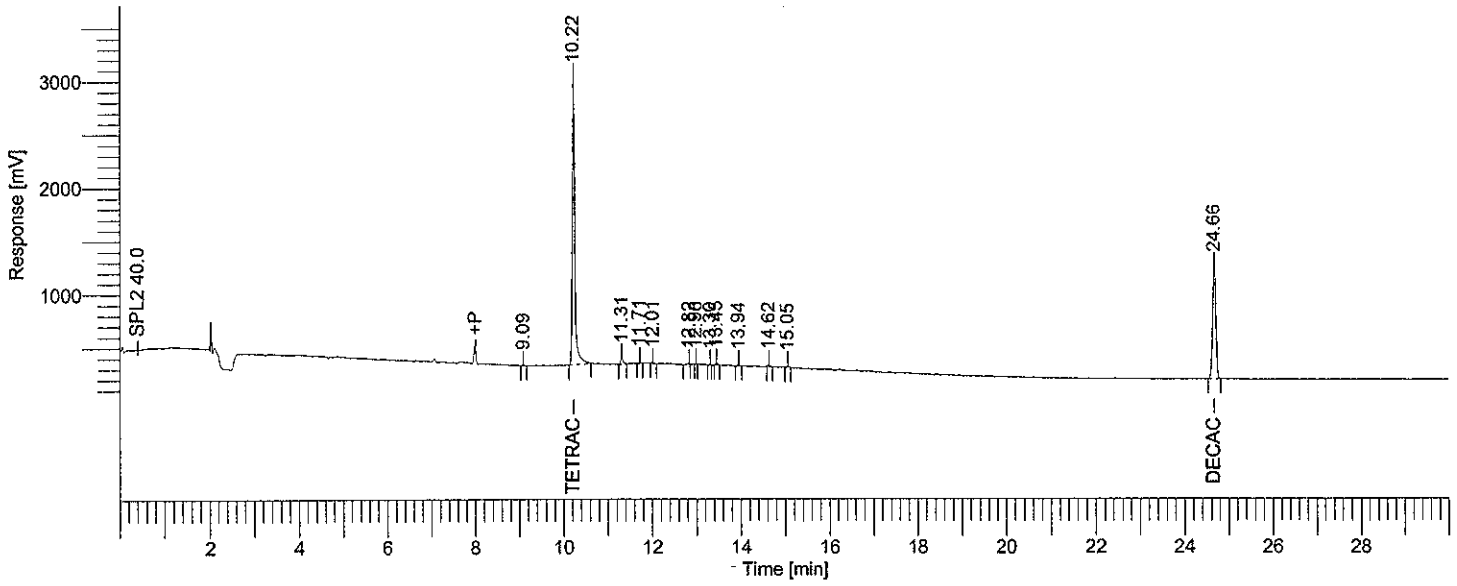
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	304825.50	59645.70	----------	----------	1
B	0.0100	659790.00	122884.92	----------	----------	1
C	0.0500	3038864.40	567706.29	----------	----------	1
D	0.0750	4250505.20	803528.08	----------	----------	1
E	0.1000	5489335.20	1.04e+06	----------	----------	1

Calibration Curve : y = (123233.214710) + (54696475.943536)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997395

Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:50:59
Reprocess Number	: buf2048: 83022		
Operator	: tchrom	Sample Name	: ICM3QH
Sample Number	: 0.15	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/24
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 11:17:51	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6b29024.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29024.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29024.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29024.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(11-29-08).mth from H:\TURBO6\6890-06\6b29024.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

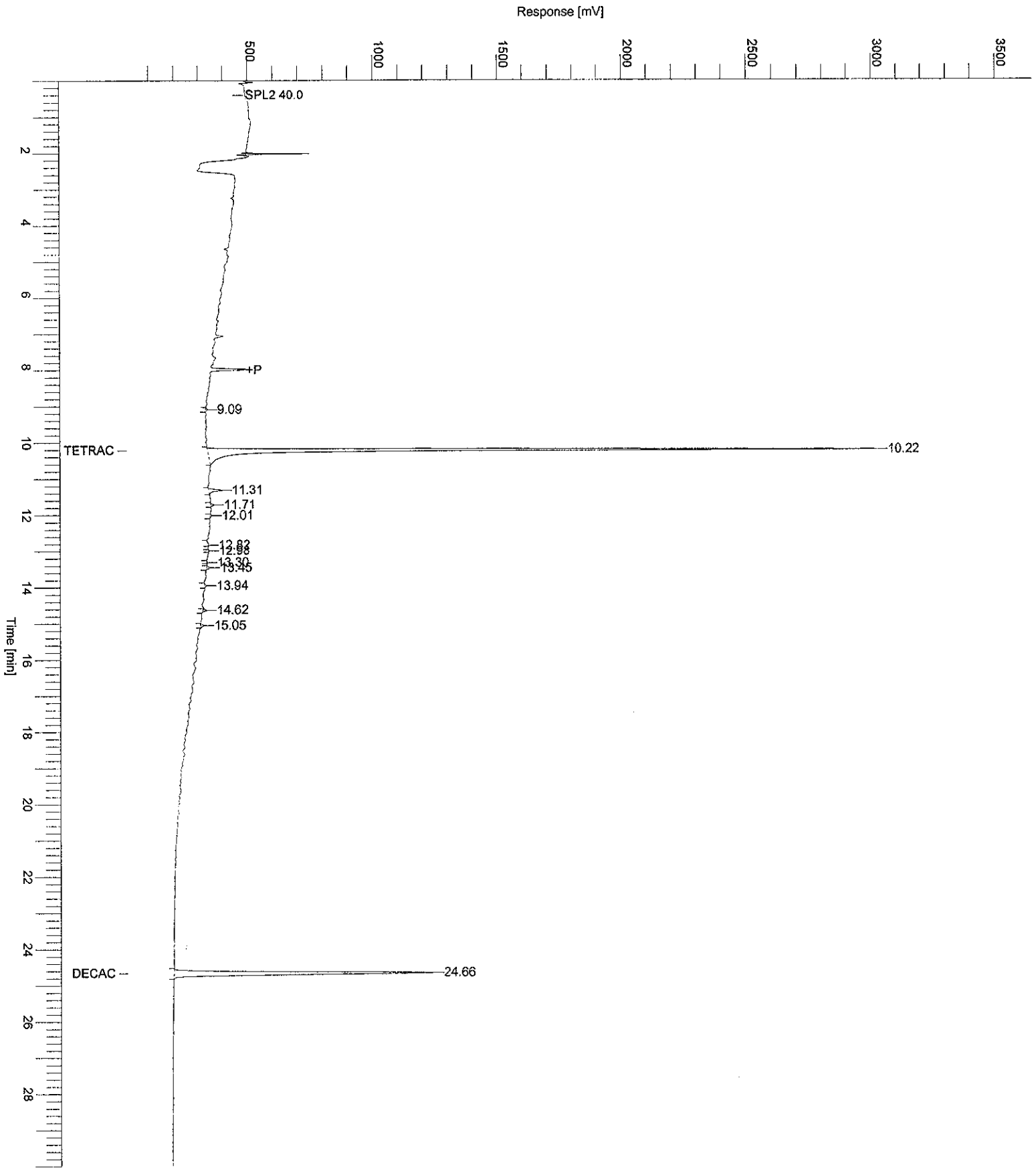


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.09	28978		B	0.02898	6781.71
2	10.22	10132054	Tetrachloro-m-xylene	B	0.10000	2.69e+06
3	11.31	206503		B	0.20650	54245.34
4	11.71	46586		B	0.04659	14470.73
5	12.01	25370		B	0.02537	6866.28
6	12.82	19617		B	0.01962	2013.56
7	12.98	9044		B	0.00904	3720.30
8	13.30	7964		B	0.00796	2133.27
9	13.45	54819		B	0.05482	15617.88
10	13.94	31230		B	0.03123	8410.09
11	14.62	48624		B	0.04862	16051.57
12	15.05	45344		B	0.04534	13988.18
13	24.66	5489335	Decachlorobiphenyl	B	0.10000	1.04e+06
		16145468			0.72408	3.88e+06

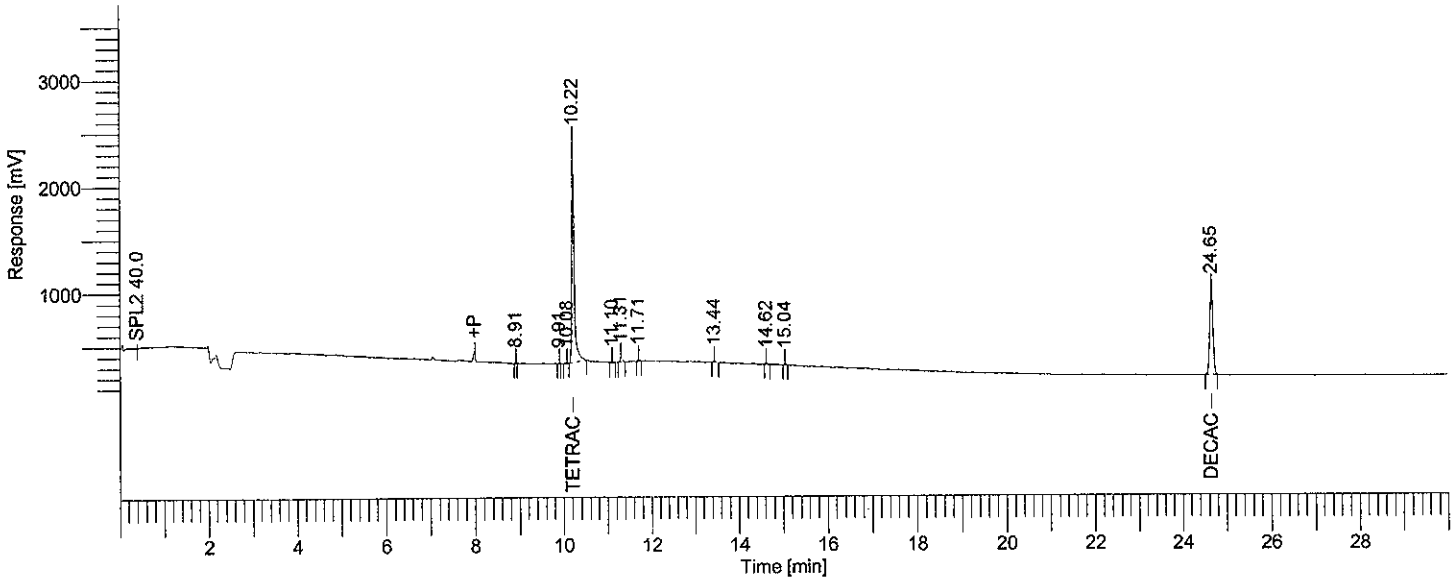
Chromatogram

Sample Name : ICM3QH Sample #: 0.15 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29024.raw
Date : 11/30/2008 13:51:01
Method : 6890-6 bside ins Time of Injection: 11/29/2008 11:17:51
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:07
Reprocess Number	: buf2048: 83024		
Operator	: tchrom	Sample Name	: ICM3QI
Sample Number	: 0.10	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/25
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 11:54:21	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6b29025.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29025.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29025.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29025.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(11-29-08).mth from H:\TURBO6\6890-06\6b29025.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



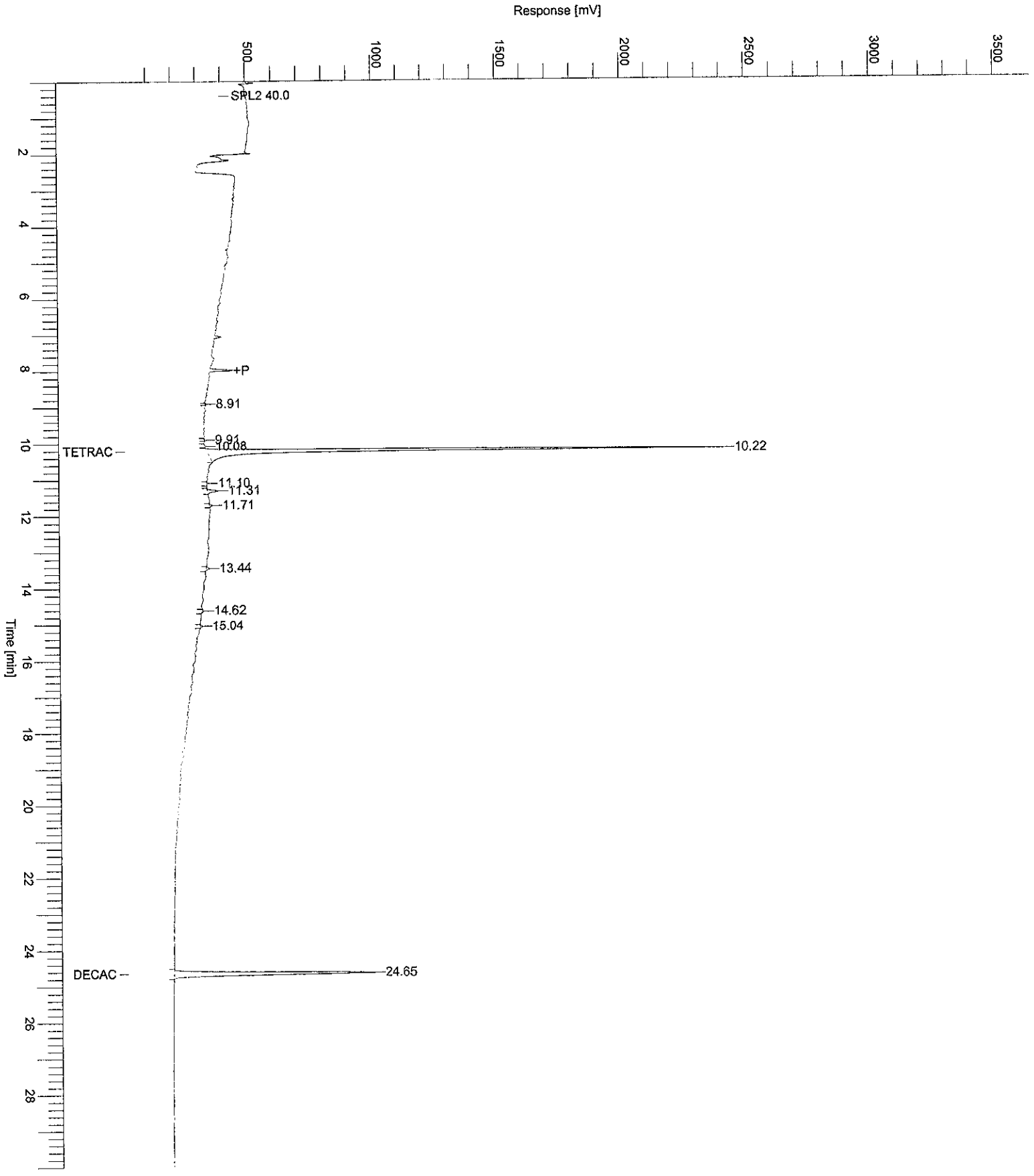
HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
3	10.08	17778		B	0.01778	3962.04
4	10.22	7996655	Tetrachloro-m-xylene	B	0.07500	2.08e+06
5	11.10	17333		B	0.01733	5466.72
6	11.31	151313		B	0.15131	41673.62
7	11.71	36420		B	0.03642	11019.16
8	13.44	43170		B	0.04317	12164.42
9	14.62	26136		B	0.02614	7985.26
10	15.04	26754		B	0.02675	8836.74
11	24.65	4250505	Decachlorobiphenyl	B	0.07500	803528.08
		12566064			0.46890	2.97e+06

Chromatogram

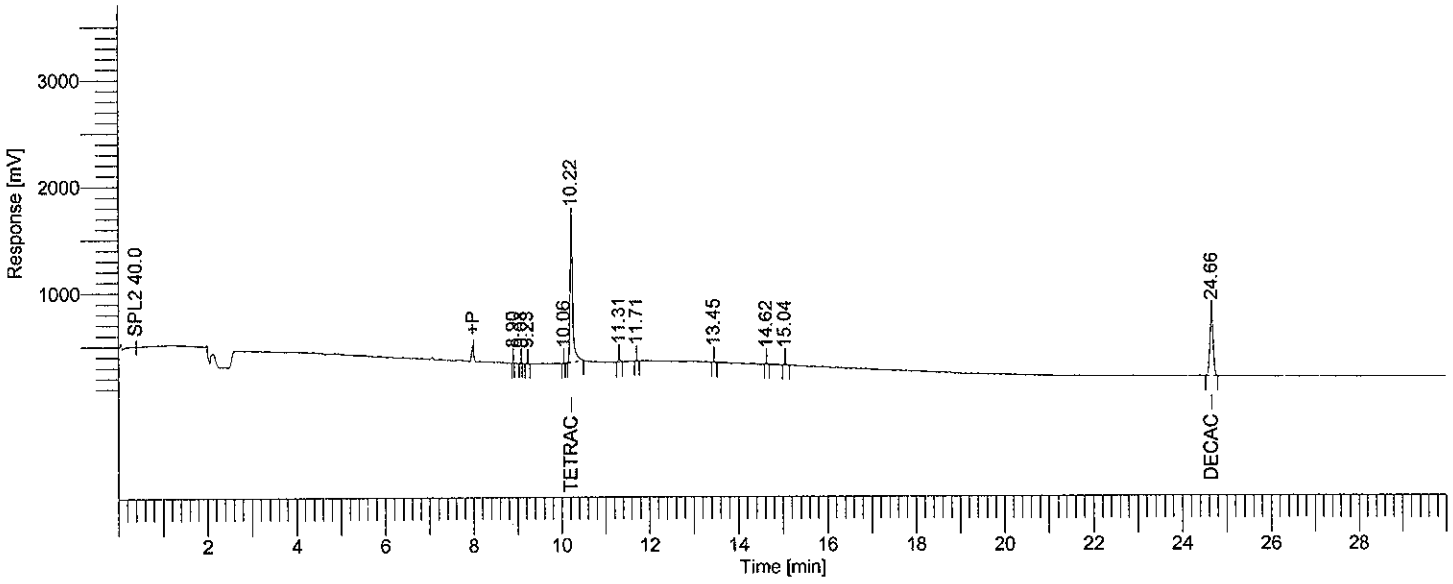
Sample Name : ICM3QI
FileName : H:\TURBO6\6890-06\6b29025.raw
Date : 11/30/2008 13:51:08
Method : 6890-6 bside ins
Start Time : 0.00 min End Time : 30.00 min
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV

Sample #: 0.10 Page 1 of 1
Time of Injection: 11/29/2008 11:54:21
Low Point : 10.00 mV High Point : 3510.00 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:14
Reprocess Number	: buf2048: 83026		
Operator	: tchrom	Sample Name	: ICM3QM
Sample Number	: 0.05	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/26
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 12:30:44	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6b29026.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29026.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29026.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29026.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(11-29-08).mth from H:\TURBO6\6890-06\6b29026.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

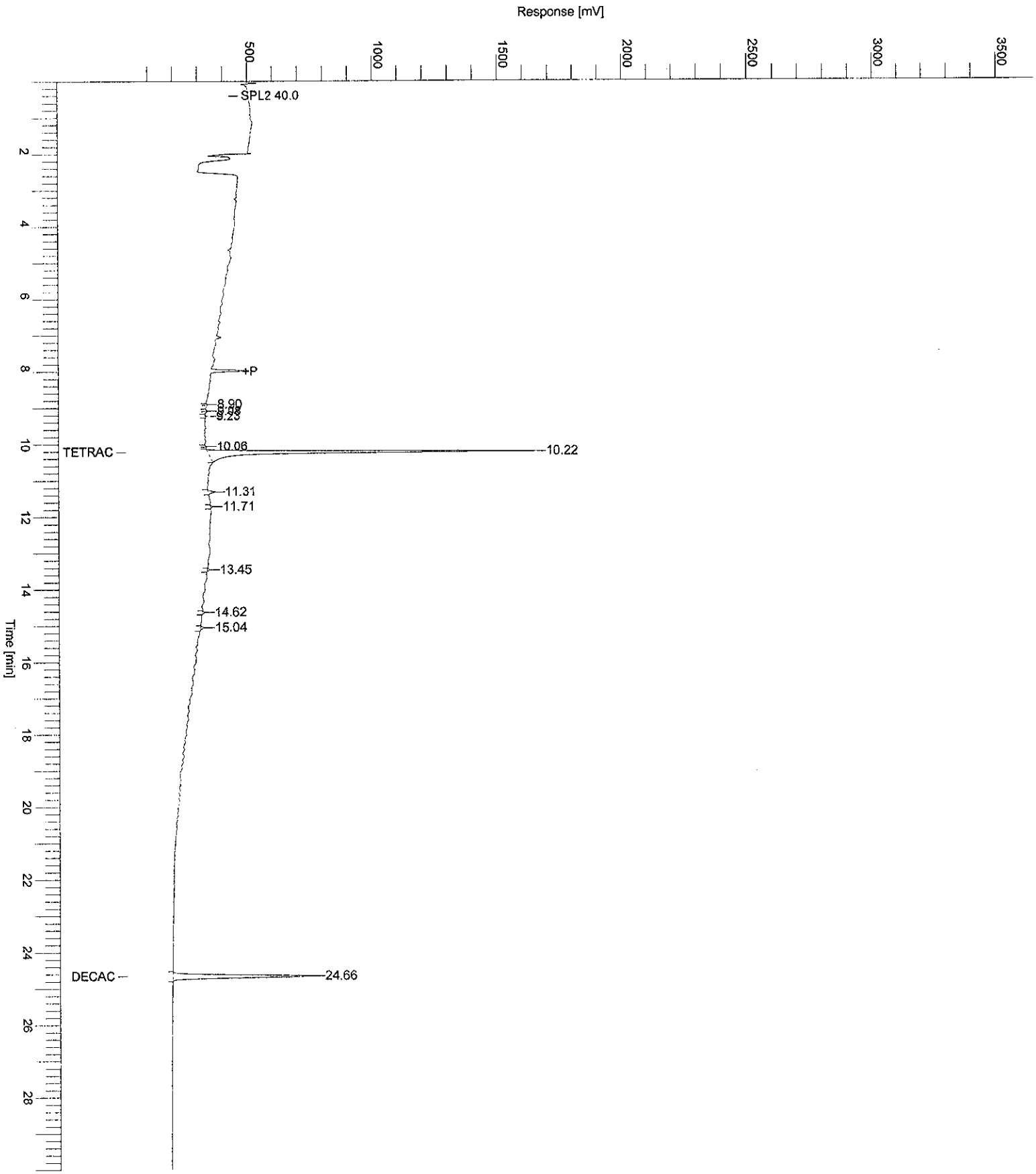


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
3	9.23	14904		B	0.01490	3876.29
5	10.22	5336990	Tetrachloro-m-xylene	B	0.05000	1.31e+06
6	11.31	94143		B	0.09414	27199.27
7	11.71	27357		B	0.02736	7974.77
8	13.45	27830		B	0.02783	9095.25
9	14.62	23851		B	0.02385	7740.01
10	15.04	59748		B	0.05975	17054.94
11	24.66	3038864	Decachlorobiphenyl	B	0.05000	567706.29
		8623688			0.34783	1.95e+06

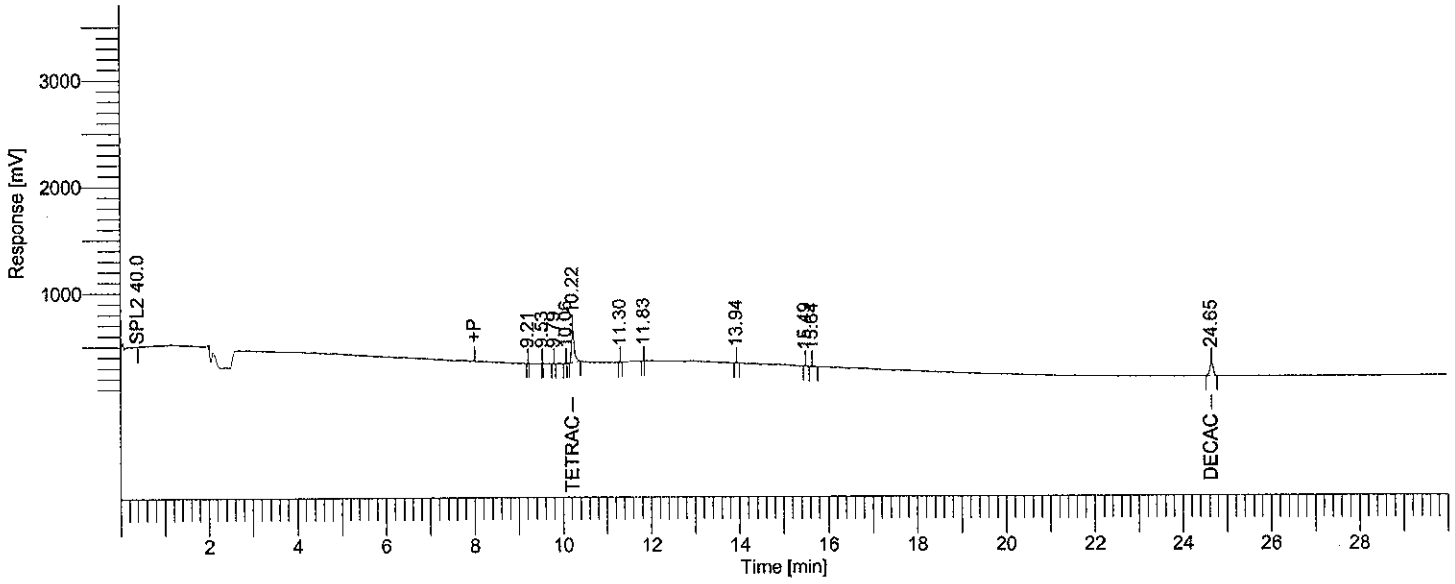
Chromatogram

Sample Name : ICM3QM Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29026.raw
Date : 11/30/2008 13:51:16
Method : 6890-6 bside ins Time of Injection: 11/29/2008 12:30:44
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:21
Reprocess Number	: buf2048: 83028		
Operator	: tchrom	Sample Name	: ICM3QI DF10
Sample Number	: 0.01	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/27
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 13:07:12	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6b29027.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29027.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29027.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29027.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(11-29-08).mth from H:\TURBO6\6890-06\6b29027.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

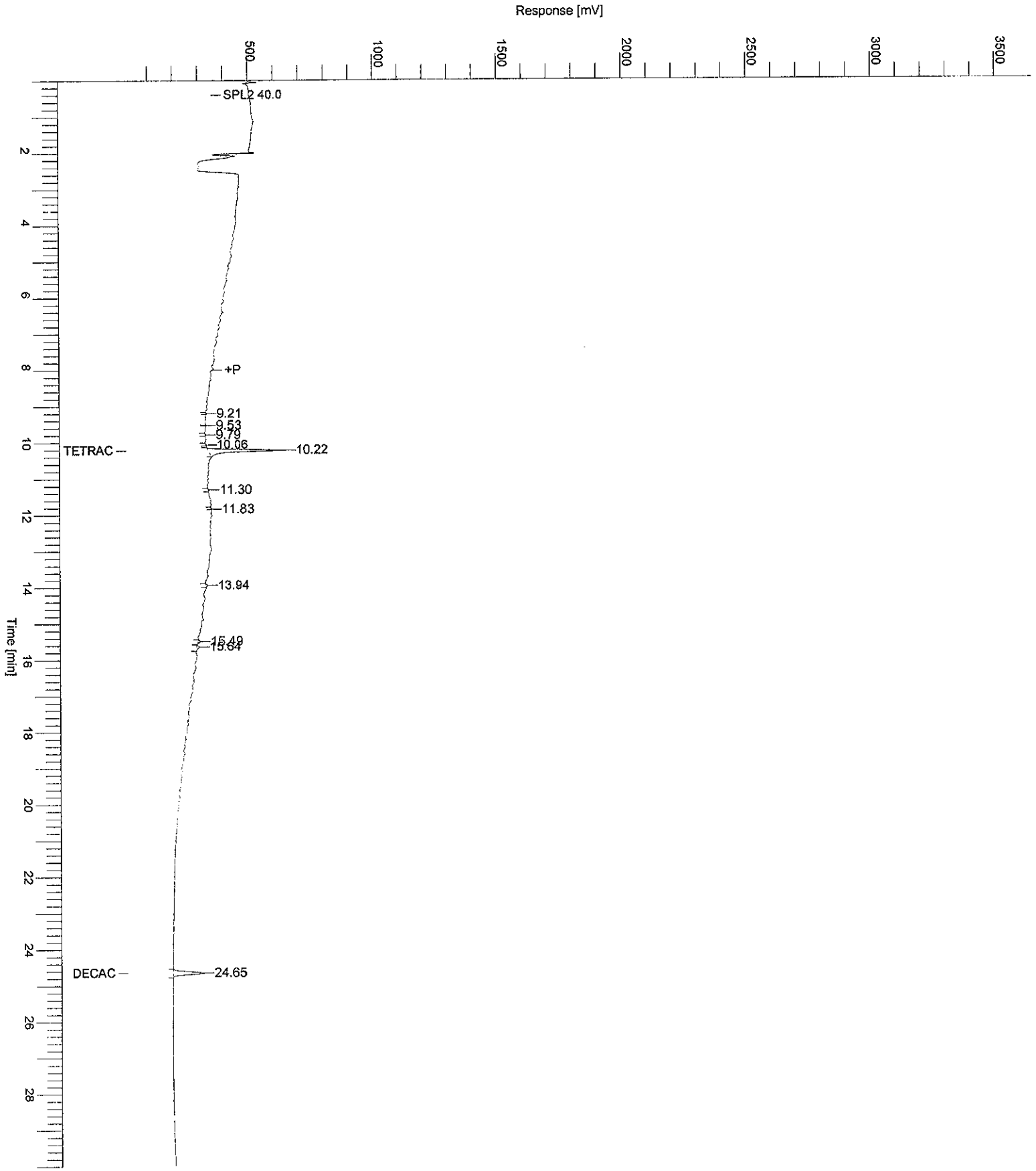


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
3	9.79	9577		B	0.00958	3189.82
4	10.06	6805		B	0.00681	2026.10
5	10.22	1317916	Tetrachloro-m-xylene	B	0.01000	308167.54
6	11.30	14920		B	0.01492	5876.38
8	13.94	24203		B	0.02420	8338.68
9	15.49	40990		B	0.04099	11309.22
10	15.64	58969		B	0.05897	12201.04
11	24.65	659790	Decachlorobiphenyl	B	0.01000	122884.92
		2133169			0.17546	473993.70

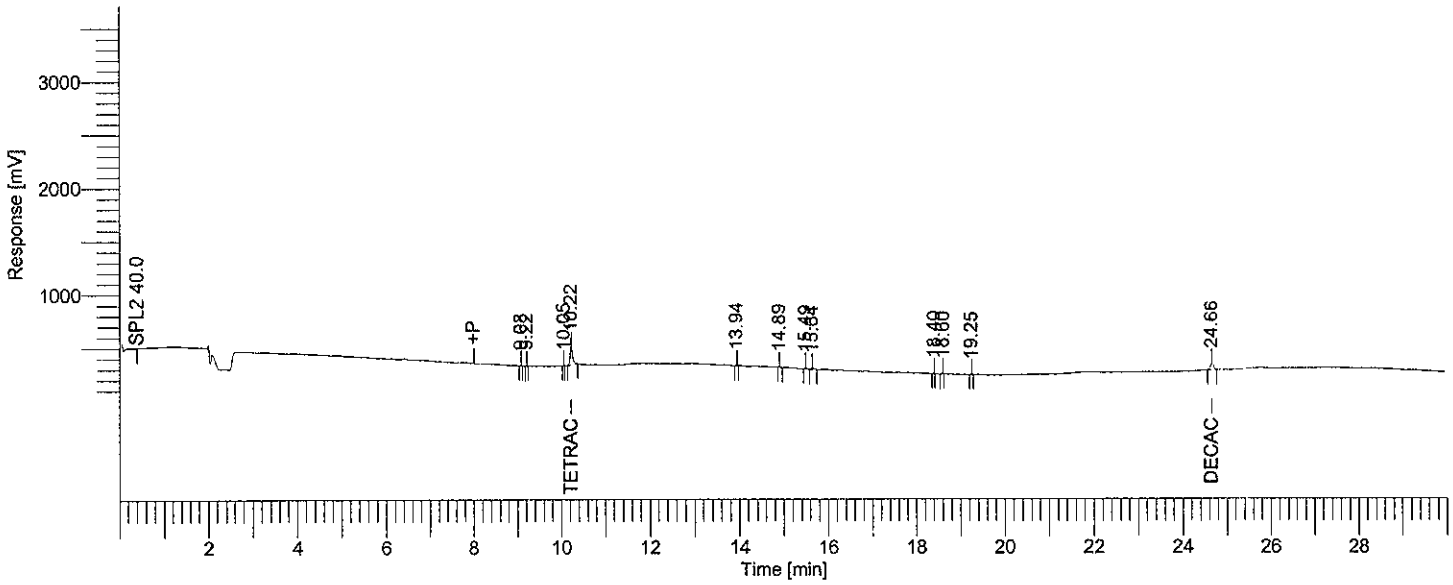
Chromatogram

Sample Name : ICM3QI DF10 Sample #: 0.01 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29027.raw
Date : 11/30/2008 13:51:23
Method : 6890-6 bside ins Time of Injection: 11/29/2008 13:07:12
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 11/30/2008 13:51:28
Reprocess Number	: buf2048: 83030		
Operator	: tchrom	Sample Name	: ICM3QM DF10
Sample Number	: 0.005	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/28
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 11/29/2008 13:43:33	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6b29028.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29028.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29028.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29028.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(11-29-08).mth from H:\TURBO6\6890-06\6b29028.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

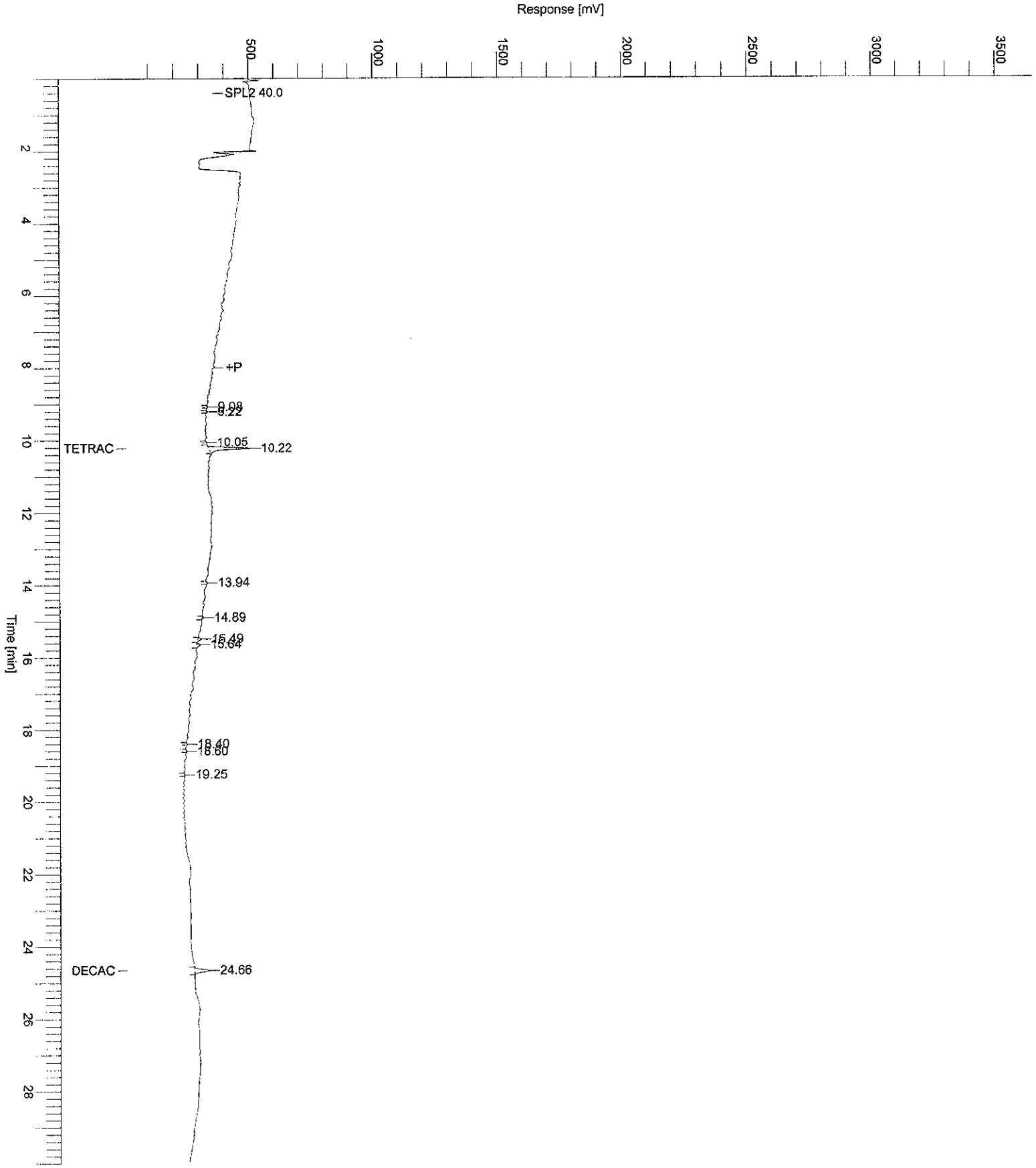


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.08	7194		B	0.00719	2630.55
2	9.22	8036		B	0.00804	3615.33
4	10.22	708062	Tetrachloro-m-xylene	B	0.00500	169599.72
5	13.94	13334		B	0.01333	4939.04
6	14.89	16429		B	0.01643	6037.94
7	15.49	49979		B	0.04998	13241.02
8	15.64	60094		B	0.06009	13416.72
10	18.60	8164		B	0.00816	1877.73
11	19.25	8745		B	0.00875	2935.08
12	24.66	304825	Decachlorobiphenyl	B	0.00500	59645.70
		1184863			0.18197	277938.83

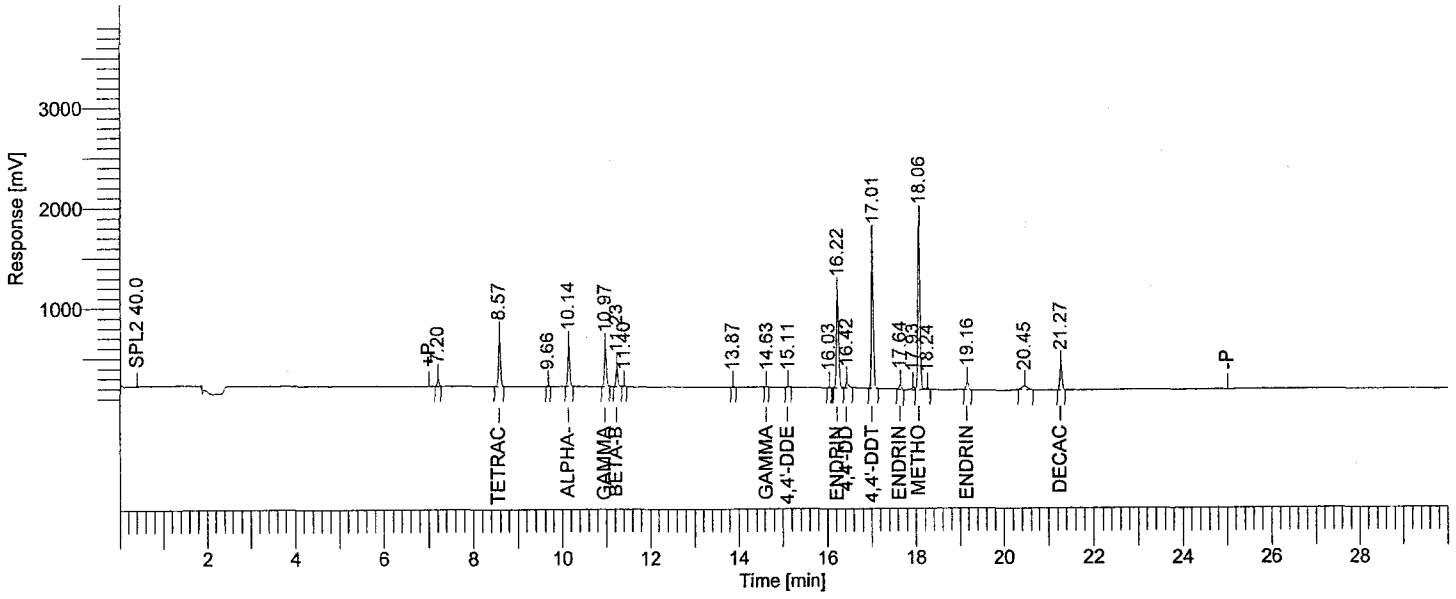
Chromatogram

Sample Name : ICM3QM DF10 Sample #: 0.005 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29028.raw
Date : 11/30/2008 13:51:30
Method : 6890-6 bside ins Time of Injection: 11/29/2008 13:43:33
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.00 mV
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 09:03:28
Reprocess Number	: buf1938: 87772		
Operator	: tchrom	Sample Name	: ICM1DA
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/54
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 07:37:19	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6a29054.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29054.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29054.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29054.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29054.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.20	183635		B	0.18364	68224.01
2	8.57	1565727	Tetrachloro-m-xylene	B	0.01454	502114.92
3	9.66	26018		B	0.02602	8831.97
4	10.14	1250869	alpha-BHC	B	0.00761	401642.28
5	10.97	1218018	gamma-BHC	B	0.00796	380261.71
6	11.23	612010	beta-BHC	B	0.00803	182422.80
7	11.40	31720		V	0.03172	9295.83
8	13.87	31817		B	0.03182	10218.34
9	14.63	17021	gamma chlordane	B	6.27e-04	6072.08
10	15.11	42199	4,4'-DDE	B	0.00120	12560.17
11	16.03	30817		B	0.03082	10598.37
12	16.22	3241452	Endrin	B	0.03494	948603.19
13	16.42	233309	4,4'-DDD	B	0.00265	54176.00
14	17.01	4741354	4,4'-DDT	B	0.06769	1.47e+06
15	17.64	171882	Endrin aldehyde	B	0.00142	44571.41
16	17.93	177934		B	0.17793	25257.42
17	18.06	5512929	Methoxychlor	V	0.16672	1.68e+06
18	18.24	72185		E	0.07219	15665.31
19	19.16	270154	Endrin ketone	B	0.00389	74754.98
20	20.45	325784		B	0.32578	37116.44
21	21.27	869143	Decachlorobiphenyl	B	0.01433	240634.48

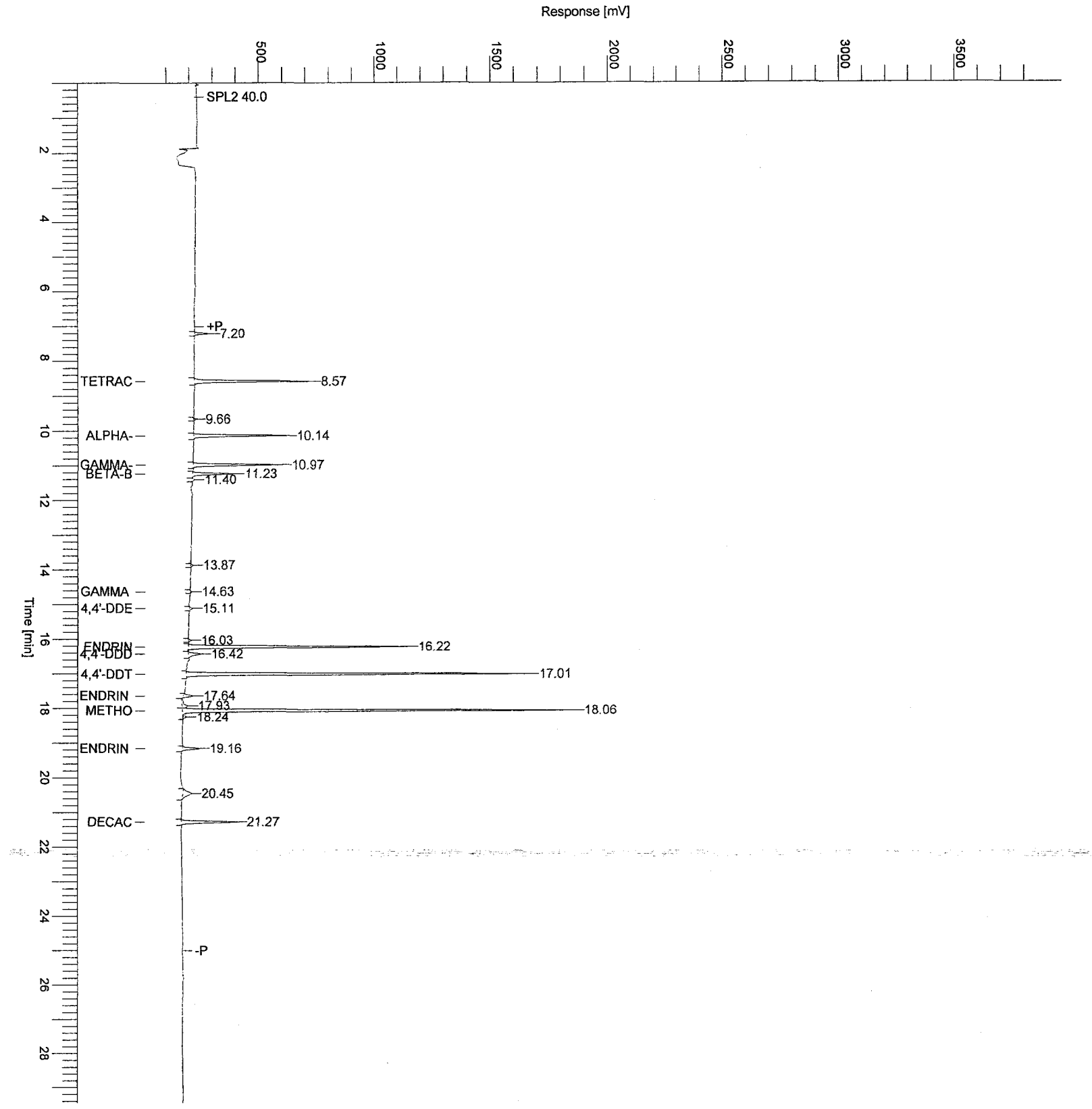
DDT 5.49
Endrin 12.0
12-2-08
DSB

12/01/2008 09:03:28 Result: H:\TURBO6\6890-06\6a29054.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
		20625977			1.21152	6.19e+06

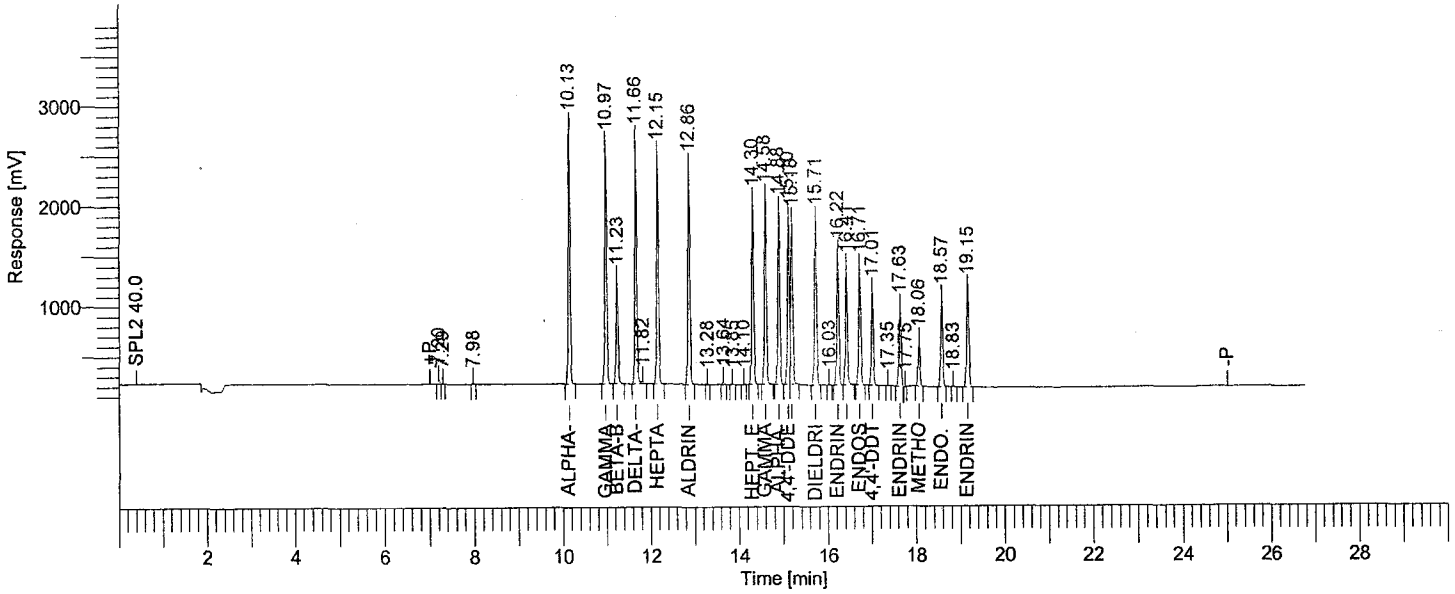
Chromatogram

Sample Name : ICM1DA Sample #: Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29054.raw
Date : 12/01/2008 09:03:29
Method : 6890-6 bside ins Time of Injection: 12/01/2008 07:37:19
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 09:03:33
Reprocess Number	: buf1938: 87774		
Operator	: tchrom	Sample Name	: ICM25ZU
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/55
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 26.77 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 08:13:50	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6a29055.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29055.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29055.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29055.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29055.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

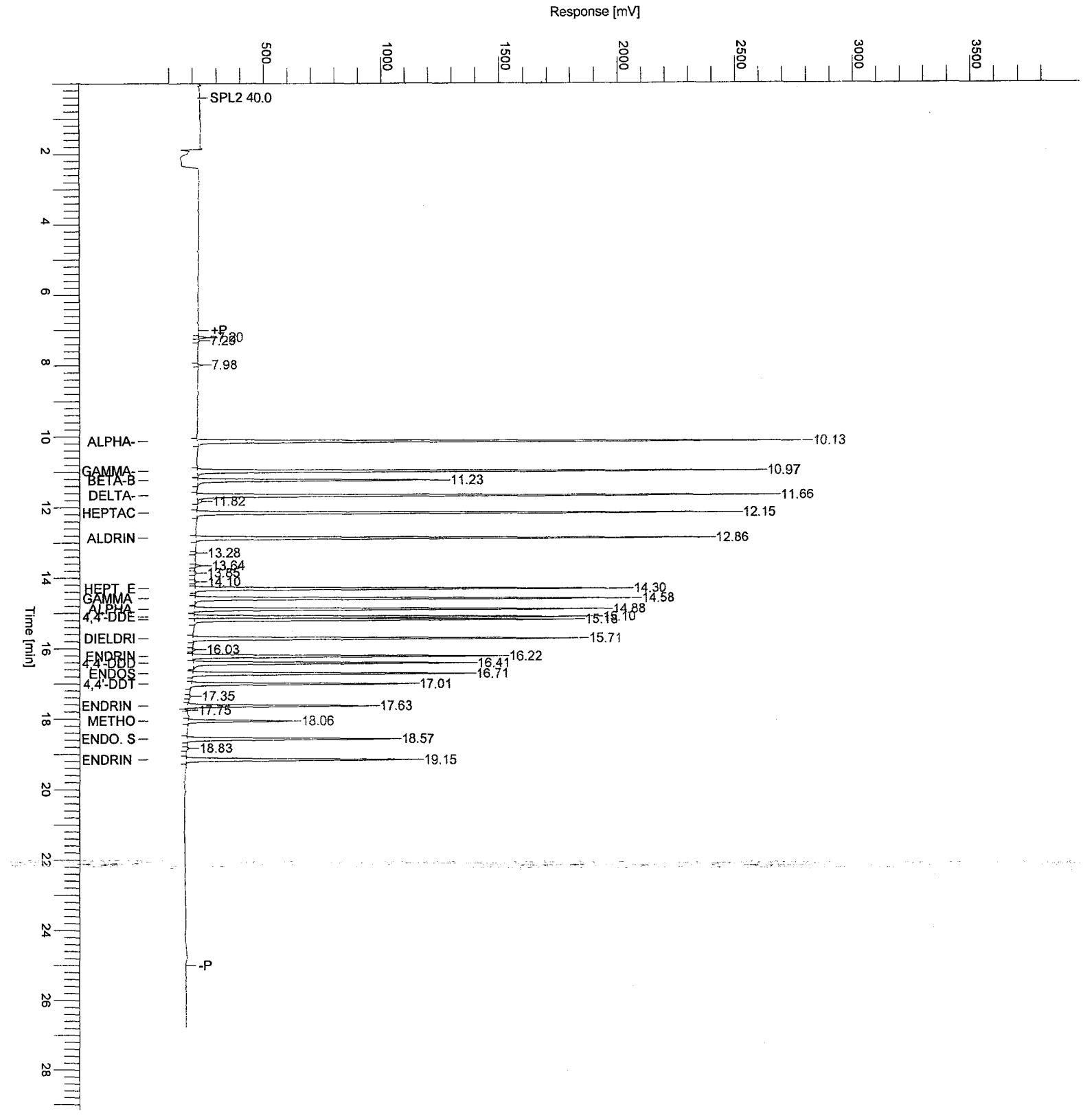


Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.13	BB	7675684	alpha-BHC	0.04719	2.57e+06	-5.6	10.08 -	10.18
10.97	BB	7335987	gamma-BHC	0.04896	2.37e+06	-2.1	10.92 -	11.02
11.23	BB	3296491	beta-BHC	0.05085	1.03e+06	1.7	11.18 -	11.28
11.66	BE	7727218	delta-BHC	0.04891	2.43e+06	-2.2	11.61 -	11.71
12.15	BB	7128862	Heptachlor	0.05007	2.27e+06	0.1	12.10 -	12.20
12.86	BB	6823429	Aldrin	0.04976	2.16e+06	-0.5	12.81 -	12.91
14.30	BB	5877194	Hept. epoxide	0.04881	1.81e+06	-2.4	14.25 -	14.35
14.58	BB	5965578	gamma chlordane	0.04739	1.85e+06	-5.2	14.53 -	14.63
14.88	BB	5573992	alpha chlordane	0.04740	1.73e+06	-5.2	14.83 -	14.93
15.10	BV	5199678	4,4'-DDE	0.04724	1.69e+06	-5.5	15.05 -	15.15
15.18	VB	5454725	Endosulfan I	0.04856	1.61e+06	-2.9	15.13 -	15.23
15.71	BB	5473653	Dieldrin	0.04817	1.63e+06	-3.7	15.66 -	15.76
16.22	BB	4409878	Endrin	0.04711	1.30e+06	-5.8	16.17 -	16.27
16.41	BB	3901099	4,4'-DDD	0.04809	1.16e+06	-3.8	16.36 -	16.46
16.71	BB	3985696	Endosulfan II	0.04801	1.16e+06	-4.0	16.66 -	16.76
17.01	BB	2938274	4,4'-DDT	0.04347	923184.79	-13.1	16.96 -	17.06
17.63	BB	2713965	Endrin aldehyde	0.04680	775942.68	-6.4	17.58 -	17.68
18.06	BB	1404154	Methoxychlor	0.04462	434390.56	-10.8	18.01 -	18.11
18.57	BB	3025664	Endo. Sulfate	0.04680	865420.73	-6.4	18.52 -	18.62
19.15	BB	3521654	Endrin ketone	0.04723	965258.91	-5.5	19.10 -	19.20
		99432875		0.95544	3.07e+07			

12-1-08 DJB

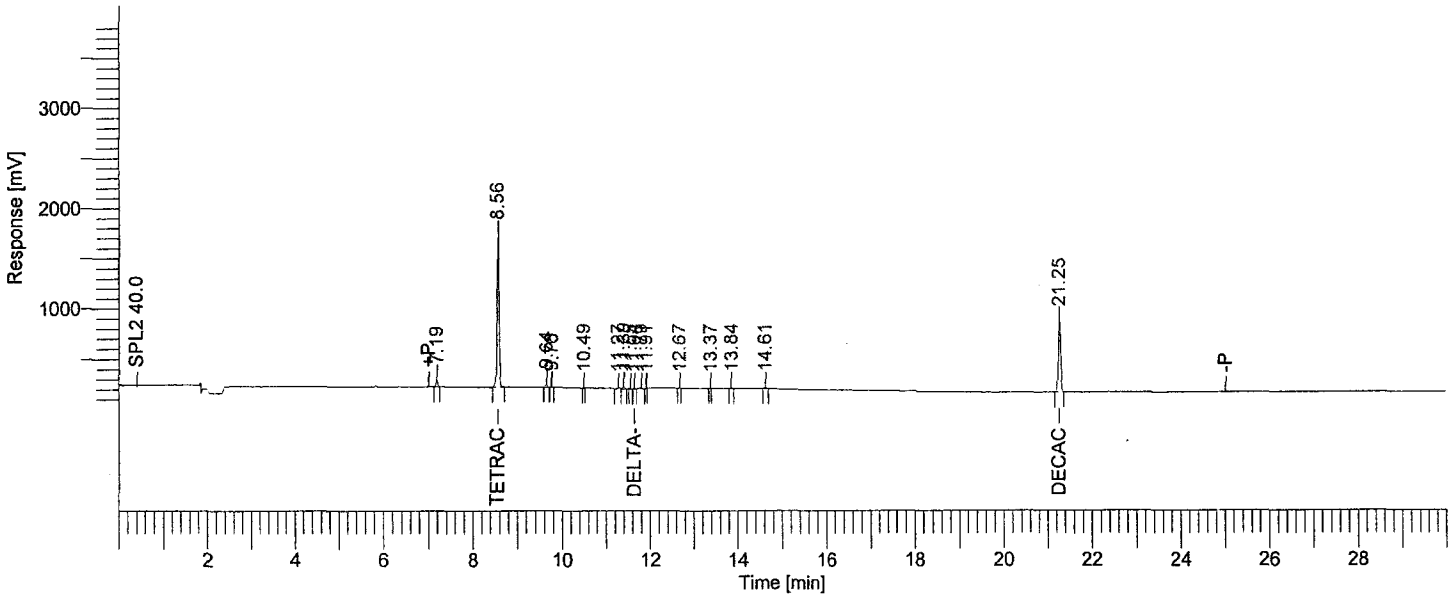
Chromatogram

Sample Name : ICM25ZU Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29055.raw
Date : 12/01/2008 09:03:34
Method : 6890-6 bside ins Time of Injection: 12/01/2008 08:13:50
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 12:45:20
Reprocess Number	: buf1938: 87778		
Operator	: tchrom	Sample Name	: ICM3QM
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/56
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 09:34:55	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6a29056.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29056.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29056.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29056.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29056.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
8.56	BB	4524134	Tetrachloro-m-xy	0.04566	1.50e+06	-8.7	8.51 -	8.61
11.64	BV	~~22921~~	~~delta-BHC~~	~~4.21e-04~~	~~7724.68~~	~~99.2~~	11.59 -	11.69
21.25	BB	2501526	Decachlorobiphen	0.04598	693582.85	-8.0	21.20 -	21.30
		7048581		0.09206	2.21e+06			

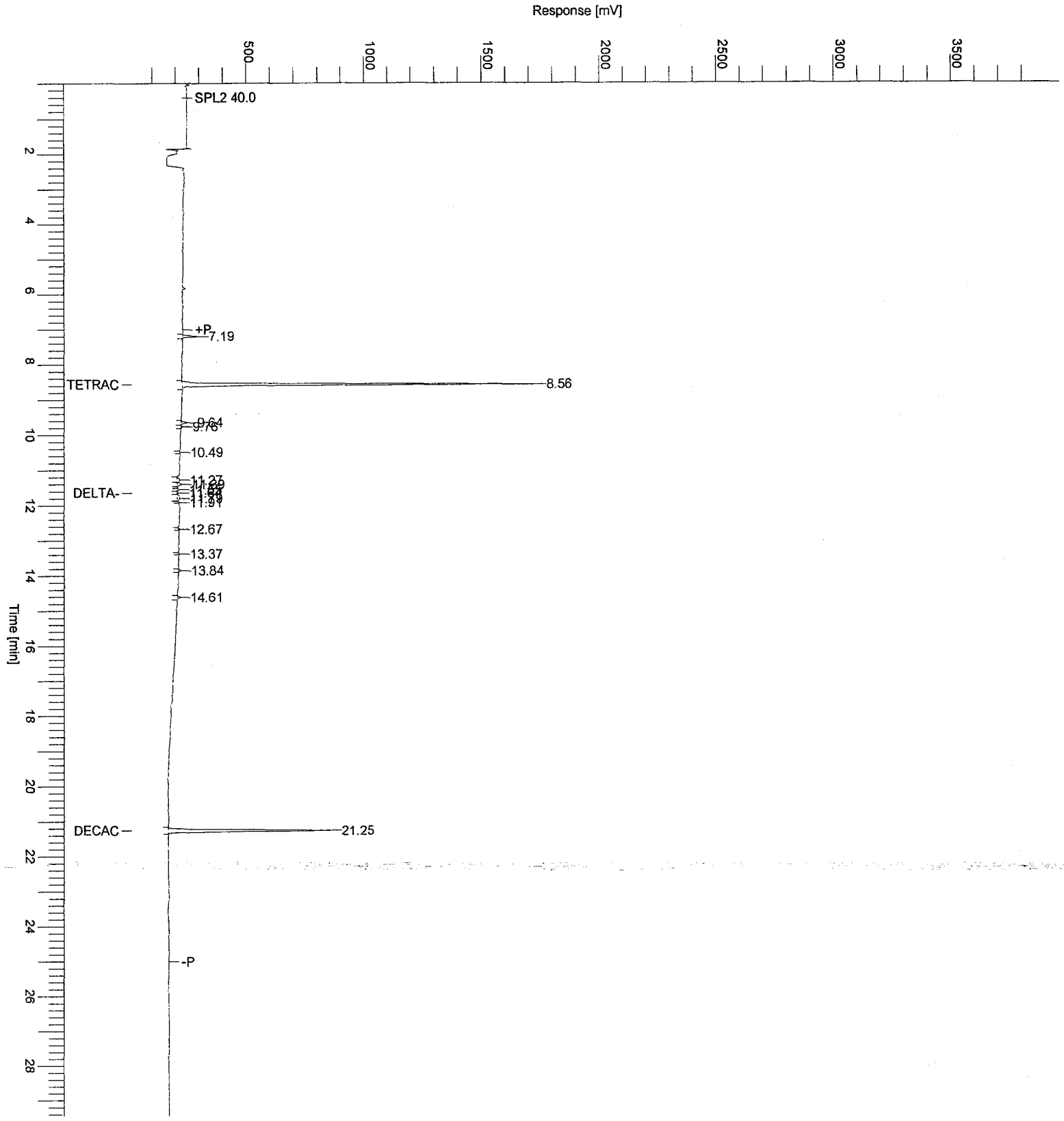
Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	10.079
gamma-BHC	10.916
beta-BHC	11.174
Heptachlor	12.093
Aldrin	12.806
Hept. epoxide	14.247
gamma chlordane	14.526
alpha chlordane	14.827
4,4'-DDE	15.047
Endosulfan I	15.123
Dieldrin	15.658
Endrin	16.161
4,4'-DDD	16.355

12-1-08 DWB

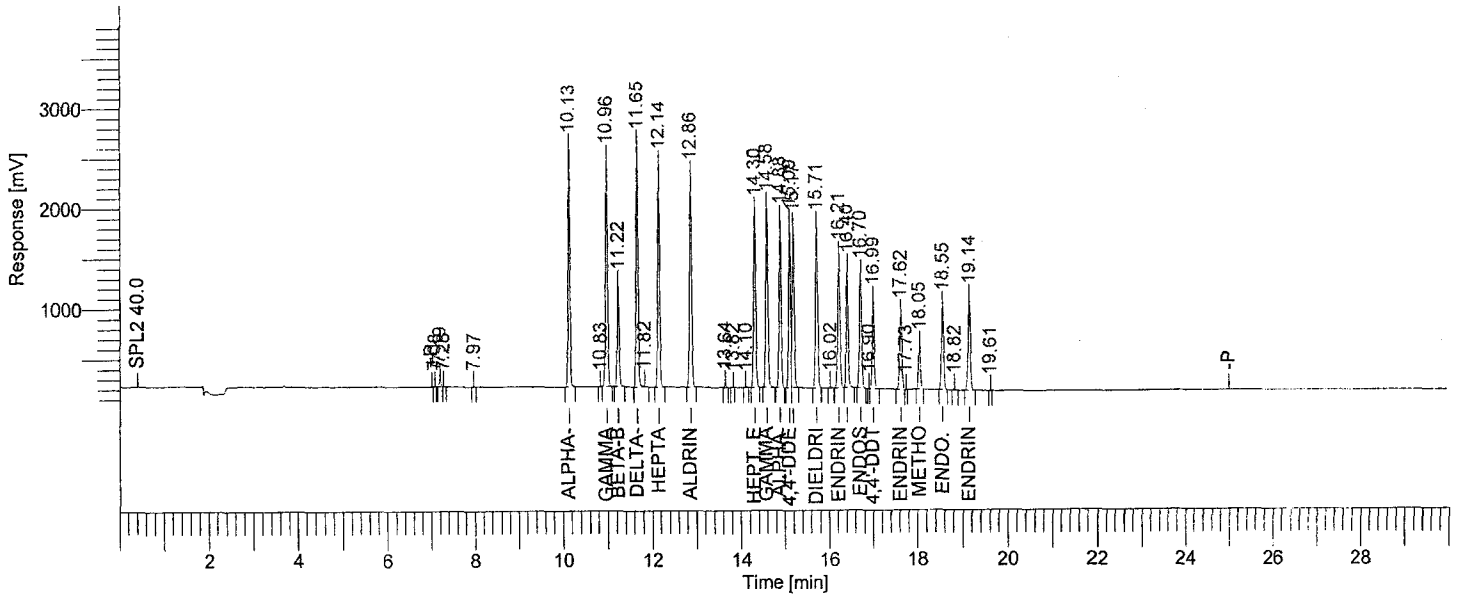
Chromatogram

Sample Name : ICM3QM Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29056.raw
Date : 12/01/2008 12:45:21
Method : 6890-6 bside ins Time of Injection: 12/01/2008 09:34:55
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:33
Reprocess Number	: buf1938: 87824		
Operator	: tchrom	Sample Name	: ICM25ZU
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/68
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.96 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 16:52:41	Cycle	: 8

Raw Data File : H:\TURBO6\6890-06\6a29068.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29068.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29068.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29068.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29068.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

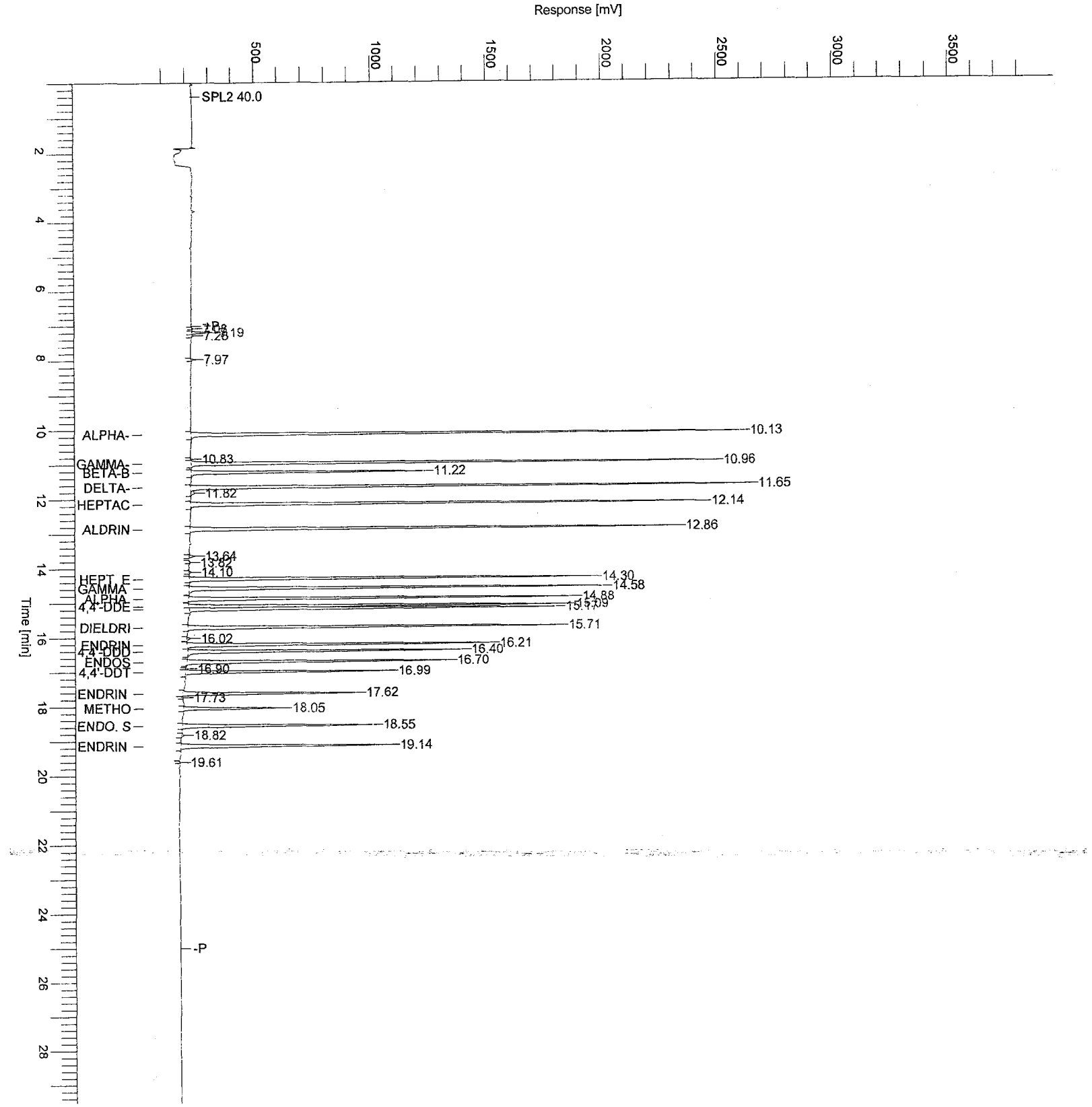


Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.13	BB	7075340	alpha-BHC	0.04349	2.37e+06	-13.0	10.08 -	10.18
10.96	VB	6916645	gamma-BHC	0.04615	2.26e+06	-7.7	10.91 -	11.01
11.22	BB	3181762	beta-BHC	0.04902	1.00e+06	-2.0	11.17 -	11.27
11.65	BE	7493547	delta-BHC	0.04744	2.41e+06	-5.1	11.60 -	11.70
12.14	BB	6882202	Heptachlor	0.04831	2.21e+06	-3.4	12.09 -	12.19
12.86	BB	6591060	Aldrin	0.04804	2.10e+06	-3.9	12.81 -	12.91
14.30	BB	5659834	Hept. epoxide	0.04698	1.74e+06	-6.0	14.25 -	14.35
14.58	BB	5777150	gamma chlordane	0.04591	1.79e+06	-8.2	14.53 -	14.63
14.88	BB	5377482	alpha chlordane	0.04573	1.66e+06	-8.5	14.83 -	14.93
15.09	BV	5041656	4,4'-DDE	0.04583	1.63e+06	-8.3	15.04 -	15.14
15.17	VB	5205129	Endosulfan I	0.04630	1.59e+06	-7.4	15.12 -	15.22
15.71	BB	5246573	Dieldrin	0.04617	1.60e+06	-7.7	15.66 -	15.76
16.21	BB	4427920	Endrin	0.04729	1.31e+06	-5.4	16.16 -	16.26
16.40	BB	3807610	4,4'-DDD	0.04693	1.18e+06	-6.1	16.35 -	16.45
16.70	BB	3824535	Endosulfan II	0.04604	1.12e+06	-7.9	16.65 -	16.75
16.99	VB	2825493	4,4'-DDT	0.04196	874576.69	-16.1	16.94 -	17.04
17.62	BB	2557374	Endrin aldehyde	0.04401	749427.37	-12.0	17.57 -	17.67
18.05	BB	1362447	Methoxychlor	0.04339	428357.68	-13.2	18.00 -	18.10
18.55	BB	2881617	Endo. Sulfate	0.04456	820193.79	-10.9	18.50 -	18.60
19.14	BB	3278140	Endrin ketone	0.04398	900703.51	-12.0	19.09 -	19.19
		95413517		0.91750	2.97e+07			

12-2-08

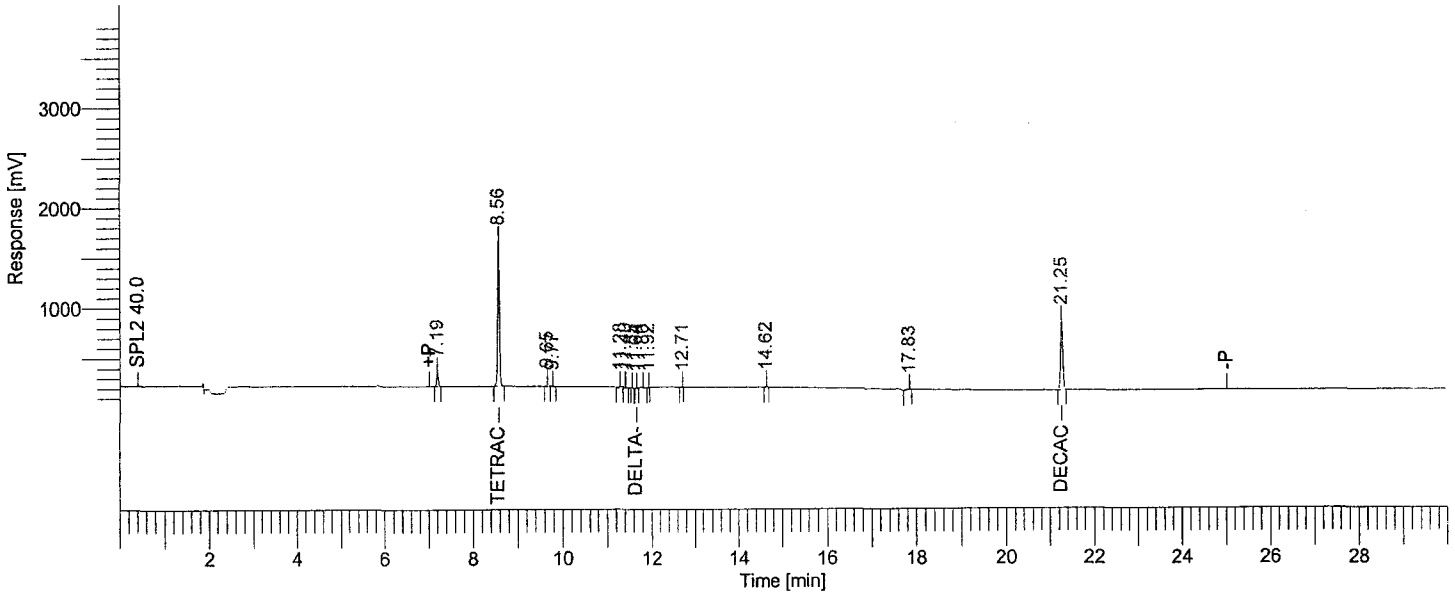
Chromatogram

Sample Name : ICM25ZU
Sample #: 0.05
Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29068.raw
Date : 12/02/2008 06:26:34
Method : 6890-6 bside ins
Time of Injection: 12/01/2008 16:52:41
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3810.
Plot Offset: 10.00 mV
Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:38
Reprocess Number	: buf1938: 87826		
Operator	: tchrom	Sample Name	: ICM3QM
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/69
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 17:29:04	Cycle	: 9

Raw Data File : H:\TURBO6\6890-06\6a29069.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29069.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29069.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29069.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08).mth from H:\TURBO6\6890-06\6a29069.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
8.56	BB	4332905	Tetrachloro-m-xy	0.04365	1.44e+06	-12.7	8.51 -	8.61
11.64	BV	23765	delta-BHC	4.26e-04	7919.79	-99.1	11.59 -	11.69
21.25	BB	2443501	Decachlorobiphen	0.04486	683669.95	-10.3	21.20 -	21.30
		6800170		0.08893	2.14e+06			

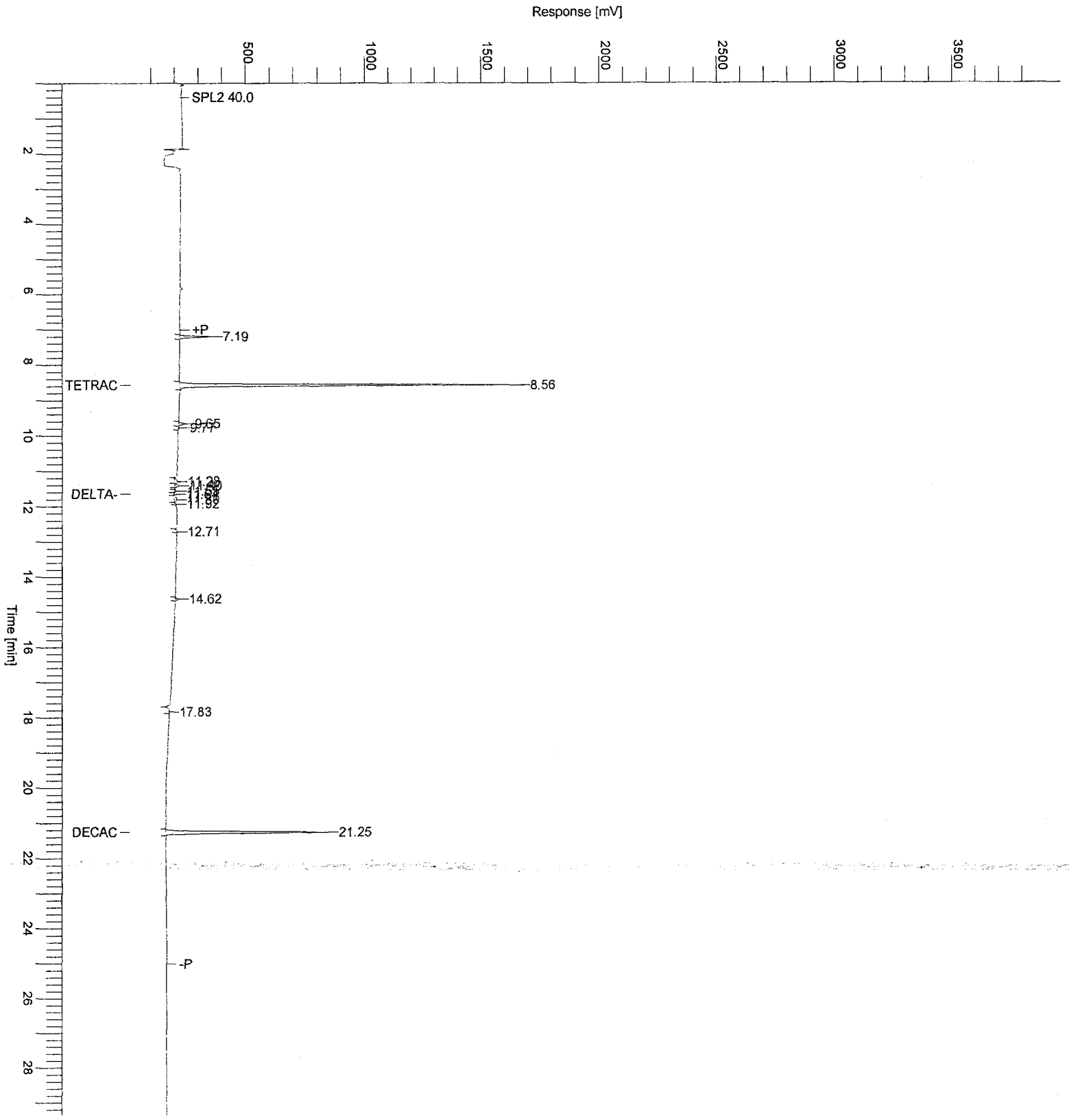
Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	10.079
gamma-BHC	10.916
beta-BHC	11.174
Heptachlor	12.093
Aldrin	12.806
Hept. epoxide	14.247
gamma chlordane	14.526
alpha chlordane	14.827
4,4'-DDE	15.047
Endosulfan I	15.123
Dieldrin	15.658
Endrin	16.161
4,4'-DDD	16.355

12-2-08 DLB

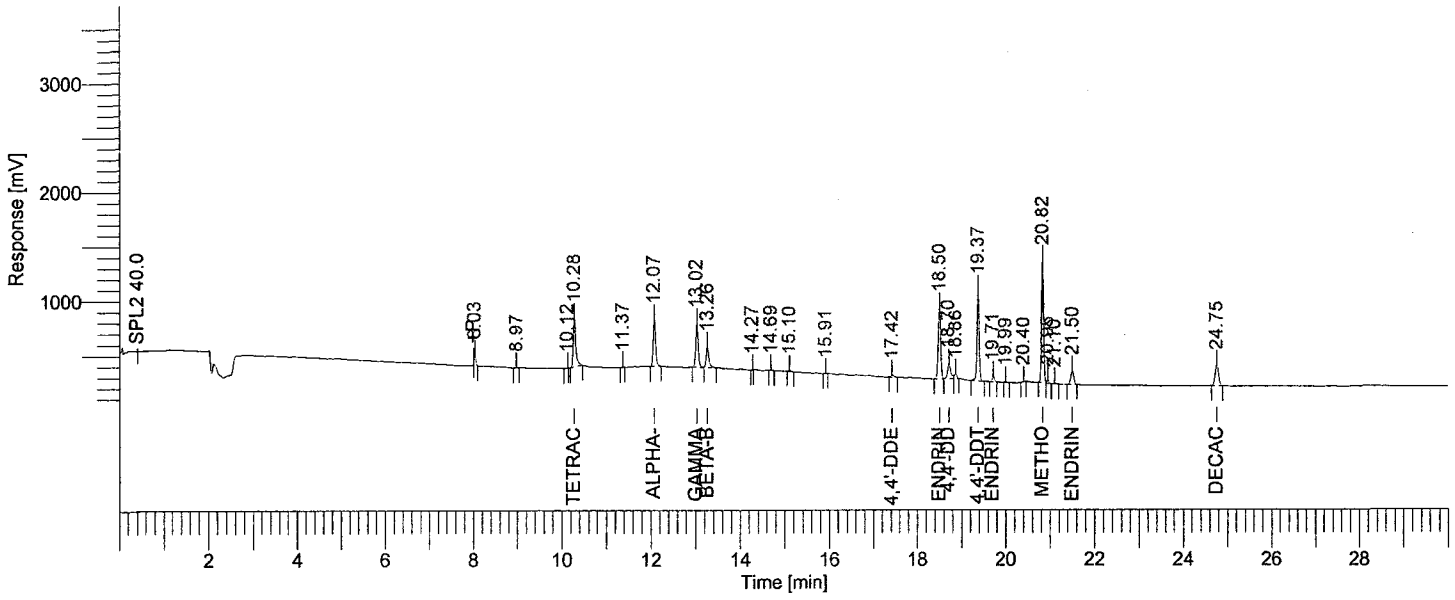
Chromatogram

Sample Name : ICM3QM Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29069.raw
Date : 12/02/2008 06:26:39
Method : 6890-6 bside ins Time of Injection: 12/01/2008 17:29:04
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 09:03:31
Reprocess Number	: buf1938: 87773		
Operator	: tchrom	Sample Name	: ICM1DA
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/54
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.98 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 07:37:19	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6b29054.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29054.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29054.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29054.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29054.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.03	204367		B	0.20437	83135.05
2	8.97	20131		B	0.02013	4602.79
3	10.12	8238		B	0.00824	1291.59
4	10.28	1915558	Tetrachloro-m-xylene	B	0.01617	445945.11
5	11.37	18295		B	0.01830	6306.06
6	12.07	1646412	alpha-BHC	B	0.00805	427644.80
7	13.02	1548763	gamma-BHC	B	0.00812	396837.12
8	13.26	803655	beta-BHC	V	0.00678	185509.33
10	14.69	32129		B	0.03213	9802.04
11	15.10	47494		B	0.04749	11800.00
12	15.91	10504		B	0.01050	3351.57
13	17.42	94496	4,4'-DDE	B	9.28e-04	21202.27
14	18.50	2470176	Endrin	B	0.03367	652399.84
15	18.70	721219	4,4'-DDD	V	0.00944	137999.74
16	18.86	172441		V	0.17244	42440.22
17	19.37	2914054	4,4'-DDT	B	0.06465	830313.56
18	19.71	178131	Endrin aldehyde	B	0.00333	47614.38
19	19.99	25390		B	0.02539	6363.91
20	20.40	32154		B	0.03215	8318.59
21	20.82	3805713	Methoxychlor	B	0.17154	1.12e+06

DDT 2.1.87
Endrin 23.34
12-2-08
DJB

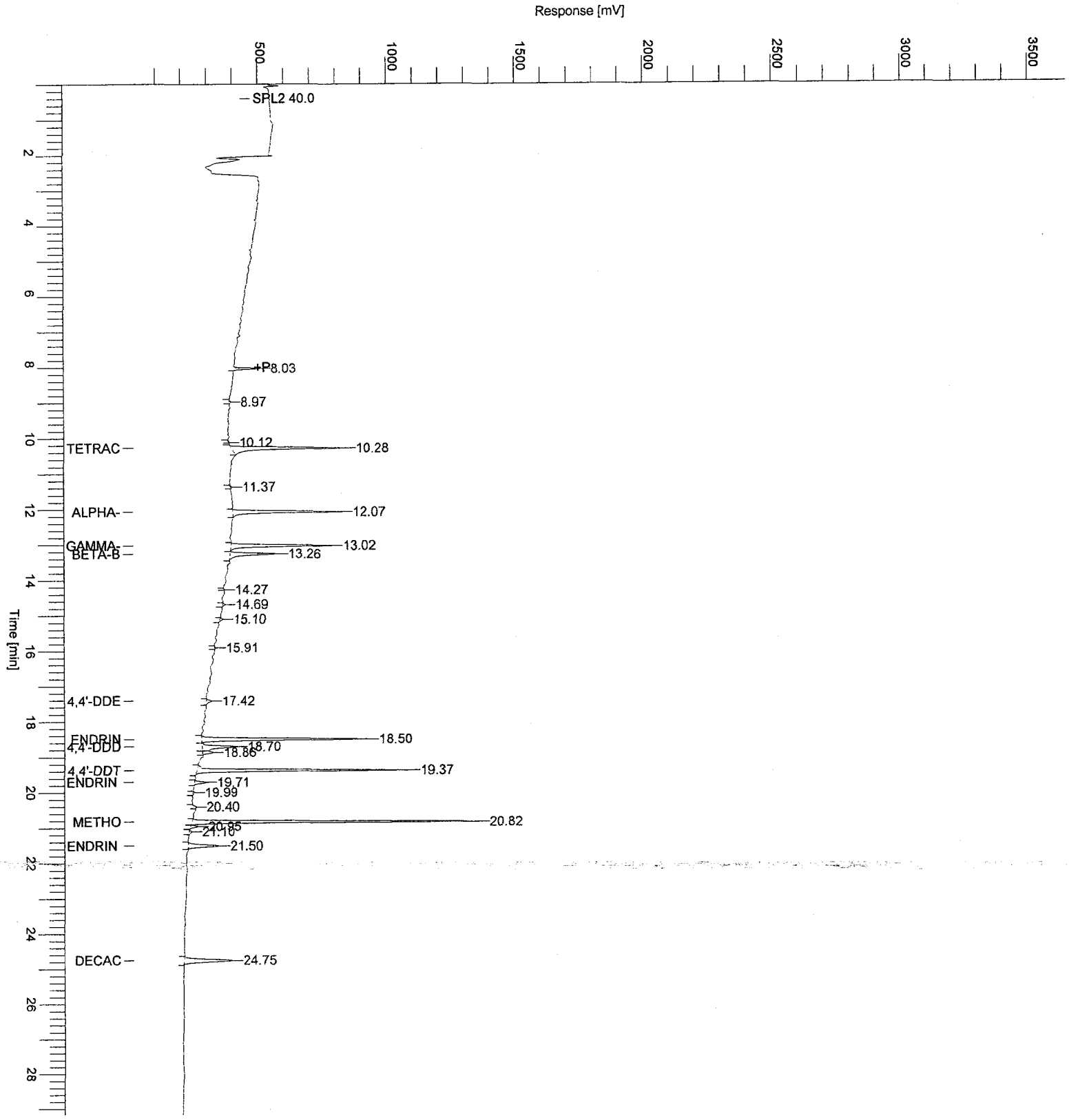
12/01/2008 09:03:31 Result: H:\TURBO6\6890-06\6b29054.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
22	20.95	109447		V	0.10945	30589.32
23	21.10	41258		B	0.04126	10428.53
24	21.50	574630	Endrin ketone	B	0.00901	124155.73
25	24.75	1027663	Decachlorobiphenyl	B	0.01654	189699.81
		18422318			1.07007	4.80e+06

Chromatogram

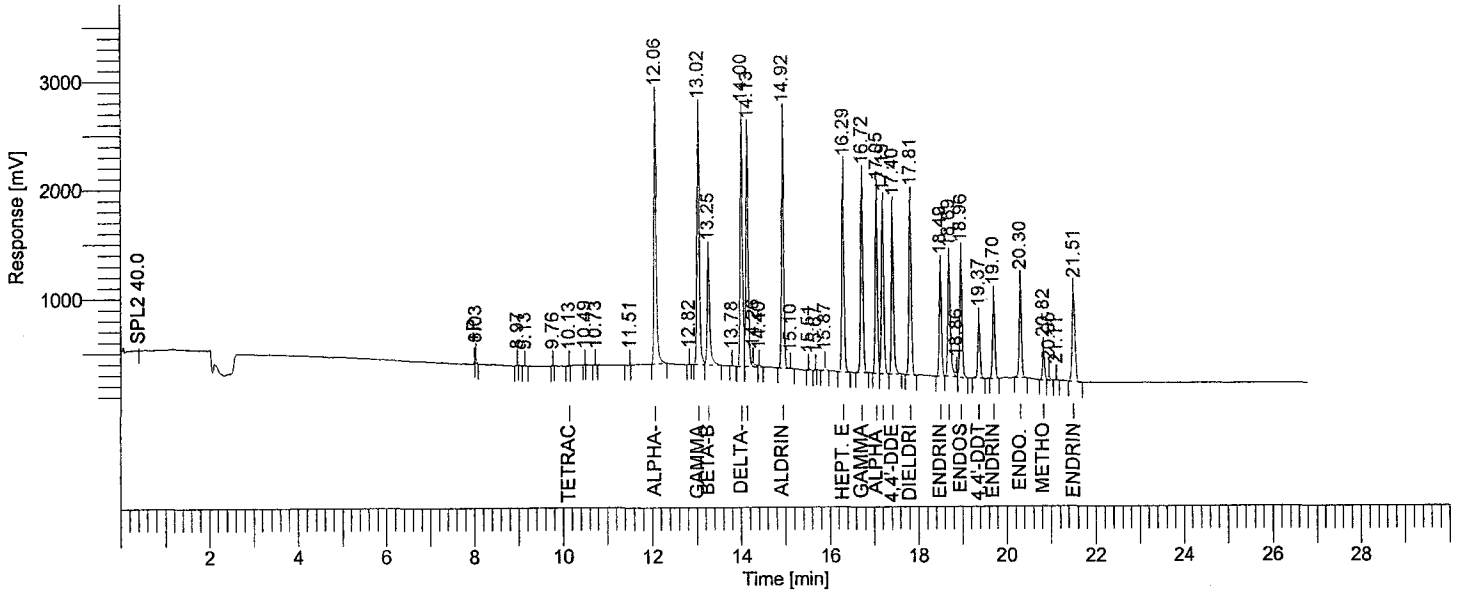
Sample Name : ICM1DA
Sample #:

FileName : H:\TURBO6\6890-06\6b29054.raw
Date : 12/01/2008 09:03:32
Method : 6890-6 bside ins
Time of Injection: 12/01/2008 07:37:19
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3510.
Plot Offset: 10.00 mV
Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 09:03:35
Reprocess Number	: buf1938: 87775		
Operator	: tchrom	Sample Name	: ICM25ZU
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/55
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 26.77 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 08:13:50	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6b29055.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29055.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29055.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29055.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29055.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.13	BB	11356	Tetrachloro-m-xy	2.9e-03	2250.22	-105.8	10.08 -	10.18
12.06	BB	8710735	alpha-BHC	0.04943	2.41e+06	-1.1	12.01 -	12.11
13.02	BV	8263871	gamma-BHC	0.05154	2.29e+06	3.1	12.97 -	13.07
13.25	VB	4107045	beta-BHC	0.05686	988789.89	13.7	13.20 -	13.30
14.00	BV	8529257	delta-BHC	0.05215	2.29e+06	4.3	13.95 -	14.05
14.13	VE	7564564	Heptachlor	0.05468	2.13e+06	9.4	14.08 -	14.18
14.92	BE	7818183	Aldrin	0.05477	2.29e+06	9.5	14.87 -	14.97
16.29	BB	6568867	Hept. epoxide	0.05185	1.84e+06	3.7	16.24 -	16.34
16.72	BB	6198934	gamma chlordane	0.05035	1.76e+06	0.7	16.67 -	16.77
17.05	BV	5621111	alpha chlordane	0.05010	1.63e+06	0.2	17.00 -	17.10
17.19	VB	5471287	Endosulfan I	0.05023	1.52e+06	0.5	17.14 -	17.24
17.40	BB	5462727	4,4'-DDE	0.04984	1.49e+06	-0.3	17.35 -	17.45
17.81	BB	5676573	Dieldrin	0.05028	1.59e+06	0.6	17.76 -	17.86
18.49	BB	3546213	Endrin	0.04747	970115.94	-5.1	18.44 -	18.54
18.69	BE	4095627	4,4'-DDD	0.05166	1.03e+06	3.3	18.64 -	18.74
18.96	VB	4172534	Endosulfan II	0.05254	1.09e+06	5.1	18.91 -	19.01
19.37	BB	1821148	4,4'-DDT	0.04312	509283.22	-13.8	19.32 -	19.42
19.70	BB	2722546	Endrin aldehyde	0.05085	710013.57	1.7	19.65 -	19.75
20.30	BB	3238690	Endo. Sulfate	0.05032	844801.77	0.6	20.25 -	20.35
20.82	BV	886360	Methoxychlor	0.04404	252188.97	-11.9	20.77 -	20.87
21.51	BB	3425160	Endrin ketone	0.04917	808319.92	-1.7	21.46 -	21.56
		1e+08		1.00839	2.84e+07			

12-1-08 DLB

Chromatogram

Sample Name : ICM25ZU Sample #: 0.05 Page 1 of 1

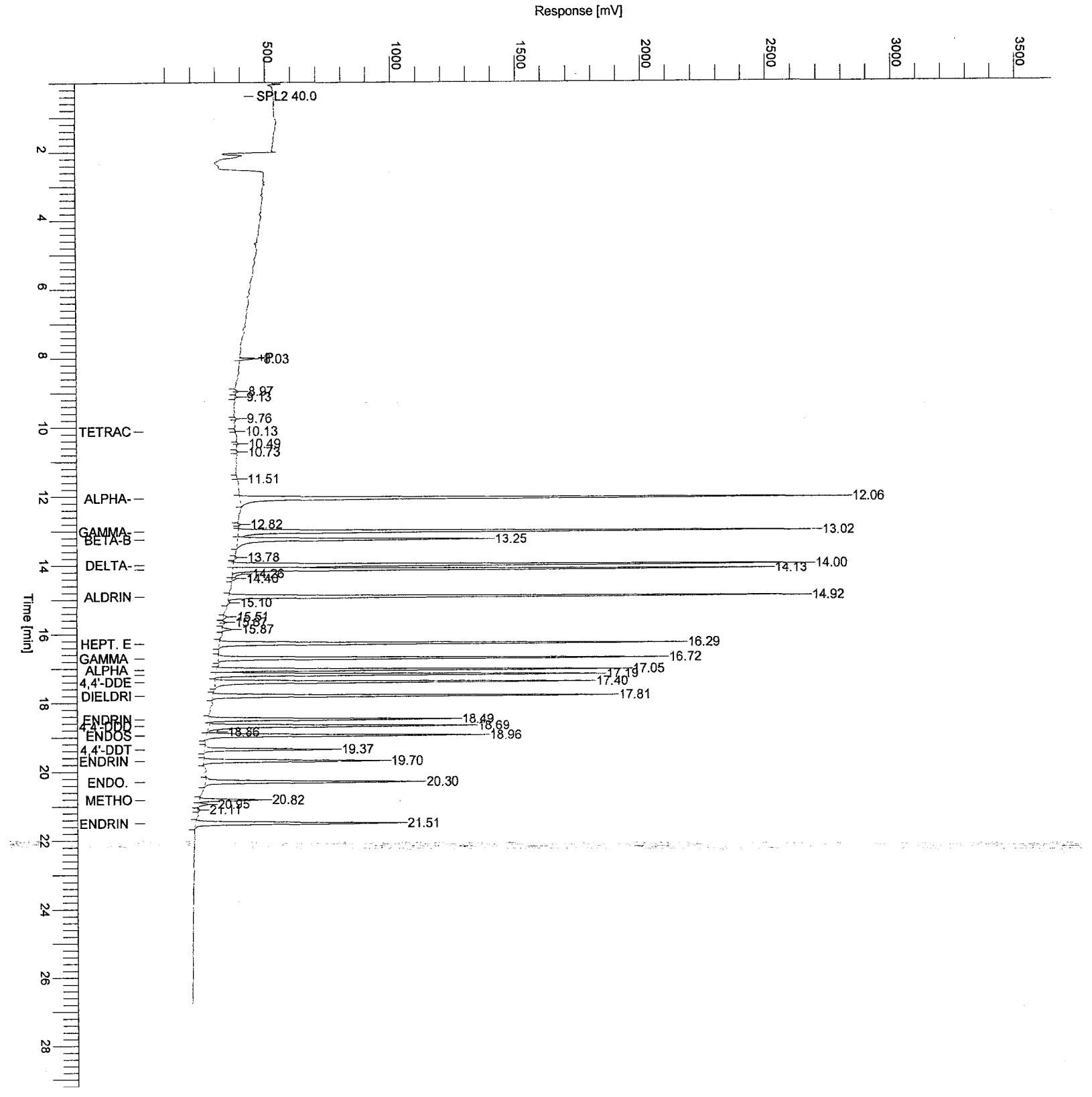
FileName : H:\TURBO6\6890-06\6b29055.raw

Date : 12/01/2008 09:03:36

Method : 6890-6 bside ins Time of Injection: 12/01/2008 08:13:50

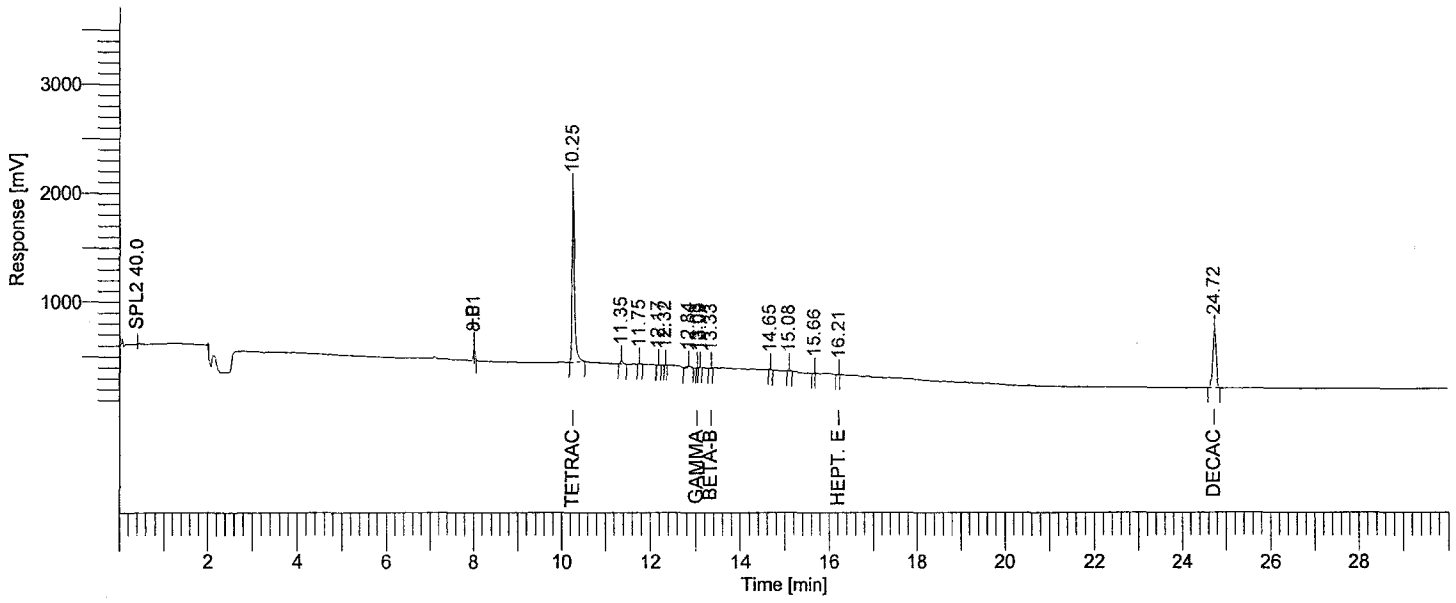
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.

Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 12:45:23
Reprocess Number	: buf1938: 87779		
Operator	: tchrom	Sample Name	: ICM3QM
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/56
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.97 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 09:34:55	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6b29056.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29056.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29056.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29056.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29056.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.25	BB	6123517	Tetrachloro-m-xy	0.05825	1.59e+06	16.5	10.20 -	10.30
13.03	BV	~~12136~~	~~gamma-BHC~~	~~-1.8e-03~~	~~5378.26~~	~~-103.8~~	12.98 -	13.08
13.33	BB	17072	beta-BHC	-5.1e-03	3968.30	-110.3	13.28 -	13.38
16.21	BB	7513	~~Hept. epoxide~~	~~1.4e-03~~	1700.92	-102.9	16.16 -	16.26
24.72	BB	2887792	Decachlorobiphen	0.05054	525051.57	1.1	24.67 -	24.77
		9048029		0.10040	2.13e+06			

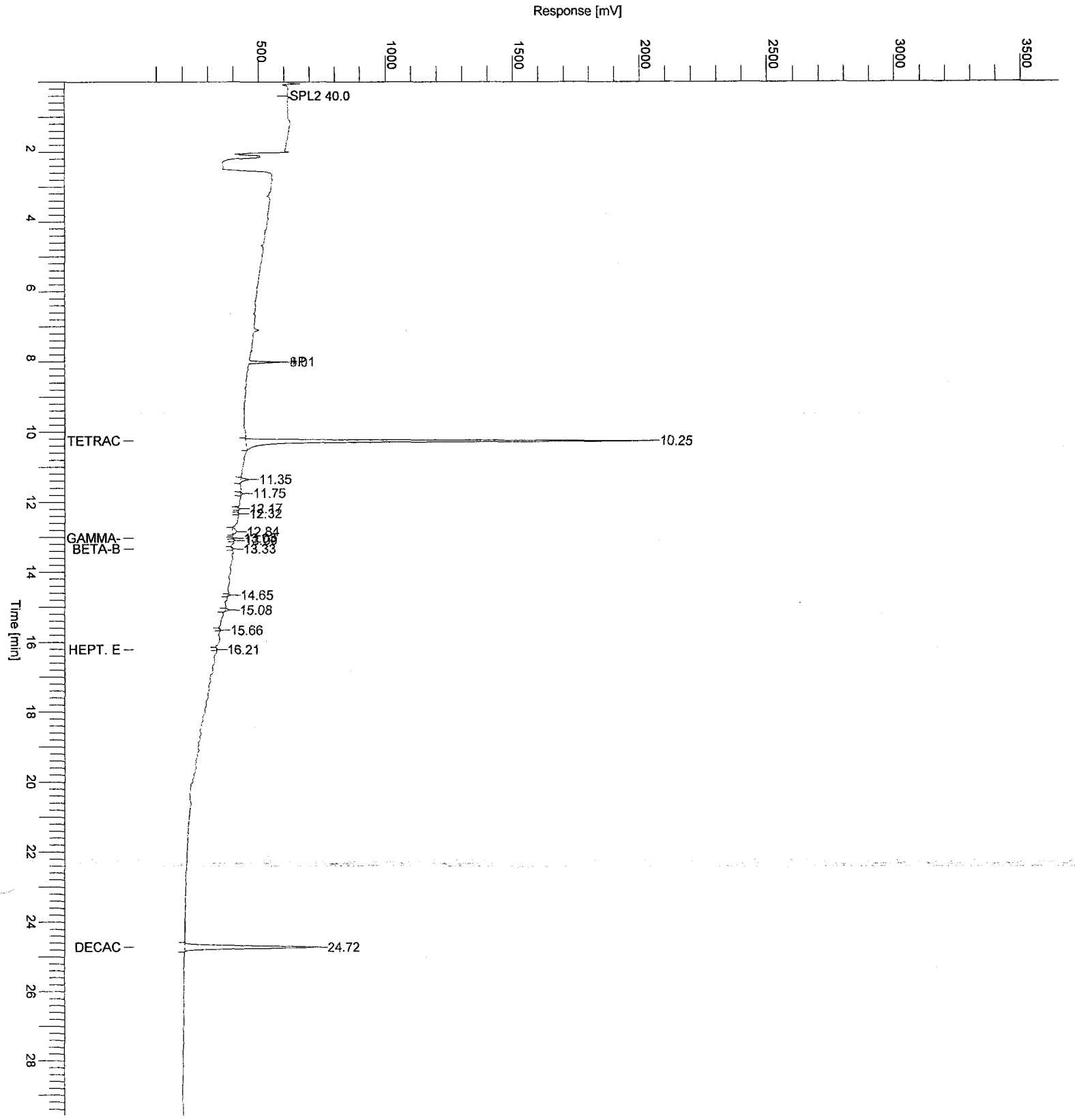
Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	12.063
delta-BHC	13.997
Heptachlor	14.129
Aldrin	14.922
gamma chlordane	16.715
alpha chlordane	17.048
Endosulfan I	17.190
4,4'-DDE	17.404
Dieldrin	17.808
Endrin	18.493
4,4'-DDD	18.686

12-1-08 RJB

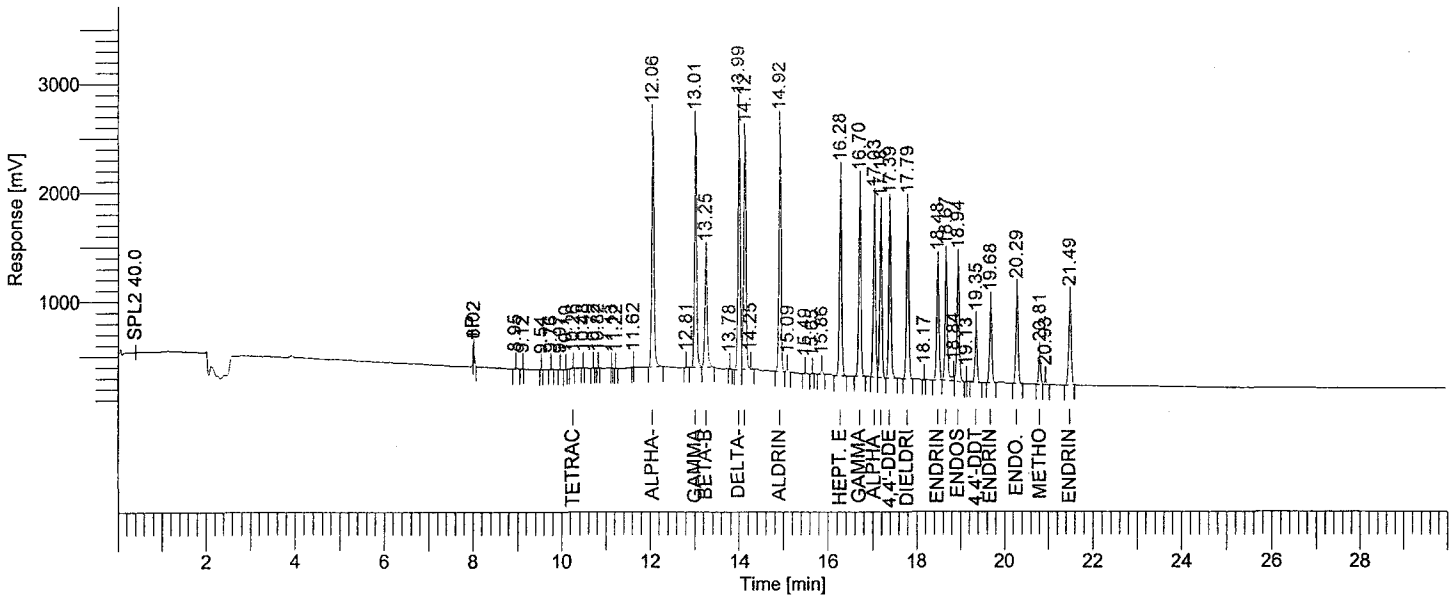
Chromatogram

Sample Name : ICM3QM Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29056.raw
Date : 12/01/2008 12:45:23
Method : 6890-6 bside ins Time of Injection: 12/01/2008 09:34:55
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:36
Reprocess Number	: buf1938: 87825		
Operator	: tchrom	Sample Name	: ICM25ZU
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/68
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.96 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 16:52:41	Cycle	: 8

Raw Data File : H:\TURBO6\6890-06\6b29068.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29068.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29068.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29068.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29068.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq

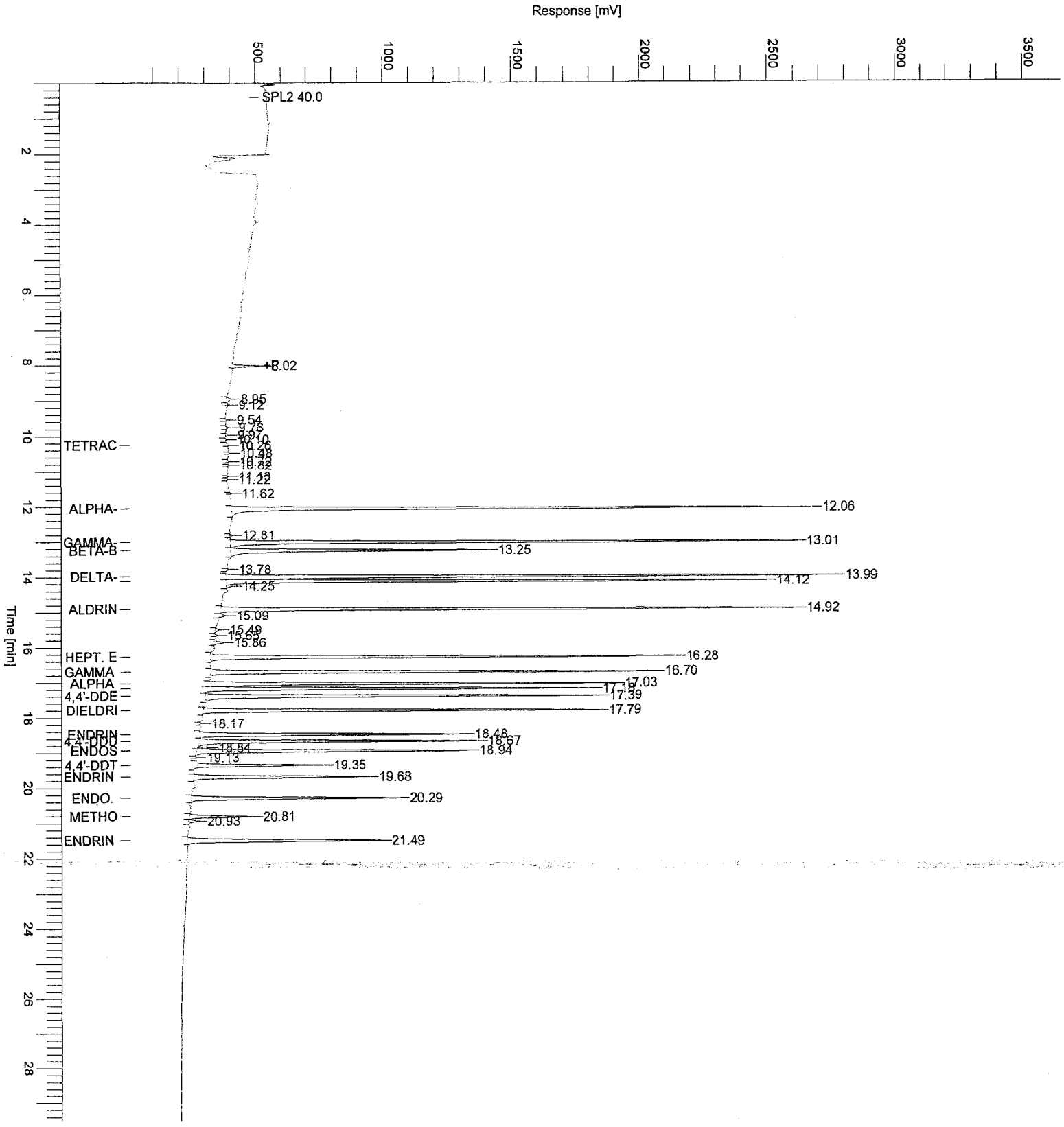


Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.26	BB	17921	Tetrachloro-m-xy	-2.8e-03	3561.83	-105.6	10.21 -	10.31
12.06	BB	7946884	alpha-BHC	0.04496	2.27e+06	-10.1	12.01 -	12.11
13.01	VV	7729225	gamma-BHC	0.04808	2.21e+06	-3.8	12.96 -	13.06
13.25	VB	3826893	beta-BHC	0.05261	1.01e+06	5.2	13.20 -	13.30
13.99	BV	8591724	delta-BHC	0.05254	2.38e+06	5.1	13.94 -	14.04
14.12	VE	7280195	Heptachlor	0.05259	2.11e+06	5.2	14.07 -	14.17
14.92	BV	7664149	Aldrin	0.05365	2.25e+06	7.3	14.87 -	14.97
16.28	BB	6459158	Hept. epoxide	0.05096	1.82e+06	1.9	16.23 -	16.33
16.70	BB	6024393	gamma chlordane	0.04892	1.74e+06	-2.2	16.65 -	16.75
17.03	BV	5512258	alpha chlordane	0.04912	1.59e+06	-1.8	16.98 -	17.08
17.18	VB	5355110	Endosulfan I	0.04915	1.51e+06	-1.7	17.13 -	17.23
17.39	BB	5349709	4,4'-DDE	0.04881	1.54e+06	-2.4	17.34 -	17.44
17.79	BB	5537387	Dieldrin	0.04904	1.55e+06	-1.9	17.74 -	17.84
18.48	BB	3790649	Endrin	0.05061	1.04e+06	1.2	18.43 -	18.53
18.67	BE	4023549	4,4'-DDD	0.05076	1.09e+06	1.5	18.62 -	18.72
18.94	VB	4018534	Endosulfan II	0.05061	1.07e+06	1.2	18.89 -	18.99
19.35	BB	1751938	4,4'-DDT	0.04175	505245.20	-16.5	19.30 -	19.40
19.68	BB	2612122	Endrin aldehyde	0.04878	687023.51	-2.4	19.63 -	19.73
20.29	BB	3018536	Endo. Sulfate	0.04688	816560.67	-6.2	20.24 -	20.34
20.81	BV	871138	Methoxychlor	0.04337	249098.39	-13.3	20.76 -	20.86
21.49	BB	3106476	Endrin ketone	0.04468	758755.87	-10.6	21.44 -	21.54
		1e+08		0.97506	2.82e+07			

12-2-08 DJB

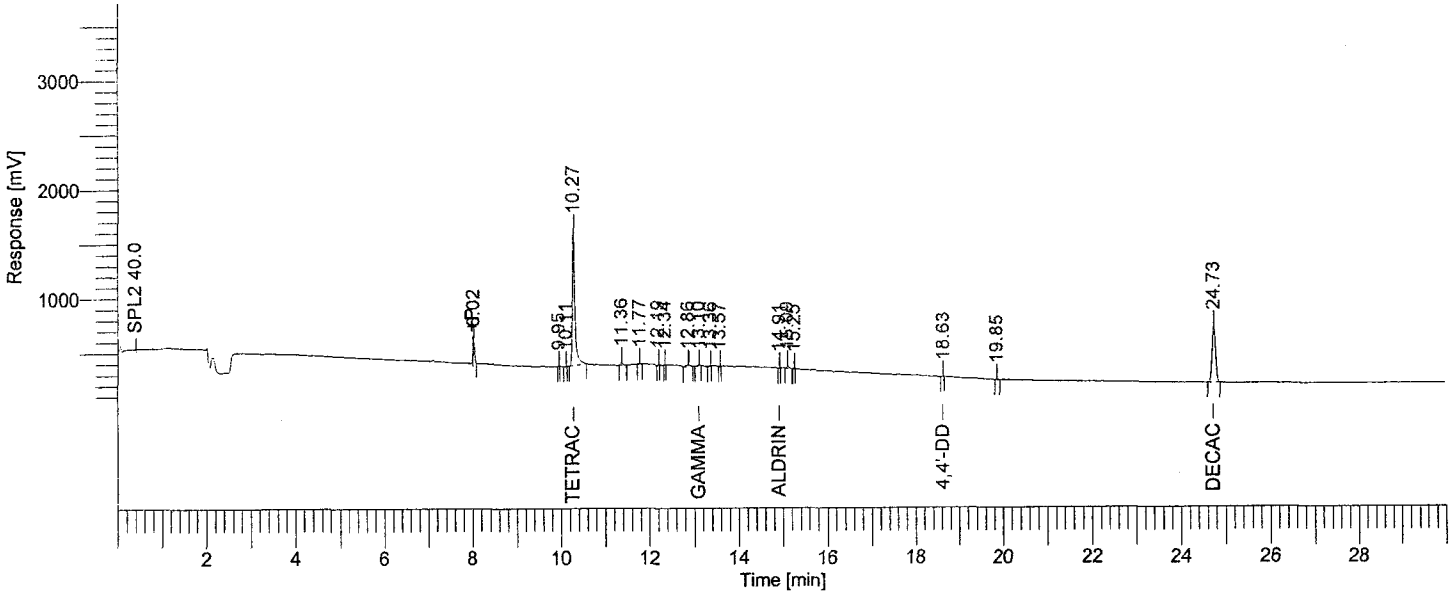
Chromatogram

Sample Name : ICM25ZU Sample #: 0.05 Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29068.raw
Date : 12/02/2008 06:26:37
Method : 6890-6 bside ins Time of Injection: 12/01/2008 16:52:41
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.
Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:40
Reprocess Number	: buf1938: 87827		
Operator	: tchrom	Sample Name	: ICM3QM
Sample Number	: 0.05	Study	: CCV
AutoSampler	: BUILT-IN	Rack/Vial	: 1/69
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.95 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 3000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 17:29:04	Cycle	: 9

Raw Data File : H:\TURBO6\6890-06\6b29069.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29069.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29069.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29069.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29069.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.27	BB	5066365	Tetrachloro-m-xy	0.04768	1.25e+06	-4.6	10.22 -	10.32
13.10	BB	31356	gamma-BHC	-1.7e-03	5611.89	-103.4	13.05 -	13.15
14.91	BB	3534	Aldrin	-2.4e-03	1753.65	-104.9	14.86 -	14.96
18.63	BB	6663	4,4'-DDD	5.01e-04	1628.20	-99.0	18.58 -	18.68
24.73	BB	2815443	Decachlorobiphen	0.04922	515449.56	-1.6	24.68 -	24.78
		7923360		0.09327	1.77e+06			

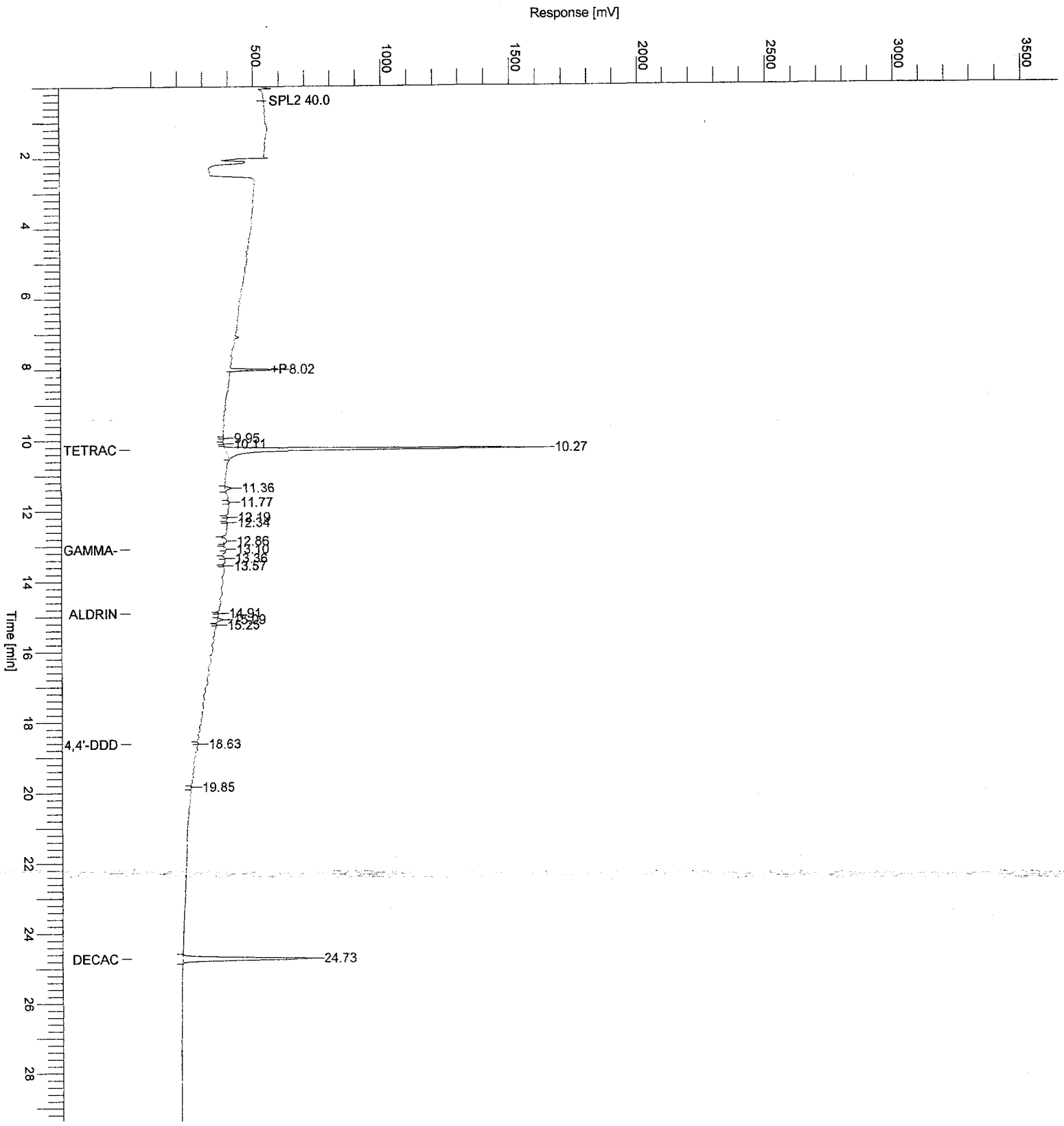
Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	12.063
beta-BHC	13.254
delta-BHC	13.997
Heptachlor	14.129
Hept. epoxide	16.287
gamma chlordane	16.715
alpha chlordane	17.048
Endosulfan I	17.190
4,4'-DDE	17.404
Dieldrin	17.808
Endrin	18.493

12-2-08

Chromatogram

Sample Name : ICM3QM
Sample #: 0.05
Page 1 of 1
FileName : H:\TURBO6\6890-06\6b29069.raw
Date : 12/02/2008 06:26:41
Method : 6890-6 bside ins
Time of Injection: 12/01/2008 17:29:04
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3510.
Plot Offset: 10.00 mV
Plot Scale: 3500.0 mV



Raw QC Data

OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

Method Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8B2551203

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 6A29060.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

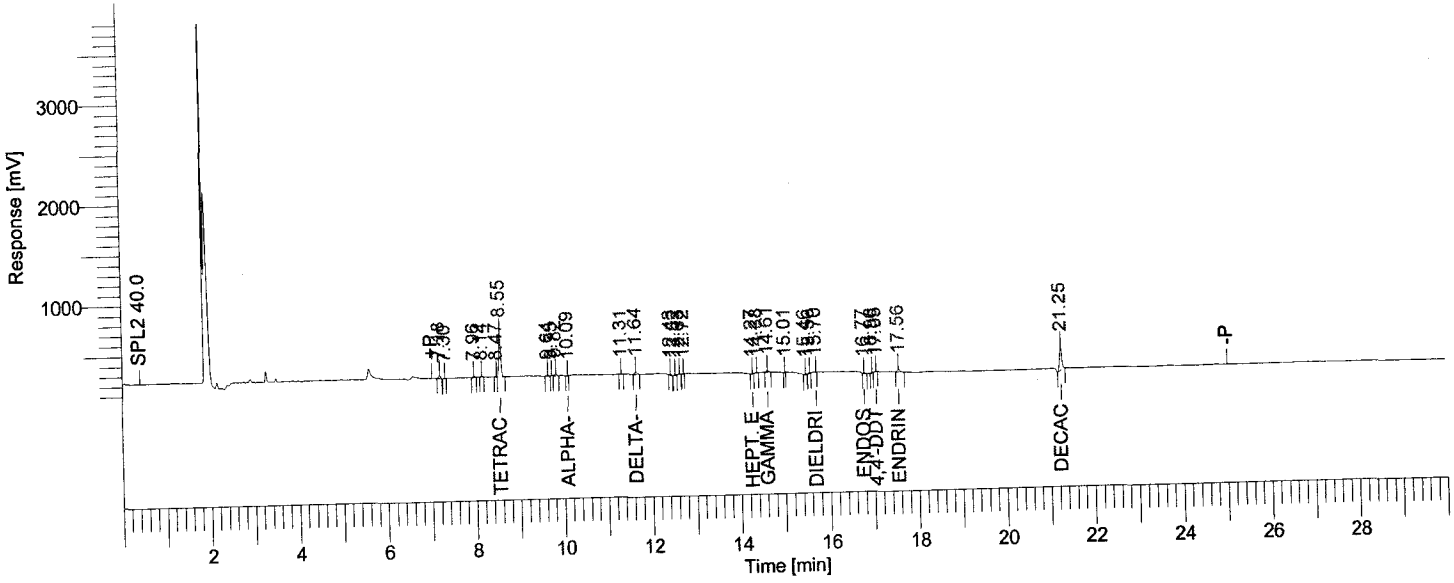
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U

Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 12:45:41
Reprocess Number	: buf1938: 87786		
Operator	: tchrom	Sample Name	: AW80021205MBLK
Sample Number	: A8B2551203	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/60
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.96 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 12:00:49	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6a29060.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29060.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29060.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29060.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29060.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.18	86856		B	0.08686	33060.02
2	7.30	9874		B	0.00987	2225.04
3	7.96	31591		B	0.03159	8881.91
4	8.14	19382		B	0.01938	7469.67
5	8.47	12994		B	0.01299	6424.79
6	8.55	1310258	Tetrachloro-m-xylene	V	0.01185	430434.21
7	9.64	39412		B	0.03941	11902.93
8	9.73	14436		V	0.01444	5227.13
9	9.82	58644		V	0.05864	17795.47
10	10.09	6918	~~alpha-BHC~~	B	-5.7e-05	2125.63
11	11.31	19211		B	0.01921	6821.74
12	11.64	76759	~~delta-BHC~~	B	7.60e-04	22100.19
13	12.43	38362		B	0.03836	13194.54
14	12.52	45208		B	0.04521	14955.40
15	12.63	32786		V	0.03279	8526.69
16	12.72	8035		B	0.00804	2701.25
17	14.27	18056	~~Hept. epoxide~~	B	-7.5e-04	7313.03
18	14.38	16093		B	0.01609	2599.87
19	14.61	58677	~~gamma-chlordane~~	B	9.55e-04	17022.14
21	15.46	25487		B	0.02549	10047.03
22	15.56	29135		B	0.02914	10046.71
23	15.70	31132	~~Dieldrin~~	V	2.58e-04	2075.08

12-2-08
JSB

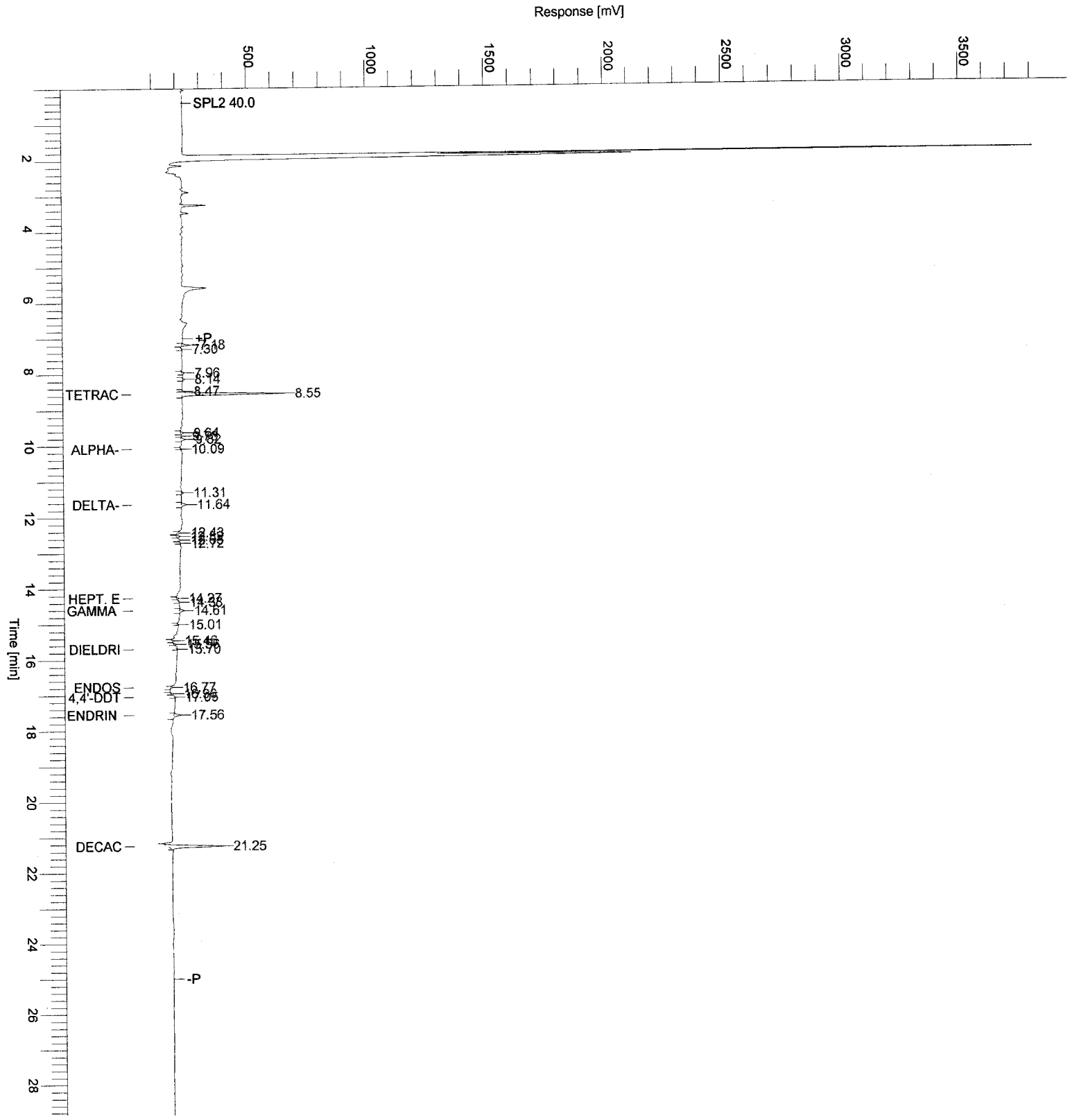
12/01/2008 12:45:41 Result: H:\TURBO6\6890-06\6a29060.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
24	16.77	20950	Endosulfan II	B	-5.3e-04	8045.45
25	16.96	23659		B	0.02366	9798.99
26	17.05	18250	4,4'-DDT	V	0.00426	3837.56
27	17.56	104164	Endrin aldehyde	B	2.07e-04	28818.52
28	21.25	869601	Decachlorobiphenyl	B	0.01433	231119.09
		3025932			0.54246	924570.07

Chromatogram

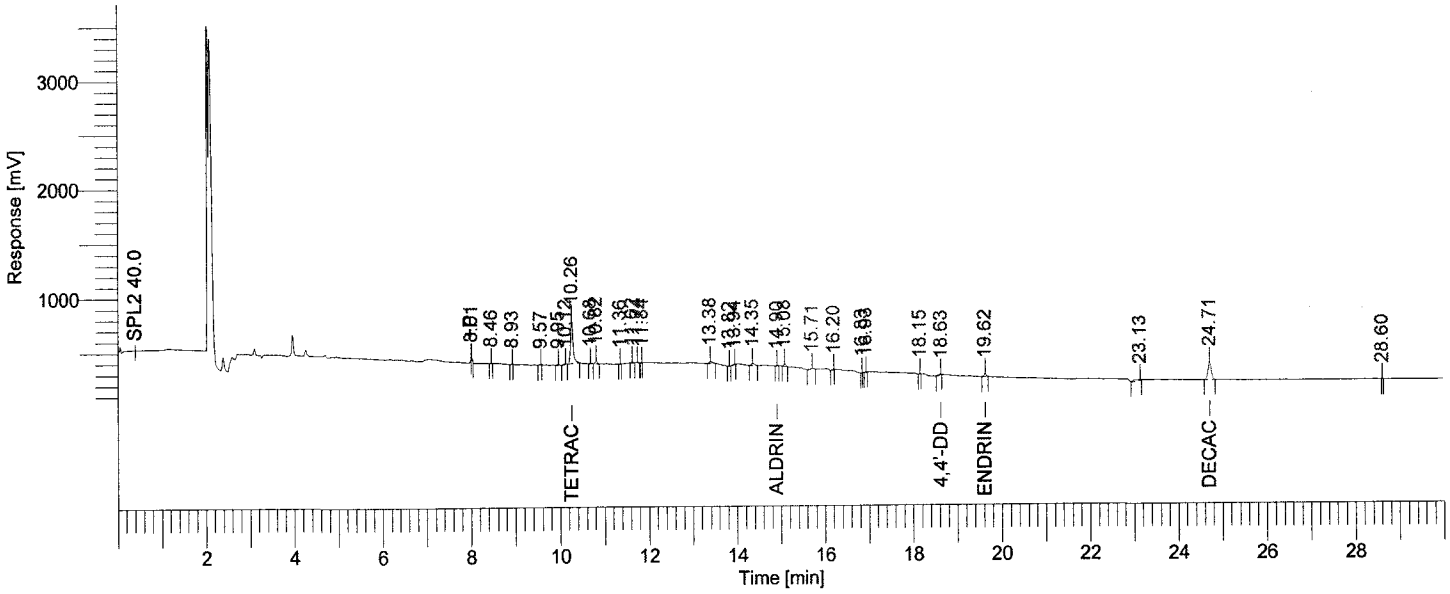
Sample Name : AW80021205MBLK
Sample #: A8B2551203
Page 1 of

FileName : H:\TURBO6\6890-06\6a29060.raw
Date : 12/01/2008 12:45:42
Method : 6890-6 bside ins
Time of Injection: 12/01/2008 12:00:49
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3810.
Plot Offset: 10.00 mV
Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 12:45:43
Reprocess Number	: buf1938: 87787		
Operator	: tchrom	Sample Name	: AW80021205MBLK
Sample Number	: A8B2551203	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/60
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.96 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 12:00:49	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6b29060.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29060.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29060.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29060.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29060.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.01	21473		B	0.02147	11866.61
2	8.46	6893		B	0.00689	2201.43
5	9.95	22882		B	0.02288	5457.95
6	10.12	42711		B	0.04271	9459.27
7	10.26	1600678	Tetrachloro-m-xylene	V	0.01302	395142.38
8	10.68	22916		B	0.02292	7291.94
9	10.82	89381		V	0.08938	28552.90
11	11.62	32814		B	0.03281	9645.13
12	11.74	34515		V	0.03452	11283.16
14	13.38	81809		B	0.08181	15894.52
15	13.82	9804		B	0.00980	3855.57
16	13.94	15950		B	0.01595	2962.49
17	14.35	89296		B	0.08930	19416.09
18	14.90	14372	~~Aldrin~~	B	-2.4e-03	5659.39
19	15.08	69642		B	0.06964	22406.05
20	15.71	51096		B	0.05110	9848.66
21	16.20	10546		B	0.01055	2177.85
23	16.93	6892		B	0.00689	3273.75

12/01/2008 12:45:43 Result: H:\TURBO6\6890-06\6b29060.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	18.63	25899	4,4'-DDD	B	7.42e-04	2891.67
26	19.62	85822	Endrin aldehyde	B	0.00160	26668.46
27	23.13	113067		B	0.11307	3357.70
28	24.71	850130	Decachlorobiphenyl	B	0.01329	159828.47
		3298586			0.74797	759141.44

Chromatogram

Sample Name : AW80021205MBLK Sample #: A8B2551203 Page 1 of

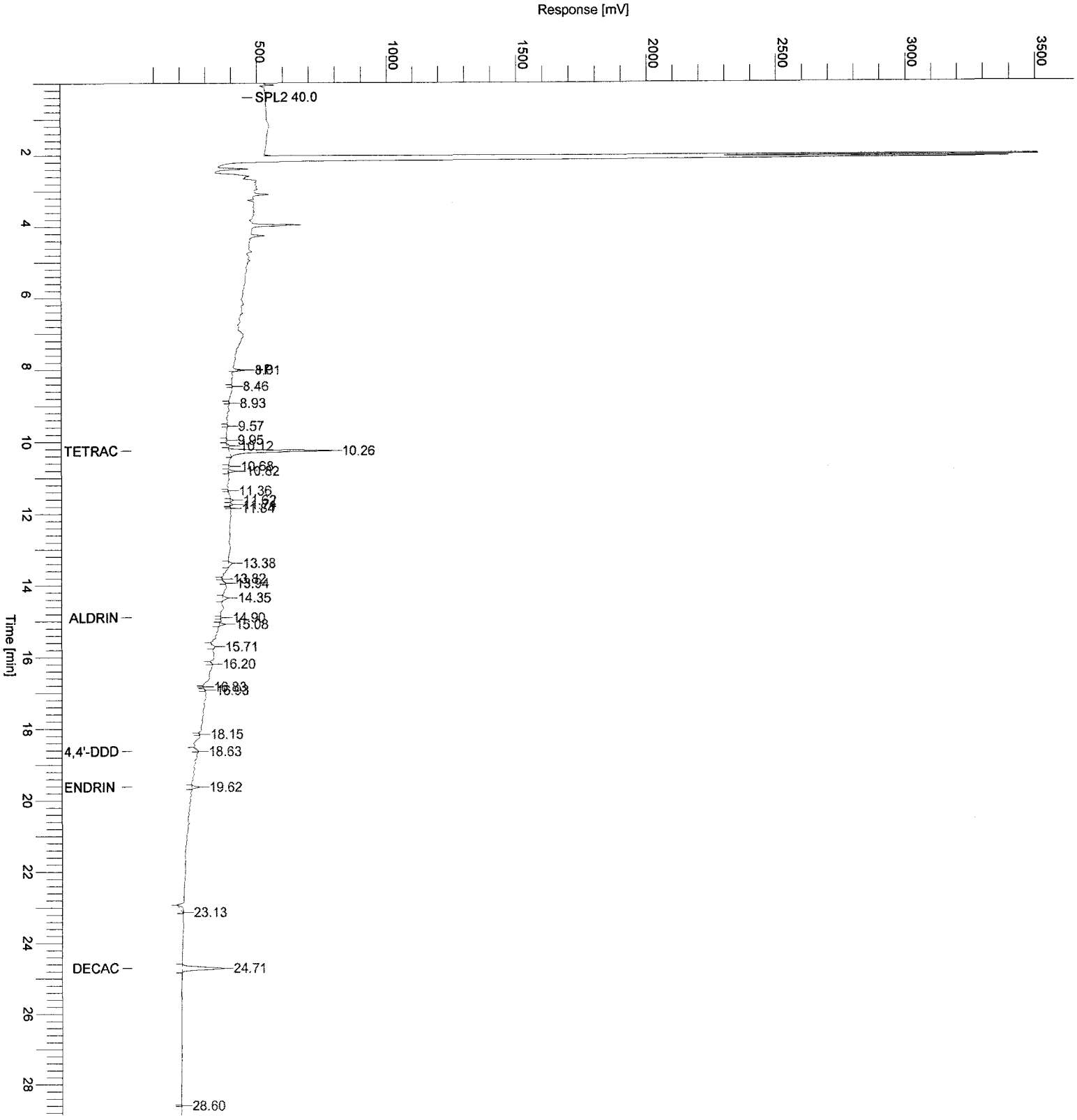
FileName : H:\TURBO6\6890-06\6b29060.raw

Date : 12/01/2008 12:45:44

Method : 6890-6 bside ins Time of Injection: 12/01/2008 12:00:49

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.

Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8B2551201

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 6A29059.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: _____ _____

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

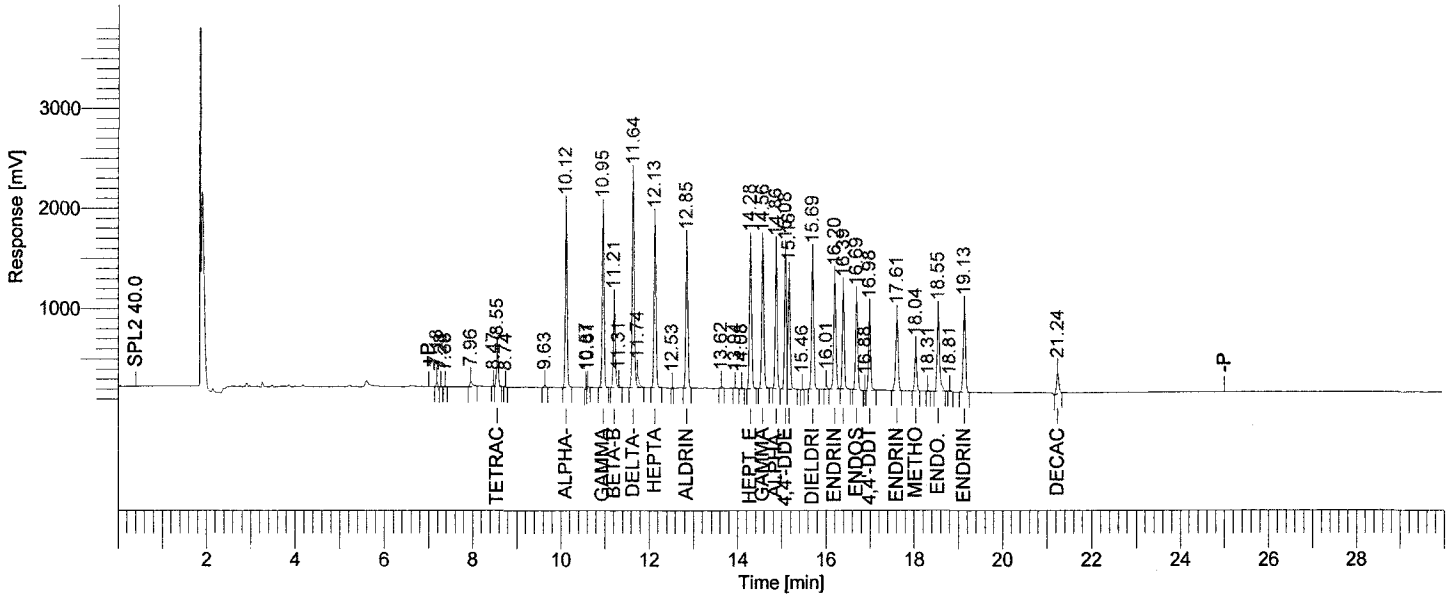
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.32	
319-85-7	beta-BHC	0.40	
319-86-8	delta-BHC	0.42	
58-89-9	gamma-BHC (Lindane)	0.35	

Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 11:24:04
Operator	: tchrom	Sample Name	: AW80021204MSB
Sample Number	: A8B2551201	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/59
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.94 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 11:24:13	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6a29059.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29059.rst [Editing in Progress]
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29059.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29059.rst [Editing in Progress]
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29059.rst [Editing in Progress]
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

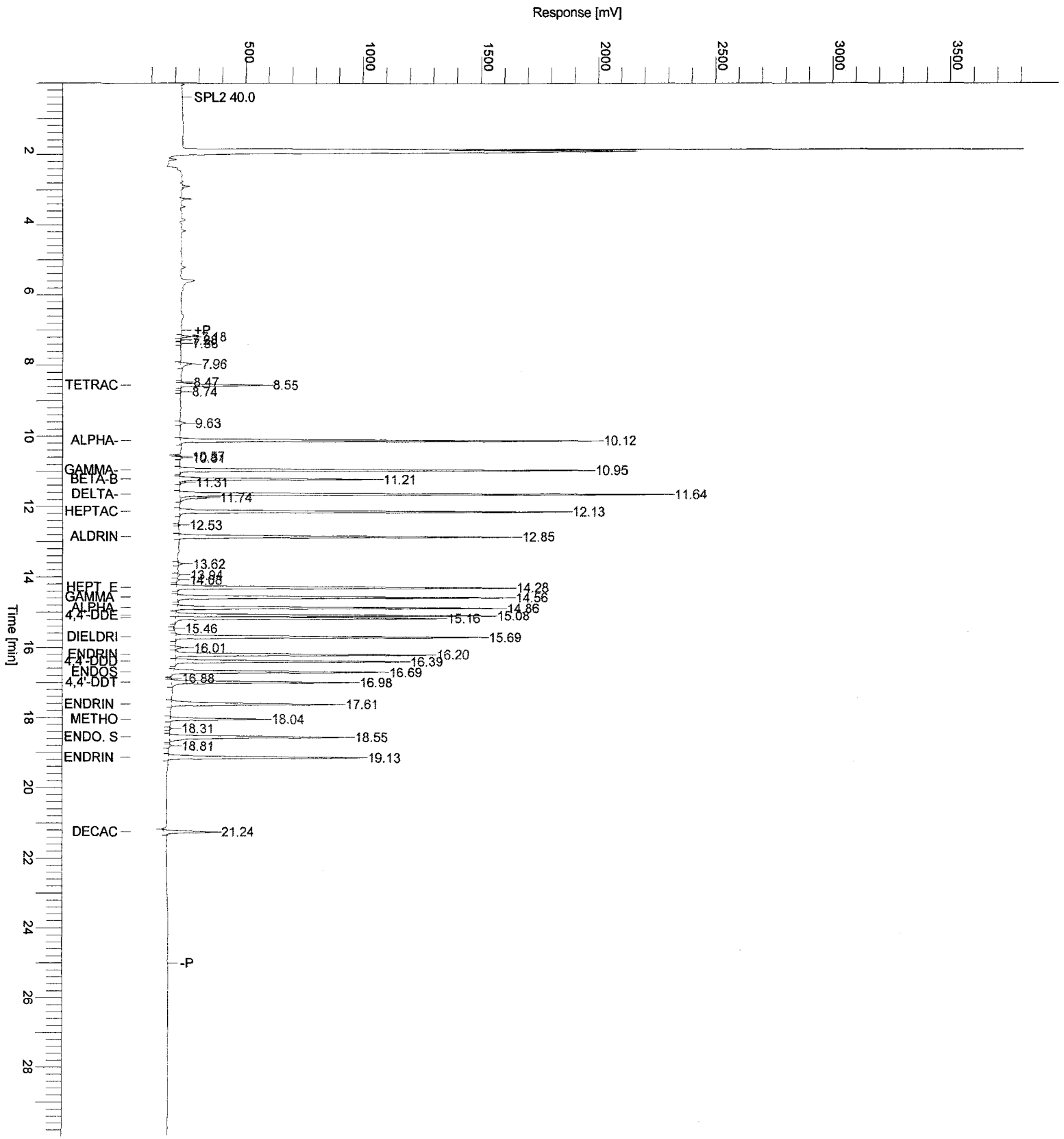
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.18	108122		B	0.10812	42071.64
2	7.28	9774		B	0.00977	4168.52
3	7.38	16937		B	0.01694	6860.88
4	7.96	197985		B	0.19798	45514.64
5	8.47	20498		B	0.02050	9153.87
6	8.55	1070532	Tetrachloro-m-xylene	V	0.00933	349143.79
7	8.74	11810		B	0.01181	4479.35
8	9.63	67883		B	0.06788	21496.06
9	10.12	5256098	alpha-BHC	B	0.03228	1.76e+06
10	10.57	47320		B	0.04732	23783.82
11	10.61	56653		V	0.05665	18220.48
12	10.95	5288954	gamma-BHC	B	0.03524	1.73e+06
13	11.21	2636355	beta-BHC	B	0.04032	824983.22
14	11.31	59279		E	0.05928	20666.41
15	11.64	6580620	delta-BHC	B	0.04169	2.06e+06
16	11.74	404811		E	0.40481	114206.40
17	12.13	5085797	Heptachlor	B	0.03546	1.63e+06
19	12.85	4489391	Aldrin	B	0.03247	1.42e+06
20	13.62	53105		B	0.05311	17760.41
21	13.94	47165		B	0.04717	11975.51
22	14.08	38125		V	0.03812	10745.80
23	14.28	4549834	Hept. epoxide	B	0.03759	1.40e+06
24	14.56	4516665	gamma chlordane	B	0.03600	1.39e+06

12-2-08
JYB

12/02/2008 11:24:04 Result: H:\TURBO6\6890-06\6a29059.rst

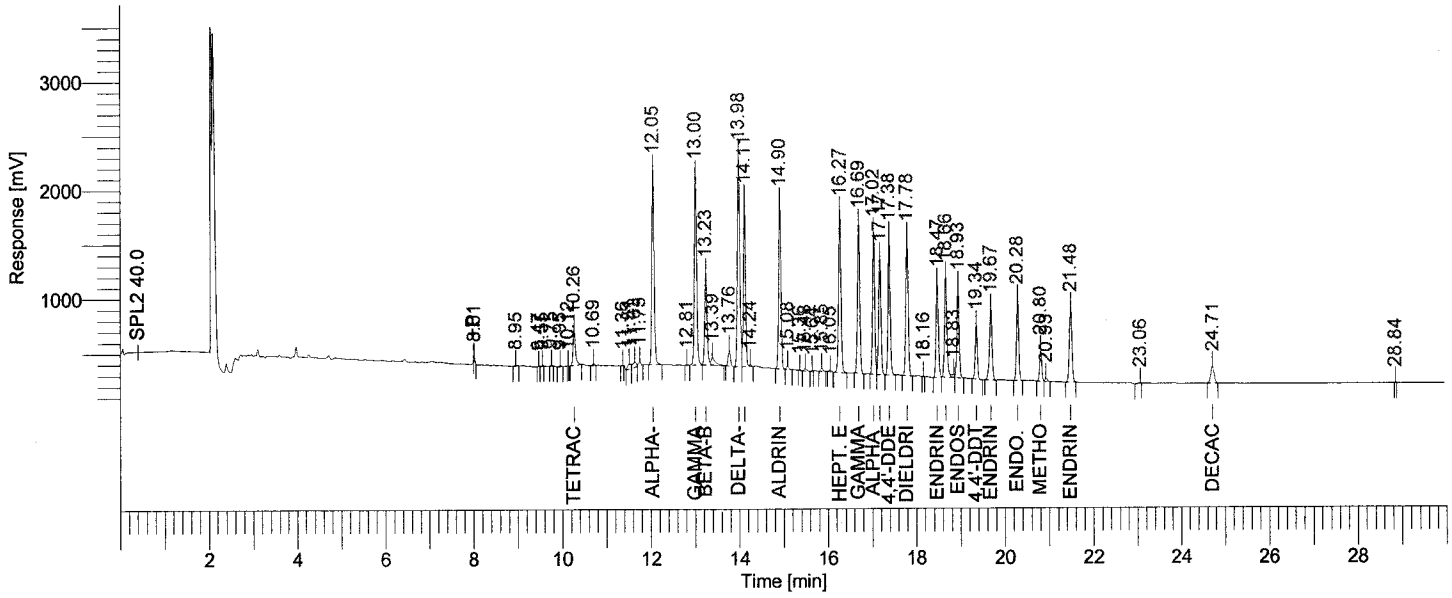
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	14.86	4348501	alpha chlordane	B	0.03700	1.36e+06
26	15.08	4091205	4,4'-DDE	B	0.03734	1.32e+06
27	15.16	3693713	Endosulfan I	V	0.03261	1.11e+06
28	15.46	11712		B	0.01171	4508.89
29	15.69	4293264	Dieldrin	B	0.03778	1.29e+06
30	16.01	105496		B	0.10550	35040.58
31	16.20	3655610	Endrin	B	0.03925	1.07e+06
32	16.39	3093842	4,4'-DDD	B	0.03809	955858.44
33	16.69	3026833	Endosulfan II	B	0.03627	878607.59
35	16.98	2529598	4,4'-DDT	V	0.03798	758877.00
36	17.61	2589512	Endrin aldehyde	B	0.04458	699310.01
37	18.04	1245819	Methoxychlor	B	0.03992	388743.72
38	18.31	15016		B	0.01502	5006.60
39	18.55	2911505	Endo. Sulfate	B	0.04502	747177.93
40	18.81	27538		B	0.02754	7927.99
41	19.13	2912774	Endrin ketone	B	0.03911	806574.62
42	21.24	736866	Decachlorobiphenyl	B	0.01176	200090.62
		79902515			2.07633	2.46e+07

Sample Name : AW80021204MSB Sample #: A8B2551201 Page 1 of 1
FileName : H:\TURBO6\6890-06\6a29059.raw
Date : 12/02/2008 11:24:19
Method :
Time of Injection: 12/01/2008 11:24:13
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.
Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/01/2008 12:45:38
Reprocess Number	: buf1938: 87785		
Operator	: tchrom	Sample Name	: AW80021204MSB
Sample Number	: A8B2551201	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/59
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.94 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 11:24:13	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6b29059.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29059.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29059.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29059.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29059.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.01	33479		B	0.03348	18348.99
2	8.95	39494		B	0.03949	8691.13
5	9.75	20172		B	0.02017	8610.01
6	9.95	23521		B	0.02352	5917.14
8	10.26	1324619	Tetrachloro-m-xylene	B	0.01026	324762.88
9	10.69	45053		B	0.04505	12053.78
10	11.36	6487		B	0.00649	2337.73
11	11.51	229097		B	0.22910	43112.14
12	11.63	277465		V	0.27746	45392.20
13	11.75	142752		V	0.14275	35470.42
14	12.05	6098461	alpha-BHC	B	0.03413	1.79e+06
15	12.81	19083		B	0.01908	5456.99
16	13.00	6136733	gamma-BHC	V	0.03779	1.74e+06
17	13.23	3144364	beta-BHC	B	0.04226	836042.82
18	13.39	431875		E	0.43187	63660.16
19	13.76	520070		B	0.52007	144031.90
20	13.98	7014687	delta-BHC	B	0.04287	1.93e+06
21	14.11	5347539	Heptachlor	V	0.03838	1.53e+06
22	14.24	50499		E	0.05050	14567.15
23	14.90	5272630	Aldrin	B	0.03613	1.52e+06
24	15.08	120639		V	0.12064	33777.79
25	15.36	11214		B	0.01121	4528.00

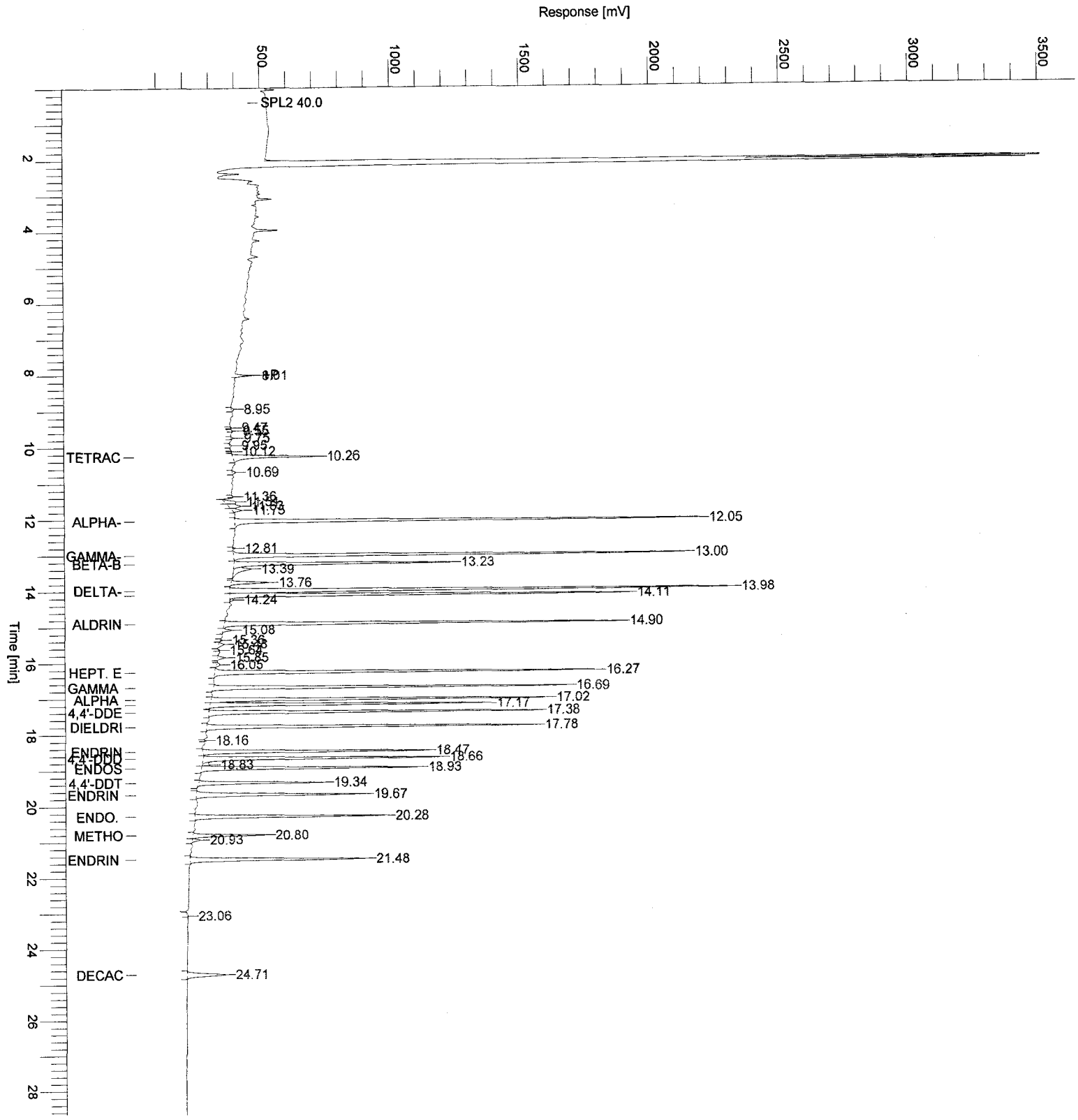
12/01/2008 12:45:38 Result: H:\TURBO6\6890-06\6b29059.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
26	15.48	103154		B	0.10315	20832.28
27	15.64	7001		B	0.00700	2520.84
28	15.85	100128		B	0.10013	28269.71
29	16.05	61336		B	0.06134	12580.88
30	16.27	5259806	Hept. epoxide	B	0.04122	1.47e+06
31	16.69	4750963	gamma chlordane	B	0.03847	1.36e+06
32	17.02	4504402	alpha chlordane	B	0.04004	1.29e+06
33	17.17	3854824	Endosulfan I	V	0.03510	1.07e+06
34	17.38	4321748	4,4'-DDE	B	0.03944	1.26e+06
35	17.78	4537194	Dieldrin	B	0.04014	1.27e+06
37	18.47	3169949	Endrin	B	0.04264	859624.40
38	18.66	3404490	4,4'-DDD	B	0.04302	911692.42
39	18.83	133960		E	0.13396	30399.32
40	18.93	3119296	Endosulfan II	V	0.03930	835193.22
41	19.34	1657723	4,4'-DDT	B	0.03990	483417.46
42	19.67	2594793	Endrin aldehyde	B	0.04846	645983.58
43	20.28	2701234	Endo. Sulfate	B	0.04192	734361.60
44	20.80	1022982	Methoxychlor	B	0.05001	279469.73
45	20.93	111895		V	0.11190	28535.12
46	21.48	2785424	Endrin ketone	B	0.04016	678175.11
47	23.06	20385		B	0.02038	1342.50
48	24.71	786450	Decachlorobiphenyl	B	0.01213	147378.34
		85319070			3.34251	2.35e+07

Chromatogram

Sample Name : AW80021204MSB
Sample #: A8B2551201

FileName : H:\TURBO6\6890-06\6b29059.raw
Date : 12/01/2008 12:45:39
Method : 6890-6 bside ins
Time of Injection: 12/01/2008 11:24:13
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3510.
Plot Offset: 10.00 mV
Plot Scale: 3500.0 mV



OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401MS

Sample wt/vol: 1030.00 (g/mL) ML Lab File ID: 6A29062.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/05/2008 11/05/2008

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.33	
319-85-7	beta-BHC	0.45	
319-86-8	delta-BHC	0.38	
58-89-9	gamma-BHC (Lindane)	0.34	

Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:00
Reprocess Number	: buf1938: 87812		
Operator	: tchrom	Sample Name	: AW80021207
Sample Number	: A8E03401MS	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/62
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 13:13:47	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6a29062.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29062.rst
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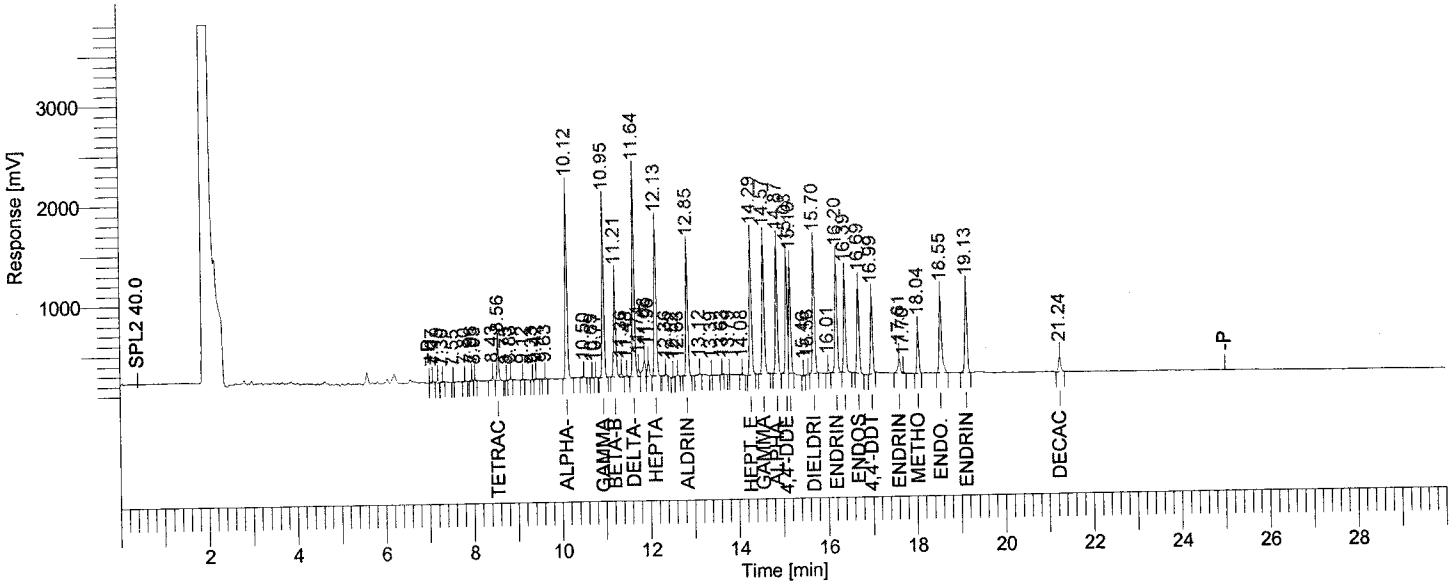
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29062.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29062.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.07	66283		B	0.06628	12851.24
2	7.19	70345		V	0.07034	23571.04
3	7.30	33587		B	0.03359	8391.09
5	7.80	21417		B	0.02142	6240.94
6	7.96	71511		B	0.07151	22555.38
7	8.03	29250		V	0.02925	10717.24
8	8.43	98248		B	0.09825	24879.71
9	8.56	975780	Tetrachloro-m-xylene	V	0.00834	324512.01
10	8.75	10074		B	0.01007	4269.84
11	8.83	46256		V	0.04626	14254.02
12	9.12	16454		B	0.01645	6334.64
13	9.33	7353		B	0.00735	2858.64
14	9.42	44794		B	0.04479	12255.27
15	9.63	48150		B	0.04815	14951.21
16	10.12	5546430	alpha-BHC	B	0.03407	1.85e+06
17	10.50	69765		B	0.06977	13523.00
18	10.69	19942		B	0.01994	6546.17
19	10.77	19940		V	0.01994	6216.43
20	10.95	5197840	gamma-BHC	B	0.03463	1.70e+06
21	11.21	2999650	beta-BHC	B	0.04612	961981.11
22	11.36	145960		E	0.14596	29858.18
23	11.48	55930		V	0.05593	16034.52

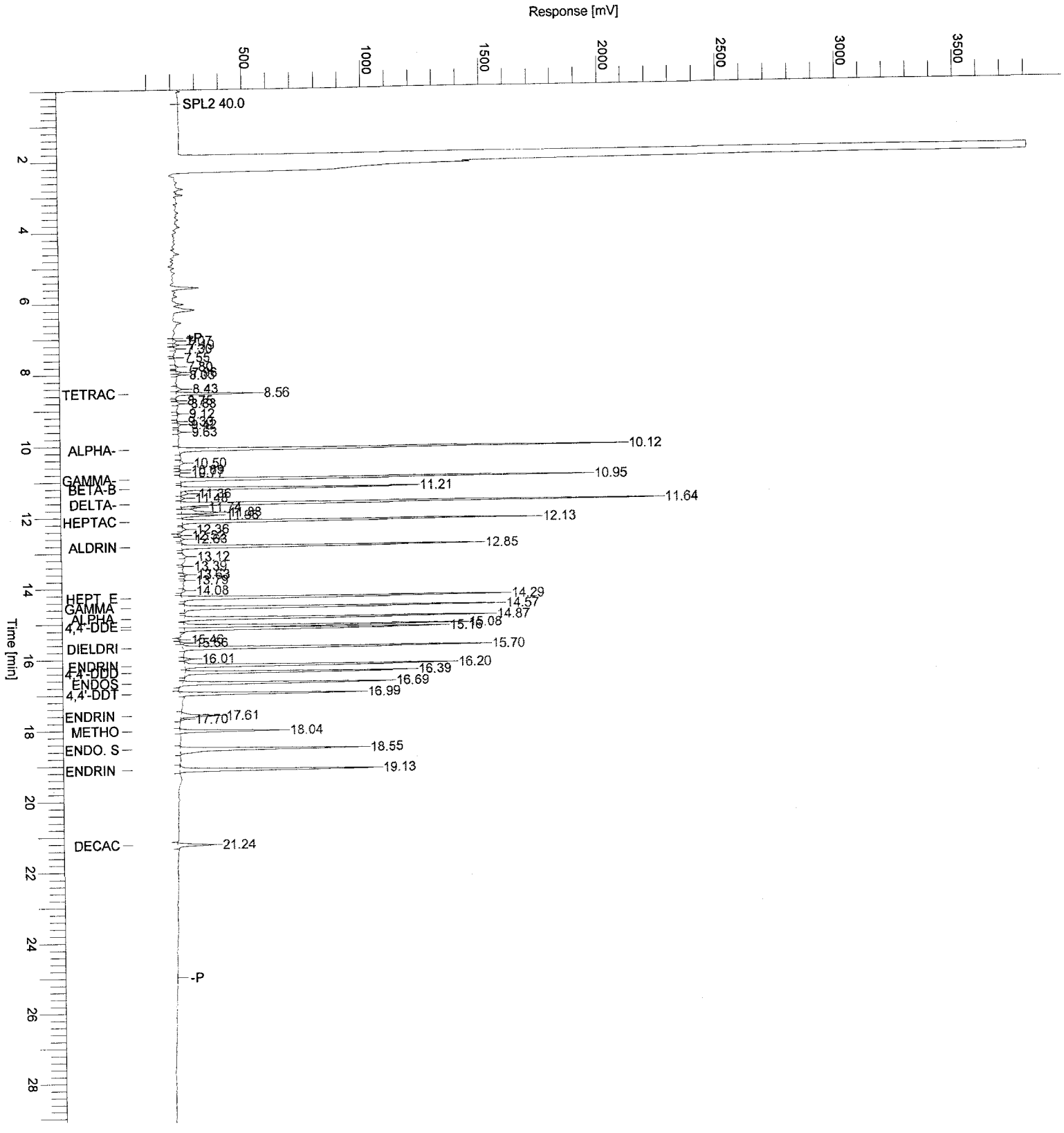
12/02/2008 06:26:00 Result: H:\TURBO6\6890-06\6a29062.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
24	11.64	6220513	delta-BHC	B	0.03943	2.00e+06
25	11.74	210657		E	0.21066	67660.84
26	11.88	711269		V	0.71127	154526.21
27	11.96	458521		V	0.45852	141340.10
28	12.13	4567248	Heptachlor	V	0.03175	1.48e+06
29	12.36	59844		B	0.05984	15452.10
30	12.52	46122		B	0.04612	14771.35
31	12.63	59174		V	0.05917	16025.00
32	12.85	3881966	Aldrin	B	0.02797	1.23e+06
33	13.12	47633		B	0.04763	11682.02
35	13.63	25778		B	0.02578	10126.15
37	14.08	52222		B	0.05222	13212.69
38	14.29	4303337	Hept. epoxide	B	0.03550	1.34e+06
39	14.57	4264886	gamma chlordane	B	0.03402	1.31e+06
40	14.87	4068183	alpha chlordane	B	0.03462	1.27e+06
41	15.08	3547253	4,4'-DDE	B	0.03249	1.16e+06
42	15.16	3467290	Endosulfan I	V	0.03055	1.07e+06
43	15.46	20548		B	0.02055	8479.47
44	15.56	63670		B	0.06367	18541.69
45	15.70	4188693	Dieldrin	V	0.03686	1.26e+06
46	16.01	98782		B	0.09878	33613.19
47	16.20	3758283	Endrin	B	0.04032	1.11e+06
48	16.39	2973063	4,4'-DDD	B	0.03660	938044.26
49	16.69	2868254	Endosulfan II	B	0.03433	857285.85
50	16.99	2383175	4,4'-DDT	B	0.03602	740461.63
51	17.61	575512	Endrin aldehyde	B	0.00862	145779.58
52	17.70	42584		E	0.04258	15411.93
53	18.04	1315084	Methoxychlor	B	0.04198	418208.67
54	18.55	3040096	Endo. Sulfate	B	0.04703	755697.30
55	19.13	2942467	Endrin ketone	B	0.03951	810964.38
56	21.24	522863	Decachlorobiphenyl	B	0.00761	143666.88
		76379929			3.49042	2.36e+07

Chromatogram

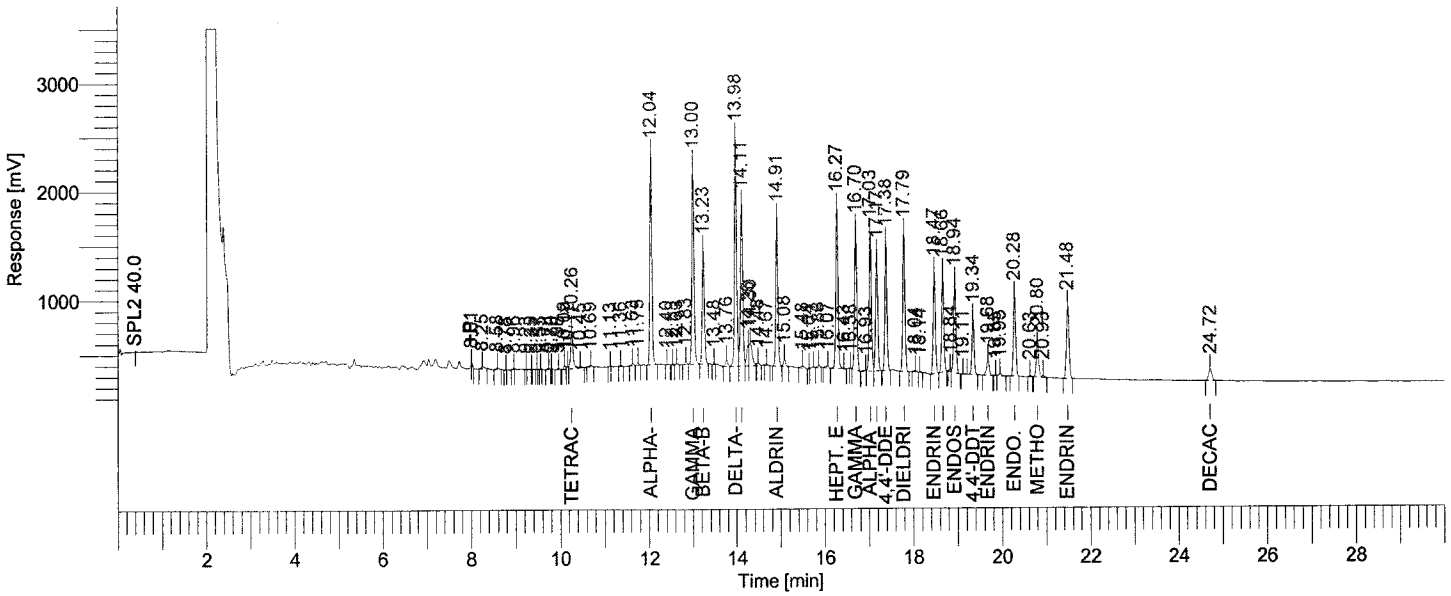
Sample Name : AW80021207
Sample #: A8E03401MS

FileName : H:\TURBO6\6890-06\6a29062.raw
Date : 12/02/2008 06:26:01
Time of Injection: 12/01/2008 13:13:47
Method : 6890-6 bside ins
Start Time : 0.00 min
End Time : 30.00 min
Low Point : 10.00 mV
High Point : 3810.
Plot Offset: 10.00 mV
Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:03
Reprocess Number	: buf1938: 87813		
Operator	: tchrom	Sample Name	: AW80021207
Sample Number	: A8E03401MS	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/62
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.99 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 13:13:47	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6b29062.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29062.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29062.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29062.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29062.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.01	22435		B	0.02243	10902.51
2	8.25	100478		B	0.10048	17094.21
3	8.58	69329		B	0.06933	16711.65
5	8.96	6978		B	0.00698	1982.92
9	9.55	7387		B	0.00739	3355.88
10	9.74	34032		B	0.03403	10377.13
12	9.96	40576		B	0.04058	9682.76
13	10.09	124052		B	0.12405	34211.04
14	10.17	71955		V	0.07195	24155.79
15	10.26	1349009	Tetrachloro-m-xylene	V	0.01050	349676.34
16	10.45	60399		E	0.06040	11452.92
17	10.69	62437		B	0.06244	12573.65
19	11.36	31517		B	0.03152	10055.48
20	11.63	67693		B	0.06769	18962.52
21	11.75	63417		V	0.06342	21108.90
22	12.04	6315237	alpha-BHC	B	0.03540	1.94e+06
23	12.40	17248		B	0.01725	5878.80
24	12.53	14992		B	0.01499	4540.27
25	12.63	37834		V	0.03783	8977.52
26	12.83	94816		B	0.09482	26879.94
27	13.00	6203737	gamma-BHC	V	0.03822	1.83e+06
28	13.23	3566936	beta-BHC	B	0.04867	1.04e+06

12/02/2008 06:26:03 Result: H:\TURBO6\6890-06\6b29062.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
29	13.48	25190		B	0.02519	9309.02
30	13.76	215289		B	0.21529	60864.05
31	13.98	7301817	delta-BHC	B	0.04463	2.11e+06
32	14.11	5064792	Heptachlor	V	0.03630	1.48e+06
33	14.26	620140		V	0.62014	192238.87
34	14.30	994661		V	0.99466	212313.25
35	14.48	95763		V	0.09576	25076.11
36	14.67	41626		B	0.04163	11013.40
37	14.91	4597970	Aldrin	B	0.03119	1.36e+06
38	15.08	238555		V	0.23855	67675.51
39	15.48	120251		B	0.12025	21356.27
40	15.64	18756		B	0.01876	8379.04
41	15.73	86148		V	0.08615	14145.04
42	15.86	84209		V	0.08421	18475.19
43	16.07	105276		B	0.10528	21080.48
44	16.27	5130441	Hept. epoxide	B	0.04017	1.47e+06
45	16.43	22773		E	0.02277	4108.45
46	16.58	16082		B	0.01608	5616.78
47	16.70	4409048	gamma chlordane	V	0.03566	1.29e+06
48	16.93	48583		B	0.04858	10592.62
49	17.03	4382362	alpha chlordane	V	0.03894	1.26e+06
50	17.17	3785924	Endosulfan I	V	0.03445	1.07e+06
51	17.38	3812078	4,4'-DDE	B	0.03480	1.17e+06
52	17.79	4446683	Dieldrin	B	0.03933	1.26e+06
53	18.04	58119		B	0.05812	12356.74
54	18.14	19479		B	0.01948	6660.24
55	18.47	3352115	Endrin	B	0.04498	933303.56
56	18.66	3089382	4,4'-DDD	B	0.03907	905680.04
57	18.84	50851		B	0.05085	18628.05
58	18.94	2975168	Endosulfan II	V	0.03749	832065.64
59	19.11	19843		B	0.01984	5867.22
60	19.34	1725670	4,4'-DDT	V	0.04123	513604.33
61	19.68	592685	Endrin aldehyde	B	0.01107	139715.49
62	19.85	19123		B	0.01912	5767.15
63	19.95	110011		V	0.11001	22035.44
64	20.28	2672727	Endo. Sulfate	B	0.04148	735045.75
65	20.63	37405		B	0.03741	11701.55
66	20.80	1202332	Methoxychlor	B	0.05784	324232.29
67	20.93	68711		E	0.06871	19614.34
68	21.48	2680416	Endrin ketone	B	0.03868	667141.29
69	24.72	529228	Decachlorobiphenyl	B	0.00742	100880.37
		83230177			4.83195	2.38e+07

Chromatogram

Sample Name : AW80021207 Sample #: A8E03401MS

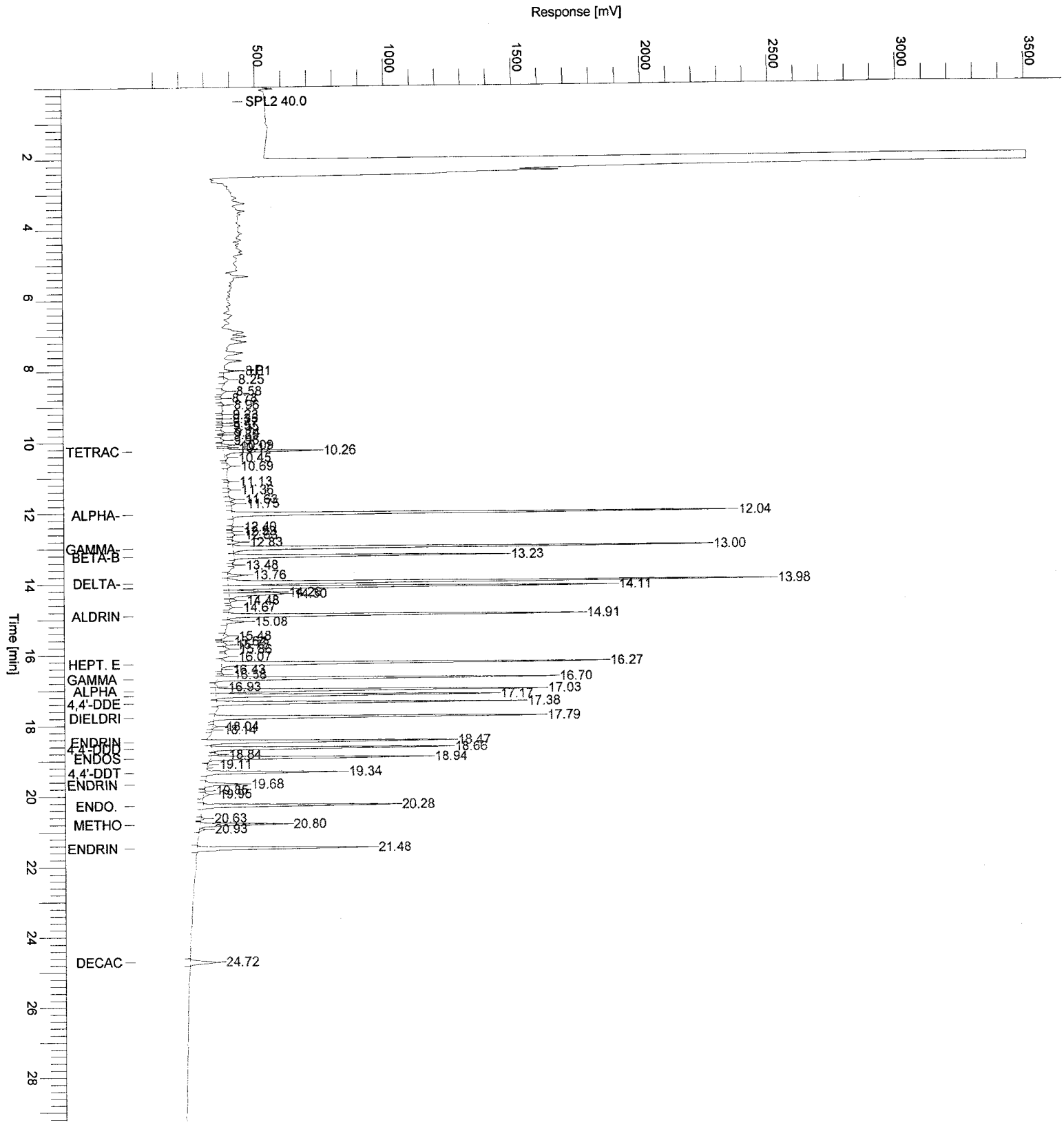
FileName : H:\TURBO6\6890-06\6b29062.raw

Date : 12/02/2008 06:26:04

Method : 6890-6 bside ins Time of Injection: 12/01/2008 13:13:47

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.

Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



OLIN - 608 - TOTAL HCCH - W
ANALYSIS DATA SHEET

Client No.

IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: A8E03401SD

Sample wt/vol: 1040.00 (g/mL) ML Lab File ID: 6A29063.TX0

% Moisture:_____ decanted: (Y/N) N Date Samp/Recv: 11/05/2008 11/05/2008

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/06/2008

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 12/01/2008

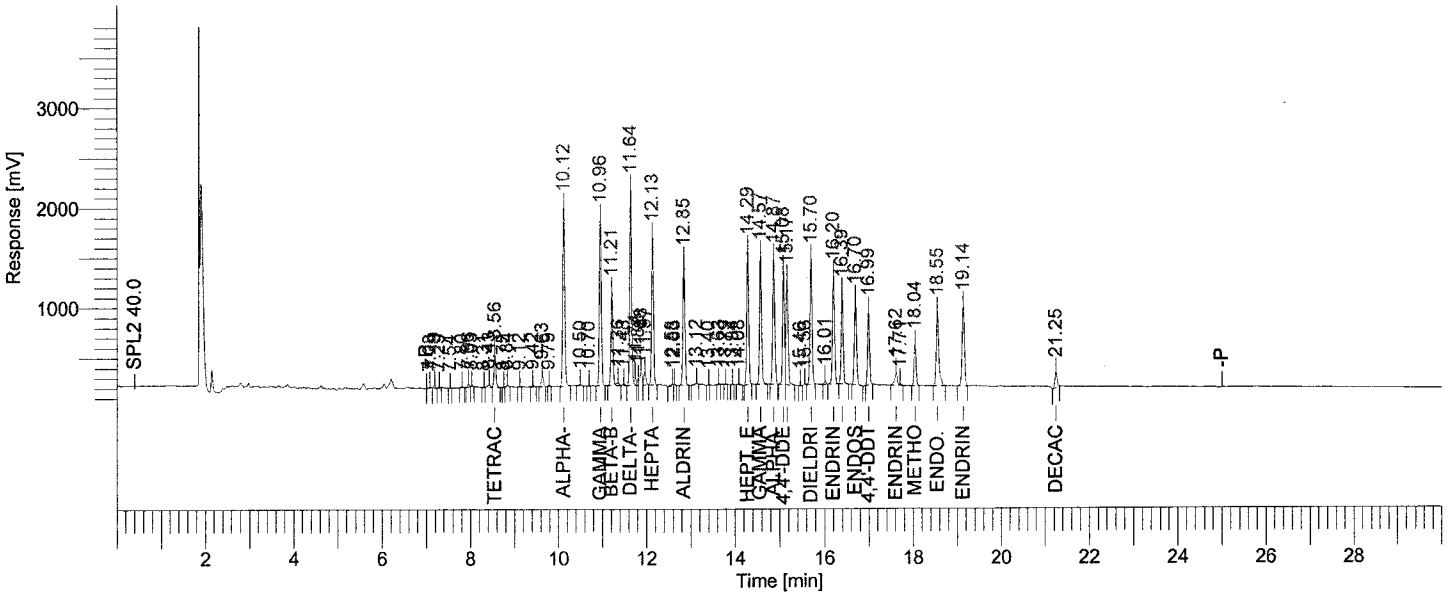
Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.32	
319-85-7	beta-BHC	0.43	
319-86-8	delta-BHC	0.37	
58-89-9	gamma-BHC (Lindane)	0.32	

Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:06
Reprocess Number	: buf1938: 87814		
Operator	: tchrom	Sample Name	: AW80021208
Sample Number	: A8E03401SD	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/63
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 30.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 13:50:17	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6a29063.raw <Modified>
Result File : H:\TURBO6\6890-06\6a29063.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6a29063.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6a29063.rst
Calib Method : h:\turbo6\6890-06\6a-(11-29-08)1.mth from H:\TURBO6\6890-06\6a29063.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.08	55033		B	0.05503	11074.75
2	7.19	81009		V	0.08101	28609.58
3	7.29	25112		B	0.02511	6905.01
5	7.80	22156		B	0.02216	6451.07
6	7.96	75861		B	0.07586	24001.03
7	8.03	29309		V	0.02931	10699.04
8	8.31	15346		B	0.01535	5580.62
9	8.43	138517		V	0.13852	27147.40
10	8.56	977934	Tetrachloro-m-xylene	V	0.00836	321302.29
11	8.75	8875		B	0.00888	3822.21
12	8.84	46679		V	0.04668	14414.13
13	9.12	15466		B	0.01547	5965.83
14	9.42	52015		B	0.05202	13673.73
15	9.63	329829		B	0.32983	109645.35
16	9.79	15505		B	0.01550	5711.27
17	10.12	5392122	alpha-BHC	B	0.03312	1.78e+06
18	10.50	54675		B	0.05467	11938.48
19	10.70	12370		B	0.01237	4770.23
20	10.96	5042470	gamma-BHC	B	0.03359	1.66e+06
21	11.21	2923183	beta-BHC	B	0.04490	927758.61
22	11.36	123909		E	0.12391	26155.32
23	11.48	54258		V	0.05426	15947.52

12/02/2008 06:26:06 Result: H:\TURBO6\6890-06\6a29063.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
24	11.64	6050074	delta-BHC	B	0.03835	1.96e+06
25	11.74	210882		E	0.21088	69231.50
26	11.82	118306		V	0.11831	49722.53
27	11.88	511645		V	0.51164	132928.28
28	11.97	422699		V	0.42270	132217.46
29	12.13	4538332	Heptachlor	V	0.03154	1.47e+06
30	12.58	77167		B	0.07717	15576.10
31	12.63	41220		V	0.04122	14213.70
32	12.85	3862898	Aldrin	B	0.02783	1.23e+06
33	13.12	49984		B	0.04998	11660.64
35	13.63	24098		B	0.02410	9630.92
36	13.79	11629		B	0.01163	4100.97
37	13.94	7686		B	0.00769	3175.19
38	14.08	45643		B	0.04564	12215.27
39	14.29	4271432	Hept. epoxide	B	0.03523	1.33e+06
40	14.57	4173317	gamma chlordane	B	0.03330	1.28e+06
41	14.87	3979854	alpha chlordane	B	0.03387	1.25e+06
42	15.08	3500027	4,4'-DDE	B	0.03207	1.14e+06
43	15.17	3508832	Endosulfan I	V	0.03093	1.04e+06
44	15.46	11782		B	0.01178	4701.58
45	15.56	46232		V	0.04623	13202.43
46	15.70	4110736	Dieldrin	V	0.03617	1.25e+06
47	16.01	94243		B	0.09424	31786.78
48	16.20	3667853	Endrin	B	0.03938	1.08e+06
49	16.39	2870692	4,4'-DDD	B	0.03533	904177.74
50	16.70	2876186	Endosulfan II	B	0.03443	843031.08
51	16.99	2321353	4,4'-DDT	B	0.03519	723502.89
52	17.62	512823	Endrin aldehyde	B	0.00750	126647.03
53	17.71	48457		E	0.04846	17179.26
54	18.04	1276265	Methoxychlor	B	0.04082	404201.23
55	18.55	2960243	Endo. Sulfate	B	0.04578	734045.14
56	19.14	2884046	Endrin ketone	B	0.03873	787316.45
57	21.25	547508	Decachlorobiphenyl	B	0.00809	144824.88
		75125776			3.58211	2.32e+07

Chromatogram

Sample Name : AW80021208 Sample #: A8E03401SD Page 1 of 1

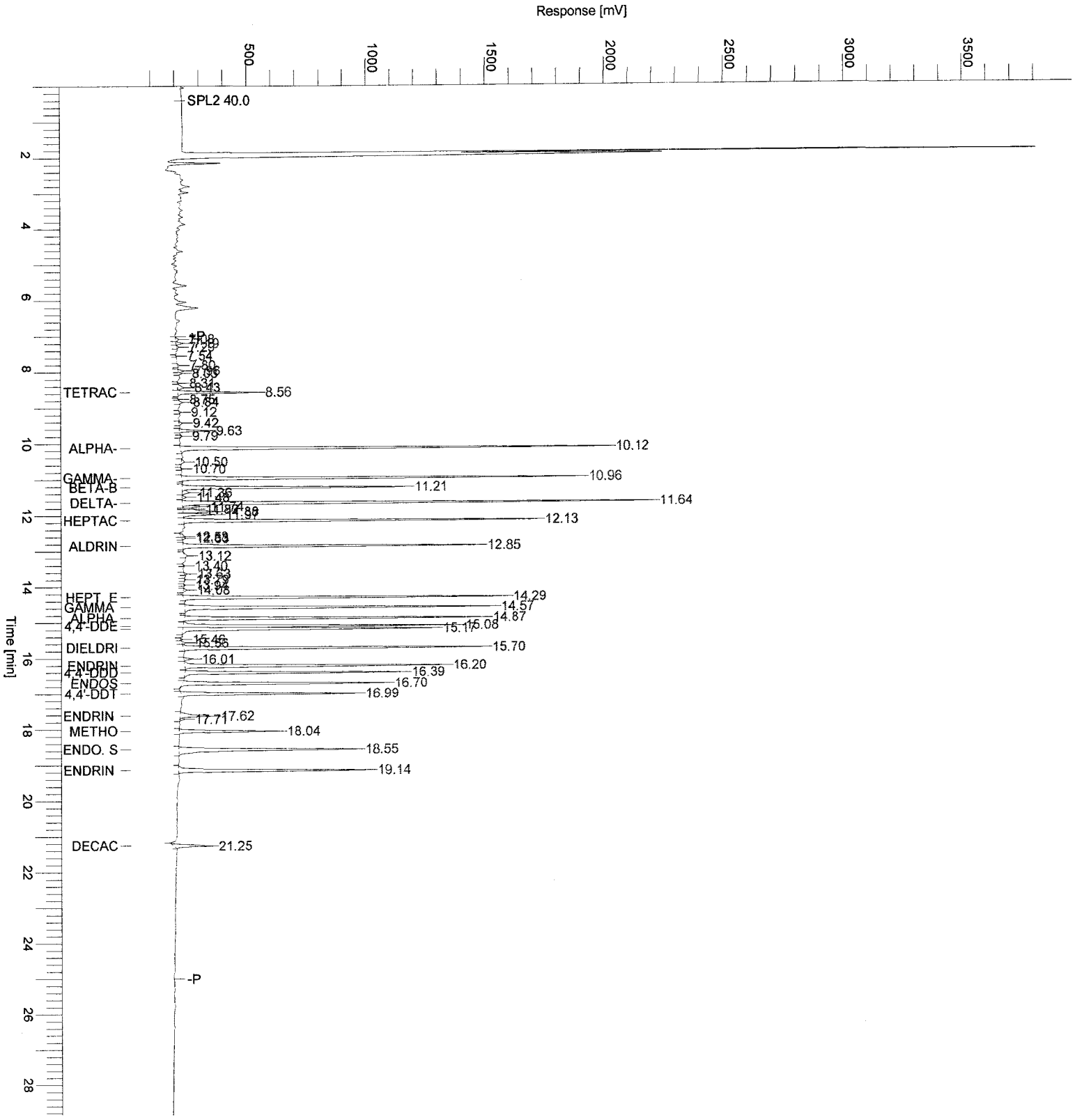
FileName : H:\TURBO6\6890-06\6a29063.raw

Date : 12/02/2008 06:26:07

Method : 6890-6 bside ins Time of Injection: 12/01/2008 13:50:17

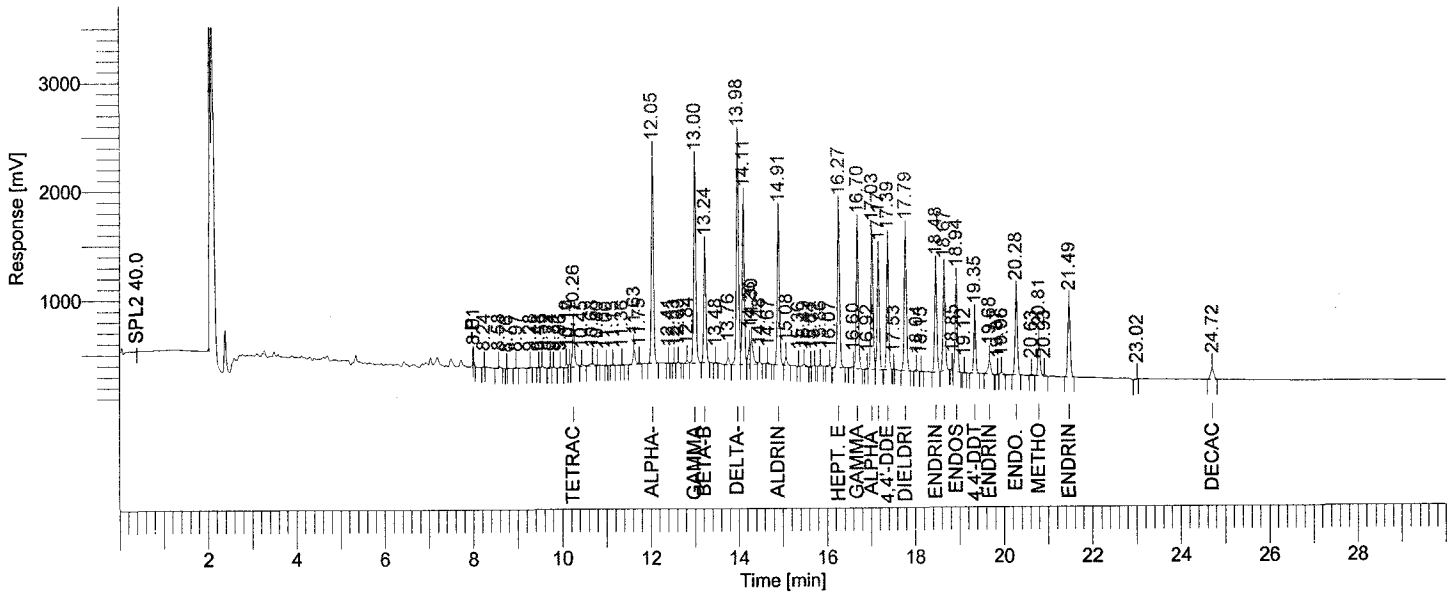
Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3810.

Plot Offset: 10.00 mV Plot Scale: 3800.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 12/02/2008 06:26:09
Reprocess Number	: buf1938: 87815		
Operator	: tchrom	Sample Name	: AW80021208
Sample Number	: A8E03401SD	Study	: CTA13968
AutoSampler	: BUILT-IN	Rack/Vial	: 1/63
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: None	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 30.00 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 6000.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 12/01/2008 13:50:17	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6b29063.raw <Modified>
Result File : H:\TURBO6\6890-06\6b29063.rst
Inst Method : h:\turbo6\6890-06\6890-6 bside ins from H:\TURBO6\6890-06\6b29063.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6b29063.rst
Calib Method : h:\turbo6\6890-06\6b-(11-29-08)1.mth from H:\TURBO6\6890-06\6b29063.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-29.seq



HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.01	32855		B	0.03286	17687.91
2	8.24	7381		B	0.00738	2223.80
3	8.58	73939		B	0.07394	16448.88
5	8.97	33956		B	0.03396	7911.54
6	9.28	38815		B	0.03881	8019.26
7	9.48	13035		B	0.01304	4703.08
8	9.55	40420		V	0.04042	11315.08
9	9.74	56820		B	0.05682	14453.75
10	9.81	45105		V	0.04510	11172.61
11	9.96	49096		B	0.04910	10938.01
12	10.10	116867		B	0.11687	34061.83
13	10.17	84749		V	0.08475	26085.90
14	10.26	1376006	Tetrachloro-m-xylene	V	0.01077	352487.33
15	10.45	82032		V	0.08203	15499.67
16	10.68	162504		V	0.16250	20128.94
17	10.80	14654		V	0.01465	5495.36
19	11.15	20763		B	0.02076	5422.39
20	11.36	28130		B	0.02813	9529.96
21	11.63	495800		B	0.49580	131270.03
22	11.75	46066		E	0.04607	16366.84
23	12.05	6143028	alpha-BHC	B	0.03439	1.90e+06
24	12.41	9787		B	0.00979	4274.09

12/02/2008 06:26:09 Result: H:\TURBO6\6890-06\6b29063.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	12.53	12431		B	0.01243	4256.69
26	12.63	34150		V	0.03415	8559.64
27	12.84	93663		B	0.09366	25903.46
28	13.00	6069180	gamma-BHC	V	0.03735	1.80e+06
29	13.24	3481313	beta-BHC	B	0.04737	1.01e+06
30	13.48	26274		B	0.02627	9970.42
31	13.76	227970		B	0.22797	65530.37
32	13.98	7091014	delta-BHC	B	0.04333	2.04e+06
33	14.11	5056725	Heptachlor	V	0.03624	1.48e+06
34	14.26	543456		V	0.54346	175377.89
35	14.30	953522		V	0.95352	202210.73
36	14.48	93566		V	0.09357	22868.60
37	14.67	33747		B	0.03375	10077.73
38	14.91	4581812	Aldrin	B	0.03108	1.34e+06
39	15.08	235884		V	0.23588	68062.90
40	15.36	10788		B	0.01079	4473.47
41	15.49	103597		V	0.10360	18955.38
42	15.64	7254		B	0.00725	3332.17
43	15.72	11887		V	0.01189	2758.18
44	15.86	55272		B	0.05527	15676.44
45	16.07	90438		B	0.09044	19655.08
46	16.27	4996426	Hept. epoxide	B	0.03908	1.43e+06
47	16.60	57216		B	0.05722	13207.42
48	16.70	4352693	gamma chlordane	V	0.03520	1.27e+06
49	16.92	18291		B	0.01829	5546.54
50	17.03	4222037	alpha chlordane	V	0.03750	1.21e+06
51	17.17	3667572	Endosulfan I	V	0.03334	1.04e+06
52	17.39	3703237	4,4'-DDE	B	0.03381	1.14e+06
54	17.79	4330090	Dieldrin	B	0.03829	1.23e+06
55	18.04	59823		B	0.05982	12960.15
56	18.15	19943		B	0.01994	7091.23
57	18.48	3344559	Endrin	B	0.04488	924681.48
58	18.67	3011960	4,4'-DDD	B	0.03810	883662.23
59	18.85	46076		B	0.04608	17920.97
60	18.94	2906813	Endosulfan II	V	0.03663	807856.12
61	19.12	13201		B	0.01320	5274.41
62	19.35	1675469	4,4'-DDT	B	0.04025	490841.51
63	19.68	522590	Endrin aldehyde	B	0.00976	120588.58
64	19.87	26391		B	0.02639	6661.26
65	19.96	107239		V	0.10724	23247.77
66	20.28	2595434	Endo. Sulfate	B	0.04027	720288.09
67	20.63	30957		B	0.03096	10160.37
68	20.81	1141741	Methoxychlor	B	0.05519	307642.08
69	20.93	67385		E	0.06739	19292.78
70	21.49	2615815	Endrin ketone	B	0.03777	649182.12
71	23.02	23830		B	0.02383	3457.12
72	24.72	505348	Decachlorobiphenyl	B	0.00699	95954.29
		81847885			5.22462	2.34e+07

Chromatogram

Sample Name : AW80021208 Sample #: A8E03401SD Page 1 of 1

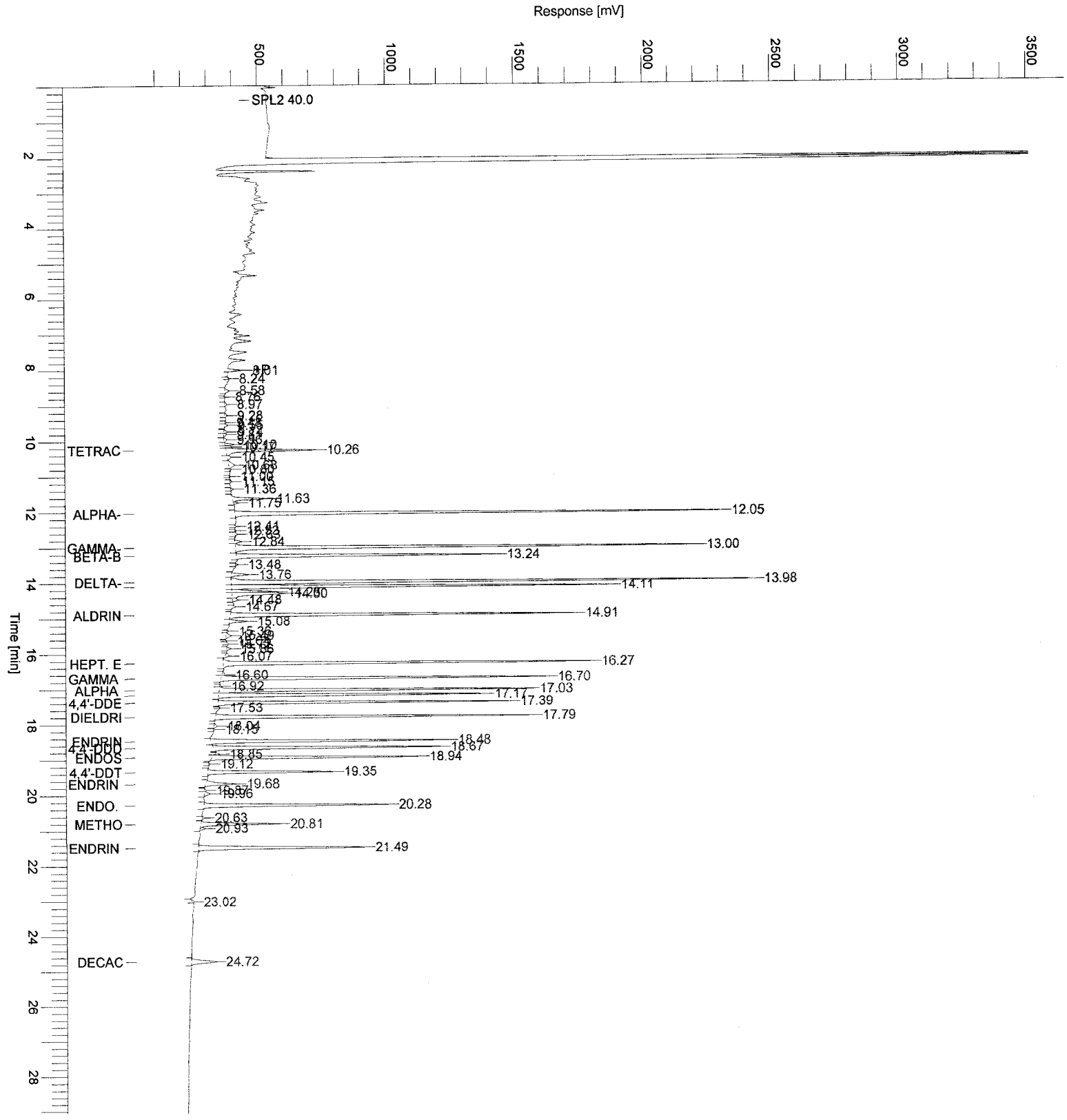
FileName : H:\TURBO6\6890-06\6b29063.raw

Date : 12/02/2008 06:26:10

Method : 6890-6 bside ins Time of Injection: 12/01/2008 13:50:17

Start Time : 0.00 min End Time : 30.00 min Low Point : 10.00 mV High Point : 3510.

Plot Offset: 10.00 mV Plot Scale: 3500.0 mV



Organic Prep Log Book
(3510C) 608PEST/8081/8082 H2O
A8B25512 (Closed)

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 11/06/2008 JS

Date Cleanup/Initials: 11/06/2008 JU

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 11/06/2008 JU

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
8B25512	A8B2551201		MSB	AW80021204	608		608PEST	A00035	A00225	_____	5.00	1000.0000	10.00
8B25512	A8B2551203		MBLK	AW80021205	608		608PEST	A00035	_____	_____	5.00	1000.0000	10.00
08-E034	A8E03401	A	FS	AW80021206	608		608PEST	A00035	_____	_____	6.00	1020.0000	10.00
08-E034	A8E03401MS	A	MS	AW80021207	608		608PEST	A00035	A00225	_____	6.00	1030.0000	10.00
08-E034	A8E03401SD	A	SD	AW80021208	608		608PEST	A00035	A00225	_____	6.00	1040.0000	10.00
8B25512	A8B2551201		MSB	AW80021209	TCL Pest		8081	A00035	A00225	_____	5.00	1000.0000	10.00
8B25512	A8B2551203		MBLK	AW80021210	TCL Pest		8081	A00035	_____	_____	5.00	1000.0000	10.00
08-D949	A8D94902	A	FS	AW80021211	TCL Pest		8081	A00035	_____	_____	6.00	1010.0000	10.00
08-D949	A8D94903	A	FS	AW80021212	TCL Pest		8081	A00035	_____	_____	6.00	1005.0000	10.00
08-D949	A8D94904	A	FS	AW80021213	TCL Pest		8081	A00035	_____	_____	6.00	980.0000	10.00
08-D949	A8D94905	A	FS	AW80021214	TCL Pest		8081	A00035	_____	_____	6.00	1015.0000	10.00
08-D950	A8D95001	A	FS	AW80021215	TCL Pest		8081	A00035	_____	_____	6.00	1040.0000	10.00
08-D950	A8D95002	A	FS	AW80021216	TCL Pest		8081	A00035	_____	_____	6.00	1045.0000	10.00
08-D950	A8D95003	A	FS	AW80021217	TCL Pest		8081	A00035	_____	_____	6.00	1020.0000	10.00
08-D950	A8D95004	A	FS	AW80021218	TCL Pest		8081	A00035	_____	_____	6.00	1020.0000	10.00
8B25512	A8B2551201	Z	MSB	AW80021219	PCBS(9)		8082	A00035	A00222	_____	5.00	1000.0000	10.00

Organic Prep Log Book
(3510C) 608PEST/8081/8082 H2O
A8B25512 (Closed)

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 11/06/2008 JS

Date Cleanup/Initials: 11/06/2008 JU

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 11/06/2008 JU

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
3B25512	A8B2551202	Z	MSBD	AW80021220	PCBS(9)		8082	A00035	A00222		5.00	1000.0000	10.00
3B25512	A8B2551203	Z	MBLK	AW80021221	PCBS(9)		8082	A00035			5.00	1000.0000	10.00
08-D949	A8D94902	A	FS	AW80021222	PCBS(9)		8082	A00035			6.00	1010.0000	10.00
08-D949	A8D94903	A	FS	AW80021223	PCBS(9)		8082	A00035			6.00	1005.0000	10.00
08-D949	A8D94904	A	FS	AW80021224	PCBS(9)		8082	A00035			6.00	980.0000	10.00
08-D949	A8D94905	A	FS	AW80021225	PCBS(9)		8082	A00035			6.00	1015.0000	10.00
08-D950	A8D95001	A	FS	AW80021226	PCBS(9)		8082	A00035			6.00	1040.0000	10.00
08-D950	A8D95002	A	FS	AW80021227	PCBS(9)		8082	A00035			6.00	1045.0000	10.00
08-D950	A8D95003	A	FS	AW80021228	PCBS(9)		8082	A00035			6.00	1020.0000	10.00
08-D950	A8D95004	A	FS	AW80021229	PCBS(9)		8082	A00035			6.00	1020.0000	10.00
8B25512	A8B2551201	Z	MSB	AW80021219	9 PCBS		8082	A00035	A00222		5.00	1000.0000	10.00
8B25512	A8B2551202	Z	MSBD	AW80021220	9 PCBS		8082	A00035	A00222		5.00	1000.0000	10.00
8B25512	A8B2551203	Z	MBLK	AW80021221	9 PCBS		8082	A00035			5.00	1000.0000	10.00
08-E039	A8E03901	A	FS	AW80021230	9 PCBS	MN01	8082	A00035			2.00	970.0000	10.00

Comments: Sample A8E03901 was neutralized prior to extraction.

estAmerica Lab
ate: 11/06/2008
ime: 00:14:31

Organic Prep Log Book
(3510C) 608PEST/8081/8082 H2O
A8B25512

Rept: AN0501

SURROGATE A35
Expiration Date: 3/30/09
Prepared by: CM
Spiked by: CJS 1000.00 ul
Witnessed by:

MATRIX SPIKE A222
Expiration Date: 3/10/09
Prepared by: CJS
Spiked by: CJS 1000.00 ul
Witnessed by:

MeCl2: 640E08
Acetone:
Hexane: 638E55
Na2SO4: 27868003
Conc. ~~1:1~~ H2SO4: 630024/7
10 N NaOH:

Date Ext/Initials: 11-6-08 CJS
Date Cleanup/Initials: 11-6-08 JV
Extraction Type: (SEPF) or CLLE (circle one) AQUEOUS EXTRACTIONS
Date Conc/Initials: 11-6-08 JV

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B25512	A8B2551201		MSB	AW80021204	608		608PEST	A00035	A00225	Clear	5	1000	10.0
A8B25512	A8B2551203		MBLK	AW80021205	608		608PEST	A00035		↓	↓	↓	
A08-E034	A8E03401	A	FS	AW80021206	608		608PEST	A00035		Brown Orange	6	1020	
A08-E034	A8E03401MS	A	MS	AW80021207	608		608PEST	A00035	A00225			1030	
A08-E034	A8E03401SD	A	SD	AW80021208	608		608PEST	A00035	A00225			1040	
A8B25512	A8B2551201		MSB	AW80021209	TCL Pest		8081	A00035	A00225	Clear	5	1000	
A8B25512	A8B2551203		MBLK	AW80021210	TCL Pest		8081	A00035		↓	↓	↓	
A08-D949	A8D94902	A	FS	AW80021211	TCL Pest		8081	A00035		Tan	6	1010	
A08-D949	A8D94903		FS	AW80021212	TCL Pest		8081	A00035		Gray		1005	
A08-D949	A8D94904		FS	AW80021213	TCL Pest		8081	A00035		Tan/Gray		980	
A08-D949	A8D94905	↓	FS	AW80021214	TCL Pest		8081	A00035		Gray		1015	
A08-D950	A8D95001	A	FS	AW80021215	TCL Pest		8081	A00035		light Gray	6	1040	
A08-D950	A8D95002		FS	AW80021216	TCL Pest		8081	A00035		Dark Gray		1045	
A08-D950	A8D95003		FS	AW80021217	TCL Pest		8081	A00035		Dark Grey		1020	
A08-D950	A8D95004	↓	FS	AW80021218	TCL Pest		8081	A00035		Gray		1020	
A8B25512	A8B2551201		MSB	AW80021219	PCBS(9)		8082	A00035	A00222	Clear	5	1000	

estAmerica Lab
ate: 11/06/2008
ime: 00:14:31

Organic Prep Log Book
(3510C) 608PEST/8081/8082 H2O
A8B25512

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____ 1000.00 ul
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: _____ _____

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	QAPP	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A8B25512	A8B2551202		MSBD	AW80021220	PCBS(9)		8082	A00035	A00222	Clear	5	1000	10.0
A8B25512	A8B2551203		MBLK	AW80021221	PCBS(9)		8082	A00035		↓	↓	↓	
A08-D949	A8D94902	A	FS	AW80021222	PCBS(9)		8082	A00035		Tan	6	1010	
A08-D949	A8D94903		FS	AW80021223	PCBS(9)		8082	A00035		Gray		1005	
A08-D949	A8D94904		FS	AW80021224	PCBS(9)		8082	A00035		Tan/Gray		980	
A08-D949	A8D94905		FS	AW80021225	PCBS(9)		8082	A00035		Gray		1015	
A08-D950	A8D95001		FS	AW80021226	PCBS(9)		8082	A00035		light Gray		1040	
A08-D950	A8D95002		FS	AW80021227	PCBS(9)		8082	A00035		Dark Gray		1045	
A08-D950	A8D95003		FS	AW80021228	PCBS(9)		8082	A00035		Dark Gray		1020	
A08-D950	A8D95004	↓	FS	AW80021229	PCBS(9)		8082	A00035		Gray		↓	
A8B25512	A8B2551201		MSB	AW80021219	9 PCBS		8082	A00035	A00222	Clear	5	1200	
A8B25512	A8B2551202		MSBD	AW80021220	9 PCBS		8082	A00035	A00222	↓	↓	↓	
A8B25512	A8B2551203		MBLK	AW80021221	9 PCBS		8082	A00035		↓	↓	↓	
A08-E039	A8E03901	A	FS	AW80021230	9 PCBS		8082	A00035		Gray	2	970	↓

Acceptance Limits: 30-40 °C Turbovap Temp: _____

Gas Flow Check: _____

Entered Initials: CM

Closed Initials: _____

Comments: Sample A8E03901 was neutralized prior to extraction

Test America Buffalo

GC Extractable INJECTION LOGBOOK

Instrument ID: HP 6890-6 Columns: A / B RTXCLPI / RTXCLPII Sequence 29

Logbook # A08-06-02

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
		1cm3QH				(4)		
		QI			25			
		QM						
		QI	10					
		QM	10					
		1CM25Z						
					30			
		ZU						
		ZU	10					
		ICM25YE						2nd Source OK
		ICM1CJ			35			
		1CM25ZU						
		3QM						
	QC	MW80021827						
		21826						
		21825			40			
	E360	21829						
	E357	21842						
	E353	21828	4					
		1CM25ZU						
		3QM						
		11/29/00 ICM1~~QA~~DA						
		25ZU						
		ACM19 EE						
		FD						
		FC						

Rev.0
12/20/2007

000031

Reviewed By: Date:

292/356

Test America Buffalo

GC Extractable INJECTION LOGBOOK

strument ID: HP 6890-6 Columns: A / B RTX CLPI RTX CLP II Sequence 29

gbook # A08-06-02

ate & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
		Aem 19 FC	10					
		↓ FC	10					
-1-08		Leave						
DJB		ICM1DA						A OK B out
		ICM25Z4			55			A OK B OK
		ICM3QM						A OK B TCMx↑
		ACM11LB						A ↓ B↑
		ICM14BE						A ↓ B↓
	QC	AW800 21204 MSB		Cu			TXO'd	
		21205 MBLk			60			
	E034	AW800 21206						BHC's
		21207 MS						
		21208 SD						
	D949	21211						
		21212			65			
		21213						
		21214						
		ICM25Z4						ADDT↓-16.1 B DDT↓-16.5
		ICM3QM						AOK BOK
	D950	AW800 21215			70			
		21216		Cu				
		21217						
		21218						
	QC 12-1	AW800 14956 MSB						
		14957 MSBD			75			+
		14958 MBLk						
		ICM25Z4						ADRT↓flag↓ B DDT↓ methoxy↓

293/356

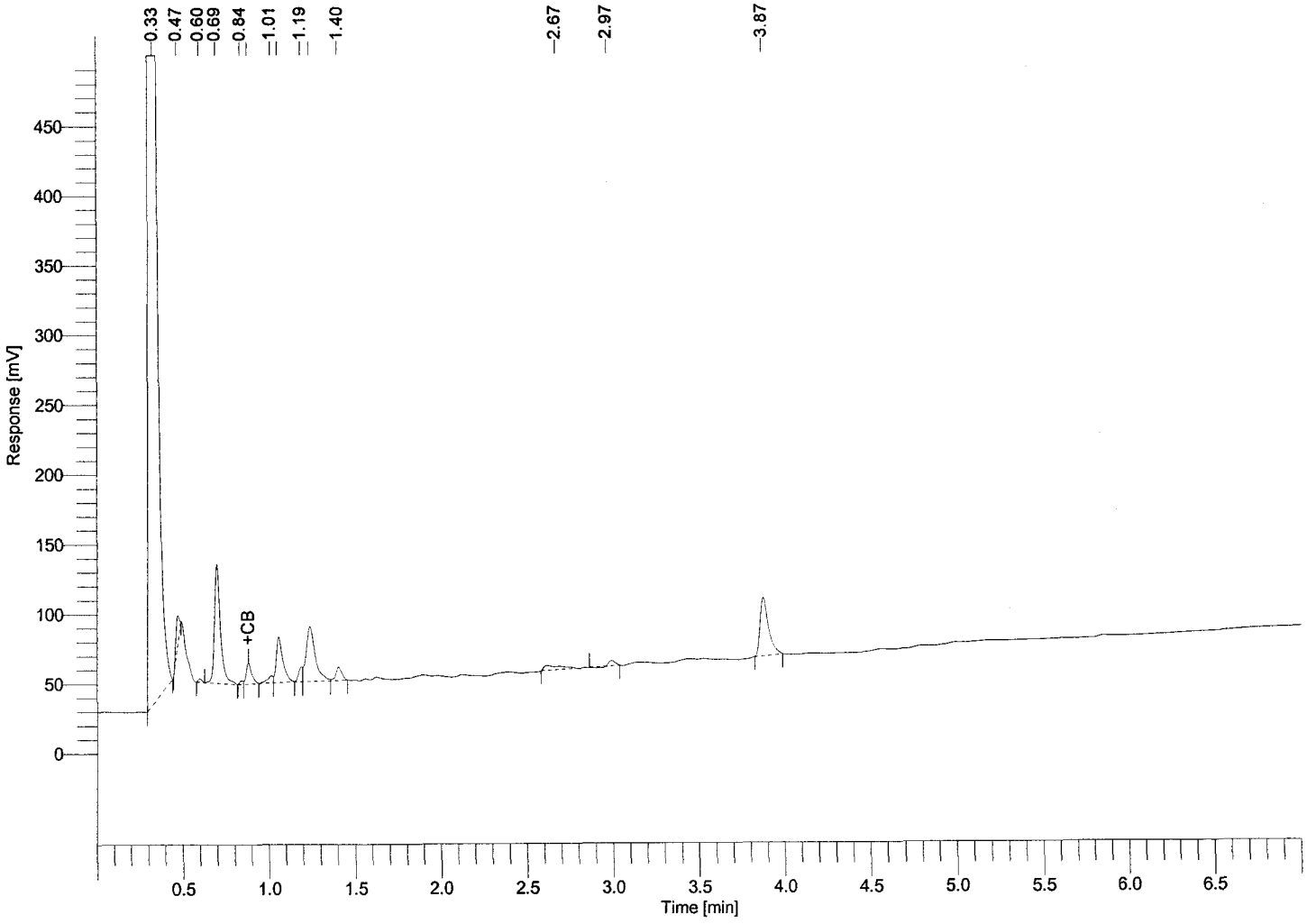
Rev.0
12/20/2007

000032

Reviewed By: Date:

Software Version	: 6.2.1.0.104:0104	Date	: 11/07/2008 12:46:57
Reprocess Number	: buf2042: 220598		
Sample Name	: AW80021206	Data Acquisition Time	: 11/07/2008 07:46:31
Instrument Name	: HP5890-16	Channel	: A
Rack/Vial	: 0/0	Operator	: tchrom
Sample Amount	: 1.000000	Dilution Factor	: 1.000000
Cycle	: 10		

Result File : H:\TURBO6\5890-16\16a09109.rst
Sequence File : H:\TURBO6\5890-16\16D09.seq



PCB Screen

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name	NG conc.	Dilution Needed
	1.25		0	322217	AR1242	0.08702	0
	1.65		0	183094	AR1248	0.03365	0
	2.65		0	33314	AR1260	0.00562	0
				538625			

Metals Data

TESTAMERICA LABORATORIES INC.

Olin Corporation

COVER PAGE - INORGANIC ANALYSIS DATA PACKAGE

Contract: NY02-399 SDG No.: A08-E034

Lab Code: TALBFLO Case No.: SAS No.:

SOW No.:

Sample ID.	Lab Sample No.
IWS-MS1-110508-LCRS	A8E03401
IWS-MS1-110508-LCRS\MS	A8E03401MS
IWS-MS1-110508-LCRS\SD	A8E03401SD

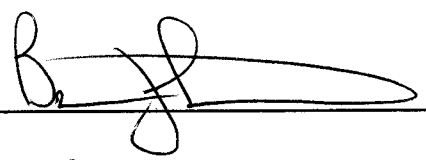
Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature:  Name: Brian Fischer

Date: 12-11-08 Title: Project Manager

TESTAMERICA LABORATORIES INC.

Olin Corporation

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: Olin Corporation **SDG No.:** A08-E034 **Method Type:**

Sample ID: A8E03401 **Client ID:** IWS-MS1-110508-LCRS

Matrix: WATER **Date Received:** 11/5/2008 **Date Collected:** 11/5/2008 **Level:** LOW

% Solids: **Sample Wt/Vol:** 30.0 **Final Vol:** 50.0

Prep Batch ID: A8B25774 **Prep Date:** 11/11/2008

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Analytical Time	Instrument	Run	M
Mercury	**3.7**	**ug/L**		**N**	**0.200**	0.200	**1**	**11/11/2008**	**18:01:15**	LEEMAN PS2	H11118W2	CV

Comments:

TESTAMERICA LABORATORIES INC.

Olin Corporation

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Initial Calibration Source: _____

Continuing Calibration Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Mercury	3.0	3.10	103	2.0	2.06	103	2.04	102	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Olin Corporation

-2A-

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Initial Calibration Source: _____

Continuing Calibration Source:

Concentration Units: ug/L

Analyte	Initial Calibration			Continuing Calibration					
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				2.0	2.03	102	2.01	100	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

TESTAMERICA LABORATORIES INC.

Olin Corporation
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A08-E034

AA CRDL Standard Source: _____

ICP CRDL Standard Source:

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.21	105					

Comments:

TESTAMERICA LABORATORIES INC.

Olin Corporation
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A08-E034

AA CRDL Standard Source: _____

ICP CRDL Standard Source:

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.18	90					

Comments:

TESTAMERICA LABORATORIES INC.

Olin Corporation
-2B-
CRDL STANDARD FOR AA AND ICP

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A08-E034

AA CRDL Standard Source: _____

ICP CRDL Standard Source:

Concentration Units: ug/L

Analyte	CRDL Standard for AA			CRDL Standard for ICP				
				Initial			Final	
	True	Found	%R	True	Found	%R	Found	%R
Mercury	0.2	0.20	100					

Comments:

Olin Corporation

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Olin Corporation **SDG No.:** A08-E034

Contract: NY02-399 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result ug/L	Conc Qual	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
ICB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	17:50	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	17:54	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	18:14	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	18:23	LEEMAN PS20	H11118W2
CCB	Mercury	0.120	U	0.120	0.120	CV	11/11/2008	18:41	LEEMAN PS20	H11118W2

Olin Corporation
- 3b -
PREPARATION BLANK SUMMARY

Client: Olin Corporation **SDG No.:** A08-E034

Contract: NY02-399 **Lab Code:** TALBFLO **Case No.:** **SAS No.:**

Sample ID	Analyte	Result (ug/L)	Conc Qual	Q	RL	RL	M	Analysis Date	Analysis Time	Instrument	Run
AD866179-11/11/08			**WATER**								
	Mercury	0.200	U		0.200	0.200	CV	11/11/2008	18:37	LEEMAN PS20	H11118W2

TESTAMERICA LABORATORIES INC.

Olin Corporation

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

IWS-MS1-110508-LCRS\MS

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	70 - 130	8.2500		3.7000		6.67	68	N	CV

Comments: _____

TESTAMERICA LABORATORIES INC.

Olin Corporation

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

IWS-MS1-110508-LCRS\SD

Contract: NY02-399

Lab Code: TALBFLO Case No.: SAS No.: SDG NO.: A08-E034

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	70 - 130	8.8000		3.7000		6.67	76		CV

Comments:

TESTAMERICA LABORATORIES INC.

Olin Corporation
-6-
DUPLICATES

SAMPLE NO.

IWS-MS1-110508-LCRS\SD

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury		8.2500		8.8000		6		CV

TESTAMERICA LABORATORIES INC.

Olin Corporation

-7-

LABORATORY CONTROL SAMPLE

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Solid LCS Source: _____

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits	%R
Mercury	3.3	3.28	99					

Comments: _____

TESTAMERICA LABORATORIES INC.

Olin Corporation

-10-

INSTRUMENT DETECTION LIMITS (QUARTERLY)

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

ICP ID Number: _____ Date: 10/8/2008

Flame AA ID Number: LEEMAN PS200II

Furnace AA ID Number:

Analyte	Wave-length (nm)	Back-ground	RL (ug/L)	RL (ug/L)	M
Mercury	253.70		0.2	0.2	CV

Comments: _____

TESTAMERICA LABORATORIES INC.

Olin Corporation

-13-

PREPARATION LOG

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG NO.: A08-E034

Method: CV Prep Method: _____

Sample ID	Preparation Date	Initial Volume	Final Volume(mL)
IWS-MS1-110508-LCRS	11/11/2008	30.0	50.0
IWS-MS1-110508-LCRS\	11/11/2008	30.0	50.0
IWS-MS1-110508-LCRS\	11/11/2008	30.0	50.0
AD866178-LFB	11/11/2008	30.0	50.0
AD866179-MBLK	11/11/2008	30.0	50.0

Comments:

TESTAMERICA LABORATORIES

Olin Corporation

-14-

ANALYSIS RUN LOG

Contract: NY02-399

Lab Code: TALBFLO Case No.: _____ SAS No.: _____ SDG No.: A08-E034

Instrument ID Number: LEEMAN PS200II Method: CV

Start Date: 11/11/2008 End Date: 11/11/2008

Sample ID.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1.00	17:48																X									
ICB	1.00	17:50																X									
CRA	1.00	17:51																X									
CCV	1.00	17:53																X									
CCB	1.00	17:54																X									
ZZZZZZ	1.00	17:56																										
ZZZZZZ	1.00	17:57																										
ZZZZZZ	1.00	17:59																										
IWS-MS1-110508-LCR	1.00	18:01																X									
ZZZZZZ	1.00	18:02																										
IWS-MS1-110508-LCR	1.00	18:04																X									
IWS-MS1-110508-LCR	1.00	18:05																X									
ZZZZZZ	1.00	18:07																										
ZZZZZZ	1.00	18:09																										
ZZZZZZ	1.00	18:10																										
CCV	1.00	18:12																X									
CCB	1.00	18:14																X									
ZZZZZZ	1.00	18:15																										
ZZZZZZ	1.00	18:16																										
ZZZZZZ	1.00	18:18																										
ZZZZZZ	1.00	18:19																										
CRA	1.00	18:21																X									
CCV	1.00	18:22																X									
CCB	1.00	18:23																X									
ZZZZZZ	1.00	18:34																										
AD866178-LFB	1.00	18:36																X									
AD866179-MBLK	1.00	18:37																X									
CRA	1.00	18:38																X									
CCV	1.00	18:40																X									
CCB	1.00	18:41																X									

* - Denotes additional elements (other than the standard CLP elements) are represented on another Form 14

Metals Raw Data

METALS DIGESTION LOG
A8B25774 - 11/11/2008 SW/MC Total Hg Water W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After		Clarity Before/After		Textur
/11/08	13:00	MM	A08-D608	A8D60802	A	FS	AD866156	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-D893	A8D89301	A	FS	AD866157	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-D902	A8D90201	A	FS	AD866158	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-D962	A8D96201	A	FS	AD866159	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-D962	A8D96202	A	FS	AD866160	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-D963	A8D96302	A	FS	AD866161	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-D969	A8D96901	A	FS	AD866162	A	MERCURY	15.00	50.00					
/11/08	13:00	MM	A08-E014	A8E01402	A	FS	AD866163	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E018	A8E01801	A	FS	AD866164	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E018	A8E01802	A	FS	AD866165	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E018	A8E01803	A	FS	AD866166	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E021	A8E02101	A	FS	AD866167	A	MERCURY	5.00	50.00					SLUDGE
/11/08	13:00	MM	A08-E025	A8E02501	A	FS	AD866168	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E025	A8E02502	A	FS	AD866169	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E025	A8E02503	A	FS	AD866170	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E025	A8E02504	A	FS	AD866171	A	MERCURY	30.00	50.00					
/11/08	13:00	MM	A08-E025	A8E02505	A	FS	AD866172	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM	A08-E025	A8E02506	A	FS	AD866173	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM	A08-E034	A8E03401	A	FS	AD866174	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM	A08-E034	A8E03401MS	A	MS	AD866175	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM	A08-E034	A8E03401SD	A	SD	AD866176	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM	A08-E047	A8E04701	A	FS	AD866177	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM		A8B2577401	A	LCS	AD866178	A	MERCURY	30.00	50.00					
1/11/08	13:00	MM		A8B2577402	A	MBLK	AD866179	A	MERCURY	30.00	50.00					

Comments: Samples A8D96901 and A8E02101 were digested at reduced initial volume due to high reactivity of the sample matrix with KMnO4.

The batch was digested using an additional 5mL (2x) potassium permanganate (KMnO4) due to high

313/356

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

METALS DIGESTION LOG
A8B25774 - 11/11/2008 SW/MC Total Hg Water W1 (Closed)
AQUEOUS

Date	Time	Dig Emp	Jobno	Sample ID	Bot ID	Sample Type	Digest ID	Vl	Analysis Type	Initial Vl (ml)	Final (ml)	Color Before/After	Clarity Before/After	Textur

consumption by some samples.

EPPENDORFS USED TO ADD SPIKES:
08-11-08 HGL5 2.0mL; 08-11-08 HGL4 1.0mL; 08-11-08 HGL3 0.5mL
EPPENDORFS USED TO DISPENSE SET VOLUMES:
08-11-08 HGL1 0.1mL
08-11-08 HGL2 0.2mL
08-11-08 HGL3 0.5mL
08-11-08 HGL4 1.0mL
08-11-08 HGL5 2.0mL
08-11-08 HGL6 2.5mL
08-11-08 HGL7 5.0mL
MERCURY BATCH ADDITIONS:
1.) Hg LCS/MS/SD (W) 8-149-D
2.) Potassium Persulfate 8-122-R
3.) Potassium Permanganate 8-130-Q
4.) Stannous Chloride 8-124-U
5.) Hydroxylamine Hydrochloride 8-114-S
6.) Hg LCS (ERA Soil - lot#D058) 04-MDL-17
Silicon(IV) Oxide 99.995% 07-MDL-04 Lot# C20T032 (Soil Only)
Conc. Nitric Acid Mallinkrodt Lot# G02061
Conc. HCl Acid Mallinkrodt Lot# G06A25
Conc. Sulfuric Acid Mallinkrodt Lot# G20022
Hot Block A Temp From Designated Cell: (96)°C
Hot Block B Temp From Designated Cell: (98)°C
Temp Criteria: 95(+-)3°C
Digestion Cups: Environmental Express Lot# A805LS309

olor: Black Gray Red Yellow
Blue Green Violet Colorless
Brown Orange White

Clarity: Clear
Cloudy
Opaque

Texture: Fine (powdery)
Medium (sand)
Coarse (large crystals or rocks)

Redigestion

315/356
11-11-2008
L1 (PM)
G11118W1

WinHg Database 1.1

File Utility Help

RN⇩ RN⇧ ?

Protocol hgppb Dataset/Proto G11118W1/hgppb

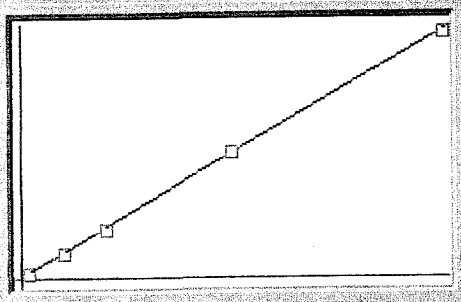
Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs

A
B 1.87270e-5
C -1.76826e-2
rho .999974

☑ Calibrated
☑ Accepted
Accept
Type Linear

Rel. Abs. 533833
Accepted
New



Include S7 Rep 1 2 3 4 5

Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.023	-.023	-280	332	-648	-2	-188
02	.20000	.204	.004	11825	7.79%	12887	11246	11341
03	1.0000	1.02	.016	55207	0.67%	54987	55000	55633
04	2.0000	1.98	-.022	106546	2.16%	109054	106056	104530
05	5.0000	5.05	.046	270392	2.89%	264413	267532	279229
06	10.000	9.98	-.021	533834	0.84%	538916	532224	530361

Ready CAP NUM

8-149-K
-I
-F
-G
-H
-J

Folder: G11118W1
Protocol: hgppb
POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

8-149-J

*** Check Standard: 2 Ck2ICV Seq: 1 15:25:56 11 Nov 08 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg H 107. 3.21 3.00 ppb .000

Rerun

*** Check Standard: 2 Ck2ICV Seq: 2 15:27:20 11 Nov 08 HG
Line Flag %Rcv. Found True Units SD/RSD
J Hg H 107. 3.20 3.00 ppb .000

↑ MCRWW, OKSW963

*** Check Standard: 1 Ck1ICB/CCB Seq: 3 15:28:41 11 Nov 08 HG
Line Flag Found Range(+/-) Units SD/RSD
K Hg -.000 .200 ppb .000

*** Check Standard: 4 Ck4CRA Seq: 4 15:30:04 11 Nov 08 HG
Line Flag %Rcv. Found True Units SD/RSD
L Hg 96.5 .193 .200 ppb .000

*** Check Standard: 3 Ck3CCV Seq: 5 15:31:24 11 Nov 08 HG
Line Flag %Rcv. Found True Units SD/RSD
M Hg 107. 2.14 2.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 6 15:33:08 11 Nov 08 HG
Line Flag Found Range(+/-) Units SD/RSD
K Hg -.014 .200 ppb .000

*** Sample ID: AD866156 Seq: 7 15:34:28 11 Nov 08 HG

X Hg -.042 ppb .000 -.042

*** Sample ID: AD866157 Seq: 8 15:35:58 11 Nov 08 HG

Hg -.007 ppb .000 -.007

*** Sample ID: AD866158 Seq: 9 15:37:18 11 Nov 08 HG

Hg -.046 ppb .000 -.046

*** Sample ID: AD866159 Seq: 10 15:39:09 11 Nov 08 HG

Hg -.023 ppb .000 -.023

*** Sample ID: AD866160 Seq: 11 15:41:13 11 Nov 08 HG

Hg -.039 ppb .000 -.039

*** Sample ID: AD866161 Seq: 12 15:42:38 11 Nov 08 HG

Hg .014 ppb .000 .014

*** Sample ID: AD866162 Seq: 13 15:44:02 11 Nov 08 HG

X Hg .914 ppb .000 .914

Folder: G11118W1
Page
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD866163				Seq: 14	15:45:24 11 Nov 08	HG		
Hg	.084	ppb	.000	.084				
*** Sample ID: AD866164				Seq: 15	15:47:25 11 Nov 08	HG		
Hg	.018	ppb	.000	.018				
*** Sample ID: AD866165				Seq: 16	15:48:48 11 Nov 08	HG		
Hg	.023	ppb	.000	.023				
*** Check Standard: 3 Ck3CCV				Seq: 17	15:50:13 11 Nov 08	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	H	110.	2.20	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 18	15:51:45 11 Nov 08	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		-.017	.200	ppb	.000			
*** Sample ID: AD866166				Seq: 19	15:53:31 11 Nov 08	HG		
Hg	.135	ppb	.000	.135				
*** Sample ID: AD866167				Seq: 20	15:54:52 11 Nov 08	HG		
Hg	1.81	ppb	.000	1.81				
*** Sample ID: AD866168				Seq: 21	15:56:23 11 Nov 08	HG		
Hg	-.040	ppb	.000	-.040				
*** Sample ID: AD866169				Seq: 22	15:57:45 11 Nov 08	HG		
Hg	.005	ppb	.000	.005				
*** Sample ID: AD866170				Seq: 23	15:59:07 11 Nov 08	HG		
Hg	.001	ppb	.000	.001				
*** Sample ID: AD866171				Seq: 24	16:00:27 11 Nov 08	HG		
Hg	-.016	ppb	.000	-.016				
*** Sample ID: AD866172				Seq: 25	16:01:59 11 Nov 08	HG		
Hg	-.014	ppb	.000	-.014				
*** Sample ID: AD866173				Seq: 26	16:03:44 11 Nov 08	HG		
Hg	.013	ppb	.000	.013				

Folder: G11118W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD866174				Seq: 27	16:05:18 11 Nov 08	HG		
Hg	2.35	ppb	.000	2.35				
*** Sample ID: AD866174L				Seq: 28	16:06:50 11 Nov 08	HG		
			1:5					
Hg	.447	ppb	.000	.447				
*** Check Standard: 3 Ck3CCV				Seq: 29	16:08:11 11 Nov 08	HG		
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg	H	112.	2.24	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 30	16:09:51 11 Nov 08	HG		
Line	Flag	Found	Range(+/-)	Units	SD/RSD			
Hg		.010	.200	ppb	.000			
*** Sample ID: AD866175				Seq: 31	16:11:17 11 Nov 08	HG		
			+4 PPB					
Hg	5.06	ppb	.000	5.06				
*** Sample ID: AD866176				Seq: 32	16:13:12 11 Nov 08	HG		
			+4 PPB					
Hg	5.40	ppb	.000	5.40				
*** Sample ID: AD866177				Seq: 33	16:14:35 11 Nov 08	HG		
Hg	-.036	ppb	.000	-.036				
*** Sample ID: AD866178				Seq: 34	16:16:10 11 Nov 08	HG		
SPIKED								
Hg	2.18	ppb	.000	2.18				
*** %Rec. ID: AD866178				Seq: 35	16:16:10 11 Nov 08	HG		
			Spikes =1	Unspiked =0				
	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)	
Hg	2.00	ppb	109.	.000	.000	2.18	.000	
*** Sample ID: AD866179				Seq: 36	16:17:50 11 Nov 08	HG		
Hg	-.015	ppb	.000	-.015				
*** Sample ID: AD866180				Seq: 37	16:19:12 11 Nov 08	HG		
Hg	.034	ppb	.000	.034				
*** Sample ID: AD866181				Seq: 38	16:20:52 11 Nov 08	HG		
Hg	-.011	ppb	.000	-.011				
*** Sample ID: AD866182				Seq: 39	16:22:33 11 Nov 08	HG		
Hg	-.020	ppb	.000	-.020				

Folder: G11118W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5		
*** Sample ID: AD866183					Seq: 40	16:24:05 11 Nov 08			HG	
Hg	.005	ppb	.000	.005						=
*** Sample ID: AD866184					Seq: 41	16:26:12 11 Nov 08			HG	
Hg	.005	ppb	.000	.005						=
*** Check Standard: 3 Ck3CCV					Seq: 42	16:27:55 11 Nov 08			HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD				
Hg	H	111	2.21	2.00	ppb	.000				=
*** Check Standard: 1 Ck1ICB/CCB					Seq: 43	16:29:28 11 Nov 08			HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD				
Hg		.005	.200	ppb		.000				=
*** Sample ID: AD866185					Seq: 44	16:30:48 11 Nov 08			HG	
Hg	.009	ppb	.000	.009						=
*** Sample ID: AD866186					Seq: 45	16:32:45 11 Nov 08			HG	
Hg	-.042	ppb	.000	-.042						=
*** Sample ID: AD866187					Seq: 46	16:34:06 11 Nov 08			HG	
Hg	-.028	ppb	.000	-.028						=
*** Sample ID: AD866187L					Seq: 47	16:35:59 11 Nov 08			HG	
			1:5							
Hg	.037	ppb	.000	.037						=
*** Sample ID: AD866188					Seq: 48	16:37:40 11 Nov 08			HG	
			+4 PPB							
Hg	4.42	ppb	.000	4.42						=
*** Sample ID: AD866189					Seq: 49	16:39:11 11 Nov 08			HG	
			+4 PPB							
Hg	4.32	ppb	.000	4.32						=
*** Sample ID: AD866190					Seq: 50	16:40:37 11 Nov 08			HG	
Hg	-.031	ppb	.000	-.031						=
*** Sample ID: AD866191					Seq: 51	16:41:57 11 Nov 08			HG	
Hg	.001	ppb	.000	.001						=
*** Sample ID: AD866192					Seq: 52	16:43:20 11 Nov 08			HG	
Hg	-.014	ppb	.000	-.014						=

Folder: G11118W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID: AD866193				Seq: 53		16:45:04 11 Nov 08		HG	
Hg	-.037	ppb	.000	-.037					=
*** Check Standard: 3 Ck3CCV				Seq: 54		16:46:29 11 Nov 08		HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		109. ✓	2.18	2.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 55		16:47:59 11 Nov 08		HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD			
Hg		-.012 ✓	.200	ppb		.000			=
*** Sample ID: AD866194				Seq: 56		16:49:30 11 Nov 08		HG	
Hg	-.024	ppb	.000	-.024					=
*** Sample ID: AD866195				Seq: 57		16:50:56 11 Nov 08		HG	
Hg	-.004	ppb	.000	-.004					=
*** Sample ID: AD866196				Seq: 58		16:52:20 11 Nov 08		HG	
X Hg	.007	ppb	.000	.007					=
*** Sample ID: AD866197				Seq: 59		16:53:41 11 Nov 08		HG	
X Hg	.038	ppb	.000	.038					=
*** Sample ID: AD866198				Seq: 60		16:55:48 11 Nov 08		HG	
Hg	-.028	ppb	.000	-.028					=
*** Sample ID: AD866199				Seq: 61		16:57:09 11 Nov 08		HG	
Hg	.009	ppb	.000	.009					=
*** Sample ID: AD866200				Seq: 62		16:58:41 11 Nov 08		HG	
Hg	-.024	ppb	.000	-.024					=
*** Sample ID: AD866201				Seq: 63		17:00:04 11 Nov 08		HG	
Hg	.009	ppb	.000	.009					=
*** Sample ID: AD866202				Seq: 64		17:02:35 11 Nov 08		HG	
SPIKED Hg	2.12	ppb ✓	.000	2.12					=
*** %Rec. ID: AD866202				Seq: 65		17:02:35 11 Nov 08		HG	
				Spikes =1	Unspiked =0				
	Spike			%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)	
Hg	2.00	ppb	✓	106.	.000	.000	2.12	.000	=

Folder: G11118W1
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD866203 Seq: 66 17:03:57 11 Nov 08 HG

Hg	.009	ppb	.000	.009

*** Check Standard: 4 Ck4CRA Seq: 67 17:05:22 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		108.	.216	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 68 17:07:07 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	H	110.	2.21	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 69 17:08:58 11 Nov 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.017	.200	ppb	.000

WinHg Database 1.1

File Utility Help

RN↓ RN↑ ?

Protocol hgppb BUSY Dataset/Proto H11118W2/hgppb

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A

B 2.09628e-5

C -2.50668e-2

rho .999975

Calibrated

Accepted

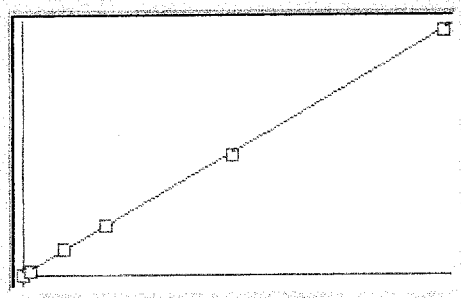
Accept

Type Linear

Rel. Abs. 479006

Accepted

New



Include S7 Rep 1 2 3 4 5

Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3
01	.00000	-.016	-.016	420	205	647	247	366
02	.20000	.199	-.001	10707	3.25%	10462	10553	11105
03	1.0000	1.03	.030	50325	0.65%	50342	49991	50644
04	2.0000	2.02	.017	97392	0.22%	97288	97643	97247
05	5.0000	4.95	-.046	237531	0.26%	237830	236833	237929
06	10.000	10.0	.016	479007	0.29%	479844	479788	477388

Ready CAP NUM

11-322/356

L2 (PM)

H11118W2

8-149-K

-E

-F

-G

-H

-I

Folder: H11118W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

8-149-J

*** Check Standard: 2 Ck2ICV Seq: 1 17:48:40 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	3.10	3.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 2 17:50:21 11 Nov 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.015	.200	ppb	.000

K

*** Check Standard: 4 Ck4CRA Seq: 3 17:51:42 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	.205	.200	ppb	.000

L

*** Check Standard: 3 Ck3CCV Seq: 4 17:53:12 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	2.06	2.00	ppb	.000

M

*** Check Standard: 1 Ck1ICB/CCB Seq: 5 17:54:58 11 Nov 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.001	.200	ppb	.000

K

*** Sample ID: AD866156 Seq: 6 17:56:19 11 Nov 08 HG

Hg	-.024	ppb	.000	-.024

*** Sample ID: AD866162 Seq: 7 17:57:53 11 Nov 08 HG

Hg	.921	ppb	.000	.921

*** Sample ID: AD866163 Seq: 8 17:59:13 11 Nov 08 HG

Hg	.090	ppb	.000	.090

*** Sample ID: AD866174 Seq: 9 18:01:15 11 Nov 08 HG

Hg	2.22	ppb	.000	2.22

*** Sample ID: AD866174L Seq: 10 18:02:55 11 Nov 08 HG

1:5

Hg	.444	ppb	.000	.444

*** Sample ID: AD866175 Seq: 11 18:04:35 11 Nov 08 HG

+4 PPB

Hg	4.95	ppb	.000	4.95

*** Sample ID: AD866176 Seq: 12 18:05:59 11 Nov 08 HG

+4 PPB

Hg	5.28	ppb	.000	5.28

wrong sample run - Rerun. X

*** Sample ID: AD866177 Seq: 13 18:07:56 11 Nov 08 HG

Hg	1.86	ppb	.000	1.86

Folder: H11118W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: AD866178 SPIKED				Seq: 14		18:09:22 11 Nov 08	HG	
Hg	-.020	ppb	.000	-.020				
*** %Rec. ID: AD866178				Seq: 15		18:09:22 11 Nov 08	HG	
				Spikes =1	Unspiked =0			
	Spike			%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	4.00	L ppb		-.491	.000	.000	-.020	.000
*** Sample ID: AD866179				Seq: 16		18:10:47 11 Nov 08	HG	
Hg	-.010	ppb	.000	-.010				
*** Check Standard: 3 Ck3CCV				Seq: 17		18:12:29 11 Nov 08	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		102.	2.04	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 18		18:14:01 11 Nov 08	HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD		
Hg		-.006	.200	ppb		.000		
*** Sample ID: AD866196				Seq: 19		18:15:24 11 Nov 08	HG	
Hg	.010	ppb	.000	.010				
*** Sample ID: AD866197				Seq: 20		18:16:55 11 Nov 08	HG	
Hg	.084	ppb	.000	.084				
*** Sample ID: AD866202 SPIKED				Seq: 21		18:18:18 11 Nov 08	HG	
Hg	1.91	ppb	.000	1.91				
*** %Rec. ID: AD866202				Seq: 22		18:18:18 11 Nov 08	HG	
				Spikes =1	Unspiked =0			
	Spike			%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	~~4.00~~ 2ppb	L ppb		47.8	.000	.000	1.91	.000
*** Sample ID: AD866203				Seq: 23		18:19:41 11 Nov 08	HG	
Hg	-.014	ppb	.000	-.014				
*** Check Standard: 4 Ck4CRA				Seq: 24		18:21:03 11 Nov 08	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		91.4	.183	.200	ppb	.000		
*** Check Standard: 3 Ck3CCV				Seq: 25		18:22:26 11 Nov 08	HG	
Line	Flag	%Rcv.	Found	True	Units	SD/RSD		
Hg		102.	2.03	2.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 26		18:23:56 11 Nov 08	HG	
Line	Flag	Found	Range(+/-)	Units		SD/RSD		
Hg		-.002	.200	ppb		.000		
*** Sample ID: AD866177				Seq: 27		18:34:23 11 Nov 08	HG	
Hg	.006	ppb	.000	.006				

95.6% 11/11/08 PK

Folder: H11118W2
Protocol: hgppb
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: AD866178 Seq: 28 18:36:05 11 Nov 08 HG

SPIKED

Hg	1.97	ppb	.000	1.97

*** %Rec. ID: AD866178 Seq: 29 18:36:05 11 Nov 08 HG

Spikes =1 Unspiked =0

	Spike		%Rcv.	Avg(U)	SD(U)	Avg(S)	SD(S)
Hg	~~4.00~~ 2	ppb	49.3	.000	.000	1.97	.000

*** Sample ID: AD866179 Seq: 30 18:37:37 11 Nov 08 HG

Hg	-.022	ppb	.000	-.022

*** Check Standard: 4 Ck4CRA Seq: 31 18:38:58 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	.203	.200	ppb	.000

*** Check Standard: 3 Ck3CCV Seq: 32 18:40:22 11 Nov 08 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	2.01	2.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 33 18:41:53 11 Nov 08 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.005	.200	ppb	.000

Wet Chemistry Data

Wet Chemistry Analysis

Client Sample No.: IWS-MS1-110508-LCRS

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A8E03401

% Solids: 0.0 Date Samp/Recv: 11/05/2008 11/05/2008

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Soluble Organic Carbon	MG/L	4.8				5310 D	11/11/2008
Total Suspended Solids	MG/L	160				2540D	11/08/2008

Comments:

Laboratory: A
oject Manager: BJF

Client Name	Project No	Tsk No	Parameter	TDL Type	Protcl	Method	Test	T M	UM	CDL	TDL	MDL	E X	E T	J	E T
Fraction: WC																
in Corporation	NY1A8693	2	Soluble Organic Carbon	EQL	SM20	5310 D	CTA13971	W	MG/L		1.00000	0.36000	N			
in Corporation	NY1A8693	2	Total Suspended Solids	EQL	SM20	2540D	CTA13972	W	MG/L		4.00000	4.00000	N			

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- Exception Types: N - MDL "Not Found" * - TDL=0 or MDL=0 M - MDL>CDL (TDL Type CDL) or MDL>TDL (TDL Type CRQL,EQL) E - TDL>CDL (TDL Type CDL)

SAMPLE DATE 11/05/2008

ient Sample ID: IWS-MS1-110508-LCRS IWS-MS1-110508-LCRS IWS-MS1-110508-LCRS
Lab Sample ID: A8E03401 A8E03401MS A8E03401SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS RPD	QC LIMITS REC.
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg			
ET CHEMISTRY ANALYSIS												
OLIN - 5310 D - SOLUBLE ORGANIC CARBON	MG/L	4.77	24.40	26.03	20.00	20.00	98	106	102	8	20.0	54-131

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Indicates Result is outside QC Limits
C = Not Calculated ND = Not Detected

.ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2569002 A8B2569001

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
/ET CHEMISTRY ANALYSIS					
OLIN - 2540D - TOTAL SUSPENDED SOLIDS	MG/L	641.0	706.0	91	88-110

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* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

ient Sample ID: Method Blank LCS
Lab Sample ID: A8B2584802 A8B2584801

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
ET CHEMISTRY ANALYSIS					
OLIN - 5310 D - SOLUBLE ORGANIC CARBON	MG/L	28.92	30.00	96	90-110

331/356

' Indicates Result is outside QC Limits
IC = Not Calculated ND = Not Detected

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2584802 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 11/11/2008 Time Analyzed (1): 20:47

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	IWS-MS1-110508-LCRS	A8E03401	11/11/2008	20:47
2	IWS-MS1-110508-LCRS	A8E03401MS	11/11/2008	20:47
3	IWS-MS1-110508-LCRS	A8E03401SD	11/11/2008	20:47
4	LCS	A8B2584801	11/11/2008	20:47

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A8B2584802

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Soluble Organic Carbon	MG/L	1.0	U			5310 D	11/11/2008

Comments:

WET CHEMISTRY
METHOD BLANK SUMMARY

Client No.

Method Blank

Lab Name: TestAmerica Laborat Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Lab Sample ID: A8B2569002 Lab File ID: _____

Matrix: (soil/water) WATER Instrument ID (1): _____

Date Analyzed (1): 11/08/2008 Time Analyzed (1): 12:10

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	TIME ANALYZED
1	IWS-MS1-110508-LCRS	A8E03401	11/08/2008	12:10
2	LCS	A8B2569001	11/08/2008	12:10

Comments: _____

Wet Chemistry Analysis

Client Sample No.

Method Blank

Lab Name: TestAmerica Laboratories Inc. Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: A8B2569002

% Solids: 0.0 Date Samp/Recv: _____ _____

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Suspended Solids	MG/L	4.0	U			2540D	11/08/2008

Comments:

_____

_____

_____

_____

Wet Chemistry Raw Data

WET CHEMISTRY BATCH SUMMARY

PARAMETER TSS METHOD 2540D BATCH ABB25690

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant? YES NO (NA) IF NO, Why? _____
LCS/CCV Compliant? (YES) NO NA IF NO, Why? _____
CCB Compliant? (YES) NO NA IF NO, Why? _____
RPD Compliant? (YES) NO NA IF NO, Why? _____
ERA Compliant? YES NO (NA) IF NO, Why? _____

NUMBER of REANALYSIS FOR THIS BATCH: 0

Analyst JM Date 11/8/08

Time Critical Batch Review _____ Date _____

Secondary Review & Closure _____ Date _____

Laboratory Bench Sheet
Total Suspended Solids
Revision 3 - November 2007

TestAmerica - Buffalo

Analyst:	JM		LCS Information:					SRM Information:				BATCH #	A8B25690
Start Date	11/8/2008		Lot #	A00WCR13-16				Lot #					
Start Time:	12:10		Prep Date:					Prep Date:					
End Date:	11/8/2008		Concentration (mg/L)					Concentration (mg/L):					
End Time:	13:10		Expiration Date:					Expiration Date:					
SOP Information			LCS	True value:				SRM		True value			
Number:	AWC-160.2-36					Oven #1		Initial Temp	105	Oven # 4	Initial Temp		
			RV:					Final Temp			Final Temp		
			EQL:	4.0	mg/L			Oven Temperature Range= 103-105					

Job#	Sample ID	CCV	Dish	Sample	Pre-wt.	# 1 Post Wt	# 2 Post Wt	# 3 Post Wt	Dilution	Post wt-Pre wt	Final Conc.	% Rec.
		True		Amount	(g)	(g)	(g)	(g)		(mg)	(mg/L)	
		Value		(mL)								
	LCS	706	1	100.0	2.7553	2.8195	2.8194		10.00	64.1	641.0	91%
	MBLK		2	1000.0	2.7425	2.7415	2.7415		1.00	-1.0	ND	
D964	08		3	250.0	2.7336	2.7343	2.7345		4.00	0.9	3.6	
D966	01		4	250.0	2.7723	2.7765	2.7765		4.00	4.2	16.8	
	02		5	250.0	2.7594	2.7595	2.7594		4.00	0.0	0.0	
D969	01	DARK	6	30.0	2.7510	2.8095	2.8096		33.33	58.6	1953.3	
D994	01		7	250.0	2.7332	2.7318	2.7321		4.00	-1.1	ND	
	02		8	250.0	2.7412	2.7404	2.7405		4.00	-0.7	ND	
	03		9	250.0	2.7310	2.7313	2.7315		4.00	0.5	2.0	
	04		10	250.0	2.7330	2.7334	2.7335		4.00	0.5	2.0	
	05		11	250.0	2.7455	2.7448	2.7447		4.00	-0.8	ND	
E047	01		12	250.0	2.7550	2.7548	2.7548		4.00	-0.2	ND	
E080	01	DARK	13	160.0	2.7482	2.7597	2.7600		6.25	11.8	73.7	
E095	01	THICK	14	200.0	2.7579	2.8086	2.8086		5.00	50.7	253.5	
E203	05		15	250.0	2.7591	2.7574	2.7575		4.00	-1.6	ND	
	06		16	250.0	2.7529	2.7514	2.7513		4.00	-1.6	ND	

login approval

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Analyst:	JM	LCS Information:			SRM Information:			BATCH #	A8B25690
Start Date	11/8/2008	Lot #	A00WCR13-16		Lot #				
Start Time:	12:10	Prep Date:			Prep Date:				
End Date:	11/8/2008	Concentration (mg/L)			Concentration (mg/L):				
End Time:	13:10	Expiration Date:			Expiration Date:				
SOP Information		LCS	True value:		SRM		True value		
Number:	AWC-160.2-36			Oven #1	Initial Temp	105	Oven # 4	Initial Temp	
		RV:			Final Temp			Final Temp	
		EQL:	4.0 mg/L		Oven Temperature Range= 103-105				

Job#	Sample ID	CCV True Value	Dish	Sample Amount (mL)	Pre-wt. (g)	# 1 Post Wt (g)	# 2 Post Wt (g)	# 3 Post Wt (g)	Dilution	Post wt-Pre wt (mg)	Final Conc. (mg/L)	% Rec.
E034	01		17	250.0	2.7367	2.7765	2.7767		4.00	40.0	160.0	
E066	01		18	250.0	2.7492	2.7485	2.7487		4.00	-0.5	ND	
NO TSS →	02		19	250.0	2.7653	2.7655	2.7656		4.00	0.3	1.2	
	03		20	250.0	2.7508	2.7511	2.7513		4.00	0.5	2.0	RPD=ND
	03MD		21	250.0	2.7325	2.7320	2.7320		4.00	-0.5	ND	
	05		22	250.0	2.7601	2.7669	2.7671		4.00	7.0	28.0	
	LCS	660	23	100.0	2.7538	2.8159	2.8161		10.00	62.3	623.0	94%
	MBLK		24	1000.0	2.7586	2.7552	2.7555		1.00	-3.1	ND	
			25	250.0					4.00	0.0	0.0	
			26	250.0					4.00	0.0	0.0	
			27	250.0					4.00	0.0	0.0	
			28	250.0					4.00	0.0	0.0	
			29	250.0					4.00	0.0	0.0	
			30	250.0					4.00	0.0	0.0	
			31	250.0					4.00	0.0	0.0	
			32	250.0					4.00	0.0	0.0	

WET CHEMISTRY BATCH SUMMARY

PARAMETER TOX METHOD 9060 5310D BATCH 88B25848

COMMENTS	JOB NUMBER
WC Historical confirms within Hold Time	
WC Historical NO confirm & RE outside of HT	
WC Hold Time Exceedance-Dilution required	
WC Hold Time Exceedance-Instrument Failure	
WC Holding Time Exceedance by Date	
WC Holding Time Exceedance by Hours	
WC LCS within ERA limits outside internal	
WC LCS high recovery, sample ND	
WC MBLK hit but samples > 10X blank value	
WC RPD Exceedance for MS / SD	
WC Spike Failure HIGH MS only	
WC Spike Failure LOW MS only	
WC Spike Failure MS and SD	
WC BOD HT met- Oxygen depleted-RE out HT	
WC Carbonate Alkalinity, LCS/MBLK	
WC Reactivity Qualification	
WC TDS/Conductivity ratio outside of range	
WC TOX Breakthrough- no volume for redo	
WC TOX samples were centrifuged	
Other	

DILUTION CODES	REASON
002	Sample matrix effects
003	Excessive foaming
004	High levels of non-target compounds
008	High concentration of target analytes
009	Sample turbidity
010	Sample color
011	Insufficient volume for lower dilution
012	Sample viscosity
013	other

ICAL Compliant?	~~YES~~	NO	(NA)	IF NO, Why?
LCS/CCV Compliant?	(~~YES~~)	NO	NA	IF NO, Why?
CCB Compliant?	(~~YES~~)	NO	NA	IF NO, Why?
RPD Compliant?	(YES)	NO	NA	IF NO, Why?
ERA Compliant?	YES	NO	(NA)	IF NO, Why?

NUMBER of REANALYSIS FOR THIS BATCH: 4

Analyst KD Date 11/13/08

Time Critical Batch Review _____ Date _____

Secondary Review & Closure JM Date 11/15/08

WC Summary Rev5 / 05-2008

	Rinse	Dilution	Reps
1			
2	LCS		2
3	MBLK		
4	D954Q1		
5	01MD		
6	06		
7	06MS		
8	07		
9	08		
10	09		
11	10		
12	11		
13	12		
14	LCS		
15	MBLK		
16	D954I3		
17	14		
18	15		
19	16		
20	17		
21	18		
22	19		
23	D994Q1		
24	02		
25	03		
26	LCS		
27	MBLK		
28	D994Q4		
29	05		
30	E05961		
31	02		
32	E29261		
33	02		
34	03		
35	04		
36	05		
37	06		
38	LCS		
39	MBLK		
40	E29207		
41	E03401		
42	01MS		
43	01SD		
44	E10601		
45	02		
46	03		
47	E12301		
48	02		
49	03		
50	LCS		
51	MBLK		

Date: 11/1/08

Analyst: RP Greene

Batch# 1585848

Instrument # 1010

LCS = ERA Lot#

Actual value=

Range=

Date of Curve= 10-31-08

Range of Curve: 0-50ppm

1215766

Solutions C-20-G
12-26-C
D-16-C
D-16-B

pH Checked: ✓

****
** CALIBRATION **
****

103108 CURVE Fri Oct 31 21:42:40 2008

Std. #	Used	Conc. (ppm)	Volume (mL)
1	Yes	0.000	1.000
2	Yes	1.000	1.000
3	Yes	5.000	1.000
4	Yes	25.000	1.000
5	Yes	50.000	1.000

RF (ugC/k-cts):	1.410
R-Squared:	0.9995
Offset (cts):	387
Offset (ugC):	-0.546
Calibration Mode:	TOC
Allow Editing:	No

Rep	Std. 1	Std. 2	Std. 3	Std. 4	Std. 5
1	213	959	3967	18500	35840
2	233	992	3994	19026	35649
3	-	-	-	-	-
4	-	-	-	-	-
5	-	-	-	-	-
6	-	-	-	-	-
7	-	-	-	-	-
8	-	-	-	-	-
9	-	-	-	-	-
10	-	-	-	-	-

(* = unused)

****
** SEQUENCE **
****

111108 Tue Nov 11 20:36:04 2008

Pos/ Vial	Sample Name	Method	Run Type	# Rep	Vol (mL)	# Blk	Dil Fact	Ovr Rng	Remarks
1	RINSE	default	Sample	6	1.000	4	1.00	No	
2	LCS	default	Chk. 1	2	1.000	0	1.00	No	
3	MBLK	default	Sample	2	1.000	0	1.00	No	
4	D95404	default	Sample	2	1.000	0	1.00	No	
5	D95404MD	default	Sample	2	1.000	0	1.00	No	
6	D95406	default	Sample	2	1.000	0	1.00	No	
7	D95406MS	default	Sample	2	1.000	0	1.00	No	
8	D95407	default	Sample	2	1.000	0	1.00	No	
9	D95408	default	Sample	2	1.000	0	1.00	No	
10	D95409	default	Sample	2	1.000	0	1.00	No	
11	D95410	default	Sample	2	1.000	0	1.00	No	
12	D95411	default	Sample	2	1.000	0	1.00	No	
13	D95412	default	Sample	2	1.000	0	1.00	No	
14	LCS	default	Chk. 1	2	1.000	0	1.00	No	
15	MBLK	default	Sample	2	1.000	0	1.00	No	
16	D95413	default	Sample	2	1.000	0	1.00	No	
17	D95414	default	Sample	2	1.000	0	1.00	No	
18	D95415	default	Sample	2	1.000	0	1.00	No	
19	D95416	default	Sample	2	1.000	0	1.00	No	
20	D95417	default	Sample	2	1.000	0	1.00	No	
21	D95418	default	Sample	2	1.000	0	1.00	No	
22	D95419	default	Sample	2	1.000	0	1.00	No	
23	D99401	default	Sample	2	1.000	0	1.00	No	
24	D99402	default	Sample	2	1.000	0	1.00	No	
25	D99403	default	Sample	2	1.000	0	1.00	No	
26	LCS	default	Chk. 1	2	1.000	0	1.00	No	
27	MBLK	default	Sample	2	1.000	0	1.00	No	
28	D99404	default	Sample	2	1.000	0	1.00	No	
29	D99405	default	Sample	2	1.000	0	1.00	No	
30	E05901	default	Sample	2	1.000	0	1.00	No	
31	E05902	default	Sample	2	1.000	0	1.00	No	
32	E29201-F	default	Sample	2	1.000	0	1.00	No	
33	E29202-F	default	Sample	2	1.000	0	1.00	No	
34	E29203-F	default	Sample	2	1.000	0	1.00	No	
35	E29204-F	default	Sample	2	1.000	0	1.00	No	
36	E29205-F	default	Sample	2	1.000	0	1.00	No	
37	E29206-F	default	Sample	2	1.000	0	1.00	No	
38	LCS	default	Chk. 1	2	1.000	0	1.00	No	
39	MBLK	default	Sample	2	1.000	0	1.00	No	
40	E29207-F	default	Sample	2	1.000	0	1.00	No	
41	E03401	default	Sample	2	1.000	0	1.00	No	
42	E03401MS	default	Sample	2	1.000	0	1.00	No	
43	E03401SD	default	Sample	2	1.000	0	1.00	No	
44	E10601	default	Sample	2	1.000	0	1.00	No	

****
** SEQUENCE **
****

111108 Tue Nov 11 20:36:04 2008

Pos/ Vial	Sample Name	Method	Run Type	# Rep	Vol (mL)	# Blk	Dil Fact	Ovr Rng	Remarks
45	E10602	default	Sample	2	1.000	0	1.00	No	
46	E10603	default	Sample	2	1.000	0	1.00	No	
47	E12301	default	Sample	2	1.000	0	1.00	No	
48	E12302	default	Sample	2	1.000	0	1.00	No	
49	E12303	default	Sample	2	1.000	0	1.00	No	
50	LCS	default	Chk. 1	2	1.000	0	1.00	No	
51	MBLK	default	Sample	2	1.000	0	1.00	No	

****
** METHODS **
****

DEFAULT Wed May 09 12:11:10 2007

Acid Volume:	200 uL	Rinse Volume (mL):	10
Oxidant Volume:	1000 uL	Rinses Per Rep:	1
Auto-Repeat Time:	00:00:00 (hr:min:sec)	Rinses Per Sample:	1

	TIC	TOC	TC
React: (min:sec):	02:00	02:30	02:30
Detect: (min:sec):	01:35	01:45	01:30

```
**********************************************************************
**                   OI Analytical Model 1010 TOC                   **
**                              RUN SETUP                           **
**********************************************************************

Operator:    Unknown
Data Path:  C:\PROGRA~1\OIANAL~1\TOCREP~1\DATA10\111108_2
WinTOC Version:  5.2                          Firmware Version:   5.2
WinTOC Revision:  rev 241                        Firmware Revision:  rev 365

Report To File:  Enabled                      Naming Mode:  Automatic
Prefix:  x     Index:  816
```

****
** CONFIGURATION **
****

Analysis Mode: TIC/TOC Spl Intro: Autosampler 53
Remote Start : OFF

Loop Size: 1 mL	Actual Volume	1mL	5mL	10mL	25mL
	Loop A (uL):	1000	5000	10000	25000
	Loop B (uL):	1010	5000	10000	25000

Tray Type: 53 Vial Vial Option: Septum Piercing
Needle Depth: 96 % Preacid Volume (uL): 000
Wash Needle Depth: 94 % Preacid Purge Time (min:sec): 0:00

	TIC	TOC	TC
Blank	----	----	----
Average:	293	157	150

Linearization Coeff: 58000

Sample Transfer Times (sec)

	Initial Fill			Loop Fill			Sample Inject
	Non-AS	AS	AS w/Sep	Non-AS	AS	AS w/Sep	(all)
1mL:	6.0	4.5	3.5	1.2	1.2	1.0	4.5
5mL:	8.1	7.2	6.8	5.1	5.1	4.2	9.3
10mL:	14.2	12.2	11.0	10.5	10.5	11.0	16.5
25mL:	35.0	35.0	32.0	n/a	n/a	n/a	38.0

Analog Concentration Signal indicates TIC
Analog Conc. Signal Timer is OFF, Timer duration (h:m:s): 00:00:00
Min Signal Range: 0.000 ppmC, Max Signal Range: 0.000 ppmC

Alarms DISABLED
Alarm Relay Timer is OFF, Timer duration (h:m:s): 00:00:00

Conc. Alarm Setpoints (ppm C)

	Low	High
TIC:	0.000	0.000
TOC:	0.000	0.000
TC:	0.000	0.000

Pos/ Vial	Run Type	Rep #	Run Date	Run Time	TIC Area (cts)	TIC Mass (ugC)	TIC Conc (ppm)	TOC Area (cts)	TOC Mass (ugC)	TOC Conc (ppm)	TC Area (cts)	TC Mass (ugC)	TC Conc (ppm)
1	Blk	1	11Nov2008	20:47	553	-	-	1162	-	-	-	-	-
1	Blk	2	11Nov2008	20:57	325	-	-	398	-	-	-	-	-
1	Blk	3	11Nov2008	21:07	657	-	-	191	-	-	-	-	-
1	Blk	4	11Nov2008	21:17	210	-	-	291	-	-	-	-	-
** Spl		Name: RINSE					Data File: x817						
		Remarks: <none>											
1	Spl	1	11Nov2008	21:27	256	0.000	0.000	368	0.106	0.105	-	-	-
1	Spl	2	11Nov2008	21:36	297	0.000	0.000	247	0.000	0.000	-	-	-
1	Spl	3	11Nov2008	21:46	331	0.000	0.000	366	0.103	0.102	-	-	-
1	Spl	4	11Nov2008	21:56	193	0.000	0.000	314	0.030	0.030	-	-	-
1	Spl	5	11Nov2008	22:05	307	0.000	0.000	282	0.000	0.000	-	-	-
1	Spl	6	11Nov2008	22:15	194	0.000	0.000	300	0.010	0.010	-	-	-
1	Spl	Avg			263	0.000	0.000	312	0.028	0.028			
1	Spl	SDev			59.036			47.583					
1	Spl	%RSD			22.45			15.21					
** Chk1		Name: LCS					Data File: x818						
		Remarks: <none>											
2	Chk1	1	11Nov2008	22:25	-	-	-	21130	29.239	29.094	-	-	-
2	Chk1	2	11Nov2008	22:35	-	-	-	20892	28.904	28.760	-	-	-
2	Chk	Avg						21011	29.072	28.927			
2	Chk	SDev						168.291					
2	Chk	%RSD						0.80					
** Spl		Name: MBLK					Data File: x819						
		Remarks: <none>											
3	Spl	1	11Nov2008	22:45	329	0.000	0.000	340	0.066	0.066	-	-	-
3	Spl	2	11Nov2008	22:55	290	0.000	0.000	346	0.075	0.074	-	-	-
3	Spl	Avg			309	0.000	0.000	343	0.070	0.070			
3	Spl	SDev			27.577			4.243					
3	Spl	%RSD			8.91			1.24					
** Spl		Name: D95404					Data File: x820						
		Remarks: <none>											
4	Spl	1	11Nov2008	23:05	55238	77.306	76.921	1285	1.398	1.391	-	-	-
4	Spl	2	11Nov2008	23:15	55512	77.692	77.305	1301	1.421	1.414	-	-	-
4	Spl	Avg			55375	77.499	77.113	1293	1.410	1.403			
4	Spl	SDev			193.747			11.314					
4	Spl	%RSD			0.35			0.88					
** Spl		Name: D95404MD					Data File: x821						
		Remarks: <none>											
5	Spl	1	11Nov2008	23:25	54279	75.954	75.576	1312	1.436	1.429			
5	Spl	2	11Nov2008	23:35	54726	76.584	76.203	1285	1.398	1.391			
5	Spl	Avg			54502	76.269	75.890	1298	1.417	1.410			
5	Spl	SDev			316.077			19.092					
5	Spl	%RSD			0.58			1.47					
** Spl		Name: D95406					Data File: x822						

96% @ 30PPM

RPD = 0.5%

Remarks: <none>

6	Spl	1 11Nov2008 23:45	20830	28.803	28.660	366	0.103	0.102	-	-	-
6	Spl	2 11Nov2008 23:55	20786	28.741	28.598	315	0.031	0.031	-	-	-
6	Spl	Avg	20808	28.772	28.629	340	0.067	0.067			
6	Spl	SDev	31.113			36.062					
6	Spl	%RSD	0.15			10.59					

** Spl Name: D95406MS Data File: x823
Remarks: <none>

7	Spl	1 12Nov2008 00:05	22216	30.757	30.604	13412	18.493	18.401	-	-	-
7	Spl	2 12Nov2008 00:14	22032	30.497	30.346	12899	17.770	17.681	-	-	-
7	Spl	Avg	22124	30.627	30.475	13155	18.131	18.041			
7	Spl	SDev	130.108			362.746					
7	Spl	%RSD	0.59			2.76					

90%

** Spl Name: D95407 Data File: x824
Remarks: <none>

8	Spl	1 12Nov2008 00:25	57346	80.277	79.878	795	0.708	0.704	-	-	-
8	Spl	2 12Nov2008 00:34	55267	77.347	76.962	825	0.750	0.746	-	-	-
8	Spl	Avg	56306	78.812	78.420	810	0.729	0.725			
8	Spl	SDev	1470.075			21.213					
8	Spl	%RSD	2.61			2.62					

** Spl Name: D95408 Data File: x825
Remarks: <none>

9	Spl	1 12Nov2008 00:45	107409	150.848	150.097	3132	4.002	3.982	-	-	-
9	Spl	2 12Nov2008 00:54	110088	154.624	153.855	3497	4.516	4.494	-	-	-
9	Spl	Avg	108748	152.736	151.976	3314	4.259	4.238			
9	Spl	SDev	1894.339			258.094					
9	Spl	%RSD	1.74			7.79					

** Spl Name: D95409 Data File: x826
Remarks: <none>

10	Spl	1 12Nov2008 01:05	19874	27.455	27.319	416	0.173	0.172	-	-	-
10	Spl	2 12Nov2008 01:14	19192	26.494	26.362	427	0.189	0.188	-	-	-
10	Spl	Avg	19533	26.975	26.841	421	0.181	0.180			
10	Spl	SDev	482.247			7.778					
10	Spl	%RSD	2.47			1.85					

** Spl Name: D95410 Data File: x827
Remarks: <none>

11	Spl	1 12Nov2008 01:25	142072	199.710	198.716	1982	2.381	2.369	-	-	-
11	Spl	2 12Nov2008 01:34	139032	195.425	194.452	1908	2.277	2.265	-	-	-
11	Spl	Avg	140552	197.567	196.584	1945	2.329	2.317			
11	Spl	SDev	2149.605			52.326					
11	Spl	%RSD	1.53			2.69					

** Spl Name: D95411 Data File: x828
Remarks: <none>

12	Spl	1 12Nov2008 01:45	27251	37.854	37.666	748	0.641	0.638	-	-	-
12	Spl	2 12Nov2008 01:54	26823	37.251	37.066	618	0.458	0.456	-	-	-
12	Spl	Avg	27037	37.553	37.366	683	0.550	0.547			

12	Spl	SDev	302.642			91.924					
12	Spl	%RSD	1.12			13.46					

** Spl Name: D95412 Data File: x829
Remarks: <none>

13	Spl	1 12Nov2008 02:04	91960	129.070	128.428	3636	4.712	4.689	-	-	-
13	Spl	2 12Nov2008 02:14	94410	132.524	131.865	3812	4.961	4.936	-	-	-
13	Spl	Avg	93185	130.797	130.146	3724	4.836	4.812			
13	Spl	SDev	1732.412			124.451					
13	Spl	%RSD	1.86			3.34					

** Chk1 Name: LCS Data File: x830
Remarks: <none>

14	Chk1	1 12Nov2008 02:24	-	-	-	20840	28.831	28.687	-	-	-
14	Chk1	2 12Nov2008 02:34	-	-	-	21390	29.606	29.459	-	-	-
14	Chk	Avg				21115	29.218	29.073			
14	Chk	SDev				388.909					
14	Chk	%RSD				1.84					

97% @ 30ppm

** Spl Name: MBLK Data File: x831
Remarks: <none>

15	Spl	1 12Nov2008 02:44	435	0.054	0.053	301	0.011	0.011	-	-	-
15	Spl	2 12Nov2008 02:54	339	0.000	0.000	268	0.000	0.000	-	-	-
15	Spl	Avg	387	0.000	0.000	284	0.000	0.000			
15	Spl	SDev	67.882			23.335					
15	Spl	%RSD	17.54			8.20					

** Spl Name: D95413 Data File: x832
Remarks: <none>

16	Spl	1 12Nov2008 03:04	3816	4.820	4.796	262	0.000	0.000	-	-	-
16	Spl	2 12Nov2008 03:14	3877	4.906	4.881	227	0.000	0.000	-	-	-
16	Spl	Avg	3846	4.863	4.838	244	0.000	0.000			
16	Spl	SDev	43.134			24.749					
16	Spl	%RSD	1.12			10.12					

** Spl Name: D95414 Data File: x833
Remarks: <none>

17	Spl	1 12Nov2008 03:24	5979	7.869	7.829	140	0.000	0.000	-	-	-
17	Spl	2 12Nov2008 03:34	5983	7.874	7.835	168	0.000	0.000	-	-	-
17	Spl	Avg	5981	7.871	7.832	154	0.000	0.000			
17	Spl	SDev	2.828			19.799					
17	Spl	%RSD	0.05			12.86					

** Spl Name: D95415 Data File: x834
Remarks: <none>

18	Spl	1 12Nov2008 03:44	4938	6.401	6.369	139	0.000	0.000	-	-	-
18	Spl	2 12Nov2008 03:54	4887	6.329	6.298	125	0.000	0.000	-	-	-
18	Spl	Avg	4912	6.365	6.333	132	0.000	0.000			
18	Spl	SDev	36.062			9.899					
18	Spl	%RSD	0.73			7.50					

** Spl Name: D95416 Data File: x835

Remarks: <none>

19	Spl	1 12Nov2008 04:04	162280	228.196	227.061	3956	5.163	5.138	-	-	-
19	Spl	2 12Nov2008 04:14	162677	228.756	227.617	4129	5.407	5.380	-	-	-
19	Spl	Avg	162478	228.476	227.339	4042	5.285	5.259			
19	Spl	SDev	280.721			122.329					
19	Spl	%RSD	0.17			3.03					

** Spl Name: D95417 Data File: x836
Remarks: <none>

20	Spl	1 12Nov2008 04:24	23343	32.345	32.185	476	0.258	0.257	-	-	-
20	Spl	2 12Nov2008 04:33	23303	32.289	32.129	407	0.161	0.160	-	-	-
20	Spl	Avg	23323	32.317	32.157	441	0.209	0.208			
20	Spl	SDev	28.284			48.790					
20	Spl	%RSD	0.12			11.05					

** Spl Name: D95418 Data File: x837
Remarks: <none>

21	Spl	1 12Nov2008 04:44	59510	83.328	82.913	1831	2.168	2.157	-	-	-
21	Spl	2 12Nov2008 04:53	60588	84.847	84.425	1825	2.160	2.149	-	-	-
21	Spl	Avg	60049	84.088	83.669	1828	2.164	2.153			
21	Spl	SDev	762.261			4.243					
21	Spl	%RSD	1.27			0.23					

** Spl Name: D95419 Data File: x838
Remarks: <none>

22	Spl	1 12Nov2008 05:04	471	0.104	0.104	214	0.000	0.000	-	-	-
22	Spl	2 12Nov2008 05:13	397	0.000	0.000	144	0.000	0.000	-	-	-
22	Spl	Avg	434	0.052	0.052	179	0.000	0.000			
22	Spl	SDev	52.326			49.497					
22	Spl	%RSD	12.06			27.65					

** Spl Name: D99401 Data File: x839
Remarks: <none>

23	Spl	1 12Nov2008 05:23	355	0.000	0.000	392	0.140	0.139	-	-	-
23	Spl	2 12Nov2008 05:33	357	0.000	0.000	397	0.147	0.146	-	-	-
23	Spl	Avg	356	0.000	0.000	394	0.143	0.142			
23	Spl	SDev	1.414			3.536					
23	Spl	%RSD	0.40			0.90					

** Spl Name: D99402 Data File: x840
Remarks: <none>

24	Spl	1 12Nov2008 05:43	8950	12.057	11.997	319	0.037	0.036	-	-	-
24	Spl	2 12Nov2008 05:53	9005	12.134	12.074	354	0.086	0.086	-	-	-
24	Spl	Avg	8977	12.095	12.035	336	0.061	0.061			
24	Spl	SDev	38.891			24.749					
24	Spl	%RSD	0.43			7.35					

** Spl Name: D99403 Data File: x841
Remarks: <none>

25	Spl	1 12Nov2008 06:03	35163	49.007	48.764	1276	1.386	1.379	-	-	-
25	Spl	2 12Nov2008 06:13	35315	49.222	48.977	1289	1.404	1.397	-	-	-
25	Spl	Avg	35239	49.114	48.870	1282	1.395	1.388			

25	Spl	SDev	107.480			9.192						
25	Spl	%RSD	0.31			0.72						

** Chk1 Name: LCS Data File: x842
Remarks: <none>

26	Chk1	1 12Nov2008 06:23	-	-	-	21303	29.483	29.337	-	-	-	
26	Chk1	2 12Nov2008 06:33	-	-	-	21063	29.145	29.000	-	-	-	
26	Chk	Avg				21183	29.314	29.168				
26	Chk	SDev				169.706						
26	Chk	%RSD				0.80						

97% @ 30PPM

** Spl Name: MBLK Data File: x843
Remarks: <none>

27	Spl	1 12Nov2008 06:43	414	0.024	0.024	321	0.039	0.039	-	-	-	
27	Spl	2 12Nov2008 06:53	305	0.000	0.000	299	0.008	0.008	-	-	-	
27	Spl	Avg	359	0.000	0.000	310	0.024	0.024				
27	Spl	SDev	77.075			15.556						
27	Spl	%RSD	21.44			5.02						

** Spl Name: D99404 Data File: x844
Remarks: <none>

28	Spl	1 12Nov2008 07:03	94785	133.053	132.391	2892	3.664	3.645	-	-	-	
28	Spl	2 12Nov2008 07:13	95976	134.731	134.061	2934	3.723	3.704	-	-	-	
28	Spl	Avg	95380	133.892	133.226	2913	3.693	3.675				
28	Spl	SDev	842.164			29.698						
28	Spl	%RSD	0.88			1.02						

** Spl Name: D99405 Data File: x845
Remarks: <none>

29	Spl	1 12Nov2008 07:23	91603	128.567	127.927	1546	1.766	1.758	-	-	-	
29	Spl	2 12Nov2008 07:33	90890	127.562	126.927	1459	1.644	1.635	-	-	-	
29	Spl	Avg	91246	128.065	127.427	1502	1.705	1.696				
29	Spl	SDev	504.167			61.518						
29	Spl	%RSD	0.55			4.09						

** Spl Name: E05901 Data File: x846
Remarks: <none>

30	Spl	1 12Nov2008 07:43	48059	67.186	66.852	3531	4.564	4.542	-	-	-	
30	Spl	2 12Nov2008 07:53	48217	67.409	67.073	3503	4.525	4.502	-	-	-	
30	Spl	Avg	48138	67.297	66.963	3517	4.545	4.522				
30	Spl	SDev	111.723			19.799						
30	Spl	%RSD	0.23			0.56						

** Spl Name: E05902 Data File: x847
Remarks: <none>

31	Spl	1 12Nov2008 08:03	97260	136.541	135.862	3277	4.206	4.185	-	-	-	
31	Spl	2 12Nov2008 08:12	98090	137.711	137.026	3136	4.008	3.988	-	-	-	
31	Spl	Avg	97675	137.126	136.444	3206	4.107	4.087				
31	Spl	SDev	586.899			99.702						
31	Spl	%RSD	0.60			3.11						

** Spl Name: E29201-F Data File: x848

Remarks: <none>

32	Spl	1 12Nov2008 08:23	10589	14.367	14.295	1137	1.190	1.184		-	-
32	Spl	2 12Nov2008 08:32	10239	13.874	13.805	878	0.825	0.821		-	-
32	Spl	Avg	10414	14.120	14.050	1007	1.007	1.002			
32	Spl	SDev	247.487			183.141					
32	Spl	%RSD	2.38			18.18					

delete

** Spl Name: E29202-F Data File: x849
Remarks: <none>

33	Spl	1 12Nov2008 08:43	8741	11.762	11.703	1093	1.128	1.122	-	-	-
33	Spl	2 12Nov2008 08:52	8633	11.610	11.552	1100	1.138	1.132	-	-	-
33	Spl	Avg	8687	11.686	11.628	1096	1.133	1.127			
33	Spl	SDev	76.368			4.950					
33	Spl	%RSD	0.88			0.45					

** Spl Name: E29203-F Data File: x850
Remarks: <none>

34	Spl	1 12Nov2008 09:03	10545	14.305	14.234	795	0.708	0.704	-	-	-
34	Spl	2 12Nov2008 09:12	10060	13.621	13.554	842	0.774	0.770	-	-	-
34	Spl	Avg	10302	13.963	13.894	818	0.741	0.737			
34	Spl	SDev	342.947			33.234					
34	Spl	%RSD	3.33			4.06					

** Spl Name: E29204-F Data File: x851
Remarks: <none>

35	Spl	1 12Nov2008 09:22	10158	13.759	13.691	773	0.677	0.673	-	-	-
35	Spl	2 12Nov2008 09:32	10171	13.778	13.709	832	0.760	0.756	-	-	-
35	Spl	Avg	10164	13.769	13.700	802	0.718	0.715			
35	Spl	SDev	9.192			41.719					
35	Spl	%RSD	0.09			5.20					

** Spl Name: E29205-F Data File: x852
Remarks: <none>

36	Spl	1 12Nov2008 09:42	3616	4.538	4.515	696	0.568	0.565	-	-	-
36	Spl	2 12Nov2008 09:52	3552	4.447	4.425	790	0.701	0.697	-	-	-
36	Spl	Avg	3584	4.493	4.470	743	0.634	0.631			
36	Spl	SDev	45.255			66.468					
36	Spl	%RSD	1.26			8.95					

** Spl Name: E29206-F Data File: x853
Remarks: <none>

37	Spl	1 12Nov2008 10:02	7998	10.715	10.661	695	0.567	0.564	-	-	-
37	Spl	2 12Nov2008 10:12	7673	10.257	10.205	533	0.338	0.337	-	-	-
37	Spl	Avg	7835	10.486	10.433	614	0.452	0.450			
37	Spl	SDev	229.810			114.551					
37	Spl	%RSD	2.93			18.66					

** Chk1 Name: LCS Data File: x854
Remarks: <none>

38	Chk1	1 12Nov2008 10:22	-	-	-	21082	29.172	29.027	-	-	-
38	Chk1	2 12Nov2008 10:32	-	-	-	20711	28.649	28.506	-	-	-
38	Chk	Avg				20896	28.910	28.766			

96%. @
30PPM

38	Chk	SDev				262.337						
38	Chk	%RSD				1.26						

** Spl Name: MBLK Data File: x855
Remarks: <none>

39	Spl	1 12Nov2008 10:42	337	0.000	0.000	401	0.152	0.152	-	-	-
39	Spl	2 12Nov2008 10:52	291	0.000	0.000	293	0.000	0.000	-	-	-
39	Spl	Avg	314	0.000	0.000	347	0.076	0.076			
39	Spl	SDev	32.527			76.368					
39	Spl	%RSD	10.36			22.01					

** Spl Name: E29207-F Data File: x856
Remarks: <none>

40	Spl	1 12Nov2008 11:02	7054	9.384	9.337	635	0.482	0.480	-	-	-
40	Spl	2 12Nov2008 11:12	6996	9.302	9.256	638	0.486	0.484	-	-	-
40	Spl	Avg	7025	9.343	9.297	636	0.484	0.482			
40	Spl	SDev	41.012			2.121					
40	Spl	%RSD	0.58			0.33					

** Spl Name: E03401 Data File: x857
Remarks: <none>

41	Spl	1 12Nov2008 11:22	49088	68.637	68.295	3700	4.803	4.779	-	-	-
41	Spl	2 12Nov2008 11:32	49442	69.136	68.792	3698	4.800	4.776	-	-	-
41	Spl	Avg	49265	68.886	68.543	3699	4.801	4.777			
41	Spl	SDev	250.316			1.414					
41	Spl	%RSD	0.51			0.04					

** Spl Name: E03401MS Data File: x858
Remarks: <none>

42	Spl	1 12Nov2008 11:42	51235	71.663	71.307	17610	24.411	24.289	-	-	-
42	Spl	2 12Nov2008 11:52	51677	72.286	71.926	17771	24.638	24.515	-	-	-
42	Spl	Avg	51456	71.975	71.617	17690	24.524	24.402			
42	Spl	SDev	312.541			113.844					
42	Spl	%RSD	0.61			0.64					

98%. @ w/ 20PPM 11/12/08

** Spl Name: E03401SD Data File: x859
Remarks: <none>

43	Spl	1 12Nov2008 12:02	48567	67.902	67.564	18623	25.839	25.710	-	-	-
43	Spl	2 12Nov2008 12:12	49377	69.044	68.700	19091	26.498	26.367			-
43	Spl	Avg	48972	68.473	68.132	18857	26.168	26.038			
43	Spl	SDev	572.756			330.926					
43	Spl	%RSD	1.17			1.75					

RPD = 6.5%.

106%. @ 20PPM

** Spl Name: E10601 Data File: x860
Remarks: <none>

44	Spl	1 12Nov2008 12:22	85464	119.913	119.317	1895	2.258	2.247	-	-	-
44	Spl	2 12Nov2008 12:32	82945	116.363	115.784	1966	2.358	2.347	-	-	-
44	Spl	Avg	84204	118.138	117.550	1930	2.308	2.297			
44	Spl	SDev	1781.202			50.205					
44	Spl	%RSD	2.12			2.60					

** Spl Name: E10602 Data File: x861

Remarks: <none>

45	Spl	1 12Nov2008 12:42	33864	47.176	46.942	979	0.967	0.962	-	-	-
45	Spl	2 12Nov2008 12:52	33801	47.087	46.853	940	0.912	0.908	-	-	-
45	Spl	Avg	33832	47.132	46.897	959	0.940	0.935			
45	Spl	SDev	44.548			27.577					
45	Spl	%RSD	0.13			2.87					

** Spl Name: E10603 Data File: x862
Remarks: <none>

46	Spl	1 12Nov2008 13:02	34490	48.059	47.820	920	0.884	0.879	-	-	-
46	Spl	2 12Nov2008 13:11	34831	48.539	48.298	938	0.909	0.905	-	-	-
46	Spl	Avg	34660	48.299	48.059	929	0.897	0.892			
46	Spl	SDev	241.123			12.728					
46	Spl	%RSD	0.70			1.37					

** Spl Name: E12301 Data File: x863
Remarks: <none>

47	Spl	1 12Nov2008 13:22	122514	172.140	171.284	1740	2.040	2.030	-	-	-
47	Spl	2 12Nov2008 13:31	99564	139.789	139.094	1928	2.305	2.293	-	-	-
47	Spl	Avg	111039	155.965	155.189	1834	2.172	2.161			
47	Spl	SDev	16228.101			132.936					
47	Spl	%RSD	14.61			7.25					

** Spl Name: E12302 Data File: x864
Remarks: <none>

48	Spl	1 12Nov2008 13:42	46776	65.377	65.052	481	0.265	0.264	-	-	-
48	Spl	2 12Nov2008 13:51	47628	66.578	66.247	550	0.362	0.361	-	-	-
48	Spl	Avg	47202	65.978	65.650	515	0.314	0.312			
48	Spl	SDev	602.455			48.790					
48	Spl	%RSD	1.28			9.46					

** Spl Name: E12303 Data File: x865
Remarks: <none>

49	Spl	1 12Nov2008 14:02	76388	107.120	106.587	870	0.813	0.809	-	-	-
49	Spl	2 12Nov2008 14:11	76952	107.915	107.378	944	0.918	0.913	-	-	-
49	Spl	Avg	76670	107.517	106.982	907	0.866	0.861			
49	Spl	SDev	398.808			52.326					
49	Spl	%RSD	0.52			5.77					

** Chk1 Name: LCS Data File: x866
Remarks: <none>

50	Chk1	1 12Nov2008 14:22	-	-	-	20510	28.365	28.224	-	-	-
50	Chk1	2 12Nov2008 14:31	-	-	-	20010	27.661	27.523	-	-	-
50	Chk	Avg				20260	28.013	27.874			
50	Chk	SDev				353.553					
50	Chk	%RSD				1.75					

93% @ 30PPM

** Spl Name: MBLK Data File: x867
Remarks: <none>

51	Spl	1 12Nov2008 14:42	366	0.000	0.000	256	0.000	0.000	-	-	-
51	Spl	2 12Nov2008 14:51	349	0.000	0.000	294	0.001	0.001	-	-	-
51	Spl	Avg	357	0.000	0.000	275	0.000	0.000			

51	Spl	SDev	12.021	26.870
51	Spl	%RSD	3.36	9.77

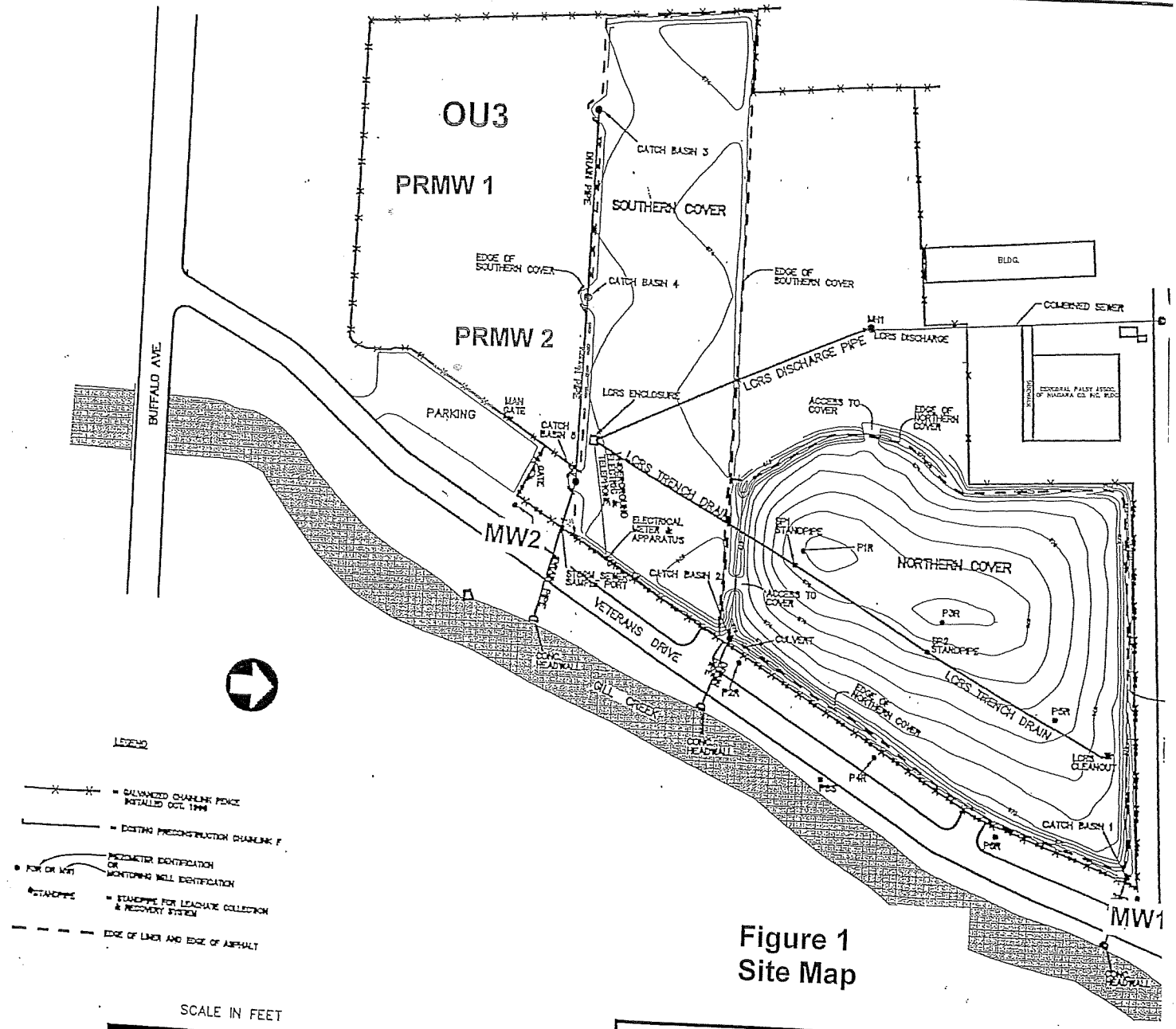

Figure 1
Site Map

OLIN CORPORATION
INDUSTRIAL WELDING SITE
NIAGARA FALLS, NEW YORK