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

November 10, 2009

Mr. Michael J. Hinton, P.E.
Environmental Engineer II
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

Subject: **Charles Gibson Site**
NYSDEC Registry No. 9-32-063
Stream Sediment Data

Dear Mr. Hinton:

Olin hereby submits the annual 2009 Stream Sediment data for the Gibson site in Niagara Falls, NY. These data were collected in September, 2009, and are being submitted ahead of the annual report per your request, due to elevated pesticide levels detected in the annual 2008 sample.

As the data show, both the upstream and downstream pesticide levels have shown significant decreases relative to 2008 levels. The 2009 data show upstream sediment levels to be equal or greater than down stream levels. The attached CD contains the original laboratory report and the data validation memo. A tabulated data set for Gibson site sediment is attached.

Sincerely,

Michael J Bellotti

OLIN CORPORATION
Michael J. Bellotti
Principal Environmental Specialist

cc: Curt Richards - Olin via e-mail
Matthew Forcucci – NYSDOH Buffalo

Olin Gibson Site
Stream Sediment sampling data 2007, 08, 09

Olin Gibson Site, Niagara Falls, NY		Sediment samples		Sep-07							
Job No	Client Sample ID	Lab Smp ID	Samp Date	Recvd Date	Anal Date	CAS No		Parameter N	Flags	Result	UM
upstream dup	MS-1-091307	A7A33707	9/13/2007	9/13/2007	9/19/2007	319-84-6	alpha-BHC			40	UG/KG
upstream dup	MS-1-091307	A7A33707	9/13/2007	9/13/2007	9/19/2007	319-85-7	beta-BHC		J	4.8	UG/KG
upstream dup	MS-1-091307	A7A33707	9/13/2007	9/13/2007	9/19/2007	319-86-8	delta-BHC		J	4.6	UG/KG
upstream dup	MS-1-091307	A7A33707	9/13/2007	9/13/2007	9/19/2007	58-89-9	gamma-BHC	(Lindane)	J	3.7	UG/KG
Upstream	US-1-091307	A7A33706	9/13/2007	9/13/2007	9/19/2007	319-84-6	alpha-BHC			39	UG/KG
	US-1-091307	A7A33706	9/13/2007	9/13/2007	9/19/2007	319-85-7	beta-BHC			8	UG/KG
	US-1-091307	A7A33706	9/13/2007	9/13/2007	9/19/2007	319-86-8	delta-BHC			5.5	UG/KG
	US-1-091307	A7A33706	9/13/2007	9/13/2007	9/19/2007	58-89-9	gamma-BHC	(Lindane)	J	3.5	UG/KG
Downstream											

Olin Gibson Site, Niagara Falls, NY		Sediment samples		Sep-08							
Job No	Client Sample ID	Lab Smp ID	Samp Date	Recvd Date	Anal Date	CAS No	Analyte	Parameter Name	Flags	Result	Units
Upstream	US-1-091108	A8B13008	9/11/2008	9/11/2008	9/29/2008	319-86-8	delta-BHC		J	17	UG/KG
	US-1-091108	A8B13008	9/11/2008	9/11/2008	9/29/2008	58-89-9	gamma-BHC	(Lindane)	U	26	UG/KG
	US-1-091108	A8B13008	9/11/2008	9/11/2008	9/29/2008	319-84-6	alpha-BHC			77	UG/KG
	US-1-091108	A8B13008	9/11/2008	9/11/2008	9/29/2008	319-85-7	beta-BHC			69	UG/KG
upstream dup	MS-1-091108	A8B13009	9/11/2008	9/11/2008	9/29/2008	319-86-8	delta-BHC		J	25	UG/KG
upstream dup	MS-1-091108	A8B13009	9/11/2008	9/11/2008	9/29/2008	58-89-9	gamma-BHC	(Lindane)	U	52	UG/KG
upstream dup	MS-1-091108	A8B13009	9/11/2008	9/11/2008	9/29/2008	319-85-7	beta-BHC			89	UG/KG
upstream dup	MS-1-091108	A8B13009	9/11/2008	9/11/2008	9/29/2008	319-84-6	alpha-BHC			82	UG/KG
Downstream	DS-1-091108	A8B13010	9/11/2008	9/11/2008	9/29/2008	58-89-9	gamma-BHC	(Lindane)	J	82	UG/KG
	DS-1-091108	A8B13010	9/11/2008	9/11/2008	9/29/2008	319-86-8	delta-BHC		J	66	UG/KG
	DS-1-091108	A8B13010	9/11/2008	9/11/2008	9/29/2008	319-84-6	alpha-BHC			**5200**	UG/KG
	DS-1-091108	A8B13010	9/11/2008	9/11/2008	9/29/2008	319-85-7	beta-BHC			**1000**	UG/KG

Olin Gibson Site, Niagara Falls, NY		Sediment samples		Sep-09							
	SAMPLENAME	LABSAMPID	SAMP DATE	PREPDATE	ANADATE	CAS NUMBER	ANALYTE		Flags	Result	UNITS
Upstream	CGS-US1-091709	RSI0634-01	09/17/2009	09/21/2009 08	09/29/200	319-84-6	alpha-BHC			**240**	ug/kg
	CGS-US1-091709	RSI0634-01	09/17/2009	09/21/2009 08	09/29/200	319-84-6	alpha-BHC [2C]			**270**	ug/kg
	CGS-US1-091709	RSI0634-01	09/17/2009	09/21/2009 08	09/29/200	319-85-7	beta-BHC [2C]			**280**	ug/kg
	CGS-US1-091709	RSI0634-01	09/17/2009	09/21/2009 08	09/29/200	319-85-7	beta-BHC			**260**	ug/kg
	CGS-US1-091709	RSI0634-01	09/17/2009	09/21/2009 08	09/29/200	319-86-8	delta-BHC		J	39	ug/kg
	CGS-US1-091709	RSI0634-01	09/17/2009	09/21/2009 08	09/29/200	319-86-8	delta-BHC [2C]		J	42	ug/kg
	CGS-US1-091709	RSI0634-01	09/17/2009	09/21/2009 08	09/29/200	58-89-9	gamma-BHC (Lindane)		J	18	ug/kg
	CGS-US1-091709	RSI0634-01	09/17/2009	09/21/2009 08	09/29/200	58-89-9	gamma-BHC (Lindane) [2C]		J	26	ug/kg
	CGS-US1-091709	RSI0634-01	09/17/2009	09/21/2009 08	09/29/200	2051-24-3	Decachlorobiphenyl			41.3	ug/kg
	CGS-US1-091709	RSI0634-01	09/17/2009	09/21/2009 08	09/29/200	2051-24-3	Decachlorobiphenyl [2C]			77.0	ug/kg
	CGS-US1-091709	RSI0634-01	09/17/2009	09/21/2009 08	09/29/200	877-09-8	Tetrachloro-m-xylene			29.7	ug/kg
	CGS-US1-091709	RSI0634-01	09/17/2009	09/21/2009 08	09/29/200	877-09-8	Tetrachloro-m-xylene [2C]			27.1	ug/kg
	CGS-US1-091709	RSI0634-01	09/17/2009	09/18/2009 09	09/18/200	STL00234	Percent Solids			27	%
Upstream Duplicate	CGS-USD1-091709	RSI0634-02	09/17/2009	09/21/2009 08	09/29/200	319-84-6	alpha-BHC			**530**	ug/kg
	CGS-USD1-091709	RSI0634-02	09/17/2009	09/21/2009 08	09/29/200	319-84-6	alpha-BHC [2C]			**560**	ug/kg
	CGS-USD1-091709	RSI0634-02	09/17/2009	09/21/2009 08	09/29/200	319-85-7	beta-BHC [2C]			**200**	ug/kg
	CGS-USD1-091709	RSI0634-02	09/17/2009	09/21/2009 08	09/29/200	319-85-7	beta-BHC			**190**	ug/kg
	CGS-USD1-091709	RSI0634-02	09/17/2009	09/21/2009 08	09/29/200	319-86-8	delta-BHC		J	36	ug/kg
	CGS-USD1-091709	RSI0634-02	09/17/2009	09/21/2009 08	09/29/200	319-86-8	delta-BHC [2C]		J	39	ug/kg
	CGS-USD1-091709	RSI0634-02	09/17/2009	09/21/2009 08	09/29/200	58-89-9	gamma-BHC (Lindane)		J	19	ug/kg
	CGS-USD1-091709	RSI0634-02	09/17/2009	09/21/2009 08	09/29/200	58-89-9	gamma-BHC (Lindane) [2C]		J	28	ug/kg
	CGS-USD1-091709	RSI0634-02	09/17/2009	09/21/2009 08	09/29/200	2051-24-3	Decachlorobiphenyl			37.2	ug/kg
	CGS-USD1-091709	RSI0634-02	09/17/2009	09/21/2009 08	09/29/200	2051-24-3	Decachlorobiphenyl [2C]			45.1	ug/kg
	CGS-USD1-091709	RSI0634-02	09/17/2009	09/21/2009 08	09/29/200	877-09-8	Tetrachloro-m-xylene			29.1	ug/kg
	CGS-USD1-091709	RSI0634-02	09/17/2009	09/21/2009 08	09/29/200	877-09-8	Tetrachloro-m-xylene [2C]			26.7	ug/kg
	CGS-USD1-091709	RSI0634-02	09/17/2009	09/18/2009 09	09/18/200	STL00234	Percent Solids			27	%
Downstream	CGS-DS1-091709	RSI0634-03	09/17/2009	09/21/2009 08	09/29/200	319-84-6	alpha-BHC			**210**	ug/kg
	CGS-DS1-091709	RSI0634-03	09/17/2009	09/21/2009 08	09/29/200	319-84-6	alpha-BHC [2C]			**240**	ug/kg
	CGS-DS1-091709	RSI0634-03	09/17/2009	09/21/2009 08	09/29/200	319-85-7	beta-BHC [2C]			**69**	ug/kg
	CGS-DS1-091709	RSI0634-03	09/17/2009	09/21/2009 08	09/29/200	319-85-7	beta-BHC			**73**	ug/kg
	CGS-DS1-091709	RSI0634-03	09/17/2009	09/21/2009 08	09/29/200	319-86-8	delta-BHC		J	32	ug/kg
	CGS-DS1-091709	RSI0634-03	09/17/2009	09/21/2009 08	09/29/200	319-86-8	delta-BHC [2C]		J	34	ug/kg
	CGS-DS1-091709	RSI0634-03	09/17/2009	09/21/2009 08	09/29/200	58-89-9	gamma-BHC (Lindane)			ND	ug/kg
	CGS-DS1-091709	RSI0634-03	09/17/2009	09/21/2009 08	09/29/200	58-89-9	gamma-BHC (Lindane) [2C]			ND	ug/kg
	CGS-DS1-091709	RSI0634-03	09/17/2009	09/21/2009 08	09/29/200	2051-24-3	Decachlorobiphenyl			27.0	ug/kg
	CGS-DS1-091709	RSI0634-03	09/17/2009	09/21/2009 08	09/29/200	2051-24-3	Decachlorobiphenyl [2C]			40.9	ug/kg
	CGS-DS1-091709	RSI0634-03	09/17/2009	09/21/2009 08	09/29/200	877-09-8	Tetrachloro-m-xylene			28.9	ug/kg
	CGS-DS1-091709	RSI0634-03	09/17/2009	09/21/2009 08	09/29/200	877-09-8	Tetrachloro-m-xylene [2C]			26.7	ug/kg
	CGS-DS1-091709	RSI0634-03	09/17/2009	09/18/2009 09	09/18/200	STL00234	Percent Solids			27	%
Downstream Duplicate	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/21/2009 08	09/29/200	319-84-6	alpha-BHC			**93**	ug/kg
	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/21/2009 08	09/29/200	319-84-6	alpha-BHC [2C]			**110**	ug/kg
	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/21/2009 08	09/29/200	319-85-7	beta-BHC [2C]			**180**	ug/kg
	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/21/2009 08	09/29/200	319-85-7	beta-BHC			**170**	ug/kg
	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/21/2009 08	09/29/200	319-86-8	delta-BHC		J	24	ug/kg
	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/21/2009 08	09/29/200	319-86-8	delta-BHC [2C]		J	26	ug/kg
	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/21/2009 08	09/29/200	58-89-9	gamma-BHC (Lindane)			ND	ug/kg
	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/21/2009 08	09/29/200	58-89-9	gamma-BHC (Lindane) [2C]			ND	ug/kg
	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/21/2009 08	09/29/200	2051-24-3	Decachlorobiphenyl			21.2	ug/kg
	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/21/2009 08	09/29/200	2051-24-3	Decachlorobiphenyl [2C]			34.9	ug/kg
	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/21/2009 08	09/29/200	877-09-8	Tetrachloro-m-xylene			20.7	ug/kg
	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/21/2009 08	09/29/200	877-09-8	Tetrachloro-m-xylene [2C]			19.1	ug/kg
	CGS-DSD1-091709	RSI0634-04	09/17/2009	09/18/2009 09	09/18/200	STL00234	Percent Solids			38	%

Data Evaluation Narrative
Charles Gibson – September 2009 Groundwater Sampling Event
Matrix: Sediment

SDG: RSI0634 – Test America Laboratories (STL), Amherst, NY

Deliverables

The data packages as submitted to Olin Corporation are complete as stipulated under the Quality Assurance Project Plan (QAPP) for United States Environmental Protection Agency (USEPA) Methods 8081A and percent solids by ASTM D2216-90.

Sample Integrity

Samples within this sample delivery group (SDG) were submitted to the Test America laboratory in Amherst, NY (Buffalo) for chlorinated pesticide analyses. The sample cooler temperature measured 2.0°C at the laboratory which is within the required limit of 4°C ± 2°. The proper bottles and preservatives were used, the Chain of Custody was properly relinquished, and the correct analytical methods were employed.

Sample Identification

This SDG contains the following water, soil and quality control (QC) samples collected on September 17, 2009:

SDG RSI0634

Sample ID	Sample ID	Sample ID	Sample ID
US-1-091709	USD-1-091709	DS-1-091709	DSD-1-091709

Chlorinated Pesticides (8081A)

The samples in this SDG were submitted for chlorinated pesticides by USEPA Method 8081A.

Holding Times

The extraction and analytical logs indicate that applicable 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 not met for all sediment samples submitted for the analysis of chlorinated pesticides by USEPA Method 8081A. Due to matrix interferences samples US-1-091709, USD-1-091709, DS-1-091709 and DSD-1-091709 required a 10X dilution.

Calibration

The initial and continuing calibration data for this SDG indicates that the applicable calibration criteria were met for samples submitted for chlorinated pesticide analyses. The column breakdown for Endrin and DDT was assessed each day the Olin samples were analyzed and the percent degradation of Endrin and DDT were within QC limits.

Surrogates

The surrogate recoveries were within applicable QC limits as stipulated by the laboratory for samples submitted for pesticide analysis.

Internal Standards

The internal standard (IS) recoveries were within applicable QC limits as stipulated by the laboratory for volatile 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 were within the applicable QC advisory limits as specified in the QAPP.

Matrix Spike / Matrix Spike Duplicate

No project samples were selected in the field or by the laboratory for MS/MSD analysis.

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

Samples US-1-091709/USD-1-091709 and DS-1-091709/DSD-1-091709 were selected in the field for duplicate analyses. The relative percent difference (RPD) exceeded QC limits for α-BHC in sample US-1-091709/USD-1-091709. The corresponding results was flagged "J". The RPD for δ-BHC and γ-BHC were within QC limits.

The RPD for α-BHC and β-BHC exceeded QC limits in sample DS-1-091709/DSD-1-091709. The corresponding results were flagged "J". The RPD for γ-BHC could not be assessed since the compound was not detected. The RPD for δ-BHC was within QC limits.

Qualification Table

Data Flag: J = Estimated quantitation based upon QC data

Sample ID	Constituent	Data Flag	Sample ID	Constituent	Data Flag
US-1-091709	α-BHC	J	DS-1-091709	α-BHC	J
				β-BHC	J

Percent Solids

The following criteria were used to evaluate samples submitted for percent solids analysis:

Solids samples with <50% solid content require qualification; if the solid content is <50% but ≥10%, qualify positive results as estimated "J" and qualify non-detect results as estimated "UJ". The results for

samples US-1-091709/USD-1-091709 and DS-1-091709/DSD-1-091709 contained <50% but ≥10% percent solids and were flagged "J".

Qualification Table

Data Flag: J = Estimated quantitation based upon QC data

Sample ID	Constituent	Data Flag	Sample ID	Constituent	Data Flag
US-1-091709	Percent Solids	J	DS-1-0917091	Percent Solids	J
USD-1-091709	Percent Solids	J	DSD-1-091709	Percent Solids	J

Overall Site Evaluation and Professional Judgment Flagging Changes

The data within this SDG were compared to site data and edits to the DQE flags were required based on professional judgment. Monitoring period completeness, which is the percentage of analytical results judged to be valid, including estimated values, was 100 percent for the September 2009 sampling event. Typically, project objectives are met when completeness is 90 percent or better.

Prepared by: James E. Young Date: October 26, 2009

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Work Order #: RSI0634

Project#: NY3A9025
Site Name: OLIN CORPORATION
Task: Charles Gibson Site

Mr. Mike Bellotti
Olin Corporation
Environmental Remediation Group
3855 North Ocoee Street, Suite 200
Cleveland, TN 37312

CC: Mr. Michael Walker

TestAmerica Laboratories

Brian J. Fischer
Project Manager

Mary Ann Neary
Analyst

Olin Chlor Alkali Products - Cleveland, TN
3855 North Ocoee St. Suite 200
Cleveland, TN 37312

Work Order: RSI0634

Project: Olin - Charles Gibson site
Project Number: OLN

Received: 09/17/09
Reported: 10/02/09 13:42

TestAmerica Buffalo
Current Certifications

As of 1/27/2009

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 accre ditation is required or available. Any exceptions to NELAP requirements are noted in this report.

Olin Chlor Alkali Products - Cleveland, TN
3855 North Ocoee St. Suite 200
Cleveland, TN 37312

Work Order: RSI0634

Project: Olin - Charles Gibson site
Project Number: OLN

Received: 09/17/09
Reported: 10/02/09 13:42

Case Narrative

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. field-pH), they were not analyzed immediately, but as soon as possible after laboratory receipt.

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

Olin Chlor Alkali Products - Cleveland, TN
3855 North Ocoee St. Suite 200
Cleveland, TN 37312

Work Order: RSI0634

Project: Olin - Charles Gibson site
Project Number: OLN

Received: 09/17/09
Reported: 10/02/09 13:42

DATA QUALIFIERS AND DEFINITIONS

D08	Dilution required due to high concentration of target analyte(s)
J	Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.
QFL	Florisil clean-up (EPA 3620) performed on extract.
NR	Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

Olin Chlor Alkali Products - Cleveland, TN
3855 North Ocoee St. Suite 200
Cleveland, TN 37312

Work Order: RSI0634

Project: Olin - Charles Gibson site
Project Number: OLN

Received: 09/17/09
Reported: 10/02/09 13:42

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSI0634-01 (CGS-US1-091709 - Solid)					**Sampled: 09/17/09 11:30**			**Recvd: 09/17/09 15:00**		
Organochlorine Pesticides by EPA Method 8081A										
alpha-BHC	**240**	QFL, D08	61	11	ug/kg dry	10.0	09/29/09 02:32	MAN	9I20007	8081A
beta-BHC	**260**	QFL, D08	61	44	ug/kg dry	10.0	09/29/09 02:32	MAN	9I20007	8081A
delta-BHC	**39**	QFL, D08,J	61	8.1	ug/kg dry	10.0	09/29/09 02:32	MAN	9I20007	8081A
gamma-BHC (Lindane)	**18**	QFL, D08,J	61	11	ug/kg dry	10.0	09/29/09 02:32	MAN	9I20007	8081A
General Chemistry Parameters										
Percent Solids	**27**		0.010	NR	%	1.00	09/18/09 15:15	CJM	9I18022	Dry Weight
Sample ID: RSI0634-02 (CGS-USD1-091709 - Solid)					**Sampled: 09/17/09 11:40**			**Recvd: 09/17/09 15:00**		
Organochlorine Pesticides by EPA Method 8081A										
alpha-BHC	**530**	QFL, D08	61	11	ug/kg dry	10.0	09/29/09 03:08	MAN	9I20007	8081A
beta-BHC	**190**	QFL, D08	61	44	ug/kg dry	10.0	09/29/09 03:08	MAN	9I20007	8081A
delta-BHC	**36**	QFL, D08,J	61	8.0	ug/kg dry	10.0	09/29/09 03:08	MAN	9I20007	8081A
gamma-BHC (Lindane)	**19**	QFL, D08,J	61	11	ug/kg dry	10.0	09/29/09 03:08	MAN	9I20007	8081A
General Chemistry Parameters										
Percent Solids	**27**		0.010	NR	%	1.00	09/18/09 15:17	CJM	9I18022	Dry Weight
Sample ID: RSI0634-03 (CGS-DS1-091709 - Solid)					**Sampled: 09/17/09 12:00**			**Recvd: 09/17/09 15:00**		
Organochlorine Pesticides by EPA Method 8081A										
alpha-BHC	**210**	QFL, D08	60	11	ug/kg dry	10.0	09/29/09 03:44	MAN	9I20007	8081A
beta-BHC	**73**	QFL, D08	60	44	ug/kg dry	10.0	09/29/09 03:44	MAN	9I20007	8081A
delta-BHC	**32**	QFL, D08,J	60	8.0	ug/kg dry	10.0	09/29/09 03:44	MAN	9I20007	8081A
General Chemistry Parameters										
Percent Solids	**27**		0.010	NR	%	1.00	09/18/09 15:19	CJM	9I18022	Dry Weight
Sample ID: RSI0634-04 (CGS-DSD1-091709 - Solid)					**Sampled: 09/17/09 12:20**			**Recvd: 09/17/09 15:00**		
Organochlorine Pesticides by EPA Method 8081A										
alpha-BHC	**93**	QFL, D08	43	7.8	ug/kg dry	10.0	09/29/09 04:20	MAN	9I20007	8081A
beta-BHC	**170**	QFL, D08	43	31	ug/kg dry	10.0	09/29/09 04:20	MAN	9I20007	8081A
delta-BHC	**24**	QFL, D08,J	43	5.7	ug/kg dry	10.0	09/29/09 04:20	MAN	9I20007	8081A
General Chemistry Parameters										
Percent Solids	**38**		0.010	NR	%	1.00	09/18/09 15:21	CJM	9I18022	Dry Weight

Olin Chlor Alkali Products - Cleveland, TN
3855 North Ocoee St. Suite 200
Cleveland, TN 37312

Work Order: RSI0634

Project: Olin - Charles Gibson site
Project Number: OLN

Received: 09/17/09
Reported: 10/02/09 13:42

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
CGS-US1-091709	RSI0634-01	Solid	09/17/09 11:30	09/17/09 15:00	
CGS-USD1-091709	RSI0634-02	Solid	09/17/09 11:40	09/17/09 15:00	
CGS-DS1-091709	RSI0634-03	Solid	09/17/09 12:00	09/17/09 15:00	
CGS-DSD1-091709	RSI0634-04	Solid	09/17/09 12:20	09/17/09 15:00	

Olin Chlor Alkali Products - Cleveland, TN
3855 North Ocoee St. Suite 200
Cleveland, TN 37312

Work Order: RSI0634

Project: Olin - Charles Gibson site
Project Number: OLN

Received: 09/17/09
Reported: 10/02/09 13:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSI0634-01 (CGS-US1-091709 - Solid)						**Sampled: 09/17/09 11:30**		**Recvd: 09/17/09 15:00**		
Organochlorine Pesticides by EPA Method 8081A										
alpha-BHC	**240**	QFL, D08	61	11	ug/kg dry	10.0	09/29/09 02:32	MAN	9I20007	8081A
beta-BHC	**260**	QFL, D08	61	44	ug/kg dry	10.0	09/29/09 02:32	MAN	9I20007	8081A
delta-BHC	**39**	QFL, D08,J	61	8.1	ug/kg dry	10.0	09/29/09 02:32	MAN	9I20007	8081A
gamma-BHC (Lindane)	**18**	QFL, D08,J	61	11	ug/kg dry	10.0	09/29/09 02:32	MAN	9I20007	8081A
Decachlorobiphenyl	*169 %*	*QFL, D08*	*Surr Limits: (42-146%)*				*09/29/09 02:32*	*MAN*	*9I20007*	*8081A*
Tetrachloro-m-xylene	*121 %*	*QFL, D08*	*Surr Limits: (37-135%)*				*09/29/09 02:32*	*MAN*	*9I20007*	*8081A*
General Chemistry Parameters										
Percent Solids	**27**		0.010	NR	%	1.00	09/18/09 15:15	CJM	9I18022	Dry Weight

Olin Chlor Alkali Products - Cleveland, TN
3855 North Ocoee St. Suite 200
Cleveland, TN 37312

Work Order: RSI0634

Project: Olin - Charles Gibson site
Project Number: OLN

Received: 09/17/09
Reported: 10/02/09 13:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSI0634-02 (CGS-USD1-091709 - Solid)						**Sampled: 09/17/09 11:40**		**Recvd: 09/17/09 15:00**		
Organochlorine Pesticides by EPA Method 8081A										
alpha-BHC	**530**	QFL, D08	61	11	ug/kg dry	10.0	09/29/09 03:08	MAN	9I20007	8081A
beta-BHC	**190**	QFL, D08	61	44	ug/kg dry	10.0	09/29/09 03:08	MAN	9I20007	8081A
delta-BHC	**36**	QFL, D08,J	61	8.0	ug/kg dry	10.0	09/29/09 03:08	MAN	9I20007	8081A
gamma-BHC (Lindane)	**19**	QFL, D08,J	61	11	ug/kg dry	10.0	09/29/09 03:08	MAN	9I20007	8081A
Decachlorobiphenyl	*154 %*	*QFL, D08*	*Surr Limits: (42-146%)*				*09/29/09 03:08*	*MAN*	*9I20007*	*8081A*
Tetrachloro-m-xylene	*120 %*	*QFL, D08*	*Surr Limits: (37-135%)*				*09/29/09 03:08*	*MAN*	*9I20007*	*8081A*
General Chemistry Parameters										
Percent Solids	**27**		0.010	NR	%	1.00	09/18/09 15:17	CJM	9I18022	Dry Weight

Olin Chlor Alkali Products - Cleveland, TN
3855 North Ocoee St. Suite 200
Cleveland, TN 37312

Work Order: RSI0634

Project: Olin - Charles Gibson site
Project Number: OLN

Received: 09/17/09
Reported: 10/02/09 13:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSI0634-03 (CGS-DS1-091709 - Solid)						**Sampled: 09/17/09 12:00**		**Recvd: 09/17/09 15:00**		
Organochlorine Pesticides by EPA Method 8081A										
alpha-BHC	**210**	QFL, D08	60	11	ug/kg dry	10.0	09/29/09 03:44	MAN	9I20007	8081A
beta-BHC	**73**	QFL, D08	60	44	ug/kg dry	10.0	09/29/09 03:44	MAN	9I20007	8081A
delta-BHC	**32**	QFL, D08,J	60	8.0	ug/kg dry	10.0	09/29/09 03:44	MAN	9I20007	8081A
gamma-BHC (Lindane)	ND	QFL, D08	60	10	ug/kg dry	10.0	09/29/09 03:44	MAN	9I20007	8081A
Decachlorobiphenyl	*112 %*	*QFL, D08*	*Surr Limits: (42-146%)*				*09/29/09 03:44*	*MAN*	*9I20007*	*8081A*
Tetrachloro-m-xylene	*120 %*	*QFL, D08*	*Surr Limits: (37-135%)*				*09/29/09 03:44*	*MAN*	*9I20007*	*8081A*
General Chemistry Parameters										
Percent Solids	**27**		0.010	NR	%	1.00	09/18/09 15:19	CJM	9I18022	Dry Weight

Olin Chlor Alkali Products - Cleveland, TN
3855 North Ocoee St. Suite 200
Cleveland, TN 37312

Work Order: RSI0634

Project: Olin - Charles Gibson site
Project Number: OLN

Received: 09/17/09
Reported: 10/02/09 13:42

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RSI0634-04 (CGS-DSD1-091709 - Solid)						**Sampled: 09/17/09 12:20**		**Recvd: 09/17/09 15:00**		
Organochlorine Pesticides by EPA Method 8081A										
alpha-BHC	**93**	QFL, D08	43	7.8	ug/kg dry	10.0	09/29/09 04:20	MAN	9I20007	8081A
beta-BHC	**170**	QFL, D08	43	31	ug/kg dry	10.0	09/29/09 04:20	MAN	9I20007	8081A
delta-BHC	**24**	QFL, D08,J	43	5.7	ug/kg dry	10.0	09/29/09 04:20	MAN	9I20007	8081A
gamma-BHC (Lindane)	ND	QFL, D08	43	7.5	ug/kg dry	10.0	09/29/09 04:20	MAN	9I20007	8081A
Decachlorobiphenyl	*122 %*	*QFL, D08*	*Surr Limits: (42-146%)*				*09/29/09 04:20*	*MAN*	*9I20007*	*8081A*
Tetrachloro-m-xylene	*119 %*	*QFL, D08*	*Surr Limits: (37-135%)*				*09/29/09 04:20*	*MAN*	*9I20007*	*8081A*
General Chemistry Parameters										
Percent Solids	**38**		0.010	NR	%	1.00	09/18/09 15:21	CJM	9I18022	Dry Weight

Olin Chlor Alkali Products - Cleveland, TN
3855 North Ocoee St. Suite 200
Cleveland, TN 37312

Work Order: RSI0634

Project: Olin - Charles Gibson site
Project Number: OLN

Received: 09/17/09
Reported: 10/02/09 13:42

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
General Chemistry Parameters									
Dry Weight	9I18022	RSI0634-01	10.00	g	10.00	g	09/18/09 09:20	CJM	Dry Weight
Dry Weight	9I18022	RSI0634-02	10.00	g	10.00	g	09/18/09 09:20	CJM	Dry Weight
Dry Weight	9I18022	RSI0634-03	10.00	g	10.00	g	09/18/09 09:20	CJM	Dry Weight
Dry Weight	9I18022	RSI0634-04	10.00	g	10.00	g	09/18/09 09:20	CJM	Dry Weight
Organochlorine Pesticides by EPA Method 8081A									
8081A	9I20007	RSI0634-02	30.15	g	10.00	mL	09/21/09 08:00	CXM	3550B GC
8081A	9I20007	RSI0634-01	30.28	g	10.00	mL	09/21/09 08:00	CXM	3550B GC
8081A	9I20007	RSI0634-04	30.44	g	10.00	mL	09/21/09 08:00	CXM	3550B GC
8081A	9I20007	RSI0634-03	30.54	g	10.00	mL	09/21/09 08:00	CXM	3550B GC

Olin Chlor Alkali Products - Cleveland, TN
3855 North Ocoee St. Suite 200
Cleveland, TN 37312

Work Order: RSI0634

Project: Olin - Charles Gibson site
Project Number: OLN

Received: 09/17/09
Reported: 10/02/09 13:42

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Organochlorine Pesticides by EPA Method 8081A											
Blank Analyzed: 09/25/09 (Lab Number:9I20007-BLK1, Batch: 9I20007)											
alpha-BHC			1.7	0.30	ug/kg wet	ND					
alpha-BHC [2C]			1.7	0.30	ug/kg wet	ND					
beta-BHC			1.7	1.2	ug/kg wet	ND					
beta-BHC [2C]			1.7	1.2	ug/kg wet	ND					
delta-BHC			1.7	0.22	ug/kg wet	ND					
delta-BHC [2C]			1.7	0.22	ug/kg wet	ND					
gamma-BHC (Lindane)			1.7	0.29	ug/kg wet	ND					
gamma-BHC (Lindane) [2C]			1.7	0.29	ug/kg wet	ND					
Surrogate: Decachlorobiphenyl					*ug/kg wet*		*92*	*42-146*			
Surrogate: Decachlorobiphenyl [2C]					*ug/kg wet*		*111*	*42-146*			
Surrogate: Tetrachloro-m-xylene					*ug/kg wet*		*79*	*37-135*			
Surrogate: Tetrachloro-m-xylene					*ug/kg wet*		*54*	*37-136*			
LCS Analyzed: 09/25/09 (Lab Number:9I20007-BS1, Batch: 9I20007)											
alpha-BHC		16	1.6	0.29	ug/kg wet	14.9	91	49-120			
alpha-BHC [2C]		16	1.6	0.29	ug/kg wet	13.1	80	49-120			
beta-BHC		16	1.6	1.2	ug/kg wet	16.7	102	56-120			
beta-BHC [2C]		16	1.6	1.2	ug/kg wet	14.6	89	56-120			
delta-BHC		16	1.6	0.22	ug/kg wet	16.0	98	45-123			
delta-BHC [2C]		16	1.6	0.22	ug/kg wet	14.8	90	45-123			
gamma-BHC (Lindane)		16	1.6	0.28	ug/kg wet	15.6	96	50-120			
gamma-BHC (Lindane) [2C]		16	1.6	0.28	ug/kg wet	13.8	84	50-120			
Surrogate: Decachlorobiphenyl					*ug/kg wet*		*97*	*42-146*			
Surrogate: Decachlorobiphenyl [2C]					*ug/kg wet*		*110*	*42-146*			
Surrogate: Tetrachloro-m-xylene					*ug/kg wet*		*108*	*37-135*			
Surrogate: Tetrachloro-m-xylene					*ug/kg wet*		*73*	*37-136*			

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: Olin Corp.	Project Manager: Mike Bellotti - OLIN	Date: 9-17-09	Chain of Custody Number: 133478
Address: 3855 North Ocoee St. Suite 200	Telephone Number (Area Code)/Fax Number: 423-336-4987 / 423-336-4166	Lab Number:	Page 1 of 1
City: Cleveland / State: TN / Zip Code: 37312	Site Contact: Mike Walker	Lab Contact: Penny Shea	
Project Name and Location (State): Charles G. Olin Site, Niagara Falls, NY.	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Analysis (Attach list if more space is needed): BHC's

Special Instructions/ Conditions of Receipt: 4 oz. Gl.

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
CGS-US1-091709	9-17-09	1130			X		1					
CGS-USD1-091709		1140			X		1					
CGS-DS1-091709		1200			X		1					
CGS-DSD1-091709	↓	1210			X		1					

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)

	Date	Time		Date	Time
1. Relinquished By: Mike Walker	9-17-09	3:00 pm	1. Received By: BUFFALO	09/17/09	1500
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

2.0°C

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

133275

TestAmerica Buffalo
SDG:
CLASS: PEST
METHOD: 8081A

ANALYSES DATA PACKAGE COVER PAGE

8081A

Laboratory: TestAmerica Buffalo

SDG:

Client: Olin Chlor Alkali Products - Cleveland, TN

Project: Olin - Charles Gibson site - NY3A9025AE03759

Client Sample Id:	Lab Sample Id:
CGS-US1-091709	RSI0634-01
CGS-USD1-091709	RSI0634-02
CGS-DS1-091709	RSI0634-03
CGS-DSD1-091709	RSI0634-04

Form 2
SURROGATE STANDARD RECOVERY AND RT SUMMARY
8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Sequence:	RI92924	Instrument:	HP6890-6
Matrix:	Solid	Calibration:	R9H1803

Surrogate Compound	Spike Level ug/kg wet	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (9I20007-BLK1)			Lab File ID: 6A46193		Analyzed: 09/25/09 12:09			
Decachlorobiphenyl	6.62	92	42 - 146	22.31588	22.68772	-0.3718	+/-1.0	
Decachlorobiphenyl [2C]	6.62	111	42 - 146	25.5428	26.11406	-0.5713	+/-1.0	
Tetrachloro-m-xylene	6.62	79	37 - 135	9.358156	9.636484	-0.2783	+/-1.0	
Tetrachloro-m-xylene [2C]	6.62	54	37 - 136	10.71218	11.02601	-0.3138	+/-1.0	
LCS (9I20007-BS1)			Lab File ID: 6A46181		Analyzed: 09/25/09 04:58			
Decachlorobiphenyl	6.54	97	42 - 146	22.31062	22.68772	-0.3771	+/-1.0	
Decachlorobiphenyl [2C]	6.54	110	42 - 146	25.53448	26.11406	-0.5796	+/-1.0	
Tetrachloro-m-xylene	6.54	108	37 - 135	9.357999	9.636484	-0.2785	+/-1.0	
Tetrachloro-m-xylene [2C]	6.54	73	37 - 136	10.71147	11.02601	-0.3145	+/-1.0	

Form 2

SURROGATE STANDARD RECOVERY AND RT SUMMARY

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Sequence:	RI92925	Instrument:	HP6890-6
Matrix:	Solid	Calibration:	R9I2904

Surrogate Compound	Spike Level ug/kg dry	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
CGS-US1-091709 (RSI0634-01)			Lab File ID: 6A46240		Analyzed: 09/29/09 02:32			
Decachlorobiphenyl	24.5	169	42 - 146	22.10082	22.08204	0.0188	+/-1.0	*
Decachlorobiphenyl [2C]	24.5	314	42 - 146	25.25846	25.21592	0.0425	+/-1.0	*
Tetrachloro-m-xylene	24.5	121	37 - 135	9.194136	9.178268	0.0159	+/-1.0	
Tetrachloro-m-xylene [2C]	24.5	110	37 - 136	10.54256	10.53044	0.0121	+/-1.0	
CGS-USD1-091709 (RSI0634-02)			Lab File ID: 6A46241		Analyzed: 09/29/09 03:08			
Decachlorobiphenyl	24.2	154	42 - 146	22.0966	22.08204	0.0146	+/-1.0	*
Decachlorobiphenyl [2C]	24.2	186	42 - 146	25.24903	25.21592	0.0331	+/-1.0	*
Tetrachloro-m-xylene	24.2	120	37 - 135	9.192714	9.178268	0.0144	+/-1.0	
Tetrachloro-m-xylene [2C]	24.2	110	37 - 136	10.54188	10.53044	0.0114	+/-1.0	
CGS-DS1-091709 (RSI0634-03)			Lab File ID: 6A46242		Analyzed: 09/29/09 03:44			
Decachlorobiphenyl	24.1	112	42 - 146	22.095	22.08204	0.0130	+/-1.0	
Decachlorobiphenyl [2C]	24.1	169	42 - 146	25.24854	25.21592	0.0326	+/-1.0	*
Tetrachloro-m-xylene	24.1	120	37 - 135	9.187011	9.178268	0.0087	+/-1.0	
Tetrachloro-m-xylene [2C]	24.1	111	37 - 136	10.53767	10.53044	0.0072	+/-1.0	
CGS-DSD1-091709 (RSI0634-04)			Lab File ID: 6A46243		Analyzed: 09/29/09 04:20			
Decachlorobiphenyl	17.3	122	42 - 146	22.0946	22.08204	0.0126	+/-1.0	
Decachlorobiphenyl [2C]	17.3	202	42 - 146	25.24826	25.21592	0.0323	+/-1.0	*
Tetrachloro-m-xylene	17.3	119	37 - 135	9.188422	9.178268	0.0102	+/-1.0	
Tetrachloro-m-xylene [2C]	17.3	110	37 - 136	10.53632	10.53044	0.0059	+/-1.0	

Form 3

LCS / LCS DUPLICATE RECOVERY

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Matrix:	Solid	Spike standard:	9080196
Batch:	9I20007	Laboratory ID:	9I20007-BS1
Preparation:	3550B GC	Initial/Final:	30.56 g / 10 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
alpha-BHC	16.4	ug/kg wet	14.9	91	49 - 120
alpha-BHC [2C]	16.4	ug/kg wet	13.1	80	49 - 120
beta-BHC	16.4	ug/kg wet	16.7	102	56 - 120
beta-BHC [2C]	16.4	ug/kg wet	14.6	89	56 - 120
delta-BHC	16.4	ug/kg wet	16.0	98	45 - 123
delta-BHC [2C]	16.4	ug/kg wet	14.8	90	45 - 123
gamma-BHC (Lindane)	16.4	ug/kg wet	15.6	96	50 - 120
gamma-BHC (Lindane) [2C]	16.4	ug/kg wet	13.8	84	50 - 120

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

* Values outside of QC limits

PREPARATION BATCH SUMMARY

8081A

Laboratory: TestAmerica Buffalo

SDG:

Client: Olin Chlor Alkali Products - Cleveland, TN

Project: Olin - Charles Gibson site - NY3A9025AE03759

Batch: 9I20007 Batch Matrix: Solid

Preparation: 3550B GC

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	9I20007-BLK1	30.2 g	10.0 mL	09/21/09 08:00	N/A
LCS	9I20007-BS1	30.6 g	10.0 mL	09/21/09 08:00	N/A
CGS-US1-091709	RSI0634-01	30.3 g	10.0 mL	09/21/09 08:00	N/A
CGS-USD1-091709	RSI0634-02	30.2 g	10.0 mL	09/21/09 08:00	N/A
CGS-DS1-091709	RSI0634-03	30.5 g	10.0 mL	09/21/09 08:00	N/A
CGS-DSD1-091709	RSI0634-04	30.4 g	10.0 mL	09/21/09 08:00	N/A

METHOD DETECTION AND REPORTING LIMITS

8081A

Laboratory: TestAmerica Buffalo **SDG:**

Client: Olin Chlor Alkali Products - Cleveland, TN **Project:** Olin - Charles Gibson site - NY3A9025AE(

Matrix: Solid **Instrument:** HP6890-6

Analyte	MDL	MRL	Units
alpha-BHC	0.30	1.7	ug/kg
alpha-BHC [2C]	0.30	1.7	ug/kg
beta-BHC	1.2	1.7	ug/kg
beta-BHC [2C]	1.2	1.7	ug/kg
delta-BHC	0.22	1.7	ug/kg
delta-BHC [2C]	0.22	1.7	ug/kg
gamma-BHC (Lindane)	0.29	1.7	ug/kg
gamma-BHC (Lindane) [2C]	0.29	1.7	ug/kg

Form 1
ORGANIC ANALYSIS DATA SHEET
8081A

CGS-US1-091709

Laboratory: TestAmerica Buffalo SDG:

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Matrix: Solid Laboratory ID: RSI0634-01 File ID: 6A46240

Sampled: 09/17/09 11:30 Prepared: 09/21/09 08:00 Analyzed: 09/29/09 02:32

Solids: 26.93 Preparation: 3550B GC Initial/Final: 30.28 g / 10 mL

Batch: 9I20007 Sequence: RI92925 Calibration: R9I2904 Instrument: HP6890-6

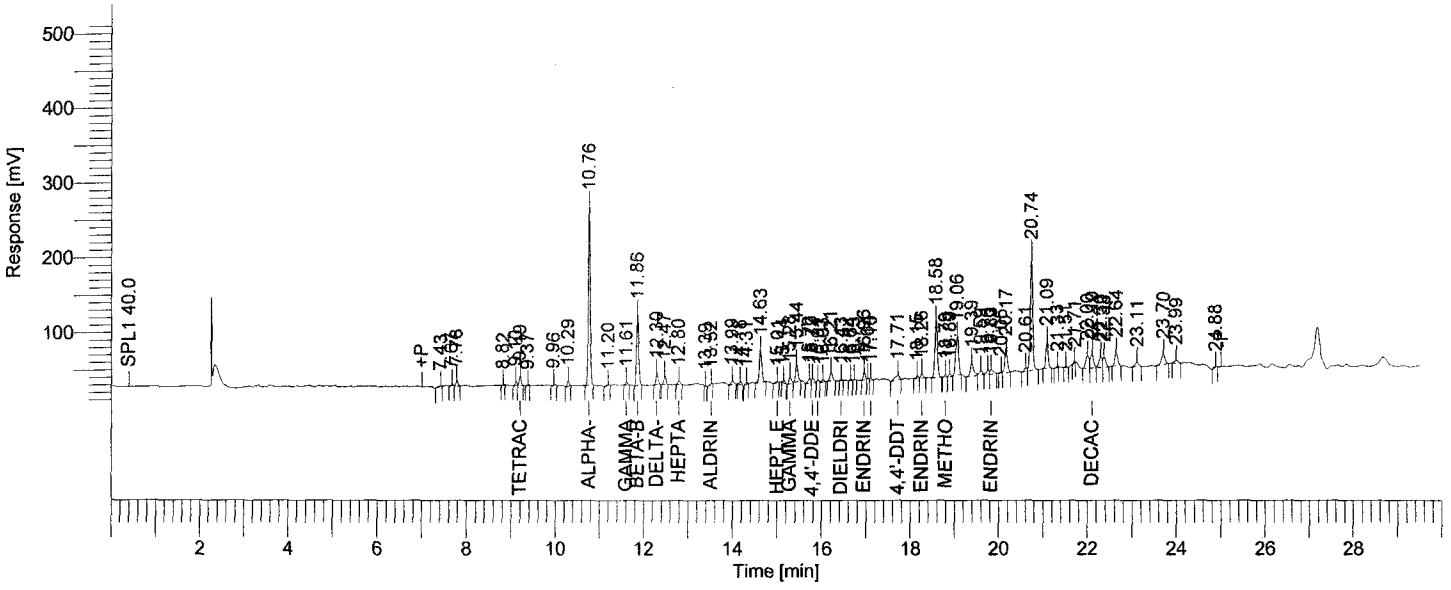
CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
319-84-6	alpha-BHC	10	240	D
319-85-7	beta-BHC	10	260	D
319-86-8	delta-BHC	10	39	JD
58-89-9	gamma-BHC (Lindane)	10	18	JPD

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl	24.5	41.3	169	42 - 146	*
Tetrachloro-m-xylene	24.5	29.7	121	37 - 135	

* Values outside of QC limits

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:11
Reprocess Number	: buf2048: 98824		
Operator	: tchrom	Sample Name	: RSI0634-01
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/40
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 09/29/2009 02:32:22	Cycle	: 14

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46240.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46240.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46240.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46240.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46240.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

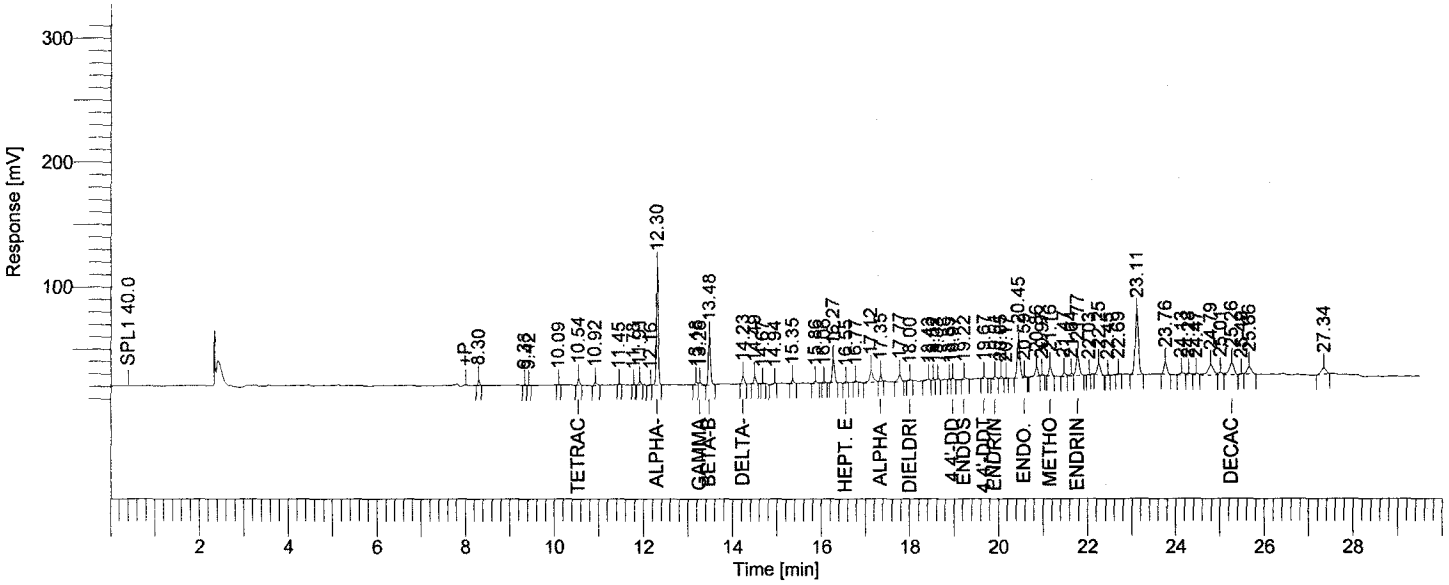
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.43	7870		B	0.00787	785.89
2	7.67	6958		B	0.00696	1758.60
3	7.78	21337		V	0.02134	6852.48
4	8.82	2352		B	0.00235	980.47
5	9.10	16956		B	0.01696	5353.37
6	9.19	39045	Tetrachloro-m-xylene	V	0.00242	12363.80
7	9.37	2308		B	0.00231	835.05
8	9.96	8856		B	0.00886	1960.24
9	10.29	21079		B	0.02108	6751.52
10	10.76	729758	alpha-BHC	B	0.01956	239800.79
11	11.20	5585		B	0.00558	730.16
12	11.61	12127	gamma-BHC	B	0.00150	3680.38
13	11.86	311297	beta-BHC	B	0.02139	94649.54
14	12.30	46039	delta-BHC	B	0.00318	14404.71
15	12.47	38638		B	0.03864	12080.67
16	12.80	15714	~~Heptachlor~~ NLF	B	7.04e-04	4570.86

09/29/2009 07:51:11 Result: H:\TURBO6\6890-06\6-SEQ46\6A46240.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	13.39	2059		B	0.00206	1159.35
18	13.52	5094	Aldrin	B	0.00107	1046.33
19	13.99	22253		B	0.02225	4991.88
20	14.18	15644		B	0.01564	4096.21
21	14.31	9909		B	0.00991	2155.34
22	14.63	169531		B	0.16953	42153.91
23	15.01	7256	Hept. epoxide	B	1.91e-04	990.27
24	15.14	10928		B	0.01093	2855.82
25	15.28	32713	gamma chlordane	B	0.00186	8902.93
26	15.44	94525		V	0.09452	23566.21
27	15.72	25463		B	0.02546	6019.23
28	15.79	25497	4,4'-DDE	V	0.00206	5620.27
29	15.91	12821	Endosulfan I	V	5.41e-04	3473.22
30	16.03	12799		V	0.01280	3148.73
31	16.21	45571		B	0.04557	11677.11
32	16.43	4788	Dieldrin	B	0.00109	1737.82
33	16.64	5114		B	0.00511	1647.20
34	16.73	3462		V	0.00346	1175.30
35	16.96	33540	Endrin	B	0.00256	11202.89
36	17.04	7148		V	0.00715	2270.51
37	17.10	7916	4,4'-DDD	V	0.00138	2480.54
38	17.71	44758	4,4'-DDT	B	0.00442	6202.90
39	18.15	11300		B	0.01130	2608.14
40	18.26	22964	Endrin aldehyde	V	0.00158	6509.33
41	18.58	299804		B	0.29980	76293.88
42	18.79	8805	Methoxychlor	B	0.00194	2579.84
43	18.89	12885		V	0.01289	3498.59
44	19.06	234767		V	0.23477	51585.86
45	19.39	95842		B	0.09584	18248.63
46	19.59	27575		V	0.02757	5822.31
47	19.76	24611		V	0.02461	5621.62
48	19.83	31573	Endrin ketone	V	0.00329	6060.12
49	20.05	6036		B	0.00604	1962.64
50	20.17	126511		V	0.12651	28639.36
51	20.61	21779		B	0.02178	4843.98
52	20.74	631374		V	0.63137	154654.50
53	21.09	133094		B	0.13309	36564.62
54	21.33	2433		B	0.00243	492.23
55	21.51	4933		B	0.00493	1497.05
56	21.71	3640		B	0.00364	1085.03
57	22.00	85689		B	0.08569	16388.53
58	22.10	94799	Decachlorobiphenyl	V	0.00337	18727.59
59	22.30	72755		V	0.07276	13994.90
60	22.38	58166		V	0.05817	13238.55
61	22.64	86330		B	0.08633	18305.41
62	23.11	31075		B	0.03107	5860.98
63	23.70	74079		B	0.07408	13262.35
64	23.99	24262		B	0.02426	4024.47
65	24.88	6705		B	0.00670	1259.92
		4118493			2.70611	1.07e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:15
Reprocess Number	: buf2048: 98825		
Operator	: tchrom	Sample Name	: RSI0634-01
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/40
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 09/29/2009 02:32:22	Cycle	: 14

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46240.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46240.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46240.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46240.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46240.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.30	10329		B	0.01033	3762.00
2	9.33	1642		B	0.00164	607.43
5	10.54	15140	Tetrachloro-m-xylene (	B	0.00221	4873.81
6	10.92	9950		B	0.00995	2546.24
9	11.91	9596		B	0.00960	3055.66
10	12.16	3239		B	0.00324	618.77
11	12.30	302630	alpha-BHC (2C)	V	0.02166	95050.40
12	13.18	8553		B	0.00855	2289.26
13	13.26	10233	gamma-BHC (2C)	V	0.00213	2108.53
14	13.48	136116	beta-BHC (2C)	B	0.02280	39038.00
15	14.23	19514	delta-BHC (2C)	B	0.00341	5916.85
16	14.49	18871		B	0.01887	5380.56
17	14.67	2127		B	0.00213	630.99
18	14.94	3748		B	0.00375	797.73
19	15.35	9383		B	0.00938	2810.52
20	15.86	7561		B	0.00756	1738.14

09/29/2009 07:51:15 Result: H:\TURBO6\6890-06\6-SEQ46\6b46240.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
21	16.06	4184		B	0.00418	1467.68
22	16.27	72752		B	0.07275	17998.02
23	16.55	3861	Hept. epoxide (2C) NF	B	3.71e-04	965.76
24	16.77	2954		B	0.00295	975.72
25	17.12	55167		B	0.05517	9655.79
26	17.35	14140	alpha chlordane (2C)	V	0.00141	4709.82
27	17.77	26411		B	0.02641	5486.04
28	18.00	3985	Dieldrin (2C)	B	0.00126	1153.39
29	18.43	6972		B	0.00697	1102.62
30	18.52	3768		B	0.00377	1192.41
31	18.63	3103		V	0.00310	768.60
33	18.97	4082	4,4'-DDD (2C)	V	0.00161	1325.13
34	19.22	7509	Endosulfan II (2C)	B	8.30e-04	1575.57
35	19.67	6659	4,4'-DDT (2C)	B	0.00321	1652.55
36	19.91	10161	Endrin aldehyde (2C)	B	6.98e-04	2304.69
37	20.05	7285		V	0.00729	1649.84
39	20.45	133031		B	0.13303	31233.81
40	20.59	5714	Endo. Sulfate (2C)	E	0.00273	1579.06
41	20.86	33389		B	0.03339	7461.92
42	20.97	4045		B	0.00405	1529.90
43	21.16	30132	Methoxychlor (2C)	B	0.00822	7223.67
44	21.47	13176		B	0.01318	2815.15
45	21.64	11115		V	0.01112	2083.18
46	21.77	76580	Endrin ketone (2C)	V	0.00977	15609.49
48	22.25	44617		B	0.04462	8994.71
49	22.45	1661		B	0.00166	464.84
50	22.69	2464		B	0.00246	589.73
51	23.11	265336		B	0.26534	49363.51
52	23.76	45874		B	0.04587	9419.73
53	24.13	11959		B	0.01196	1552.52
54	24.28	7830		V	0.00783	1254.80
55	24.47	6761		V	0.00676	1312.52
56	24.79	75623		V	0.07562	8246.06
57	25.01	13288		V	0.01329	2071.50
58	25.26	71115	Decachlorobiphenyl (2C	V	0.00628	9469.17
59	25.49	3293		B	0.00329	664.90
60	25.66	39130		V	0.03913	5667.03
61	27.34	39533		B	0.03953	4973.74
		1737292			1.10831	398789.48

Form 1
ORGANIC ANALYSIS DATA SHEET
8081A

CGS-USD1-091709

Laboratory: TestAmerica Buffalo SDG:

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Matrix: Solid Laboratory ID: RSI0634-02 File ID: 6A46241

Sampled: 09/17/09 11:40 Prepared: 09/21/09 08:00 Analyzed: 09/29/09 03:08

Solids: 27.37 Preparation: 3550B GC Initial/Final: 30.15 g / 10 mL

Batch: 9I20007 Sequence: RI92925 Calibration: R9I2904 Instrument: HP6890-6

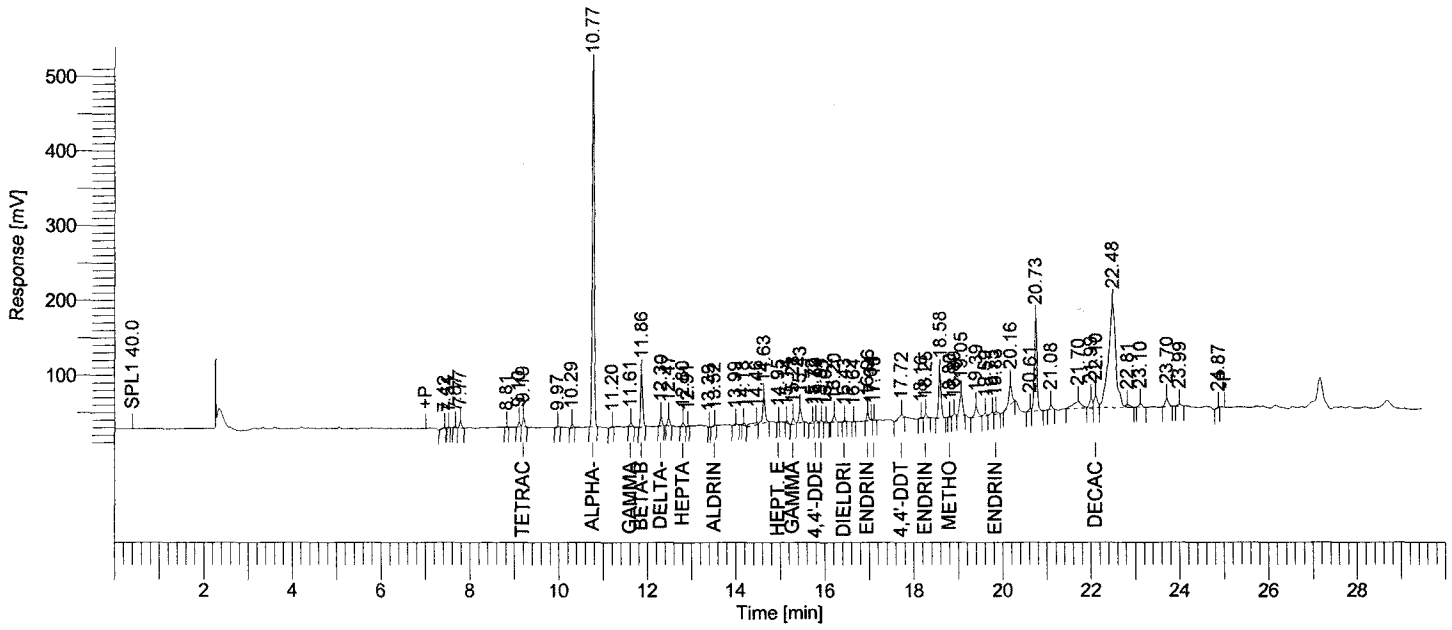
CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
319-84-6	alpha-BHC	10	530	D
319-85-7	beta-BHC	10	190	D
319-86-8	delta-BHC	10	36	JD
58-89-9	gamma-BHC (Lindane)	10	19	JPD

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl	24.2	37.2	154	42 - 146	*
Tetrachloro-m-xylene	24.2	29.1	120	37 - 135	

* Values outside of QC limits

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:18
Reprocess Number	: buf2048: 98826		
Operator	: tchrom	Sample Name	: RSI0634-02
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/41
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 09/29/2009 03:08:27	Cycle	: 15

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46241.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46241.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46241.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46241.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46241.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.42	7077		B	0.00708	613.54
2	7.51	1760		B	0.00176	717.31
3	7.67	6918		B	0.00692	1645.85
4	7.77	26019		V	0.02602	8258.40
5	8.81	3310		B	0.00331	1319.76
6	9.10	19338		B	0.01934	6076.96
7	9.19	38394	Tetrachloro-m-xylene	V	0.00240	12037.58
8	9.97	7340		B	0.00734	1624.26
9	10.29	16317		B	0.01632	5285.89
10	10.77	1669824	alpha-BHC	B	0.04342	546569.22
11	11.20	4740		B	0.00474	593.04
12	11.61	15281	gamma-BHC	B	0.00158	4707.83
13	11.86	232596	beta-BHC	B	0.01584	70913.24
14	12.30	39264	delta-BHC	B	0.00300	12201.72
15	12.47	35016		B	0.03502	10936.32
16	12.80	15668	Heptachlor	B	7.03e-04	4635.81

09/29/2009 07:51:18 Result: H:\TURBO6\6890-06\6-SEQ46\6A46241.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
18	13.39	1632		B	0.00163	931.17
19	13.52	5241	Aldrin	B	0.00108	946.22
20	13.99	10264		B	0.01026	1986.12
21	14.18	10540		B	0.01054	2824.21
22	14.46	42302		B	0.04230	2860.72
23	14.63	143858		V	0.14386	33651.44
24	14.95	1713	Hept. epoxide	B	1.08e-05	647.89
25	15.14	8499		B	0.00850	2225.76
26	15.28	27650	gamma chlordane	B	0.00171	7320.42
27	15.43	73548		V	0.07355	18335.41
28	15.72	13453		B	0.01345	3201.29
29	15.79	17346	4,4'-DDE	V	0.00180	4093.38
30	15.91	14484	Endosulfan I	V	6.01e-04	3749.49
31	16.02	9246		V	0.00925	2411.24
32	16.20	32469		B	0.03247	8509.28
33	16.43	3886	Dieldrin	B	0.00106	1426.92
34	16.64	2871		B	0.00287	1025.25
35	16.96	36586	Endrin	B	0.00267	12050.20
36	17.04	4941		E	0.00494	1715.76
37	17.10	7600	4,4'-DDD	V	0.00137	2293.36
38	17.72	30084	4,4'-DDT	B	0.00382	4834.89
39	18.16	5997		B	0.00600	1630.17
40	18.25	21784	Endrin aldehyde	V	0.00151	5643.24
41	18.58	230429		B	0.23043	58893.81
42	18.80	2781	Methoxychlor	B	0.00141	940.12
43	18.89	15520		V	0.01552	3670.41
44	19.05	140073		V	0.14007	28137.90
45	19.39	73445		B	0.07345	13744.27
46	19.59	15158		V	0.01516	3725.76
47	19.75	15218		V	0.01522	3670.50
48	19.83	19864	Endrin ketone	V	0.00282	3831.47
49	20.16	140721		B	0.14072	27077.20
50	20.61	18291		B	0.01829	4336.30
51	20.73	512064		V	0.51206	121444.39
52	21.08	21833		B	0.02183	5953.41
53	21.70	124591		B	0.12459	9716.94
54	21.99	62923		V	0.06292	11937.61
55	22.10	88093	Decachlorobiphenyl	V	0.00307	16296.57
56	22.48	1615666		V	1.61567	138292.42
57	22.81	23925		E	0.02393	3264.59
58	23.10	24329		B	0.02433	4525.99
59	23.70	56294		B	0.05629	10022.07
60	23.99	15079		B	0.01508	2619.17
61	24.87	4723		B	0.00472	926.94
		5885877			3.68762	1.29e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:21
Reprocess Number	: buf2048: 98827		
Operator	: tchrom	Sample Name	: RSI0634-02
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/41
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 09/29/2009 03:08:27	Cycle	: 15

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46241.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46241.rst
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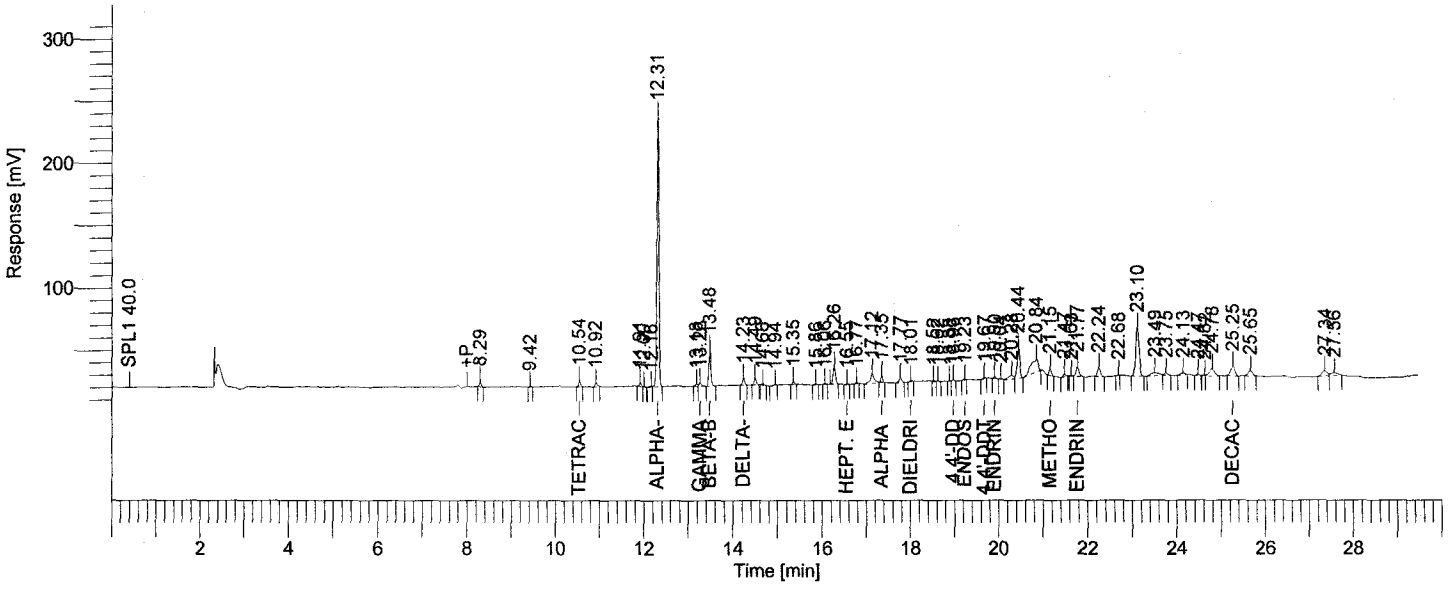
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46241.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46241.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.29	12433		B	0.01243	4528.01
2	9.42	1677		B	0.00168	614.05
3	10.54	15152	Tetrachloro-m-xylene (	B	0.00221	4868.81
4	10.92	10143		B	0.01014	2787.09
5	11.91	9057		B	0.00906	2552.93
6	12.00	3233		V	0.00323	1000.04
7	12.16	3731		B	0.00373	645.77
8	12.31	688295	alpha-BHC (2C)	V	0.04648	217183.77
9	13.18	6196		B	0.00620	1769.47
10	13.26	12824	gamma-BHC (2C)	V	0.00231	2802.48
11	13.48	102075	beta-BHC (2C)	B	0.01684	29483.26
12	14.23	16819	delta-BHC (2C)	B	0.00323	5100.62
13	14.49	16813		B	0.01681	4794.67
14	14.66	3064		B	0.00306	846.52
15	14.94	3238		B	0.00324	713.81
16	15.35	7009		B	0.00701	2124.16

09/29/2009 07:51:21 Result: H:\TURBO6\6890-06\6-SEQ46\6b46241.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	15.86	2972		B	0.00297	627.37
18	16.06	2855		B	0.00285	992.77
19	16.26	57716		B	0.05772	14383.99
20	16.55	2038	Hept. epoxide (2C)	B	2.11e-04	546.70
21	16.77	3426		B	0.00343	1173.36
22	17.12	48127		B	0.04813	7766.76
23	17.35	15869	alpha chlordane (2C)	V	0.00157	5113.51
24	17.77	19805		B	0.01980	4156.05
25	18.01	3065	Dieldrin (2C)	B	0.00118	905.18
26	18.52	2451		B	0.00245	780.53
27	18.62	1882		V	0.00188	546.05
29	18.96	3562	4,4'-DDD (2C)	V	0.00155	1134.78
30	19.23	2338	Endosulfan II (2C)	B	2.51e-04	675.22
31	19.67	3843	4,4'-DDT (2C)	B	0.00286	1008.69
32	19.90	5255	Endrin aldehyde (2C)	B	-1.2e-04	1574.95
33	20.04	3839		V	0.00384	1107.87
34	20.28	25785		B	0.02578	2957.20
35	20.44	102120		V	0.10212	23971.72
36	20.84	122455		B	0.12246	10265.28
37	21.15	20623	Methoxychlor (2C)	B	0.00565	5283.38
38	21.47	8801		B	0.00880	2061.15
39	21.63	2521		B	0.00252	802.40
40	21.77	35279	Endrin ketone (2C)	V	0.00512	7532.63
41	22.24	32880		B	0.03288	6820.94
43	23.10	208791		B	0.20879	38929.88
44	23.49	31376		B	0.03138	2419.85
45	23.75	10276		V	0.01028	1858.58
46	24.13	10115		B	0.01012	1448.69
47	24.47	4702		B	0.00470	1029.90
48	24.62	1867		B	0.00187	543.20
49	24.78	46788		V	0.04679	5933.57
50	25.25	49481	Decachlorobiphenyl (2C	B	0.00373	7443.10
51	25.65	28901		B	0.02890	4370.11
52	27.34	35951		B	0.03595	4177.81
53	27.56	24948		V	0.02495	2251.66
		1894462			1.01100	454410.34

Form 1
ORGANIC ANALYSIS DATA SHEET
8081A

CGS-DS1-091709

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN			Project:	Olin - Charles Gibson site - NY3A9025AE03759
Matrix:	Solid	Laboratory ID:	RSI0634-03	File ID:	6A46242
Sampled:	09/17/09 12:00	Prepared:	09/21/09 08:00	Analyzed:	09/29/09 03:44
Solids:	27.16	Preparation:	3550B GC	Initial/Final:	30.54 g / 10 mL
Batch:	9I20007	Sequence:	RI92925	Calibration:	R9I2904
Instrument:	HP6890-6				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
319-84-6	alpha-BHC	10	210	D
319-85-7	beta-BHC	10	73	D
319-86-8	delta-BHC	10	32	JD
58-89-9	gamma-BHC (Lindane)	10	60	UD

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl	24.1	27.0	112	42 - 146	
Tetrachloro-m-xylene	24.1	28.9	120	37 - 135	

* Values outside of QC limits

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:25
Reprocess Number	: buf2048: 98828		
Operator	: tchrom	Sample Name	: RSI0634-03
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/42
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 09/29/2009 03:44:16	Cycle	: 16

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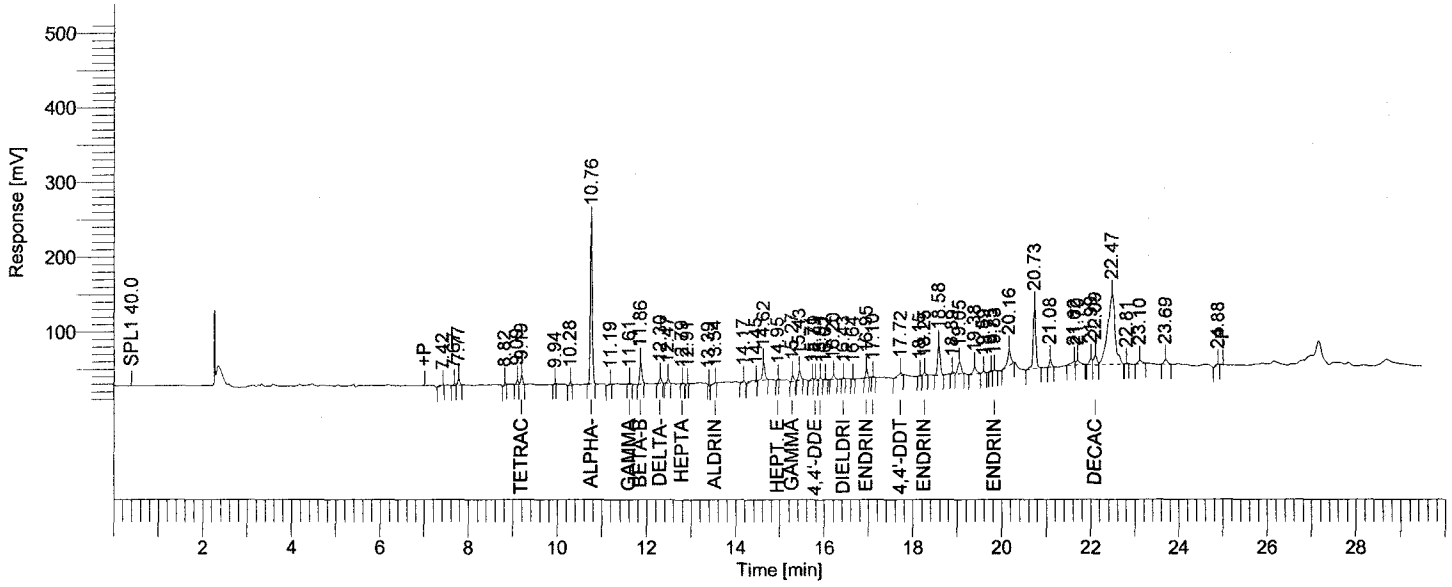
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46242.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46242.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.42	7594		B	0.00759	658.36
2	7.67	8621		B	0.00862	2087.21
3	7.77	31541		V	0.03154	9904.84
4	8.82	10993		B	0.01099	4281.42
5	9.09	15673		B	0.01567	5046.37
6	9.19	38373	Tetrachloro-m-xylene	V	0.00240	12222.87
7	9.94	2367		B	0.00237	1003.43
8	10.28	10052		B	0.01005	3423.53
9	10.76	661004	alpha-BHC	B	0.01782	217474.41
10	11.19	5071		B	0.00507	623.99
11	11.61	6351	~~gamma-BHC~~	B	0.00134	1729.11
12	11.86	93643	beta-BHC	B	0.00602	28287.71
13	12.30	25055	delta-BHC	B	0.00262	7801.63
14	12.47	18355		B	0.01836	5902.74
15	12.79	4247	Heptachlor NLF	B	3.62e-04	1298.85
17	13.39	1845		B	0.00184	1059.03

09/29/2009 07:51:25 Result: H:\TURBO6\6890-06\6-SEQ46\6A46242.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
18	13.54	6088	Aldrin	B	0.00110	780.62
19	14.17	11758		B	0.01176	2472.38
20	14.45	26631		B	0.02663	1822.47
21	14.62	95269		V	0.09527	22863.43
22	14.95	1713	Hept. epoxide	B	1.08e-05	585.55
23	15.27	26685	gamma chlordane	B	0.00168	7690.91
24	15.43	48087		B	0.04809	12267.63
25	15.71	13380		B	0.01338	3020.97
26	15.79	13861	4,4'-DDE	V	0.00169	3273.11
27	15.91	13305	Endosulfan I	V	5.58e-04	3435.48
28	16.02	6939		V	0.00694	1754.80
29	16.20	22127		B	0.02213	5727.69
30	16.43	3181	Dieldrin	B	0.00104	1154.01
31	16.64	2057		B	0.00206	756.71
32	16.95	35330	Endrin	B	0.00262	12639.43
33	17.10	3724	4,4'-DDD	B	0.00121	1378.31
34	17.72	20650	4,4'-DDT	B	0.00344	3226.79
35	18.15	3907		B	0.00391	1153.15
36	18.25	13424	Endrin aldehyde	V	0.00101	3831.68
37	18.58	157315		B	0.15732	40239.07
38	18.89	9069		B	0.00907	2283.26
39	19.05	79656		V	0.07966	15305.46
40	19.38	51867		B	0.05187	9519.68
41	19.59	10092		V	0.01009	2543.15
42	19.75	5055		B	0.00505	1943.19
43	19.83	6670	Endrin ketone	V	0.00229	1790.16
44	20.16	115677		B	0.11568	20282.71
45	20.73	365667		B	0.36567	83784.25
46	21.08	33688		B	0.03369	9423.79
47	21.62	30826		B	0.03083	4694.45
48	21.70	37903		V	0.03790	5784.07
49	21.99	35306		B	0.03531	7628.45
50	22.09	69518	Decachlorobiphenyl	V	0.00224	13379.18
51	22.47	1094443		V	1.09444	93263.38
52	22.81	2103		B	0.00210	678.73
53	23.10	28483		B	0.02848	4312.40
54	23.69	36331		B	0.03633	6535.12
55	24.88	8420		B	0.00842	1170.43
		3486989			2.49362	717201.59

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:28
Reprocess Number	: buf2048: 98829		
Operator	: tchrom	Sample Name	: RSI0634-03
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/42
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 09/29/2009 03:44:16	Cycle	: 16

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46242.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46242.rst
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Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46242.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46242.rst
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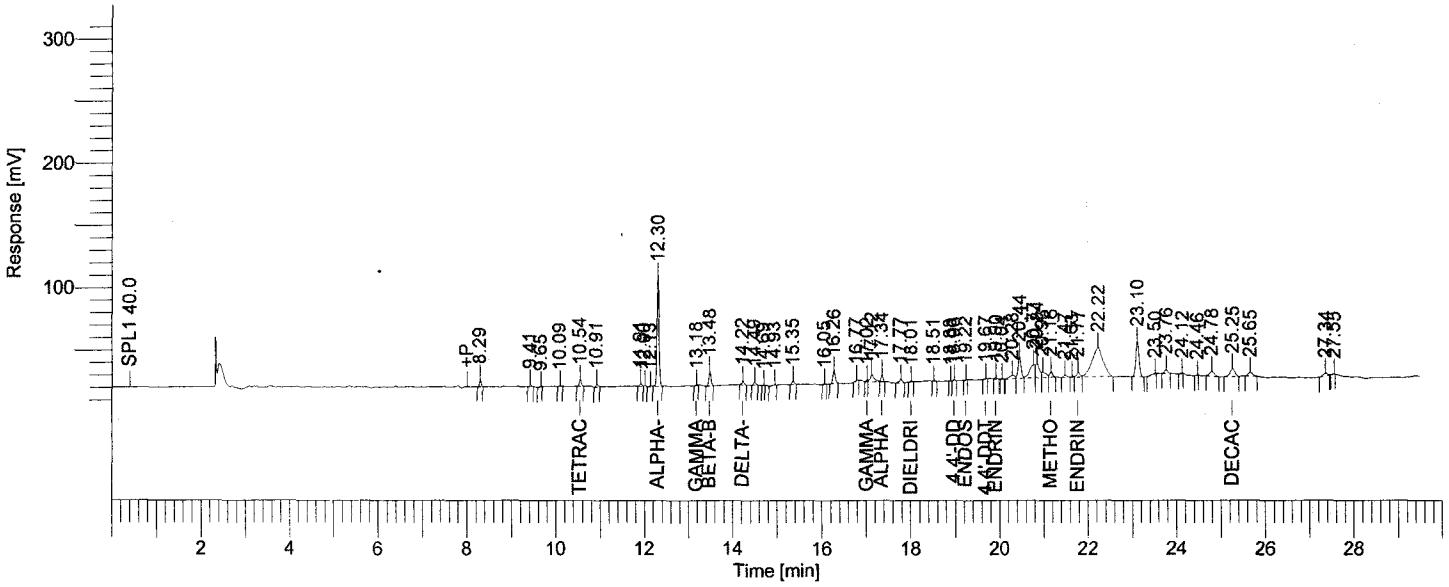
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.29	15606		B	0.01561	5639.54
2	9.41	5341		B	0.00534	1868.73
3	9.65	1767		B	0.00177	272.40
4	10.09	1917		B	0.00192	634.62
5	10.54	15196	Tetrachloro-m-xylene (	B	0.00221	4823.49
6	10.91	7398		B	0.00740	2125.38
7	11.91	6517		B	0.00652	1798.63
8	12.00	3073		V	0.00307	966.06
9	12.13	3554		B	0.00355	623.52
10	12.30	277392	alpha-BHC (2C)	V	0.02003	87098.97
11	13.18	1855	~~gamma-BHC (2C)~~ RT	B	0.00154	677.11
12	13.48	38802	beta-BHC (2C)	B	0.00576	11535.04
13	14.22	10454	delta-BHC (2C)	B	0.00279	3137.68
14	14.49	8732		B	0.00873	2567.30
16	14.93	5114		B	0.00511	853.41
17	15.35	9405		B	0.00941	2879.18

09/29/2009 07:51:28 Result: H:\TURBO6\6890-06\6-SEQ46\6b46242.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
18	16.05	2185		B	0.00218	785.63
19	16.26	37802		B	0.03780	9610.20
20	16.77	3223		B	0.00322	1067.43
21	17.02	2926	gamma chlordane (2C)	B	7.15e-04	1097.41
22	17.12	33108		V	0.03311	5503.98
23	17.34	16028	alpha chlordane (2C)	V	0.00158	5337.69
24	17.77	13178		B	0.01318	2762.76
25	18.01	2006	Dieldrin (2C)	B	0.00108	612.39
28	18.96	3053	4,4'-DDD (2C)	V	0.00149	941.69
29	19.22	1507	Endosulfan II (2C)	B	1.59e-04	498.49
30	19.67	1679	4,4'-DDT (2C)	B	0.00259	487.25
31	19.90	3947	Endrin aldehyde (2C)	B	-3.4e-04	1232.14
32	20.04	2013		B	0.00201	620.57
33	20.28	25454		B	0.02545	2808.17
34	20.44	77845		V	0.07785	16892.86
35	20.77	90193		V	0.09019	10261.53
36	20.84	66947		V	0.06695	10789.00
37	20.96	29063		V	0.02906	4344.31
38	21.16	20357	Methoxychlor (2C)	V	0.00558	4295.14
39	21.47	10045		B	0.01004	1855.53
40	21.63	3651		V	0.00365	829.50
41	21.77	19752	Endrin ketone (2C)	V	0.00337	3779.17
42	22.22	406611		V	0.40661	23325.42
43	23.10	147718		B	0.14772	27942.57
44	23.50	4993		B	0.00499	389.90
45	23.76	14569		B	0.01457	2865.63
48	24.78	28877		B	0.02888	3930.06
49	25.25	46630	Decachlorobiphenyl (2C	B	0.00339	6371.58
50	25.65	20279		B	0.02028	3030.91
51	27.34	13756		B	0.01376	1957.14
		1561519			1.15189	283727.11

Form 1

ORGANIC ANALYSIS DATA SHEET

8081A

CGS-DSD1-091709

Laboratory:	TestAmerica Buffalo			SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN			Project:	Olin - Charles Gibson site - NY3A9025AE03759
Matrix:	Solid	Laboratory ID:	RSI0634-04	File ID:	6A46243
Sampled:	09/17/09 12:20	Prepared:	09/21/09 08:00	Analyzed:	09/29/09 04:20
Solids:	37.92	Preparation:	3550B GC	Initial/Final:	30.44 g / 10 mL
Batch:	9I20007	Sequence:	RI92925	Calibration:	R9I2904
Instrument:	HP6890-6				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
319-84-6	alpha-BHC	10	93	D
319-85-7	beta-BHC	10	170	D
319-86-8	delta-BHC	10	24	JD
58-89-9	gamma-BHC (Lindane)	10	43	UD

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl	17.3	21.2	122	42 - 146	
Tetrachloro-m-xylene	17.3	20.7	119	37 - 135	

* Values outside of QC limits

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:31
Reprocess Number	: buf2048: 98830		
Operator	: tchrom	Sample Name	: RSI0634-04
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/43
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 09/29/2009 04:20:15	Cycle	: 17

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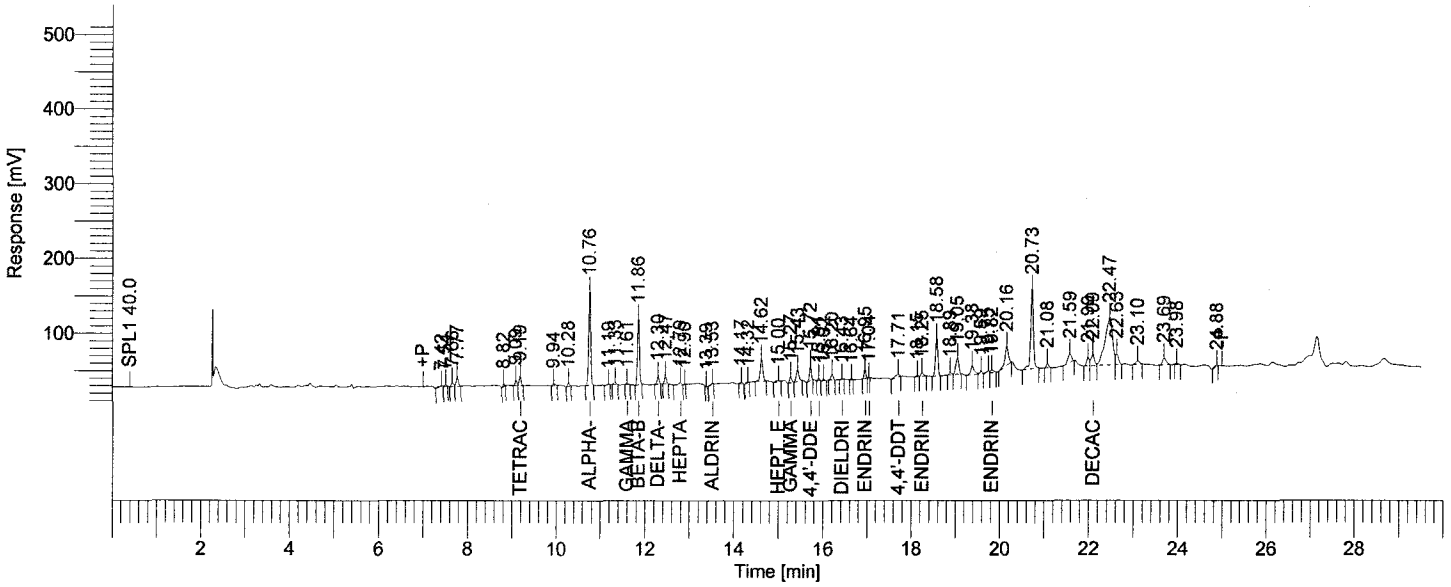
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46243.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46243.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

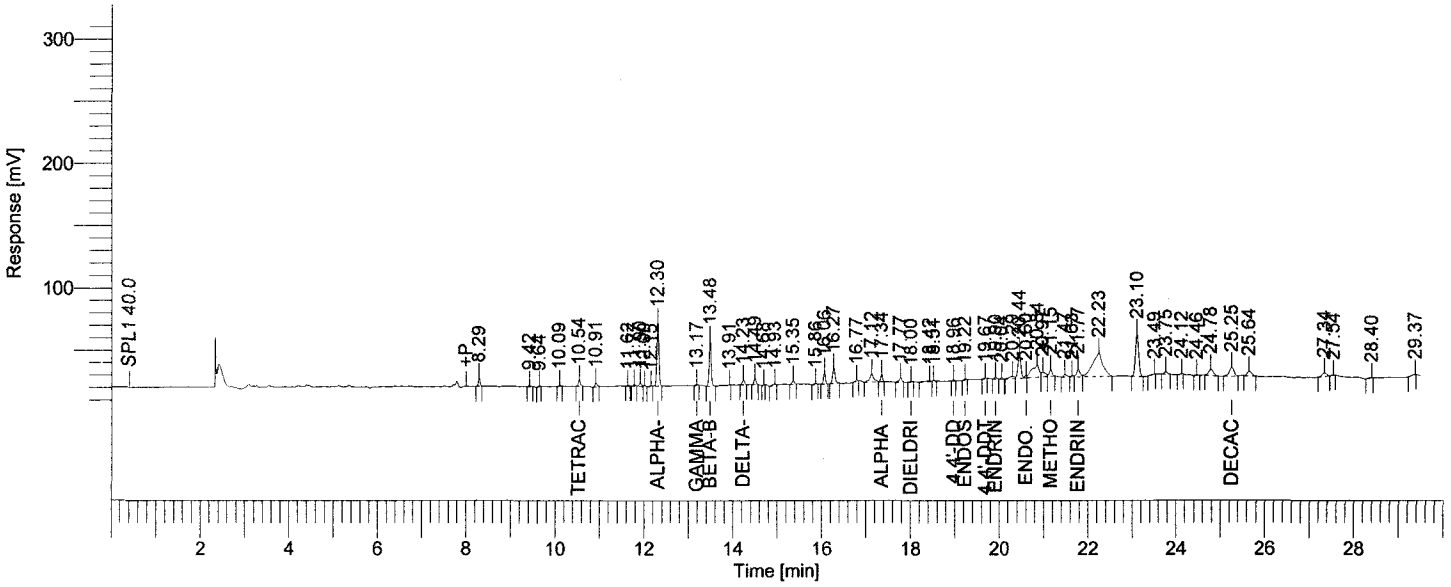
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.42	12979		B	0.01298	1535.07
2	7.51	7348		V	0.00735	2375.95
3	7.66	20391		B	0.02039	5250.68
4	7.77	44240		V	0.04424	13094.03
5	8.82	6588		B	0.00659	2693.10
6	9.09	21584		B	0.02158	6880.27
7	9.19	38121	Tetrachloro-m-xylene	V	0.00239	12040.67
8	9.94	11073		B	0.01107	2607.57
9	10.28	12934		B	0.01293	4283.49
10	10.76	382604	alpha-BHC	B	0.01075	125590.32
11	11.19	4617		B	0.00462	608.27
12	11.33	10200		B	0.01020	2994.27
13	11.61	4618	~~gamma-BHC~~ PT	B	0.00129	1441.05
14	11.86	285288	beta-BHC	B	0.01956	88134.90
15	12.30	31136	delta-BHC	B	0.00278	9877.96
16	12.47	34835		B	0.03484	11146.03

09/29/2009 07:51:31 Result: H:\TURBO6\6890-06\6-SEQ46\6A46243.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	12.79	17511	Heptachlor NF	B	7.58e-04	3230.18
19	13.39	2292		B	0.00229	1331.06
20	13.53	5955	Aldrin	B	0.00110	952.15
21	14.17	9320		B	0.00932	2443.66
22	14.32	5949		B	0.00595	911.09
23	14.62	112759		B	0.11276	28345.77
24	15.00	11048	Hept. epoxide	B	3.13e-04	1497.21
25	15.27	28517	gamma chlordane	B	0.00174	8145.06
26	15.43	62633		B	0.06263	15428.16
27	15.72	61527	4,4'-DDE	B	0.00320	20981.57
28	15.91	7554	Endosulfan I	B	3.52e-04	2932.50
29	16.02	6088		B	0.00609	1923.39
30	16.20	28285		B	0.02829	7314.62
31	16.43	3871	Dieldrin	B	0.00106	1364.78
32	16.64	2559		B	0.00256	946.65
33	16.95	36449	Endrin	B	0.00266	12993.26
35	17.71	25048	4,4'-DDT	B	0.00362	3602.15
36	18.15	6524		B	0.00652	1828.65
37	18.25	17863	Endrin aldehyde	V	0.00127	4800.87
38	18.58	194187		B	0.19419	49962.53
39	18.89	10608		B	0.01061	2809.14
40	19.05	105160		V	0.10516	20899.75
41	19.38	64575		B	0.06458	11820.08
42	19.59	13045		V	0.01305	3270.05
43	19.75	12698		V	0.01270	3140.06
44	19.82	17587	Endrin ketone	V	0.00273	3746.85
45	20.16	136102		B	0.13610	24540.32
46	20.73	460137		B	0.46014	105343.70
47	21.08	20181		B	0.02018	5599.93
48	21.59	62825		B	0.06282	11046.72
49	21.99	50158		B	0.05016	10099.65
50	22.09	74093	Decachlorobiphenyl	V	0.00245	14132.30
51	22.47	760812		V	0.76081	62635.54
52	22.63	64357		V	0.06436	14238.94
53	23.10	27066		B	0.02707	4658.33
54	23.69	53261		B	0.05326	8659.79
55	23.98	7754		B	0.00775	1670.16
56	24.88	9371		B	0.00937	1158.59
		3524284			2.53352	770958.82

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:34
Reprocess Number	: buf2048: 98831		
Operator	: tchrom	Sample Name	: RSI0634-04
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/43
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 09/29/2009 04:20:15	Cycle	: 17

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46243.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46243.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46243.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46243.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46243.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.29	18691		B	0.01869	6707.12
2	9.42	3282		B	0.00328	1099.22
3	9.64	1618		B	0.00162	322.09
4	10.09	3403		B	0.00340	1116.76
5	10.54	15088	Tetrachloro-m-xylene (	B	0.00220	4795.47
6	10.91	10258		B	0.01026	2977.56
7	11.62	1949		B	0.00195	715.94
8	11.77	4537		B	0.00454	1281.06
9	11.90	9872		V	0.00987	2447.44
10	12.00	3752		V	0.00375	1126.98
11	12.15	3392		B	0.00339	558.75
12	12.30	163742	alpha-BHC (2C)	V	0.01272	51032.18
13	13.17	2752	~~gamma-BHC (2C)~~	B	0.00160	926.62
14	13.48	126824	beta-BHC (2C)	B	0.02117	36875.15
15	13.91	2878		B	0.00288	122.06
16	14.23	13268	delta-BHC (2C)	B	0.00298	4043.62

09/29/2009 07:51:34 Result: H:\TURBO6\6890-06\6-SEQ46\6b46243.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	14.49	17461		B	0.01746	5029.50
19	14.93	6920		B	0.00692	1173.84
20	15.35	10647		B	0.01065	3159.05
21	15.86	4184		B	0.00418	888.02
22	16.06	28624		B	0.02862	9412.40
23	16.27	51187		B	0.05119	12191.54
24	16.77	4502		B	0.00450	1391.78
25	17.12	40628		B	0.04063	6504.42
26	17.34	16496	alpha chlordane (2C)	V	0.00163	5596.97
27	17.77	15681		B	0.01568	3364.91
28	18.00	2760	Dieldrin (2C)	B	0.00115	804.94
29	18.42	9186		B	0.00919	877.78
30	18.51	2311		V	0.00231	739.16
31	18.96	2261	4,4'-DDD (2C)	B	0.00140	802.52
32	19.22	3171	Endosulfan II (2C)	B	3.45e-04	917.59
33	19.67	2729	4,4'-DDT (2C)	B	0.00272	697.05
34	19.90	6307	Endrin aldehyde (2C)	B	5.34e-05	1753.86
35	20.04	4430		V	0.00443	1182.49
36	20.29	17125		B	0.01713	1913.02
37	20.44	94301		V	0.09430	21007.34
38	20.60	5529	Endo. Sulfate (2C)	E	0.00270	1693.63
39	20.84	115253		V	0.11525	9874.75
40	20.97	26281		V	0.02628	3921.85
41	21.15	24549	Methoxychlor (2C)	V	0.00671	5337.36
42	21.47	11414		B	0.01141	2094.14
43	21.63	5775		V	0.00578	1225.10
44	21.77	32577	Endrin ketone (2C)	V	0.00482	6063.71
45	22.23	306166		V	0.30617	18920.64
46	23.10	180556		B	0.18056	34023.12
47	23.49	2375		B	0.00238	254.73
48	23.75	9202		B	0.00920	1786.43
49	24.12	1695		B	0.00170	317.20
50	24.46	3833		B	0.00383	865.18
51	24.78	36753		B	0.03675	4940.77
52	25.25	52070	Decachlorobiphenyl (2C	B	0.00403	7134.79
53	25.64	25059		B	0.02506	3747.87
54	27.34	21161		B	0.02116	2892.96
56	28.40	1582		B	0.00158	146.16
57	29.37	2644		B	0.00264	219.20
		1590690			1.18680	301015.79

Form 6

INITIAL CALIBRATION DATA

8081A

Laboratory: TestAmerica Buffalo

Client: Olin Chlor Alkali Products - Cleveland, TN

Calibration: R9H1803

SDG:

Project: Olin - Charles Gibson site - NY3A9025AE03

Instrument: HP6890-6

Calibration Date: 07/23/09 10:05

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ng/ul	RF	ng/ul	RF	ng/ul	RF	ng/ul	RF	ng/ul	RF	ng/ul	RF
4,4'-DDD											0.15	2.247233E+07
4,4'-DDD [2C]											0.15	7274867
4,4'-DDE											0.15	2.656103E+07
4,4'-DDE [2C]											0.15	9062533
4,4'-DDT											0.15	2.353113E+07
4,4'-DDT [2C]											0.15	6604504
Aldrin											0.15	2.540948E+07
Aldrin [2C]											0.15	1.086657E+07
alpha-BHC											0.15	3.138012E+07
alpha-BHC [2C]											0.15	1.524203E+07
alpha-Chlordane											0.15	2.489279E+07
alpha-Chlordane [2C]											0.15	9171053
beta-BHC											0.15	1.139781E+07
beta-BHC [2C]											0.15	5432929
Decachlorobiphenyl	0.1	2.227042E+07	0.075	2.328731E+07	0.05	2.2121E+07	0.01	2.456284E+07	0.005	2.37952E+07		
Decachlorobiphenyl [2C]	0.1	7191925	0.075	7389729	0.05	7399140	0.01	8690760	0.005	8993840		
delta-BHC											0.15	2.946435E+07
delta-BHC [2C]											0.15	1.3229E+07
Dieldrin											0.15	2.830859E+07
Dieldrin [2C]											0.15	9453413
Endosulfan I											0.15	2.433352E+07
Endosulfan I [2C]											0.15	8616140
Endosulfan II											0.15	2.360599E+07
Endosulfan II [2C]											0.15	7630460
Endosulfan sulfate											0.15	2.164311E+07
Endosulfan sulfate [2C]											0.15	7065894
Endrin											0.15	2.498895E+07
Endrin [2C]											0.15	7605587
Endrin aldehyde											0.15	1.760603E+07
Endrin aldehyde [2C]											0.15	5554784
Endrin ketone											0.15	2.520435E+07
Endrin ketone [2C]											0.15	8157214
gamma-BHC (Lindane)											0.15	2.860553E+07
gamma-BHC (Lindane) [2C]											0.15	1.345126E+07
gamma-Chlordane											0.15	2.72336E+07
gamma-Chlordane [2C]											0.15	9720073
Heptachlor											0.15	2.632172E+07
Heptachlor [2C]											0.15	1.186545E+07
Heptachlor epoxide											0.15	2.537119E+07
Heptachlor epoxide [2C]											0.15	9762733
Methoxychlor											0.15	1.171084E+07
Methoxychlor [2C]											0.15	3362157
Tetrachloro-m-xylene	0.1	1.752098E+07	0.075	1.610821E+07	0.05	1.615162E+07	0.01	1.521668E+07	0.005	1.496592E+07		
Tetrachloro-m-xylene [2C]	0.1	1.012139E+07	0.075	9238272	0.05	9281484	0.01	9583810	0.005	9486640		

Form 6

INITIAL CALIBRATION DATA (Continued)

8081A

Laboratory: TestAmerica Buffalo

Client: Olin Chlor Alkali Products - Cleveland, TN

Calibration: R9H1803

SDG:

Project: Olin - Charles Gibson site - NY3A9025AE03

Instrument: HP6890-6

Calibration Date: 07/23/09 10:05

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ng/ul	RF	ng/ul	RF	ng/ul	RF	ng/ul	RF	ng/ul	RF	ng/ul	RF
4,4'-DDD	0.1	2.168968E+07	0.05	2.156712E+07	0.01	1.839035E+07	0.005	1.81645E+07				
4,4'-DDD [2C]	0.1	6934292	0.05	6921504	0.01	6266309	0.005	6402734				
4,4'-DDE	0.1	2.535969E+07	0.05	2.500088E+07	0.01	2.060628E+07	0.005	2.0436E+07				
4,4'-DDE [2C]	0.1	8619720	0.05	8545540	0.01	7601200	0.005	7822780				
4,4'-DDT	0.1	2.272436E+07	0.05	2.253244E+07	0.01	1.83517E+07	0.005	1.802112E+07				
4,4'-DDT [2C]	0.1	6366408	0.05	6296356	0.01	5303650	0.005	5233760				
Aldrin	0.1	2.421195E+07	0.05	2.389178E+07	0.01	1.931586E+07	0.005	1.90514E+07				
Aldrin [2C]	0.1	1.032205E+07	0.05	1.019713E+07	0.01	8969080	0.005	9278140				
alpha-BHC	0.1	2.951163E+07	0.05	2.845386E+07	0.01	2.170381E+07	0.005	2.087144E+07				
alpha-BHC [2C]	0.1	1.427292E+07	0.05	1.385803E+07	0.01	1.118012E+07	0.005	1.101172E+07				
alpha-Chlordane	0.1	2.378313E+07	0.05	2.39888E+07	0.01	2.130226E+07	0.005	2.214108E+07				
alpha-Chlordane [2C]	0.1	8826526	0.05	9005336	0.01	9311152	0.005	1.051486E+07				
beta-BHC	0.1	1.086216E+07	0.05	1.103278E+07	0.01	1.036334E+07	0.005	1.068322E+07				
beta-BHC [2C]	0.1	5255053	0.05	5491150	0.01	5531920	0.005	5785520				
delta-BHC	0.1	2.754822E+07	0.05	2.662916E+07	0.01	2.05191E+07	0.005	1.98651E+07				
delta-BHC [2C]	0.1	1.238175E+07	0.05	1.218441E+07	0.01	1.015513E+07	0.005	1.02742E+07				
Dieldrin	0.1	2.713924E+07	0.05	2.693052E+07	0.01	2.322494E+07	0.005	2.331834E+07				
Dieldrin [2C]	0.1	9028876	0.05	9022780	0.01	8275660	0.005	8562360				
Endosulfan I	0.1	2.353209E+07	0.05	2.380174E+07	0.01	2.143969E+07	0.005	2.20314E+07				
Endosulfan I [2C]	0.1	8317141	0.05	8482628	0.01	8198468	0.005	8629376				
Endosulfan II	0.1	2.26842E+07	0.05	2.331696E+07	0.01	2.117094E+07	0.005	2.197706E+07				
Endosulfan II [2C]	0.1	7390036	0.05	7679686	0.01	7493460	0.005	7930840				
Endosulfan sulfate	0.1	2.072924E+07	0.05	2.147146E+07	0.01	1.971092E+07	0.005	2.057732E+07				
Endosulfan sulfate [2C]	0.1	6856330	0.05	7307560	0.01	7280250	0.005	7758360				
Endrin	0.1	2.424614E+07	0.05	2.404716E+07	0.01	2.264809E+07	0.005	2.403058E+07				
Endrin [2C]	0.1	7319696	0.05	7311648	0.01	6836871	0.005	6965468				
Endrin aldehyde	0.1	1.691286E+07	0.05	1.780957E+07	0.01	1.623091E+07	0.005	1.715176E+07				
Endrin aldehyde [2C]	0.1	5376208	0.05	5761344	0.01	5763500	0.005	6160000				
Endrin ketone	0.1	2.425007E+07	0.05	2.474564E+07	0.01	2.195196E+07	0.005	2.242924E+07				
Endrin ketone [2C]	0.1	7924476	0.05	8281502	0.01	7810021	0.005	8137040				
gamma-BHC (Lindane)	0.1	2.698992E+07	0.05	2.626372E+07	0.01	2.089465E+07	0.005	2.042404E+07				
gamma-BHC (Lindane) [2C]	0.1	1.271798E+07	0.05	1.25653E+07	0.01	1.064662E+07	0.005	1.080584E+07				
gamma-Chlordane	0.1	2.59836E+07	0.05	2.583742E+07	0.01	2.288938E+07	0.005	2.365148E+07				
gamma-Chlordane [2C]	0.1	9301344	0.05	9372676	0.01	9070590	0.005	9744520				
Heptachlor	0.1	2.539545E+07	0.05	2.534458E+07	0.01	2.152437E+07	0.005	2.15986E+07				
Heptachlor [2C]	0.1	1.137805E+07	0.05	1.13983E+07	0.01	1.035612E+07	0.005	1.082652E+07				
Heptachlor epoxide	0.1	2.455175E+07	0.05	2.479796E+07	0.01	2.1992E+07	0.005	2.21962E+07				
Heptachlor epoxide [2C]	0.1	9417434	0.05	9518412	0.01	9116520	0.005	9611320				
Methoxychlor	0.1	1.161118E+07	0.05	1.200439E+07	0.01	1.111994E+07	0.005	1.123854E+07				
Methoxychlor [2C]	0.1	3375054	0.05	3551314	0.01	3242100	0.005	3227200				

Form 6

INITIAL CALIBRATION DATA (Continued)

8081A

Laboratory: TestAmerica Buffalo

Client: Olin Chlor Alkali Products - Cleveland, TN

Calibration: R9H1803

SDG:

Project: Olin - Charles Gibson site - NY3A9025AE03759

Instrument: HP6890-6

Calibration Date: 07/23/09 10:05

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r^2	Quad COD	LIMIT	Q
4,4'-DDD	2.04568E+07	9.880035	17.58529	1.697931E-02	0.99979			
4,4'-DDD [2C]	6759941	6.156987	19.49521	2.119975E-02	0.99956			
4,4'-DDE	2.359278E+07	12.13739	16.25639	1.700435E-02	0.99962			
4,4'-DDE [2C]	8330355	7.241039	18.21338	2.370574E-02	0.99951			
4,4'-DDT	2.103215E+07	12.49175	18.19676	1.343948E-02	0.99980			
4,4'-DDT [2C]	5960936	10.78072	20.1964	1.784081E-02	0.99977			
Aldrin	2.237609E+07	13.27387	14.02588	3.264287E-02	0.99960			
Aldrin [2C]	9926595	7.884857	15.74869	2.079922E-02	0.99948			
alpha-BHC	2.638417E+07	18.10964	11.22486	4.305247E-02	0.99930			
alpha-BHC [2C]	1.311296E+07	14.56188	12.81126	3.369039E-02	0.99918			
alpha-Chlordane	2.322161E+07	6.295268	16.07044	3.218475E-03	0.99961			
alpha-Chlordane [2C]	9365786	7.126577	17.8786	1.257882E-02	0.99965			
beta-BHC	1.086786E+07	3.553908	12.32182	3.697631E-02	0.99954			
beta-BHC [2C]	5499314	3.487293	13.98707	3.274282E-02	0.99971			
Decachlorobiphenyl	2.320735E+07	4.440189	22.68772	1.479249E-02	0.99935			
Decachlorobiphenyl [2C]	7933079	10.60081	26.11406	3.233055E-02	0.99984			
delta-BHC	2.480519E+07	17.49535	12.76784	3.739646E-02	0.99916			
delta-BHC [2C]	1.16449E+07	11.713	14.74554	3.009804E-02	0.99918			
Dieldrin	2.578433E+07	9.127046	16.92149	2.941452E-02	0.99968			
Dieldrin [2C]	8868618	5.157413	18.64202	1.647727E-02	0.99959			
Endosulfan I	2.302769E+07	5.350876	16.37939	2.160991E-02	0.99979			
Endosulfan I [2C]	8448751	2.22816	18.02188	2.200692E-02	0.99974			
Endosulfan II	2.255103E+07	4.407369	17.937	2.067989E-02	0.99968			
Endosulfan II [2C]	7624897	2.696299	19.7883	2.201632E-02	0.99975			
Endosulfan sulfate	2.082641E+07	3.718438	19.81559	1.987521E-02	0.99961			
Endosulfan sulfate [2C]	7253679	4.631506	21.13427	1.490868E-02	0.99967			
Endrin	2.399218E+07	3.530003	17.43977	2.580875E-02	0.99980			
Endrin [2C]	7207854	4.264078	19.33217	1.633863E-02	0.99971			
Endrin aldehyde	1.714223E+07	3.623915	18.86289	1.271725E-02	0.99960			
Endrin aldehyde [2C]	5723167	5.113908	20.52088	1.686058E-02	0.99961			
Endrin ketone	2.371625E+07	6.084135	20.42922	1.700597E-02	0.99972			
Endrin ketone [2C]	8062050	2.363925	22.44694	0.0157225	0.99977			
gamma-BHC (Lindane)	2.463557E+07	15.14537	12.07683	4.042926E-02	0.99938			
gamma-BHC (Lindane) [2C]	1.20374E+07	10.3359	13.7757	3.564005E-02	0.99941			
gamma-Chlordane	2.51191E+07	7.138167	15.76345	2.068199E-02	0.99958			
gamma-Chlordane [2C]	9441841	3.048426	17.544	0.0232897	0.99959			
Heptachlor	2.403694E+07	9.54012	13.29072	3.238207E-02	0.99978			
Heptachlor [2C]	1.116489E+07	5.221252	14.93749	2.670636E-02	0.99966			
Heptachlor epoxide	2.378182E+07	6.60485	15.47862	2.327685E-02	0.99981			
Heptachlor epoxide [2C]	9485284	2.552927	17.10375	1.734474E-02	0.99973			
Methoxychlor	1.153698E+07	3.116776	19.23775	2.164316E-02	0.99992			
Methoxychlor [2C]	3351565	3.890612	21.66569	1.537311E-02	0.99978			
Tetrachloro-m-xylene	1.599268E+07	6.276828	9.636484	5.262336E-02	0.99817			
Tetrachloro-m-xylene [2C]	9542319	3.707424	11.02601	0.0293783	0.99765			

Form 6

INITIAL CALIBRATION DATA

8081A

Laboratory: TestAmerica Buffalo

Client: Olin Chlor Alkali Products - Cleveland, TN

Calibration: R912904

SDG:

Project: Olin - Charles Gibson site - NY3A9025AE03

Instrument: HP6890-6

Calibration Date: 09/28/09 00:00

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ng/ul	RF	ng/ul	RF	ng/ul	RF	ng/ul	RF	ng/ul	RF	ng/ul	RF
4,4'-DDD	0.15	2.338388E+07	0.1	2.367061E+07	0.05	2.316616E+07	0.01	1.986354E+07	0.005	1.94188E+07		
4,4'-DDD [2C]	0.15	8422420	0.1	8348680	0.05	8206096	0.01	7374160	0.005	7459721		
4,4'-DDE	0.15	3.105571E+07	0.1	3.122165E+07	0.05	3.051852E+07	0.01	2.600267E+07	0.005	2.564862E+07		
4,4'-DDE [2C]	0.15	1.080204E+07	0.1	1.0677E+07	0.05	1.046265E+07	0.01	9426680	0.005	9610760		
4,4'-DDT	0.15	2.440827E+07	0.1	2.369051E+07	0.05	2.271714E+07	0.01	1.854514E+07	0.005	1.770046E+07		
4,4'-DDT [2C]	0.15	7918940	0.1	7599594	0.05	7302550	0.01	6479320	0.005	6317800		
Aldrin	0.15	3.265655E+07	0.1	3.278402E+07	0.05	3.249588E+07	0.01	2.819759E+07	0.005	2.800768E+07		
Aldrin [2C]	0.15	1.229787E+07	0.1	1.231225E+07	0.05	1.205503E+07	0.01	1.075118E+07	0.005	1.091148E+07		
alpha-BHC	0.15	3.864773E+07	0.1	4.010065E+07	0.05	3.867142E+07	0.01	3.142344E+07	0.005	3.03854E+07		
alpha-BHC [2C]	0.15	1.537612E+07	0.1	1.513059E+07	0.05	1.452124E+07	0.01	1.200552E+07	0.005	1.183352E+07		
alpha-Chlordane	0.15	3.039283E+07	0.1	3.076903E+07	0.05	3.04763E+07	0.01	2.794036E+07	0.005	2.850292E+07		
alpha-Chlordane [2C]	0.15	1.06857E+07	0.1	1.069717E+07	0.05	1.07186E+07	0.01	1.032234E+07	0.005	1.075731E+07		
beta-BHC	0.15	1.410899E+07	0.1	1.444747E+07	0.05	1.452133E+07	0.01	1.415674E+07	0.005	1.471012E+07		
beta-BHC [2C]	0.15	5718046	0.1	5820064	0.05	5945456	0.01	6022740	0.005	6288200		
Decachlorobiphenyl											0.1	2.250105E+07
Decachlorobiphenyl [2C]											0.1	8557185
delta-BHC	0.15	3.662848E+07	0.1	3.654457E+07	0.05	3.522454E+07	0.01	2.855362E+07	0.005	2.74564E+07		
delta-BHC [2C]	0.15	1.427003E+07	0.1	1.404673E+07	0.05	1.351333E+07	0.01	1.136683E+07	0.005	1.113774E+07		
Dieldrin	0.15	3.138933E+07	0.1	3.16393E+07	0.05	3.111638E+07	0.01	2.710447E+07	0.005	2.702184E+07		
Dieldrin [2C]	0.15	1.115007E+07	0.1	1.106901E+07	0.05	1.091491E+07	0.01	9997900	0.005	1.028246E+07		
Endosulfan I	0.15	2.775139E+07	0.1	2.817111E+07	0.05	2.81964E+07	0.01	2.604366E+07	0.005	2.649044E+07		
Endosulfan I [2C]	0.15	1.011625E+07	0.1	1.016266E+07	0.05	1.020055E+07	0.01	9791916	0.005	1.016429E+07		
Endosulfan II	0.15	2.488065E+07	0.1	2.510043E+07	0.05	2.493478E+07	0.01	2.342066E+07	0.005	2.348148E+07		
Endosulfan II [2C]	0.15	8934713	0.1	8943404	0.05	8964418	0.01	8773000	0.005	9093840		
Endosulfan sulfate	0.15	1.943163E+07	0.1	1.860879E+07	0.05	1.77079E+07	0.01	1.511711E+07	0.005	1.40372E+07		
Endosulfan sulfate [2C]	0.15	7190087	0.1	6909076	0.05	6758604	0.01	6195200	0.005	5848140		
Endrin	0.15	2.729227E+07	0.1	2.722951E+07	0.05	2.666182E+07	0.01	2.297293E+07	0.005	2.251008E+07		
Endrin [2C]	0.15	9338573	0.1	9184142	0.05	9022128	0.01	8189280	0.005	8208960		
Endrin aldehyde	0.15	1.643246E+07	0.1	1.669486E+07	0.05	1.657595E+07	0.01	1.528704E+07	0.005	1.575264E+07		
Endrin aldehyde [2C]	0.15	6000149	0.1	6056983	0.05	6191520	0.01	6399480	0.005	6737800		
Endrin ketone	0.15	2.500842E+07	0.1	2.395548E+07	0.05	2.341786E+07	0.01	2.111154E+07	0.005	2.080012E+07		
Endrin ketone [2C]	0.15	8918287	0.1	8587803	0.05	8549008	0.01	8258940	0.005	8357180		
gamma-BHC (Lindane)	0.15	3.55576E+07	0.1	3.616315E+07	0.05	3.510412E+07	0.01	2.963828E+07	0.005	2.908902E+07		
gamma-BHC (Lindane) [2C]	0.15	1.413527E+07	0.1	1.409625E+07	0.05	1.370544E+07	0.01	1.185882E+07	0.005	1.188352E+07		
gamma-Chlordane	0.15	3.273201E+07	0.1	3.283498E+07	0.05	3.230242E+07	0.01	2.889792E+07	0.005	2.9196E+07		
gamma-Chlordane [2C]	0.15	1.134897E+07	0.1	1.136915E+07	0.05	1.128572E+07	0.01	1.052807E+07	0.005	1.085536E+07		
Heptachlor	0.15	3.319496E+07	0.1	3.381776E+07	0.05	3.38044E+07	0.01	3.025598E+07	0.005	3.034754E+07		
Heptachlor [2C]	0.15	1.322189E+07	0.1	1.325229E+07	0.05	1.308566E+07	0.01	1.203028E+07	0.005	1.229156E+07		
Heptachlor epoxide	0.15	3.068174E+07	0.1	3.113537E+07	0.05	3.139198E+07	0.01	2.895182E+07	0.005	2.952592E+07		
Heptachlor epoxide [2C]	0.15	1.134168E+07	0.1	1.139067E+07	0.05	1.141187E+07	0.01	1.097018E+07	0.005	1.137704E+07		
Methoxychlor	0.15	1.153144E+07	0.1	1.132936E+07	0.05	1.11782E+07	0.01	1.039432E+07	0.005	9990320		
Methoxychlor [2C]	0.15	3710200	0.1	3681211	0.05	3725374	0.01	3691920	0.005	3569360		
Tetrachloro-m-xylene											0.1	2.577556E+07
Tetrachloro-m-xylene [2C]											0.1	9521665

Form 6

INITIAL CALIBRATION DATA (Continued)

8081A

Laboratory: TestAmerica Buffalo

Client: Olin Chlor Alkali Products - Cleveland, TN

Calibration: R9I2904

SDG:

Project: Olin - Charles Gibson site - NY3A9025AE03

Instrument: HP6890-6

Calibration Date: 09/28/09 00:00

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ng/ul	RF	ng/ul	RF	ng/ul	RF	ng/ul	RF	ng/ul	RF	ng/ul	RF
Decachlorobiphenyl	0.075	2.285779E+07	0.05	2.278872E+07	0.01	2.423434E+07	0.005	2.574254E+07				
Decachlorobiphenyl [2C]	0.075	8803008	0.05	8978252	0.01	1.018555E+07	0.005	1.101184E+07				
Tetrachloro-m-xylene	0.075	2.569851E+07	0.05	2.500586E+07	0.01	2.328273E+07	0.005	2.38338E+07				
Tetrachloro-m-xylene [2C]	0.075	9526504	0.05	9265848	0.01	8892800	0.005	9276740				

Form 6

INITIAL CALIBRATION DATA (Continued)

8081A

Laboratory: TestAmerica Buffalo

Client: Olin Chlor Alkali Products - Cleveland, TN

Calibration: R9I2904

SDG:

Project: Olin - Charles Gibson site - NY3A9025AE03759

Instrument: HP6890-6

Calibration Date: 09/28/09 00:00

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r^2	Quad COD	LIMIT	Q
4,4'-DDD	2.19006E+07	9.480439	17.09529	0.0484538	0.99993			
4,4'-DDD [2C]	7962215	6.338822	18.95254	2.454554E-02	0.99998			
4,4'-DDE	2.888943E+07	9.732555	15.77663	4.993852E-02	0.99997			
4,4'-DDE [2C]	1.019583E+07	6.211038	17.67772	3.579122E-02	0.99996			
4,4'-DDT	2.14123E+07	14.36936	17.70203	0.0449234	0.99980			
4,4'-DDT [2C]	7123641	9.815323	19.64778	2.670215E-02	0.99960			
Aldrin	3.082834E+07	8.080935	13.53827	7.117066E-02	0.99998			
Aldrin [2C]	1.166556E+07	6.604578	15.20348	3.524396E-02	0.99998			
alpha-BHC	3.584573E+07	12.73169	10.7546	9.682097E-02	0.99960			
alpha-BHC [2C]	1.37734E+07	12.50096	12.29399	4.348809E-02	0.99991			
alpha-Chlordane	2.961629E+07	4.376397	15.57482	5.533391E-02	0.99995			
alpha-Chlordane [2C]	1.063622E+07	1.669538	17.32776	3.573404E-02	1.00000			
beta-BHC	1.438893E+07	1.759548	11.84956	7.869338E-02	0.99986			
beta-BHC [2C]	5958901	3.657286	13.46889	4.290801E-02	0.99990			
Decachlorobiphenyl	2.362489E+07	5.759798	22.08204	9.490632E-03	0.99995			
Decachlorobiphenyl [2C]	9507167	11.03465	25.21592	6.138726E-03	0.99977			
delta-BHC	3.288152E+07	13.69479	12.2902	7.423003E-02	0.99996			
delta-BHC [2C]	1.286693E+07	11.66999	14.21881	3.917959E-02	0.99992			
Dieldrin	2.965426E+07	8.001368	16.41693	4.713956E-02	0.99996			
Dieldrin [2C]	1.068287E+07	4.79764	18.08091	3.108253E-02	0.99998			
Endosulfan I	2.73306E+07	3.656715	15.87667	5.301915E-02	0.99992			
Endosulfan I [2C]	1.008713E+07	1.662735	17.46332	3.297117E-02	0.99999			
Endosulfan II	2.43636E+07	3.436372	17.42273	5.156096E-02	0.99997			
Endosulfan II [2C]	8941875	1.277227	19.22097	2.289678E-02	1.00000			
Endosulfan sulfate	1.698053E+07	13.59722	19.28673	3.839005E-02	0.99956			
Endosulfan sulfate [2C]	6580221	8.310187	20.56022	1.995262E-02	0.99967			
Endrin	2.533332E+07	9.41182	16.92884	5.368444E-02	0.99999			
Endrin [2C]	8788617	6.254542	18.76311	2.511791E-02	0.99994			
Endrin aldehyde	1.614859E+07	3.742073	18.34277	3.988395E-02	0.99992			
Endrin aldehyde [2C]	6277186	4.77721	19.95123	2.304882E-02	0.99996			
Endrin ketone	2.285868E+07	8.015148	19.89158	3.440551E-02	0.99962			
Endrin ketone [2C]	8534243	2.974258	21.78153	1.607981E-02	0.99970			
gamma-BHC (Lindane)	3.311043E+07	10.40874	11.60176	0.0826149	0.99989			
gamma-BHC (Lindane) [2C]	1.313586E+07	8.881807	13.25124	4.224503E-02	0.99997			
gamma-Chlordane	3.119267E+07	6.321133	15.26992	5.431675E-02	0.99998			
gamma-Chlordane [2C]	1.107746E+07	3.357555	16.9941	3.169023E-02	0.99999			
Heptachlor	3.228413E+07	5.660166	12.80978	7.751327E-02	0.99988			
Heptachlor [2C]	1.277634E+07	4.48319	14.40177	4.018076E-02	0.99999			
Heptachlor epoxide	3.033737E+07	3.475099	14.98502	5.614366E-02	0.99991			
Heptachlor epoxide [2C]	1.129829E+07	1.639064	16.55471	3.298843E-02	0.99999			
Methoxychlor	1.088473E+07	6.063761	18.7498	4.124065E-02	0.99994			
Methoxychlor [2C]	3675613	1.680382	21.08835	1.169048E-02	0.99998			
Tetrachloro-m-xylene	2.471929E+07	4.524952	9.178268	3.654636E-02	0.99991			
Tetrachloro-m-xylene [2C]	9296711	2.783754	10.53044	3.073516E-02	0.99991			

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9H1803
Lab File ID:	6A46176	Calibration Date:	07/23/09 10:05
Sequence:	RI92924	Injection Date:	09/25/09
Lab Sample ID:	RI92924-CCV1	Injection Time:	01:59

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4,4'-DDD	L	0.0500	0.0489	2.04568E+07	2.122666E+07		-2.1	15	
4,4'-DDD [2C]	L	0.0500	0.0534	6759941	7514018		6.9	15	
4,4'-DDE	L	0.0500	0.0555	2.359278E+07	2.831326E+07		11.0	15	
4,4'-DDE [2C]	L	0.0500	0.0541	8330355	9450568		8.3	15	
4,4'-DDT	L	0.0500	0.0429	2.103215E+07	1.928204E+07		-14.3	15	
4,4'-DDT [2C]	L	0.0500	0.0451	5960936	5706340		-9.9	15	
Aldrin	L	0.0500	0.0624	2.237609E+07	3.053366E+07		24.7	15	*
Aldrin [2C]	L	0.0500	0.0547	9926595	1.142506E+07		9.4	15	
alpha-BHC	L	0.0500	0.0607	2.638417E+07	3.61857E+07		21.5	15	*
alpha-BHC [2C]	L	0.0500	0.0480	1.311296E+07	1.369583E+07		-4.1	15	
alpha-Chlordane	L	0.0500	0.0593	2.322161E+07	2.869424E+07		18.6	15	*
alpha-Chlordane [2C]	L	0.0500	0.0547	9365786	9911744		9.4	15	
beta-BHC	L	0.0500	0.0610	1.086786E+07	1.357051E+07		22.0	15	*
beta-BHC [2C]	L	0.0500	0.0516	5499314	5574304		3.3	15	
delta-BHC	L	0.0500	0.0596	2.480519E+07	3.321916E+07		19.2	15	*
delta-BHC [2C]	L	0.0500	0.0514	1.16449E+07	1.287882E+07		2.9	15	
Dieldrin	L	0.0500	0.0533	2.578433E+07	2.91478E+07		6.7	15	
Dieldrin [2C]	L	0.0500	0.0541	8868618	9911064		8.2	15	
Endosulfan I	L	0.0500	0.0559	2.302769E+07	2.66387E+07		11.9	15	
Endosulfan I [2C]	L	0.0500	0.0546	8448751	9258388		9.2	15	
Endosulfan II	L	0.0500	0.0502	2.255103E+07	2.31825E+07		0.5	15	
Endosulfan II [2C]	L	0.0500	0.0544	7624897	8231508		8.9	15	
Endosulfan sulfate	L	0.0500	0.0463	2.082641E+07	1.958303E+07		-7.4	15	
Endosulfan sulfate [2C]	L	0.0500	0.0517	7253679	7306040		3.3	15	
Endrin	L	0.0500	0.0520	2.399218E+07	2.538876E+07		4.0	15	
Endrin [2C]	L	0.0500	0.0558	7207854	8273568		11.6	15	
Endrin aldehyde	L	0.0500	0.0441	1.714223E+07	1.528342E+07		-11.7	15	
Endrin aldehyde [2C]	L	0.0500	0.0504	5723167	5607404		0.8	15	
Endrin ketone	L	0.0500	0.0457	2.371625E+07	2.23939E+07		-8.6		

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9H1803
Lab File ID:	6b46176	Calibration Date:	07/23/09 10:05
Sequence:	RI92924	Injection Date:	09/25/09
Lab Sample ID:	RI92924-CCV1	Injection Time:	01:59

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin ketone [2C]	L	0.0500	0.0480	8062050	7768144		-3.9	
gamma-BHC (Lindane)	L	0.0500	0.0599	2.463557E+07	3.268134E+07		19.8	15 *
gamma-BHC (Lindane) [2C]	L	0.0500	0.0497	1.20374E+07	1.272382E+07		-0.7	15
gamma-Chlordane	L	0.0500	0.0574	2.51191E+07	3.024996E+07		14.8	15
gamma-Chlordane [2C]	L	0.0500	0.0533	9441841	1.010553E+07		6.5	15
Heptachlor	L	0.0500	0.0625	2.403694E+07	3.204558E+07		25.0	15 *
Heptachlor [2C]	L	0.0500	0.0531	1.116489E+07	1.223634E+07		6.2	15
Heptachlor epoxide	L	0.0500	0.0595	2.378182E+07	2.955908E+07		19.0	15 *
Heptachlor epoxide [2C]	L	0.0500	0.0553	9485284	1.059097E+07		10.6	15
Methoxychlor	L	0.0500	0.0409	1.153698E+07	9579822		-18.1	15 *
Methoxychlor [2C]	L	0.0500	0.0437	3351565	2971964		-12.6	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9H1803
Lab File ID:	6A46177	Calibration Date:	07/23/09 10:05
Sequence:	RI92924	Injection Date:	09/25/09
Lab Sample ID:	RI92924-CCV2	Injection Time:	02:35

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Decachlorobiphenyl	L	0.0500	0.0477	2.320735E+07	2.164016E+07		-4.6	15	
Decachlorobiphenyl [2C]	L	0.0500	0.0567	7933079	8332668		13.3	15	
Tetrachloro-m-xylene	L	0.0500	0.0697	1.599268E+07	2.349492E+07		39.5	15	*
Tetrachloro-m-xylene [2C]	L	0.0500	0.0439	9542319	8446886		-12.1	15	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9H1803
Lab File ID:	6A46185	Calibration Date:	07/23/09 10:05
Sequence:	RI92924	Injection Date:	09/25/09
Lab Sample ID:	RI92924-CCV3	Injection Time:	07:22

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4,4'-DDD	L	0.0500	0.0485	2.04568E+07	2.101408E+07		-3.1	15	
4,4'-DDD [2C]	L	0.0500	0.0544	6759941	7648638		8.7	15	
4,4'-DDE	L	0.0500	0.0558	2.359278E+07	2.846112E+07		11.5	15	
4,4'-DDE [2C]	L	0.0500	0.0551	8330355	9630586		10.3	15	
4,4'-DDT	L	0.0500	0.0416	2.103215E+07	1.86918E+07		-16.8	15	*
4,4'-DDT [2C]	L	0.0500	0.0461	5960936	5844112		-7.8	15	
Aldrin	L	0.0500	0.0625	2.237609E+07	3.0626E+07		25.1	15	*
Aldrin [2C]	L	0.0500	0.0556	9926595	1.161805E+07		11.1	15	
alpha-BHC	L	0.0500	0.0614	2.638417E+07	3.657994E+07		22.7	15	*
alpha-BHC [2C]	L	0.0500	0.0487	1.311296E+07	1.391349E+07		-2.7	15	
alpha-Chlordane	L	0.0500	0.0579	2.322161E+07	2.80164E+07		15.8	15	*
alpha-Chlordane [2C]	L	0.0500	0.0556	9365786	1.007173E+07		11.2	15	
beta-BHC	L	0.0500	0.0613	1.086786E+07	1.363822E+07		22.6	15	*
beta-BHC [2C]	L	0.0500	0.0523	5499314	5642184		4.5	15	
delta-BHC	L	0.0500	0.0596	2.480519E+07	3.324508E+07		19.3	15	*
delta-BHC [2C]	L	0.0500	0.0522	1.16449E+07	1.308444E+07		4.4	15	
Dieldrin	L	0.0500	0.0533	2.578433E+07	2.912808E+07		6.6	15	
Dieldrin [2C]	L	0.0500	0.0550	8868618	1.008442E+07		10.0	15	
Endosulfan I	L	0.0500	0.0560	2.302769E+07	2.665732E+07		12.0	15	
Endosulfan I [2C]	L	0.0500	0.0556	8448751	9421694		11.1	15	
Endosulfan II	L	0.0500	0.0505	2.255103E+07	2.331326E+07		1.0	15	
Endosulfan II [2C]	L	0.0500	0.0553	7624897	8365574		10.6	15	
Endosulfan sulfate	L	0.0500	0.0466	2.082641E+07	1.972836E+07		-6.7	15	
Endosulfan sulfate [2C]	L	0.0500	0.0528	7253679	7464256		5.6	15	
Endrin	L	0.0500	0.0506	2.399218E+07	2.47097E+07		1.2	15	
Endrin [2C]	L	0.0500	0.0551	7207854	8174968		10.3	15	
Endrin aldehyde	L	0.0500	0.0450	1.714223E+07	1.557378E+07		-10.1	15	
Endrin aldehyde [2C]	L	0.0500	0.0516	5723167	5743332		3.3	15	
Endrin ketone	L	0.0500	0.0458	2.371625E+07	2.242582E+07		-8.5		

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9H1803
Lab File ID:	6b46185	Calibration Date:	07/23/09 10:05
Sequence:	RI92924	Injection Date:	09/25/09
Lab Sample ID:	RI92924-CCV3	Injection Time:	07:22

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin ketone [2C]	L	0.0500	0.0495	8062050	8005944		-1.0	
gamma-BHC (Lindane)	L	0.0500	0.0606	2.463557E+07	3.308458E+07		21.2	15 *
gamma-BHC (Lindane) [2C]	L	0.0500	0.0507	1.20374E+07	1.299561E+07		1.4	15
gamma-Chlordane	L	0.0500	0.0574	2.51191E+07	3.023404E+07		14.8	15
gamma-Chlordane [2C]	L	0.0500	0.0542	9441841	1.028133E+07		8.4	15
Heptachlor	L	0.0500	0.0621	2.403694E+07	3.183798E+07		24.2	15 *
Heptachlor [2C]	L	0.0500	0.0538	1.116489E+07	1.239748E+07		7.6	15
Heptachlor epoxide	L	0.0500	0.0597	2.378182E+07	2.96361E+07		19.3	15 *
Heptachlor epoxide [2C]	L	0.0500	0.0564	9485284	1.079675E+07		12.7	15
Methoxychlor	L	0.0500	0.0390	1.153698E+07	9131466		-21.9	15 *
Methoxychlor [2C]	L	0.0500	0.0439	3351565	2985868		-12.2	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9H1803
Lab File ID:	6A46186	Calibration Date:	07/23/09 10:05
Sequence:	RI92924	Injection Date:	09/25/09
Lab Sample ID:	RI92924-CCV4	Injection Time:	07:58

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Decachlorobiphenyl	L	0.0500	0.0486	2.320735E+07	2.206136E+07		-2.7	15	
Decachlorobiphenyl [2C]	L	0.0500	0.0577	7933079	8485864		15.5	15	*
Tetrachloro-m-xylene	L	0.0500	0.0714	1.599268E+07	2.405328E+07		42.7	15	*
Tetrachloro-m-xylene [2C]	L	0.0500	0.0450	9542319	8649184		-10.1	15	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9H1803
Lab File ID:	6A46196	Calibration Date:	07/23/09 10:05
Sequence:	RI92924	Injection Date:	09/25/09
Lab Sample ID:	RI92924-CCV5	Injection Time:	14:07

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4,4'-DDD	L	0.0500	0.0477	2.04568E+07	2.067614E+07		-4.6	15
4,4'-DDD [2C]	L	0.0500	0.0529	6759941	7437256		5.8	15
4,4'-DDE	L	0.0500	0.0542	2.359278E+07	2.763746E+07		8.5	15
4,4'-DDE [2C]	L	0.0500	0.0475	8330355	8240774		-5.1	15
4,4'-DDT	L	0.0500	0.0422	2.103215E+07	1.896313E+07		-15.6	15 *
4,4'-DDT [2C]	L	0.0500	0.0449	5960936	5680358		-10.3	15
Aldrin	L	0.0500	0.0601	2.237609E+07	2.937326E+07		20.2	15 *
Aldrin [2C]	L	0.0500	0.0535	9926595	1.116237E+07		6.9	15
alpha-BHC	L	0.0500	0.0575	2.638417E+07	3.41269E+07		15.0	15
alpha-BHC [2C]	L	0.0500	0.0470	1.311296E+07	1.341333E+07		-5.9	15
alpha-Chlordane	L	0.0500	0.0539	2.322161E+07	2.600484E+07		7.7	15
alpha-Chlordane [2C]	L	0.0500	0.0485	9365786	8790592		-3.0	15
beta-BHC	L	0.0500	0.0585	1.086786E+07	1.300645E+07		17.1	15 *
beta-BHC [2C]	L	0.0500	0.0505	5499314	5454716		1.0	15
delta-BHC	L	0.0500	0.0574	2.480519E+07	3.193596E+07		14.8	15
delta-BHC [2C]	L	0.0500	0.0504	1.16449E+07	1.261459E+07		0.9	15
Dieldrin	L	0.0500	0.0519	2.578433E+07	2.83377E+07		3.8	15
Dieldrin [2C]	L	0.0500	0.0539	8868618	9867552		7.7	15
Endosulfan I	L	0.0500	0.0542	2.302769E+07	2.579374E+07		8.4	15
Endosulfan I [2C]	L	0.0500	0.0542	8448751	9192494		8.5	15
Endosulfan II	L	0.0500	0.0492	2.255103E+07	2.26884E+07		-1,6	15
Endosulfan II [2C]	L	0.0500	0.0536	7624897	8103122		7.2	15
Endosulfan sulfate	L	0.0500	0.0453	2.082641E+07	1.913686E+07		-9.5	15
Endosulfan sulfate [2C]	L	0.0500	0.0510	7253679	7218568		2.1	15
Endrin	L	0.0500	0.0493	2.399218E+07	2.403744E+07		-1.5	15
Endrin [2C]	L	0.0500	0.0538	7207854	7975658		7.7	15
Endrin aldehyde	L	0.0500	0.0434	1.714223E+07	1.502319E+07		-13.2	15
Endrin aldehyde [2C]	L	0.0500	0.0488	5723167	5432572		-2.4	15
Endrin ketone	L	0.0500	0.0450	2.371625E+07	2.202136E+07		-10.1	

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9H1803
Lab File ID:	6b46196	Calibration Date:	07/23/09 10:05
Sequence:	RI92924	Injection Date:	09/25/09
Lab Sample ID:	RI92924-CCV5	Injection Time:	14:07

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin ketone [2C]	L	0.0500	0.0482	8062050	7799816		-3.5	
gamma-BHC (Lindane)	L	0.0500	0.0576	2.463557E+07	3.135132E+07		15.2	15 *
gamma-BHC (Lindane) [2C]	L	0.0500	0.0489	1.20374E+07	1.250498E+07		-2.3	15
gamma-Chlordane	L	0.0500	0.0557	2.51191E+07	2.93017E+07		11.3	15
gamma-Chlordane [2C]	L	0.0500	0.0544	9441841	1.032827E+07		8.8	15
Heptachlor	L	0.0500	0.0605	2.403694E+07	3.09852E+07		21.0	15 *
Heptachlor [2C]	L	0.0500	0.0526	1.116489E+07	1.211289E+07		5.2	15
Heptachlor epoxide	L	0.0500	0.0577	2.378182E+07	2.863448E+07		15.4	15 *
Heptachlor epoxide [2C]	L	0.0500	0.0490	9485284	9364814		-2.0	15
Methoxychlor	L	0.0500	0.0399	1.153698E+07	9327202		-20.3	15 *
Methoxychlor [2C]	L	0.0500	0.0458	3351565	3113628		-8.4	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9H1803
Lab File ID:	6A46197	Calibration Date:	07/23/09 10:05
Sequence:	RI92924	Injection Date:	09/25/09
Lab Sample ID:	RI92924-CCV6	Injection Time:	14:53

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Decachlorobiphenyl	L	0.0500	0.0490	2.320735E+07	2.224194E+07		-1.9	15	
Decachlorobiphenyl [2C]	L	0.0500	0.0579	7933079	8506102		15.8	15	*
Tetrachloro-m-xylene	L	0.0500	0.0673	1.599268E+07	2.263902E+07		34.5	15	*
Tetrachloro-m-xylene [2C]	L	0.0500	0.0453	9542319	8721640		-9.3	15	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9I2904
Lab File ID:	6A46228	Calibration Date:	09/28/09 00:00
Sequence:	RI92925	Injection Date:	09/28/09
Lab Sample ID:	RI92925-CCV1	Injection Time:	19:21

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4,4'-DDD	L	0.0500	0.0510	2.19006E+07	2.365576E+07		2.1	15
4,4'-DDD [2C]	L	0.0500	0.0514	7962215	8510182		2.8	15
4,4'-DDE	L	0.0500	0.0504	2.888943E+07	3.085476E+07		0.8	15
4,4'-DDE [2C]	L	0.0500	0.0511	1.019583E+07	1.084E+07		2.3	15
4,4'-DDT	L	0.0500	0.0490	2.14123E+07	2.284726E+07		-2.1	15
4,4'-DDT [2C]	L	0.0500	0.0507	7123641	7680412		1.4	15
Aldrin	L	0.0500	0.0511	3.082834E+07	3.302702E+07		2.1	15
Aldrin [2C]	L	0.0500	0.0512	1.166556E+07	1.243099E+07		2.3	15
alpha-BHC	L	0.0500	0.0499	3.584573E+07	3.850648E+07		-0.2	15
alpha-BHC [2C]	L	0.0500	0.0500	1.37734E+07	1.484582E+07		-0.09	15
alpha-Chlordane	L	0.0500	0.0506	2.961629E+07	3.076536E+07		1.3	15
alpha-Chlordane [2C]	L	0.0500	0.0519	1.063622E+07	1.109377E+07		3.9	15
beta-BHC	L	0.0500	0.0508	1.438893E+07	1.454043E+07		1.5	15
beta-BHC [2C]	L	0.0500	0.0520	5958901	6058968		4.0	15
delta-BHC	L	0.0500	0.0499	3.288152E+07	3.560252E+07		-0.2	15
delta-BHC [2C]	L	0.0500	0.0505	1.286693E+07	1.39696E+07		1.1	15
Dieldrin	L	0.0500	0.0507	2.965426E+07	3.15207E+07		1.3	15
Dieldrin [2C]	L	0.0500	0.0512	1.068287E+07	1.126862E+07		2.4	15
Endosulfan I	L	0.0500	0.0512	2.73306E+07	2.851996E+07		2.3	15
Endosulfan I [2C]	L	0.0500	0.0520	1.008713E+07	1.054195E+07		4.0	15
Endosulfan II	L	0.0500	0.0508	2.43636E+07	2.526432E+07		1.6	15
Endosulfan II [2C]	L	0.0500	0.0518	8941875	9261038		3.6	15
Endosulfan sulfate	L	0.0500	0.0501	1.698053E+07	1.848313E+07		0.2	15
Endosulfan sulfate [2C]	L	0.0500	0.0518	6580221	7186258		3.7	15
Endrin	L	0.0500	0.0500	2.533332E+07	2.679058E+07		-0.06	15
Endrin [2C]	L	0.0500	0.0504	8788617	9218864		0.9	15
Endrin aldehyde	L	0.0500	0.0510	1.614859E+07	1.681239E+07		2.0	15
Endrin aldehyde [2C]	L	0.0500	0.0521	6277186	6354612		4.3	15
Endrin ketone	L	0.0500	0.0503	2.285868E+07	2.417048E+07		0.6	

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9I2904
Lab File ID:	6b46228	Calibration Date:	09/28/09 00:00
Sequence:	RI92925	Injection Date:	09/28/09
Lab Sample ID:	RI92925-CCV1	Injection Time:	19:21

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin ketone [2C]	L	0.0500	0.0524	8534243	9114926		4.9	
gamma-BHC (Lindane)	L	0.0500	0.0499	3.311043E+07	3.514842E+07		-0.2	15
gamma-BHC (Lindane) [2C]	L	0.0500	0.0506	1.313586E+07	1.402227E+07		1.1	15
gamma-Chlordane	L	0.0500	0.0506	3.119267E+07	3.278444E+07		1.2	15
gamma-Chlordane [2C]	L	0.0500	0.0518	1.107746E+07	1.169853E+07		3.6	15
Heptachlor	L	0.0500	0.0513	3.228413E+07	3.421402E+07		2.7	15
Heptachlor [2C]	L	0.0500	0.0510	1.277634E+07	1.339778E+07		2.1	15
Heptachlor epoxide	L	0.0500	0.0516	3.033737E+07	3.185516E+07		3.2	15
Heptachlor epoxide [2C]	L	0.0500	0.0521	1.129829E+07	1.182572E+07		4.1	15
Methoxychlor	L	0.0500	0.0497	1.088473E+07	1.123666E+07		-0.5	15
Methoxychlor [2C]	L	0.0500	0.0534	3675613	3953120		6.9	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9I2904
Lab File ID:	6A46229	Calibration Date:	09/28/09 00:00
Sequence:	RI92925	Injection Date:	09/28/09
Lab Sample ID:	RI92925-CCV2	Injection Time:	19:57

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Decachlorobiphenyl	L	0.0500	0.0501	2.362489E+07	2.28194E+07		0.1	15
Decachlorobiphenyl [2C]	L	0.0500	0.0510	9507167	9000380		2.1	15
Tetrachloro-m-xylene	L	0.0500	0.0486	2.471929E+07	2.476018E+07		-2.7	15
Tetrachloro-m-xylene [2C]	L	0.0500	0.0484	9296711	9133898		-3.2	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9I2904
Lab File ID:	6A46238	Calibration Date:	09/28/09 00:00
Sequence:	RI92925	Injection Date:	09/29/09
Lab Sample ID:	RI92925-CCV3	Injection Time:	01:20

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4,4'-DDD	L	0.0500	0.0500	2.19006E+07	2.314924E+07		-0.06	15
4,4'-DDD [2C]	L	0.0500	0.0496	7962215	8210372		-0.8	15
4,4'-DDE	L	0.0500	0.0488	2.888943E+07	2.98816E+07		-2.3	15
4,4'-DDE [2C]	L	0.0500	0.0488	1.019583E+07	1.032138E+07		-2.5	15
4,4'-DDT	L	0.0500	0.0467	2.14123E+07	2.171988E+07		-6.6	15
4,4'-DDT [2C]	L	0.0500	0.0481	7123641	7267228		-3.8	15
Aldrin	L	0.0500	0.0508	3.082834E+07	3.287906E+07		1.7	15
Aldrin [2C]	L	0.0500	0.0497	1.166556E+07	1.207813E+07		-0.5	15
alpha-BHC	L	0.0500	0.0495	3.584573E+07	3.816192E+07		-1.1	15
alpha-BHC [2C]	L	0.0500	0.0496	1.37734E+07	1.47447E+07		-0.7	15
alpha-Chlordane	L	0.0500	0.0485	2.961629E+07	2.94643E+07		-3.0	15
alpha-Chlordane [2C]	L	0.0500	0.0494	1.063622E+07	1.055463E+07		-1.2	15
beta-BHC	L	0.0500	0.0505	1.438893E+07	1.446126E+07		0.9	15
beta-BHC [2C]	L	0.0500	0.0515	5958901	5998370		3.0	15
delta-BHC	L	0.0500	0.0504	3.288152E+07	3.59615E+07		0.8	15
delta-BHC [2C]	L	0.0500	0.0503	1.286693E+07	1.391531E+07		0.7	15
Dieldrin	L	0.0500	0.0487	2.965426E+07	3.02615E+07		-2.6	15
Dieldrin [2C]	L	0.0500	0.0487	1.068287E+07	1.071194E+07		-2.5	15
Endosulfan I	L	0.0500	0.0498	2.73306E+07	2.775662E+07		-0.4	15
Endosulfan I [2C]	L	0.0500	0.0497	1.008713E+07	1.00671E+07		-0.7	15
Endosulfan II	L	0.0500	0.0486	2.43636E+07	2.41474E+07		-2.8	15
Endosulfan II [2C]	L	0.0500	0.0493	8941875	8811060		-1.4	15
Endosulfan sulfate	L	0.0500	0.0527	1.698053E+07	1.949542E+07		5.4	15
Endosulfan sulfate [2C]	L	0.0500	0.0541	6580221	7516648		8.3	15
Endrin	L	0.0500	0.0473	2.533332E+07	2.534406E+07		-5.3	15
Endrin [2C]	L	0.0500	0.0463	8788617	8444144		-7.4	15
Endrin aldehyde	L	0.0500	0.0485	1.614859E+07	1.599357E+07		-2.9	15
Endrin aldehyde [2C]	L	0.0500	0.0490	6277186	5976226		-2.0	15
Endrin ketone	L	0.0500	0.0505	2.285868E+07	2.425088E+07		0.9	

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9I2904
Lab File ID:	6b46238	Calibration Date:	09/28/09 00:00
Sequence:	RI92925	Injection Date:	09/29/09
Lab Sample ID:	RI92925-CCV3	Injection Time:	01:20

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin ketone [2C]	L	0.0500	0.0523	8534243	9090472		4.6	
gamma-BHC (Lindane)	L	0.0500	0.0498	3.311043E+07	3.509036E+07		-0.3	15
gamma-BHC (Lindane) [2C]	L	0.0500	0.0503	1.313586E+07	1.393859E+07		0.5	15
gamma-Chlordane	L	0.0500	0.0489	3.119267E+07	3.16869E+07		-2.2	15
gamma-Chlordane [2C]	L	0.0500	0.0492	1.107746E+07	1.109796E+07		-1.7	15
Heptachlor	L	0.0500	0.0525	3.228413E+07	3.498288E+07		5.0	15
Heptachlor [2C]	L	0.0500	0.0512	1.277634E+07	1.342811E+07		2.3	15
Heptachlor epoxide	L	0.0500	0.0503	3.033737E+07	3.103558E+07		0.5	15
Heptachlor epoxide [2C]	L	0.0500	0.0501	1.129829E+07	1.137175E+07		0.1	15
Methoxychlor	L	0.0500	0.0478	1.088473E+07	1.077538E+07		-4.5	15
Methoxychlor [2C]	L	0.0500	0.0500	3675613	3702524		0.09	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9I2904
Lab File ID:	6A46239	Calibration Date:	09/28/09 00:00
Sequence:	RI92925	Injection Date:	09/29/09
Lab Sample ID:	RI92925-CCV4	Injection Time:	01:56

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Decachlorobiphenyl	L	0.0500	0.0486	2.362489E+07	2.216634E+07		-2.8	15
Decachlorobiphenyl [2C]	L	0.0500	0.0484	9507167	8548204		-3.3	15
Tetrachloro-m-xylene	L	0.0500	0.0476	2.471929E+07	2.423898E+07		-4.7	15
Tetrachloro-m-xylene [2C]	L	0.0500	0.0496	9296711	9366856		-0.8	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9I2904
Lab File ID:	6A46246	Calibration Date:	09/28/09 00:00
Sequence:	RI92925	Injection Date:	09/29/09
Lab Sample ID:	RI92925-CCV5	Injection Time:	06:08

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
4,4'-DDD	L	0.0500	0.0549	2.19006E+07	2.550408E+07		9.9	15	
4,4'-DDD [2C]	L	0.0500	0.0553	7962215	9177292		10.6	15	
4,4'-DDE	L	0.0500	0.0512	2.888943E+07	3.134364E+07		2.3	15	
4,4'-DDE [2C]	L	0.0500	0.0515	1.019583E+07	1.092511E+07		3.1	15	
4,4'-DDT	L	0.0500	0.0432	2.14123E+07	2.0024E+07		-13.5	15	
4,4'-DDT [2C]	L	0.0500	0.0451	7123641	6798776		-9.7	15	
Aldrin	L	0.0500	0.0533	3.082834E+07	3.453108E+07		6.7	15	
Aldrin [2C]	L	0.0500	0.0524	1.166556E+07	1.274089E+07		4.8	15	
alpha-BHC	L	0.0500	0.0506	3.584573E+07	3.904752E+07		1.2	15	
alpha-BHC [2C]	L	0.0500	0.0525	1.37734E+07	1.563132E+07		5.0	15	
alpha-Chlordane	L	0.0500	0.0520	2.961629E+07	3.15811E+07		4.0	15	
alpha-Chlordane [2C]	L	0.0500	0.0524	1.063622E+07	1.118817E+07		4.7	15	
beta-BHC	L	0.0500	0.0522	1.438893E+07	1.494139E+07		4.3	15	
beta-BHC [2C]	L	0.0500	0.0541	5958901	6296032		8.2	15	
delta-BHC	L	0.0500	0.0523	3.288152E+07	3.739344E+07		4.6	15	
delta-BHC [2C]	L	0.0500	0.0530	1.286693E+07	1.466839E+07		5.9	15	
Dieldrin	L	0.0500	0.0513	2.965426E+07	3.19026E+07		2.5	15	
Dieldrin [2C]	L	0.0500	0.0516	1.068287E+07	1.136104E+07		3.3	15	
Endosulfan I	L	0.0500	0.0521	2.73306E+07	2.903426E+07		4.2	15	
Endosulfan I [2C]	L	0.0500	0.0525	1.008713E+07	1.063605E+07		4.9	15	
Endosulfan II	L	0.0500	0.0511	2.43636E+07	2.54027E+07		2.2	15	
Endosulfan II [2C]	L	0.0500	0.0522	8941875	9324784		4.3	15	
Endosulfan sulfate	L	0.0500	0.0558	1.698053E+07	2.072356E+07		11.7	15	
Endosulfan sulfate [2C]	L	0.0500	0.0578	6580221	8038458		15.5	15	*
Endrin	L	0.0500	0.0501	2.533332E+07	2.683624E+07		0.1	15	
Endrin [2C]	L	0.0500	0.0504	8788617	9205388		0.7	15	
Endrin aldehyde	L	0.0500	0.0507	1.614859E+07	1.672368E+07		1.5	15	
Endrin aldehyde [2C]	L	0.0500	0.0519	6277186	6320974		3.7	15	
Endrin ketone	L	0.0500	0.0527	2.285868E+07	2.535352E+07		5.3		

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9I2904
Lab File ID:	6b46246	Calibration Date:	09/28/09 00:00
Sequence:	RI92925	Injection Date:	09/29/09
Lab Sample ID:	RI92925-CCV5	Injection Time:	06:08

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Endrin ketone [2C]	L	0.0500	0.0551	8534243	9595078		10.3	
gamma-BHC (Lindane)	L	0.0500	0.0513	3.311043E+07	3.612664E+07		2.5	15
gamma-BHC (Lindane) [2C]	L	0.0500	0.0528	1.313586E+07	1.465889E+07		5.6	15
gamma-Chlordane	L	0.0500	0.0516	3.119267E+07	3.343436E+07		3.1	15
gamma-Chlordane [2C]	L	0.0500	0.0519	1.107746E+07	1.172186E+07		3.8	15
Heptachlor	L	0.0500	0.0541	3.228413E+07	3.609508E+07		8.3	15
Heptachlor [2C]	L	0.0500	0.0531	1.277634E+07	1.395266E+07		6.3	15
Heptachlor epoxide	L	0.0500	0.0528	3.033737E+07	3.261676E+07		5.7	15
Heptachlor epoxide [2C]	L	0.0500	0.0526	1.129829E+07	1.195736E+07		5.3	15
Methoxychlor	L	0.0500	0.0465	1.088473E+07	1.049475E+07		-6.9	15
Methoxychlor [2C]	L	0.0500	0.0497	3675613	3674044		-0.7	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Form 7

CONTINUING CALIBRATION CHECK

8081A

Laboratory:	TestAmerica Buffalo	SDG:	
Client:	Olin Chlor Alkali Products - Cleveland, TN	Project:	Olin - Charles Gibson site - NY3A9025AE03759
Instrument ID:	HP6890-6	Calibration:	R9I2904
Lab File ID:	6A46247	Calibration Date:	09/28/09 00:00
Sequence:	RI92925	Injection Date:	09/29/09
Lab Sample ID:	RI92925-CCV6	Injection Time:	06:44

		CONC. (ng/ul)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Decachlorobiphenyl	L	0.0500	0.0512	2.362489E+07	2.332846E+07		2.4	15
Decachlorobiphenyl [2C]	L	0.0500	0.0514	9507167	9055184		2.7	15
Tetrachloro-m-xylene	L	0.0500	0.0481	2.471929E+07	2.44811E+07		-3.8	15
Tetrachloro-m-xylene [2C]	L	0.0500	0.0517	9296711	9769592		3.4	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:
A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Form 8

ANALYSIS BATCH (SEQUENCE) SUMMARY

8081A

Laboratory: TestAmerica Buffalo
SDG:
Client: Olin Chlor Alkali Products - Cleveland, TN
Project: Olin - Charles Gibson site - NY3A9025AE03759
Sequence: RI92924
Instrument: HP6890-6
Calibration: R9H1803

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Calibration Check	RI92924-CCV1	6A46176	09/25/09 01:59
Calibration Check	RI92924-CCV1	6b46176	09/25/09 01:59
Calibration Check	RI92924-CCV2	6A46177	09/25/09 02:35
Calibration Check	RI92924-CCV2	6b46177	09/25/09 02:35
LCS	9I20007-BS1	6A46181	09/25/09 04:58
LCS	9I20007-BS1	6b46181	09/25/09 04:58
Calibration Check	RI92924-CCV3	6A46185	09/25/09 07:22
Calibration Check	RI92924-CCV3	6b46185	09/25/09 07:22
Calibration Check	RI92924-CCV4	6A46186	09/25/09 07:58
Calibration Check	RI92924-CCV4	6b46186	09/25/09 07:58
Blank	9I20007-BLK1	6A46193	09/25/09 12:09
Blank	9I20007-BLK1	6b46193	09/25/09 12:09
Calibration Check	RI92924-CCV5	6A46196	09/25/09 14:07
Calibration Check	RI92924-CCV5	6b46196	09/25/09 14:07
Calibration Check	RI92924-CCV6	6A46197	09/25/09 14:53
Calibration Check	RI92924-CCV6	6b46197	09/25/09 14:53

Form 8

ANALYSIS BATCH (SEQUENCE) SUMMARY

8081A

Laboratory: TestAmerica Buffalo
SDG:
Client: Olin Chlor Alkali Products - Cleveland, TN
Project: Olin - Charles Gibson site - NY3A9025AE03759
Sequence: RI92925
Instrument: HP6890-6
Calibration: R9I2904

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Performance Mix	RI92925-PEM1	6A46227	09/28/09 18:44
Performance Mix	RI92925-PEM1	6b46227	09/28/09 18:44
Calibration Check	RI92925-CCV1	6A46228	09/28/09 19:21
Calibration Check	RI92925-CCV1	6b46228	09/28/09 19:21
Calibration Check	RI92925-CCV2	6A46229	09/28/09 19:57
Calibration Check	RI92925-CCV2	6b46229	09/28/09 19:57
Calibration Check	RI92925-CCV3	6A46238	09/29/09 01:20
Calibration Check	RI92925-CCV3	6b46238	09/29/09 01:20
Calibration Check	RI92925-CCV4	6A46239	09/29/09 01:56
Calibration Check	RI92925-CCV4	6b46239	09/29/09 01:56
CGS-US1-091709	RSI0634-01	6A46240	09/29/09 02:32
CGS-US1-091709	RSI0634-01	6b46240	09/29/09 02:32
CGS-USD1-091709	RSI0634-02	6A46241	09/29/09 03:08
CGS-USD1-091709	RSI0634-02	6b46241	09/29/09 03:08
CGS-DS1-091709	RSI0634-03	6A46242	09/29/09 03:44
CGS-DS1-091709	RSI0634-03	6b46242	09/29/09 03:44
CGS-DSD1-091709	RSI0634-04	6A46243	09/29/09 04:20
CGS-DSD1-091709	RSI0634-04	6b46243	09/29/09 04:20
Calibration Check	RI92925-CCV5	6A46246	09/29/09 06:08
Calibration Check	RI92925-CCV5	6b46246	09/29/09 06:08
Calibration Check	RI92925-CCV6	6A46247	09/29/09 06:44
Calibration Check	RI92925-CCV6	6b46247	09/29/09 06:44

Form 10A

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

DRAFT: CGS-US1-091709

Lab Name: TestAmerica Buffalo SDG No.: DRAFT

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Lab Sample ID: RSI0634-01 Date(s) Analyzed: 09/29/2009 09/29/2009

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

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
alpha-BHC	1	10.76	10.70	10.80	240	
	2	12.30	12.24	12.34	270	13
	2	13.48	13.42	13.52	280	7
beta-BHC	1	11.86	11.80	11.90	260	
delta-BHC	1	12.30	12.24	12.34	39	
	2	14.23	14.17	14.27	42	8
gamma-BHC (Lindane)	1	11.61	11.55	11.65	18	
	2	13.26	13.20	13.30	26	41

Form 10A
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

DRAFT: CGS-USD1-091709

Lab Name: TestAmerica Buffalo SDG No.: DRAFT

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Lab Sample ID: RSI0634-02 Date(s) Analyzed: 09/29/2009 09/29/2009

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

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
alpha-BHC	1	10.77	10.70	10.80	530	
	2	12.31	12.24	12.34	560	7
	2	13.48	13.42	13.52	200	4
beta-BHC	1	11.86	11.80	11.90	190	
delta-BHC	1	12.30	12.24	12.34	36	
	2	14.23	14.17	14.27	39	7
gamma-BHC (Lindane)	1	11.61	11.55	11.65	19	
	2	13.26	13.20	13.30	28	46

Form 10A
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

DRAFT: CGS-DS1-091709

Lab Name: TestAmerica Buffalo SDG No.: DRAFT

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Lab Sample ID: RSI0634-03 Date(s) Analyzed: 09/29/2009 09/29/2009

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

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
alpha-BHC	1	10.76	10.70	10.80	210	
	2	12.30	12.24	12.34	240	12
	2	13.48	13.42	13.52	69	5
beta-BHC	1	11.86	11.80	11.90	73	
delta-BHC	1	12.30	12.24	12.34	32	
	2	14.22	14.17	14.27	34	8

Form 10A
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

DRAFT: CGS-DSD1-091709

Lab Name: TestAmerica Buffalo SDG No.: DRAFT

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Lab Sample ID: RSI0634-04 Date(s) Analyzed: 09/29/2009 09/29/2009

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

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
alpha-BHC	1	10.76	10.70	10.80	93	
	2	12.30	12.24	12.34	110	18
	2	13.48	13.42	13.52	180	7
beta-BHC	1	11.86	11.80	11.90	170	
delta-BHC	1	12.30	12.24	12.34	24	
	2	14.23	14.17	14.27	26	8

Form 10A

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

DRAFT: LCS

Lab Name: TestAmerica Buffalo SDG No.: DRAFT

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Lab Sample ID: 9I20007-BS1 Date(s) Analyzed: 09/25/2009 09/25/2009

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

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%D
			FROM	TO		
alpha-BHC	1	10.94	~~11.17~~ 10.89	~~11.27~~ 10.99	14.9	
	2	12.48	~~12.76~~ 12.43	~~12.86~~ 12.53	13.1	14
	2	13.65	~~13.94~~ 13.61	~~14.04~~ 13.71	14.6	14
beta-BHC	1	12.03	~~12.27~~ 11.98	~~12.37~~ 12.08	16.7	
delta-BHC	1	12.48	~~12.72~~ 12.43	~~12.82~~ 12.53	16.0	
	2	14.41	~~14.70~~ 14.36	~~14.80~~ 14.46	14.8	8
gamma-BHC (Lindane)	1	11.79	~~12.03~~ 11.74	~~12.13~~ 11.84	15.6	
	2	13.44	~~13.73~~ 13.39	~~13.83~~ 13.49	13.8	13

AM

10/6/09

TotalChrom Method File H:\TURBO6\6890-06\6a-(07-23-09).mth
Printed by : BescoD on: 07/24/2009 07:36:15
Created by : BescoD on: 07/24/2009 06:58:40
Edited by : BescoD on: 07/24/2009 07:36:10
Number of Times Edited : 5
Number of Times Calibrated : 2651
Description: CURVE 07-23-09

Processed by: DGB 7/24/09
Reviewed by: DLY 8/12/09

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 : 11.233 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 : 0.020000
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	104357.20	32529.05	----------	----------	1
B	0.0100	217038.10	67803.66	----------	----------	1
C	0.0500	1422693.20	454715.04	----------	----------	1
D	0.1000	2951163.20	927945.19	----------	----------	1
E	0.1500	4707018.20	1.46e+06	----------	----------	1

Calibration Curve : y = (-109541.526833) + (31587229.114763)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998609

gamma-BHC
Component Type : Single Peak Component
Retention Time : 12.085 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

07/24/2009 07:36:15 Method: H:\TURBO6\6890-06\6a-(07-23-09).mth

Calibration Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	102120.20	30487.42	----------	----------	1
B	0.0100	208946.50	62929.01	----------	----------	1
C	0.0500	1313185.60	403167.56	----------	----------	1
D	0.1000	2698991.50	827260.29	----------	----------	1
E	0.1500	4290828.70	1.31e+06	----------	----------	1

Calibration Curve : y = (-87595.376760) + (28736663.704523)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998757

beta-BHC
Component Type : Single Peak Component
Retention Time : 12.330 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 Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	53416.10	15497.55	----------	----------	1
B	0.0100	103633.40	30429.29	----------	----------	1
C	0.0500	551638.90	164775.79	----------	----------	1
D	0.1000	1086215.80	325971.18	----------	----------	1
E	0.1500	1709670.80	513910.88	----------	----------	1

Calibration Curve : y = (-13068.518682) + (11333071.324368)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999090

delta-BHC
Component Type : Single Peak Component
Retention Time : 12.776 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 Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	99325.50	29585.29	----------	----------	1
B	0.0100	205191.00	61484.26	----------	----------	1
C	0.0500	1331457.80	404736.00	----------	----------	1
D	0.1000	2754822.00	838079.11	----------	----------	1
E	0.1500	4419651.26	1.33e+06	----------	----------	1

Calibration Curve : y = (-103556.239555) + (29613424.220384)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998328

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Heptachlor
Component Type : Single Peak Component
Retention Time : 13.299 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	107993.00	31928.31	----------	----------	1
B	0.0100	215243.70	64186.05	----------	----------	1
C	0.0500	1267228.80	386320.86	----------	----------	1
D	0.1000	2539545.00	770765.95	----------	----------	1
E	0.1500	3948257.70	1.18e+06	----------	----------	1

Calibration Curve : y = (-47233.435424) + (26395032.019260)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999562

Aldrin
Component Type : Single Peak Component
Retention Time : 14.034 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	95257.00	28243.18	----------	----------	1
B	0.0100	193158.60	57786.96	----------	----------	1
C	0.0500	1194589.00	363472.70	----------	----------	1
D	0.1000	2421194.40	727111.12	----------	----------	1
E	0.1500	3811422.20	1.14e+06	----------	----------	1

Calibration Curve : y = (-64389.797447) + (25516095.618234)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999195

Hept. epoxide
Component Type : Single Peak Component
Retention Time : 15.485 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	110981.00	31402.90	----------	----------	1
B	0.0100	219920.00	62911.46	----------	----------	1
C	0.0500	1239897.57	357220.78	----------	----------	1
D	0.1000	2455174.68	704054.05	----------	----------	1
E	0.1500	3805678.03	1.09e+06	----------	----------	1

Calibration Curve : y = (-32270.521957) + (25374615.531610)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999615

gamma chlordane
Component Type : Single Peak Component
Retention Time : 15.769 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	118257.40	32548.71	----------	----------	1
B	0.0100	228893.80	64946.68	----------	----------	1
C	0.0500	1291870.70	379501.28	----------	----------	1
D	0.1000	2598359.70	762909.70	----------	----------	1
E	0.1500	4085039.40	1.20e+06	----------	----------	1

Calibration Curve : y = (-49681.138416) + (27208973.625654)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999154

alpha chlordane
Component Type : Single Peak Component
Retention Time : 16.076 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

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Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	110705.40	31065.45	----------	----------	1
B	0.0100	213022.60	59073.96	----------	----------	1
C	0.0500	1199439.60	339743.57	----------	----------	1
D	0.1000	2378312.50	673961.92	----------	----------	1
E	0.1500	3733917.60	1.06e+06	----------	----------	1

Calibration Curve : y = (-37796.636529) + (24839303.511017)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999224

4,4'-DDE
Component Type : Single Peak Component
Retention Time : 16.262 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	102179.96	30524.15	----------	----------	1
B	0.0100	206062.76	62302.07	----------	----------	1
C	0.0500	1250043.70	381709.07	----------	----------	1
D	0.1000	2535968.80	773533.60	----------	----------	1
E	0.1500	3984153.60	1.22e+06	----------	----------	1

Calibration Curve : y = (-63853.199423) + (26659285.132833)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999243

Endosulfan I
Component Type : Single Peak Component
Retention Time : 16.385 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	110157.04	30328.56	----------	----------	1
B	0.0100	214396.94	59520.86	----------	----------	1
C	0.0500	1190087.30	333650.11	----------	----------	1
D	0.1000	2353209.20	662249.66	----------	----------	1
E	0.1500	3650027.70	1.02e+06	----------	----------	1

Calibration Curve : y = (-27711.389975) + (24306143.270308)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999584

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Dieldrin
Component Type : Single Peak Component
Retention Time : 16.928 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	116591.70	31793.23	----------	----------	1
B	0.0100	232249.40	64174.33	----------	----------	1
C	0.0500	1346525.80	378292.88	----------	----------	1
D	0.1000	2713923.80	755883.79	----------	----------	1
E	0.1500	4246287.60	1.19e+06	----------	----------	1

Calibration Curve : y = (-55255.253370) + (28355092.828504)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999357

Endrin
Component Type : Single Peak Component
Retention Time : 17.447 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	120152.89	28808.87	----------	----------	1
B	0.0100	226480.90	58027.36	----------	----------	1
C	0.0500	1202358.40	329586.98	----------	----------	1
D	0.1000	2424613.64	659129.28	----------	----------	1
E	0.1500	3748343.11	1.02e+06	----------	----------	1

Calibration Curve : y = (-27367.629171) + (24948529.543863)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999600

4,4'-DDD
Component Type : Single Peak Component
Retention Time : 17.591 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 : 0.040000
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	90822.51	26377.21	----------	----------	1
B	0.0100	183903.50	53096.79	----------	----------	1
C	0.0500	1078355.60	318520.93	----------	----------	1
D	0.1000	2168968.26	640616.24	----------	----------	1
E	0.1500	3370849.49	981231.21	----------	----------	1

Calibration Curve : y = (-41734.186130) + (22544666.744032)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999574

Endosulfan II
Component Type : Single Peak Component
Retention Time : 17.943 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	109885.30	29117.37	----------	----------	1
B	0.0100	211709.40	56332.09	----------	----------	1
C	0.0500	1165848.30	315792.62	----------	----------	1
D	0.1000	2268419.90	614873.72	----------	----------	1
E	0.1500	3540898.00	957223.35	----------	----------	1

Calibration Curve : y = (-21806.222775) + (23510450.837696)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999366

4,4'-DDT
Component Type : Single Peak Component
Retention Time : 18.203 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

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Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	90105.60	25382.30	----------	----------	1
B	0.0100	183517.00	51993.20	----------	----------	1
C	0.0500	1126622.20	326602.33	----------	----------	1
D	0.1000	2272435.60	662127.87	----------	----------	1
E	0.1500	3529670.20	1.02e+06	----------	----------	1

Calibration Curve : y = (-50266.631160) + (23662487.724667)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999607

Endrin aldehyde
Component Type : Single Peak Component
Retention Time : 18.868 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	85758.80	22464.39	----------	----------	1
B	0.0100	162309.10	41967.97	----------	----------	1
C	0.0500	890478.50	228942.24	----------	----------	1
D	0.1000	1691286.03	437137.87	----------	----------	1
E	0.1500	2640904.00	686949.94	----------	----------	1

Calibration Curve : y = (-7460.562661) + (17485838.857352)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999198

Methoxychlor
Component Type : Single Peak Component
Retention Time : 19.243 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	56192.70	16317.10	----------	----------	1
B	0.0100	111199.40	31680.86	----------	----------	1
C	0.0500	600219.60	171251.03	----------	----------	1
D	0.1000	1161118.40	332185.62	----------	----------	1
E	0.1500	1756625.80	505104.97	----------	----------	1

Calibration Curve : y = (-260.641034) + (11703679.698953)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999832

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Endo. Sulfate
Component Type : Single Peak Component
Retention Time : 19.821 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	102886.60	26058.22	----------	----------	1
B	0.0100	197109.20	49781.59	----------	----------	1
C	0.0500	1073572.60	276673.38	----------	----------	1
D	0.1000	2072923.80	539455.73	----------	----------	1
E	0.1500	3246466.30	838321.01	----------	----------	1

Calibration Curve : y = (-16939.448789) + (21516367.441099)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999227

Endrin ketone
Component Type : Single Peak Component
Retention Time : 20.434 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

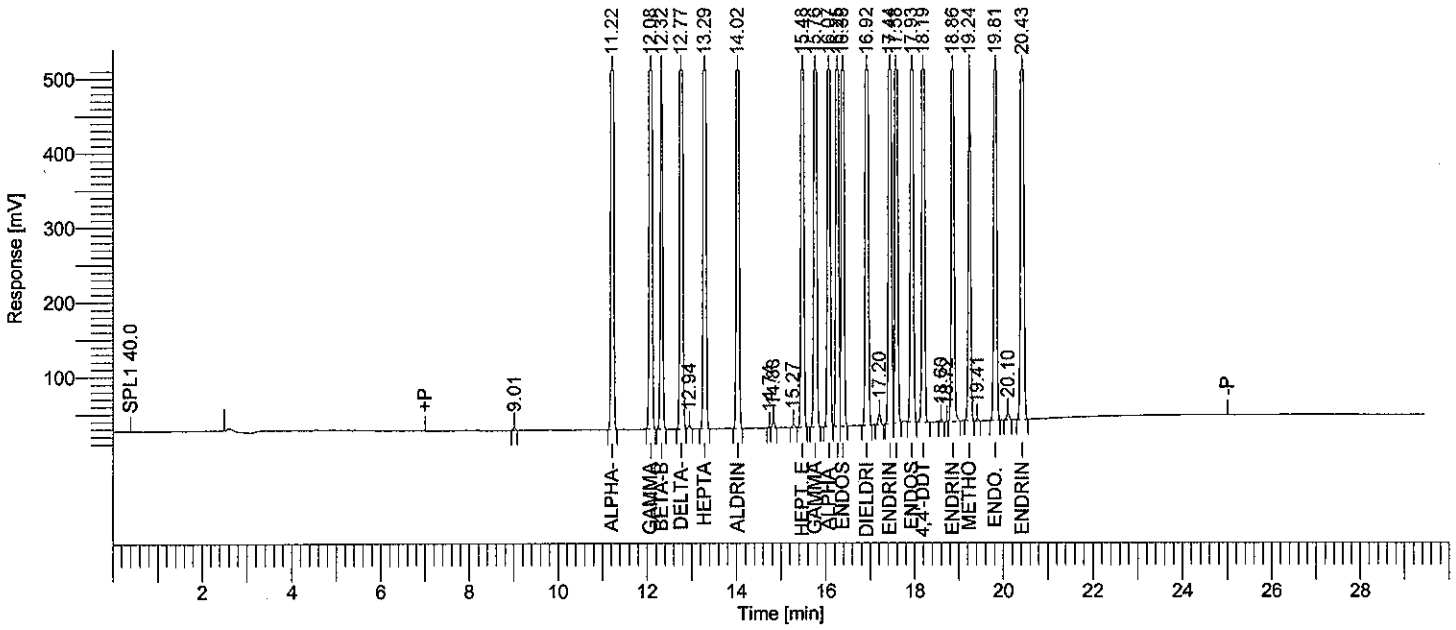
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	112146.20	27459.34	----------	----------	1
B	0.0100	219519.60	53898.74	----------	----------	1
C	0.0500	1237282.00	307130.12	----------	----------	1
D	0.1000	2425006.60	602555.78	----------	----------	1
E	0.1500	3780653.20	941798.54	----------	----------	1

Calibration Curve : y = (-30049.583181) + (25158271.479058)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999440

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:35:12
Reprocess Number	: buf1938: 102855		
Operator	: tchrom	Sample Name	: 9030585
Sample Number	:	Study	: ICAL 0.15
AutoSampler	: BUILT-IN	Rack/Vial	: 1/7
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.44 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 16:02:48	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-seq42\6A42007.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6A42007.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6A42007.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-seq42\6A42007.rst
Calib Method : h:\turbo6\6890-06\6a-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6A42007.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq



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

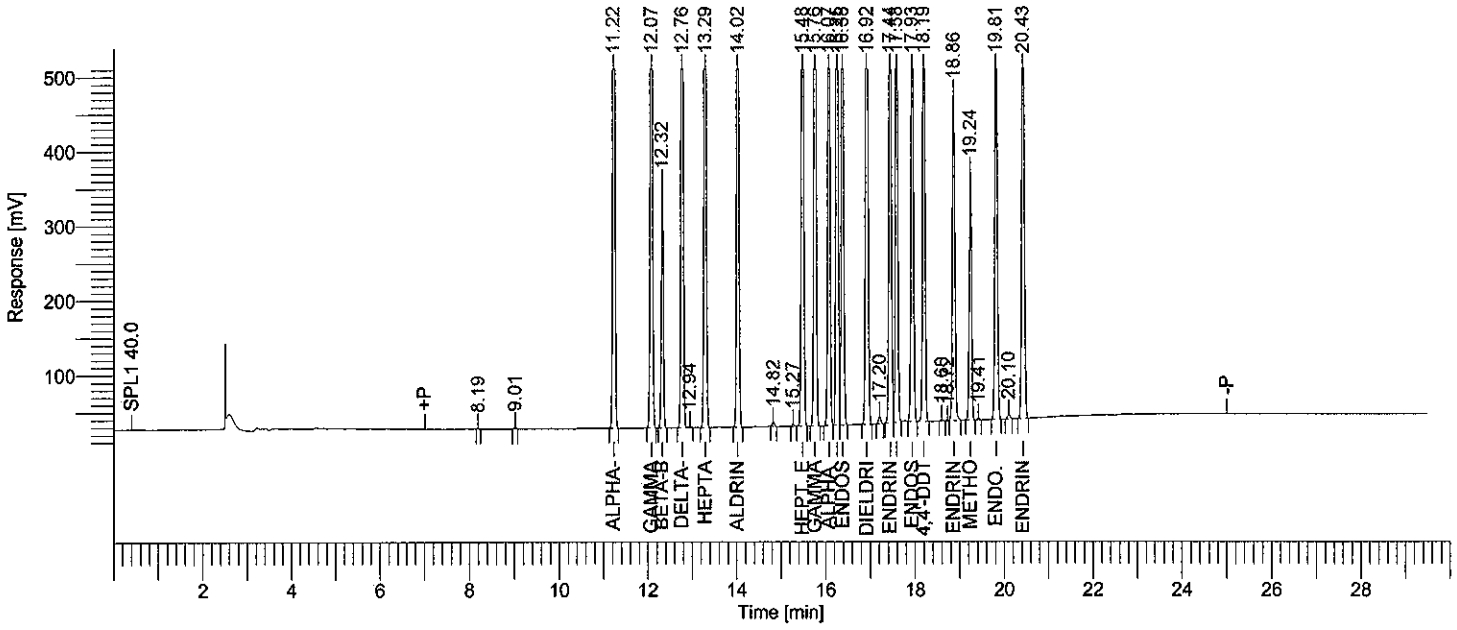
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.01	13667		B	0.01367	4247.48
2	11.22	4707018	alpha-BHC	B	0.15000	1.46e+06
3	12.08	4290829	gamma-BHC	B	0.15000	1.31e+06
4	12.32	1709671	beta-BHC	B	0.15000	513910.88
5	12.77	4419651	delta-BHC	B	0.15000	1.33e+06
6	12.94	16863		V	0.01686	3929.52
7	13.29	3948258	Heptachlor	B	0.15000	1.18e+06
8	14.02	3811422	Aldrin	B	0.15000	1.14e+06
9	14.74	3952		B	0.00395	1280.19
10	14.83	31646		V	0.03165	8791.96
11	15.27	15214		B	0.01521	4256.32
12	15.48	3805678	Hept. epoxide	V	0.15000	1.09e+06
13	15.76	4085039	gamma chlordane	B	0.15000	1.20e+06
14	16.07	3733918	alpha chlordane	B	0.15000	1.06e+06
15	16.25	3984154	4,4'-DDE	B	0.15000	1.22e+06
16	16.38	3650028	Endosulfan I	V	0.15000	1.02e+06
17	16.92	4246288	Dieldrin	B	0.15000	1.19e+06
18	17.20	51260		B	0.05126	13921.02
19	17.44	3748343	Endrin	B	0.15000	1.02e+06
20	17.58	3370849	4,4'-DDD	V	0.15000	981231.21
21	17.93	3540898	Endosulfan II	B	0.15000	957223.35
22	18.19	3529670	4,4'-DDT	B	0.15000	1.02e+06

07/24/2009 07:35:12 Result: H:\TURBO6\6890-06\6-seq42\6A42007.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
23	18.60	10279		B	0.01028	2877.74
24	18.72	2922		B	0.00292	1085.88
25	18.86	2640904	Endrin aldehyde	V	0.15000	686949.94
26	19.24	1756626	Methoxychlor	B	0.15000	505104.97
27	19.41	10387		B	0.01039	3101.42
28	19.81	3246466	Endo. Sulfate	B	0.15000	838321.01
29	20.10	36843		B	0.03684	9122.69
30	20.43	3780653	Endrin ketone	B	0.15000	941798.54
		72199396			3.19303	2.07e+07

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:35:15
Reprocess Number	: buf1938: 102856		
Operator	: tchrom	Sample Name	: 9030584
Sample Number	:	Study	: ICAL 0.10
AutoSampler	: BUILT-IN	Rack/Vial	: 1/8
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 16:38:40	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-seq42\6A42008.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6A42008.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6A42008.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-seq42\6A42008.rst
Calib Method : h:\turbo6\6890-06\6a-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6A42008.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq



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

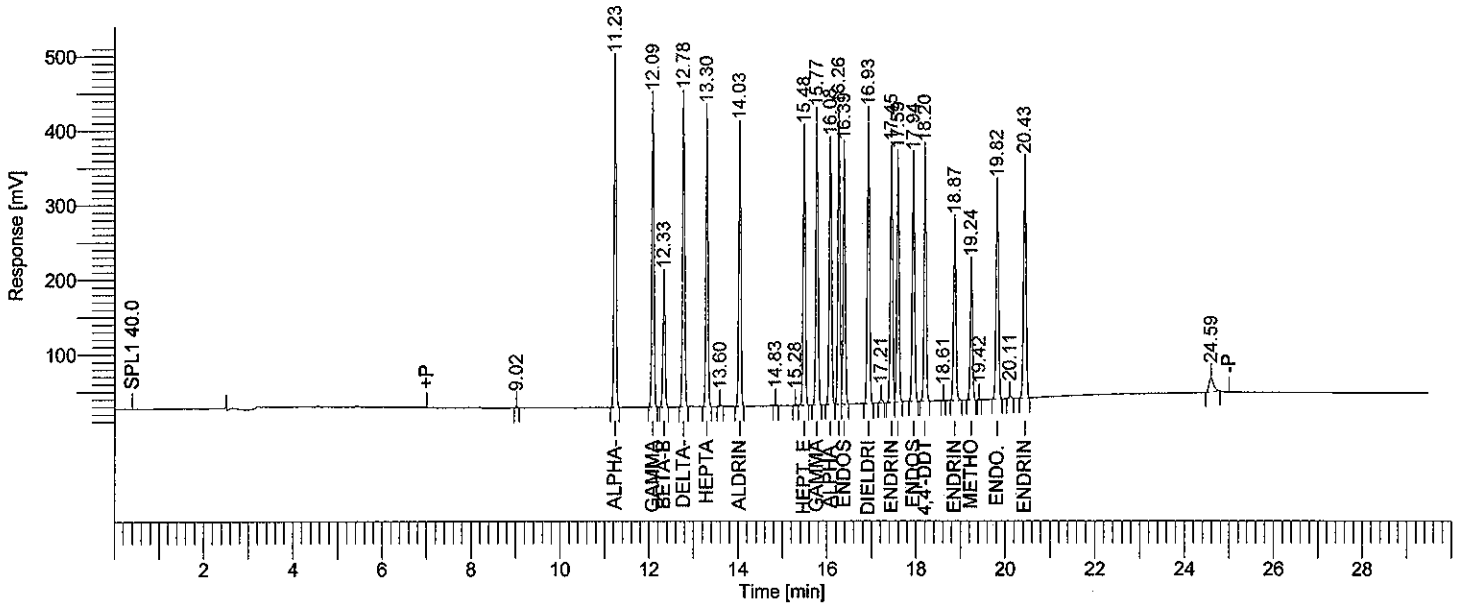
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.19	3535		B	0.00353	1317.31
2	9.01	10034		B	0.01003	3188.51
3	11.22	2951163	alpha-BHC	B	0.10000	927945.19
4	12.07	2698992	gamma-BHC	B	0.10000	827260.29
5	12.32	1086216	beta-BHC	B	0.10000	325971.18
6	12.76	2754822	delta-BHC	B	0.10000	838079.11
7	12.94	11142		E	0.01114	2585.85
8	13.29	2539545	Heptachlor	B	0.10000	770765.95
9	14.02	2421194	Aldrin	B	0.10000	727111.12
10	14.82	17748		B	0.01775	5386.38
11	15.27	9591		B	0.00959	2729.44
12	15.48	2455175	Hept. epoxide	V	0.10000	704054.05
13	15.76	2598360	gamma chlordane	B	0.10000	762909.70
14	16.07	2378312	alpha chlordane	B	0.10000	673961.92
15	16.25	2535969	4,4'-DDE	B	0.10000	773533.60
16	16.38	2353209	Endosulfan I	V	0.10000	662249.66
17	16.92	2713924	Dieldrin	B	0.10000	755883.79
18	17.20	32935		B	0.03294	9057.44
19	17.44	2424614	Endrin	B	0.10000	659129.28
20	17.58	2168968	4,4'-DDD	V	0.10000	640616.24
21	17.93	2268420	Endosulfan II	B	0.10000	614873.72
22	18.19	2272436	4,4'-DDT	B	0.10000	662127.87

07/24/2009 07:35:15 Result: H:\TURBO6\6890-06\6-seq42\6A42008.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
23	18.60	7003		B	0.00700	1976.80
24	18.72	3033		B	0.00303	1048.52
25	18.86	1691286	Endrin aldehyde	V	0.10000	437137.87
26	19.24	1161118	Methoxychlor	B	0.10000	332185.62
27	19.41	7640		B	0.00764	2283.13
28	19.81	2072924	Endo. Sulfate	B	0.10000	539455.73
29	20.10	22506		B	0.02251	5652.49
30	20.43	2425007	Endrin ketone	B	0.10000	602555.78
		46096820			2.12517	1.33e+07

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:35:17
Reprocess Number	: buf1938: 102857		
Operator	: tchrom	Sample Name	: 9071072
Sample Number	:	Study	: ICAL 0.05
AutoSampler	: BUILT-IN	Rack/Vial	: 1/9
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 17:14:41	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6-seq42\6A42009.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6A42009.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6A42009.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-seq42\6A42009.rst
Calib Method : h:\turbo6\6890-06\6a-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6A42009.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq



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

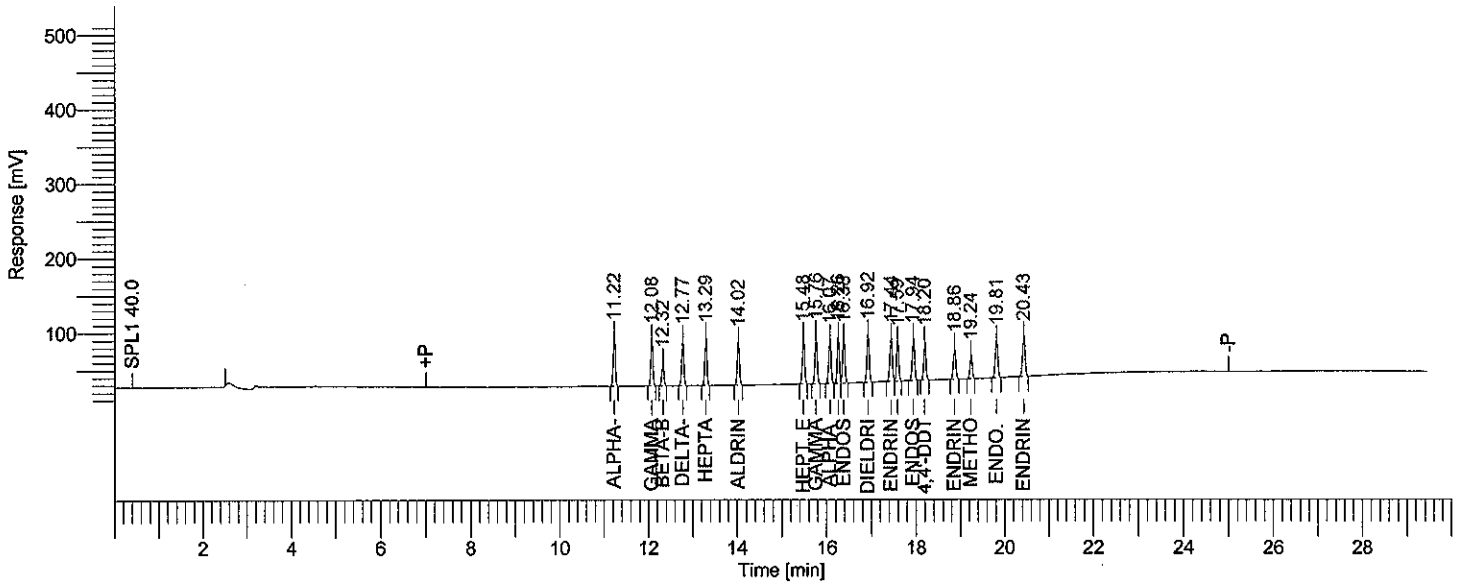
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.02	5802		B	0.00580	1884.70
2	11.23	1422693	alpha-BHC	B	0.05000	454715.04
3	12.09	1313186	gamma-BHC	B	0.05000	403167.56
4	12.33	551639	beta-BHC	B	0.05000	164775.79
5	12.78	1331458	delta-BHC	B	0.05000	404736.00
6	13.30	1267229	Heptachlor	B	0.05000	386320.86
7	13.60	9672		B	0.00967	2706.14
8	14.03	1194589	Aldrin	B	0.05000	363472.70
9	14.83	8582		B	0.00858	2707.90
10	15.28	4387		B	0.00439	1348.12
11	15.48	1239898	Hept. epoxide	V	0.05000	357220.78
12	15.77	1291871	gamma chlordane	B	0.05000	379501.28
13	16.08	1199440	alpha chlordane	B	0.05000	339743.57
14	16.26	1250044	4,4'-DDE	B	0.05000	381709.07
15	16.39	1190087	Endosulfan I	V	0.05000	333650.11
16	16.93	1346526	Dieldrin	B	0.05000	378292.88
17	17.21	17384		B	0.01738	4766.48
18	17.45	1202358	Endrin	B	0.05000	329586.98
19	17.59	1078356	4,4'-DDD	V	0.05000	318520.93
20	17.94	1165848	Endosulfan II	B	0.05000	315792.62
21	18.20	1126622	4,4'-DDT	B	0.05000	326602.33
22	18.61	3953		B	0.00395	1171.02

07/24/2009 07:35:17 Result: H:\TURBO6\6890-06\6-seq42\6A42009.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
23	18.87	890478	Endrin aldehyde	B	0.05000	228942.24
24	19.24	600220	Methoxychlor	B	0.05000	171251.03
25	19.42	3562		B	0.00356	1153.85
26	19.82	1073573	Endo. Sulfate	B	0.05000	276673.38
27	20.11	11960		B	0.01196	3057.01
28	20.43	1237282	Endrin ketone	B	0.05000	307130.12
29	24.59	134110		B	0.13411	18670.84
		23172807			1.19941	6.66e+06

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:35:19
Reprocess Number	: buf1938: 102858		
Operator	: tchrom	Sample Name	: 9071083
Sample Number	:	Study	: ICAL 0.01
AutoSampler	: BUILT-IN	Rack/Vial	: 1/10
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 17:50:35	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6-seq42\6A42010.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6A42010.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6A42010.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-seq42\6A42010.rst
Calib Method : h:\turbo6\6890-06\6a-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6A42010.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq

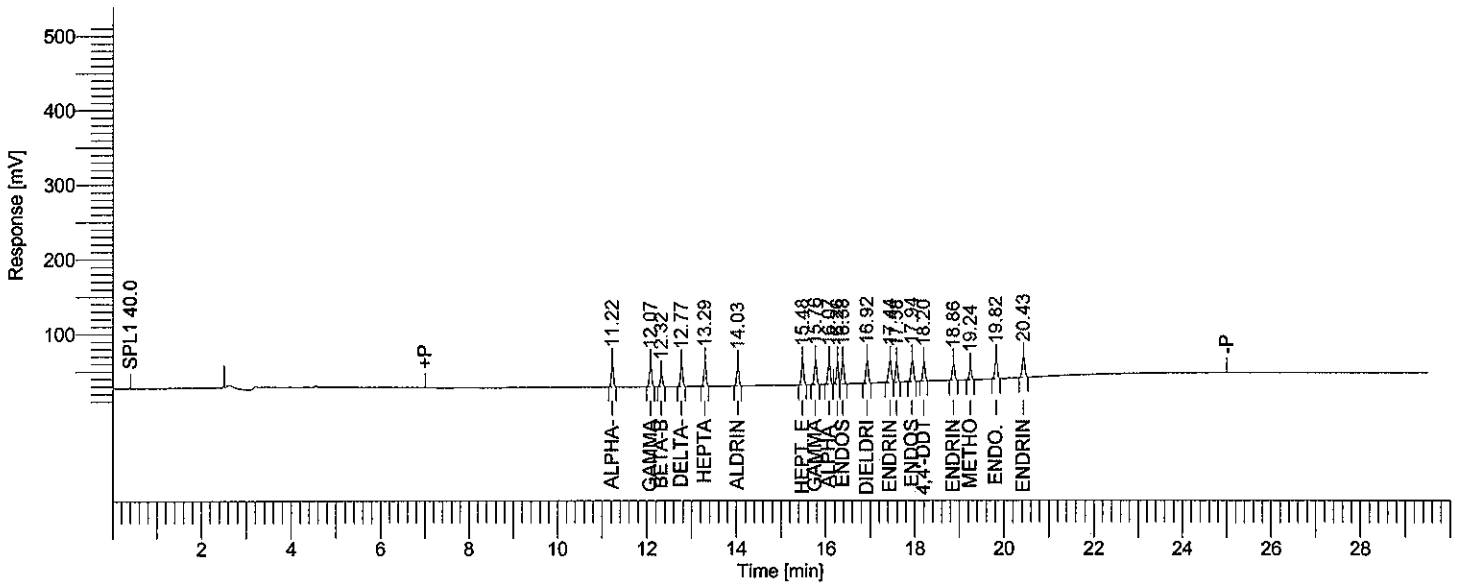


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	11.22	217038	alpha-BHC	B	0.01000	67803.66
2	12.08	208947	gamma-BHC	B	0.01000	62929.01
3	12.32	103633	beta-BHC	B	0.01000	30429.29
4	12.77	205191	delta-BHC	B	0.01000	61484.26
5	13.29	215244	Heptachlor	B	0.01000	64186.05
6	14.02	193159	Aldrin	B	0.01000	57786.96
7	15.48	219920	Hept. epoxide	B	0.01000	62911.46
8	15.76	228894	gamma chlordane	B	0.01000	64946.68
9	16.07	213023	alpha chlordane	B	0.01000	59073.96
10	16.26	206063	4,4'-DDE	B	0.01000	62302.07
11	16.38	214397	Endosulfan I	V	0.01000	59520.86
12	16.92	232249	Dieldrin	B	0.01000	64174.33
13	17.44	226481	Endrin	B	0.01000	58027.36
14	17.59	183903	4,4'-DDD	V	0.01000	53096.79
15	17.94	211709	Endosulfan II	B	0.01000	56332.09
16	18.20	183517	4,4'-DDT	B	0.01000	51993.20
17	18.86	162309	Endrin aldehyde	B	0.01000	41967.97
18	19.24	111199	Methoxychlor	B	0.01000	31680.86
19	19.81	197109	Endo. Sulfate	B	0.01000	49781.59
20	20.43	219520	Endrin ketone	B	0.01000	53898.74
		3953505			0.20000	1.11e+06

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:35:21
Reprocess Number	: buf1938: 102859		
Operator	: tchrom	Sample Name	: 9071084
Sample Number	:	Study	: ICAL 0.005
AutoSampler	: BUILT-IN	Rack/Vial	: 1/11
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 18:26:42	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6-seq42\6A42011.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6A42011.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6A42011.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-seq42\6A42011.rst
Calib Method : h:\turbo6\6890-06\6a-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6A42011.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq

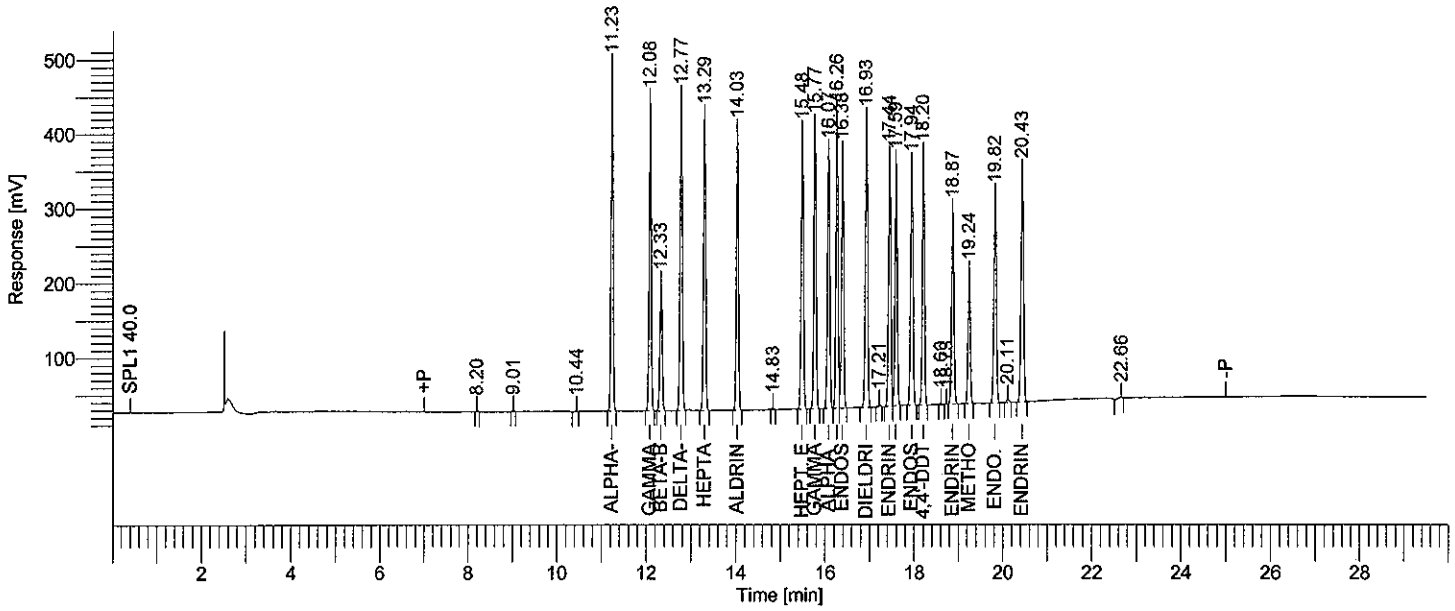


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	11.22	104357	alpha-BHC	B	0.00500	32529.05
2	12.07	102120	gamma-BHC	B	0.00500	30487.42
3	12.32	53416	beta-BHC	B	0.00500	15497.55
4	12.77	99325	delta-BHC	B	0.00500	29585.29
5	13.29	107993	Heptachlor	B	0.00500	31928.31
6	14.03	95257	Aldrin	B	0.00500	28243.18
7	15.48	110981	Hept. epoxide	B	0.00500	31402.90
8	15.76	118257	gamma chlordane	B	0.00500	32548.71
9	16.07	110705	alpha chlordane	B	0.00500	31065.45
10	16.26	102180	4,4'-DDE	B	0.00500	30524.15
11	16.38	110157	Endosulfan I	V	0.00500	30328.56
12	16.92	116592	Dieldrin	B	0.00500	31793.23
13	17.44	120153	Endrin	B	0.00500	28808.87
14	17.58	90823	4,4'-DDD	V	0.00500	26377.21
15	17.94	109885	Endosulfan II	B	0.00500	29117.37
16	18.20	90106	4,4'-DDT	B	0.00500	25382.30
17	18.86	85759	Endrin aldehyde	B	0.00500	22464.39
18	19.24	56193	Methoxychlor	B	0.00500	16317.10
19	19.82	102887	Endo. Sulfate	B	0.00500	26058.22
20	20.43	112146	Endrin ketone	B	0.00500	27459.34
		1999292			0.10000	557918.60

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:40:06
Reprocess Number	: buf1938: 102860		
Operator	: tchrom	Sample Name	: 9030626
Sample Number	:	Study	: 2nd Source
AutoSampler	: BUILT-IN	Rack/Vial	: 1/12
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 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	: 07/23/2009 19:02:28	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-seq42\6A42012.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6A42012.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6A42012.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-seq42\6A42012.rst
Calib Method : h:\turbo6\6890-06\6a-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6A42012.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
11.23	BB	1447108	alpha-BHC	0.04928	459319.55	-1.4	11.18 -	11.28
12.08	BB	1340225	gamma-BHC	0.04969	412265.89	-0.6	12.03 -	12.13
12.33	BB	565527	beta-BHC	0.05105	167923.42	2.1	12.28 -	12.38
12.77	BB	1350410	delta-BHC	0.04910	415800.48	-1.8	12.72 -	12.82
13.29	BB	1286922	Heptachlor	0.05055	390396.14	1.1	13.24 -	13.34
14.03	BB	1227221	Aldrin	0.05062	371119.33	1.2	13.98 -	14.08
15.48	BB	1281121	Hept. epoxide	0.05176	367401.66	3.5	15.43 -	15.53
15.77	BB	1293324	gamma chlordane	0.04936	375244.63	-1.3	15.72 -	15.82
16.07	BB	1208173	alpha chlordane	0.05016	340782.20	0.3	16.02 -	16.12
16.26	BV	1269851	4,4'-DDE	0.05003	391226.63	0.1	16.21 -	16.31
16.38	VB	1205074	Endosulfan I	0.05072	338831.29	1.4	16.33 -	16.43
16.93	BB	1370108	Dieldrin	0.05027	382368.74	0.5	16.88 -	16.98
17.44	BV	1227318	Endrin	0.05029	333249.86	0.6	17.39 -	17.49
17.59	VB	1094070	4,4'-DDD	0.05038	323123.68	0.8	17.54 -	17.64
17.94	BB	1175525	Endosulfan II	0.05093	318471.96	1.9	17.89 -	17.99
18.20	BB	1139567	4,4'-DDT	0.05028	332121.47	0.6	18.15 -	18.25
18.87	VB	974552	Endrin aldehyde	0.05616	255770.14	12.3	18.82 -	18.92
19.24	BB	598792	Methoxychlor	0.05118	171399.61	2.4	19.19 -	19.29
19.82	BB	1061100	Endo. Sulfate	0.05010	274243.87	0.2	19.77 -	19.87
20.43	BB	1234846	Endrin ketone	0.05028	305845.83	0.6	20.38 -	20.48
		23350835		1.01219	6.73e+06			

TotalChrom Method File H:\TURBO6\6890-06\6B-(07-23-09).mth
Printed by : BescoD on: 07/24/2009 07:26:11
Created by : BescoD on: 07/24/2009 06:59:42
Edited by : BescoD on: 07/24/2009 07:26:04
Number of Times Edited : 4
Number of Times Calibrated : 2636
Description: CURVE 07-23-09

Processed by: DJB 7/24/09
Reviewed by: DJF 8/24/09

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 (2C)
Component Type : Single Peak Component
Retention Time : 12.820 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	55058.60	16237.12	----------	----------	1
B	0.0100	111801.20	33154.31	----------	----------	1
C	0.0500	692901.30	209761.45	----------	----------	1
D	0.1000	1427291.60	432250.99	----------	----------	1
E	0.1500	2286305.00	681689.95	----------	----------	1

Calibration Curve : y = (-48435.795610) + (15287417.467814)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998362

gamma-BHC (2C)
Component Type : Single Peak Component
Retention Time : 13.784 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

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Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	54029.20	15296.92	----------	----------	1
B	0.0100	106466.20	30354.75	----------	----------	1
C	0.0500	628264.80	181864.74	----------	----------	1
D	0.1000	1271798.20	369343.87	----------	----------	1
E	0.1500	2017688.80	586050.08	----------	----------	1

Calibration Curve : y = (-32259.709534) + (13458874.918281)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998827

beta-BHC (2C)
Component Type : Single Peak Component
Retention Time : 13.995 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	28927.60	8211.24	----------	----------	1
B	0.0100	55319.20	15428.84	----------	----------	1
C	0.0500	274557.50	76912.28	----------	----------	1
D	0.1000	525505.30	149557.24	----------	----------	1
E	0.1500	814939.40	232077.88	----------	----------	1

Calibration Curve : y = (1082.725536) + (5377254.960082)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999429

delta-BHC (2C)
Component Type : Single Peak Component
Retention Time : 14.752 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	51371.00	14458.46	----------	----------	1
B	0.0100	101551.30	28653.74	----------	----------	1
C	0.0500	609220.40	174459.87	----------	----------	1
D	0.1000	1238174.80	353178.73	----------	----------	1
E	0.1500	1984350.40	567090.83	----------	----------	1

Calibration Curve : y = (-36618.075345) + (13230978.468500)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998354

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Heptachlor (2C)
Component Type : Single Peak Component
Retention Time : 14.944 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	54132.60	15262.75	----------	----------	1
B	0.0100	103561.20	29129.76	----------	----------	1
C	0.0500	569915.00	162908.51	----------	----------	1
D	0.1000	1137804.80	327536.36	----------	----------	1
E	0.1500	1779818.40	515138.02	----------	----------	1

Calibration Curve : y = (-16834.226440) + (11839374.608405)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999319

Aldrin (2C)
Component Type : Single Peak Component
Retention Time : 15.754 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	46390.70	12929.16	----------	----------	1
B	0.0100	89690.80	24771.26	----------	----------	1
C	0.0500	509856.60	145746.10	----------	----------	1
D	0.1000	1032204.80	293209.74	----------	----------	1
E	0.1500	1629985.70	464830.40	----------	----------	1

Calibration Curve : y = (-22501.175339) + (10859156.977685)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998963

Hept. epoxide (2C)
Component Type : Single Peak Component
Retention Time : 17.110 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	48056.60	12821.79	----------	----------	1
B	0.0100	91165.20	24192.77	----------	----------	1
C	0.0500	475920.60	128536.19	----------	----------	1
D	0.1000	941743.40	257707.61	----------	----------	1
E	0.1500	1464410.20	397231.88	----------	----------	1

Calibration Curve : y = (-7773.377291) + (9714802.814136)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999469

gamma chlordane (2C)
Component Type : Single Peak Component
Retention Time : 17.549 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	48722.60	12867.95	----------	----------	1
B	0.0100	90705.90	23970.13	----------	----------	1
C	0.0500	468633.80	128488.28	----------	----------	1
D	0.1000	930134.40	258057.35	----------	----------	1
E	0.1500	1458010.90	405024.76	----------	----------	1

Calibration Curve : y = (-9056.291950) + (9655520.824607)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999178

alpha chlordane (2C)
Component Type : Single Peak Component
Retention Time : 17.884 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

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Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	52574.33	12358.20	----------	----------	1
B	0.0100	93111.52	22817.63	----------	----------	1
C	0.0500	450266.81	121564.77	----------	----------	1
D	0.1000	882652.53	240252.20	----------	----------	1
E	0.1500	1375657.70	376024.55	----------	----------	1

Calibration Curve : y = (-199.024666) + (9064310.847060)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999292

Endosulfan I (2C)
Component Type : Single Peak Component
Retention Time : 18.027 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	43146.87	11301.33	----------	----------	1
B	0.0100	81984.68	21270.77	----------	----------	1
C	0.0500	424131.39	112848.18	----------	----------	1
D	0.1000	831714.07	222807.61	----------	----------	1
E	0.1500	1292420.90	346955.62	----------	----------	1

Calibration Curve : y = (-4830.583741) + (8563653.410311)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999480

4,4'-DDE (2C)
Component Type : Single Peak Component
Retention Time : 18.219 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	39113.90	11123.79	----------	----------	1
B	0.0100	76012.00	21421.05	----------	----------	1
C	0.0500	427277.00	124388.59	----------	----------	1
D	0.1000	861972.00	253252.13	----------	----------	1
E	0.1500	1359380.10	396104.31	----------	----------	1

Calibration Curve : y = (-17494.611158) + (9051517.637435)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999022

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Dieldrin (2C)
Component Type : Single Peak Component
Retention Time : 18.647 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	42811.80	11106.05	----------	----------	1
B	0.0100	82756.60	21290.14	----------	----------	1
C	0.0500	451139.00	119291.97	----------	----------	1
D	0.1000	902887.60	241590.63	----------	----------	1
E	0.1500	1418012.20	378842.47	----------	----------	1

Calibration Curve : y = (-14360.400046) + (9426695.529817)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999171

Endrin (2C)
Component Type : Single Peak Component
Retention Time : 19.337 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	34827.33	8825.28	----------	----------	1
B	0.0100	68368.71	17102.75	----------	----------	1
C	0.0500	365582.43	92776.64	----------	----------	1
D	0.1000	731969.60	188776.12	----------	----------	1
E	0.1500	1140837.75	294594.42	----------	----------	1

Calibration Curve : y = (-9706.312366) + (7587673.951510)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999420

4,4'-DDD (2C)
Component Type : Single Peak Component
Retention Time : 19.500 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 : 0.040000
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	32013.67	8907.43	----------	----------	1
B	0.0100	62663.09	17234.02	----------	----------	1
C	0.0500	346075.17	96045.83	----------	----------	1
D	0.1000	693429.20	194480.44	----------	----------	1
E	0.1500	1091229.55	305094.21	----------	----------	1

Calibration Curve : y = (-12232.467395) + (7258961.693510)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999115

Endosulfan II (2C)
Component Type : Single Peak Component
Retention Time : 19.793 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	39654.20	9873.61	----------	----------	1
B	0.0100	74934.60	18512.62	----------	----------	1
C	0.0500	383984.30	95912.53	----------	----------	1
D	0.1000	739003.60	187421.46	----------	----------	1
E	0.1500	1144569.30	291547.98	----------	----------	1

Calibration Curve : y = (-430.453599) + (7569200.850785)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999499

4,4'-DDT (2C)
Component Type : Single Peak Component
Retention Time : 20.200 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

07/24/2009 07:26:11 Method: H:\TURBO6\6890-06\6B-(07-23-09).mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	26168.80	7224.77	----------	----------	1
B	0.0100	53036.50	14386.39	----------	----------	1
C	0.0500	314817.80	86468.35	----------	----------	1
D	0.1000	636640.80	175952.00	----------	----------	1
E	0.1500	990675.50	274922.61	----------	----------	1

Calibration Curve : y = (-13491.074017) + (6631094.399199)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999536

Endrin aldehyde (2C)
Component Type : Single Peak Component
Retention Time : 20.524 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	30800.00	7607.28	----------	----------	1
B	0.0100	57635.00	14045.24	----------	----------	1
C	0.0500	288067.20	70354.96	----------	----------	1
D	0.1000	537620.80	132193.27	----------	----------	1
E	0.1500	833217.62	205904.05	----------	----------	1

Calibration Curve : y = (3974.252925) + (5484029.688864)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999214

Endo. Sulfate (2C)
Component Type : Single Peak Component
Retention Time : 21.138 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	38791.80	9242.55	----------	----------	1
B	0.0100	72802.50	17121.97	----------	----------	1
C	0.0500	365378.00	87432.23	----------	----------	1
D	0.1000	685633.00	166109.94	----------	----------	1
E	0.1500	1059884.40	259213.42	----------	----------	1

Calibration Curve : y = (4487.498069) + (6984292.729058)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999332

07/24/2009 07:26:11 Method: H:\TURBO6\6890-06\6B-(07-23-09).mth

Methoxychlor (2C)
Component Type : Single Peak Component
Retention Time : 21.669 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	16136.00	4126.55	----------	----------	1
B	0.0100	32421.00	8154.20	----------	----------	1
C	0.0500	177565.70	43531.81	----------	----------	1
D	0.1000	337505.40	83300.11	----------	----------	1
E	0.1500	504323.60	125958.44	----------	----------	1

Calibration Curve : y = (1660.904941) + (3363959.286649)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999554

Endrin ketone (2C)
Component Type : Single Peak Component
Retention Time : 22.451 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

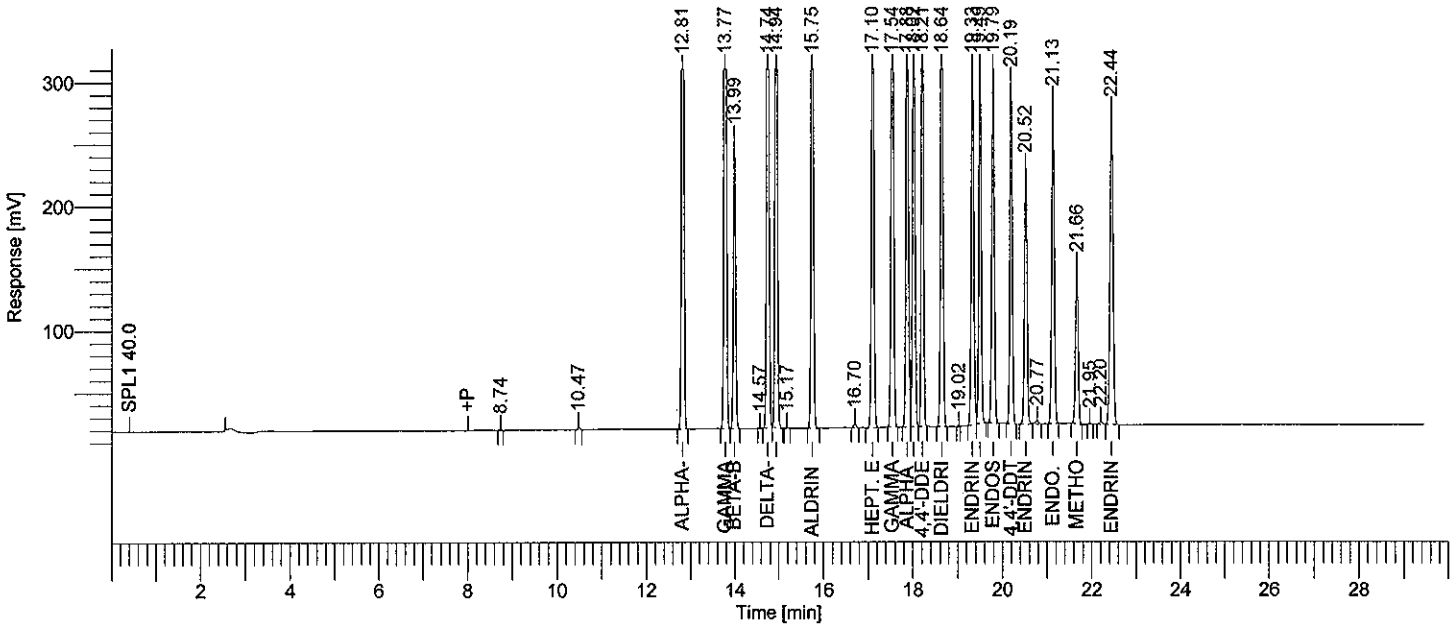
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	40685.20	8285.08	----------	----------	1
B	0.0100	78100.20	15715.54	----------	----------	1
C	0.0500	414075.10	83906.04	----------	----------	1
D	0.1000	792447.60	161627.00	----------	----------	1
E	0.1500	1223581.75	251736.55	----------	----------	1

Calibration Curve : y = (-1025.638038) + (8107993.777019)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999532

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:23:51
Reprocess Number	: buf1938: 102846		
Operator	: tchrom	Sample Name	: 9030585
Sample Number	:	Study	: ICAL 0.15
AutoSampler	: BUILT-IN	Rack/Vial	: 1/7
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.44 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 16:02:48	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-seq42\6b42007.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6b42007.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6b42007.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-seq42\6b42007.rst
Calib Method : h:\turbo6\6890-06\6b-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6b42007.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq



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

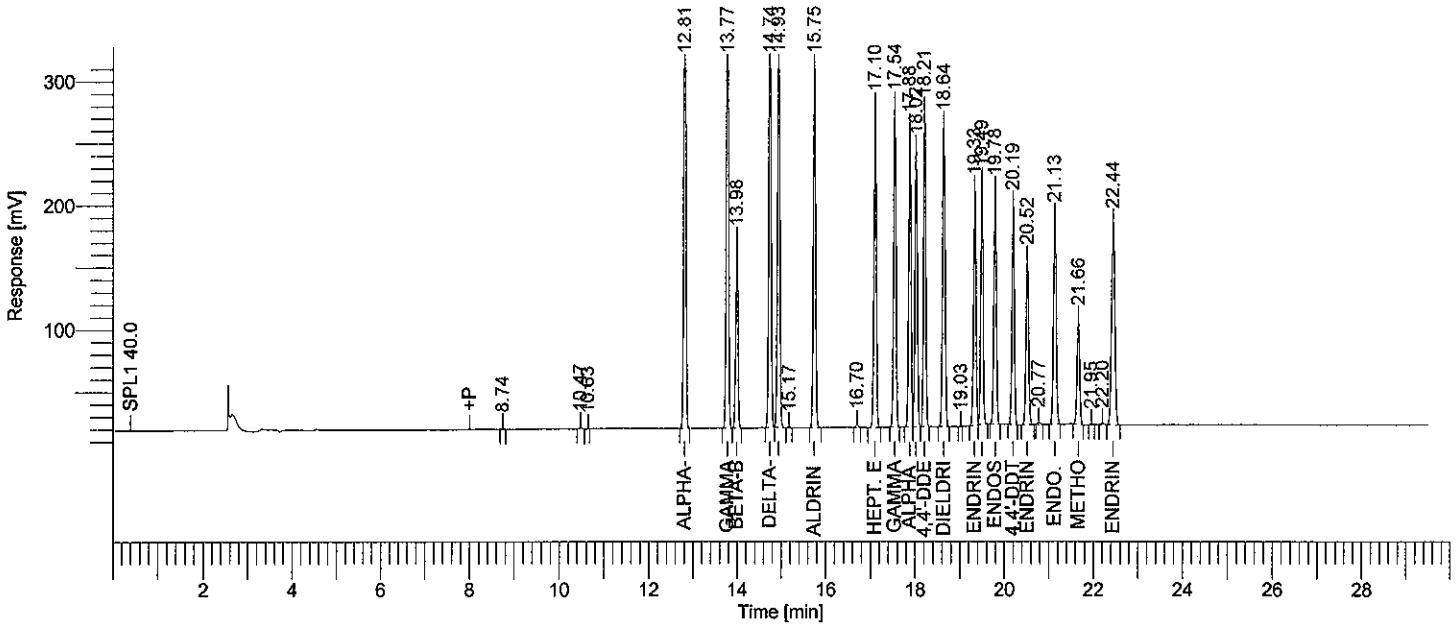
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.74	2951		B	0.00295	1006.04
2	10.47	9197		B	0.00920	2584.56
3	12.81	2286305	alpha-BHC (2C)	B	0.15000	681689.95
4	13.77	2017689	gamma-BHC (2C)	B	0.15000	586050.08
5	13.99	814939	beta-BHC (2C)	B	0.15000	232077.88
7	14.74	1984350	delta-BHC (2C)	B	0.15000	567090.83
8	14.94	1779818	Heptachlor (2C)	B	0.15000	515138.02
9	15.17	3972		B	0.00397	1078.27
10	15.75	1629986	Aldrin (2C)	B	0.15000	464830.40
11	16.70	13243		B	0.01324	3679.85
12	17.10	1464410	Hept. epoxide (2C)	B	0.15000	397231.88
13	17.54	1458011	gamma chlordane (2C)	B	0.15000	405024.76
14	17.88	1375658	alpha chlordane (2C)	B	0.15000	376024.55
15	18.02	1292421	Endosulfan I (2C)	V	0.15000	346955.62
16	18.21	1359380	4,4'-DDE (2C)	B	0.15000	396104.31
17	18.64	1418012	Dieldrin (2C)	B	0.15000	378842.47
19	19.33	1140838	Endrin (2C)	B	0.15000	294594.42
20	19.49	1091230	4,4'-DDD (2C)	V	0.15000	305094.21
21	19.79	1144569	Endosulfan II (2C)	B	0.15000	291547.98
22	20.19	990676	4,4'-DDT (2C)	B	0.15000	274922.61
23	20.52	833218	Endrin aldehyde (2C)	B	0.15000	205904.05
24	20.77	13528		V	0.01353	2557.28

07/24/2009 07:23:51 Result: H:\TURBO6\6890-06\6-seq42\6b42007.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	21.13	1059884	Endo. Sulfate (2C)	B	0.15000	259213.42
26	21.66	504324	Methoxychlor (2C)	B	0.15000	125958.44
27	21.95	2966		B	0.00297	755.36
28	22.20	9554		B	0.00955	2009.40
29	22.44	1223582	Endrin ketone (2C)	V	0.15000	251736.55
		26924710			3.05541	7.37e+06

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:23:56
Reprocess Number	: buf1938: 102848		
Operator	: tchrom	Sample Name	: 9030584
Sample Number	:	Study	: ICAL 0.10
AutoSampler	: BUILT-IN	Rack/Vial	: 1/8
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 16:38:40	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-seq42\6b42008.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6b42008.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6b42008.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-seq42\6b42008.rst
Calib Method : h:\turbo6\6890-06\6b-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6b42008.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq



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

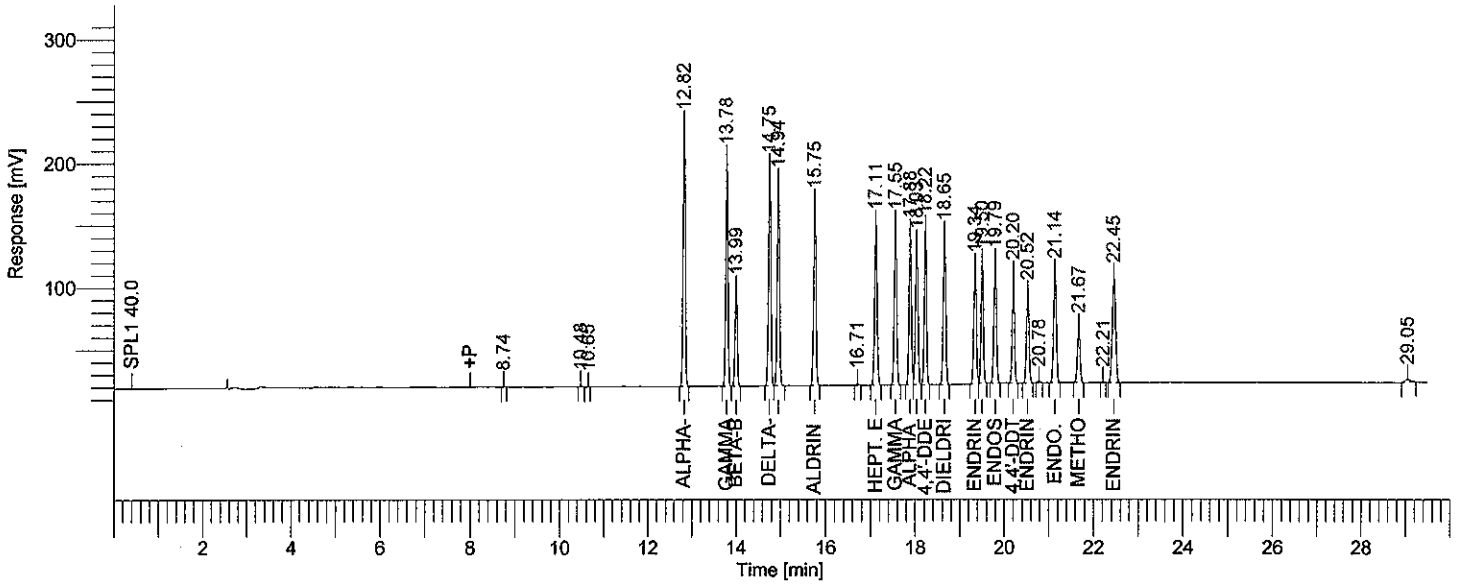
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.74	3311		B	0.00331	1142.06
2	10.47	7196		B	0.00720	1995.32
4	12.81	1427292	alpha-BHC (2C)	B	0.10000	432250.99
5	13.77	1271798	gamma-BHC (2C)	B	0.10000	369343.87
6	13.98	525505	beta-BHC (2C)	B	0.10000	149557.24
7	14.74	1238175	delta-BHC (2C)	B	0.10000	353178.73
8	14.93	1137805	Heptachlor (2C)	B	0.10000	327536.36
9	15.17	2461		B	0.00246	691.04
10	15.75	1032205	Aldrin (2C)	B	0.10000	293209.74
11	16.70	8397		B	0.00840	2310.35
12	17.10	941743	Hept. epoxide (2C)	B	0.10000	257707.61
13	17.54	930134	gamma chlordane (2C)	B	0.10000	258057.35
14	17.88	882653	alpha chlordane (2C)	B	0.10000	240252.20
15	18.02	831714	Endosulfan I (2C)	V	0.10000	222807.61
16	18.21	861972	4,4'-DDE (2C)	B	0.10000	253252.13
17	18.64	902888	Dieldrin (2C)	B	0.10000	241590.63
19	19.33	731970	Endrin (2C)	B	0.10000	188776.12
20	19.49	693429	4,4'-DDD (2C)	V	0.10000	194480.44
21	19.78	739004	Endosulfan II (2C)	B	0.10000	187421.46
22	20.19	636641	4,4'-DDT (2C)	B	0.10000	175952.00
23	20.52	537621	Endrin aldehyde (2C)	B	0.10000	132193.27
24	20.77	7460		B	0.00746	1633.35

07/24/2009 07:23:56 Result: H:\TURBO6\6890-06\6-seq42\6b42008.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
25	21.13	685633	Endo. Sulfate (2C)	B	0.10000	166109.94
26	21.66	337505	Methoxychlor (2C)	B	0.10000	83300.11
27	21.95	2129		B	0.00213	560.11
28	22.20	5786		B	0.00579	1249.94
29	22.44	792448	Endrin ketone (2C)	B	0.10000	161627.00
		17174873			2.03674	4.70e+06

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:24:01
Reprocess Number	: buf1938: 102850		
Operator	: tchrom	Sample Name	: 9071072
Sample Number	:	Study	: ICAL 0.05
AutoSampler	: BUILT-IN	Rack/Vial	: 1/9
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 17:14:41	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6-seq42\6b42009.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6b42009.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6b42009.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-seq42\6b42009.rst
Calib Method : h:\turbo6\6890-06\6b-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6b42009.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq



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

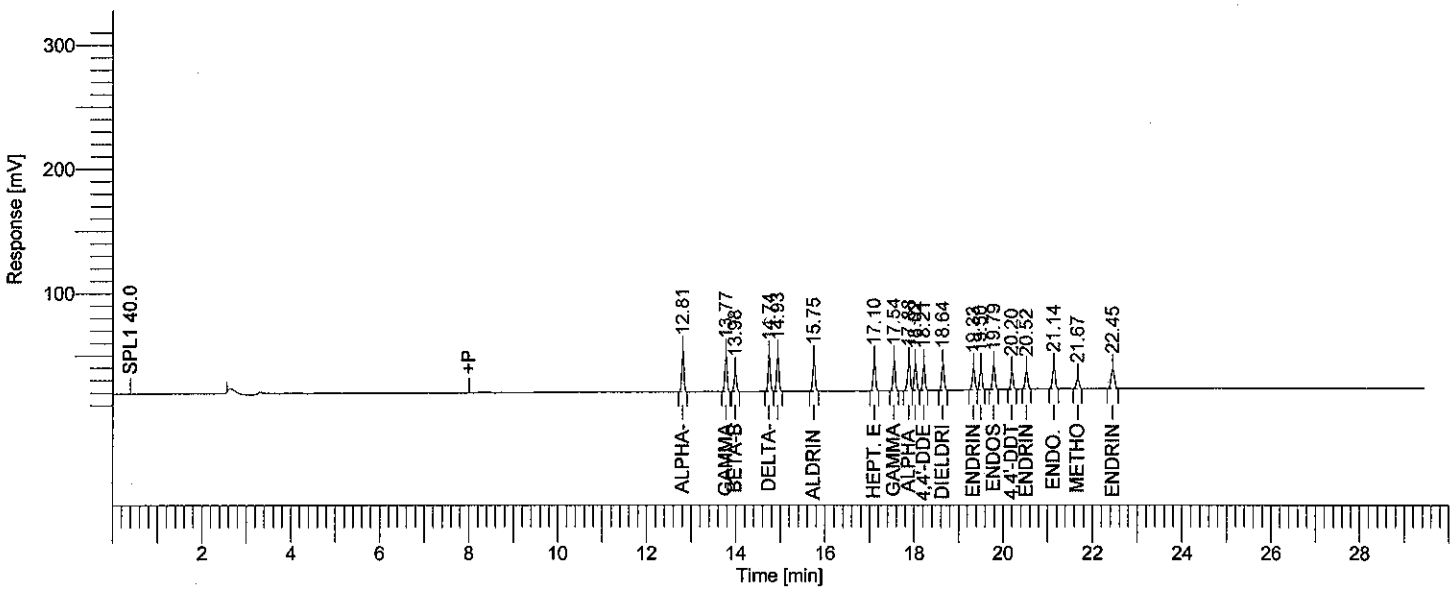
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.74	2505		B	0.00251	868.50
2	10.48	4581		B	0.00458	1227.98
4	12.82	692901	alpha-BHC (2C)	B	0.05000	209761.45
5	13.78	628265	gamma-BHC (2C)	B	0.05000	181864.74
6	13.99	274557	beta-BHC (2C)	B	0.05000	76912.28
7	14.75	609220	delta-BHC (2C)	B	0.05000	174459.87
8	14.94	569915	Heptachlor (2C)	B	0.05000	162908.51
9	15.75	509857	Aldrin (2C)	B	0.05000	145746.10
10	16.71	4373		B	0.00437	1209.12
11	17.11	475921	Hept. epoxide (2C)	B	0.05000	128536.19
12	17.55	468634	gamma chlordane (2C)	B	0.05000	128488.28
13	17.88	450267	alpha chlordane (2C)	B	0.05000	121564.77
14	18.03	424131	Endosulfan I (2C)	V	0.05000	112848.18
15	18.22	427277	4,4'-DDE (2C)	B	0.05000	124388.59
16	18.65	451139	Dieldrin (2C)	B	0.05000	119291.97
17	19.34	365582	Endrin (2C)	B	0.05000	92776.64
18	19.50	346075	4,4'-DDD (2C)	V	0.05000	96045.83
19	19.79	383984	Endosulfan II (2C)	B	0.05000	95912.53
20	20.20	314818	4,4'-DDT (2C)	B	0.05000	86468.35
21	20.52	288067	Endrin aldehyde (2C)	B	0.05000	70354.96
22	20.78	4426		B	0.00443	998.14
23	21.14	365378	Endo. Sulfate (2C)	B	0.05000	87432.23

07/24/2009 07:24:01 Result: H:\TURBO6\6890-06\6-seq42\6b42009.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
24	21.67	177566	Methoxychlor (2C)	B	0.05000	43531.81
25	22.21	2109		B	0.00211	525.81
26	22.45	414075	Endrin ketone (2C)	B	0.05000	83906.04
27	29.05	19765		B	0.01976	2091.23
		8675389			1.03776	2.35e+06

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:24:05
Reprocess Number	: buf1938: 102852		
Operator	: tchrom	Sample Name	: 9071083
Sample Number	:	Study	: ICAL 0.01
AutoSampler	: BUILT-IN	Rack/Vial	: 1/10
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 17:50:35	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6-seq42\6b42010.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6b42010.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6b42010.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-seq42\6b42010.rst
Calib Method : h:\turbo6\6890-06\6b-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6b42010.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq

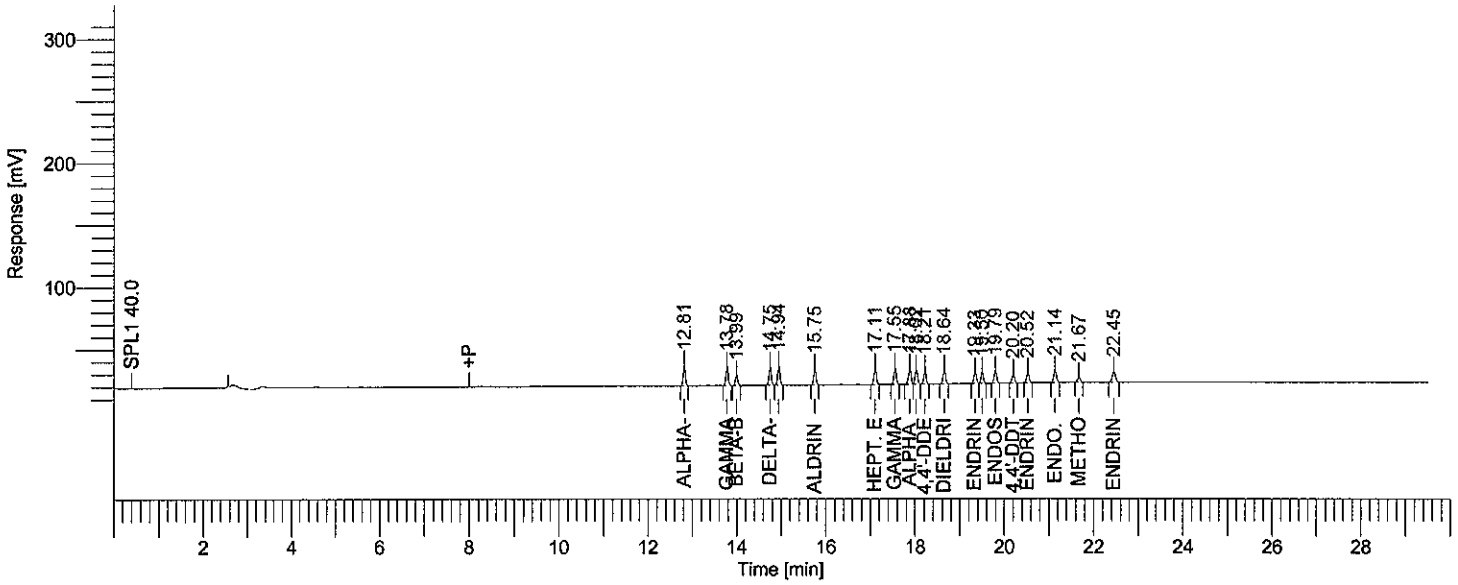


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	12.81	111801	alpha-BHC (2C)	B	0.01000	33154.31
2	13.77	106466	gamma-BHC (2C)	B	0.01000	30354.75
3	13.98	55319	beta-BHC (2C)	B	0.01000	15428.84
4	14.74	101551	delta-BHC (2C)	B	0.01000	28653.74
5	14.93	103561	Heptachlor (2C)	B	0.01000	29129.76
6	15.75	89691	Aldrin (2C)	B	0.01000	24771.26
7	17.10	91165	Hept. epoxide (2C)	B	0.01000	24192.77
8	17.54	90706	gamma chlordane (2C)	B	0.01000	23970.13
9	17.88	93112	alpha chlordane (2C)	B	0.01000	22817.63
10	18.02	81985	Endosulfan I (2C)	V	0.01000	21270.77
11	18.21	76012	4,4'-DDE (2C)	B	0.01000	21421.05
12	18.64	82757	Dieldrin (2C)	B	0.01000	21290.14
13	19.33	68369	Endrin (2C)	B	0.01000	17102.75
14	19.50	62663	4,4'-DDD (2C)	V	0.01000	17234.02
15	19.79	74935	Endosulfan II (2C)	B	0.01000	18512.62
16	20.20	53037	4,4'-DDT (2C)	B	0.01000	14386.39
17	20.52	57635	Endrin aldehyde (2C)	B	0.01000	14045.24
18	21.14	72802	Endo. Sulfate (2C)	B	0.01000	17121.97
19	21.67	32421	Methoxychlor (2C)	B	0.01000	8154.20
20	22.45	78100	Endrin ketone (2C)	B	0.01000	15715.54
		1584087			0.20000	418727.86

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:24:10
Reprocess Number	: buf1938: 102854		
Operator	: tchrom	Sample Name	: 9071084
Sample Number	:	Study	: ICAL 0.005
AutoSampler	: BUILT-IN	Rack/Vial	: 1/11
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 18:26:42	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6-seq42\6b42011.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6b42011.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6b42011.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-seq42\6b42011.rst
Calib Method : h:\turbo6\6890-06\6b-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6b42011.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq

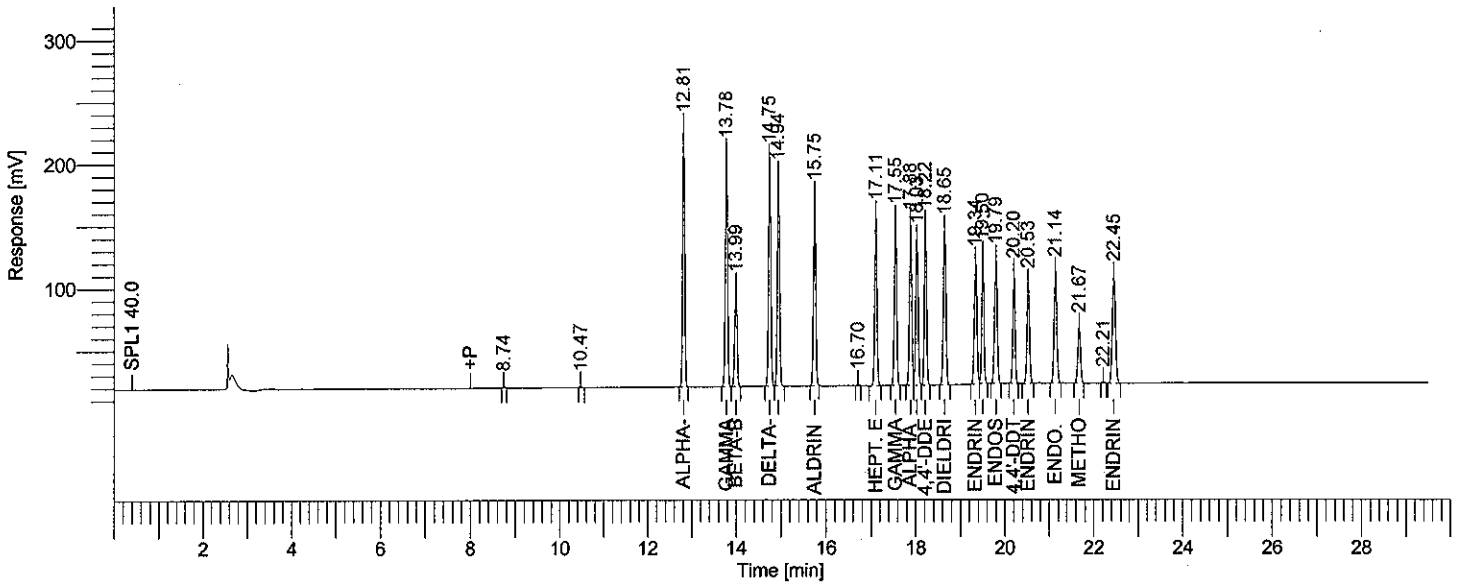


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	12.81	55059	alpha-BHC (2C)	B	0.00500	16237.12
2	13.78	54029	gamma-BHC (2C)	B	0.00500	15296.92
3	13.99	28928	beta-BHC (2C)	B	0.00500	8211.24
4	14.75	51371	delta-BHC (2C)	B	0.00500	14458.46
5	14.94	54133	Heptachlor (2C)	B	0.00500	15262.75
6	15.75	46391	Aldrin (2C)	B	0.00500	12929.16
7	17.11	48057	Hept. epoxide (2C)	B	0.00500	12821.79
8	17.55	48723	gamma chlordane (2C)	B	0.00500	12867.95
9	17.88	52574	alpha chlordane (2C)	B	0.00500	12358.20
10	18.02	43147	Endosulfan I (2C)	V	0.00500	11301.33
11	18.21	39114	4,4'-DDE (2C)	B	0.00500	11123.79
12	18.64	42812	Dieldrin (2C)	B	0.00500	11106.05
13	19.33	34827	Endrin (2C)	B	0.00500	8825.28
14	19.50	32014	4,4'-DDD (2C)	V	0.00500	8907.43
15	19.79	39654	Endosulfan II (2C)	B	0.00500	9873.61
16	20.20	26169	4,4'-DDT (2C)	B	0.00500	7224.77
17	20.52	30800	Endrin aldehyde (2C)	B	0.00500	7607.28
18	21.14	38792	Endo. Sulfate (2C)	B	0.00500	9242.55
19	21.67	16136	Methoxychlor (2C)	B	0.00500	4126.55
20	22.45	40685	Endrin ketone (2C)	B	0.00500	8285.08
		823413			0.10000	218067.30

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:42:20
Reprocess Number	: buf1938: 102862		
Operator	: tchrom	Sample Name	: 9030626
Sample Number	:	Study	: 2nd Source
AutoSampler	: BUILT-IN	Rack/Vial	: 1/12
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 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	: 07/23/2009 19:02:28	Cycle	: 1

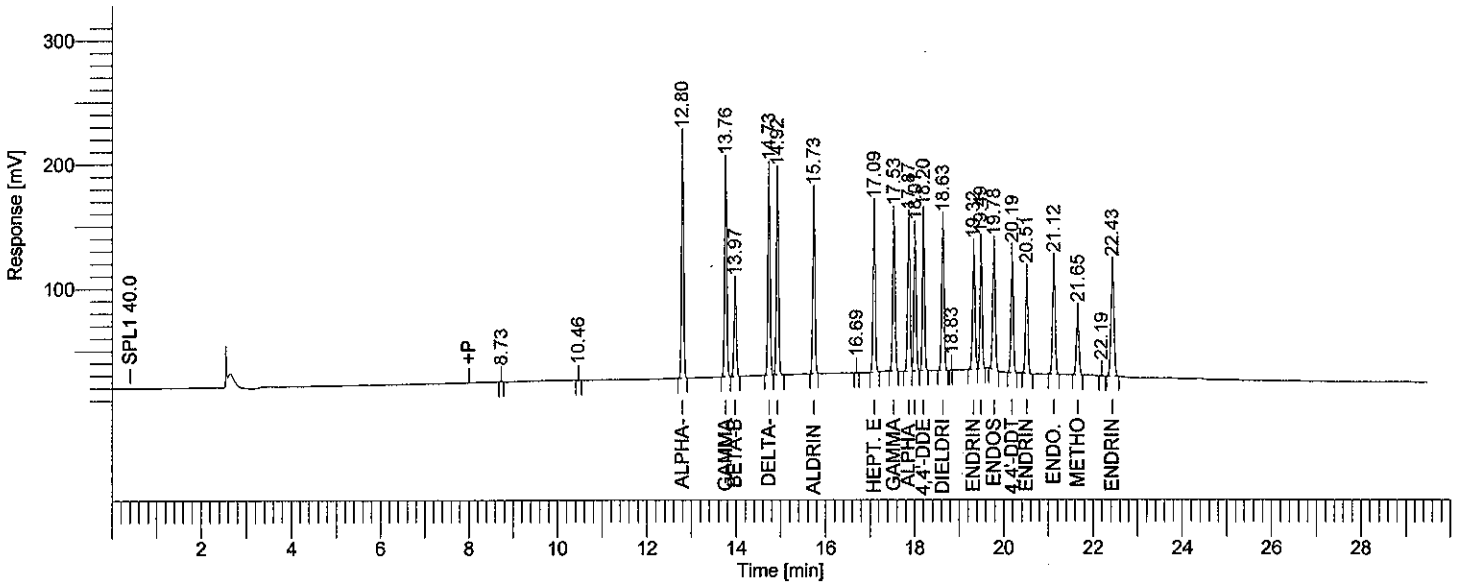
Raw Data File : H:\TURBO6\6890-06\6-seq42\6b42012.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6b42012.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6b42012.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-seq42\6b42012.rst
Calib Method : h:\turbo6\6890-06\6b-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6b42012.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
12.81	BB	691199	alpha-BHC (2C)	0.04838	208398.69	-3.2	12.76 -	12.86
13.78	BB	645712	gamma-BHC (2C)	0.05037	187254.17	0.7	13.73 -	13.83
13.99	BB	284178	beta-BHC (2C)	0.05265	79576.40	5.3	13.94 -	14.04
14.75	BB	635328	delta-BHC (2C)	0.05079	183049.18	1.6	14.70 -	14.80
14.94	BB	588361	Heptachlor (2C)	0.05112	168844.47	2.2	14.89 -	14.99
15.75	BB	534981	Aldrin (2C)	0.05134	152224.53	2.7	15.70 -	15.80
17.11	BB	505521	Hept. epoxide (2C)	0.05284	136687.97	5.7	17.06 -	17.16
17.55	BB	483562	gamma chlordane (2C)	0.05102	132895.35	2.0	17.50 -	17.60
17.88	BV	473550	alpha chlordane (2C)	0.05227	128218.93	4.5	17.83 -	17.93
18.03	VB	441874	Endosulfan I (2C)	0.05216	117272.17	4.3	17.98 -	18.08
18.22	BB	447197	4,4'-DDE (2C)	0.05134	128817.88	2.7	18.17 -	18.27
18.65	BB	471146	Dieldrin (2C)	0.05150	124511.32	3.0	18.60 -	18.70
19.34	BV	384887	Endrin (2C)	0.05200	97940.09	4.0	19.29 -	19.39
19.50	VB	368786	4,4'-DDD (2C)	0.05249	102503.43	5.0	19.45 -	19.55
19.79	BB	398657	Endosulfan II (2C)	0.05273	99505.61	5.5	19.74 -	19.84
20.20	BB	322620	4,4'-DDT (2C)	0.05069	88350.53	1.4	20.15 -	20.25
20.53	BB	329841	Endrin aldehyde (2C)	0.05942	80268.10	18.8	20.48 -	20.58
21.14	BB	372688	Endo. Sulfate (2C)	0.05272	89106.83	5.4	21.09 -	21.19
21.67	BB	180550	Methoxychlor (2C)	0.05318	44181.16	6.4	21.62 -	21.72
22.45	BB	423733	Endrin ketone (2C)	0.05239	85376.55	4.8	22.40 -	22.50
		8984373		1.04138	2.43e+06			

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 09:03:31
Reprocess Number	: buf1938: 102870		
Operator	: tchrom	Sample Name	: 9030626
Sample Number	:	Study	: 2nd Source
AutoSampler	: BUILT-IN	Rack/Vial	: 1/13
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 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	: 07/24/2009 07:56:26	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-seq42\6b42013.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6b42013.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6b42013.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-seq42\6b42013.rst
Calib Method : h:\turbo6\6890-06\6b-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6b42013.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
12.80	BB	616821	alpha-BHC (2C)	0.04352	188497.81	-13.0	12.75 -	12.85
13.76	BB	559808	gamma-BHC (2C)	0.04399	166234.43	-12.0	13.71 -	13.81
13.97	BB	238119	beta-BHC (2C)	0.04408	68466.07	-11.8	13.92 -	14.02
14.73	BB	550916	delta-BHC (2C)	0.04441	160159.44	-11.2	14.68 -	14.78
14.92	BB	534073	Heptachlor (2C)	0.04653	155736.51	-6.9	14.87 -	14.97
15.73	BB	482121	Aldrin (2C)	0.04647	139114.58	-7.1	15.68 -	15.78
17.09	BB	461130	Hept. epoxide (2C)	0.04827	127154.95	-3.5	17.04 -	17.14
17.53	BB	435947	gamma chlordane (2C)	0.04609	120838.80	-7.8	17.48 -	17.58
17.87	BV	426961	alpha chlordane (2C)	0.04713	117332.66	-5.7	17.82 -	17.92
18.01	VB	399968	Endosulfan I (2C)	0.04727	108720.71	-5.5	17.96 -	18.06
18.20	BB	406326	4,4'-DDE (2C)	0.04682	119979.50	-6.4	18.15 -	18.25
18.63	BB	429353	Dieldrin (2C)	0.04707	115006.25	-5.9	18.58 -	18.68
19.32	BV	359862	Endrin (2C)	0.04871	92453.91	-2.6	19.27 -	19.37
19.49	VB	341596	4,4'-DDD (2C)	0.04874	96073.40	-2.5	19.44 -	19.54
19.78	BB	378134	Endosulfan II (2C)	0.05001	95357.97	0.0	19.73 -	19.83
20.19	BB	328795	4,4'-DDT (2C)	0.05162	92090.67	3.2	20.14 -	20.24
20.51	BB	300613	Endrin aldehyde (2C)	0.05409	76002.56	8.2	20.46 -	20.56
21.12	BB	350591	Endo. Sulfate (2C)	0.04955	85279.74	-0.9	21.07 -	21.17
21.65	BB	182993	Methoxychlor (2C)	0.05390	46113.92	7.8	21.60 -	21.70
22.43	BB	406365	Endrin ketone (2C)	0.05025	83806.06	0.5	22.38 -	22.48
		8190493		0.95852	2.25e+06			

TotalChrom Method File H:\TURBO6\6890-06\6a-SURR-(07-23-09).mth
Printed by : BescoD on: 07/24/2009 07:15:34
Created by : BescoD on: 07/24/2009 07:04:10
Edited by : BescoD on: 07/24/2009 07:15:29
Number of Times Edited : 7
Number of Times Calibrated : 2621
Description: SURR CURVE 07-23-09

Processed by: DJB 7/24/09
Reviewed by: DJB 8/24/09

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 : 9.632 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	74829.60	22864.07	----------	----------	1
B	0.0100	152166.80	46100.50	----------	----------	1
C	0.0500	807581.00	252735.28	----------	----------	1
D	0.0750	1208116.30	378938.71	----------	----------	1
E	0.1000	1752098.20	548862.85	----------	----------	1

Calibration Curve : y = (-30831.080684) + (17287280.430906)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.996334

Decachlorobiphenyl
Component Type : Single Peak Component
Retention Time : 22.684 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

07/24/2009 07:15:34 Method: H:\TURBO6\6890-06\6a-SURR-(07-23-09).mth

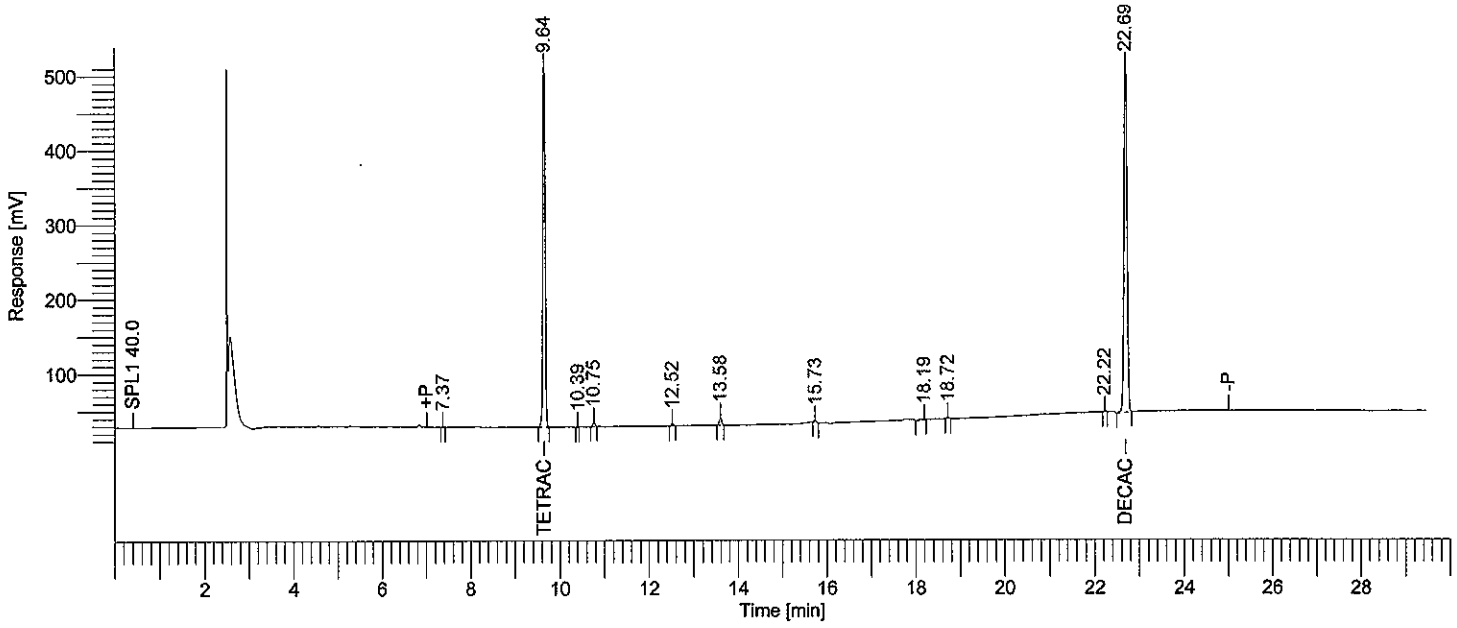
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	118976.00	26164.22	----------	----------	1
B	0.0100	245628.40	51886.43	----------	----------	1
C	0.0500	1106049.50	239588.13	----------	----------	1
D	0.0750	1746547.80	376371.55	----------	----------	1
E	0.1000	2227042.20	494712.11	----------	----------	1

Calibration Curve : y = (13839.661664) + (22396023.298663)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998705

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:13:57
Reprocess Number	: buf1938: 102835		
Operator	: tchrom	Sample Name	: 9030661
Sample Number	:	Study	: ICAL 0.10
AutoSampler	: BUILT-IN	Rack/Vial	: 1/2
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 13:03:00	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-seq42\6A42002.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6A42002.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6A42002.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-seq42\6A42002.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6A42002.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq

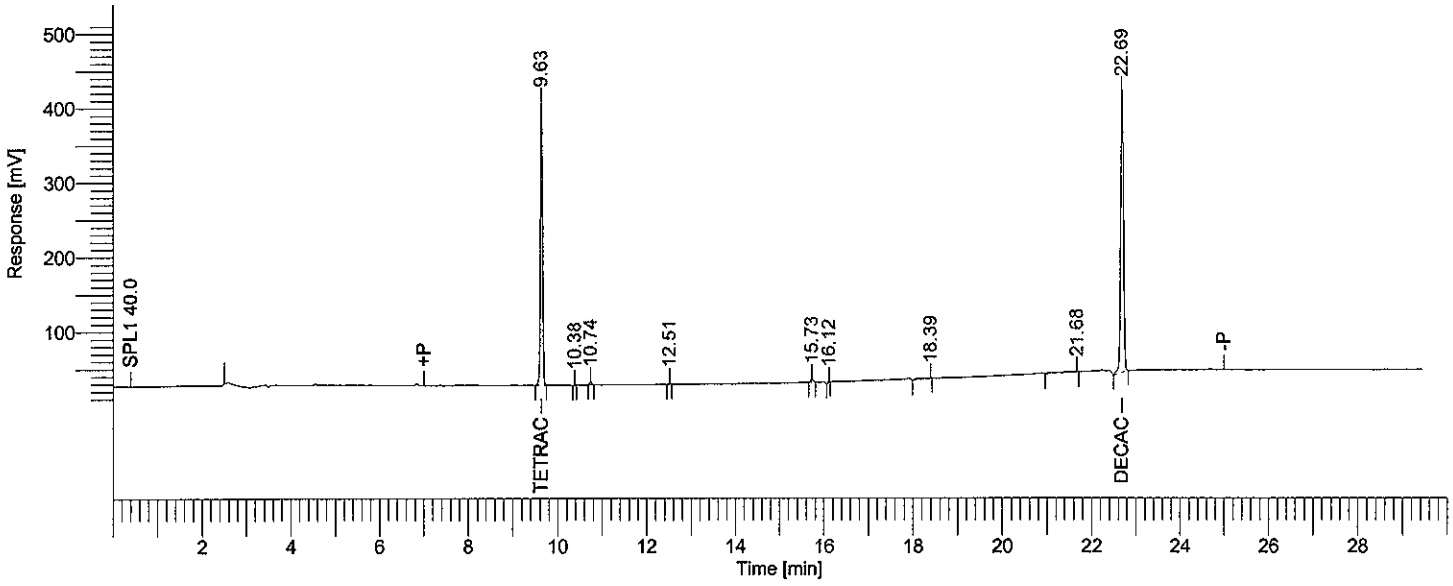


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.37	3136		B	0.00314	1094.15
2	9.64	1752098	Tetrachloro-m-xylene	B	0.10000	548862.85
4	10.75	18238		B	0.01824	5591.00
5	12.52	9614		B	0.00961	2923.58
6	13.58	38283		B	0.03828	10317.32
7	15.73	9538		B	0.00954	2623.47
8	18.19	11009		B	0.01101	402.10
9	18.72	6576		B	0.00658	1767.16
10	22.22	3932		B	0.00393	1044.76
11	22.69	2227042	Decachlorobiphenyl	B	0.10000	494712.11
		4079467			0.30033	1.07e+06

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:14:02
Reprocess Number	: buf1938: 102837		
Operator	: tchrom	Sample Name	: 9030660
Sample Number	:	Study	: ICAL 0.075
AutoSampler	: BUILT-IN	Rack/Vial	: 1/3
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.44 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 13:39:00	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-seq42\6A42003.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6A42003.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6A42003.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-seq42\6A42003.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6A42003.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq

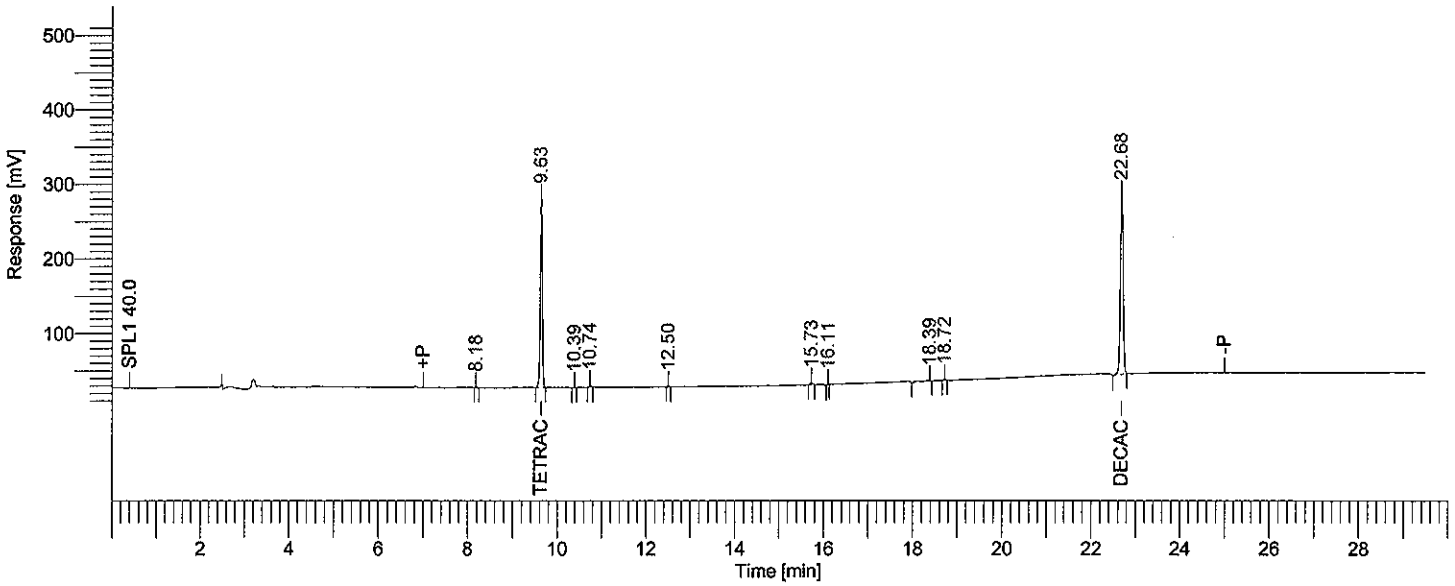


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.63	1208116	Tetrachloro-m-xylene	B	0.07500	378938.71
3	10.74	13444		B	0.01344	4103.94
4	12.51	6580		B	0.00658	2062.19
5	15.73	15479		B	0.01548	4187.31
6	16.12	2841		B	0.00284	819.46
7	18.39	26732		B	0.02673	325.99
8	21.68	28403		B	0.02840	204.19
9	22.69	1746548	Decachlorobiphenyl	B	0.07500	376371.55
		3048142			0.24348	767013.34

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:14:07
Reprocess Number	: buf1938: 102839		
Operator	: tchrom	Sample Name	: 9061646
Sample Number	:	Study	: ICAL 0.05
AutoSampler	: BUILT-IN	Rack/Vial	: 1/4
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 14:14:53	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6-seq42\6A42004.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6A42004.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6A42004.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-seq42\6A42004.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6A42004.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq

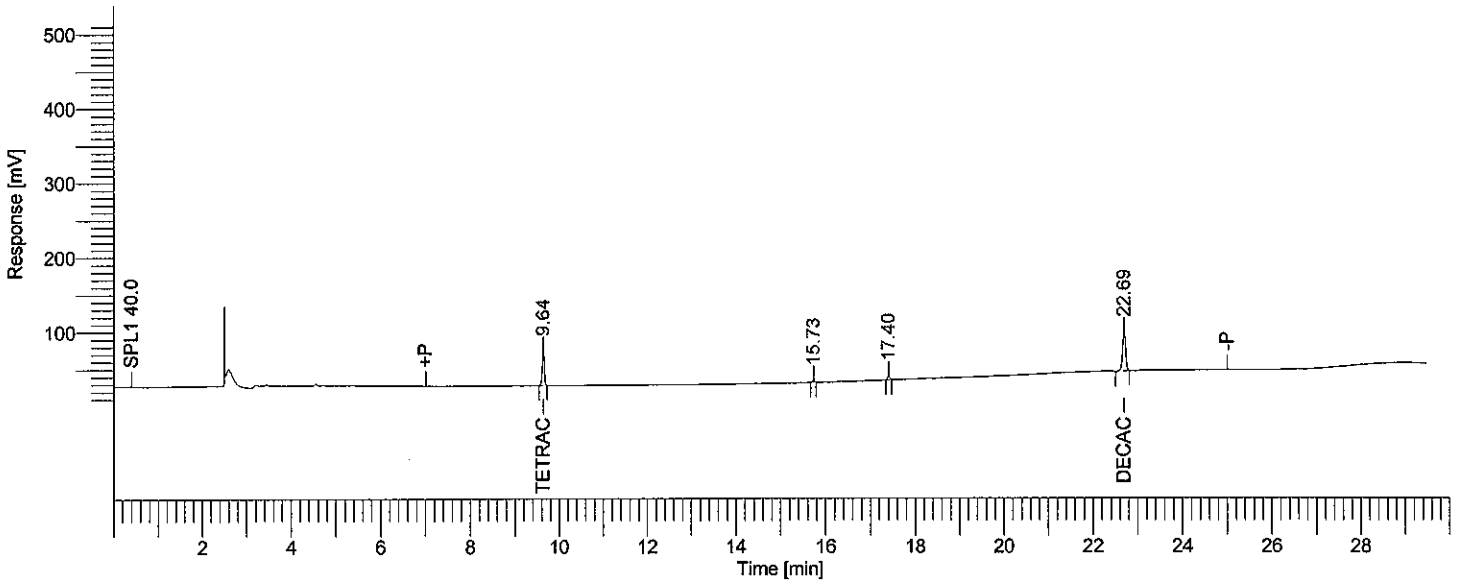


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.18	3047		B	0.00305	1107.56
2	9.63	807581	Tetrachloro-m-xylene	B	0.05000	252735.28
3	10.39	1873		B	0.00187	471.89
4	10.74	9051		B	0.00905	2821.70
5	12.50	3893		B	0.00389	1328.68
6	15.73	8178		B	0.00818	2329.27
7	16.11	1854		B	0.00185	607.24
8	18.39	20521		B	0.02052	297.69
9	18.72	4096		B	0.00410	1294.73
10	22.68	1106049	Decachlorobiphenyl	B	0.05000	239588.13
		1966144			0.15251	502582.17

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:14:11
Reprocess Number	: buf1938: 102841		
Operator	: tchrom	Sample Name	: 9071081
Sample Number	:	Study	: ICAL 0.01
AutoSampler	: BUILT-IN	Rack/Vial	: 1/5
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 14:50:54	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6-seq42\6A42005.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6A42005.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6A42005.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-seq42\6A42005.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6A42005.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq

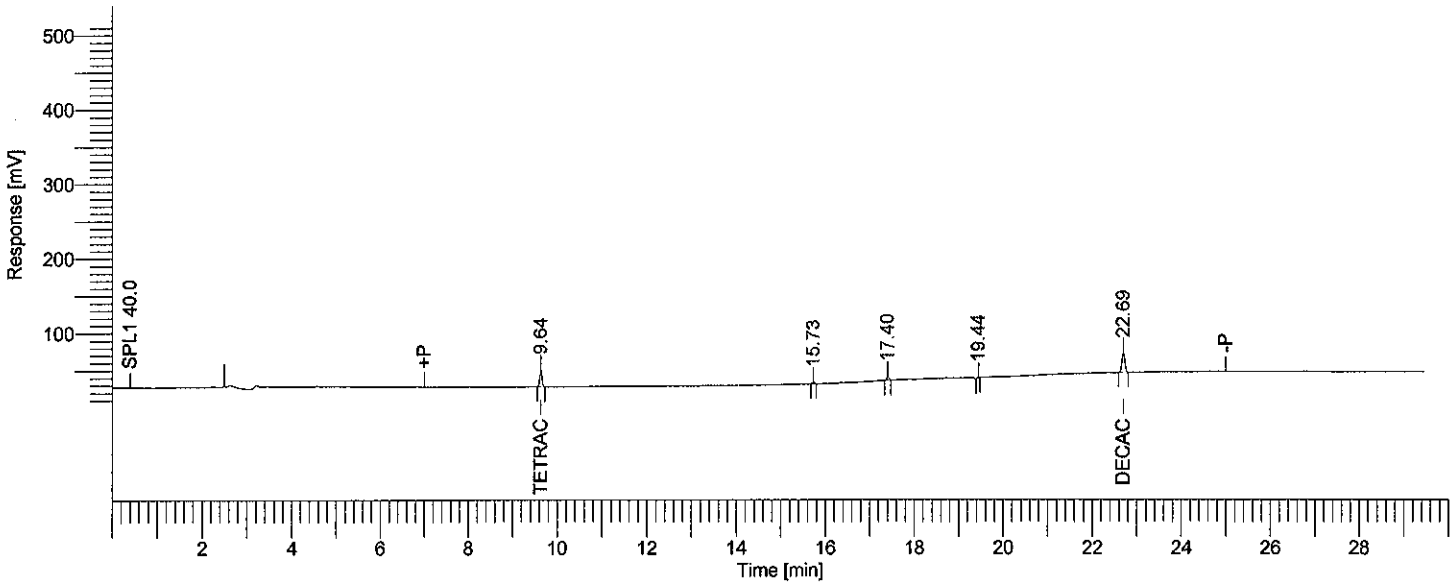


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.64	152167	Tetrachloro-m-xylene	B	0.01000	46100.50
2	15.73	7296		B	0.00730	2034.73
3	17.40	15649		B	0.01565	5161.87
4	22.69	245628	Decachlorobiphenyl	B	0.01000	51886.43
		420741			0.04295	105183.53

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:14:15
Reprocess Number	: buf1938: 102843		
Operator	: tchrom	Sample Name	: 9071082
Sample Number	:	Study	: ICAL 0.005
AutoSampler	: BUILT-IN	Rack/Vial	: 1/6
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.46 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 15:26:47	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6-seq42\6A42006.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6A42006.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6A42006.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-seq42\6A42006.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6A42006.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.64	74830	Tetrachloro-m-xylene	B	0.00500	22864.07
2	15.73	5929		B	0.00593	1658.15
3	17.40	15641		B	0.01564	5109.06
4	19.44	3596		B	0.00360	868.36
5	22.69	118976	Decachlorobiphenyl	B	0.00500	26164.22
		218971			0.03517	56663.86

TotalChrom Method File H:\TURBO6\6890-06\6B-SURR-(07-23-09).mth <Modified>
Printed by : BescoD on: 07/24/2009 07:16:20
Created by : BescoD on: 07/24/2009 07:05:59
Edited by : BescoD on: 07/24/2009 07:16:20
Number of Times Edited : 3
Number of Times Calibrated : 2651
Description: SURR CURVE 07-23-09

Processed by: DJB 7/24/09
Reviewed by: DJB 8/24/09

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 (2C)
Component Type : Single Peak Component
Retention Time : 11.023 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	47433.20	13846.07	----------	----------	1
B	0.0100	95838.10	27711.09	----------	----------	1
C	0.0500	464074.20	137169.79	----------	----------	1
D	0.0750	692870.40	207011.55	----------	----------	1
E	0.1000	1012138.70	302459.69	----------	----------	1

Calibration Curve : y = (-12432.280238) + (9893816.671620)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.995296

Decachlorobiphenyl (2C)
Component Type : Single Peak Component
Retention Time : 26.109 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

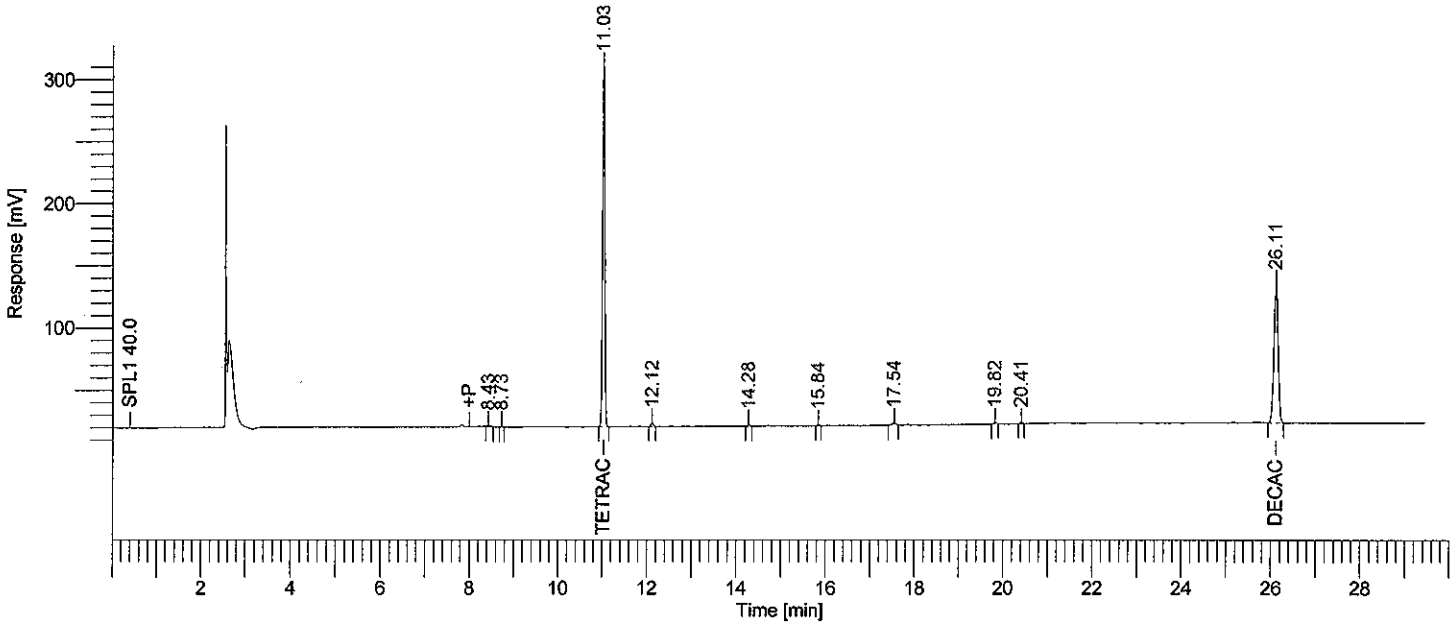
07/24/2009 07:16:20 Method: H:\TURBO6\6890-06\6B-SURR-(07-23-09).mth

Calibration Level Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	44969.20	6972.26	----------	----------	1
B	0.0100	86907.60	13227.46	----------	----------	1
C	0.0500	369957.00	56001.63	----------	----------	1
D	0.0750	554229.60	84198.18	----------	----------	1
E	0.1000	719192.50	110780.41	----------	----------	1

Calibration Curve : y = (13659.497623) + (7112326.716196)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999687

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:14:00
Reprocess Number	: buf1938: 102836		
Operator	: tchrom	Sample Name	: 9030661
Sample Number	:	Study	: ICAL 0.10
AutoSampler	: BUILT-IN	Rack/Vial	: 1/2
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 13:03:00	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-seq42\6b42002.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6b42002.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6b42002.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-seq42\6b42002.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6b42002.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq

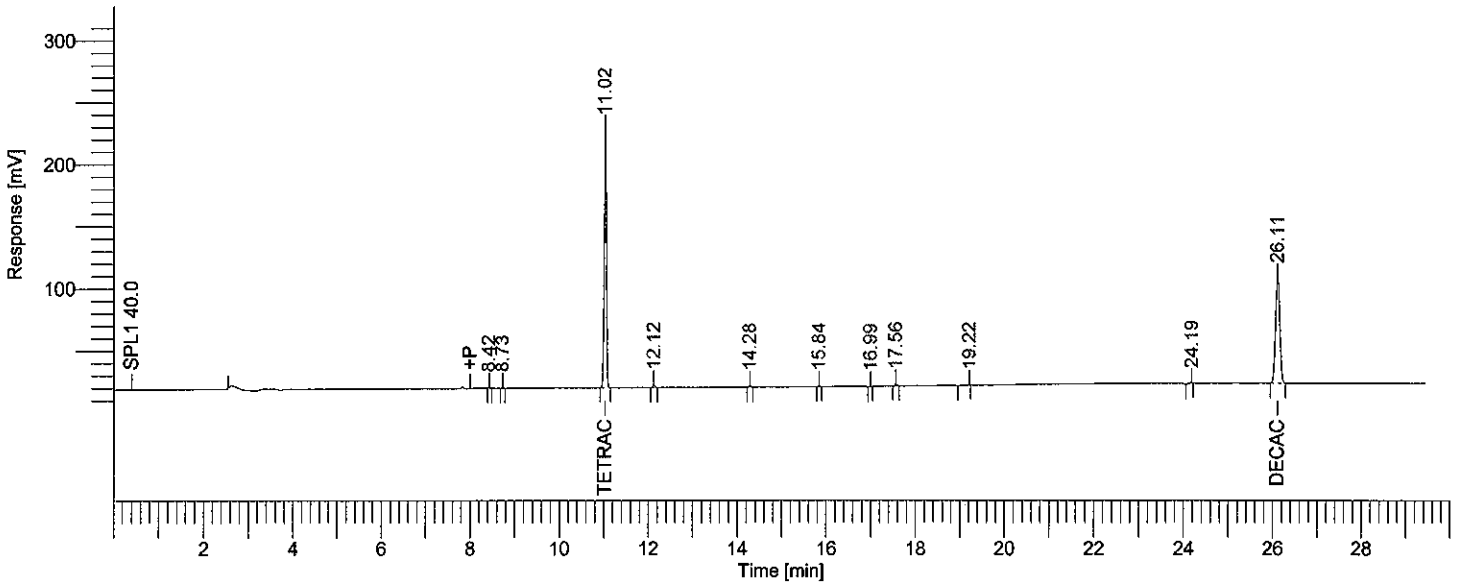


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.43	3108		B	0.00311	699.05
2	8.73	2740		B	0.00274	983.38
3	11.03	1012139	Tetrachloro-m-xylene (	B	0.10000	302459.69
4	12.12	10146		B	0.01015	2946.19
5	14.28	5097		B	0.00510	1403.47
6	15.84	2422		B	0.00242	694.12
7	17.54	9666		B	0.00967	1533.48
8	19.82	3201		B	0.00320	645.64
9	20.41	2478		B	0.00248	732.12
10	26.11	719193	Decachlorobiphenyl (2C	B	0.10000	110780.41
		1770189			0.23886	422877.54

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:14:05
Reprocess Number	: buf1938: 102838		
Operator	: tchrom	Sample Name	: 9030660
Sample Number	:	Study	: ICAL 0.075
AutoSampler	: BUILT-IN	Rack/Vial	: 1/3
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.44 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 13:39:00	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-seq42\6b42003.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6b42003.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6b42003.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-seq42\6b42003.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6b42003.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq

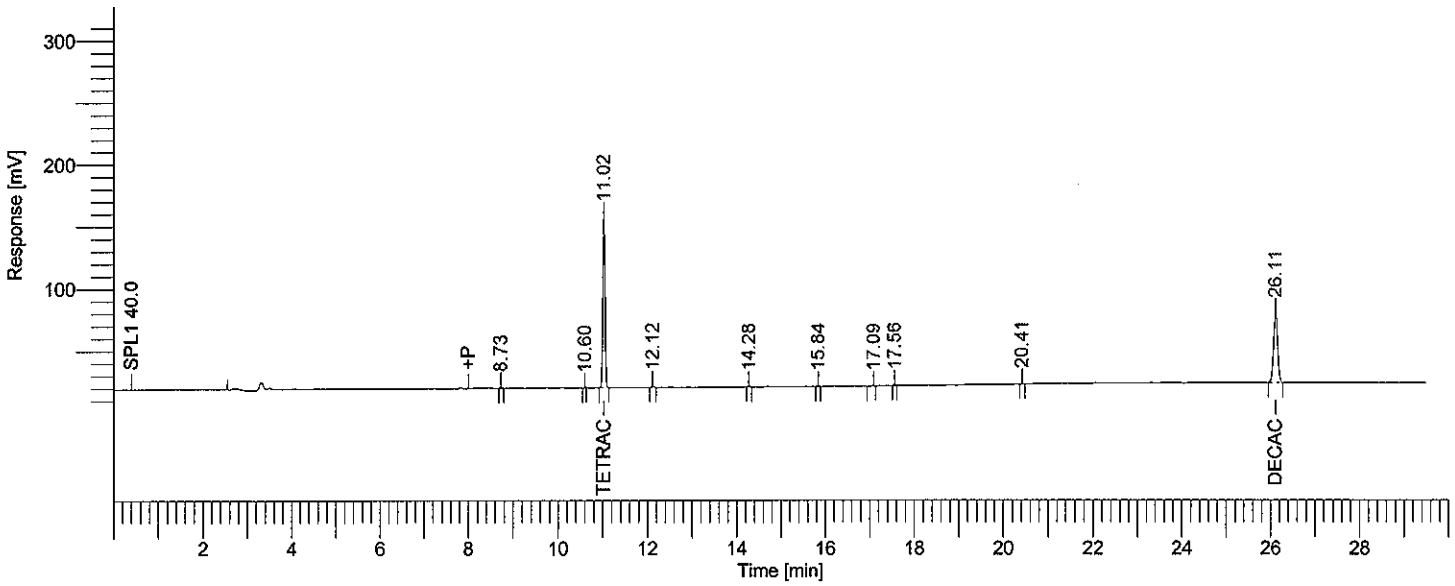


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
2	8.73	2676		B	0.00268	965.72
3	11.02	692870	Tetrachloro-m-xylene (	B	0.07500	207011.55
4	12.12	7461		B	0.00746	2141.62
5	14.28	3496		B	0.00350	1017.25
6	15.84	2523		B	0.00252	771.06
8	17.56	4010		B	0.00401	1068.61
9	19.22	3514		B	0.00351	163.79
10	24.19	2145		B	0.00214	154.71
11	26.11	554230	Decachlorobiphenyl (2C	B	0.07500	84198.18
		1272925			0.17583	297492.51

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:14:09
Reprocess Number	: buf1938: 102840		
Operator	: tchrom	Sample Name	: 9061646
Sample Number	:	Study	: ICAL 0.05
AutoSampler	: BUILT-IN	Rack/Vial	: 1/4
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 14:14:53	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6-seq42\6b42004.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6b42004.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6b42004.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-seq42\6b42004.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6b42004.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq

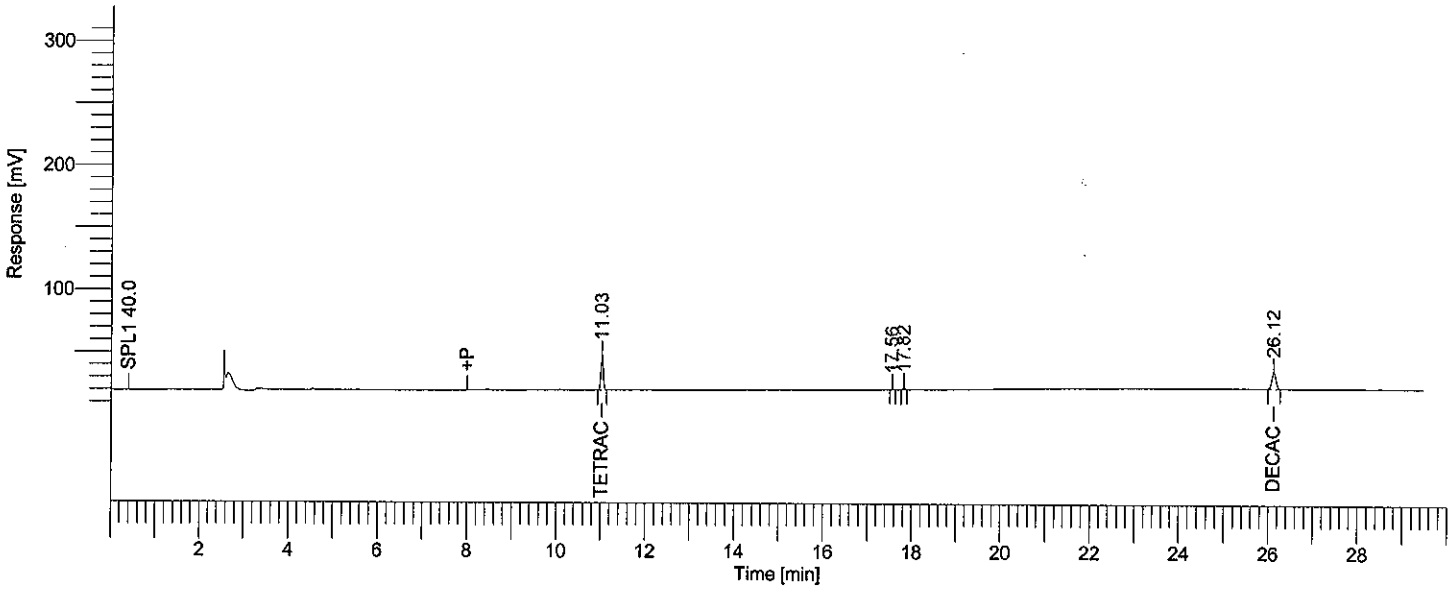


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.73	2932		B	0.00293	1017.71
3	11.02	464074	Tetrachloro-m-xylene (	B	0.05000	137169.79
4	12.12	5112		B	0.00511	1468.32
5	14.28	2183		B	0.00218	666.50
6	15.84	1804		B	0.00180	550.83
7	17.09	2037		B	0.00204	110.97
8	17.56	1585		B	0.00158	483.31
10	26.11	369957	Decachlorobiphenyl (2C	B	0.05000	56001.63
		849684			0.11565	197469.07

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:14:13
Reprocess Number	: buf1938: 102842		
Operator	: tchrom	Sample Name	: 9071081
Sample Number	:	Study	: ICAL 0.01
AutoSampler	: BUILT-IN	Rack/Vial	: 1/5
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 14:50:54	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6-seq42\6b42005.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6b42005.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6b42005.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-seq42\6b42005.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6b42005.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq

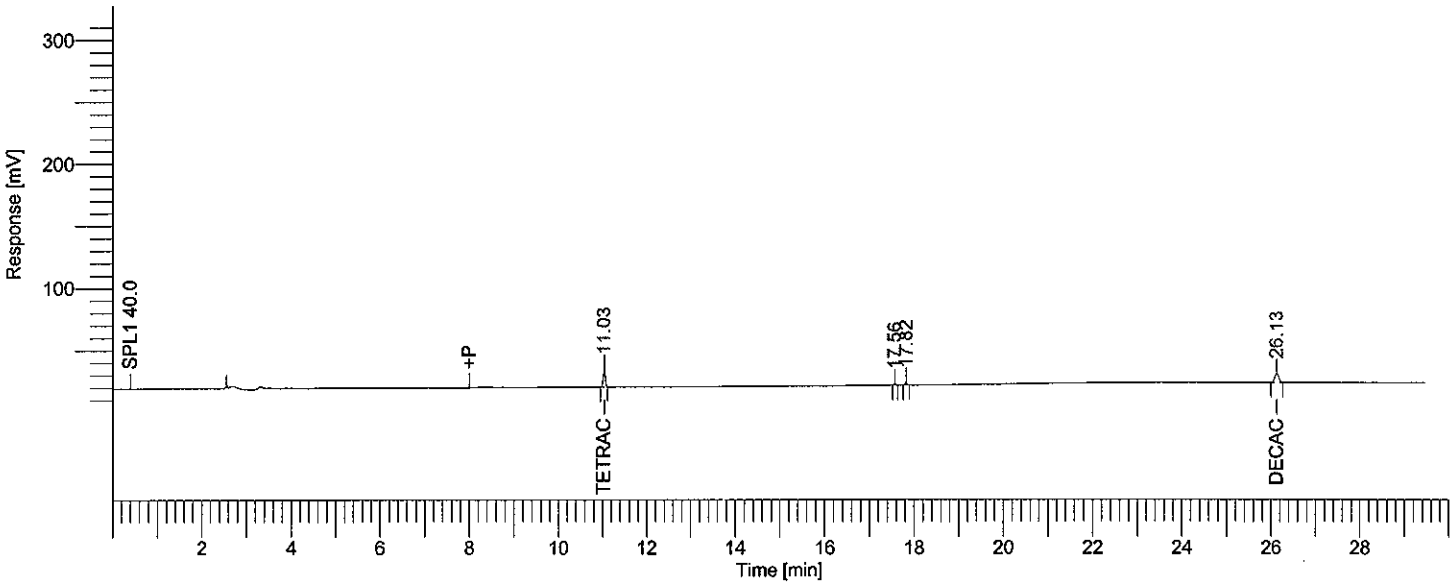


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	11.03	95838	Tetrachloro-m-xylene (	B	0.01000	27711.09
2	17.56	2427		B	0.00243	662.29
3	17.82	5206		B	0.00521	1726.79
4	26.12	86908	Decachlorobiphenyl (2C	B	0.01000	13227.46
		190378			0.02763	43327.63

Software Version	: 6.2.1.0.104:0104	Date	: 07/24/2009 07:14:16
Reprocess Number	: buf1938: 102844		
Operator	: tchrom	Sample Name	: 9071082
Sample Number	:	Study	: ICAL 0.005
AutoSampler	: BUILT-IN	Rack/Vial	: 1/6
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.46 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 07/23/2009 15:26:47	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6-seq42\6b42006.raw <Modified>
Result File : H:\TURBO6\6890-06\6-seq42\6b42006.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-seq42\6b42006.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-seq42\6b42006.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(07-23-09).mth from H:\TURBO6\6890-06\6-seq42\6b42006.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6D-42.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	11.03	47433	Tetrachloro-m-xylene (	B	0.00500	13846.07
2	17.56	1899		B	0.00190	531.79
3	17.82	5468		B	0.00547	1748.99
4	26.13	44969	Decachlorobiphenyl (2C	B	0.00500	6972.26
		99769			0.01737	23099.12

TotalChrom Method File H:\TURBO6\6890-06\6a-(09-28-09).mth
Printed by : NearyM on: 09/28/2009 14:38:20
Created by : NearyM on: 09/28/2009 14:26:29
Edited by : NearyM on: 09/28/2009 14:38:14
Number of Times Edited : 2
Number of Times Calibrated : 2656
Description: CURVE 07-23-09

Processed by: MN 9 28 09
Reviewed by: SEP 29 2009

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 : 10.743 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	151927.00	49170.41	----------	----------	1
B	0.0100	314234.40	102805.18	----------	----------	1
C	0.0500	1933570.80	639100.91	----------	----------	1
D	0.1000	4010065.10	1.31e+06	----------	----------	1
E	0.1500	5797158.90	1.89e+06	----------	----------	1

Calibration Curve : y = (-41182.426975) + (39405929.784135)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999198

gamma-BHC
Component Type : Single Peak Component
Retention Time : 11.590 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%

09/28/2009 14:38:20 Method: H:\TURBO6\6890-06\6a-(09-28-09).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	145445.10	45737.04	----------	----------	1
B	0.0100	296382.80	93617.40	----------	----------	1
C	0.0500	1755205.80	559673.93	----------	----------	1
D	0.1000	3616315.24	1.15e+06	----------	----------	1
E	0.1500	5333639.79	1.68e+06	----------	----------	1

Calibration Curve : y = (-41853.472536) + (36051605.394861)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999777

beta-BHC
Component Type : Single Peak Component
Retention Time : 11.839 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	73550.60	22619.96	----------	----------	1
B	0.0100	141567.40	43178.96	----------	----------	1
C	0.0500	726066.60	224381.24	----------	----------	1
D	0.1000	1444746.50	449159.83	----------	----------	1
E	0.1500	2116347.50	666554.68	----------	----------	1

Calibration Curve : y = (8354.355233) + (14160338.622567)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999717

delta-BHC
Component Type : Single Peak Component
Retention Time : 12.280 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	137282.00	42738.23	----------	----------	1
B	0.0100	285536.20	89319.43	----------	----------	1
C	0.0500	1761227.40	554518.52	----------	----------	1
D	0.1000	3654456.60	1.14e+06	----------	----------	1
E	0.1500	5494271.60	1.73e+06	----------	----------	1

Calibration Curve : y = (-72133.889898) + (37122041.535057)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999930

Heptachlor
Component Type : Single Peak Component
Retention Time : 12.799 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	151737.70	47866.25	----------	----------	1
B	0.0100	302559.80	93908.45	----------	----------	1
C	0.0500	1690219.90	536977.86	----------	----------	1
D	0.1000	3381776.20	1.06e+06	----------	----------	1
E	0.1500	4979244.00	1.55e+06	----------	----------	1

Calibration Curve : y = (-7869.579182) + (33475825.799284)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999756

Aldrin
Component Type : Single Peak Component
Retention Time : 13.529 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%

09/28/2009 14:38:20 Method: H:\TURBO6\6890-06\6a-(09-28-09).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	140038.40	43087.90	----------	----------	1
B	0.0100	281975.90	87658.92	----------	----------	1
C	0.0500	1624794.40	512449.76	----------	----------	1
D	0.1000	3278401.50	1.02e+06	----------	----------	1
E	0.1500	4898481.40	1.51e+06	----------	----------	1

Calibration Curve : y = (-30301.278076) + (32937136.200832)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999954

Hept. epoxide
Component Type : Single Peak Component
Retention Time : 14.977 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	147629.60	43518.43	----------	----------	1
B	0.0100	289518.20	85644.75	----------	----------	1
C	0.0500	1569598.86	470002.47	----------	----------	1
D	0.1000	3113537.02	919427.90	----------	----------	1
E	0.1500	4602260.41	1.36e+06	----------	----------	1

Calibration Curve : y = (1380.363659) + (30843308.794595)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999822

gamma chlordane
Component Type : Single Peak Component
Retention Time : 15.261 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%

09/28/2009 14:38:20 Method: H:\TURBO6\6890-06\6a-(09-28-09).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	145980.00	43693.14	----------	----------	1
B	0.0100	288979.20	87530.95	----------	----------	1
C	0.0500	1615121.00	495210.78	----------	----------	1
D	0.1000	3283497.60	1.00e+06	----------	----------	1
E	0.1500	4909801.30	1.49e+06	----------	----------	1

Calibration Curve : y = (-28769.027062) + (32975315.032723)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999967

alpha chlordane
Component Type : Single Peak Component
Retention Time : 15.566 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	142514.60	42214.35	----------	----------	1
B	0.0100	279403.60	84764.31	----------	----------	1
C	0.0500	1523815.00	465248.08	----------	----------	1
D	0.1000	3076903.20	943079.17	----------	----------	1
E	0.1500	4558923.90	1.39e+06	----------	----------	1

Calibration Curve : y = (-11570.271219) + (30601305.762659)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999899

4,4'-DDE
Component Type : Single Peak Component
Retention Time : 15.768 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	128243.14	39966.76	----------	----------	1
B	0.0100	260026.67	82307.46	----------	----------	1
C	0.0500	1525925.73	484682.70	----------	----------	1
D	0.1000	3122164.58	991819.37	----------	----------	1
E	0.1500	4658355.67	1.49e+06	----------	----------	1

Calibration Curve : y = (-39044.482463) + (31396628.433003)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999936

Endosulfan I
Component Type : Single Peak Component
Retention Time : 15.868 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	132452.16	38168.51	----------	----------	1
B	0.0100	260436.63	75402.71	----------	----------	1
C	0.0500	1409819.87	415621.47	----------	----------	1
D	0.1000	2817111.12	825242.18	----------	----------	1
E	0.1500	4162708.73	1.21e+06	----------	----------	1

Calibration Curve : y = (-2281.733833) + (27917260.873280)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999846

Dieldrin
Component Type : Single Peak Component
Retention Time : 16.409 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%

09/28/2009 14:38:20 Method: H:\TURBO6\6890-06\6a-(09-28-09).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	135109.20	39092.64	----------	----------	1
B	0.0100	271044.70	78524.15	----------	----------	1
C	0.0500	1555819.00	459600.91	----------	----------	1
D	0.1000	3163929.70	925794.81	----------	----------	1
E	0.1500	4708399.20	1.37e+06	----------	----------	1

Calibration Curve : y = (-29797.586218) + (31692982.117009)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999925

Endrin
Component Type : Single Peak Component
Retention Time : 16.919 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	112550.40	31875.08	----------	----------	1
B	0.0100	229729.30	65488.63	----------	----------	1
C	0.0500	1333091.00	385212.56	----------	----------	1
D	0.1000	2722950.40	779503.57	----------	----------	1
E	0.1500	4093839.80	1.18e+06	----------	----------	1

Calibration Curve : y = (-36869.810148) + (27544467.092646)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999974

4,4'-DDD
Component Type : Single Peak Component
Retention Time : 17.085 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%

09/28/2009 14:38:20 Method: H:\TURBO6\6890-06\6a-(09-28-09).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	97094.00	29402.80	----------	----------	1
B	0.0100	198635.40	61402.53	----------	----------	1
C	0.0500	1158307.70	360039.17	----------	----------	1
D	0.1000	2367060.60	729653.08	----------	----------	1
E	0.1500	3507582.00	1.08e+06	----------	----------	1

Calibration Curve : y = (-24839.736843) + (23659930.515250)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999868

Endosulfan II
Component Type : Single Peak Component
Retention Time : 17.412 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	117407.40	32009.06	----------	----------	1
B	0.0100	234206.60	64281.98	----------	----------	1
C	0.0500	1246739.00	349709.30	----------	----------	1
D	0.1000	2510042.75	706638.17	----------	----------	1
E	0.1500	3732096.64	1.05e+06	----------	----------	1

Calibration Curve : y = (-7453.197637) + (25008756.750227)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999948

4,4'-DDT
Component Type : Single Peak Component
Retention Time : 17.692 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%

09/28/2009 14:38:20 Method: H:\TURBO6\6890-06\6a-(09-28-09).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	88502.30	26623.16	----------	----------	1
B	0.0100	185451.40	56361.65	----------	----------	1
C	0.0500	1135856.60	347787.30	----------	----------	1
D	0.1000	2369050.84	724755.23	----------	----------	1
E	0.1500	3661241.05	1.13e+06	----------	----------	1

Calibration Curve : y = (-64115.952628) + (24637085.178599)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999600

Endrin aldehyde
Component Type : Single Peak Component
Retention Time : 18.332 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	78763.20	21484.91	----------	----------	1
B	0.0100	152870.40	41810.98	----------	----------	1
C	0.0500	828797.60	222024.79	----------	----------	1
D	0.1000	1669486.33	448834.89	----------	----------	1
E	0.1500	2464869.20	666706.82	----------	----------	1

Calibration Curve : y = (-3222.005114) + (16542529.394170)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999850

Methoxychlor
Component Type : Single Peak Component
Retention Time : 18.739 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%

09/28/2009 14:38:20 Method: H:\TURBO6\6890-06\6a-(09-28-09).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	49951.60	15130.56	----------	----------	1
B	0.0100	103943.20	31083.35	----------	----------	1
C	0.0500	558910.20	166648.56	----------	----------	1
D	0.1000	1132935.61	339868.10	----------	----------	1
E	0.1500	1729716.14	521778.92	----------	----------	1

Calibration Curve : y = (-13580.778690) + (11566224.258905)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999882

Endo. Sulfate
Component Type : Single Peak Component
Retention Time : 19.277 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	70186.00	18795.21	----------	----------	1
B	0.0100	151171.10	40461.99	----------	----------	1
C	0.0500	885395.10	240471.47	----------	----------	1
D	0.1000	1860879.00	510023.61	----------	----------	1
E	0.1500	2914743.80	791648.51	----------	----------	1

Calibration Curve : y = (-55662.511976) + (19557738.285340)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999118

Endrin ketone
Component Type : Single Peak Component
Retention Time : 19.882 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%

09/28/2009 14:38:20 Method: H:\TURBO6\6890-06\6a-(09-28-09).mth

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

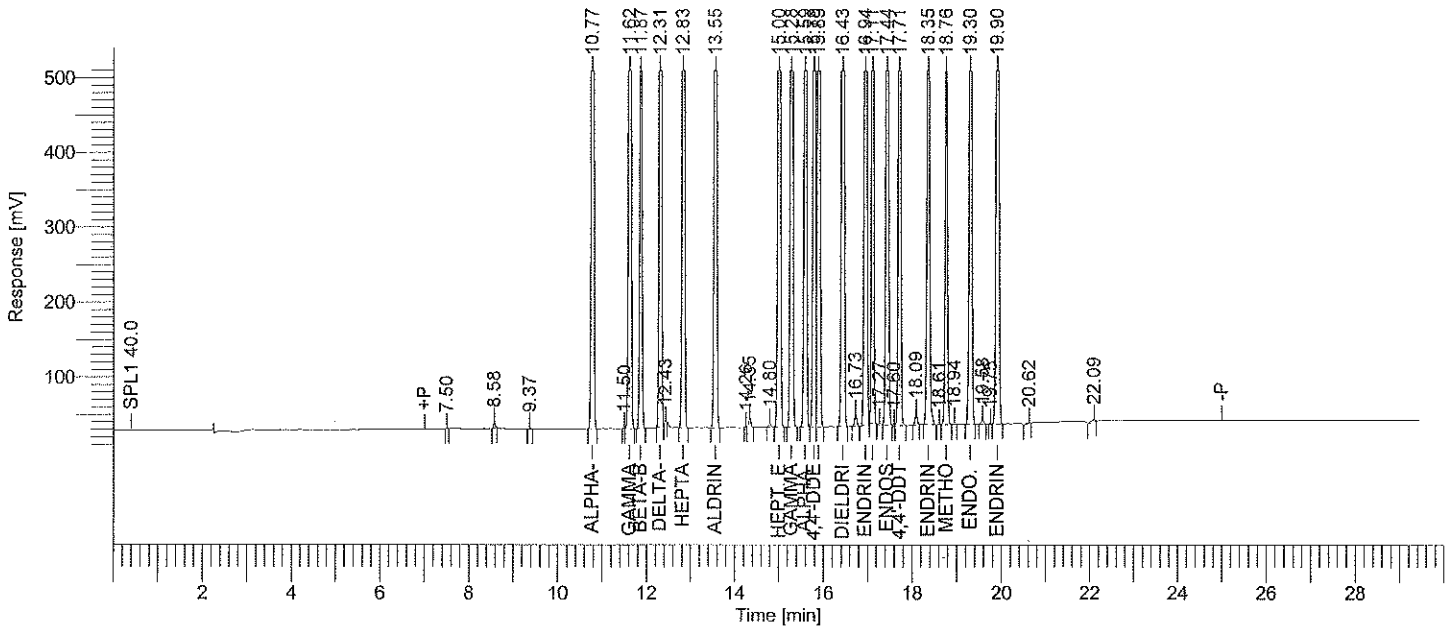
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	104000.60	26733.54	----------	----------	1
B	0.0100	211115.40	54440.55	----------	----------	1
C	0.0500	1170892.50	306246.38	----------	----------	1
D	0.1000	2395548.10	633840.29	----------	----------	1
E	0.1500	3751262.64	990184.29	----------	----------	1

Calibration Curve : y = (-50713.618188) + (25036150.260749)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999231

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 14:35:18
Reprocess Number	: buf2048: 98758		
Operator	: tchrom	Sample Name	: 9090862-CCV1
Sample Number	: 0.15	Study	: PEST ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/15
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 11:30:02	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46215.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46215.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46215.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46215.rst
Calib Method : h:\turbo6\6890-06\6a-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46215.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

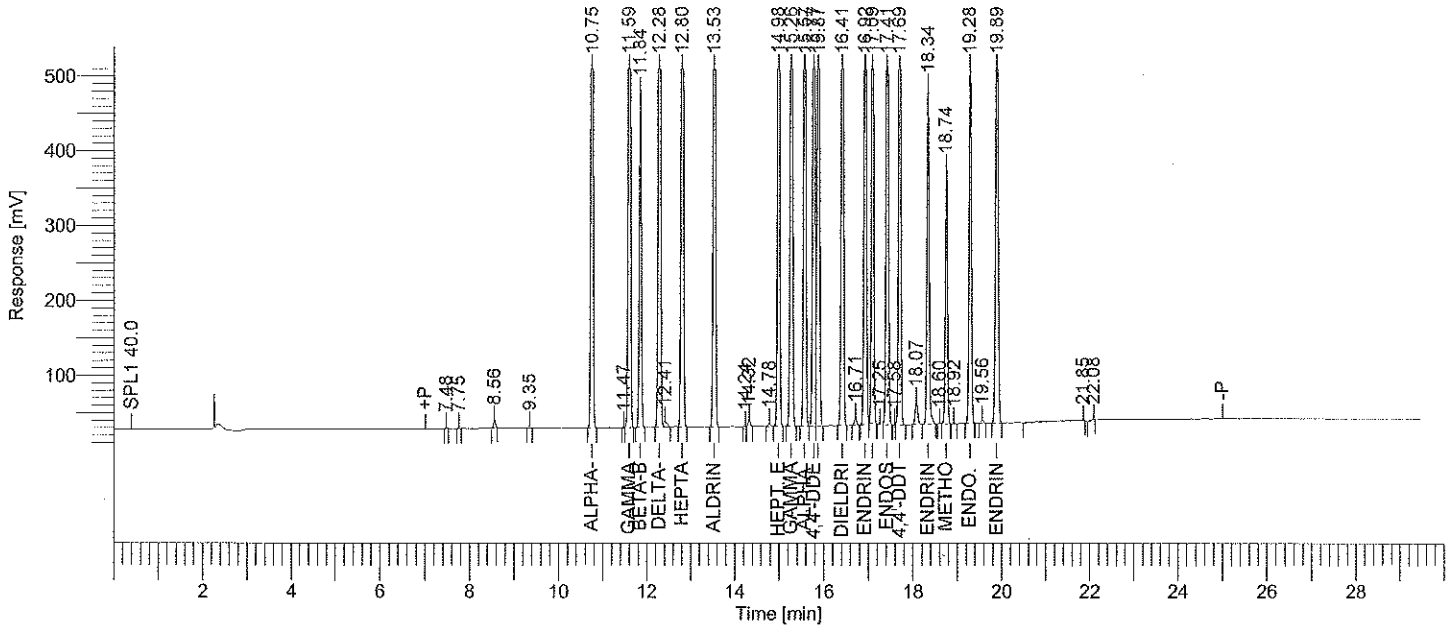
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.50	2240		B	0.00224	900.98
2	8.58	21316		B	0.02132	7385.51
3	9.37	4677		B	0.00468	1548.77
4	10.77	5797159	alpha-BHC	B	0.15000	1.89e+06
5	11.50	3193		B	0.00319	1246.07
6	11.62	5333640	gamma-BHC	V	0.15000	1.68e+06
7	11.87	2116347	beta-BHC	B	0.15000	666554.68
8	12.31	5494272	delta-BHC	B	0.15000	1.73e+06
9	12.43	8455		B	0.00845	3347.34
10	12.83	4979244	Heptachlor	B	0.15000	1.55e+06
11	13.55	4898481	Aldrin	B	0.15000	1.51e+06
12	14.26	3751		B	0.00375	1386.81
13	14.35	42892		V	0.04289	12250.03
14	14.80	19872		B	0.01987	5746.46
15	15.00	4602260	Hept. epoxide	V	0.15000	1.36e+06
16	15.28	4909801	gamma chlordane	B	0.15000	1.49e+06

09/28/2009 14:35:18 Result: H:\TURBO6\6890-06\6-SEQ46\6A46215.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	15.59	4558924	alpha chlordane	B	0.15000	1.39e+06
18	15.79	4658356	4,4'-DDE	B	0.15000	1.49e+06
19	15.89	4162709	Endosulfan I	V	0.15000	1.21e+06
20	16.43	4708399	Dieldrin	B	0.15000	1.37e+06
21	16.73	51413		B	0.05141	15277.50
22	16.94	4093840	Endrin	B	0.15000	1.18e+06
23	17.11	3507582	4,4'-DDD	B	0.15000	1.08e+06
24	17.27	10043		B	0.01004	2087.51
25	17.44	3732097	Endosulfan II	V	0.15000	1.05e+06
26	17.60	6087		B	0.00609	2151.58
27	17.71	3661241	4,4'-DDT	V	0.15000	1.13e+06
28	18.09	52368		B	0.05237	14367.81
29	18.35	2464869	Endrin aldehyde	B	0.15000	666706.82
30	18.61	4109		B	0.00411	1139.79
31	18.76	1729716	Methoxychlor	V	0.15000	521778.92
32	18.94	9333		V	0.00933	3042.05
33	19.30	2914744	Endo. Sulfate	B	0.15000	791648.51
34	19.58	21374		B	0.02137	5258.99
35	19.75	2992		B	0.00299	1049.33
36	19.90	3751263	Endrin ketone	V	0.15000	990184.29
37	20.62	7110		B	0.00711	777.98
38	22.09	19970		B	0.01997	2625.60
		82366139			3.29120	2.48e+07

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 14:35:25
Reprocess Number	: buf2048: 98760		
Operator	: tchrom	Sample Name	: 9090863-CCV1
Sample Number	: 0.10	Study	: PEST ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/16
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.48 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 12:05:55	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46216.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46216.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46216.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46216.rst
Calib Method : h:\turbo6\6890-06\6a-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46216.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

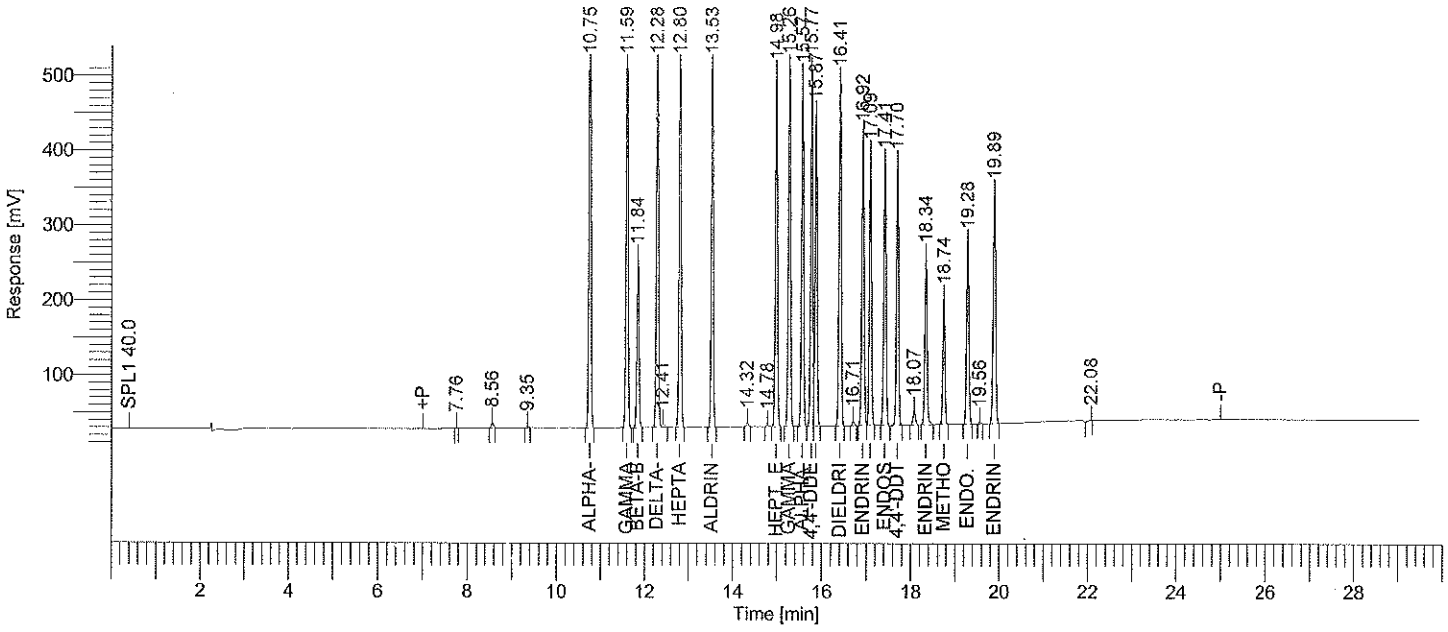
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.48	3425		B	0.00343	1296.50
2	7.75	3061		B	0.00306	1167.65
3	8.56	29912		B	0.02991	10053.00
4	9.35	8855		B	0.00886	2905.32
5	10.75	4010065	alpha-BHC	B	0.10000	1.31e+06
6	11.47	3217		B	0.00322	1165.22
7	11.59	3616315	gamma-BHC	V	0.10000	1.15e+06
8	11.84	1444746	beta-BHC	B	0.10000	449159.83
9	12.28	3654457	delta-BHC	B	0.10000	1.14e+06
10	12.41	35999		E	0.03600	6909.31
11	12.80	3381776	Heptachlor	B	0.10000	1.06e+06
12	13.53	3278402	Aldrin	B	0.10000	1.02e+06
13	14.24	2870		B	0.00287	1029.27
14	14.32	30806		V	0.03081	8718.71
15	14.78	14547		B	0.01455	4120.80
16	14.98	3113537	Hept. epoxide	V	0.10000	919427.90

09/28/2009 14:35:25 Result: H:\TURBO6\6890-06\6-SEQ46\6A46216.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	15.26	3283498	gamma chlordane	B	0.10000	1.00e+06
18	15.57	3076903	alpha chlordane	B	0.10000	943079.17
19	15.77	3122165	4,4'-DDE	B	0.10000	991819.37
20	15.87	2817111	Endosulfan I	V	0.10000	825242.18
21	16.41	3163930	Dieldrin	B	0.10000	925794.81
22	16.71	33632		B	0.03363	10086.43
23	16.92	2722950	Endrin	B	0.10000	779503.57
24	17.09	2367061	4,4'-DDD	B	0.10000	729653.08
25	17.25	6785		B	0.00679	1525.98
26	17.41	2510043	Endosulfan II	V	0.10000	706638.17
27	17.58	5783		B	0.00578	1981.55
28	17.69	2369051	4,4'-DDT	V	0.10000	724755.23
29	18.07	116767		B	0.11677	29361.23
30	18.34	1669486	Endrin aldehyde	V	0.10000	448834.89
31	18.60	3945		B	0.00394	1069.78
32	18.74	1132936	Methoxychlor	V	0.10000	339868.10
33	18.92	6679		B	0.00668	2112.49
34	19.28	1860879	Endo. Sulfate	B	0.10000	510023.61
35	19.56	15892		B	0.01589	3925.21
36	19.89	2395548	Endrin ketone	B	0.10000	633840.29
37	21.85	71684		B	0.07168	247.76
38	22.08	8341		B	0.00834	799.18
		55393059			2.40220	1.67e+07

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 14:35:32
Reprocess Number	: buf2048: 98762		
Operator	: tchrom	Sample Name	: 9091289-CCV1
Sample Number	: 0.05	Study	: PEST ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/17
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.46 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 12:41:53	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46217.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46217.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46217.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46217.rst
Calib Method : h:\turbo6\6890-06\6a-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46217.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

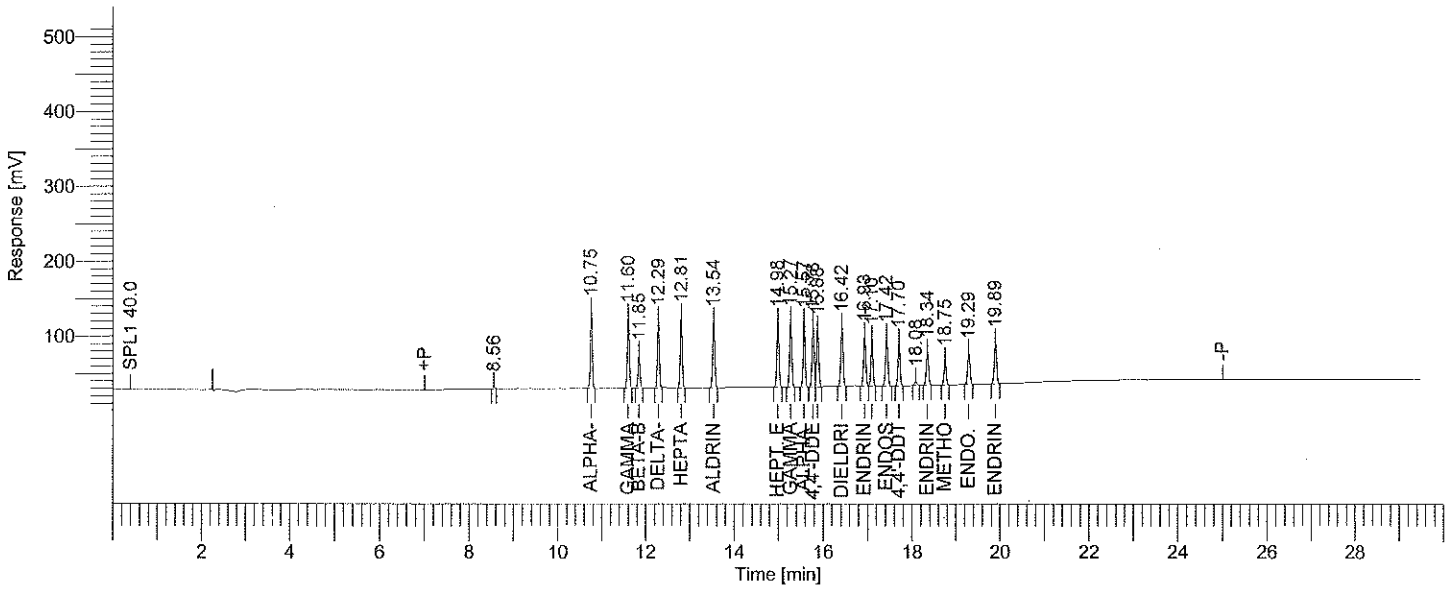
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.76	2745		B	0.00274	1068.57
2	8.56	19527		B	0.01953	6574.25
3	9.35	5460		B	0.00546	1810.40
4	10.75	1933571	alpha-BHC	B	0.05000	639100.91
5	11.59	1755206	gamma-BHC	B	0.05000	559673.93
6	11.84	726067	beta-BHC	B	0.05000	224381.24
7	12.28	1761227	delta-BHC	B	0.05000	554518.52
8	12.41	20352		E	0.02035	4123.81
9	12.80	1690220	Heptachlor	B	0.05000	536977.86
10	13.53	1624794	Aldrin	B	0.05000	512449.76
11	14.32	14996		B	0.01500	4391.65
12	14.78	7477		B	0.00748	2134.51
13	14.98	1569599	Hept. epoxide	V	0.05000	470002.47
14	15.26	1615121	gamma chlordane	B	0.05000	495210.78
15	15.57	1523815	alpha chlordane	B	0.05000	465248.08
16	15.77	1525926	4,4'-DDE	B	0.05000	484682.70

09/28/2009 14:35:32 Result: H:\TURBO6\6890-06\6-SEQ46\6A46217.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	15.87	1409820	Endosulfan I	V	0.05000	415621.47
18	16.41	1555819	Dieldrin	B	0.05000	459600.91
19	16.71	16847		B	0.01685	5057.11
20	16.92	1333091	Endrin	B	0.05000	385212.56
21	17.09	1158308	4,4'-DDD	B	0.05000	360039.17
22	17.41	1246739	Endosulfan II	B	0.05000	349709.30
23	17.70	1135857	4,4'-DDT	B	0.05000	347787.30
24	18.07	69032		B	0.06903	17923.35
25	18.34	828798	Endrin aldehyde	B	0.05000	222024.79
26	18.74	558910	Methoxychlor	B	0.05000	166648.56
27	19.28	885395	Endo. Sulfate	B	0.05000	240471.47
28	19.56	6365		B	0.00636	1763.97
29	19.89	1170893	Endrin ketone	B	0.05000	306246.38
30	22.08	5449		B	0.00545	369.28
		27177425			1.16825	8.24e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 14:35:39
Reprocess Number	: buf2048: 98764		
Operator	: tchrom	Sample Name	: 9091538-CCV1
Sample Number	: 0.01	Study	: PEST ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/18
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 13:17:47	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46218.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46218.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46218.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46218.rst
Calib Method : h:\turbo6\6890-06\6a-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46218.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

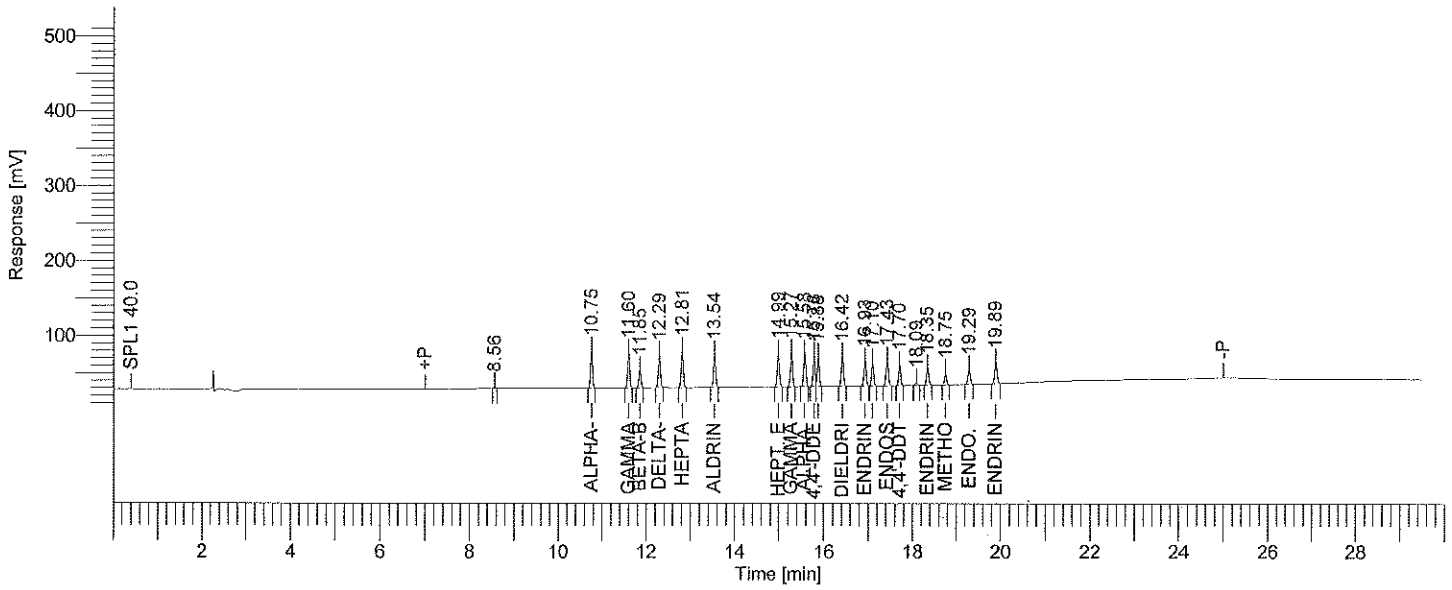
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.56	6345		B	0.00635	2196.02
2	10.75	314234	alpha-BHC	B	0.01000	102805.18
3	11.60	296383	gamma-BHC	B	0.01000	93617.40
4	11.85	141567	beta-BHC	B	0.01000	43178.96
5	12.29	285536	delta-BHC	B	0.01000	89319.43
6	12.81	302560	Heptachlor	B	0.01000	93908.45
7	13.54	281976	Aldrin	B	0.01000	87658.92
8	14.98	289518	Hept. epoxide	B	0.01000	85644.75
9	15.27	288979	gamma chlordane	B	0.01000	87530.95
10	15.57	279404	alpha chlordane	B	0.01000	84764.31
11	15.78	260027	4,4'-DDE	B	0.01000	82307.46
12	15.88	260437	Endosulfan I	V	0.01000	75402.71
13	16.42	271045	Dieldrin	B	0.01000	78524.15
14	16.93	229729	Endrin	B	0.01000	65488.63
15	17.10	198635	4,4'-DDD	B	0.01000	61402.53
16	17.42	234207	Endosulfan II	B	0.01000	64281.98

09/28/2009 14:35:39 Result: H:\TURBO6\6890-06\6-SEQ46\6A46218.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	17.70	185451	4,4'-DDT	B	0.01000	56361.65
18	18.08	17910		B	0.01791	4693.24
19	18.34	152870	Endrin aldehyde	B	0.01000	41810.98
20	18.75	103943	Methoxychlor	B	0.01000	31083.35
21	19.29	151171	Endo. Sulfate	B	0.01000	40461.99
22	19.89	211115	Endrin ketone	B	0.01000	54440.55
		4763043			0.22426	1.43e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 14:35:45
Reprocess Number	: buf2048: 98766		
Operator	: tchrom	Sample Name	: 9091537-CCV1
Sample Number	: 0.005	Study	: PEST ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/19
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 13:53:55	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46219.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46219.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46219.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46219.rst
Calib Method : h:\turbo6\6890-06\6a-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46219.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

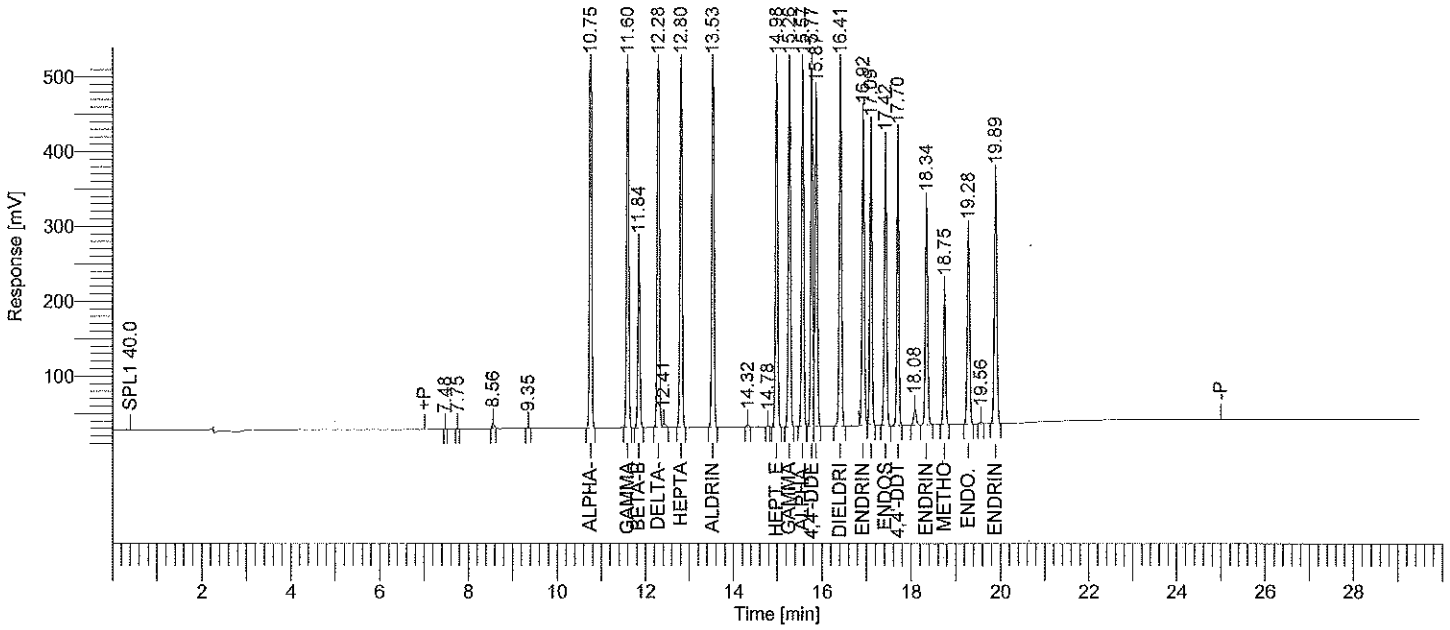
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.56	4005		B	0.00401	1417.43
2	10.75	151927	alpha-BHC	B	0.00500	49170.41
3	11.60	145445	gamma-BHC	B	0.00500	45737.04
4	11.85	73551	beta-BHC	B	0.00500	22619.96
5	12.29	137282	delta-BHC	B	0.00500	42738.23
6	12.81	151738	Heptachlor	B	0.00500	47866.25
7	13.54	140038	Aldrin	B	0.00500	43087.90
8	14.99	147630	Hept. epoxide	B	0.00500	43518.43
9	15.27	145980	gamma chlordane	B	0.00500	43693.14
10	15.58	142515	alpha chlordane	B	0.00500	42214.35
11	15.78	128243	4,4'-DDE	B	0.00500	39966.76
12	15.88	132452	Endosulfan I	V	0.00500	38168.51
13	16.42	135109	Dieldrin	B	0.00500	39092.64
14	16.93	112550	Endrin	B	0.00500	31875.08
15	17.10	97094	4,4'-DDD	B	0.00500	29402.80
16	17.43	117407	Endosulfan II	B	0.00500	32009.06

09/28/2009 14:35:45 Result: H:\TURBO6\6890-06\6-SEQ46\6A46219.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	17.70	88502	4,4'-DDT	B	0.00500	26623.16
18	18.09	11263		B	0.01126	2972.54
19	18.35	78763	Endrin aldehyde	B	0.00500	21484.91
20	18.75	49952	Methoxychlor	B	0.00500	15130.56
21	19.29	70186	Endo. Sulfate	B	0.00500	18795.21
22	19.89	104001	Endrin ketone	B	0.00500	26733.54
		2365633			0.11527	704317.92

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 14:59:54
Reprocess Number	: buf2048: 98768		
Operator	: tchrom	Sample Name	: 9091536
Sample Number	: 0.05	Study	: ALT PEST
AutoSampler	: BUILT-IN	Rack/Vial	: 1/20
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.48 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	: 09/28/2009 14:29:42	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46220.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46220.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46220.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46220.rst
Calib Method : h:\turbo6\6890-06\6a-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46220.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.75	BB	2048447	alpha-BHC	0.05303	677304.60	6.1	10.70 -	10.80
11.60	BB	1864685	gamma-BHC	0.05288	594374.64	5.8	11.55 -	11.65
11.84	BB	770593	beta-BHC	0.05383	238784.39	7.7	11.79 -	11.89
12.28	BE	1877137	delta-BHC	0.05251	588469.71	5.0	12.23 -	12.33
12.80	BB	1801470	Heptachlor	0.05405	564866.62	8.1	12.75 -	12.85
13.53	BB	1770429	Aldrin	0.05467	552725.66	9.3	13.48 -	13.58
14.98	BB	1685104	Hept. epoxide	0.05459	504711.83	9.2	14.93 -	15.03
15.26	BB	1681298	gamma chlordane	0.05186	513401.10	3.7	15.21 -	15.31
15.57	BB	1606855	alpha chlordane	0.05289	498119.26	5.8	15.52 -	15.62
15.77	BV	1619278	4,4'-DDE	0.05282	515996.29	5.6	15.72 -	15.82
15.87	VB	1493267	Endosulfan I	0.05357	439323.82	7.1	15.82 -	15.92
16.41	BB	1646672	Dieldrin	0.05290	481838.13	5.8	16.36 -	16.46
16.92	BB	1413603	Endrin	0.05266	408600.87	5.3	16.87 -	16.97
17.09	BB	1242990	4,4'-DDD	0.05359	390903.37	7.2	17.04 -	17.14
17.42	BB	1341752	Endosulfan II	0.05395	372843.75	7.9	17.37 -	17.47
17.70	BB	1254290	4,4'-DDT	0.05351	382614.96	7.0	17.65 -	17.75

09/28/2009 14:59:54 Result: H:\TURBO6\6890-06\6-SEQ46\6A46220.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
18.34	VB	1065443	Endrin aldehyde	0.06460	290496.99	29.2	18.29 -	18.39
18.75	BB	590147	Methoxychlor	0.05220	177700.00	4.4	18.70 -	18.80
19.28	BB	931451	Endo. Sulfate	0.05047	252139.69	0.9	19.23 -	19.33
19.89	BB	1237887	Endrin ketone	0.05147	325558.62	2.9	19.84 -	19.94
		28942799		1.07204	8.77e+06			

(use INDB & EAldehyde)

SEP 29 2009

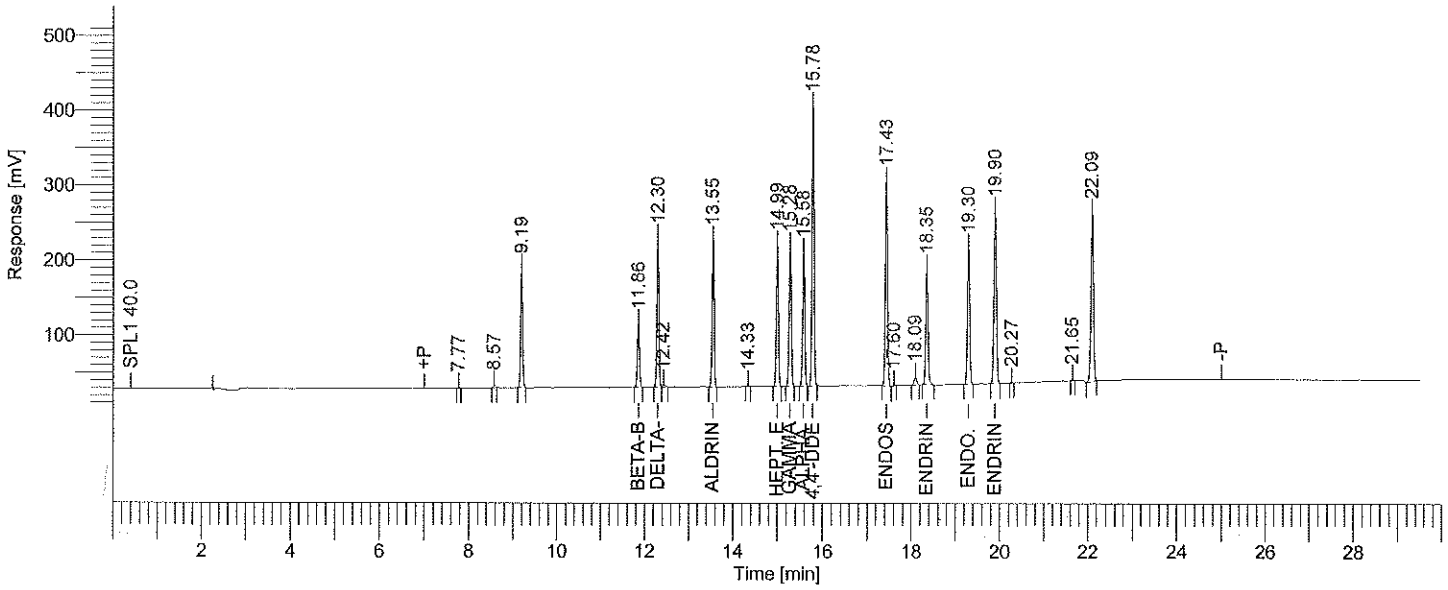
Missing Component Report

Component	Expected Retention (Calibration File)

All components were found

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 15:39:15
Reprocess Number	: buf2048: 98782		
Operator	: tchrom	Sample Name	: 9040971
Sample Number	:	Study	: INDBM MIX
AutoSampler	: BUILT-IN	Rack/Vial	: 1/21
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 15:09:19	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46221.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46221.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46221.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46221.rst
Calib Method : h:\turbo6\6890-06\6a-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46221.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.77	3498		B	0.00350	1335.09
2	8.57	8655		B	0.00866	3009.91
3	9.19	487306		B	0.48731	158598.23
4	11.86	274299	beta-BHC	B	0.01878	84101.52
5	12.30	627798	delta-BHC	B	0.01885	197795.15
6	12.42	13472		V	0.01347	2967.81
7	13.55	623423	Aldrin	B	0.01985	195415.49
8	14.33	6036		B	0.00604	1772.36
9	14.99	623587	Hept. epoxide	B	0.02017	188127.59
10	15.28	613362	gamma chlordane	B	0.01947	185797.48
11	15.58	576703	alpha chlordane	B	0.01922	178359.33
12	15.78	1167258	4,4'-DDE	B	0.03842	372407.92
13	17.43	979809	Endosulfan II	B	0.03948	272904.51
14	17.60	5283		B	0.00528	1353.81
15	18.09	39895		B	~~0.03990~~	10246.90
16	18.35	570396	Endrin aldehyde	B	0.03468	153807.90

-0.69

SEP 29 2009

09/28/2009 15:39:15 Result: H:\TURBO6\6890-06\6-SEQ46\6A46221.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	19.30	670080	Endo. Sulfate	B	0.03711	181048.87
18	19.90	879709	Endrin ketone	B	0.03716	228958.87
19	20.27	3654		B	0.00365	1116.16
20	21.65	3778		B	0.00378	1119.46
21	22.09	936660		B	0.93666	223672.93
		9114664			1.81144	2.64e+06

TotalChrom Method File H:\TURBO6\6890-06\6B-(09-28-09).mth
Printed by : NearyM on: 09/28/2009 14:39:23
Created by : NearyM on: 09/28/2009 14:28:33
Edited by : NearyM on: 09/28/2009 14:39:20
Number of Times Edited : 1
Number of Times Calibrated : 2641
Description: CURVE 07-23-09

Processed by: MM 9/28/09
Reviewed by: SEP 29 2009

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 (2C)
Component Type : Single Peak Component
Retention Time : 12.289 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	59167.60	18230.78	----------	----------	1
B	0.0100	120055.20	37653.06	----------	----------	1
C	0.0500	726062.00	230910.57	----------	----------	1
D	0.1000	1513058.90	479053.22	----------	----------	1
E	0.1500	2306418.00	729252.79	----------	----------	1

Calibration Curve : y = (-33889.937727) + (15537178.444673)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999820

gamma-BHC (2C)
Component Type : Single Peak Component
Retention Time : 13.247 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%

09/28/2009 14:39:23 Method: H:\TURBO6\6890-06\6B-(09-28-09).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	59417.60	17741.79	----------	----------	1
B	0.0100	118588.20	35646.39	----------	----------	1
C	0.0500	685272.10	209785.75	----------	----------	1
D	0.1000	1409625.00	431218.74	----------	----------	1
E	0.1500	2120290.10	645746.54	----------	----------	1

Calibration Curve : y = (-20106.835296) + (14265800.068445)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999950

beta-BHC (2C)
Component Type : Single Peak Component
Retention Time : 13.465 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	31441.00	9354.00	----------	----------	1
B	0.0100	60227.40	17632.68	----------	----------	1
C	0.0500	297272.80	88241.61	----------	----------	1
D	0.1000	582006.40	174733.28	----------	----------	1
E	0.1500	857706.90	259086.75	----------	----------	1

Calibration Curve : y = (5894.685773) + (5711685.738143)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999801

delta-BHC (2C)
Component Type : Single Peak Component
Retention Time : 14.214 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%

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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	55688.70	16441.42	----------	----------	1
B	0.0100	113668.32	33795.96	----------	----------	1
C	0.0500	675666.54	203589.82	----------	----------	1
D	0.1000	1404673.29	423766.22	----------	----------	1
E	0.1500	2140504.20	643470.70	----------	----------	1

Calibration Curve : y = (-29682.388272) + (14408294.983412)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999834

Heptachlor (2C)
Component Type : Single Peak Component
Retention Time : 14.398 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	61457.80	18066.65	----------	----------	1
B	0.0100	120302.80	35423.45	----------	----------	1
C	0.0500	654283.00	197797.65	----------	----------	1
D	0.1000	1325228.80	399527.60	----------	----------	1
E	0.1500	1983283.70	599015.06	----------	----------	1

Calibration Curve : y = (-8613.043868) + (13294035.469036)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999979

Aldrin (2C)
Component Type : Single Peak Component
Retention Time : 15.200 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 : 0.020000
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	54557.40	15912.56	----------	----------	1
B	0.0100	107511.80	31439.00	----------	----------	1
C	0.0500	602751.32	180007.00	----------	----------	1
D	0.1000	1231225.16	366550.85	----------	----------	1
E	0.1500	1844681.05	550737.14	----------	----------	1

Calibration Curve : y = (-12528.369154) + (12391646.145510)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999965

Hept. epoxide (2C)
Component Type : Single Peak Component
Retention Time : 16.551 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	56885.20	15948.20	----------	----------	1
B	0.0100	109701.80	30656.28	----------	----------	1
C	0.0500	570593.60	163889.29	----------	----------	1
D	0.1000	1139066.60	327226.71	----------	----------	1
E	0.1500	1701251.60	489068.98	----------	----------	1

Calibration Curve : y = (-354.642801) + (11362768.298429)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999980

gamma chlordane (2C)
Component Type : Single Peak Component
Retention Time : 16.989 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	54276.80	15444.82	----------	----------	1
B	0.0100	105280.70	30070.63	----------	----------	1
C	0.0500	564286.10	162750.42	----------	----------	1
D	0.1000	1136915.00	329360.78	----------	----------	1
E	0.1500	1702346.30	497516.11	----------	----------	1

Calibration Curve : y = (-5225.808933) + (11394393.475131)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999986

alpha chlordane (2C)
Component Type : Single Peak Component
Retention Time : 17.322 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	53786.56	15001.26	----------	----------	1
B	0.0100	103223.44	29010.23	----------	----------	1
C	0.0500	535929.84	152244.87	----------	----------	1
D	0.1000	1069716.70	307266.50	----------	----------	1
E	0.1500	1602854.83	464401.83	----------	----------	1

Calibration Curve : y = (-891.926707) + (10698320.261845)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999991

Endosulfan I (2C)
Component Type : Single Peak Component
Retention Time : 17.458 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	50821.44	14014.15	----------	----------	1
B	0.0100	97919.16	27015.10	----------	----------	1
C	0.0500	510027.66	142663.58	----------	----------	1
D	0.1000	1016266.30	286681.09	----------	----------	1
E	0.1500	1517438.37	428166.16	----------	----------	1

Calibration Curve : y = (37.116848) + (10134245.548093)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999976

4,4'-DDE (2C)
Component Type : Single Peak Component
Retention Time : 17.672 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	48053.80	14292.09	----------	----------	1
B	0.0100	94266.80	28282.82	----------	----------	1
C	0.0500	523132.60	159879.86	----------	----------	1
D	0.1000	1067699.60	328370.68	----------	----------	1
E	0.1500	1620306.00	497341.65	----------	----------	1

Calibration Curve : y = (-13268.575327) + (10856513.259162)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999922

Dieldrin (2C)
Component Type : Single Peak Component
Retention Time : 18.075 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 : 0.040000
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	51412.30	14029.96	----------	----------	1
B	0.0100	99979.00	27416.16	----------	----------	1
C	0.0500	545745.40	151976.87	----------	----------	1
D	0.1000	1106901.00	309857.59	----------	----------	1
E	0.1500	1672510.40	469130.73	----------	----------	1

Calibration Curve : y = (-10093.517111) + (11196874.783726)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999965

Endrin (2C)
Component Type : Single Peak Component
Retention Time : 18.757 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	41044.80	10945.91	----------	----------	1
B	0.0100	81892.80	21477.60	----------	----------	1
C	0.0500	451106.40	120598.52	----------	----------	1
D	0.1000	918414.20	248307.45	----------	----------	1
E	0.1500	1400785.90	377473.76	----------	----------	1

Calibration Curve : y = (-12035.552426) + (9375942.077384)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999879

4,4'-DDD (2C)
Component Type : Single Peak Component
Retention Time : 18.947 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 : 0.040000
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	37298.60	10751.53	----------	----------	1
B	0.0100	73741.60	21005.91	----------	----------	1
C	0.0500	410304.80	119212.70	----------	----------	1
D	0.1000	834868.00	246217.27	----------	----------	1
E	0.1500	1263363.40	374036.93	----------	----------	1

Calibration Curve : y = (-9593.899856) + (8468399.371287)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999956

Endosulfan II (2C)
Component Type : Single Peak Component
Retention Time : 19.216 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	45469.20	11894.82	----------	----------	1
B	0.0100	87730.00	22839.14	----------	----------	1
C	0.0500	448220.90	119255.84	----------	----------	1
D	0.1000	894340.40	240781.29	----------	----------	1
E	0.1500	1340207.00	358781.10	----------	----------	1

Calibration Curve : y = (90.476734) + (8938143.226440)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999995

4,4'-DDT (2C)
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
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 : 0.040000
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	31589.00	9069.85	----------	----------	1
B	0.0100	64793.20	18358.57	----------	----------	1
C	0.0500	365127.50	105163.40	----------	----------	1
D	0.1000	759959.40	221005.90	----------	----------	1
E	0.1500	1187841.42	345297.72	----------	----------	1

Calibration Curve : y = (-18871.810944) + (7948157.235220)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999195

Endrin aldehyde (2C)
Component Type : Single Peak Component
Retention Time : 19.946 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	33689.00	8619.24	----------	----------	1
B	0.0100	63994.80	16146.27	----------	----------	1
C	0.0500	309576.02	78644.33	----------	----------	1
D	0.1000	605698.30	156988.57	----------	----------	1
E	0.1500	900022.38	235535.57	----------	----------	1

Calibration Curve : y = (5987.172926) + (5977919.456170)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999926

Endo. Sulfate (2C)
Component Type : Single Peak Component
Retention Time : 20.556 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	29240.70	7655.72	----------	----------	1
B	0.0100	61952.00	15862.73	----------	----------	1
C	0.0500	337930.20	87416.66	----------	----------	1
D	0.1000	690907.62	181730.62	----------	----------	1
E	0.1500	1078513.00	284891.28	----------	----------	1

Calibration Curve : y = (-13914.812750) + (7200373.280367)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999347

Methoxychlor (2C)
Component Type : Single Peak Component
Retention Time : 21.085 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	17846.80	5063.86	----------	----------	1
B	0.0100	36919.20	10243.22	----------	----------	1
C	0.0500	186268.70	51370.70	----------	----------	1
D	0.1000	368121.10	101902.68	----------	----------	1
E	0.1500	556530.00	155237.14	----------	----------	1

Calibration Curve : y = (-330.885340) + (3705841.989529)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999965

Endrin ketone (2C)
Component Type : Single Peak Component
Retention Time : 21.777 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%

09/28/2009 14:39:23 Method: H:\TURBO6\6890-06\6B-(09-28-09).mth

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

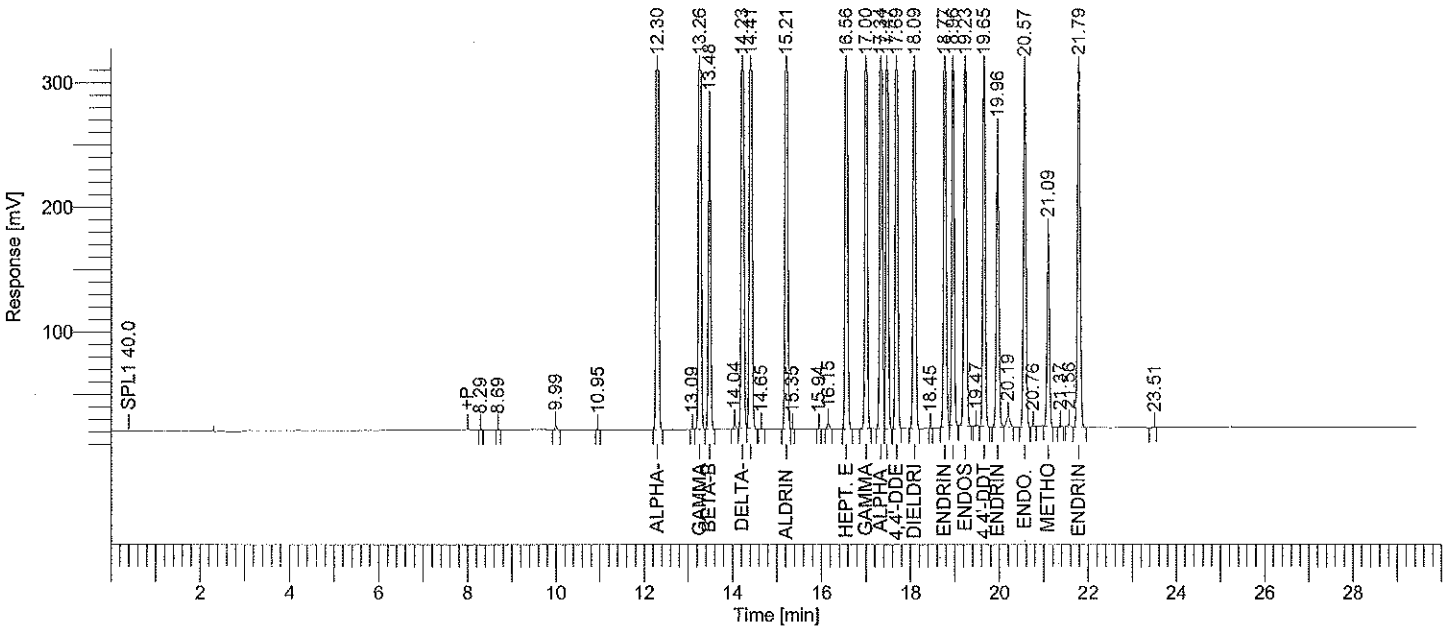
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	41785.90	9413.88	----------	----------	1
B	0.0100	82589.40	18305.33	----------	----------	1
C	0.0500	427450.40	95982.14	----------	----------	1
D	0.1000	858780.30	196672.77	----------	----------	1
E	0.1500	1337743.20	305060.08	----------	----------	1

Calibration Curve : y = (-10242.057624) + (8887490.438482)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999397

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 14:35:22
Reprocess Number	: buf2048: 98759		
Operator	: tchrom	Sample Name	: 9090862-CCV1
Sample Number	: 0.15	Study	: PEST ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/15
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 11:30:02	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46215.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46215.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46215.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46215.rst
Calib Method : h:\turbo6\6890-06\6b-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46215.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

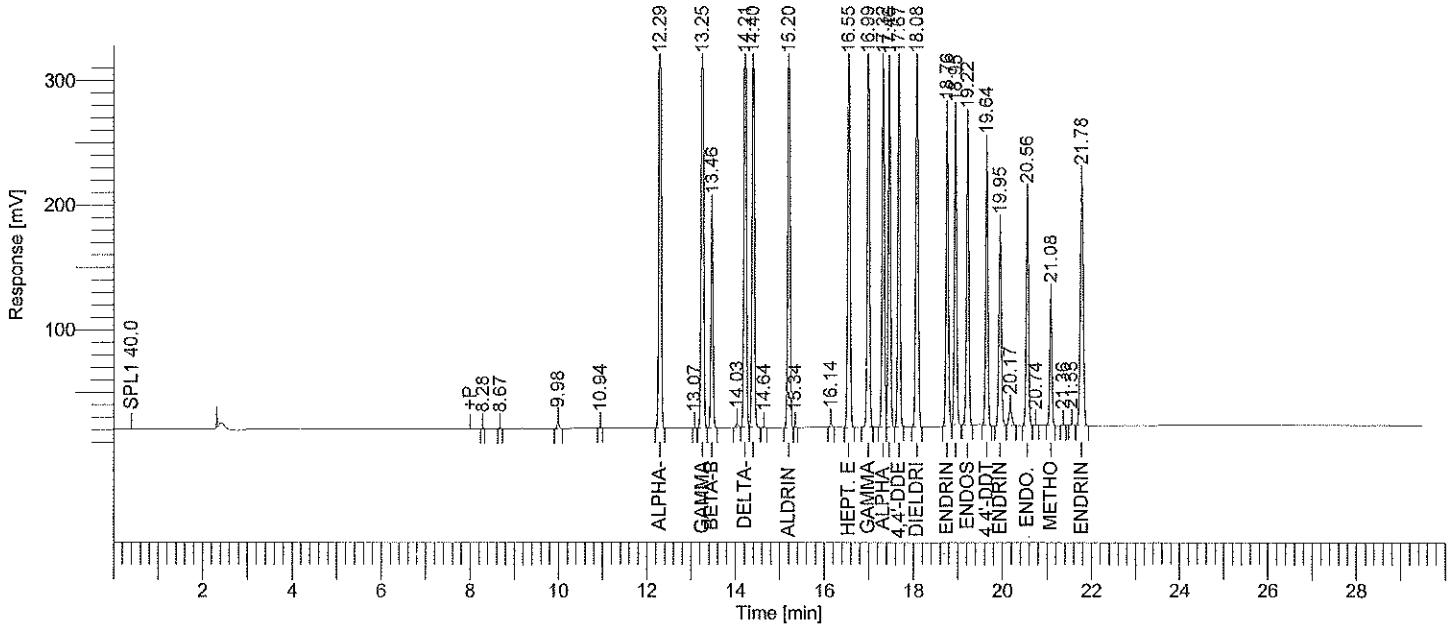
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
2	8.69	1535		B	0.00154	501.06
3	9.99	11264		B	0.01126	3314.13
4	10.95	1583		B	0.00158	527.69
5	12.30	2306418	alpha-BHC (2C)	B	0.15000	729252.79
7	13.26	2120290	gamma-BHC (2C)	V	0.15000	645746.54
8	13.48	857707	beta-BHC (2C)	B	0.15000	259086.75
9	14.04	13868		B	0.01387	3797.14
10	14.23	2140504	delta-BHC (2C)	B	0.15000	643470.70
11	14.41	1983284	Heptachlor (2C)	B	0.15000	599015.06
12	14.65	4460		B	0.00446	1216.54
13	15.21	1844681	Aldrin (2C)	B	0.15000	550737.14
14	15.35	1663		V	0.00166	605.93
16	16.15	15384		B	0.01538	4491.06
17	16.56	1701252	Hept. epoxide (2C)	B	0.15000	489068.98
18	17.00	1702346	gamma chlordane (2C)	B	0.15000	497516.11
19	17.34	1602855	alpha chlordane (2C)	B	0.15000	464401.83

09/28/2009 14:35:22 Result: H:\TURBO6\6890-06\6-SEQ46\6b46215.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
20	17.47	1517438	Endosulfan I (2C)	V	0.15000	428166.16
21	17.69	1620306	4,4'-DDE (2C)	B	0.15000	497341.65
22	18.09	1672510	Dieldrin (2C)	B	0.15000	469130.73
24	18.77	1400786	Endrin (2C)	B	0.15000	377473.76
25	18.96	1263363	4,4'-DDD (2C)	B	0.15000	374036.93
26	19.23	1340207	Endosulfan II (2C)	B	0.15000	358781.10
27	19.47	5084		B	0.00508	845.02
28	19.65	1187841	4,4'-DDT (2C)	V	0.15000	345297.72
29	19.96	900022	Endrin aldehyde (2C)	B	0.15000	235535.57
30	20.19	43955		V	0.04395	8157.03
31	20.57	1078513	Endo. Sulfate (2C)	B	0.15000	284891.28
32	20.76	2887		B	0.00289	703.68
33	21.09	556530	Methoxychlor (2C)	B	0.15000	155237.14
34	21.37	4005		B	0.00401	1098.50
35	21.56	7417		B	0.00742	1763.63
36	21.79	1337743	Endrin ketone (2C)	B	0.15000	305060.08
37	23.51	1701		B	0.00170	135.40
		30249403			3.11481	8.74e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 14:35:29
Reprocess Number	: buf2048: 98761		
Operator	: tchrom	Sample Name	: 9090863-CCV1
Sample Number	: 0.10	Study	: PEST ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/16
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.48 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 12:05:55	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46216.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46216.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46216.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46216.rst
Calib Method : h:\turbo6\6890-06\6b-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46216.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

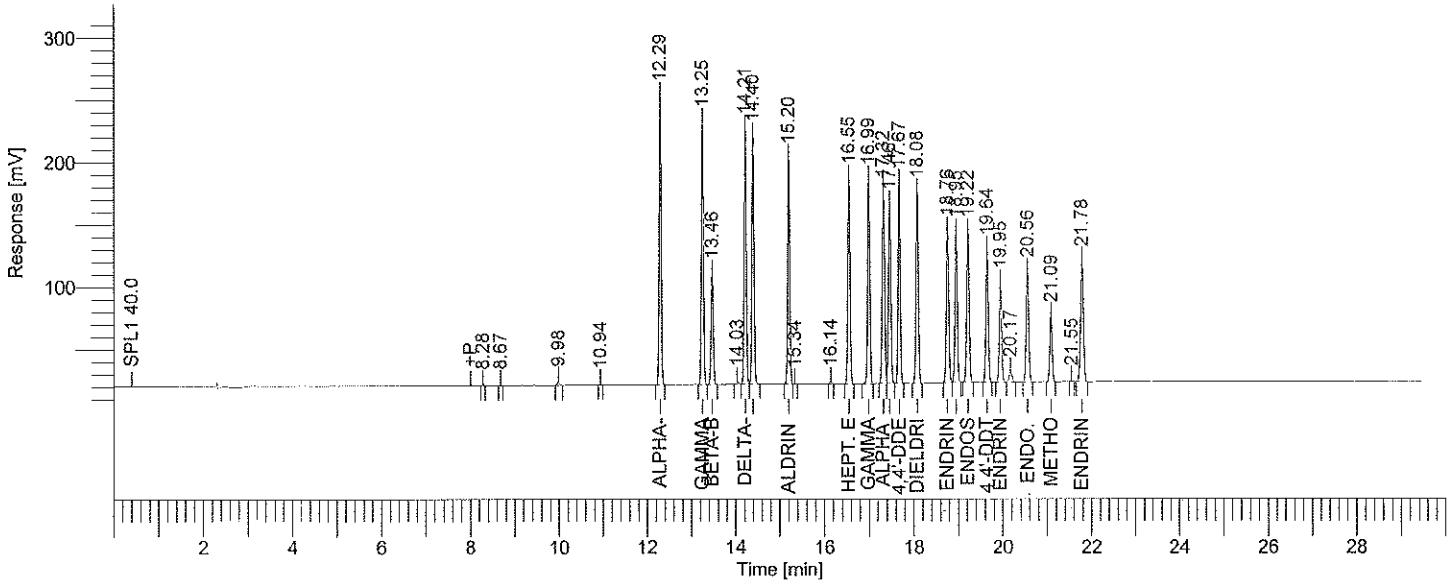
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.28	1887		B	0.00189	722.67
2	8.67	2094		B	0.00209	691.32
3	9.98	16055		B	0.01606	4727.28
4	10.94	2796		B	0.00280	915.41
5	12.29	1513059	alpha-BHC (2C)	B	0.10000	479053.22
7	13.25	1409625	gamma-BHC (2C)	B	0.10000	431218.74
8	13.46	582006	beta-BHC (2C)	B	0.10000	174733.28
9	14.03	10862		B	0.01086	2899.26
10	14.21	1404673	delta-BHC (2C)	V	0.10000	423766.22
11	14.40	1325229	Heptachlor (2C)	B	0.10000	399527.60
12	14.64	2772		B	0.00277	780.29
13	15.20	1231225	Aldrin (2C)	B	0.10000	366550.85
14	15.34	1745		V	0.00175	604.24
15	16.14	10013		B	0.01001	2973.90
16	16.55	1139067	Hept. epoxide (2C)	B	0.10000	327226.71
17	16.99	1136915	gamma chlordane (2C)	B	0.10000	329360.78

09/28/2009 14:35:29 Result: H:\TURBO6\6890-06\6-SEQ46\6b46216.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
18	17.32	1069717	alpha chlordane (2C)	B	0.10000	307266.50
19	17.46	1016266	Endosulfan I (2C)	V	0.10000	286681.09
20	17.67	1067700	4,4'-DDE (2C)	B	0.10000	328370.68
21	18.08	1106901	Dieldrin (2C)	B	0.10000	309857.59
22	18.76	918414	Endrin (2C)	B	0.10000	248307.45
23	18.95	834868	4,4'-DDD (2C)	B	0.10000	246217.27
24	19.22	894340	Endosulfan II (2C)	B	0.10000	240781.29
25	19.64	759959	4,4'-DDT (2C)	B	0.10000	221005.90
26	19.95	605698	Endrin aldehyde (2C)	B	0.10000	156988.57
27	20.17	61678		V	0.06168	12860.43
28	20.56	690908	Endo. Sulfate (2C)	B	0.10000	181730.62
29	20.74	1845		V	0.00185	474.56
30	21.08	368121	Methoxychlor (2C)	B	0.10000	101902.68
31	21.36	2922		B	0.00292	815.93
32	21.55	5393		B	0.00539	1276.17
33	21.78	858780	Endrin ketone (2C)	B	0.10000	196672.77
		20053535			2.12006	5.79e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 14:35:36
Reprocess Number	: buf2048: 98763		
Operator	: tchrom	Sample Name	: 9091289-CCV1
Sample Number	: 0.05	Study	: PEST ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/17
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.46 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 12:41:53	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46217.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46217.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46217.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46217.rst
Calib Method : h:\turbo6\6890-06\6b-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46217.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

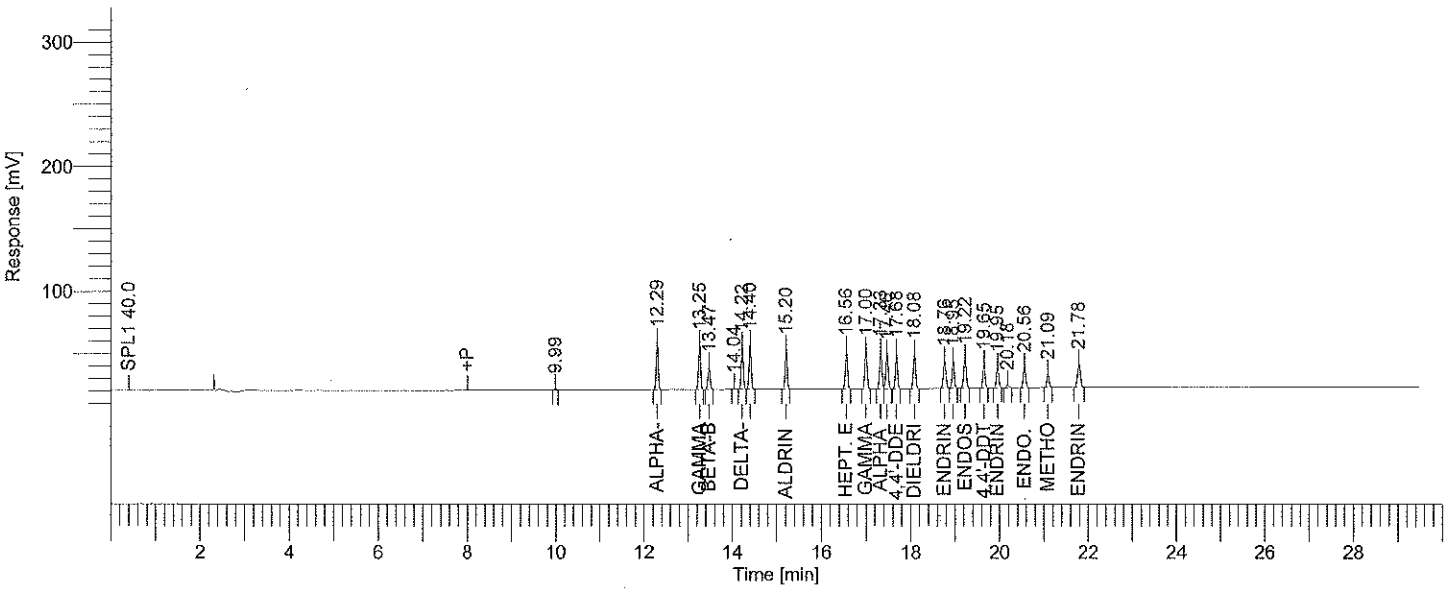
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.28	1538		B	0.00154	624.83
3	9.98	10248		B	0.01025	2948.82
4	10.94	1741		B	0.00174	572.50
5	12.29	726062	alpha-BHC (2C)	B	0.05000	230910.57
6	13.25	685272	gamma-BHC (2C)	B	0.05000	209785.75
7	13.46	297273	beta-BHC (2C)	B	0.05000	88241.61
8	14.03	6622		B	0.00662	1696.59
9	14.21	675667	delta-BHC (2C)	V	0.05000	203589.82
10	14.40	654283	Heptachlor (2C)	B	0.05000	197797.65
11	15.20	602751	Aldrin (2C)	B	0.05000	180007.00
12	15.34	1714		V	0.00171	600.03
13	16.14	4872		B	0.00487	1441.53
14	16.55	570594	Hept. epoxide (2C)	B	0.05000	163889.29
15	16.99	564286	gamma chlordane (2C)	B	0.05000	162750.42
16	17.32	535930	alpha chlordane (2C)	B	0.05000	152244.87
17	17.46	510028	Endosulfan I (2C)	V	0.05000	142663.58

09/28/2009 14:35:36 Result: H:\TURBO6\6890-06\6-SEQ46\6b46217.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
18	17.67	523133	4,4'-DDE (2C)	B	0.05000	159879.86
19	18.08	545745	Dieldrin (2C)	B	0.05000	151976.87
20	18.76	451106	Endrin (2C)	B	0.05000	120598.52
21	18.95	410305	4,4'-DDD (2C)	B	0.05000	119212.70
22	19.22	448221	Endosulfan II (2C)	B	0.05000	119255.84
23	19.64	365128	4,4'-DDT (2C)	B	0.05000	105163.40
24	19.95	309576	Endrin aldehyde (2C)	B	0.05000	78644.33
25	20.17	35768		V	0.03577	7773.43
26	20.56	337930	Endo. Sulfate (2C)	B	0.05000	87416.66
27	21.09	186269	Methoxychlor (2C)	B	0.05000	51370.70
28	21.55	2143		B	0.00214	562.70
29	21.78	427450	Endrin ketone (2C)	B	0.05000	95982.14
		9891653			1.06465	2.84e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 14:35:42
Reprocess Number	: buf2048: 98765		
Operator	: tchrom	Sample Name	: 9091538-CCV1
Sample Number	: 0.01	Study	: PEST ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/18
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 13:17:47	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46218.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46218.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46218.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46218.rst
Calib Method : h:\turbo6\6890-06\6b-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46218.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

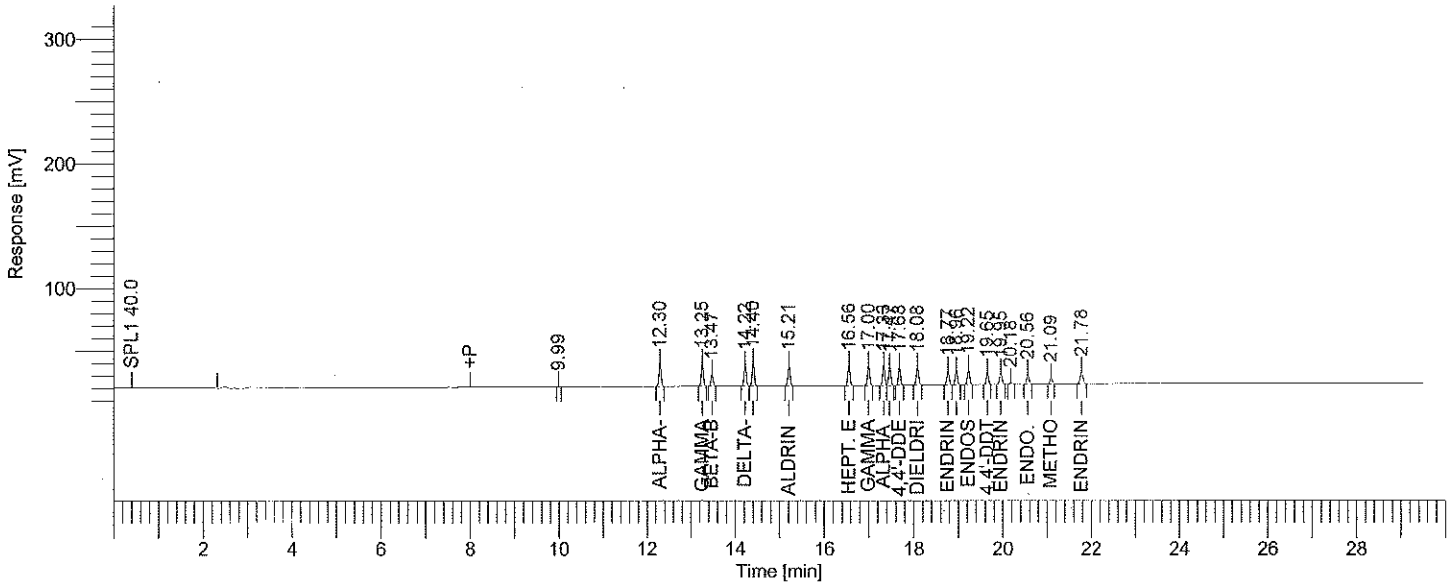
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.99	2975		B	0.00298	907.83
2	12.29	120055	alpha-BHC (2C)	B	0.01000	37653.06
3	13.25	118588	gamma-BHC (2C)	B	0.01000	35646.39
4	13.47	60227	beta-BHC (2C)	B	0.01000	17632.68
5	14.04	1850		B	0.00185	490.68
6	14.22	113668	delta-BHC (2C)	V	0.01000	33795.96
7	14.40	120303	Heptachlor (2C)	B	0.01000	35423.45
8	15.20	107512	Aldrin (2C)	B	0.01000	31439.00
9	16.56	109702	Hept. epoxide (2C)	B	0.01000	30656.28
10	17.00	105281	gamma chlordane (2C)	B	0.01000	30070.63
11	17.33	103223	alpha chlordane (2C)	B	0.01000	29010.23
12	17.46	97919	Endosulfan I (2C)	V	0.01000	27015.10
13	17.68	94267	4,4'-DDE (2C)	B	0.01000	28282.82
14	18.08	99979	Dieldrin (2C)	B	0.01000	27416.16
15	18.76	81893	Endrin (2C)	B	0.01000	21477.60
16	18.95	73742	4,4'-DDD (2C)	B	0.01000	21005.91

09/28/2009 14:35:42 Result: H:\TURBO6\6890-06\6-SEQ46\6b46218.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	19.22	87730	Endosulfan II (2C)	B	0.01000	22839.14
18	19.65	64793	4,4'-DDT (2C)	B	0.01000	18358.57
19	19.95	63995	Endrin aldehyde (2C)	B	0.01000	16146.27
20	20.18	8428		B	0.00843	1986.12
21	20.56	61952	Endo. Sulfate (2C)	B	0.01000	15862.73
22	21.09	36919	Methoxychlor (2C)	B	0.01000	10243.22
23	21.78	82589	Endrin ketone (2C)	B	0.01000	18305.33
		1817591			0.21325	511665.17

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 14:35:48
Reprocess Number	: buf2048: 98767		
Operator	: tchrom	Sample Name	: 9091537-CCV1
Sample Number	: 0.005	Study	: PEST ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/19
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 13:53:55	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46219.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46219.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46219.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46219.rst
Calib Method : h:\turbo6\6890-06\6b-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46219.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

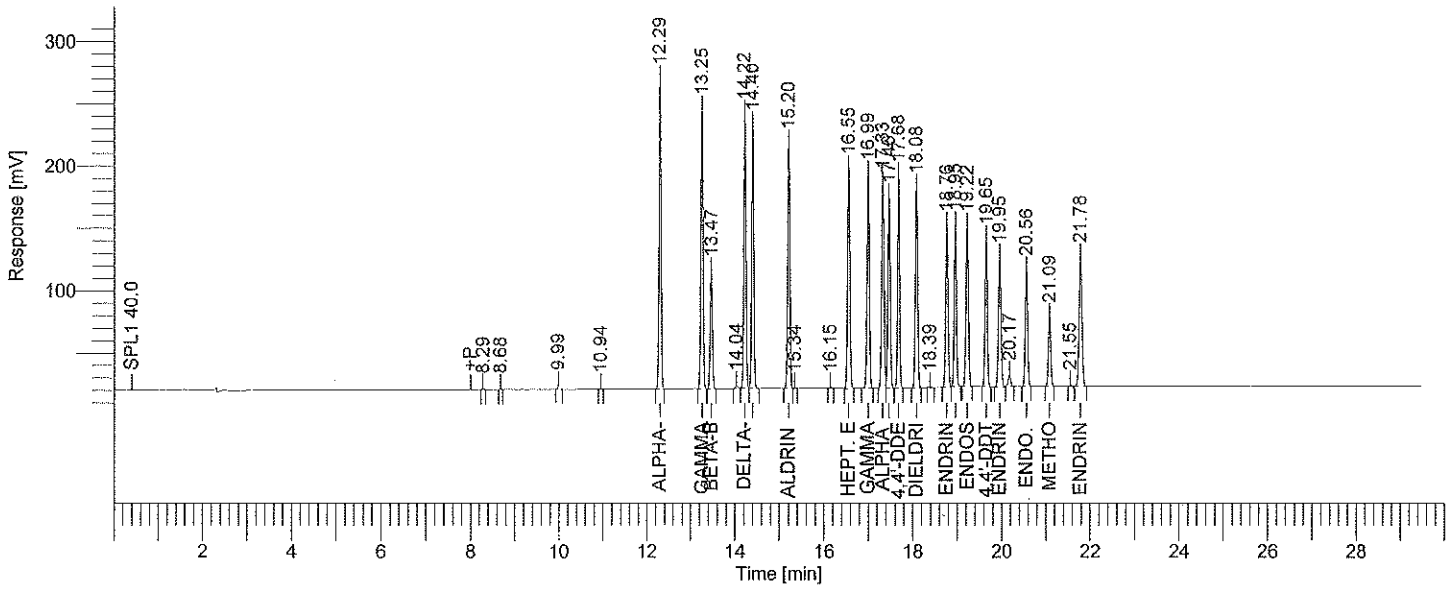
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.99	1681		B	0.00168	564.35
2	12.30	59168	alpha-BHC (2C)	B	0.00500	18230.78
3	13.25	59418	gamma-BHC (2C)	B	0.00500	17741.79
4	13.47	31441	beta-BHC (2C)	B	0.00500	9354.00
5	14.22	55689	delta-BHC (2C)	B	0.00500	16441.42
6	14.40	61458	Heptachlor (2C)	B	0.00500	18066.65
7	15.21	54557	Aldrin (2C)	B	0.00500	15912.56
8	16.56	56885	Hept. epoxide (2C)	B	0.00500	15948.20
9	17.00	54277	gamma chlordane (2C)	B	0.00500	15444.82
10	17.33	53787	alpha chlordane (2C)	B	0.00500	15001.26
11	17.47	50821	Endosulfan I (2C)	V	0.00500	14014.15
12	17.68	48054	4,4'-DDE (2C)	B	0.00500	14292.09
13	18.08	51412	Dieldrin (2C)	B	0.00500	14029.96
14	18.77	41045	Endrin (2C)	B	0.00500	10945.91
15	18.96	37299	4,4'-DDD (2C)	B	0.00500	10751.53
16	19.22	45469	Endosulfan II (2C)	B	0.00500	11894.82

09/28/2009 14:35:48 Result: H:\TURBO6\6890-06\6-SEQ46\6b46219.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	19.65	31589	4,4'-DDT (2C)	B	0.00500	9069.85
18	19.95	33689	Endrin aldehyde (2C)	B	0.00500	8619.24
19	20.18	4928		B	0.00493	1227.66
20	20.56	29241	Endo. Sulfate (2C)	B	0.00500	7655.72
21	21.09	17847	Methoxychlor (2C)	B	0.00500	5063.86
22	21.78	41786	Endrin ketone (2C)	B	0.00500	9413.88
		921539			0.10661	259684.50

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 14:59:56
Reprocess Number	: buf2048: 98769		
Operator	: tchrom	Sample Name	: 9091536
Sample Number	: 0.05	Study	: ALT PEST
AutoSampler	: BUILT-IN	Rack/Vial	: 1/20
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.48 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	: 09/28/2009 14:29:42	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46220.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46220.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46220.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46220.rst
Calib Method : h:\turbo6\6890-06\6b-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46220.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
12.29	BB	775151	alpha-BHC (2C)	0.05207	247698.29	4.1	12.24 -	12.34
13.25	BB	730576	gamma-BHC (2C)	0.05262	222961.47	5.2	13.20 -	13.30
13.47	BB	315628	beta-BHC (2C)	0.05423	93583.58	8.5	13.42 -	13.52
14.22	VB	721298	delta-BHC (2C)	0.05212	218695.34	4.2	14.17 -	14.27
14.40	BB	698323	Heptachlor (2C)	0.05318	210138.63	6.4	14.35 -	14.45
15.20	BV	658835	Aldrin (2C)	0.05418	195387.61	8.4	15.15 -	15.25
16.55	BB	612069	Hept. epoxide (2C)	0.05390	175208.17	7.8	16.50 -	16.60
16.99	BB	589482	gamma chlordane (2C)	0.05219	170091.59	4.4	16.94 -	17.04
17.33	BV	571505	alpha chlordane (2C)	0.05350	162931.03	7.0	17.28 -	17.38
17.46	VB	540382	Endosulfan I (2C)	0.05332	151728.11	6.6	17.41 -	17.51
17.68	BB	556831	4,4'-DDE (2C)	0.05251	168740.63	5.0	17.63 -	17.73
18.08	BB	571728	Dieldrin (2C)	0.05196	159471.55	3.9	18.03 -	18.13
18.76	BB	471577	Endrin (2C)	0.05158	127953.29	3.2	18.71 -	18.81
18.95	BB	440232	4,4'-DDD (2C)	0.05312	128451.96	6.2	18.90 -	19.00
19.22	BB	478225	Endosulfan II (2C)	0.05349	127188.19	7.0	19.17 -	19.27
19.65	BB	406381	4,4'-DDT (2C)	0.05350	117293.35	7.0	19.60 -	19.70

09/28/2009 14:59:56 Result: H:\TURBO6\6890-06\6-SEQ46\6b46220.rst

Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng		RT Window	-	Relative
19.95	BV	396768	Endrin aldehyde (2C)	0.06537	102332.27	30.7	A	19.90	-	20.00
20.56	BB	355975	Endo. Sulfate (2C)	0.05137	92278.04	2.7		20.51	-	20.61
21.09	BB	200517	Methoxychlor (2C)	0.05420	54742.12	8.4		21.04	-	21.14
21.78	BB	455895	Endrin ketone (2C)	0.05245	102679.19	4.9		21.73	-	21.83
		10547378		1.07087	3.03e+06					

(Use IN)3 Mix for E. Aldehyde)

Missing Component Report

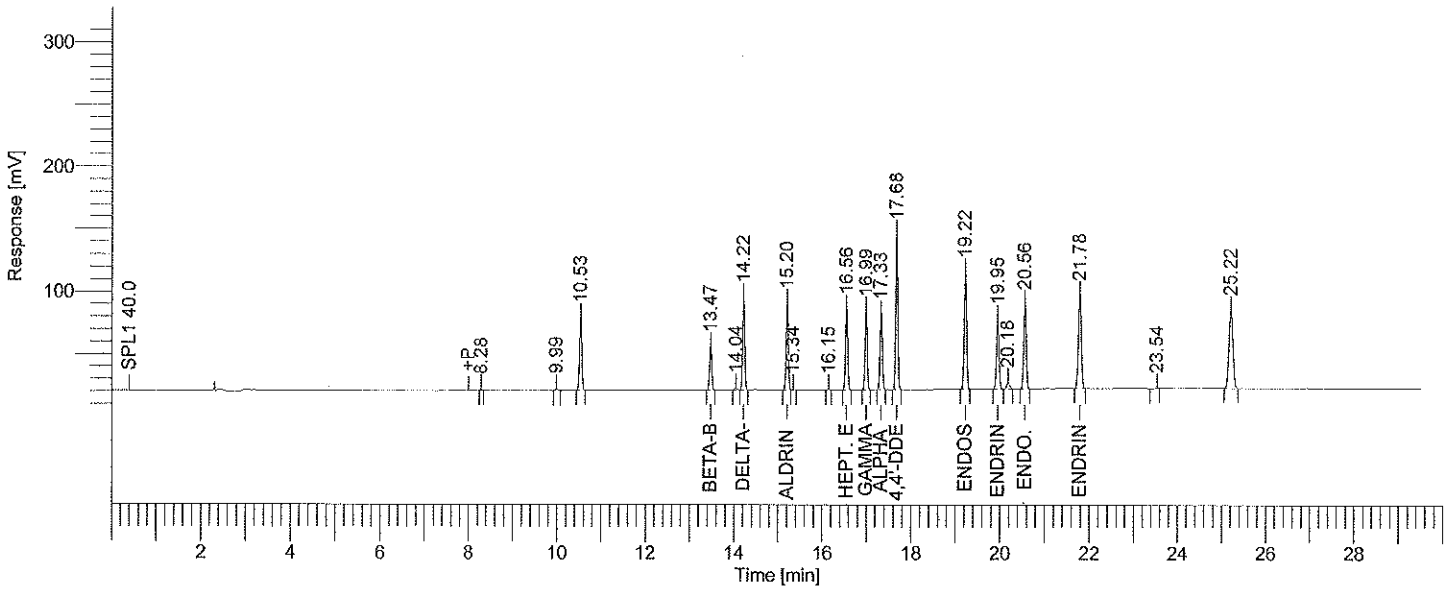
Component	Expected Retention (Calibration File)

All components were found

SEP 29 2009

Software Version	: 6.2.1.0.104:0104	Date	: 09/28/2009 15:39:18
Reprocess Number	: buf2048: 98783		
Operator	: tchrom	Sample Name	: 9040971
Sample Number	:	Study	: INDBM MIX
AutoSampler	: BUILT-IN	Rack/Vial	: 1/21
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 15:09:19	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46221.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46221.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46221.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46221.rst
Calib Method : h:\turbo6\6890-06\6b-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46221.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.28	2154		B	0.00215	789.88
2	9.99	4560		B	0.00456	1290.79
3	10.53	186087		B	0.18609	57791.62
4	13.47	115953	beta-BHC (2C)	B	0.01927	34197.17
5	14.04	5565		B	0.00556	1346.38
6	14.22	246214	delta-BHC (2C)	V	0.01915	73679.02
7	15.20	233202	Aldrin (2C)	B	0.01983	68875.58
8	15.34	2374		V	0.00237	754.56
9	16.15	1913		B	0.00191	572.16
10	16.56	230366	Hept. epoxide (2C)	B	0.02030	64609.97
11	16.99	221472	gamma chlordane (2C)	B	0.01990	62750.53
12	17.33	213183	alpha chlordane (2C)	B	0.02001	59870.93
13	17.68	407707	4,4'-DDE (2C)	B	0.03878	123716.95
14	19.22	353241	Endosulfan II (2C)	B	0.03951	93100.90
15	19.95	217415	Endrin aldehyde (2C)	B	0.03537	55325.34
16	20.18	22104		V	0.02210	4696.22

Use for Jwc Surr Endrin Aldehyde

SEP 29 2009

-10.8%

09/28/2009 15:39:18 Result: H:\TURBO6\6890-06\6-SEQ46\6b46221.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	20.56	260224	Endo. Sulfate (2C)	B	0.03807	67122.65
18	21.78	328353	Endrin ketone (2C)	B	0.03810	73973.56
19	23.54	2405		B	0.00241	155.40
20	25.22	367062		B	0.36706	62019.88
		3421553			0.90251	906639.51

TotalChrom Method File H:\TURBO6\6890-06\6a-SURR-(09-28-09).mth
Printed by : NearyM on: 09/29/2009 07:41:51
Created by : NearyM on: 09/29/2009 07:32:39
Edited by : NearyM on: 09/29/2009 07:41:46
Number of Times Edited : 1
Number of Times Calibrated : 2656
Description: CURVE 07-23-09

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

Processed by: NMN 9.28.09
Reviewed by: SEP 29 2009

Component Information

Tetrachloro-m-xylene
Component Type : Single Peak Component
Retention Time : 9.178 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	119169.00	37708.67	----------	----------	1
B	0.0100	232827.30	73832.26	----------	----------	1
C	0.0500	1250293.00	404388.28	----------	----------	1
D	0.0750	1927388.00	622331.90	----------	----------	1
E	0.1000	2577555.80	837450.45	----------	----------	1

Calibration Curve : y = (-23852.108321) + (25943723.506686)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999825

Decachlorobiphenyl
Component Type : Single Peak Component
Retention Time : 22.082 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%

09/29/2009 07:41:51 Method: H:\TURBO6\6890-06\6a-SURR-(09-28-09).mth

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

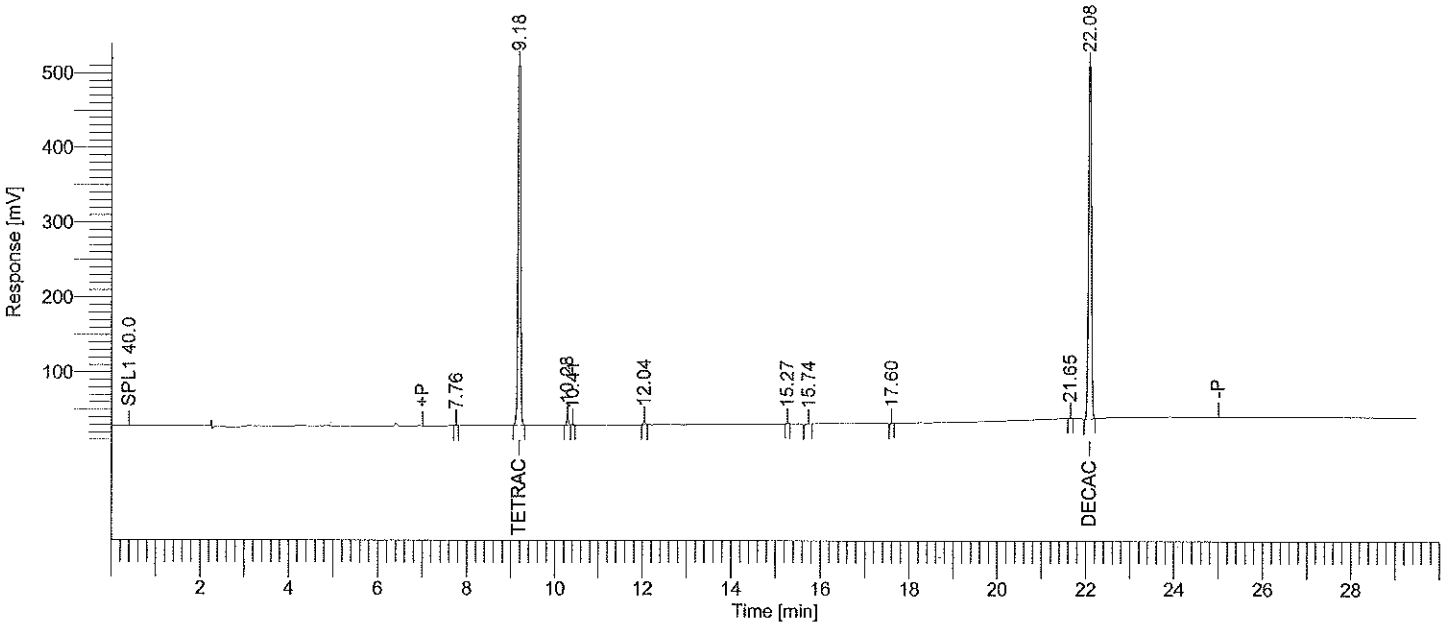
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	128712.70	31295.74	----------	----------	1
B	0.0100	242343.40	58421.16	----------	----------	1
C	0.0500	1139436.40	277998.06	----------	----------	1
D	0.0750	1714333.60	416324.66	----------	----------	1
E	0.1000	2250104.70	557451.05	----------	----------	1

Calibration Curve : y = (19246.754829) + (22411237.607727)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999906

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:38:55
Reprocess Number	: buf2048: 98788		
Operator	: tchrom	Sample Name	: 9090851
Sample Number	:	Study	: SURR ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/22
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 15:45:08	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46222.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46222.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46222.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46222.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46222.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq

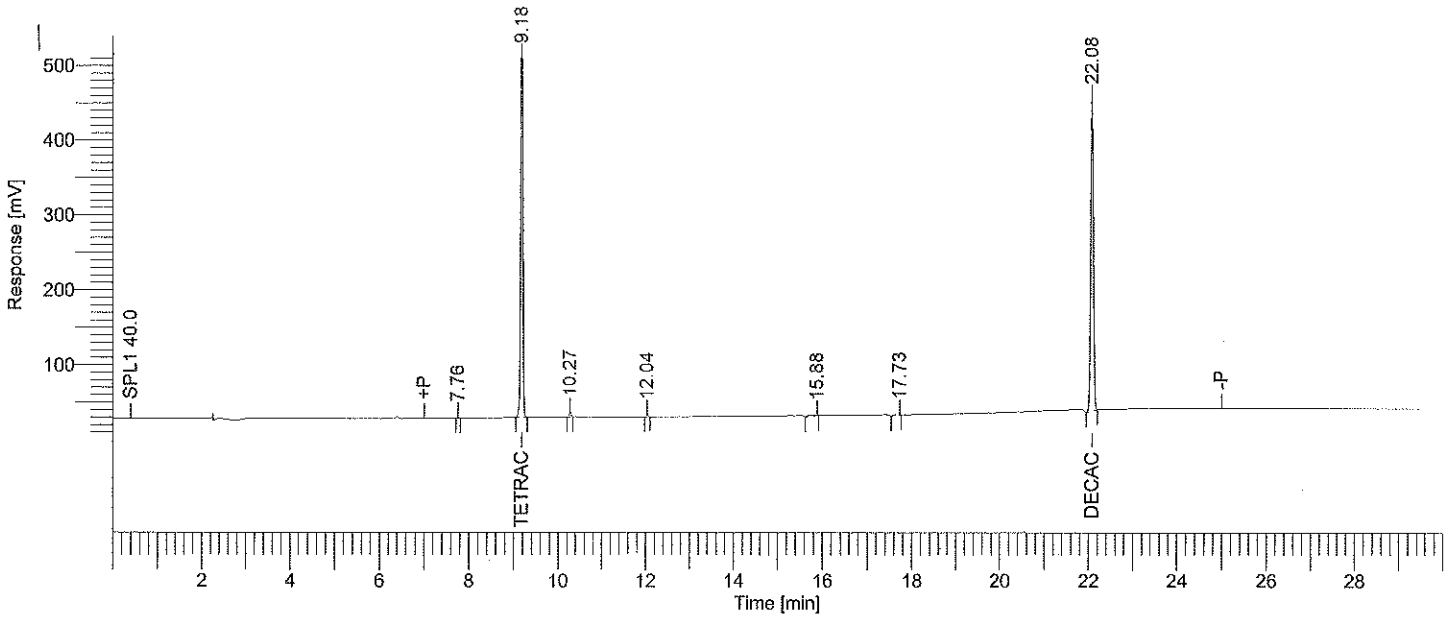


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.76	4024		B	0.00402	1539.26
2	9.18	2577556	Tetrachloro-m-xylene	B	0.10000	837450.45
3	10.28	27548		B	0.02755	8694.39
4	10.41	4273		V	0.00427	1343.60
5	12.04	12675		B	0.01267	3964.44
6	15.27	3611		B	0.00361	1175.29
7	15.74	10109		B	0.01011	940.98
8	17.60	3484		B	0.00348	764.44
9	21.65	4503		B	0.00450	1224.55
10	22.08	2250105	Decachlorobiphenyl	B	0.10000	557451.05
		4897887			0.27023	1.41e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:39:02
Reprocess Number	: buf2048: 98790		
Operator	: tchrom	Sample Name	: 9090852
Sample Number	:	Study	: SURR ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/23
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 16:21:11	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46223.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46223.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46223.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46223.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46223.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq

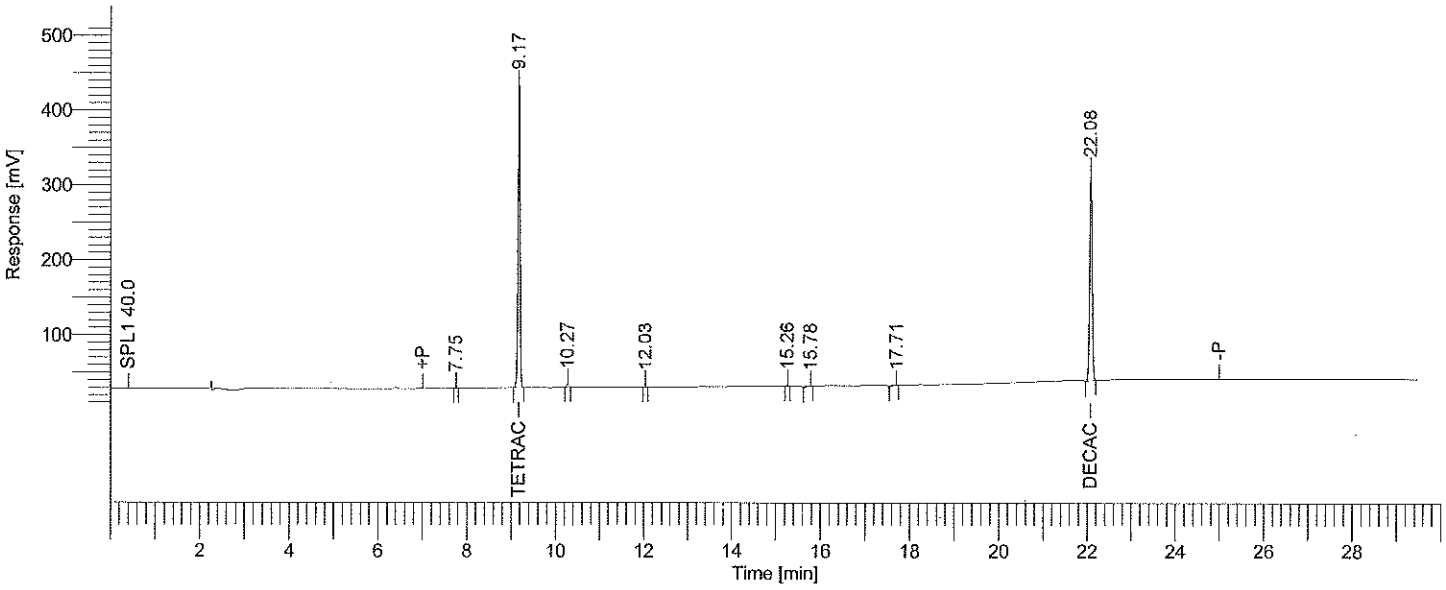


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.76	3265		B	0.00327	1257.79
2	9.18	1927388	Tetrachloro-m-xylene	B	0.07500	622331.90
3	10.27	20811		B	0.02081	6632.07
4	12.04	9698		B	0.00970	3019.31
5	15.88	16465		B	0.01647	332.43
6	17.73	8462		B	0.00846	290.59
7	22.08	1714334	Decachlorobiphenyl	B	0.07500	416324.66
		3700423			0.20870	1.05e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:39:08
Reprocess Number	: buf2048: 98792		
Operator	: tchrom	Sample Name	: 9090254
Sample Number	:	Study	: SURR ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/24
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.48 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 16:57:02	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46224.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46224.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46224.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46224.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46224.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq

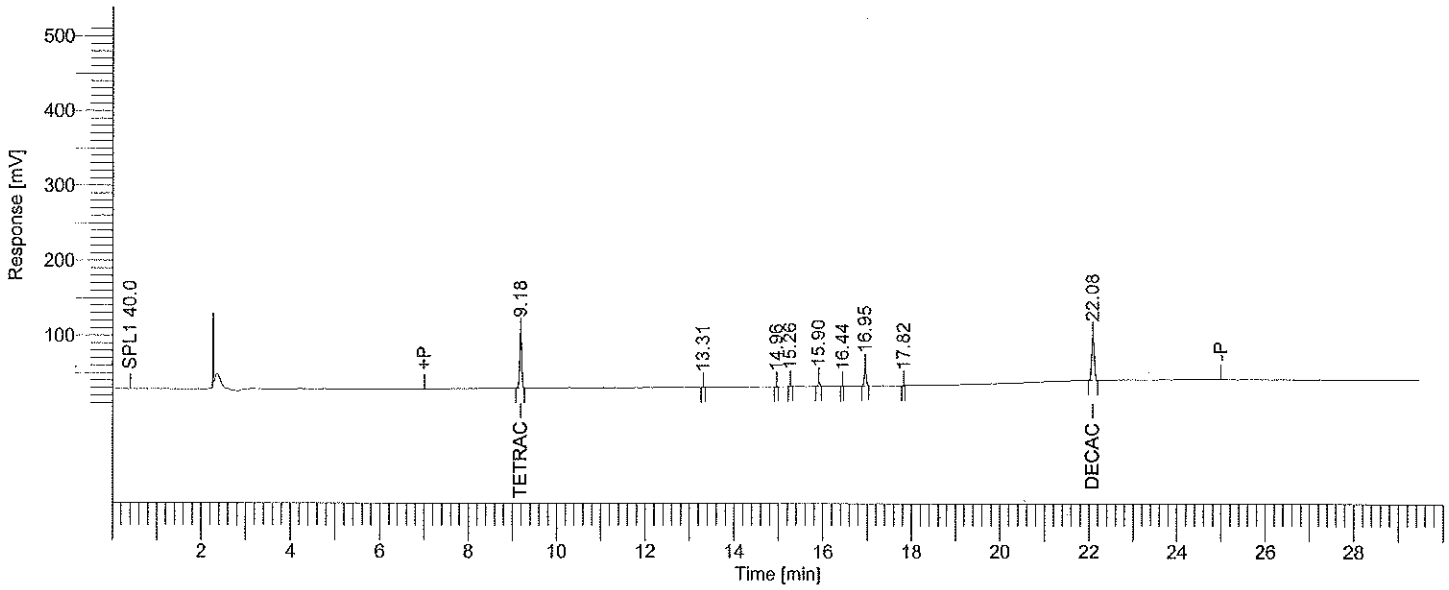


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.75	4019		B	0.00402	1552.76
2	9.17	1250293	Tetrachloro-m-xylene	B	0.05000	404388.28
3	10.27	13834		B	0.01383	4384.93
4	12.03	6207		B	0.00621	1999.92
5	15.26	4751		B	0.00475	1545.13
6	15.78	9458		B	0.00946	486.72
7	17.71	8157		B	0.00816	378.03
8	22.08	1139436	Decachlorobiphenyl	B	0.05000	277998.06
		2436156			0.14643	692733.81

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:39:14
Reprocess Number	: buf2048: 98794		
Operator	: tchrom	Sample Name	: 9091567
Sample Number	:	Study	: SURR ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/25
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.46 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 17:33:00	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46225.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46225.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46225.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46225.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46225.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq

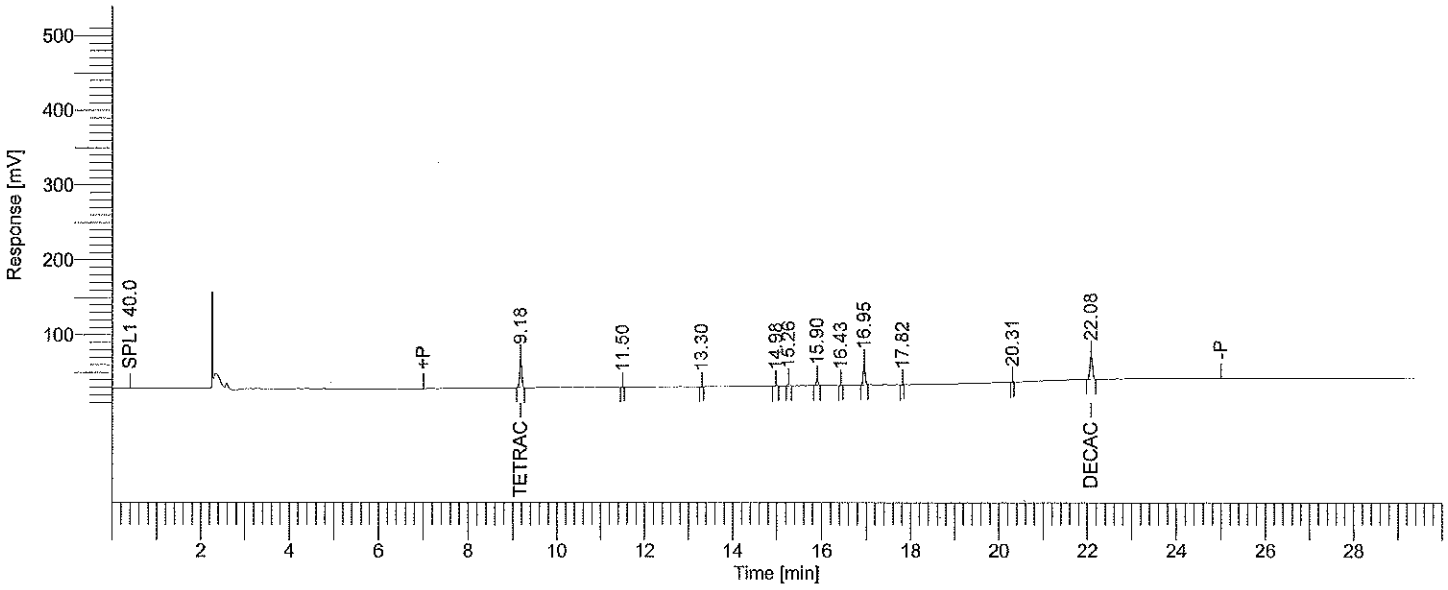


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.18	232827	Tetrachloro-m-xylene	B	0.01000	73832.26
2	13.31	1874		B	0.00187	441.36
3	14.96	1603		B	0.00160	421.21
4	15.26	5873		B	0.00587	1906.90
5	15.90	16303		B	0.01630	5453.39
7	16.95	69072		B	0.06907	23372.53
9	22.08	242343	Decachlorobiphenyl	B	0.01000	58421.16
		569896			0.11473	163848.82

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:39:19
Reprocess Number	: buf2048: 98796		
Operator	: tchrom	Sample Name	: 9091568
Sample Number	:	Study	: SURR ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/26
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 18:09:00	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46226.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46226.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46226.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46226.rst
Calib Method : h:\turbo6\6890-06\6a-surr-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46226.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.18	119169	Tetrachloro-m-xylene	B	0.00500	37708.67
3	13.30	1909		B	0.00191	563.43
4	14.98	5695		B	0.00569	1227.17
5	15.26	9276		B	0.00928	2879.47
6	15.90	20090		B	0.02009	6500.46
7	16.43	2728		B	0.00273	1013.87
8	16.95	82411		B	0.08241	27412.17
11	22.08	128713	Decachlorobiphenyl	B	0.00500	31295.74
		369990			0.13211	108600.99

TotalChrom Method File H:\TURBO6\6890-06\6B-SURR-(09-28-09).mth
Printed by : NearyM on: 09/29/2009 07:42:32
Created by : NearyM on: 09/29/2009 07:33:44
Edited by : NearyM on: 09/29/2009 07:42:27
Number of Times Edited : 1
Number of Times Calibrated : 2641
Description: CURVE 07-23-09

Processed by: MN 9/28/09
Reviewed by: SEP 29 2009

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 (2C)
Component Type : Single Peak Component
Retention Time : 10.530 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	46383.70	14157.08	----------	----------	1
B	0.0100	88928.00	26974.68	----------	----------	1
C	0.0500	463292.40	144422.53	----------	----------	1
D	0.0750	714487.80	225268.81	----------	----------	1
E	0.1000	952166.50	300154.47	----------	----------	1

Calibration Curve : y = (-5955.632689) + (9562652.347697)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999815

Decachlorobiphenyl (2C)
Component Type : Single Peak Component
Retention Time : 25.216 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%

09/29/2009 07:42:32 Method: H:\TURBO6\6890-06\6B-SURR-(09-28-09).mth

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

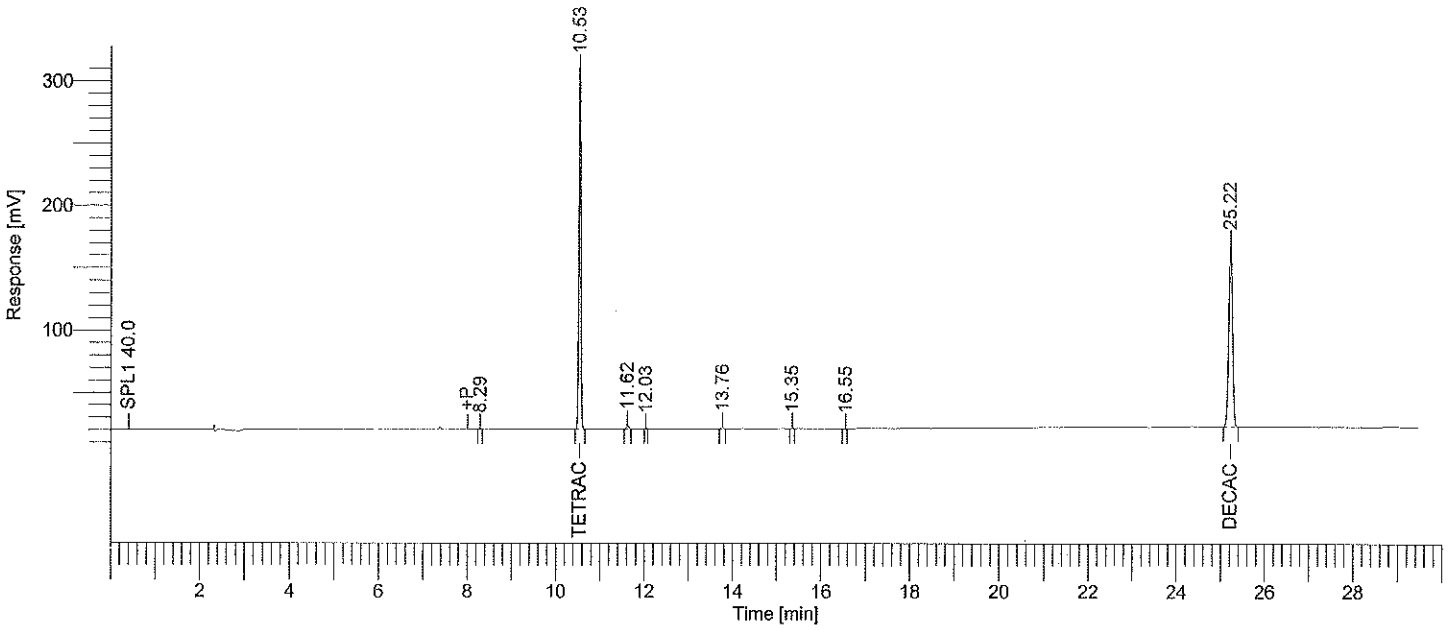
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	0.0050	55059.20	9412.32	----------	----------	1
B	0.0100	101855.50	17168.59	----------	----------	1
C	0.0500	448912.60	75947.00	----------	----------	1
D	0.0750	660225.60	111823.85	----------	----------	1
E	0.1000	855718.50	145686.58	----------	----------	1

Calibration Curve : y = (17936.041902) + (8467046.627043)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999548

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:38:59
Reprocess Number	: buf2048: 98789		
Operator	: tchrom	Sample Name	: 9090851
Sample Number	:	Study	: SURR ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/22
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 15:45:08	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46222.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46222.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46222.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46222.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46222.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq

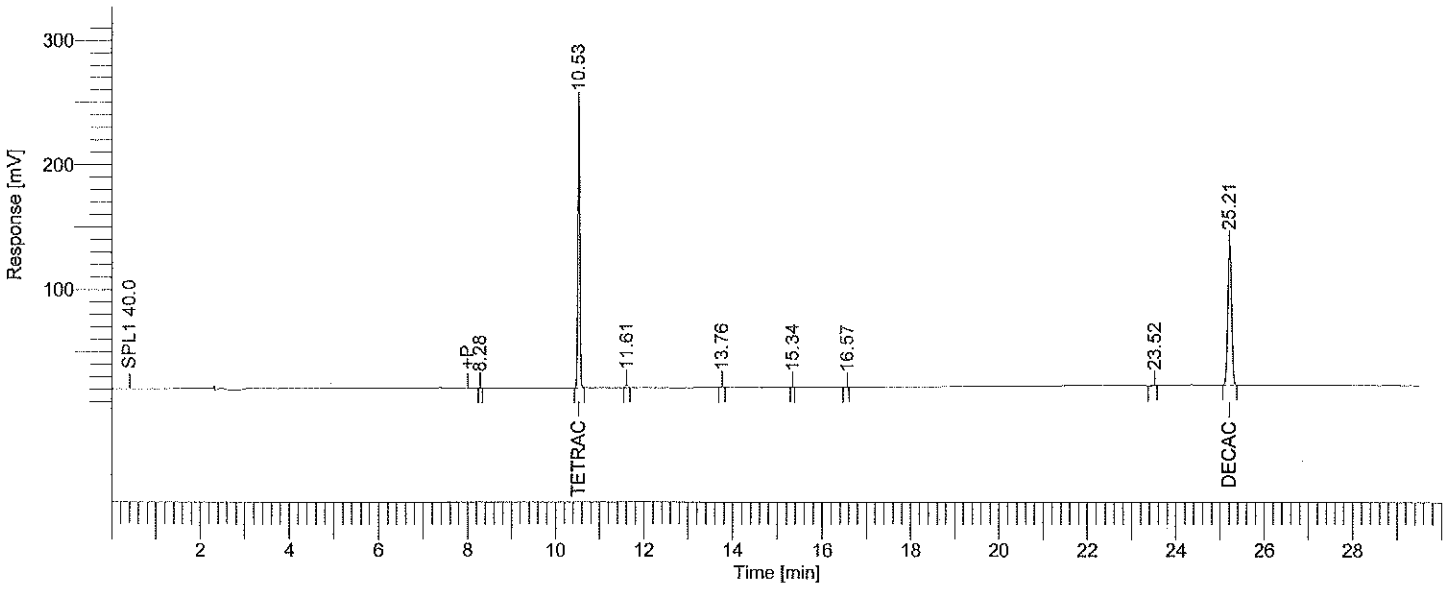


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.29	2555		B	0.00256	958.06
2	10.53	952167	Tetrachloro-m-xylene (	B	0.10000	300154.47
3	11.62	10373		B	0.01037	3188.12
5	13.76	5210		B	0.00521	1543.38
6	15.35	2222		B	0.00222	721.27
8	25.22	855719	Decachlorobiphenyl (2C	B	0.10000	145686.58
		1828244			0.22036	452251.87

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:39:05
Reprocess Number	: buf2048: 98791		
Operator	: tchrom	Sample Name	: 9090852
Sample Number	:	Study	: SURR ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/23
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 16:21:11	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46223.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46223.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46223.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46223.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46223.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq

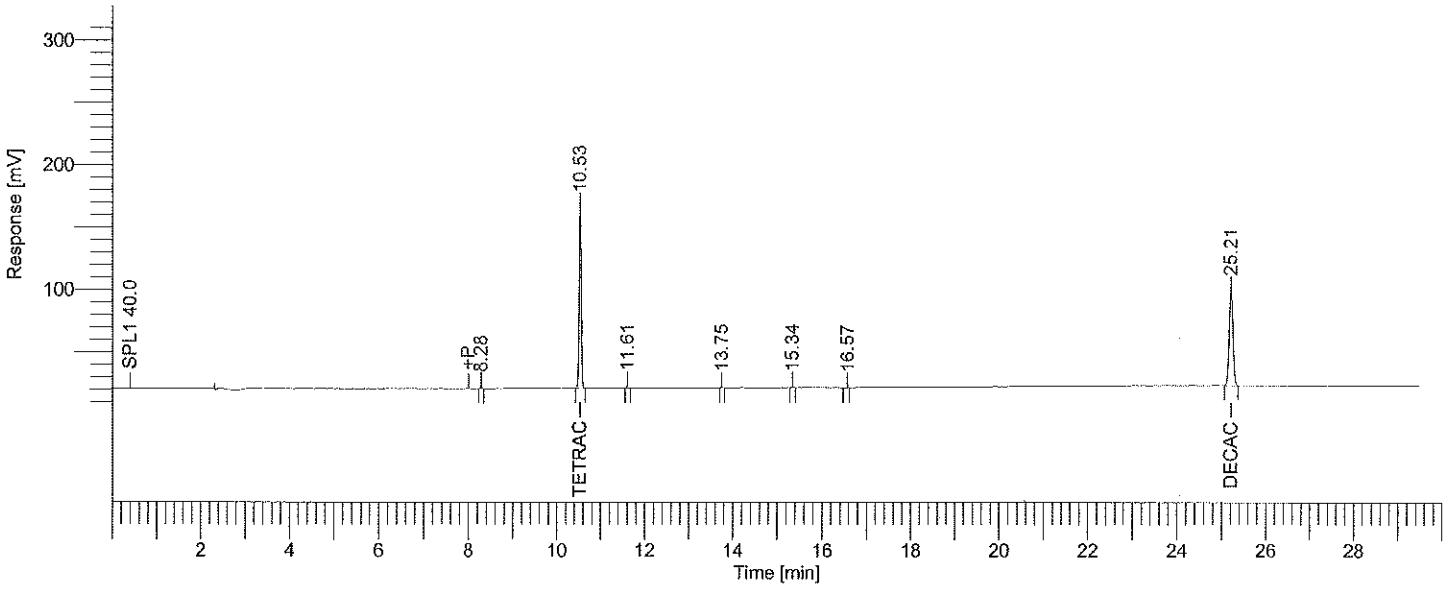


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.28	2032		B	0.00203	782.37
2	10.53	714488	Tetrachloro-m-xylene (	B	0.07500	225268.81
3	11.61	7703		B	0.00770	2333.89
4	13.76	4012		B	0.00401	1191.52
5	15.34	1966		B	0.00197	644.24
7	23.52	2725		B	0.00273	200.73
8	25.21	660226	Decachlorobiphenyl (2C	B	0.07500	111823.85
		1393151			0.16844	342245.41

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:39:11
Reprocess Number	: buf2048: 98793		
Operator	: tchrom	Sample Name	: 9090254
Sample Number	:	Study	: SURR ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/24
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.48 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 16:57:02	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46224.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46224.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46224.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46224.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46224.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq

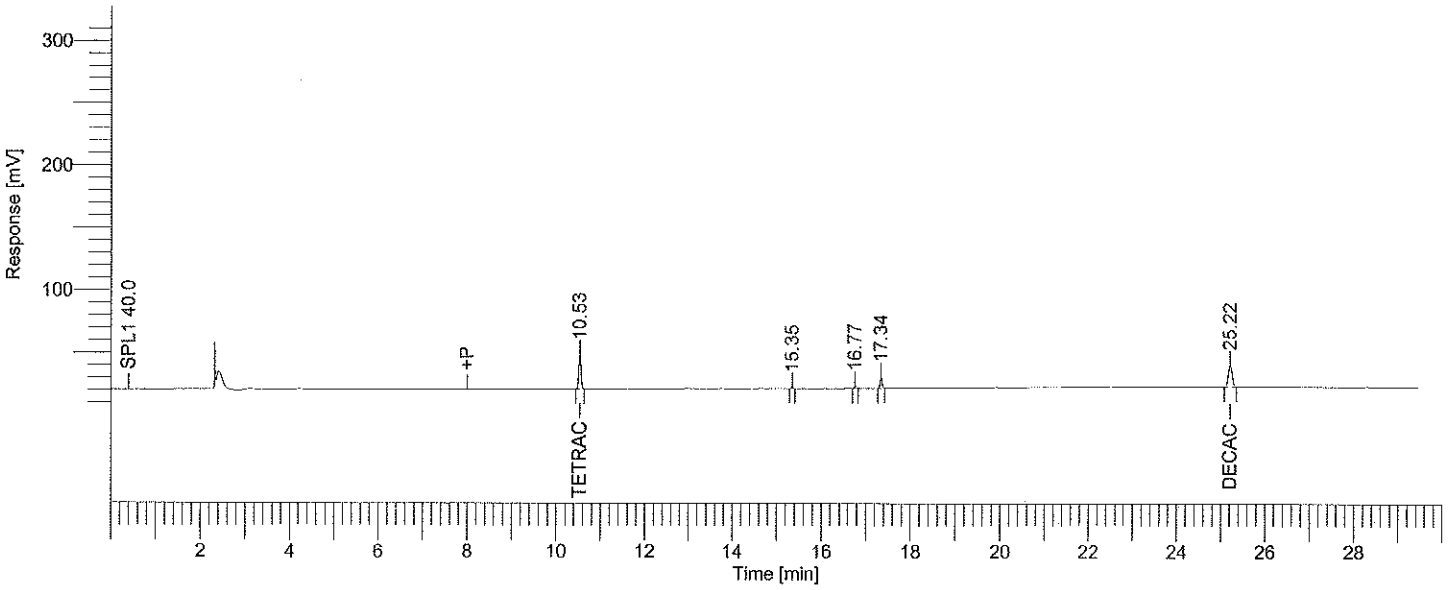


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.28	2614		B	0.00261	959.16
2	10.53	463292	Tetrachloro-m-xylene (	B	0.05000	144422.53
3	11.61	4974		B	0.00497	1549.23
4	13.75	2502		B	0.00250	769.22
5	15.34	2844		B	0.00284	889.46
7	25.21	448913	Decachlorobiphenyl (2C	B	0.05000	75947.00
		925139			0.11293	224536.60

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:39:17
Reprocess Number	: buf2048: 98795		
Operator	: tchrom	Sample Name	: 9091567
Sample Number	:	Study	: SURR ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/25
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.46 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 17:33:00	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46225.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46225.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46225.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46225.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46225.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq

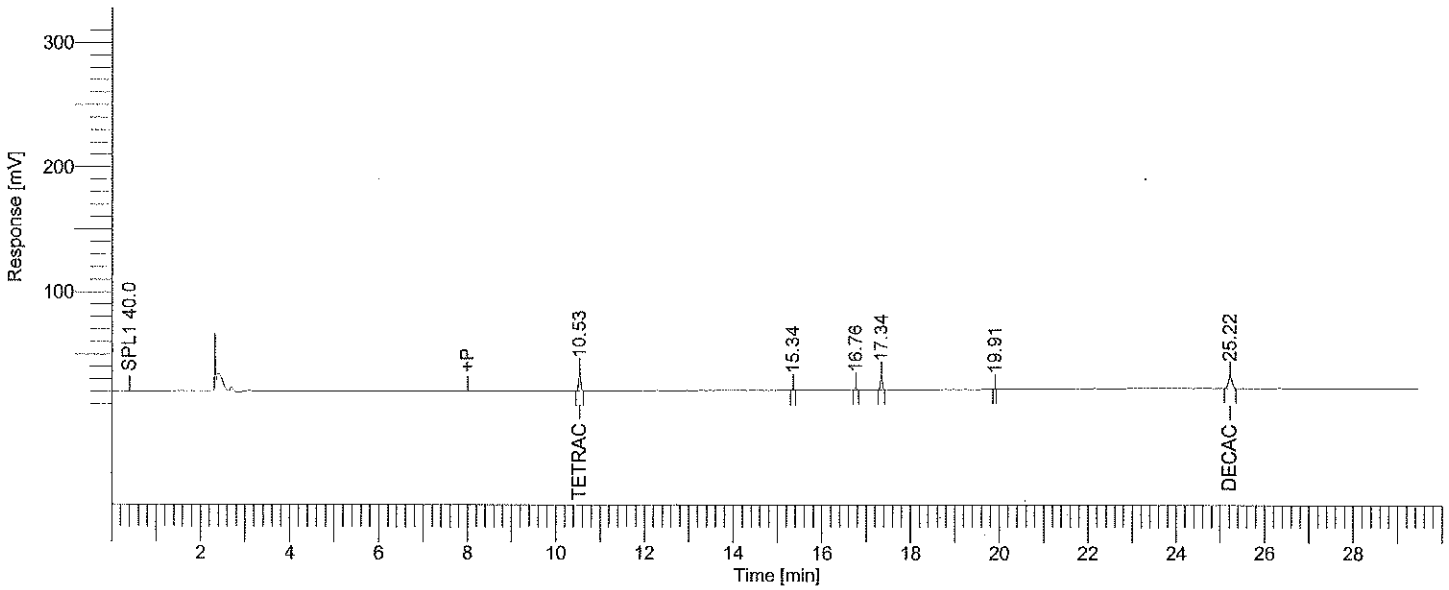


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	10.53	88928	Tetrachloro-m-xylene (	B	0.01000	26974.68
2	15.35	3129		B	0.00313	966.02
3	16.77	5309		B	0.00531	1849.56
4	17.34	26340		B	0.02634	8830.67
5	25.22	101856	Decachlorobiphenyl (2C	B	0.01000	17168.59
		225561			0.05478	55789.53

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:39:22
Reprocess Number	: buf2048: 98797		
Operator	: tchrom	Sample Name	: 9091568
Sample Number	:	Study	: SURR ICAL
AutoSampler	: BUILT-IN	Rack/Vial	: 1/26
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 18:09:00	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46226.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46226.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46226.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46226.rst
Calib Method : h:\turbo6\6890-06\6b-surr-(09-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46226.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq

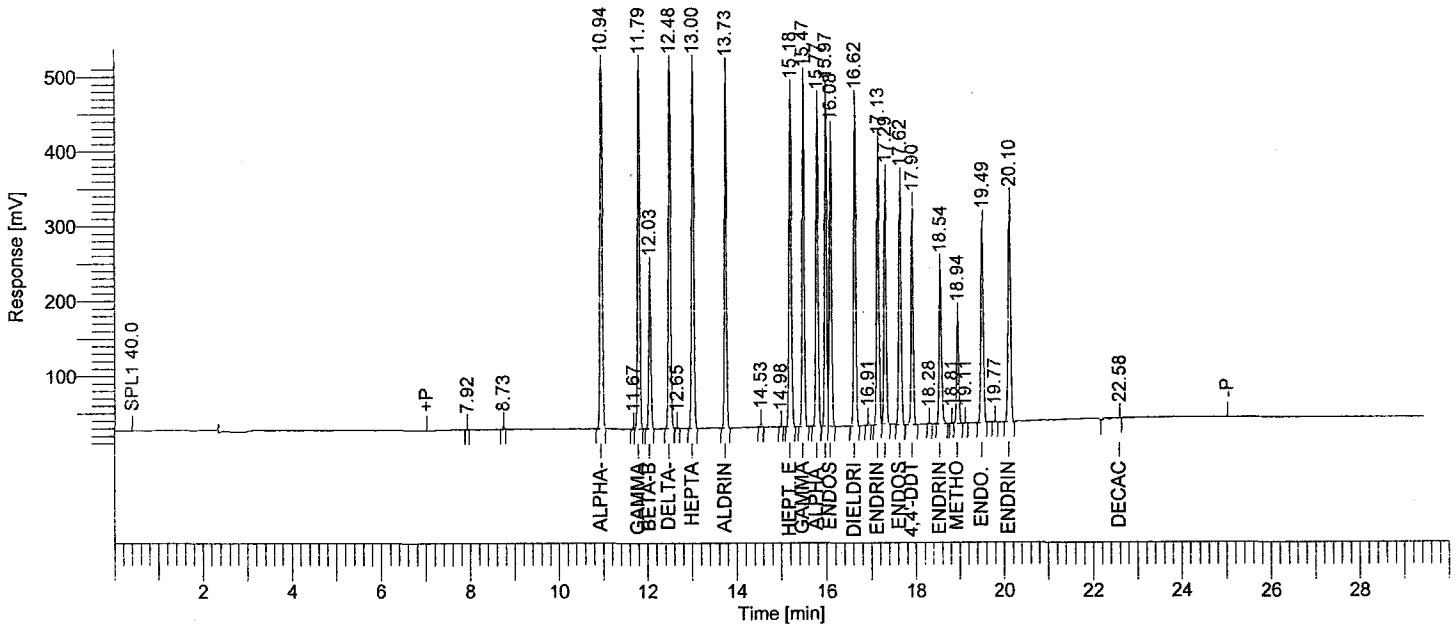


HP 6890-06 "A" RTXCLP I/ "B" RTXCLP II

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	10.53	46384	Tetrachloro-m-xylene (	B	0.00500	14157.08
2	15.34	3325		B	0.00333	1051.26
3	16.76	6319		B	0.00632	2197.69
4	17.34	31464		B	0.03146	10498.29
6	25.22	55059	Decachlorobiphenyl (2C	B	0.00500	9412.32
		142551			0.05111	37316.64

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 08:17:24
Reprocess Number	: buf2048: 98508		
Operator	: tchrom	Sample Name	: 9090864-CCV2
Sample Number	:	Study	: 8081
AutoSampler	: BUILT-IN	Rack/Vial	: 1/76
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 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	: 09/25/2009 01:59:14	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46176.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46176.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46176.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46176.rst
Calib Method : h:\turbo6\6890-06\6a-pest(07-23-09)surr(07-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6A46176.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.94	BB	1809285	alpha-BHC	0.06075	593528.82	21.5	10.89 -	10.99
11.79	VB	1634067	gamma-BHC	0.05991	518398.24	19.8	11.74 -	11.84
12.03	BB	678526	beta-BHC	0.06102	210064.87	22.0	11.98 -	12.08
12.48	BB	1660958	delta-BHC	0.05958	520664.23	19.2	12.43 -	12.53
13.00	BB	1602279	Heptachlor	0.06249	502022.19	25.0	12.95 -	13.05
13.73	BB	1526683	Aldrin	0.06236	475848.51	24.7	13.68 -	13.78
15.18	BB	1477954	Hept. epoxide	0.05952	444138.34	19.0	15.13 -	15.23
15.47	BB	1512498	gamma chlordane	0.05741	459590.23	14.8	15.42 -	15.52
15.77	BB	1434712	alpha chlordane	0.05928	428845.05	18.6	15.72 -	15.82
15.97	BV	1415663	4,4'-DDE	0.05550	442803.85	11.0	15.92 -	16.02
16.08	VB	1331935	Endosulfan I	0.05594	387382.45	11.9	16.03 -	16.13
16.62	BB	1457390	Dieldrin	0.05335	429237.57	6.7	16.57 -	16.67
17.13	BB	1269438	Endrin	0.05198	366144.71	4.0	17.08 -	17.18
17.29	BB	1061333	4,4'-DDD	0.04893	327357.41	-2.1	17.24 -	17.34
17.62	BB	1159125	Endosulfan II	0.05023	324150.73	0.5	17.57 -	17.67
17.90	BB	964102	4,4'-DDT	0.04287	290786.26	-14.3	17.85 -	17.95
18.54	BB	764171	Endrin aldehyde	0.04413	206923.19	-11.7	18.49 -	18.59

9/25/09 mm

09/25/2009 08:17:24 Result: H:\TURBO6\6890-06\6-SEQ46\6A46176.rst

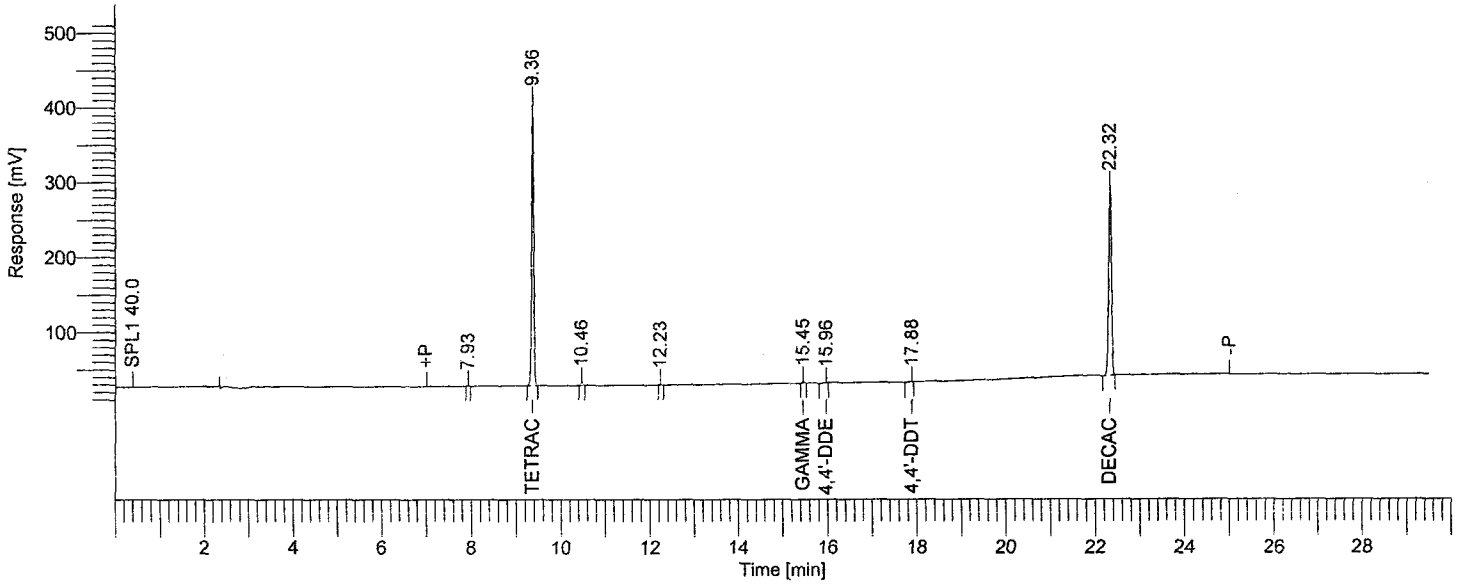
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
18.94	VB	478991	Methoxychlor	0.04095	141374.29	-18.1	18.89 -	18.99
19.49	BB	979151	Endo. Sulfate	0.04629	264498.42	-7.4	19.44 -	19.54
20.10	BB	1119695	Endrin ketone	0.04570	292901.31	-8.6	20.05 -	20.15
22.58	BB	30951	Decachlorobiphenyl	7.64e-04	260.06	-98.5	22.53 -	22.63
		25368909		1.07895	7.63e+06			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	9.380

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 08:17:31
Reprocess Number	: buf2048: 98510		
Operator	: tchrom	Sample Name	: 9090254-CCV2
Sample Number	:	Study	: SURR
AutoSampler	: BUILT-IN	Rack/Vial	: 1/77
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 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	: 09/25/2009 02:35:12	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46177.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46177.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46177.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46177.rst
Calib Method : h:\turbo6\6890-06\6a-pest(07-23-09)surr(07-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6A46177.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
9.36	BB	1174746	Tetrachloro-m-xylene	0.06974	379597.70	39.5	9.31 -	9.41
15.45	BB	8273	gamma chlordane	0.00213	2494.50	-97.7	15.40 -	15.50
15.96	BB	6282	4,4'-DDE	0.00263	310.50	-94.7	15.91 -	16.01
17.88	BB	7316	4,4'-DDT	0.00243	377.32	-95.1	17.83 -	17.93
22.32	BB	1082008	Decachlorobiphenyl	0.04769	252357.13	-4.6	22.27 -	22.37
		2278625		0.12463	635137.15			

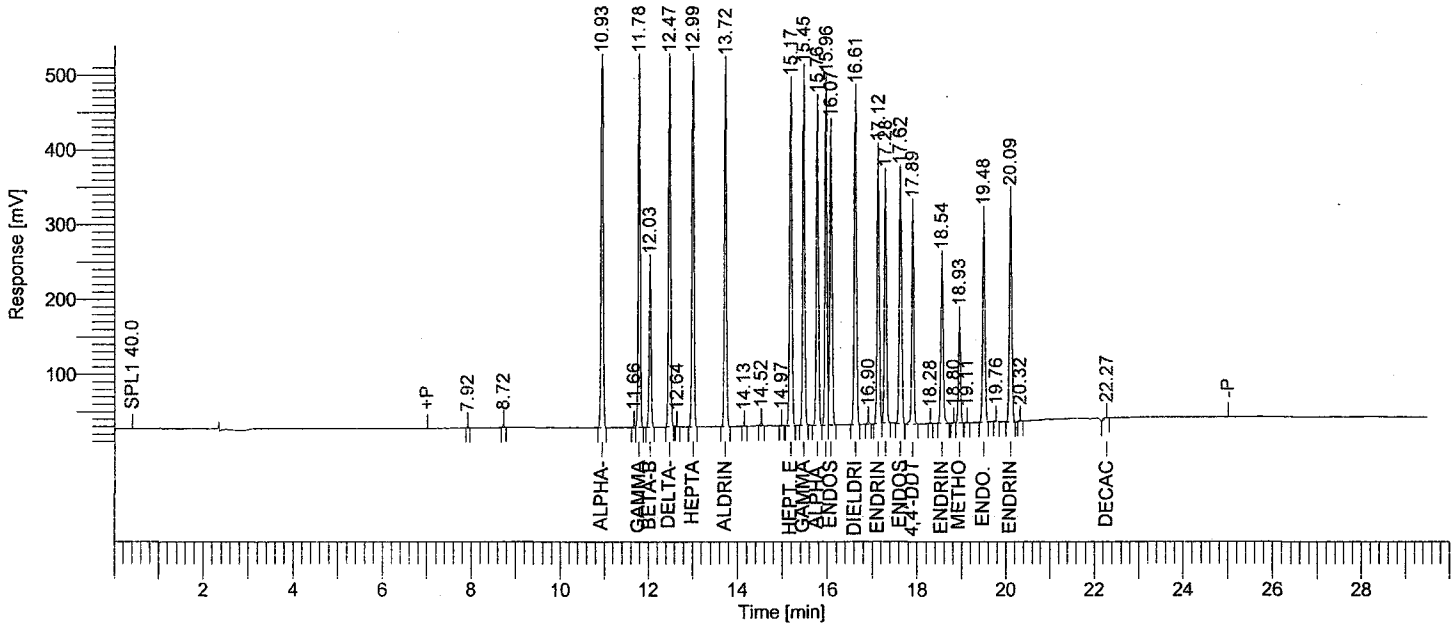
9/25/09 mm

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	10.938
gamma-BHC	11.787
beta-BHC	12.034
delta-BHC	12.478
Heptachlor	12.999
Aldrin	13.731
Hept. epoxide	15.180
alpha chlordane	15.770
Endosulfan I	16.075

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 08:18:19
Reprocess Number	: buf2048: 98526		
Operator	: tchrom	Sample Name	: 9090864-CCV3
Sample Number	:	Study	: 8081
AutoSampler	: BUILT-IN	Rack/Vial	: 1/85
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 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	: 09/25/2009 07:22:47	Cycle	: 10

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46185.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46185.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46185.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46185.rst
Calib Method : h:\turbo6\6890-06\6a-pest(07-23-09)surr(07-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6A46185.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.93	BB	1828997	alpha-BHC	0.06137	602288.22	22.7	10.88 -	10.98
11.78	VB	1654229	gamma-BHC	0.06061	528556.31	21.2	11.73 -	11.83
12.03	BB	681911	beta-BHC	0.06132	210868.48	22.6	11.98 -	12.08
12.47	BB	1662254	delta-BHC	0.05963	519299.47	19.3	12.42 -	12.52
12.99	BB	1591899	Heptachlor	0.06210	502122.44	24.2	12.94 -	13.04
13.72	BB	1531300	Aldrin	0.06254	476415.12	25.1	13.67 -	13.77
15.17	BB	1481805	Hept. epoxide	0.05967	446986.13	19.3	15.12 -	15.22
15.45	BB	1511702	gamma chlordane	0.05738	463435.12	14.8	15.40 -	15.50
15.76	BB	1400820	alpha chlordane	0.05792	422881.85	15.8	15.71 -	15.81
15.96	BV	1423056	4,4'-DDE	0.05577	450692.37	11.5	15.91 -	16.01
16.07	VB	1332866	Endosulfan I	0.05598	390442.64	12.0	16.02 -	16.12
16.61	BB	1456404	Dieldrin	0.05331	435000.96	6.6	16.56 -	16.66
17.12	BB	1235485	Endrin	0.05062	355713.64	1.2	17.07 -	17.17
17.28	BB	1050704	4,4'-DDD	0.04846	320822.41	-3.1	17.23 -	17.33
17.62	BB	1165663	Endosulfan II	0.05051	326326.34	1.0	17.57 -	17.67
17.89	BB	934590	4,4'-DDT	0.04162	281198.70	-16.8	17.84 -	17.94
18.54	BB	778689	Endrin aldehyde	0.04496	210916.40	-10.1	18.49 -	18.59

9/25/09 am

09/25/2009 08:18:19 Result: H:\TURBO6\6890-06\6-SEQ46\6A46185.rst

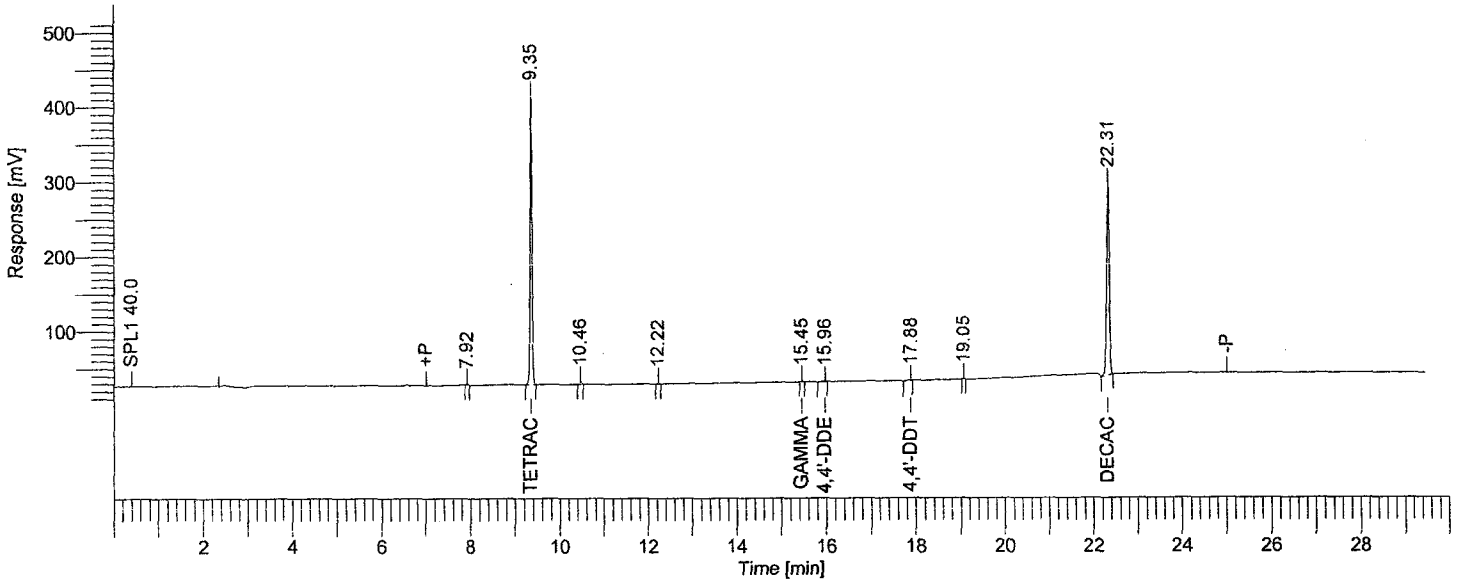
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
18.93	VB	456573	Methoxychlor	0.03903	136075.58	-21.9	18.88 -	18.98
19.48	BB	986418	Endo. Sulfate	0.04663	269006.63	-6.7	19.43 -	19.53
20.09	BB	1121291	Endrin ketone	0.04576	295262.77	-8.5	20.04 -	20.14
22.27	BB	13859	Decachlorobiphenyl	8.72e-07	1313.37	-100.0	22.22 -	22.32
		25300515		1.07520	7.65e+06			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	9.380

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 10:25:13
Reprocess Number	: buf2048: 98573		
Operator	: tchrom	Sample Name	: 9090254-CCV3
Sample Number	:	Study	: SURR
AutoSampler	: BUILT-IN	Rack/Vial	: 1/86
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.44 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	: 09/25/2009 07:58:22	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46186.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46186.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46186.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46186.rst
Calib Method : h:\turbo6\6890-06\6a-pest(07-23-09)surr(07-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6A46186.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
9.35	BB	1202664	Tetrachloro-m-xylene	0.07135	386112.95	42.7	9.30 -	9.40
15.45	BB	5124	gamma chlordane	0.00201	1593.34	-96.0	15.40 -	15.50
15.96	BB	5968	4,4'-DDE	0.00262	322.82	-94.8	15.91 -	16.01
17.88	BB	8658	4,4'-DDT	0.00249	386.09	-95.0	17.83 -	17.93
22.31	BB	1103068	Decachlorobiphenyl	0.04863	256742.04	-2.7	22.26 -	22.36
		2325481		0.12711	645157.25			

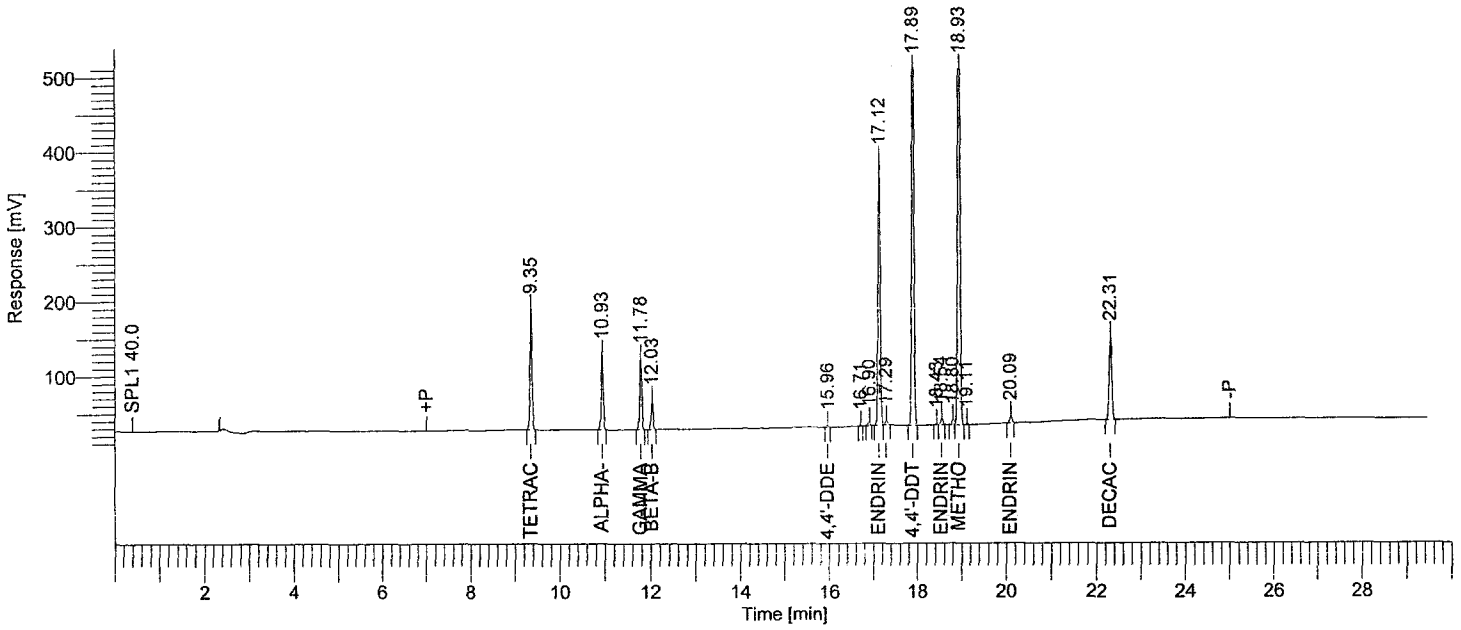
9/25/09 mm

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	10.938
gamma-BHC	11.787
beta-BHC	12.034
delta-BHC	12.478
Heptachlor	12.999
Aldrin	13.731
Hept. epoxide	15.180
alpha chlordane	15.770
Endosulfan I	16.075

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 10:25:18
Reprocess Number	: buf2048: 98575		
Operator	: tchrom	Sample Name	: 9090636
Sample Number	:	Study	: PEM
AutoSampler	: BUILT-IN	Rack/Vial	: 1/87
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2009 08:34:23	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46187.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46187.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46187.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46187.rst
Calib Method : h:\turbo6\6890-06\6a-pest(07-23-09)surr(07-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6A46187.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	9.35	496430	Tetrachloro-m-xylene	B	0.03050	161137.94
2	10.93	307394	alpha-BHC	B	0.01320	100320.79
3	11.78	299746	gamma-BHC	B	0.01348	94515.74
4	12.03	128444	beta-BHC	B	0.01249	38594.91
5	15.96	7978	4,4'-DDE	B	0.00269	2457.74
6	16.71	2989		B	0.00299	999.09
7	16.90	17138		B	0.01714	5199.68
8	17.12	1230746	Endrin	B	0.05043	353957.01
9	17.29	23875	4,4'-DDD	B	0.00291	6354.74
10	17.89	2067122	4,4'-DDT	B	0.08948	631070.64
11	18.43	5424		B	0.00542	1732.99
12	18.54	30957	Endrin aldehyde	V	0.00220	8466.92
13	18.80	29587		B	0.02959	6940.35

9/25/09 mm

Endrin 5.37%

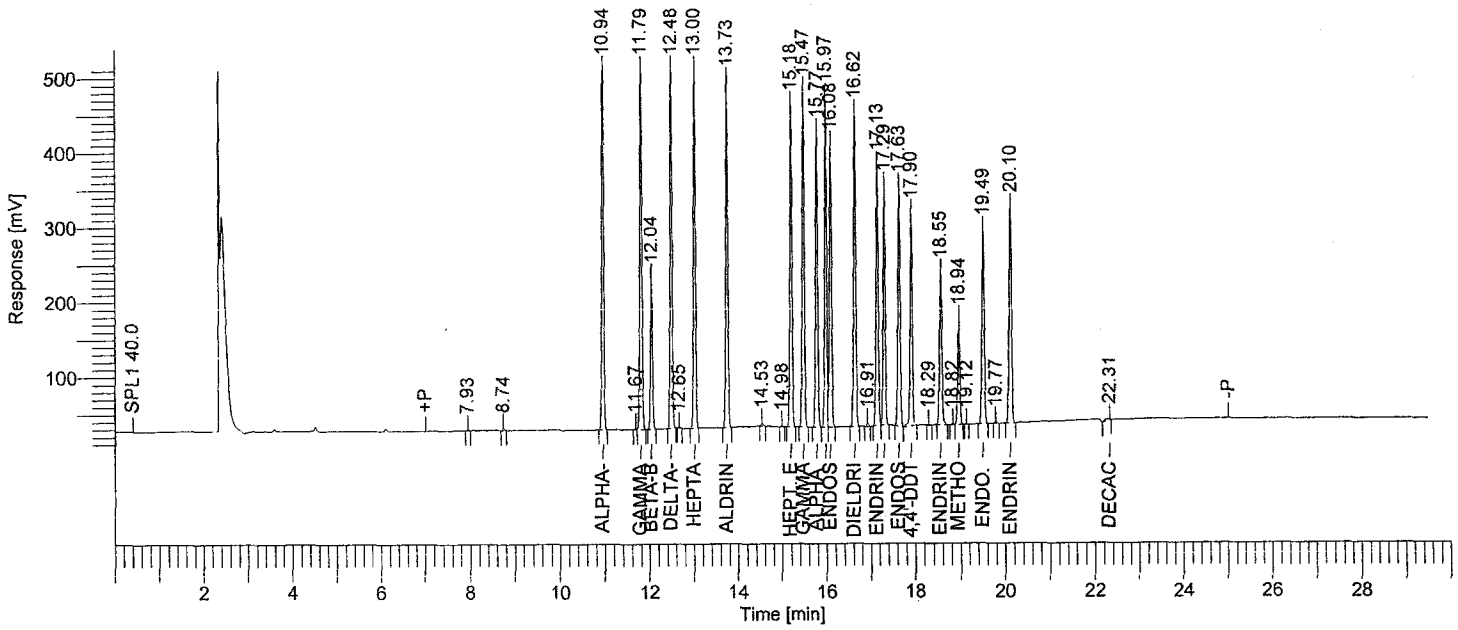
DDT 1.5%

09/25/2009 10:25:18 Result: H:\TURBO6\6890-06\6-SEQ46\6A46187.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
14	18.93	2566191	Methoxychlor	V	0.21929	772680.19
15	19.11	7772		V	0.00777	2446.14
16	20.09	37418	Endrin ketone	B	0.00268	9699.53
17	22.31	474456	Decachlorobiphenyl	B	0.02057	111463.46
		7733667			0.52282	2.31e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 14:56:14
Reprocess Number	: buf2048: 98618		
Operator	: tchrom	Sample Name	: 9090864-CCV4
Sample Number	:	Study	: 8081
AutoSampler	: BUILT-IN	Rack/Vial	: 1/96
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.48 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	: 09/25/2009 14:07:21	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46196.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46196.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46196.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46196.rst
Calib Method : h:\turbo6\6890-06\6a-pest(07-23-09)surr(07-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6A46196.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.94	BB	1706345	alpha-BHC	0.05749	560640.22	15.0	10.89 -	10.99
11.79	VB	1567566	gamma-BHC	0.05760	499860.21	15.2	11.74 -	11.84
12.04	BB	650323	beta-BHC	0.05854	201331.22	17.1	11.99 -	12.09
12.48	BB	1596797	delta-BHC	0.05742	504195.94	14.8	12.43 -	12.53
13.00	BB	1549260	Heptachlor	0.06048	487898.65	21.0	12.95 -	13.05
13.73	BB	1468662	Aldrin	0.06008	462023.74	20.2	13.68 -	13.78
15.18	BB	1431724	Hept. epoxide	0.05770	429028.89	15.4	15.13 -	15.23
15.47	BB	1465085	gamma chlordane	0.05567	448470.49	11.3	15.42 -	15.52
15.77	BB	1300242	alpha chlordane	0.05387	393173.95	7.7	15.72 -	15.82
15.97	BV	1381873	4,4'-DDE	0.05423	440312.27	8.5	15.92 -	16.02
16.08	VB	1289687	Endosulfan I	0.05420	376414.10	8.4	16.03 -	16.13
16.62	BB	1416885	Dieldrin	0.05192	417991.95	3.8	16.57 -	16.67
17.13	BB	1201872	Endrin	0.04927	346610.34	-1.5	17.08 -	17.18
17.29	BB	1033807	4,4'-DDD	0.04771	317980.69	-4.6	17.24 -	17.34
17.63	BB	1134420	Endosulfan II	0.04918	318464.86	-1.6	17.58 -	17.68
17.90	BB	948156	4,4'-DDT	0.04219	282854.14	-15.6	17.85 -	17.95
18.55	BB	751160	Endrin aldehyde	0.04338	201722.67	-13.2	18.50 -	18.60

SEP 25 2009

09/25/2009 14:56:14 Result: H:\TURBO6\6890-06\6-SEQ46\6A46196.rst

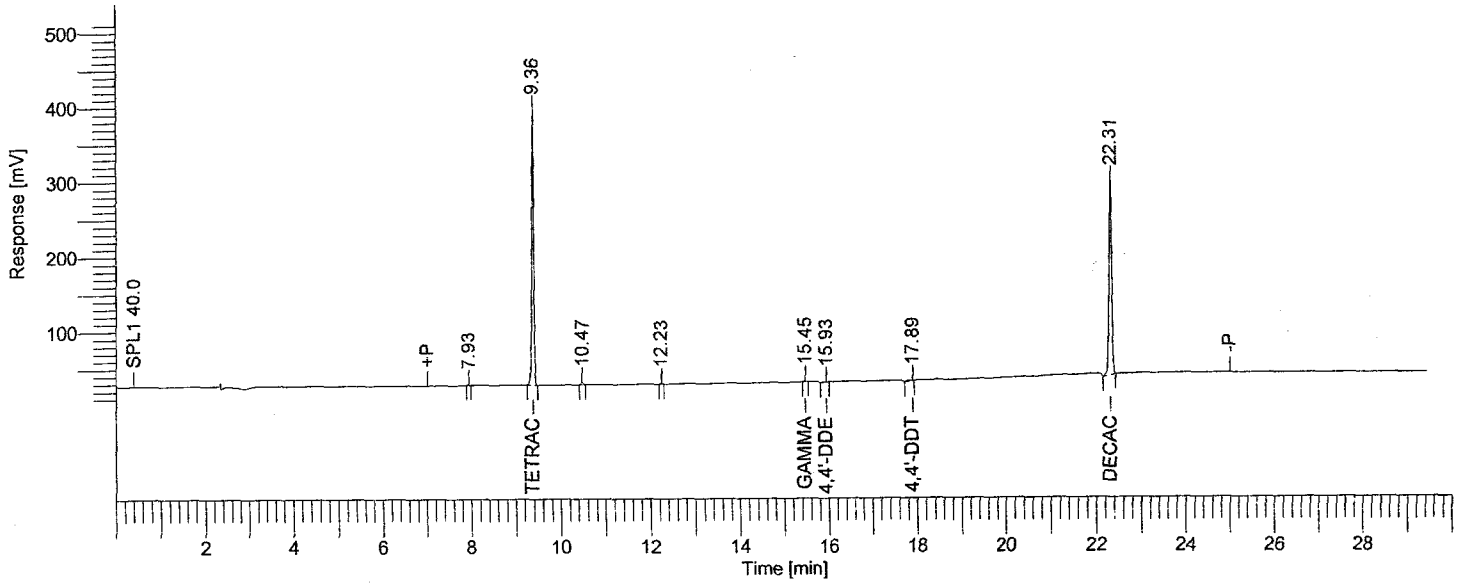
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
18.94	VB	466360	Methoxychlor	0.03987	138848.53	-20.3	18.89 -	18.99
19.49	BB	956843	Endo. Sulfate	0.04526	256907.93	-9.5	19.44 -	19.54
20.10	BB	1101068	Endrin ketone	0.04496	287621.34	-10.1	20.05 -	20.15
22.31	BB	15957	Decachlorobiphenyl	9.45e-05	753.30	-99.8	22.26 -	22.36
		24434093		1.04111	7.37e+06			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	9.380

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 15:34:51
Reprocess Number	: buf2048: 98630		
Operator	: tchrom	Sample Name	: 9090254-CCV4
Sample Number	:	Study	: SURR
AutoSampler	: BUILT-IN	Rack/Vial	: 1/97
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.44 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	: 09/25/2009 14:53:10	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46197.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46197.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46197.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46197.rst
Calib Method : h:\turbo6\6890-06\6a-pest(07-23-09)surr(07-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6A46197.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



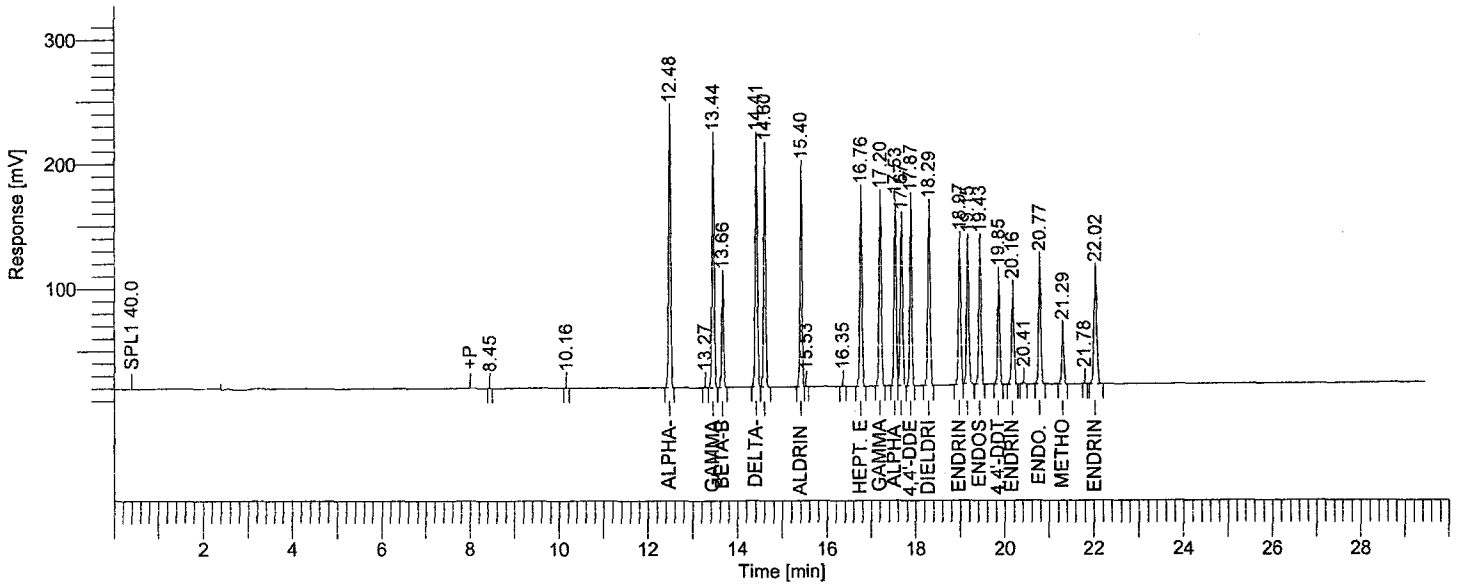
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
9.36	BB	1131951	Tetrachloro-m-xylene	0.06726	367053.31	34.5	9.31 -	9.41
15.45	BB	7179	gamma chlordane	0.00209	2223.94	-95.8	15.40 -	15.50
15.93	BB	6663	4,4'-DDE	0.00265	554.13	-94.7	15.88 -	15.98
17.89	BB	11375	4,4'-DDT	0.00261	515.16	-94.8	17.84 -	17.94
22.31	BB	1112097	Decachlorobiphenyl	0.04904	258588.43	-1.9	22.26 -	22.36
		2269265		0.12364	628934.96			

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	10.938
gamma-BHC	11.787
beta-BHC	12.034
delta-BHC	12.478
Heptachlor	12.999
Aldrin	13.731
Hept. epoxide	15.180
alpha chlordane	15.770
Endosulfan I	16.075

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 08:17:28
Reprocess Number	: buf2048: 98509		
Operator	: tchrom	Sample Name	: 9090864-CCV2
Sample Number	:	Study	: 8081
AutoSampler	: BUILT-IN	Rack/Vial	: 1/76
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 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	: 09/25/2009 01:59:14	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46176.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46176.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46176.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46176.rst
Calib Method : h:\turbo6\6890-06\6b-pest(07-23-09)surr(7-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6b46176.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
12.48	BB	684791	alpha-BHC (2C)	0.04796	215878.06	-4.1	12.43 -	12.53
13.44	VB	636191	gamma-BHC (2C)	0.04967	193038.90	-0.7	13.39 -	13.49
13.66	BB	278715	beta-BHC (2C)	0.05163	82224.96	3.3	13.61 -	13.71
14.41	BB	643941	delta-BHC (2C)	0.05144	192237.50	2.9	14.36 -	14.46
14.60	BB	611817	Heptachlor (2C)	0.05310	184580.48	6.2	14.55 -	14.65
15.40	BV	571253	Aldrin (2C)	0.05468	169727.59	9.4	15.35 -	15.45
16.76	BB	529549	Hept. epoxide (2C)	0.05531	149972.23	10.6	16.71 -	16.81
17.20	BB	505277	gamma chlordane (2C)	0.05327	145534.51	6.5	17.15 -	17.25
17.53	BV	495587	alpha chlordane (2C)	0.05470	140732.08	9.4	17.48 -	17.58
17.67	VB	462919	Endosulfan I (2C)	0.05462	127956.44	9.2	17.62 -	17.72
17.87	BB	472528	4,4'-DDE (2C)	0.05414	143284.15	8.3	17.82 -	17.92
18.29	BB	495553	Dieldrin (2C)	0.05409	137630.24	8.2	18.24 -	18.34
18.97	BB	413678	Endrin (2C)	0.05580	110582.76	11.6	18.92 -	19.02
19.15	BB	375701	4,4'-DDD (2C)	0.05344	108128.58	6.9	19.10 -	19.20
19.43	BB	411575	Endosulfan II (2C)	0.05443	108593.98	8.9	19.38 -	19.48
19.85	BB	285317	4,4'-DDT (2C)	0.04506	82252.18	-9.9	19.80 -	19.90

9/25/09 mm

09/25/2009 08:17:28 Result: H:\TURBO6\6890-06\6-SEQ46\6b46176.rst

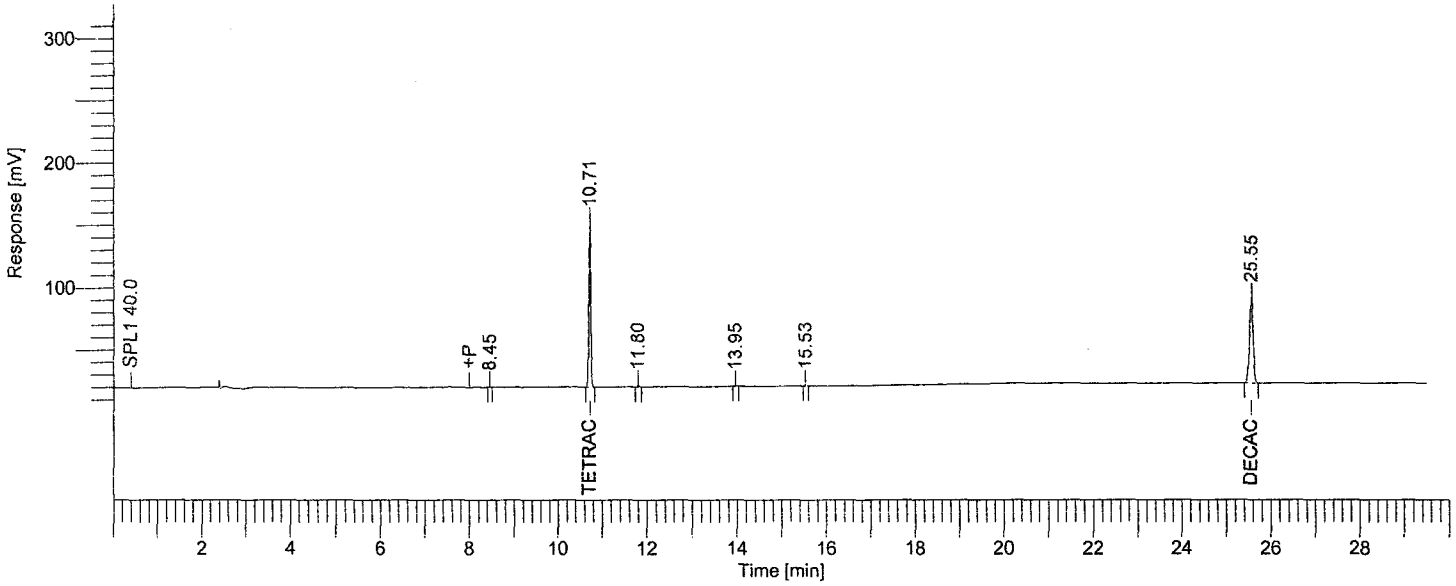
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
20.16	BB	280370	Endrin aldehyde (2C)	0.05040	71900.57	0.8	20.11 -	20.21
20.77	BB	365302	Endo. Sulfate (2C)	0.05166	93877.48	3.3	20.72 -	20.82
21.29	BB	148598	Methoxychlor (2C)	0.04368	39343.52	-12.6	21.24 -	21.34
22.02	BB	388407	Endrin ketone (2C)	0.04803	85146.92	-3.9	21.97 -	22.07
		9057071		1.03710	2.58e+06			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene (2C)	10.720
Decachlorobiphenyl (2C)	25.700

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 08:17:35
Reprocess Number	: buf2048: 98511		
Operator	: tchrom	Sample Name	: 9090254-CCV2
Sample Number	:	Study	: SURR
AutoSampler	: BUILT-IN	Rack/Vial	: 1/77
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 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	: 09/25/2009 02:35:12	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46177.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46177.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46177.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46177.rst
Calib Method : h:\turbo6\6890-06\6b-pest(07-23-09)surr(7-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6b46177.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.71	BB	422344	Tetrachloro-m-xylene (	0.04394	132067.64	-12.1	10.66 -	10.76
25.55	BB	416633	Decachlorobiphenyl (2C	0.05666	68506.08	13.3	25.50 -	25.60
		838978		0.10060	200573.71			

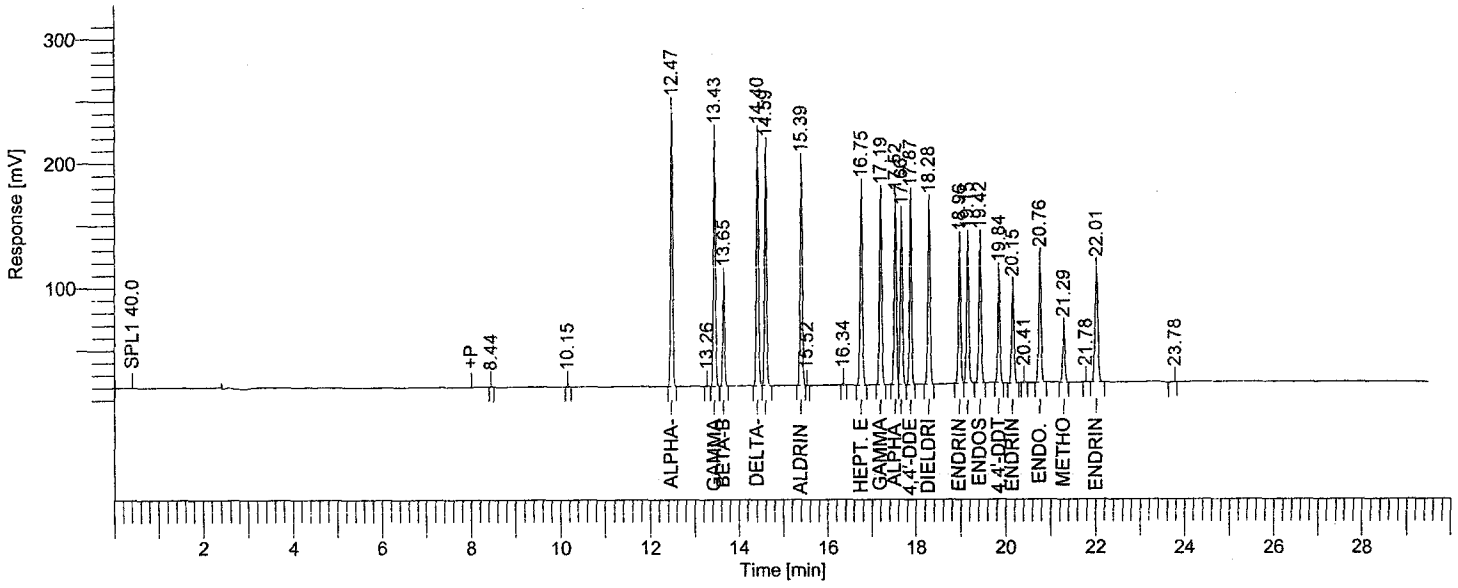
9/25/09 mm

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC (2C)	12.480
gamma-BHC (2C)	13.440
beta-BHC (2C)	13.657
delta-BHC (2C)	14.410
Heptachlor (2C)	14.597
Aldrin (2C)	15.403
Hept. epoxide (2C)	16.756
gamma chlordane (2C)	17.195
alpha chlordane (2C)	17.529
Endosulfan I (2C)	17.667
4,4'-DDE (2C)	17.874
Dieldrin (2C)	18.286

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 08:18:21
Reprocess Number	: buf2048: 98527		
Operator	: tchrom	Sample Name	: 9090864-CCV3
Sample Number	:	Study	: 8081
AutoSampler	: BUILT-IN	Rack/Vial	: 1/85
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 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	: 09/25/2009 07:22:47	Cycle	: 10

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46185.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46185.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46185.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46185.rst
Calib Method : h:\turbo6\6890-06\6b-pest(07-23-09)surr(7-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6b46185.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
12.47	BB	695674	alpha-BHC (2C)	0.04867	220460.05	-2.7	12.42 -	12.52
13.43	VB	649780	gamma-BHC (2C)	0.05068	197853.18	1.4	13.38 -	13.48
13.65	BB	282109	beta-BHC (2C)	0.05226	83187.72	4.5	13.60 -	13.70
14.40	BB	654222	delta-BHC (2C)	0.05221	197142.60	4.4	14.35 -	14.45
14.59	BB	619874	Heptachlor (2C)	0.05378	186810.49	7.6	14.54 -	14.64
15.39	BV	580903	Aldrin (2C)	0.05557	173982.49	11.1	15.34 -	15.44
16.75	BB	539837	Hept. epoxide (2C)	0.05637	153740.14	12.7	16.70 -	16.80
17.19	BB	514066	gamma chlordane (2C)	0.05418	147984.60	8.4	17.14 -	17.24
17.52	BV	503587	alpha chlordane (2C)	0.05558	142915.85	11.2	17.47 -	17.57
17.66	VB	471085	Endosulfan I (2C)	0.05557	131162.59	11.1	17.61 -	17.71
17.87	BB	481529	4,4'-DDE (2C)	0.05513	145986.32	10.3	17.82 -	17.92
18.28	BB	504221	Dieldrin (2C)	0.05501	140344.24	10.0	18.23 -	18.33
18.96	BB	408748	Endrin (2C)	0.05515	109263.61	10.3	18.91 -	19.01
19.15	BB	382432	4,4'-DDD (2C)	0.05437	110315.06	8.7	19.10 -	19.20
19.42	BB	418279	Endosulfan II (2C)	0.05532	110416.82	10.6	19.37 -	19.47
19.84	BB	292206	4,4'-DDT (2C)	0.04610	83969.19	-7.8	19.79 -	19.89

9/25/09 mm

09/25/2009 08:18:21 Result: H:\TURBO6\6890-06\6-SEQ46\6b46185.rst

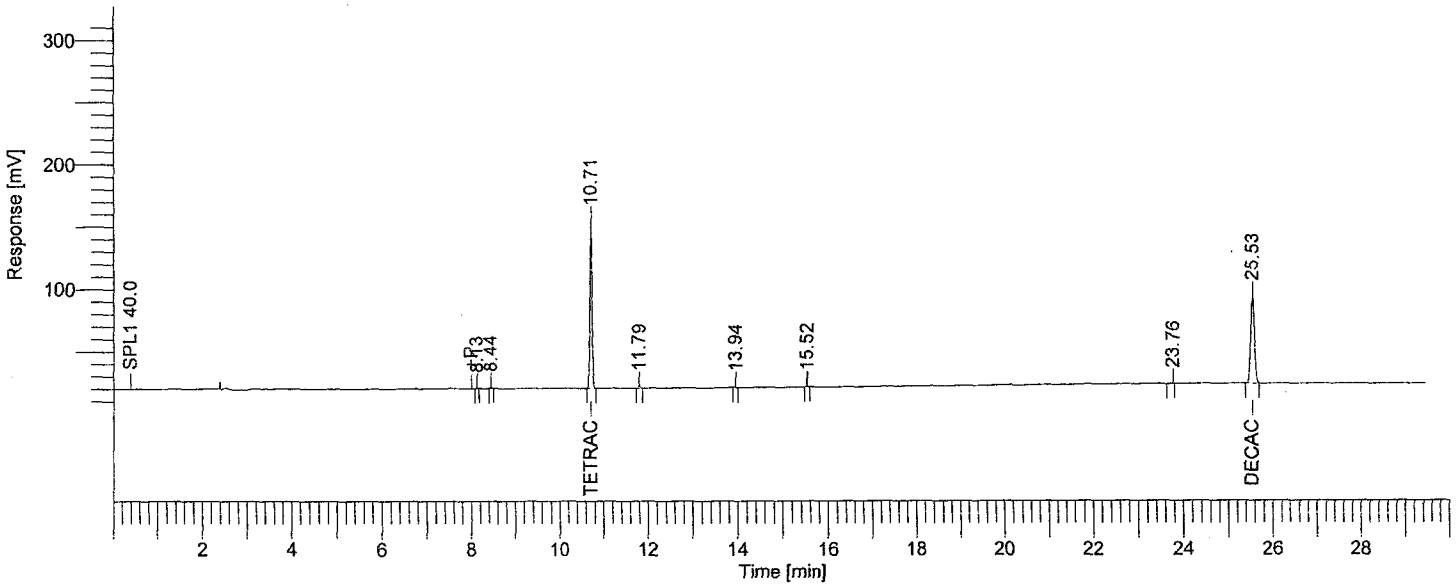
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
20.15	BB	287167	Endrin aldehyde (2C)	0.05164	73058.90	3.3	20.10 -	20.20
20.76	BB	373213	Endo. Sulfate (2C)	0.05279	95781.52	5.6	20.71 -	20.81
21.29	BB	149293	Methoxychlor (2C)	0.04389	39755.45	-12.2	21.24 -	21.34
22.01	VB	400297	Endrin ketone (2C)	0.04950	87739.42	-1.0	21.96 -	22.06
		9208523		1.05377	2.63e+06			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene (2C)	10.720
Decachlorobiphenyl (2C)	25.700

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 10:25:16
Reprocess Number	: buf2048: 98574		
Operator	: tchrom	Sample Name	: 9090254-CCV3
Sample Number	:	Study	: SURR
AutoSampler	: BUILT-IN	Rack/Vial	: 1/86
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.44 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	: 09/25/2009 07:58:22	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46186.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46186.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46186.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46186.rst
Calib Method : h:\turbo6\6890-06\6b-pest(07-23-09)surr(7-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6b46186.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.71	BB	432459	Tetrachloro-m-xylene (	0.04497	133908.32	-10.1	10.66 -	10.76
25.53	BB	424293	Decachlorobiphenyl (2C	0.05774	69835.88	15.5	25.48 -	25.58
		856752		0.10270	203744.19			

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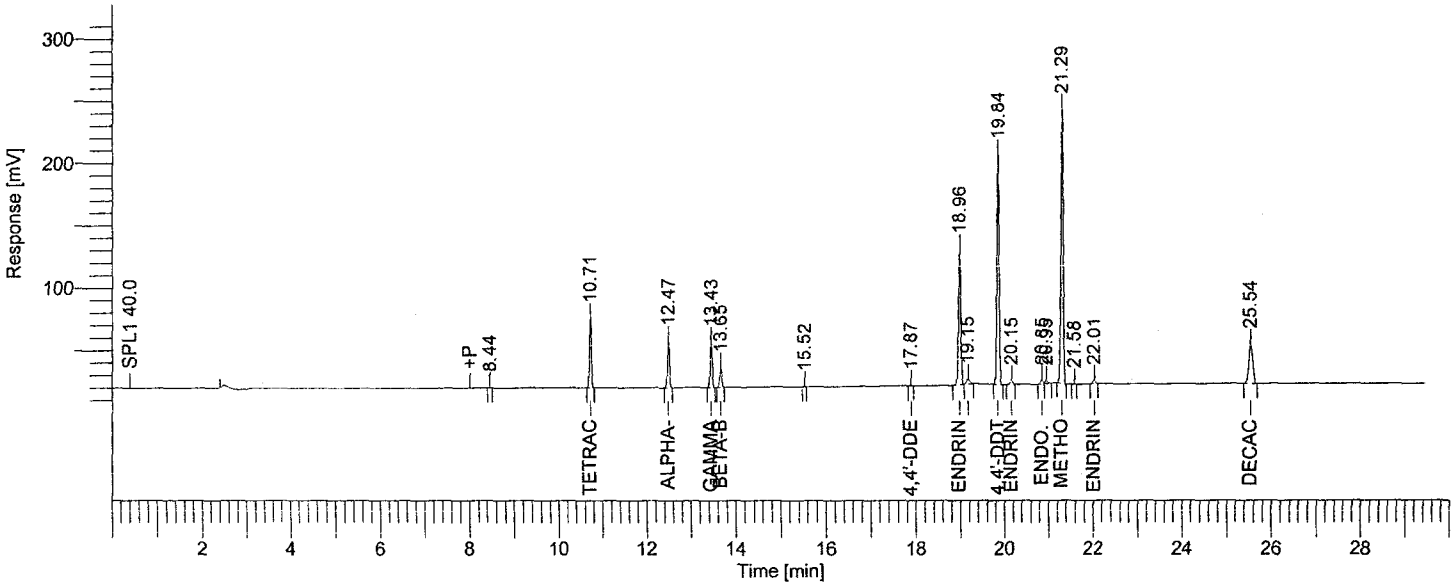
Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC (2C)	12.480
gamma-BHC (2C)	13.440
beta-BHC (2C)	13.657
delta-BHC (2C)	14.410
Heptachlor (2C)	14.597
Aldrin (2C)	15.403
Hept. epoxide (2C)	16.756
gamma chlordane (2C)	17.195
alpha chlordane (2C)	17.529
Endosulfan I (2C)	17.667
4,4'-DDE (2C)	17.874
Dieldrin (2C)	18.286

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 10:25:21
Reprocess Number	: buf2048: 98576		
Operator	: tchrom	Sample Name	: 9090636
Sample Number	:	Study	: PEM
AutoSampler	: BUILT-IN	Rack/Vial	: 1/87
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2009 08:34:23	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46187.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46187.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46187.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46187.rst
Calib Method : h:\turbo6\6890-06\6b-pest(07-23-09)surr(7-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6b46187.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.44	1638		B	0.00164	606.76
2	10.71	180530	Tetrachloro-m-xylene (	B	0.01950	55783.40
3	12.47	119834	alpha-BHC (2C)	B	0.01101	37504.25
4	13.43	121287	gamma-BHC (2C)	B	0.01141	36609.03
5	13.65	55100	beta-BHC (2C)	B	0.01005	16095.13
7	17.87	3171	4,4'-DDE (2C)	B	0.00228	919.82
8	18.96	410861	Endrin (2C)	B	0.05543	108797.22
9	19.15	21688	4,4'-DDD (2C)	V	0.00467	3948.38
10	19.84	638131	4,4'-DDT (2C)	B	0.09827	184306.93
11	20.15	14045	Endrin aldehyde (2C)	B	0.00184	3291.10
12	20.85	15024	Endo. Sulfate (2C)	B	0.00151	2959.04
13	20.95	10144		V	0.01014	2087.34

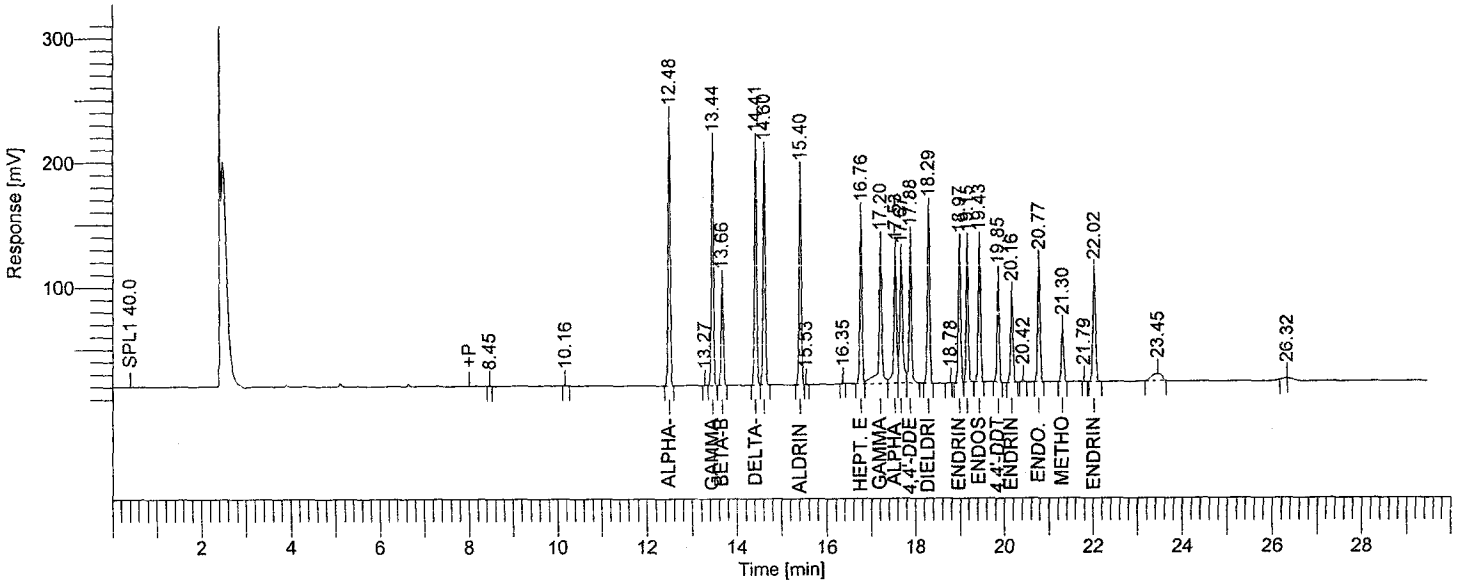
9/25/09 am
Endrin 6.1%
DDT 3.7%

09/25/2009 10:25:21 Result: H:\TURBO6\6890-06\6-SEQ46\6b46187.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
14	21.29	812253	Methoxychlor (2C)	B	0.24096	220215.89
15	21.58	1712		B	0.00171	513.86
16	22.01	12765	Endrin ketone (2C)	B	0.00170	2966.19
17	25.54	192591	Decachlorobiphenyl (2C	B	0.02516	31684.83
		2610776			0.49728	708289.17

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 14:56:17
Reprocess Number	: buf2048: 98619		
Operator	: tchrom	Sample Name	: 9090864-CCV4
Sample Number	:	Study	: 8081
AutoSampler	: BUILT-IN	Rack/Vial	: 1/96
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.48 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	: 09/25/2009 14:07:21	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46196.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46196.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46196.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46196.rst
Calib Method : h:\turbo6\6890-06\6b-pest(07-23-09)surr(7-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6b46196.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
12.48	BB	670667	alpha-BHC (2C)	0.04704	212294.46	-5.9	12.43 -	12.53
13.44	VB	625249	gamma-BHC (2C)	0.04885	190764.34	-2.3	13.39 -	13.49
13.66	BB	272736	beta-BHC (2C)	0.05052	80533.10	1.0	13.61 -	13.71
14.41	BB	630729	delta-BHC (2C)	0.05044	190186.71	0.9	14.36 -	14.46
14.60	BB	605645	Heptachlor (2C)	0.05258	182878.85	5.2	14.55 -	14.65
15.40	BV	558119	Aldrin (2C)	0.05347	167148.63	6.9	15.35 -	15.45
16.76	BV	468241	Hept. epoxide (2C)	0.04900	133506.55	-2.0	16.71 -	16.81
17.20	VV	516414	gamma chlordane (2C)	0.05442	110186.66	8.8	17.15 -	17.25
17.53	VV	439530	alpha chlordane (2C)	0.04851	101893.20	-3.0	17.48 -	17.58
17.67	VV	459625	Endosulfan I (2C)	0.05424	98873.70	8.5	17.62 -	17.72
17.88	VB	412039	4,4'-DDE (2C)	0.04745	112966.37	-5.1	17.83 -	17.93
18.29	BB	493378	Dieldrin (2C)	0.05386	136612.79	7.7	18.24 -	18.34
18.97	BB	398783	Endrin (2C)	0.05384	107044.07	7.7	18.92 -	19.02
19.15	BB	371863	4,4'-DDD (2C)	0.05291	107618.70	5.8	19.10 -	19.20
19.43	BB	405156	Endosulfan II (2C)	0.05358	108163.51	7.2	19.38 -	19.48
19.85	BB	284018	4,4'-DDT (2C)	0.04487	81759.07	-10.3	19.80 -	19.90

SEP 25 2009

09/25/2009 14:56:17 Result: H:\TURBO6\6890-06\6-SEQ46\6b46196.rst

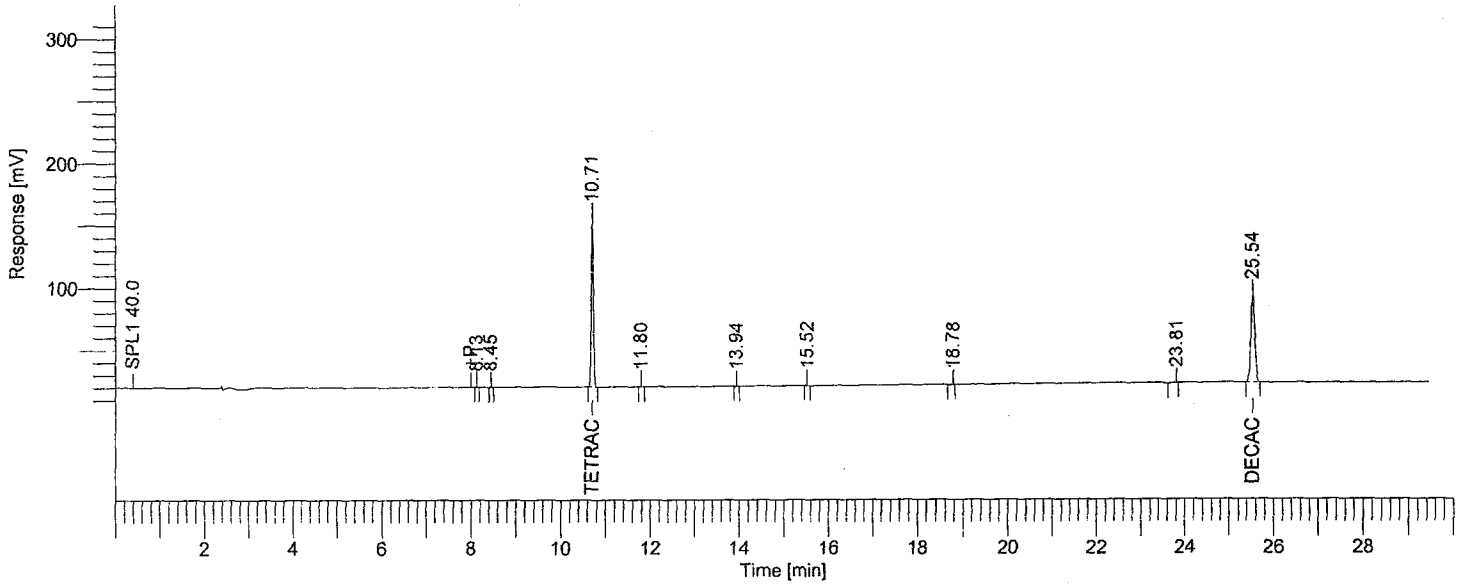
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
20.16	BB	271629	Endrin aldehyde (2C)	0.04881	68844.05	-2.4	20.11 -	20.21
20.77	BB	360928	Endo. Sulfate (2C)	0.05103	93448.48	2.1	20.72 -	20.82
21.30	BB	155681	Methoxychlor (2C)	0.04579	41350.56	-8.4	21.25 -	21.35
22.02	BB	389991	Endrin ketone (2C)	0.04823	85814.22	-3.5	21.97 -	22.07
		8790418		1.00943	2.41e+06			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene (2C)	10.720
Decachlorobiphenyl (2C)	25.700

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 15:34:53
Reprocess Number	: buf2048: 98631		
Operator	: tchrom	Sample Name	: 9090254-CCV4
Sample Number	:	Study	: SURR
AutoSampler	: BUILT-IN	Rack/Vial	: 1/97
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.44 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	: 09/25/2009 14:53:10	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46197.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46197.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46197.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46197.rst
Calib Method : h:\turbo6\6890-06\6b-pest(07-23-09)surr(7-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6b46197.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



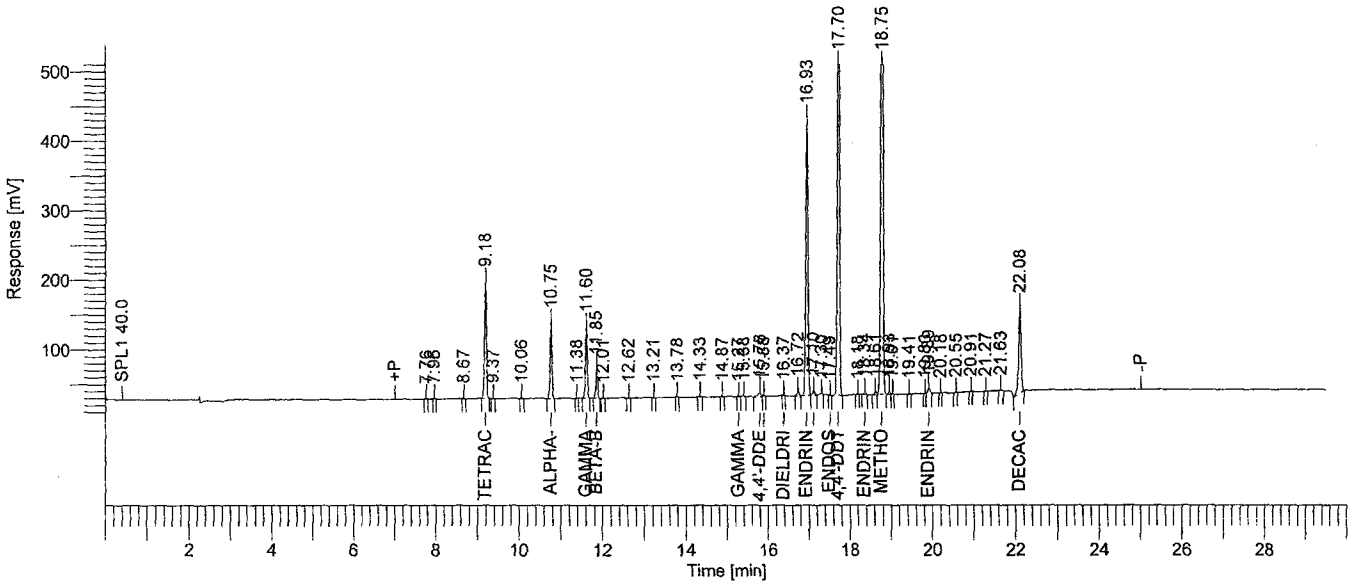
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.71	BB	436082	Tetrachloro-m-xylene (	0.04533	135574.24	-9.3	10.66 -	10.76
25.54	BB	425305	Decachlorobiphenyl (2C	0.05788	70049.92	15.8	25.49 -	25.59
		861387		0.10321	205624.16			

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC (2C)	12.480
gamma-BHC (2C)	13.440
beta-BHC (2C)	13.657
delta-BHC (2C)	14.410
Heptachlor (2C)	14.597
Aldrin (2C)	15.403
Hept. epoxide (2C)	16.756
gamma chlordane (2C)	17.195
alpha chlordane (2C)	17.529
Endosulfan I (2C)	17.667
4,4'-DDE (2C)	17.874
Dieldrin (2C)	18.286

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:49:12
Reprocess Number	: buf2048: 98798		
Operator	: tchrom	Sample Name	: 9091475-CCV1
Sample Number	:	Study	: PEM
AutoSampler	: BUILT-IN	Rack/Vial	: 1/27
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 18:44:59	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46227.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46227.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46227.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46227.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46227.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.76	3419		B	0.00342	1325.23
2	7.96	2262		B	0.00226	1033.66
3	8.67	3386		B	0.00339	1466.66
4	9.18	517077	Tetrachloro-m-xylene	B	0.02085	168259.52
5	9.37	4532		B	0.00453	1739.11
6	10.06	3440		B	0.00344	1424.93
7	10.75	333995	alpha-BHC	B	0.00952	109289.00
8	11.38	3394		B	0.00339	1420.89
9	11.60	325887	gamma-BHC	B	0.01020	103000.73
10	11.85	137869	beta-BHC	B	0.00915	41728.86
11	12.01	3266		B	0.00327	1372.53
12	12.62	3793		B	0.00379	1541.18
13	13.21	3760		B	0.00376	1574.99
14	13.78	4478		B	0.00448	1800.80
15	14.33	6463		B	0.00646	2350.45
16	14.87	5058		B	0.00506	2054.80

9/29/09 mm

Endrin 3.0%

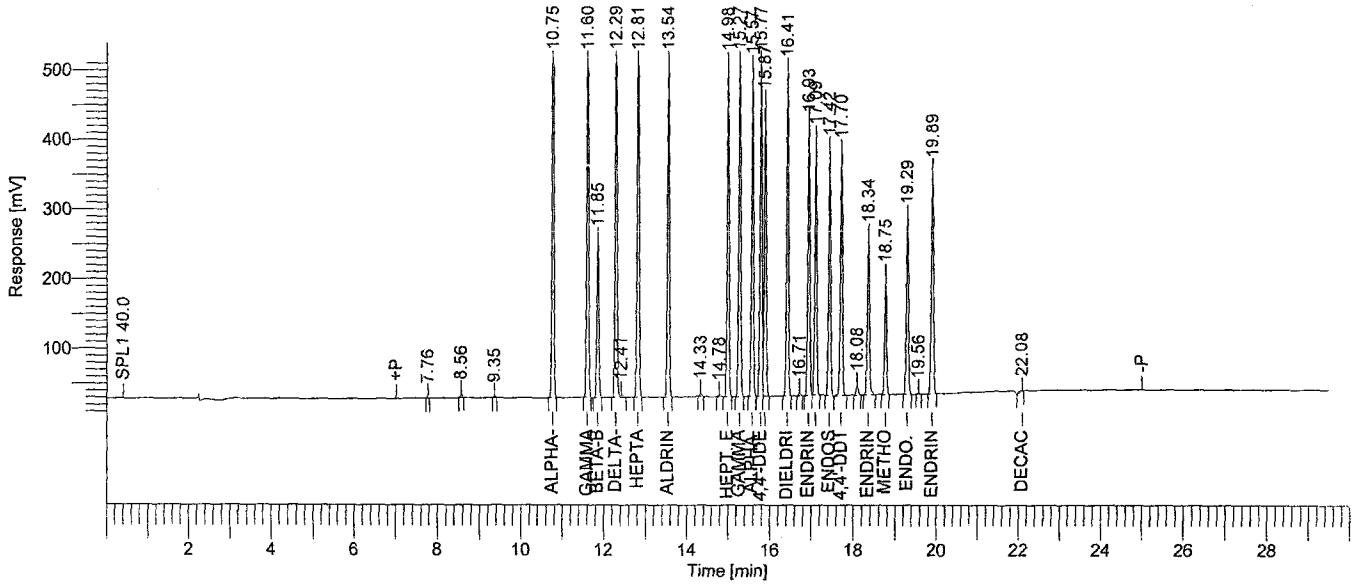
DDT 2.3%

09/29/2009 07:49:12 Result: H:\TURBO6\6890-06\6-SEQ46\6A46227.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	15.27	3875	gamma chlordane	B	9.90e-04	1258.52
18	15.38	6512		V	0.00651	2139.43
19	15.78	36362	4,4'-DDE	B	0.00240	6606.21
20	15.88	7084	Endosulfan I	V	3.35e-04	2441.25
21	16.37	3873	Dieldrin	B	0.00106	1737.59
22	16.72	24786		B	0.02479	7430.95
23	16.93	1398509	Endrin	B	0.05211	398973.18
24	17.10	23588	4,4'-DDD	V	0.00205	6939.35
25	17.30	12533		V	0.01253	2769.07
26	17.49	4510	Endosulfan II	B	4.78e-04	1721.04
27	17.70	2558714	4,4'-DDT	B	0.10646	773776.08
28	18.18	3857		B	0.00386	1561.98
29	18.34	13500	Endrin aldehyde	B	0.00101	3973.78
30	18.61	15414		B	0.01541	4192.42
31	18.75	3071396	Methoxychlor	V	0.26672	926522.21
32	18.93	11783		V	0.01178	3684.98
33	19.01	3101		V	0.00310	1281.28
34	19.41	4145		B	0.00415	1565.07
35	19.80	2339		B	0.00234	1032.07
36	19.89	30064	Endrin ketone	V	0.00323	7916.63
37	20.18	1992		B	0.00199	938.19
38	20.55	3338		B	0.00334	1259.23
39	20.91	2633		B	0.00263	1065.25
40	21.27	2321		B	0.00232	949.38
41	21.63	5136		B	0.00514	1635.12
42	22.08	538738	Decachlorobiphenyl	B	0.02318	122890.75
		9152182			0.65688	2.73e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:49:23
Reprocess Number	: buf2048: 98800		
Operator	: tchrom	Sample Name	: 9090864-CCV1
Sample Number	:	Study	: 8081
AutoSampler	: BUILT-IN	Rack/Vial	: 1/28
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 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	: 09/28/2009 19:21:06	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46228.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46228.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46228.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46228.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46228.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.75	BB	1925324	alpha-BHC	0.04990	636097.53	-0.2	10.70 -	10.80
11.60	BB	1757421	gamma-BHC	0.04991	560817.69	-0.2	11.55 -	11.65
11.85	BB	727021	beta-BHC	0.05075	225293.08	1.5	11.80 -	11.90
12.29	BE	1780126	delta-BHC	0.04990	559427.79	-0.2	12.24 -	12.34
12.81	BB	1710701	Heptachlor	0.05134	540330.64	2.7	12.76 -	12.86
13.54	BB	1651351	Aldrin	0.05106	519104.34	2.1	13.49 -	13.59
14.98	VB	1592758	Hept. epoxide	0.05160	476163.38	3.2	14.93 -	15.03
15.27	BB	1639222	gamma chlordane	0.05058	501019.44	1.2	15.22 -	15.32
15.57	BB	1538268	alpha chlordane	0.05065	471595.95	1.3	15.52 -	15.62
15.77	BV	1542738	4,4'-DDE	0.05038	491821.93	0.8	15.72 -	15.82
15.87	VB	1425998	Endosulfan I	0.05116	420810.22	2.3	15.82 -	15.92
16.41	BB	1576035	Dieldrin	0.05067	466554.20	1.3	16.36 -	16.46
16.93	BB	1339529	Endrin	0.04997	385821.53	-0.1	16.88 -	16.98
17.09	BB	1182788	4,4'-DDD	0.05104	367398.53	2.1	17.04 -	17.14
17.42	BB	1263216	Endosulfan II	0.05081	352399.02	1.6	17.37 -	17.47
17.70	BB	1142363	4,4'-DDT	0.04897	349109.58	-2.1	17.65 -	17.75
18.34	BB	840619	Endrin aldehyde	0.05101	226701.73	2.0	18.29 -	18.39

9/29/09

09/29/2009 07:49:23 Result: H:\TURBO6\6890-06\6-SEQ46\6A46228.rst

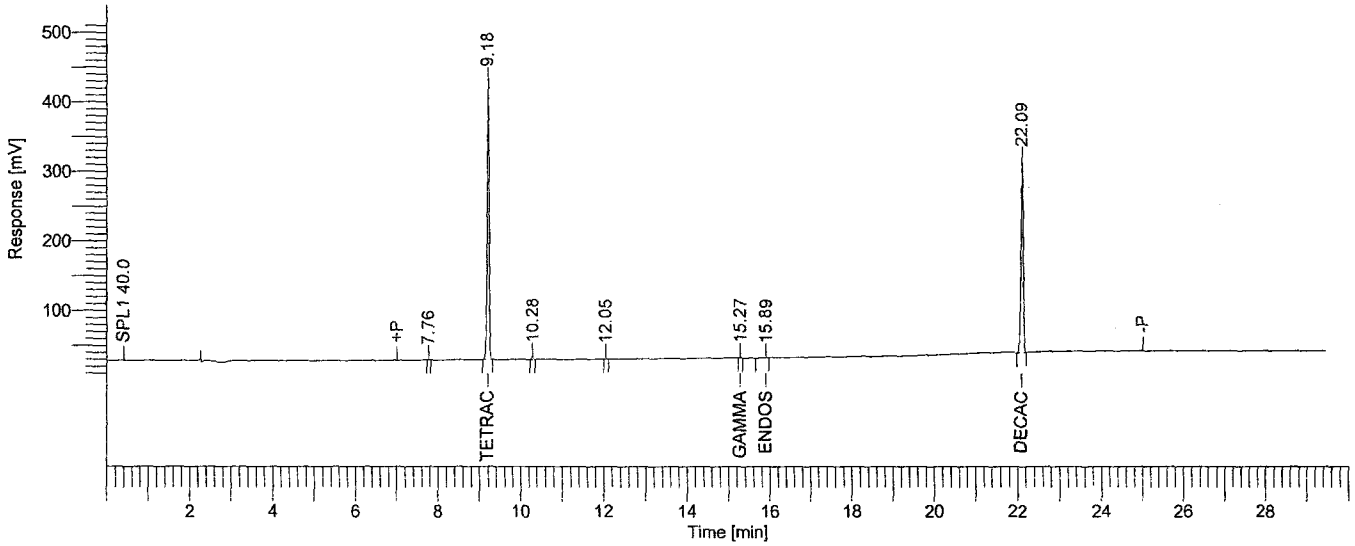
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
18.75	BB	561833	Methoxychlor	0.04975	168498.59	-0.5	18.70 -	18.80
19.29	BB	924156	Endo. Sulfate	0.05010	252536.53	0.2	19.24 -	19.34
19.89	BB	1208524	Endrin ketone	0.05030	318171.36	0.6	19.84 -	19.94
22.08	BB	13079	Decachlorobiphenyl	-2.8e-04	1048.99	-100.6	22.03 -	22.13
		27343069		1.00956	8.29e+06			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	9.178

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:49:33
Reprocess Number	: buf2048: 98802		
Operator	: tchrom	Sample Name	: 9090254-CCV1
Sample Number	:	Study	: SURR
AutoSampler	: BUILT-IN	Rack/Vial	: 1/29
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.46 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	: 09/28/2009 19:57:04	Cycle	: 3

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46229.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46229.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46229.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46229.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46229.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
9.18	BB	1238009	Tetrachloro-m-xylene	0.04864	399991.00	-2.7	9.13 -	9.23
15.27	BB	4568	~~gamma~~ chlordane	0.00101	1503.46	-98.0	15.22 -	15.32
15.89	BB	9484	~~Endosulfan I~~	4.21e-04	276.46	-99.2	15.84 -	15.94
22.09	BB	1140969	Decachlorobiphenyl	0.05005	275175.15	0.1	22.04 -	22.14
		2393031		0.10012	676946.07			

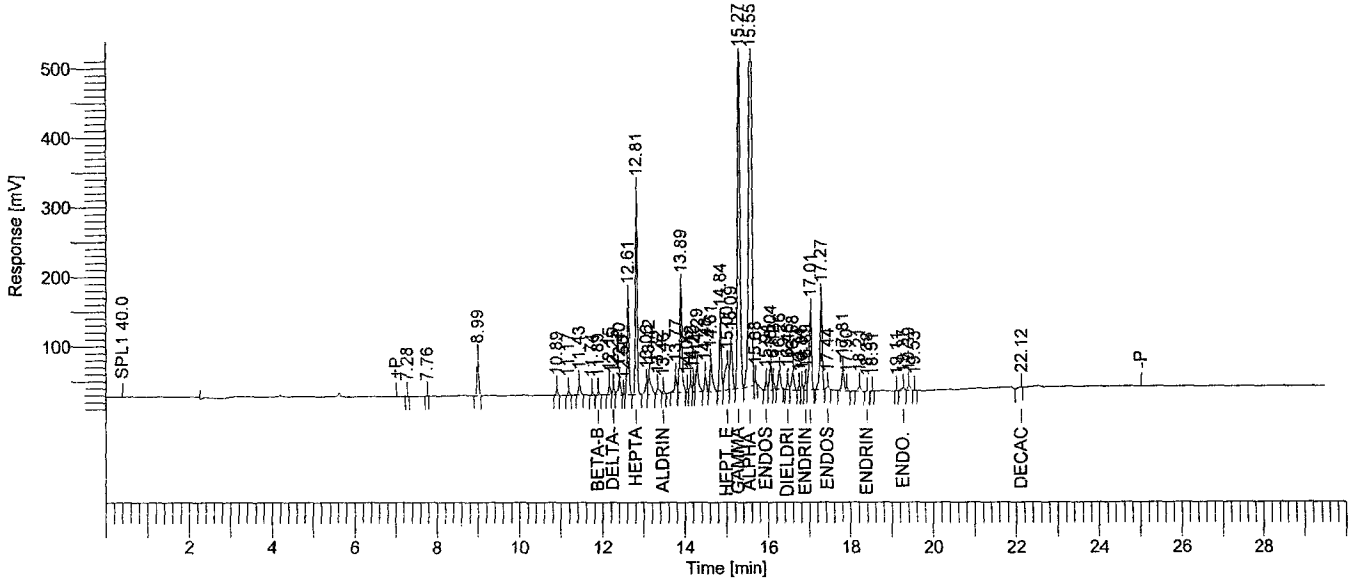
9/29/09 mm

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	10.743
gamma-BHC	11.590
beta-BHC	11.839
delta-BHC	12.280
Heptachlor	12.799
Aldrin	13.529
Hept. epoxide	14.977
alpha chlordane	15.566
4,4'-DDE	15.768
Dieldrin	16.409

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:49:43
Reprocess Number	: buf2048: 98804		
Operator	: tchrom	Sample Name	: 9090308
Sample Number	:	Study	: TECH
AutoSampler	: BUILT-IN	Rack/Vial	: 1/30
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 20:32:59	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46230.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46230.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46230.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46230.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46230.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.28	3832		B	0.00383	1383.23
2	7.76	3065		B	0.00306	1229.72
3	8.99	166968		B	0.16697	54521.88
4	10.89	24584		B	0.02458	7985.45
5	11.17	19454		B	0.01945	6182.65
6	11.43	52482		B	0.05248	15401.29
7	11.74	12444		B	0.01244	4012.99
8	11.89	15288	beta-BHC	B	4.90e-04	4803.72
9	12.15	42184		B	0.04218	12980.08
10	12.25	33373	delta-BHC	V	0.00284	9691.34
11	12.40	82411		V	0.08241	20202.44
12	12.50	4624		V	0.00462	1626.97
13	12.61	442586		V	0.44259	137880.10
14	12.81	927086	Heptachlor	B	0.02793	292944.74
15	13.06	52932		V	0.05293	16015.99
16	13.12	135368		V	0.13537	23912.51

09/29/2009 07:49:43 Result: H:\TURBO6\6890-06\6-SEQ46\6A46230.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	13.32	45717		V	0.04572	8319.38
18	13.46	14939	Aldrin	V	0.00137	4373.26
19	13.77	83571		B	0.08357	22150.76
20	13.89	579595		V	0.57959	150168.44
21	14.05	18995		V	0.01899	5399.64
22	14.12	44462		V	0.04446	12164.17
23	14.20	41793		V	0.04179	12700.27
24	14.29	167832		V	0.16783	36485.04
25	14.48	76044		V	0.07604	23068.17
26	14.61	188265		B	0.18827	41771.53
27	14.84	327383		B	0.32738	99769.34
28	15.00	238956	Hept. epoxide	V	0.00770	36950.20
29	15.09	264130		V	0.26413	64920.81
30	15.27	2188010	gamma chlordane	B	0.06723	584535.03
31	15.55	3649934	alpha chlordane	B	0.11965	798381.01
32	15.68	22538		V	0.02254	8137.44
33	15.94	38156	Endosulfan I	B	0.00145	11318.83
34	16.04	139100		V	0.13910	38478.06
35	16.12	30153		V	0.03015	11052.63
36	16.26	105241		B	0.10524	25656.98
37	16.46	40918	Dieldrin	B	0.00223	11538.93
38	16.58	109371		V	0.10937	24435.06
39	16.74	20412		B	0.02041	6213.36
40	16.81	31556		V	0.03156	8341.21
41	16.89	37161	Endrin	V	0.00269	10910.89
42	17.01	453257	4,4'-DDD	V	0.02021	112359.90
43	17.27	502860		B	0.50286	132663.47
44	17.44	15630	Endosulfan II	V	9.23e-04	4159.47
45	17.81	119515		B	0.11952	29058.53
46	17.90	14986		E	0.01499	4645.78
47	18.21	33908		B	0.03391	6757.89
48	18.38	5791	Endrin aldehyde	V	5.45e-04	1674.59
49	18.51	4526		B	0.00453	1362.69
50	19.11	3457		B	0.00346	1246.43
51	19.27	24193	Endo. Sulfate	B	0.00408	4458.45
52	19.39	36464		V	0.03646	7290.66
53	19.53	6126		V	0.00613	1775.44
54	22.12	9172	Decachlorobiphenyl	B	-4.5e-04	594.06
		11752797			4.31982	2.98e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:49:53
Reprocess Number	: buf2048: 98806		
Operator	: tchrom	Sample Name	: 9090313
Sample Number	:	Study	: TOX
AutoSampler	: BUILT-IN	Rack/Vial	: 1/31
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 21:09:07	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46231.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46231.rst
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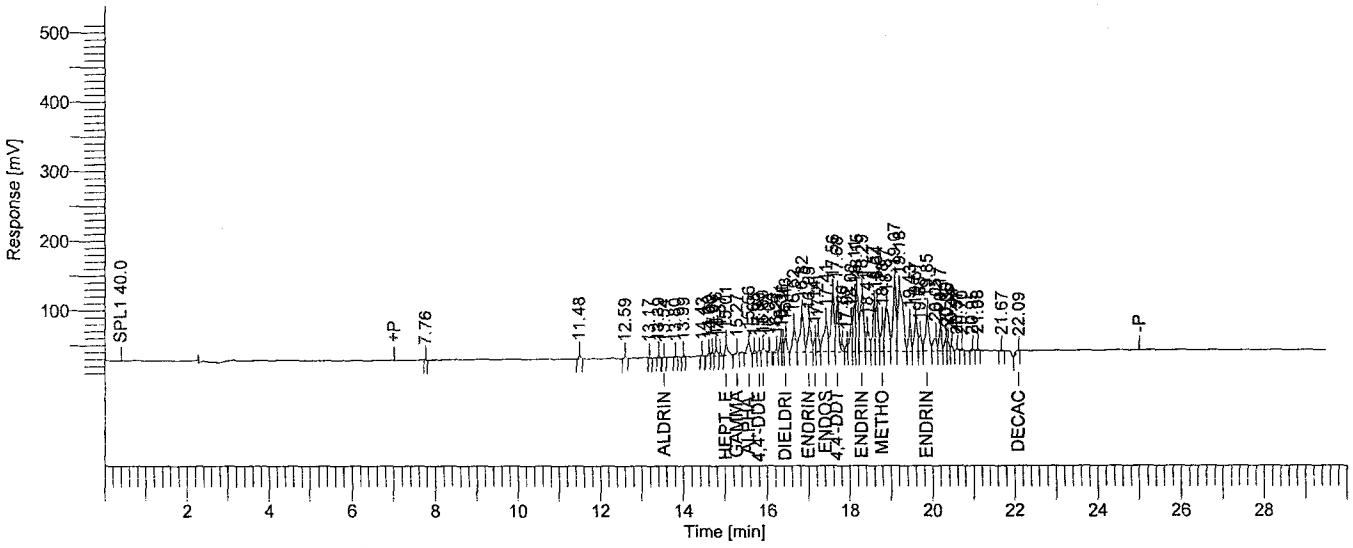
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46231.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46231.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

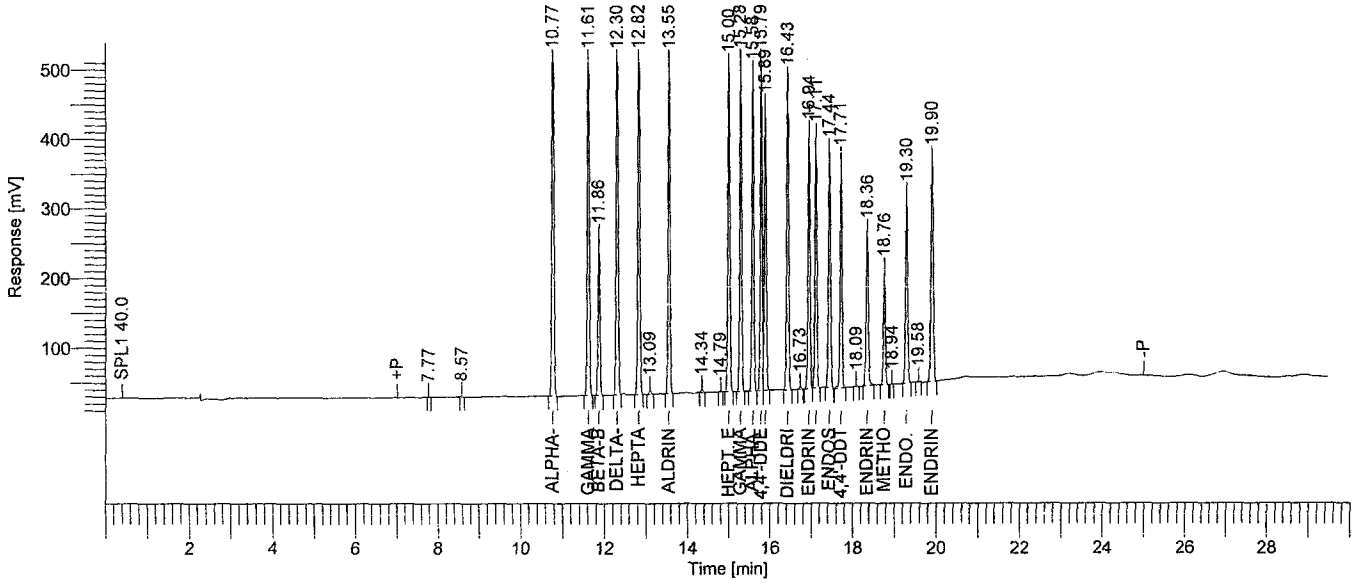
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.76	3304		B	0.00330	1280.94
2	11.48	17518		B	0.01752	5509.25
3	12.59	10983		B	0.01098	3331.46
4	13.17	3333		B	0.00333	1123.79
5	13.39	11029		B	0.01103	3440.06
6	13.54	3227	Aldrin	B	0.00102	1025.93
7	13.80	2908		B	0.00291	1095.22
8	13.99	7477		B	0.00748	2477.32
9	14.43	5986		B	0.00599	2062.47
10	14.60	16679		B	0.01668	3667.98
11	14.68	23494		V	0.02349	6011.28
12	14.76	40501		V	0.04050	8783.05
13	14.87	20569		V	0.02057	4998.97
14	15.01	76272	Hept. epoxide	B	0.00243	16817.58
15	15.27	9508	gamma chlordane	B	0.00116	2696.25
16	15.56	71836	alpha chlordane	B	0.00273	13446.28

09/29/2009 07:49:53 Result: H:\TURBO6\6890-06\6-SEQ46\6A46231.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	15.68	15810		B	0.01581	3929.02
18	15.80	15503	4,4'-DDE	V	0.00174	3432.39
19	15.89	35390	Endosulfan I	V	0.00135	6425.60
20	16.04	11660		V	0.01166	2562.71
21	16.21	16408		B	0.01641	4439.04
22	16.31	48699		V	0.04870	13994.46
23	16.36	45717		V	0.04572	14787.07
24	16.43	97017	Dieldrin	V	0.00400	23846.04
25	16.62	187244		V	0.18724	35844.08
26	16.82	360757		V	0.36076	54881.49
27	16.99	243456	Endrin	V	0.01018	39906.06
28	17.14	69100	4,4'-DDD	V	0.00397	19357.76
29	17.21	139467		V	0.13947	28487.99
30	17.41	294478	Endosulfan II	V	0.01207	43383.94
31	17.56	471555		V	0.47156	85153.33
32	17.68	362581	4,4'-DDT	V	0.01732	81933.75
33	17.80	43891		E	0.04389	10316.24
34	17.92	38269		V	0.03827	10278.10
35	18.02	176438		V	0.17644	43176.08
36	18.11	285724		V	0.28572	77138.20
37	18.15	384005		V	0.38401	85854.92
38	18.29	532223	Endrin aldehyde	V	0.03237	84451.73
39	18.41	175012		V	0.17501	30593.46
40	18.57	277415		V	0.27741	68624.33
41	18.64	315047		V	0.31505	68808.29
42	18.78	204449	Methoxychlor	V	0.01885	44196.91
43	18.87	419055		V	0.41905	63991.63
44	19.07	544410		V	0.54441	101299.33
45	19.18	774178		V	0.77418	89220.07
46	19.43	162713		V	0.16271	41102.14
47	19.57	245320		V	0.24532	45370.51
48	19.68	118352		V	0.11835	23143.30
49	19.85	321601	Endrin ketone	V	0.01487	55823.47
50	20.05	133051		V	0.13305	21537.26
51	20.17	159345		V	0.15934	37180.08
52	20.30	60158		V	0.06016	15205.02
53	20.35	50749		V	0.05075	13802.06
54	20.44	25089		V	0.02509	7095.33
55	20.57	11475		V	0.01148	2817.85
56	20.70	11857		V	0.01186	2717.99
57	20.95	9034		B	0.00903	2457.49
58	21.08	11080		V	0.01108	2996.02
59	21.67	7266		B	0.00727	1946.46
60	22.09	24247	Decachlorobiphenyl	B	2.23e-04	1506.98
		8260917			6.02430	1.59e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:50:57
Reprocess Number	: buf2048: 98820		
Operator	: tchrom	Sample Name	: 9090864-CCV2
Sample Number	:	Study	: 8081
AutoSampler	: BUILT-IN	Rack/Vial	: 1/38
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 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	: 09/29/2009 01:20:31	Cycle	: 12

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46238.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46238.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46238.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46238.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46238.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.77	BB	1908096	alpha-BHC	0.04947	628936.28	-1.1	10.72 -	10.82
11.61	BB	1754518	gamma-BHC	0.04983	560592.22	-0.3	11.56 -	11.66
11.86	BB	723063	beta-BHC	0.05047	225687.18	0.9	11.81 -	11.91
12.30	BB	1798075	delta-BHC	0.05038	568451.56	0.8	12.25 -	12.35
12.82	BB	1749144	Heptachlor	0.05249	553568.28	5.0	12.77 -	12.87
13.55	BB	1643953	Aldrin	0.05083	515127.99	1.7	13.50 -	13.60
15.00	BB	1551779	Hept. epoxide	0.05027	466994.43	0.5	14.95 -	15.05
15.28	BB	1584345	gamma chlordane	0.04892	487775.99	-2.2	15.23 -	15.33
15.58	BB	1473215	alpha chlordane	0.04852	455716.79	-3.0	15.53 -	15.63
15.79	BV	1494080	4,4'-DDE	0.04883	475475.51	-2.3	15.74 -	15.84
15.89	VB	1387831	Endosulfan I	0.04979	406648.60	-0.4	15.84 -	15.94
16.43	BB	1513075	Dieldrin	0.04868	445395.68	-2.6	16.38 -	16.48
16.94	BB	1267203	Endrin	0.04734	366201.62	-5.3	16.89 -	16.99
17.11	BB	1157462	4,4'-DDD	0.04997	360663.18	-0.1	17.06 -	17.16
17.44	BB	1207370	Endosulfan II	0.04858	338542.85	-2.8	17.39 -	17.49
17.71	BB	1085994	4,4'-DDT	0.04668	327347.03	-6.6	17.66 -	17.76

9/29/09 mm

09/29/2009 07:50:57 Result: H:\TURBO6\6890-06\6-SEQ46\6A46238.rst

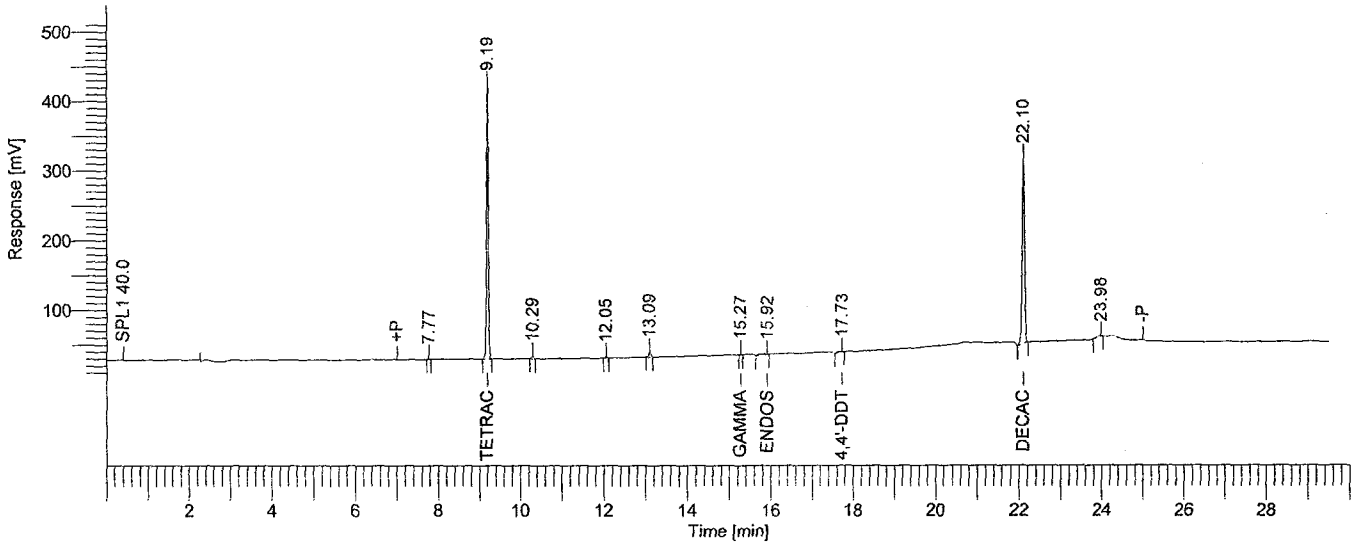
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
18.36	BB	799678	Endrin aldehyde	0.04854	218845.36	-2.9	18.31 -	18.41
18.76	BB	538769	Methoxychlor	0.04776	162525.05	-4.5	18.71 -	18.81
19.30	BB	974771	Endo. Sulfate	0.05269	268479.80	5.4	19.25 -	19.35
19.90	BB	1212544	Endrin ketone	0.05046	319196.77	0.9	19.85 -	19.95
		26824966		0.99049	8.15e+06			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	9.178
Decachlorobiphenyl	22.082

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:04
Reprocess Number	: buf2048: 98822		
Operator	: tchrom	Sample Name	: 9090254-CCV2
Sample Number	:	Study	: SURR
AutoSampler	: BUILT-IN	Rack/Vial	: 1/39
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 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	: 09/29/2009 01:56:31	Cycle	: 13

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46239.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46239.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46239.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46239.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46239.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
9.19	BB	1211949	Tetrachloro-m-xylene	0.04763	393599.68	-4.7	9.14 -	9.24
15.27	BB	4525	gamma chlordane	0.00101	1536.43	-98.0	15.22 -	15.32
15.92	BB	20225	Endosulfan I	8.06e-04	362.67	-98.4	15.87 -	15.97
17.73	BB	11636	4,4'-DDT	0.00307	498.27	-93.9	17.68 -	17.78
22.10	BB	1108317	Decachlorobiphenyl	0.04859	267131.08	-2.8	22.05 -	22.15
		2356653		0.10112	663128.13			

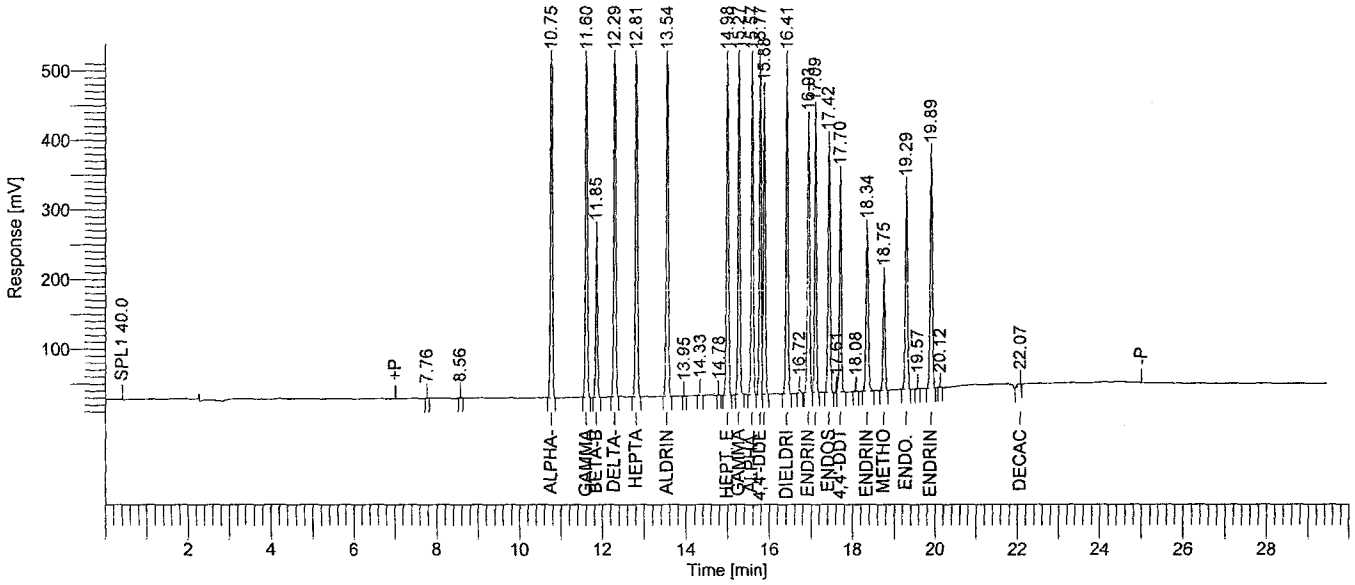
9/29/09 mn

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	10.743
gamma-BHC	11.590
beta-BHC	11.839
delta-BHC	12.280
Heptachlor	12.799
Aldrin	13.529
Hept. epoxide	14.977
alpha chlordane	15.566
4,4'-DDE	15.768

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:47
Reprocess Number	: buf2048: 98836		
Operator	: tchrom	Sample Name	: 9090864-CCV3
Sample Number	:	Study	: 8081
AutoSampler	: BUILT-IN	Rack/Vial	: 1/46
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 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	: 09/29/2009 06:08:05	Cycle	: 20

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46246.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46246.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46246.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46246.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46246.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.75	BB	1952376	alpha-BHC	0.05059	641676.50	1.2	10.70 -	10.80
11.60	BB	1806332	gamma-BHC	0.05126	577977.43	2.5	11.55 -	11.65
11.85	BB	747070	beta-BHC	0.05217	232793.60	4.3	11.80 -	11.90
12.29	BB	1869672	delta-BHC	0.05231	595750.26	4.6	12.24 -	12.34
12.81	BB	1804754	Heptachlor	0.05415	568045.71	8.3	12.76 -	12.86
13.54	BB	1726554	Aldrin	0.05334	543540.43	6.7	13.49 -	13.59
14.98	BB	1630838	Hept. epoxide	0.05283	488449.02	5.7	14.93 -	15.03
15.27	BB	1671718	gamma chlordane	0.05157	512890.84	3.1	15.22 -	15.32
15.57	BB	1579055	alpha chlordane	0.05198	481268.75	4.0	15.52 -	15.62
15.77	BV	1567181	4,4'-DDE	0.05116	500963.58	2.3	15.72 -	15.82
15.88	VB	1451713	Endosulfan I	0.05208	428842.01	4.2	15.83 -	15.93
16.41	BB	1595130	Dieldrin	0.05127	473800.34	2.5	16.36 -	16.46
16.93	BB	1341812	Endrin	0.05005	383573.79	0.1	16.88 -	16.98
17.09	BB	1275204	4,4'-DDD	0.05495	397268.77	9.9	17.04 -	17.14
17.42	BB	1270135	Endosulfan II	0.05109	355741.62	2.2	17.37 -	17.47
17.70	VB	1001200	4,4'-DDT	0.04324	305491.21	-13.5	17.65 -	17.75
18.34	BB	836184	Endrin aldehyde	0.05074	226388.64	1.5	18.29 -	18.39

9/29/09

09/29/2009 07:51:47 Result: H:\TURBO6\6890-06\6-SEQ46\6A46246.rst

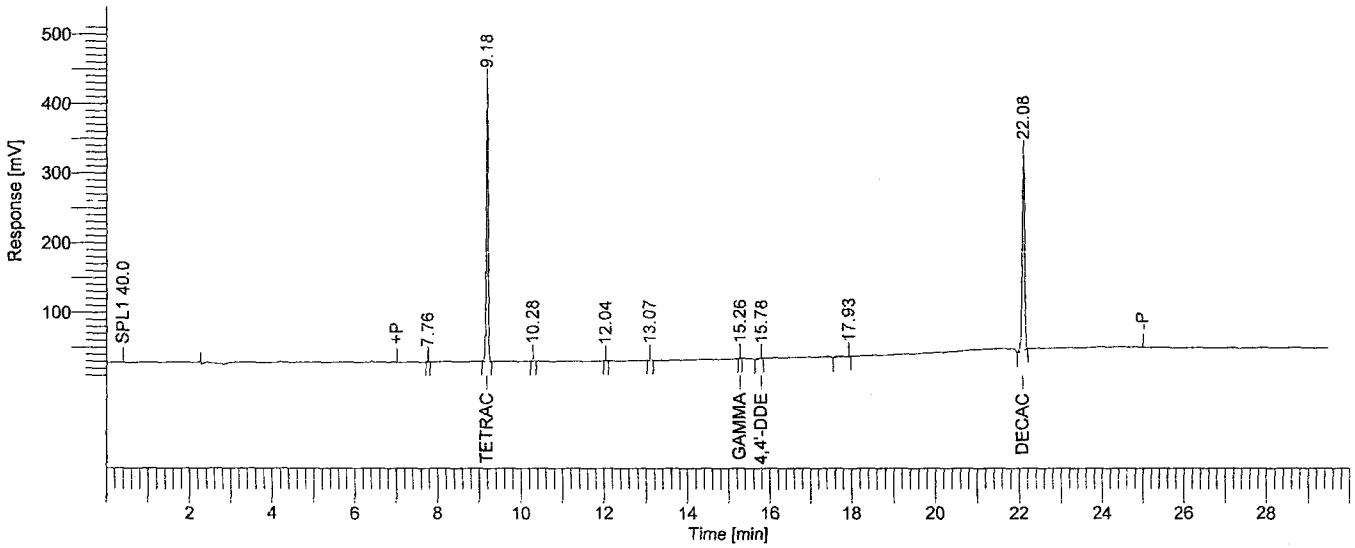
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
18.75	BB	524737	Methoxychlor	0.04654	158010.02	-6.9	18.70 -	18.80
19.29	BB	1036178	Endo. Sulfate	0.05583	285398.69	11.7	19.24 -	19.34
19.89	BB	1267676	Endrin ketone	0.05266	331370.16	5.3	19.84 -	19.94
22.07	BB	19301	Decachlorobiphenyl	2.44e-06	1278.74	-100.0	22.02 -	22.12
		27974821		1.02981	8.49e+06			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene	9.178

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:52
Reprocess Number	: buf2048: 98838		
Operator	: tchrom	Sample Name	: 9090254-CCV3
Sample Number	:	Study	: SURR
AutoSampler	: BUILT-IN	Rack/Vial	: 1/47
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 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	: 09/29/2009 06:44:03	Cycle	: 21

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46247.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46247.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46247.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46247.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46247.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
9.18	BB	1224055	Tetrachloro-m-xylene	0.04810	401131.45	-3.8	9.13 -	9.23
15.26	BB	3184	gamma chlordane	9.69e-04	1181.99	-98.1	15.21 -	15.31
15.78	BB	10194	4,4'-DDE	0.00157	521.64	-96.9	15.73 -	15.83
22.08	BB	1166423	Decachlorobiphenyl	0.05119	281967.58	2.4	22.03 -	22.13
		2403855		0.10183	684802.65			

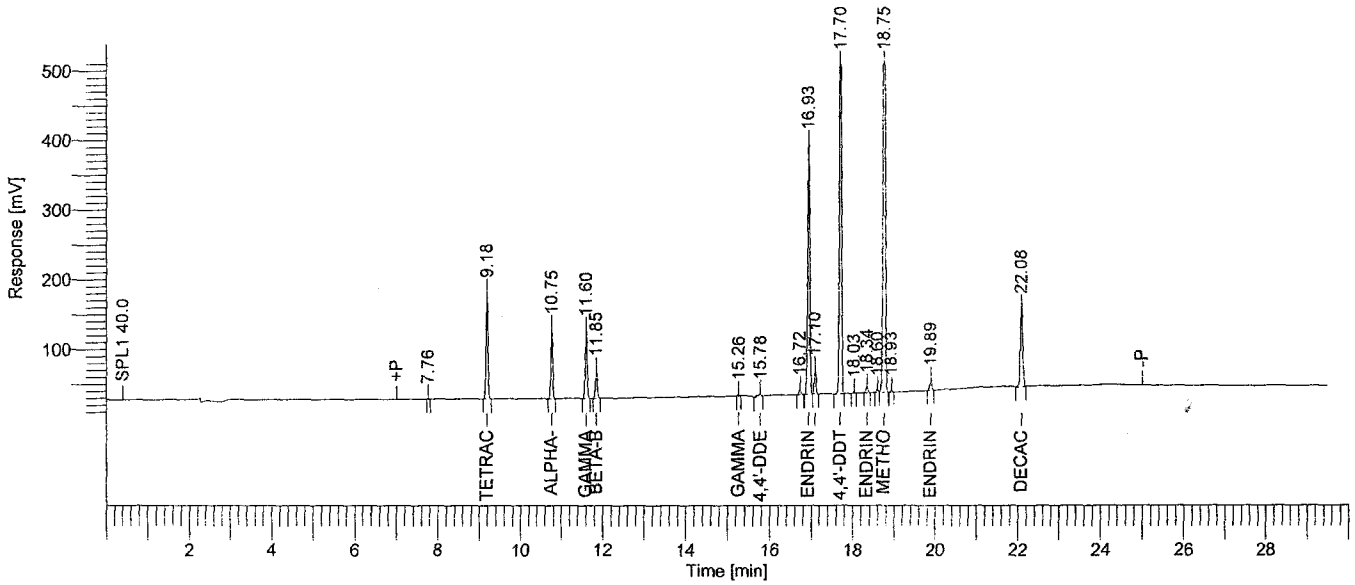
9/29/09 mn

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC	10.743
gamma-BHC	11.590
beta-BHC	11.839
delta-BHC	12.280
Heptachlor	12.799
Aldrin	13.529
Hept. epoxide	14.977
alpha chlordane	15.566
Endosulfan I	15.868
Dieldrin	16.409

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:56
Reprocess Number	: buf2048: 98840		
Operator	: tchrom	Sample Name	: 9091475-CCV3
Sample Number	:	Study	: PEM
AutoSampler	: BUILT-IN	Rack/Vial	: 1/48
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.48 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/29/2009 07:20:06	Cycle	: 22

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46248.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46248.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46248.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46248.rst
Calib Method : h:\turbo6\6890-06\6a-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6A46248.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.76	3602		B	0.00360	1408.76
2	9.18	467796	Tetrachloro-m-xylene	B	0.01895	153134.66
3	10.75	305252	alpha-BHC	B	0.00879	100319.92
4	11.60	306313	gamma-BHC	B	0.00966	97304.47
5	11.85	130095	beta-BHC	B	0.00860	39881.08
6	15.26	6056	gamma chlordane	B	0.00106	2014.84
7	15.78	21098	4,4'-DDE	B	0.00192	3338.58
8	16.72	24904		B	0.02490	6881.19
9	16.93	1253537	Endrin	B	0.04685	359397.28
10	17.10	111668	4,4'-DDD	V	0.00577	33832.90
11	17.70	2202824	4,4'-DDT	B	0.09201	669073.90
12	18.03	4130		B	0.00413	1320.79
13	18.34	26575	Endrin aldehyde	B	0.00180	7550.26
14	18.60	12164		B	0.01216	3076.48

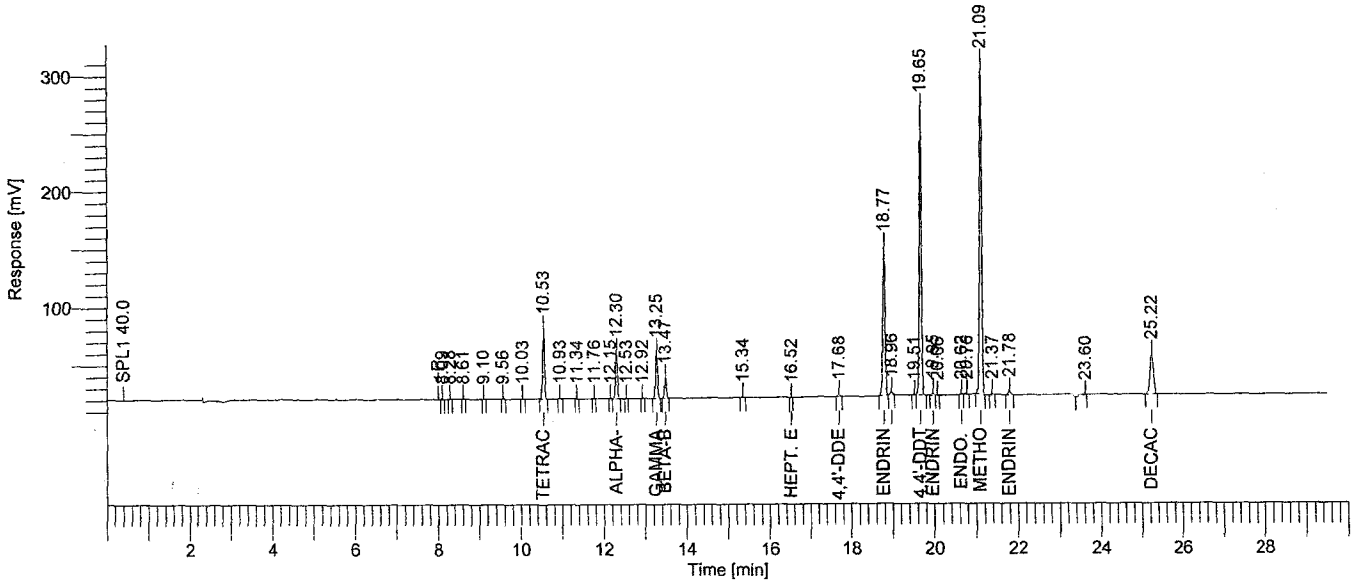
9/29/09 am
Endrin 6.1%
DDT 5.7%

09/29/2009 07:51:56 Result: H:\TURBO6\6890-06\6-SEQ46\6A46248.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
15	18.75	2751829	Methoxychlor	V	0.23909	839839.50
16	18.93	9973		B	0.00997	3159.06
17	19.89	54595	Endrin ketone	B	0.00421	14448.85
18	22.08	467335	Decachlorobiphenyl	B	0.01999	112706.77
		8159746			0.51347	2.45e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:49:18
Reprocess Number	: buf2048: 98799		
Operator	: tchrom	Sample Name	: 9091475-CCV1
Sample Number	:	Study	: PEM
AutoSampler	: BUILT-IN	Rack/Vial	: 1/27
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 18:44:59	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46227.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46227.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46227.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46227.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46227.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
1	8.09	1819		B	0.00182	761.70
2	8.28	2134		B	0.00213	803.01
3	8.61	1516		B	0.00152	597.24
4	9.10	1685		B	0.00168	733.12
7	10.53	195127	Tetrachloro-m-xylene (	B	0.02103	60272.68
8	10.93	1875		B	0.00187	594.10
12	12.30	129792	alpha-BHC (2C)	V	0.01053	40650.13
15	13.25	133835	gamma-BHC (2C)	B	0.01079	40121.15
16	13.47	59391	beta-BHC (2C)	B	0.00937	17478.17
17	15.34	3267		B	0.00327	888.67
19	17.68	7037	4,4'-DDE (2C)	B	0.00187	2106.67
20	18.77	482583	Endrin (2C)	B	0.05275	128479.76
21	18.96	9746	4,4'-DDD (2C)	V	0.00228	2810.45
22	19.51	2972		B	0.00297	830.08
23	19.65	855909	4,4'-DDT (2C)	V	0.11006	248443.78
24	19.95	7018	Endrin aldehyde (2C)	B	1.72e-04	1843.43

9/29/09 mm

Endrin 4.0%

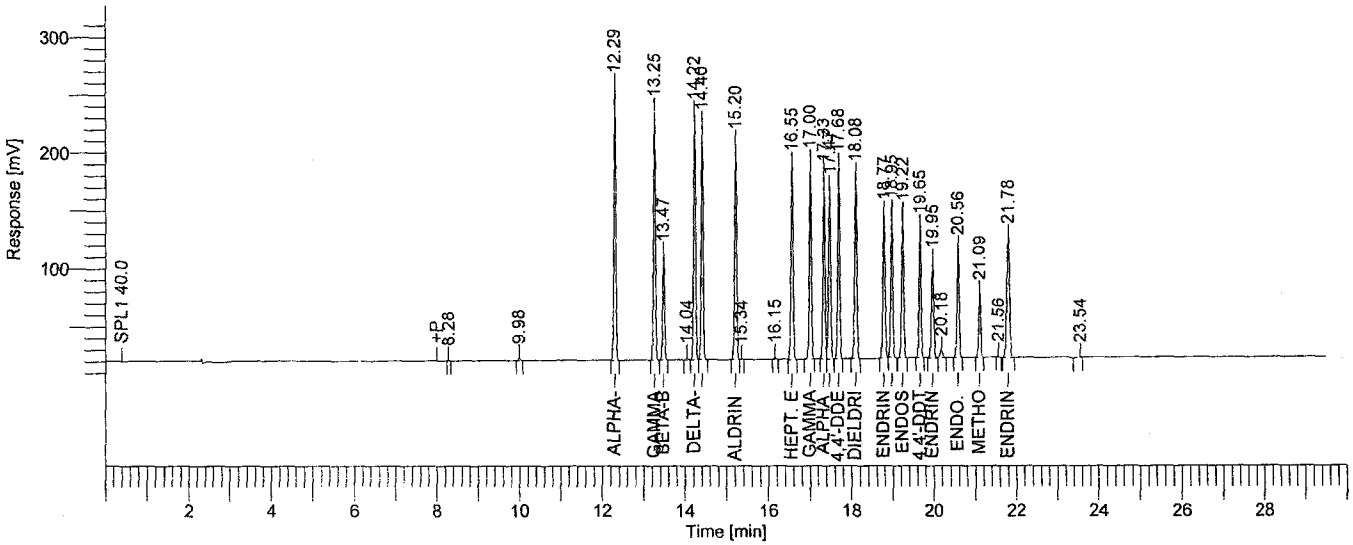
DDT 1.9%

09/29/2009 07:49:18 Result: H:\TURBO6\6890-06\6-SEQ46\6b46227.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
26	20.62	2394	Endo. Sulfate (2C)	B	0.00227	726.57
27	20.76	2621		B	0.00262	626.35
28	21.09	1036770	Methoxychlor (2C)	B	0.27986	290772.80
29	21.37	4450		B	0.00445	1276.39
30	21.78	13197	Endrin ketone (2C)	B	0.00264	3071.03
31	23.60	11662		B	0.01166	272.07
32	25.22	204836	Decachlorobiphenyl (2C	B	0.02207	34783.70
		3171634			0.55969	878943.07

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:49:28
Reprocess Number	: buf2048: 98801		
Operator	: tchrom	Sample Name	: 9090864-CCV1
Sample Number	:	Study	: 8081
AutoSampler	: BUILT-IN	Rack/Vial	: 1/28
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 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	: 09/28/2009 19:21:06	Cycle	: 2

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46228.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46228.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46228.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46228.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46228.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
12.29	BB	742291	alpha-BHC (2C)	0.04996	235235.86	-0.1	12.24 -	12.34
13.25	BB	701114	gamma-BHC (2C)	0.05056	214640.14	1.1	13.20 -	13.30
13.47	BB	302948	beta-BHC (2C)	0.05201	89862.34	4.0	13.42 -	13.52
14.22	VB	698480	delta-BHC (2C)	0.05054	211600.91	1.1	14.17 -	14.27
14.40	BB	669889	Heptachlor (2C)	0.05104	202540.59	2.1	14.35 -	14.45
15.20	BV	621550	Aldrin (2C)	0.05117	186139.17	2.3	15.15 -	15.25
16.55	BB	591286	Hept. epoxide (2C)	0.05207	167039.65	4.1	16.50 -	16.60
17.00	BB	584926	gamma chlordane (2C)	0.05179	169043.49	3.6	16.95 -	17.05
17.33	BV	554688	alpha chlordane (2C)	0.05193	157234.68	3.9	17.28 -	17.38
17.47	VB	527097	Endosulfan I (2C)	0.05201	146829.66	4.0	17.42 -	17.52
17.68	BB	542000	4,4'-DDE (2C)	0.05115	165485.32	2.3	17.63 -	17.73
18.08	BB	563431	Dieldrin (2C)	0.05122	157004.64	2.4	18.03 -	18.13
18.77	BB	460943	Endrin (2C)	0.05045	123129.88	0.9	18.72 -	18.82
18.95	BB	425509	4,4'-DDD (2C)	0.05138	124103.13	2.8	18.90 -	19.00
19.22	BB	463052	Endosulfan II (2C)	0.05180	122287.62	3.6	19.17 -	19.27
19.65	BB	384021	4,4'-DDT (2C)	0.05069	111209.71	1.4	19.60 -	19.70

9/29/09 mta

09/29/2009 07:49:28 Result: H:\TURBO6\6890-06\6-SEQ46\6b46228.rst

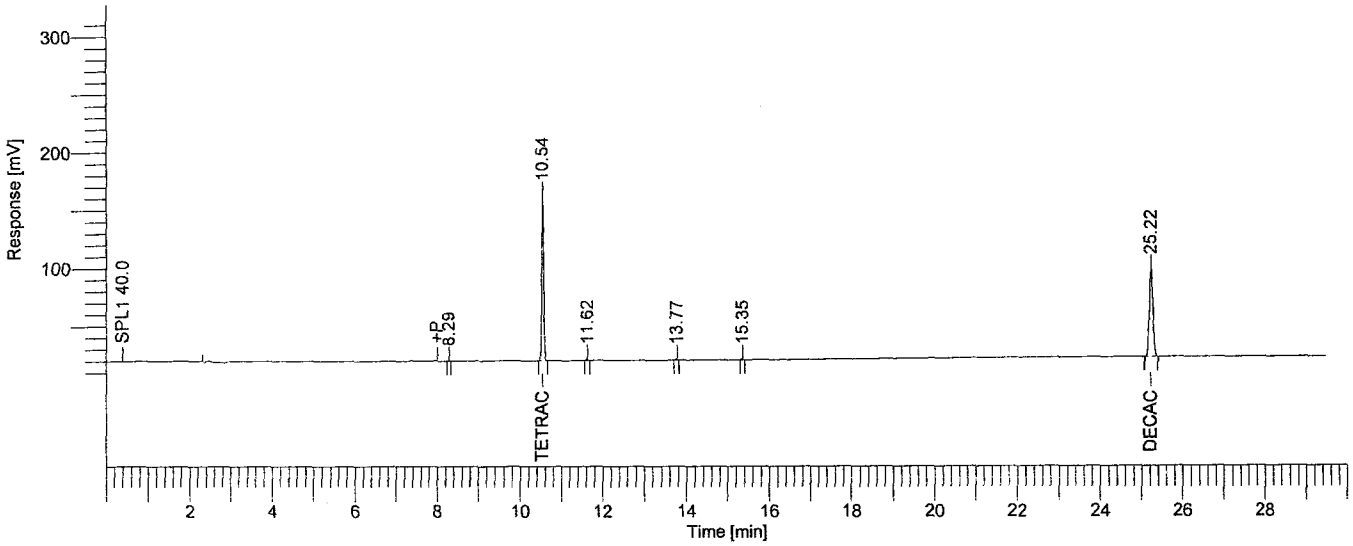
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
19.95	BV	317731	Endrin aldehyde (2C)	0.05215	81840.46	4.3	19.90 -	20.00
20.56	BB	359313	Endo. Sulfate (2C)	0.05183	92967.22	3.7	20.51 -	20.61
21.09	BB	197656	Methoxychlor (2C)	0.05343	54351.20	6.9	21.04 -	21.14
21.78	BB	455746	Endrin ketone (2C)	0.05243	102703.49	4.9	21.73 -	21.83
		10163672		1.02959	2.92e+06			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene (2C)	10.530
Decachlorobiphenyl (2C)	25.216

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 09:59:42
Reprocess Number	: buf2048: 98865		
Operator	: tchrom	Sample Name	: 9090254-CCV1
Sample Number	:	Study	: SURR
AutoSampler	: BUILT-IN	Rack/Vial	: 1/29
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.46 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	: 09/28/2009 19:57:04	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46229.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46229.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46229.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46229.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46229.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.54	BB	456695	Tetrachloro-m-xylene (	0.04838	142374.47	-3.2	10.49 -	10.59
25.22	BB	450019	Decachlorobiphenyl (2C	0.05103	75954.45	2.1	25.17 -	25.27
		906714		0.09941	218328.92			

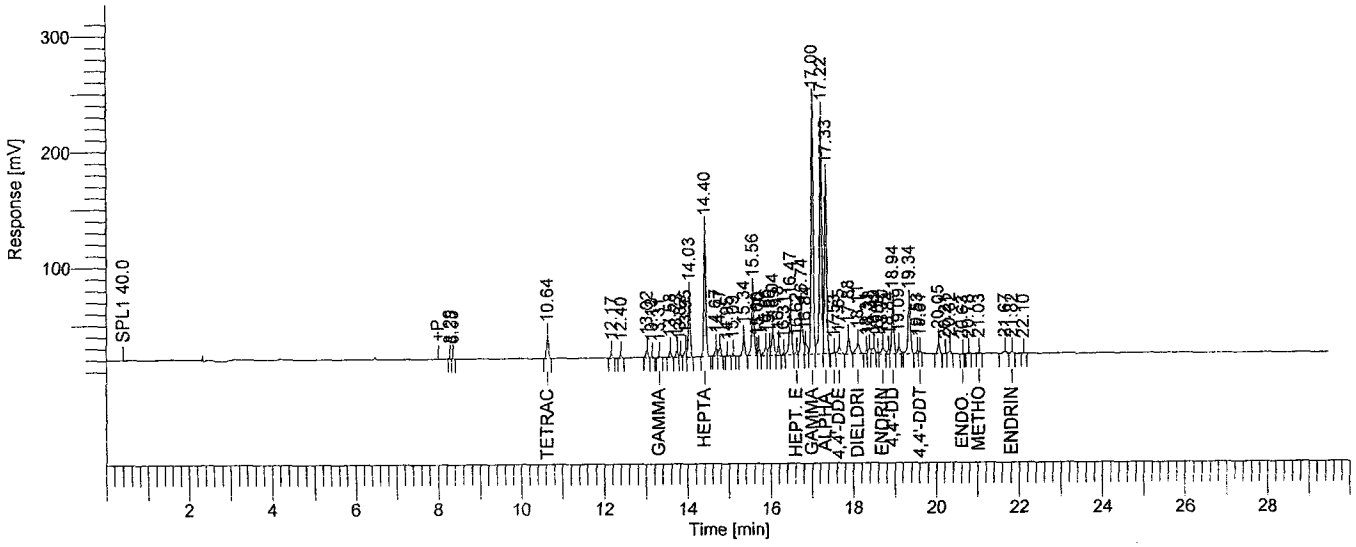
9/29/09 mm

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC (2C)	12.289
gamma-BHC (2C)	13.247
beta-BHC (2C)	13.465
delta-BHC (2C)	14.214
Heptachlor (2C)	14.398
Aldrin (2C)	15.200
Hept. epoxide (2C)	16.551
gamma chlordane (2C)	16.989
alpha chlordane (2C)	17.322
Endosulfan I (2C)	17.458
4,4'-DDE (2C)	17.672
Dieldrin (2C)	18.075

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:49:48
Reprocess Number	: buf2048: 98805		
Operator	: tchrom	Sample Name	: 9090308
Sample Number	:	Study	: TECH
AutoSampler	: BUILT-IN	Rack/Vial	: 1/30
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 20:32:59	Cycle	: 4

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46230.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46230.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46230.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46230.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46230.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

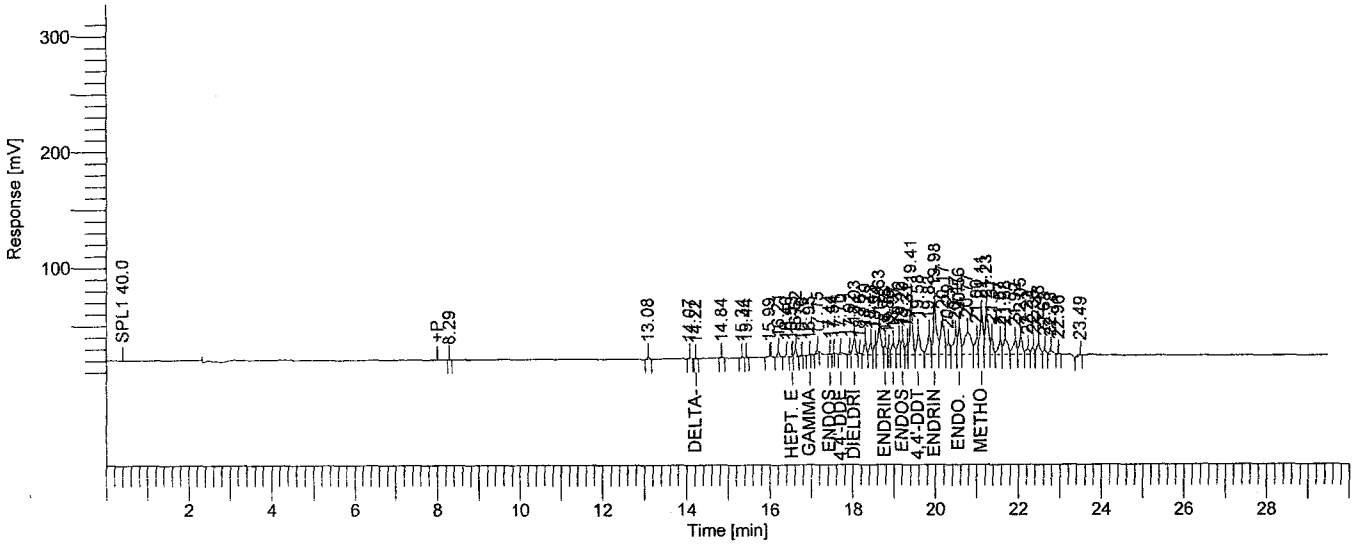
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.29	1996		B	0.00200	755.41
2	8.35	2146		V	0.00215	750.16
3	10.64	60874	Tetrachloro-m-xylene (	B	0.00699	18840.01
4	12.17	10927		B	0.01093	3316.47
5	12.40	8473		B	0.00847	2533.09
6	13.02	23676		B	0.02368	7017.47
7	13.13	5632		V	0.00563	1514.90
8	13.31	4757	gamma-BHC (2C)	B	0.00174	1319.18
9	13.58	16355		B	0.01635	5095.77
10	13.73	18190		B	0.01819	5006.89
11	13.82	7809		V	0.00781	2134.59
12	13.95	27322		V	0.02732	8142.32
13	14.03	181877		V	0.18188	53158.08
14	14.40	374176	Heptachlor (2C)	B	0.02879	109089.84
15	14.67	24934		B	0.02493	7387.63
16	14.77	32202		V	0.03220	7312.60

09/29/2009 07:49:48 Result: H:\TURBO6\6890-06\6-SEQ46\6b46230.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	14.95	4778		B	0.00478	1347.08
18	15.09	6315		B	0.00631	2074.34
19	15.34	52014		B	0.05201	14521.06
20	15.56	211000		B	0.21100	54746.73
21	15.66	7487		E	0.00749	3719.54
22	15.70	18132		V	0.01813	5084.14
23	15.86	35164		V	0.03516	7191.01
24	15.96	28055		V	0.02806	7266.14
25	16.04	83115		V	0.08311	20467.38
26	16.18	34863		V	0.03486	9662.61
27	16.31	5754		B	0.00575	1666.35
28	16.47	159370		V	0.15937	39159.08
29	16.62	12581	Hept. epoxide (2C)	V	0.00114	3044.93
30	16.74	144372		V	0.14437	32572.16
31	16.84	44604		V	0.04460	8838.21
32	17.00	754850	gamma chlordane (2C)	V	0.06671	217013.54
33	17.22	806497		V	0.80650	205657.53
34	17.33	533776	alpha chlordane (2C)	V	0.04998	151421.55
35	17.53	4885	Endosulfan I (2C)	B	4.78e-04	1192.52
36	17.65	28774	4,4'-DDE (2C)	V	0.00387	5441.26
37	17.88	52603		B	0.05260	13609.79
38	18.11	54689	Dieldrin (2C)	V	0.00579	9220.65
39	18.31	9565		B	0.00956	3020.50
40	18.38	18249		V	0.01825	4585.98
41	18.49	27393		V	0.02739	4835.04
42	18.59	2877		V	0.00288	889.62
43	18.70	29659	Endrin (2C)	V	0.00445	5295.96
44	18.84	15787		V	0.01579	3923.04
45	18.94	165149	4,4'-DDD (2C)	V	0.02063	43692.29
46	19.09	28493		V	0.02849	6268.33
47	19.34	179982		V	0.17998	43242.34
48	19.53	8352		B	0.00835	2140.42
49	19.61	6300	4,4'-DDT (2C)	V	0.00317	1932.45
50	20.05	35746		B	0.03575	9212.83
51	20.21	2486		B	0.00249	690.35
52	20.32	9555		V	0.00955	2430.08
53	20.63	1667	Endo. Sulfate (2C)	B	0.00216	526.51
54	20.78	3835		B	0.00383	1033.75
55	21.03	4292	Methoxychlor (2C)	B	0.00125	1263.56
56	21.67	12828		B	0.01283	1858.04
57	21.82	6121	Endrin ketone (2C)	V	0.00184	1493.69
58	22.10	2395		B	0.00240	620.48
		4455751			2.61219	1.19e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:49:58
Reprocess Number	: buf2048: 98807		
Operator	: tchrom	Sample Name	: 9090313
Sample Number	:	Study	: TOX
AutoSampler	: BUILT-IN	Rack/Vial	: 1/31
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/28/2009 21:09:07	Cycle	: 5

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46231.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46231.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46231.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46231.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46231.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

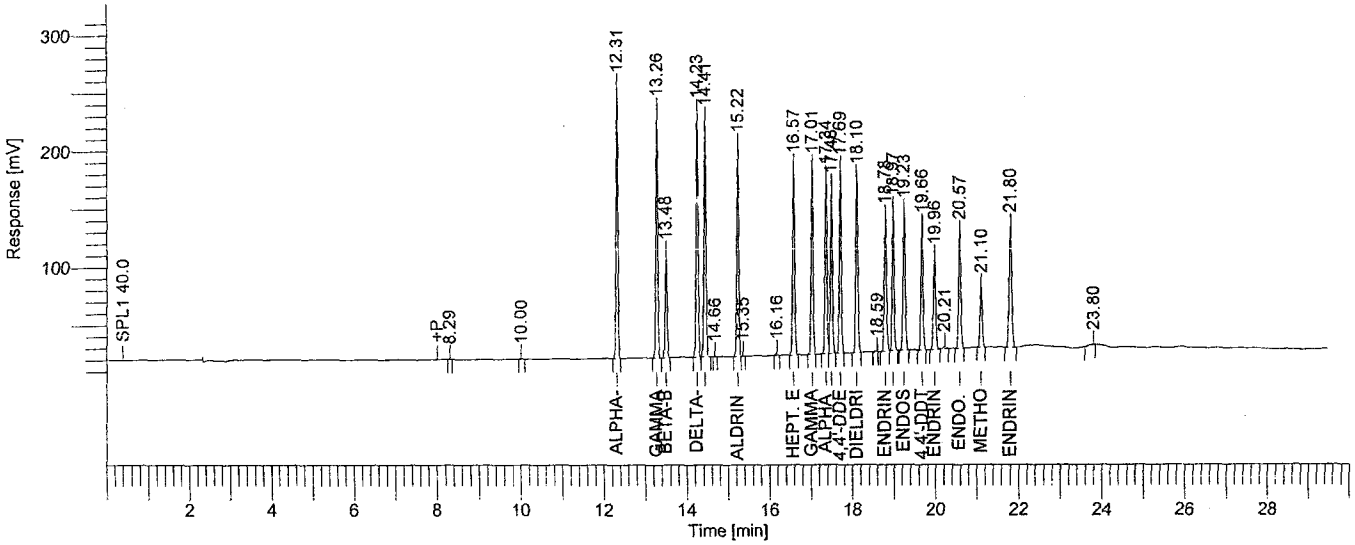
Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.29	2064		B	0.00206	754.83
2	13.08	8111		B	0.00811	2403.01
3	14.07	4254		B	0.00425	1281.16
4	14.22	1872	delta-BHC (2C)	B	0.00219	534.43
5	14.84	4376		B	0.00438	1298.87
6	15.34	3772		B	0.00377	1030.46
7	15.44	2726		V	0.00273	926.09
9	16.21	16884		B	0.01688	4519.16
10	16.40	6719		V	0.00672	1795.56
11	16.53	6084	Hept. epoxide (2C)	B	5.67e-04	1699.36
12	16.62	24673		V	0.02467	6342.86
15	17.15	10157		B	0.01016	2819.05
16	17.44	2429	Endosulfan I (2C)	B	2.36e-04	829.73
18	17.70	10814	4,4'-DDE (2C)	B	0.00222	1751.69
19	17.92	8131		B	0.00813	2413.35
20	18.03	65537	Dieldrin (2C)	V	0.00675	13632.34

09/29/2009 07:49:58 Result: H:\TURBO6\6890-06\6-SEQ46\6b46231.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
21	18.16	7686		V	0.00769	1620.65
22	18.29	47934		V	0.04793	11498.61
23	18.43	48206		V	0.04821	10209.88
24	18.54	32485		V	0.03248	9080.82
25	18.63	141184		V	0.14118	23046.30
26	18.78	38924	Endrin (2C)	V	0.00544	7362.65
27	18.86	19880		V	0.01988	5378.66
28	18.97	57785	4,4'-DDD (2C)	V	0.00796	9397.31
29	19.12	60315		V	0.06032	12962.92
30	19.20	59632	Endosulfan II (2C)	V	0.00666	12519.00
31	19.31	41047		V	0.04105	10963.53
32	19.41	231926		V	0.23193	49225.50
33	19.58	111514	4,4'-DDT (2C)	V	0.01640	18690.78
34	19.83	101861		V	0.10186	17783.06
35	19.98	251895	Endrin aldehyde (2C)	V	0.04114	45682.23
36	20.17	180040		V	0.18004	26783.16
37	20.29	62153		V	0.06215	10180.77
38	20.47	109720		V	0.10972	17544.97
39	20.56	115564	Endo. Sulfate (2C)	V	0.01798	24684.26
40	20.77	238652		V	0.23865	19734.95
41	21.00	82322		V	0.08232	14153.78
42	21.11	191746	Methoxychlor (2C)	V	0.05183	34996.37
43	21.23	217880		V	0.21788	35571.50
44	21.37	69742		V	0.06974	14873.90
45	21.57	67864		V	0.06786	12726.82
46	21.68	99860		V	0.09986	13589.31
47	21.92	77307		V	0.07731	11967.89
48	22.05	87968		V	0.08797	15606.69
49	22.23	31006		V	0.03101	4368.24
50	22.35	29326		V	0.02933	5962.25
51	22.48	59145		V	0.05915	9291.17
52	22.63	19924		V	0.01992	3906.07
53	22.78	24834		V	0.02483	3083.06
54	22.96	3494		V	0.00349	869.42
55	23.49	8095		B	0.00809	946.77
		3207519			2.45310	570295.17

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:00
Reprocess Number	: buf2048: 98821		
Operator	: tchrom	Sample Name	: 9090864-CCV2
Sample Number	:	Study	: 8081
AutoSampler	: BUILT-IN	Rack/Vial	: 1/38
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.47 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	: 09/29/2009 01:20:31	Cycle	: 12

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46238.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46238.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46238.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46238.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46238.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
12.31	BB	737235	alpha-BHC (2C)	0.04963	234233.92	-0.7	12.26 -	12.36
13.26	BB	696930	gamma-BHC (2C)	0.05026	212794.04	0.5	13.21 -	13.31
13.48	BB	299918	beta-BHC (2C)	0.05148	89083.85	3.0	13.43 -	13.53
14.23	BB	695765	delta-BHC (2C)	0.05035	210459.39	0.7	14.18 -	14.28
14.41	BB	671406	Heptachlor (2C)	0.05115	203688.55	2.3	14.36 -	14.46
15.22	BV	603906	Aldrin (2C)	0.04975	180482.63	-0.5	15.17 -	15.27
16.57	BB	568588	Hept. epoxide (2C)	0.05007	161734.20	0.1	16.52 -	16.62
17.01	BB	554898	gamma chlordane (2C)	0.04916	160454.92	-1.7	16.96 -	17.06
17.34	BV	527731	alpha chlordane (2C)	0.04941	150901.37	-1.2	17.29 -	17.39
17.48	VB	503355	Endosulfan I (2C)	0.04967	142830.04	-0.7	17.43 -	17.53
17.69	BB	516069	4,4'-DDE (2C)	0.04876	158044.50	-2.5	17.64 -	17.74
18.10	BB	535597	Dieldrin (2C)	0.04874	150114.81	-2.5	18.05 -	18.15
18.78	BB	422207	Endrin (2C)	0.04631	114123.83	-7.4	18.73 -	18.83
18.97	BB	410519	4,4'-DDD (2C)	0.04961	120624.40	-0.8	18.92 -	19.02
19.23	BB	440553	Endosulfan II (2C)	0.04928	118293.06	-1.4	19.18 -	19.28
19.66	BB	363361	4,4'-DDT (2C)	0.04809	105660.82	-3.8	19.61 -	19.71

9/29/09
mm

09/29/2009 07:51:00 Result: H:\TURBO6\6890-06\6-SEQ46\6b46238.rst

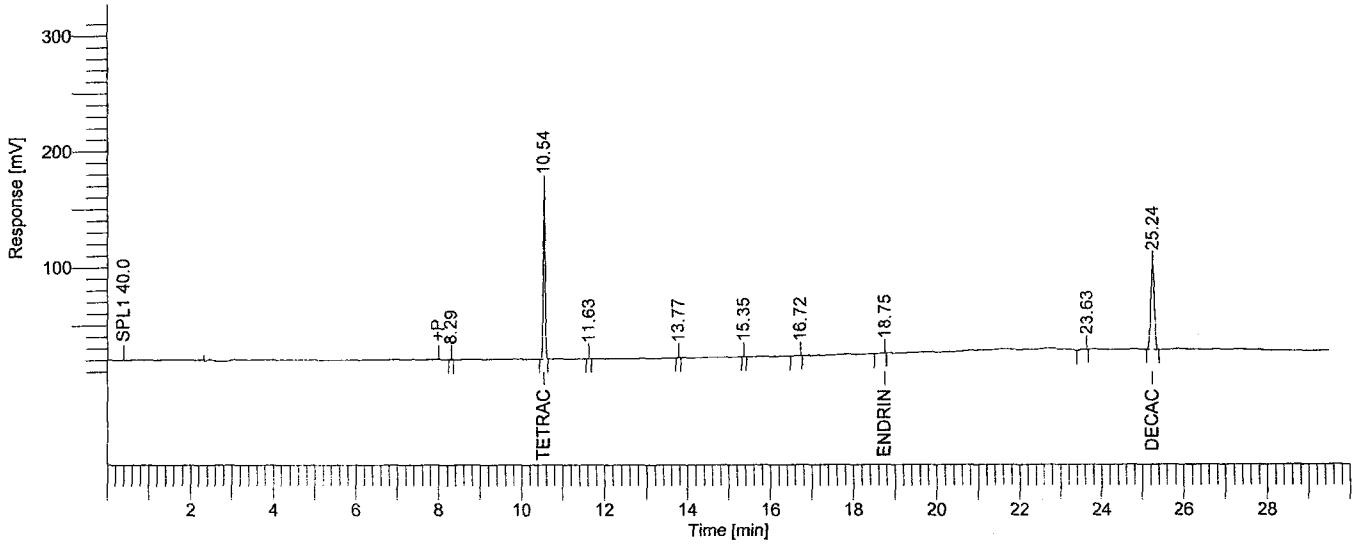
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
19.96	BV	298811	Endrin aldehyde (2C)	0.04898	77905.25	-2.0	19.91 -	20.01
20.57	BB	375832	Endo. Sulfate (2C)	0.05413	98352.91	8.3	20.52 -	20.62
21.10	BB	185126	Methoxychlor (2C)	0.05004	51480.42	0.1	21.05 -	21.15
21.80	BB	454524	Endrin ketone (2C)	0.05229	103451.07	4.6	21.75 -	21.85
		9862332		0.99716	2.84e+06			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene (2C)	10.530
Decachlorobiphenyl (2C)	25.216

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:08
Reprocess Number	: buf2048: 98823		
Operator	: tchrom	Sample Name	: 9090254-CCV2
Sample Number	:	Study	: SURR
AutoSampler	: BUILT-IN	Rack/Vial	: 1/39
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 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	: 09/29/2009 01:56:31	Cycle	: 13

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46239.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46239.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46239.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46239.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46239.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
10.54	BB	468343	Tetrachloro-m-xylene (	0.04960	146657.12	-0.8	10.49 -	10.59
18.75	BB	4333	Endrin (2C)	0.00175	100.67	-96.5	18.70 -	18.80
25.24	BB	427410	Decachlorobiphenyl (2C	0.04836	72990.92	-3.3	25.19 -	25.29
		900086		0.09971	219748.71			

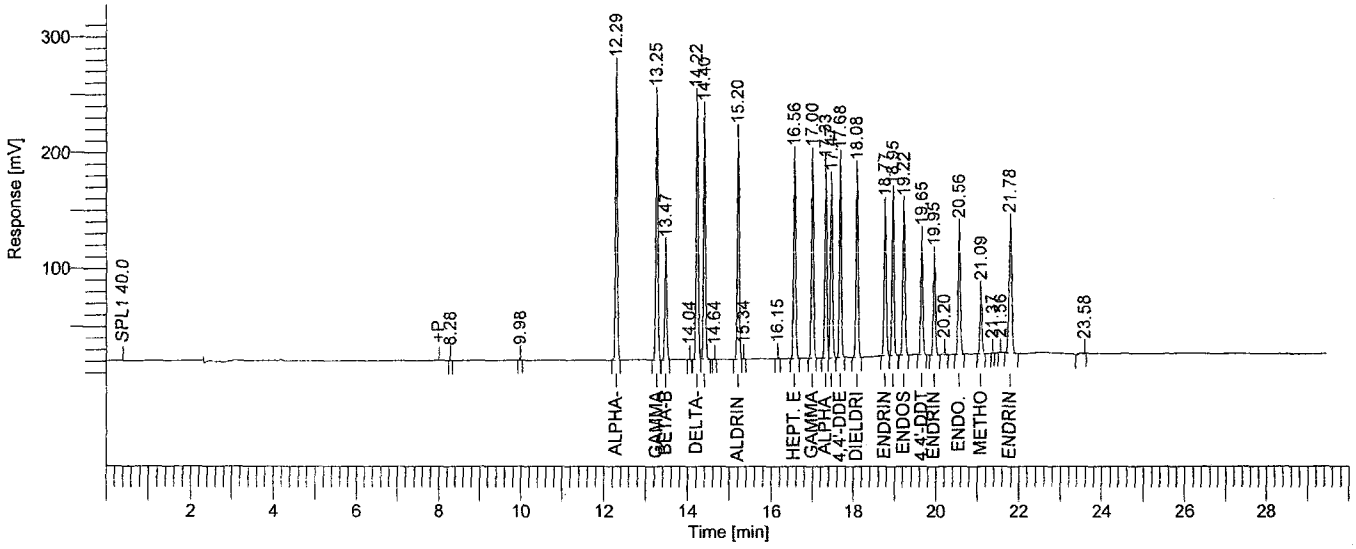
9/29/09 mm

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC (2C)	12.289
gamma-BHC (2C)	13.247
beta-BHC (2C)	13.465
delta-BHC (2C)	14.214
Heptachlor (2C)	14.398
Aldrin (2C)	15.200
Hept. epoxide (2C)	16.551
gamma chlordane (2C)	16.989
alpha chlordane (2C)	17.322
Endosulfan I (2C)	17.458
4,4'-DDE (2C)	17.672

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:50
Reprocess Number	: buf2048: 98837		
Operator	: tchrom	Sample Name	: 9090864-CCV3
Sample Number	:	Study	: 8081
AutoSampler	: BUILT-IN	Rack/Vial	: 1/46
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 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	: 09/29/2009 06:08:05	Cycle	: 20

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46246.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46246.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46246.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46246.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46246.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
12.29	BB	781566	alpha-BHC (2C)	0.05248	249168.93	5.0	12.24 -	12.34
13.25	BB	732944	gamma-BHC (2C)	0.05279	223512.00	5.6	13.20 -	13.30
13.47	BB	314802	beta-BHC (2C)	0.05408	93487.27	8.2	13.42 -	13.52
14.22	BB	733420	delta-BHC (2C)	0.05296	222071.05	5.9	14.17 -	14.27
14.40	BB	697633	Heptachlor (2C)	0.05313	210386.09	6.3	14.35 -	14.45
15.20	BV	637045	Aldrin (2C)	0.05242	191049.85	4.8	15.15 -	15.25
16.56	BB	597868	Hept. epoxide (2C)	0.05265	170863.94	5.3	16.51 -	16.61
17.00	BB	586093	gamma chlordane (2C)	0.05190	169660.88	3.8	16.95 -	17.05
17.33	BV	559409	alpha chlordane (2C)	0.05237	160151.27	4.7	17.28 -	17.38
17.47	VB	531802	Endosulfan I (2C)	0.05247	148606.30	4.9	17.42 -	17.52
17.68	BB	546256	4,4'-DDE (2C)	0.05154	167287.65	3.1	17.63 -	17.73
18.08	BB	568052	Dieldrin (2C)	0.05163	157906.22	3.3	18.03 -	18.13
18.77	BB	460269	Endrin (2C)	0.05037	124657.86	0.7	18.72 -	18.82
18.95	BB	458865	4,4'-DDD (2C)	0.05532	134777.16	10.6	18.90 -	19.00
19.22	BB	466239	Endosulfan II (2C)	0.05215	125029.43	4.3	19.17 -	19.27
19.65	BB	339939	4,4'-DDT (2C)	0.04514	99014.82	-9.7	19.60 -	19.70

9/29/09

09/29/2009 07:51:50 Result: H:\TURBO6\6890-06\6-SEQ46\6b46246.rst

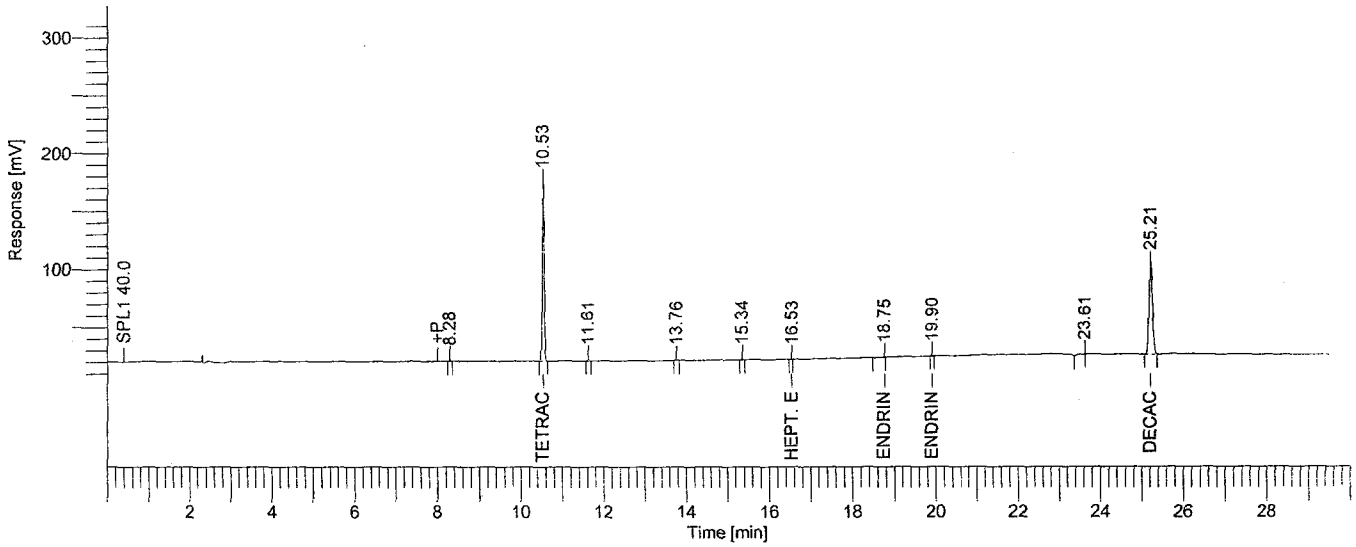
Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window	Relative
19.95	BV	316049	Endrin aldehyde (2C)	0.05187	81783.88	3.7	19.90 -	20.00
20.56	BB	401923	Endo. Sulfate (2C)	0.05775	105241.80	15.5	20.51 -	20.61
21.09	BB	183702	Methoxychlor (2C)	0.04966	51195.07	-0.7	21.04 -	21.14
21.78	VB	479754	Endrin ketone (2C)	0.05513	108592.72	10.3	21.73 -	21.83
		10393629		1.04783	2.99e+06			

Missing Component Report

Component	Expected Retention (Calibration File)
Tetrachloro-m-xylene (2C)	10.530
Decachlorobiphenyl (2C)	25.216

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:54
Reprocess Number	: buf2048: 98839		
Operator	: tchrom	Sample Name	: 9090254-CCV3
Sample Number	:	Study	: SURR
AutoSampler	: BUILT-IN	Rack/Vial	: 1/47
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.49 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	: 09/29/2009 06:44:03	Cycle	: 21

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46247.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46247.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6b46247.raw
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46247.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46247.rst
Report Format File: h:\turbo6\6890-06\06%d.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



Ret Time [min]	BL	Area [uV-sec]	Component Name	NG CONC.	Height [µV]	%D 0.05ng	RT Window -	Relative
10.53	BB	488480	Tetrachloro-m-xylene (	0.05170	153943.64	3.4	10.48 -	10.58
18.75	BB	4219	Endrin (2C)	0.00173	112.87	~~96.5~~	18.70 -	18.80
25.21	BB	452759	Decachlorobiphenyl (2C	0.05135	77310.41	2.7	25.16 -	25.26
		945458		0.10479	231366.93			

9/29/09 mm

Missing Component Report

Component	Expected Retention (Calibration File)
alpha-BHC (2C)	12.289
gamma-BHC (2C)	13.247
beta-BHC (2C)	13.465
delta-BHC (2C)	14.214
Heptachlor (2C)	14.398
Aldrin (2C)	15.200
gamma chlordane (2C)	16.989
alpha chlordane (2C)	17.322
Endosulfan I (2C)	17.458
4,4'-DDE (2C)	17.672
Dieldrin (2C)	18.075

Software Version	: 6.2.1.0.104:0104	Date	: 09/29/2009 07:51:58
Reprocess Number	: buf2048: 98841		
Operator	: tchrom	Sample Name	: 9091475-CCV3
Sample Number	:	Study	: PEM
AutoSampler	: BUILT-IN	Rack/Vial	: 1/48
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.48 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/29/2009 07:20:06	Cycle	: 22

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46248.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46248.rst
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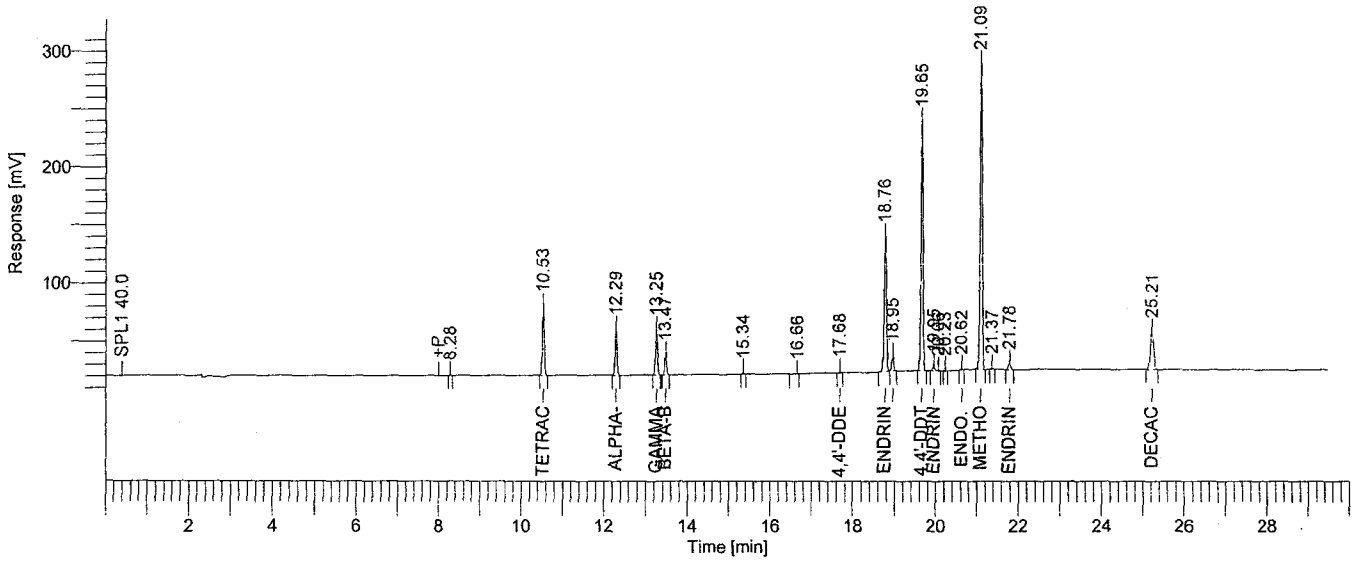
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46248.rst
Calib Method : h:\turbo6\6890-06\6b-pest(09-28-09)surr(9-28-09).mth from H:\TURBO6\6890-06\6-SEQ46\6b46248.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.28	2302		B	0.00230	848.54
2	10.53	190367	Tetrachloro-m-xylene (	B	0.02053	59225.50
3	12.29	125396	alpha-BHC (2C)	B	0.01025	39435.36
4	13.25	128288	gamma-BHC (2C)	B	0.01040	38824.04
5	13.47	57645	beta-BHC (2C)	B	0.00906	16951.75
6	15.34	3770		B	0.00377	1176.35
7	16.66	3318		B	0.00332	110.65
8	17.68	3706	4,4'-DDE (2C)	B	0.00156	1134.79
9	18.76	434272	Endrin (2C)	B	0.04760	115819.83
10	18.95	44107	4,4'-DDD (2C)	V	0.00634	12623.03
11	19.65	737319	4,4'-DDT (2C)	B	0.09514	214683.91
12	19.95	13650	Endrin aldehyde (2C)	B	0.00128	3320.83
14	20.23	1525		B	0.00153	489.73
15	20.62	3555	Endo. Sulfate (2C)	B	0.00243	1027.23

9/29/09 mm

Endrin 2.7%
DDT 6.1%

09/29/2009 07:51:58 Result: H:\TURBO6\6890-06\6-SEQ46\6b46248.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [uV]
16	21.09	936220	Methoxychlor (2C)	B	0.25272	263538.62
17	21.37	3827		B	0.00383	1118.92
18	21.78	22425	Endrin ketone (2C)	B	0.00368	5152.05
19	25.21	169160	Decachlorobiphenyl (2C	B	0.02022	32380.97
		2900853			0.49596	807862.10

Form 1
ORGANIC ANALYSIS DATA SHEET
8081A

Blank

Laboratory: TestAmerica Buffalo SDG:

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Matrix: Solid Laboratory ID: 9I20007-BLK1 File ID: 6A46193

Sampled: Prepared: 09/21/09 08:00 Analyzed: 09/25/09 12:09

Solids: Preparation: 3550B GC Initial/Final: 30.2 g / 10 mL

Batch: 9I20007 Sequence: RI92924 Calibration: R9H1803 Instrument: HP6890-6

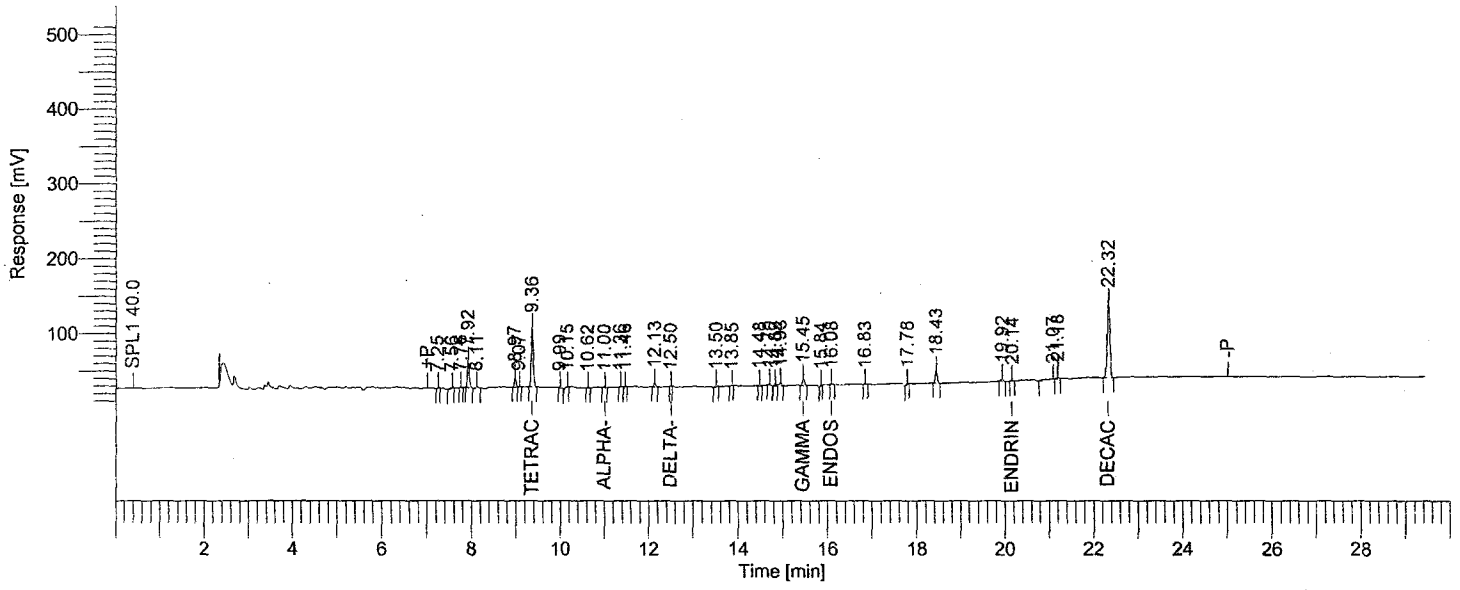
CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
319-84-6	alpha-BHC	1	1.7	U
319-85-7	beta-BHC	1	1.7	U
319-86-8	delta-BHC	1	1.7	U
58-89-9	gamma-BHC (Lindane)	1	1.7	U

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl	6.62	6.08	92	42 - 146	
Tetrachloro-m-xylene	6.62	5.21	79	37 - 135	

* Values outside of QC limits

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 13:14:05
Reprocess Number	: buf2048: 98598		
Operator	: tchrom	Sample Name	: 9I20007-BLK1
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/93
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2009 12:09:51	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6A46193.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6A46193.rst
Inst Method : h:\turbo6\6890-06\6890-6 12-5-08-ins from H:\TURBO6\6890-06\6-SEQ46\6A46193.raw
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46193.rst
Calib Method : h:\turbo6\6890-06\6a-pest(07-23-09)surr(07-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6A46193.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.25	3257		B	0.00326	884.94
2	7.56	6339		B	0.00634	1138.26
3	7.76	3346		B	0.00335	1169.68
4	7.92	100537		B	0.10054	34598.87
5	8.11	11752		B	0.01175	2165.92
6	8.97	34504		B	0.03450	12606.09
7	9.07	2438		V	0.00244	970.02
8	9.36	241249	Tetrachloro-m-xylene	B	0.01574	78471.10
9	9.99	8950		B	0.00895	2349.24
10	10.15	5659		B	0.00566	787.43
11	10.62	3322		B	0.00332	1209.12
12	11.00	5152	alpha-BHC	B	0.00363	1191.54
13	11.36	3245		B	0.00325	989.69
14	11.46	2613		B	0.00261	1074.40
15	12.13	15189		B	0.01519	4777.51
17	13.50	10748		B	0.01075	3095.67

09/25/2009 13:14:05 Result: H:\TURBO6\6890-06\6-SEQ46\6A46193.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
18	13.85	1785		B	0.00178	666.84
19	14.48	5251		B	0.00525	1955.48
20	14.70	7074		B	0.00707	2151.13
21	14.82	7136		B	0.00714	1990.27
22	14.93	15336		V	0.01534	4112.56
23	15.45	32684	gamma-chlordane	B	0.00303	9489.05
24	15.84	4043		B	0.00404	1471.29
25	16.08	3797	Endosulfan I	B	0.00130	1259.47
26	16.83	3619		B	0.00362	1123.60
27	17.78	4999		B	0.00500	1256.00
28	18.43	55142		B	0.05514	16855.81
29	19.92	12623		B	0.01262	3570.46
30	20.14	4988	Endrin ketone	B	0.00139	1580.77
31	21.07	23162		B	0.02316	981.49
32	21.18	10373		V	0.01037	2545.22
33	22.32	425185	Decachlorobiphenyl	B	0.01837	99909.18
		1075497			0.40589	298398.09

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 13:14:07
Reprocess Number	: buf2048: 98599		
Operator	: tchrom	Sample Name	: 9I20007-BLK1
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/93
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.45 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2009 12:09:51	Cycle	: 1

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46193.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46193.rst
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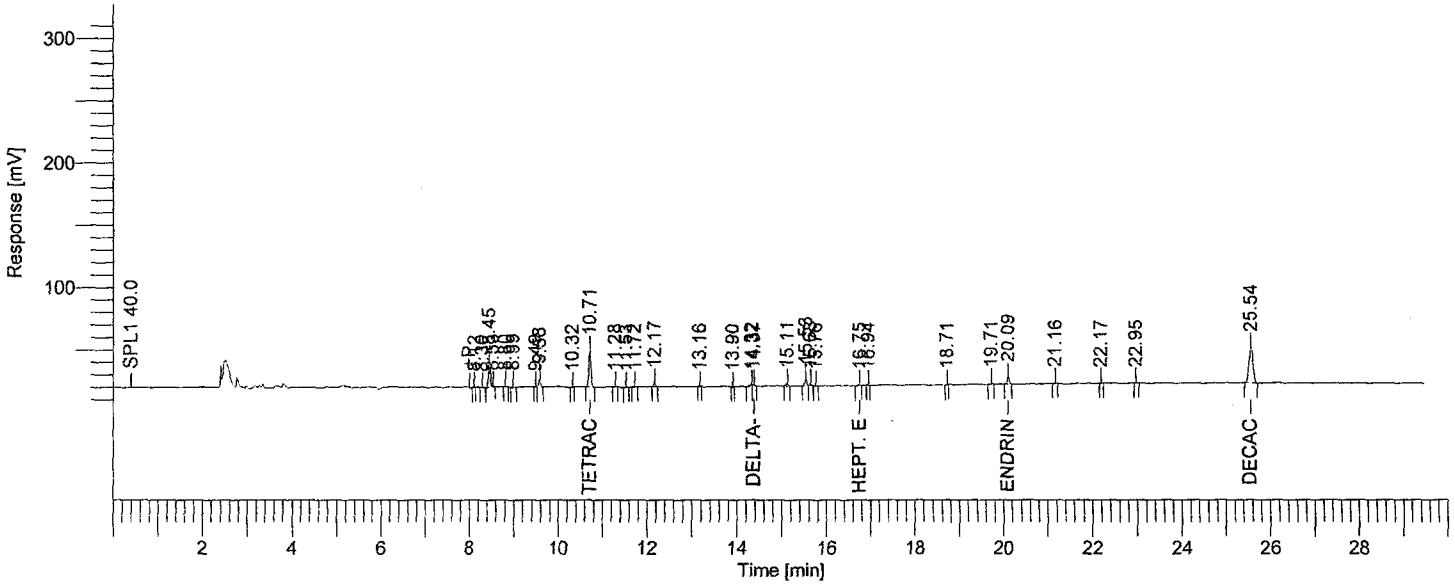
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46193.rst
Calib Method : h:\turbo6\6890-06\6b-pest(07-23-09)surr(7-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6b46193.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
2	8.30	2376		B	0.00238	614.65
3	8.45	64572		B	0.06457	21865.47
4	8.53	1541		E	0.00154	597.91
5	8.80	2583		B	0.00258	789.74
6	8.99	5181		B	0.00518	1386.18
8	9.58	18860		V	0.01886	6258.71
10	10.71	93550	Tetrachloro-m-xylene (	B	0.01071	28741.08
11	11.28	2247		B	0.00225	608.87
12	11.53	2948		B	0.00295	684.51
13	11.72	2631		B	0.00263	677.84
14	12.17	8234		B	0.00823	2541.92
17	14.32	6355		B	0.00636	1058.53
18	14.37	4278	delta-BHC (2C)	V	0.00309	1245.67
19	15.11	6344		B	0.00634	1992.57
20	15.53	17376		B	0.01738	5235.06
21	15.63	4641		V	0.00464	1543.41

SEP 25 2009

09/25/2009 13:14:07 Result: H:\TURBO6\6890-06\6-SEQ46\6b46193.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
23	16.75	3477	~~Hept. epoxide~~(2C)	B	0.00116	659.85
25	18.71	1511		B	0.00151	511.79
26	19.71	3723		B	0.00372	1181.71
27	20.09	19279	~~Endrin aldehyde~~(2C)	B	0.00279	5697.46
28	21.16	2967		B	0.00297	957.84
31	25.54	172137	Decachlorobiphenyl (2C	B	0.02228	28385.86
		446811			0.19412	113236.63

Form 1

ORGANIC ANALYSIS DATA SHEET

8081A

LCS

Laboratory: TestAmerica Buffalo SDG:

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Matrix: Solid Laboratory ID: 9I20007-BS1 File ID: 6A46181

Sampled: Prepared: 09/21/09 08:00 Analyzed: 09/25/09 04:58

Solids: Preparation: 3550B GC Initial/Final: 30.56 g / 10 mL

Batch: 9I20007 Sequence: RI92924 Calibration: R9H1803 Instrument: HP6890-6

CAS NO.	COMPOUND	DILUTION	CONC. (ug/kg)	Q
319-84-6	alpha-BHC	1	14.9	
319-85-7	beta-BHC	1	16.7	
319-86-8	delta-BHC	1	16.0	
58-89-9	gamma-BHC (Lindane)	1	15.6	

SYSTEM MONITORING COMPOUND	ADDED (ug/kg)	CONC (ug/kg)	% REC	QC LIMITS	Q
Decachlorobiphenyl	6.54	6.38	97	42 - 146	
Tetrachloro-m-xylene	6.54	7.06	108	37 - 135	

* Values outside of QC limits

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 08:17:57
Reprocess Number	: buf2048: 98518		
Operator	: tchrom	Sample Name	: 9I20007-BS
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/81
Instrument Name	: HP6890-06	Channel	: A
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2009 04:58:51	Cycle	: 6

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Result File : H:\TURBO6\6890-06\6-SEQ46\6A46181.rst
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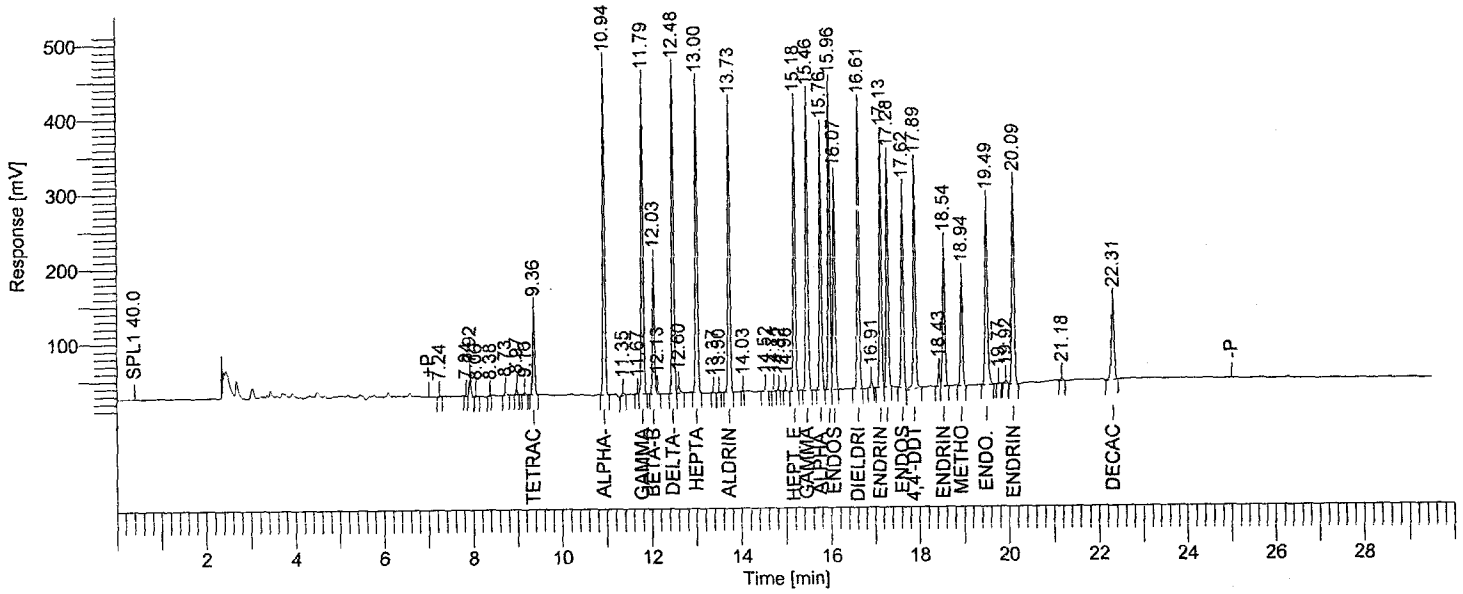
Proc Method : h:\turbo6\6890-06\6a-process.mth from H:\TURBO6\6890-06\6-SEQ46\6A46181.rst
Calib Method : h:\turbo6\6890-06\6a-pest(07-23-09)surr(07-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6A46181.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	7.24	4339		B	0.00434	1082.01
2	7.84	6154		B	0.00615	2185.58
3	7.92	70710		V	0.07071	24156.72
4	8.06	6093		B	0.00609	1629.16
5	8.38	2270		B	0.00227	591.05
6	8.73	15027		B	0.01503	4103.41
7	8.97	19896		B	0.01990	7418.44
8	9.16	9893		B	0.00989	2446.90
9	9.36	342220	Tetrachloro-m-xylene	B	0.02158	111066.52
10	10.94	1333065	alpha-BHC	B	0.04567	437566.53
11	11.35	12943		B	0.01294	3119.49
12	11.67	5040		B	0.00504	1577.02
13	11.79	1285567	gamma-BHC	V	0.04778	413693.91
14	12.03	566441	beta-BHC	B	0.05113	174032.74
15	12.13	13074		E	0.01307	4836.02
16	12.48	1347511	delta-BHC	B	0.04900	427324.85

09/25/2009 08:17:57 Result: H:\TURBO6\6890-06\6-SEQ46\6A46181.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
17	12.60	35968		V	0.03597	9608.93
18	13.00	1282449	Heptachlor	B	0.05038	406744.51
19	13.37	5375		B	0.00538	1521.16
20	13.50	4626		B	0.00463	1607.14
21	13.73	1199517	Aldrin	B	0.04953	377844.12
22	14.03	1508		B	0.00151	605.74
23	14.52	12994		B	0.01299	3021.15
24	14.71	12862		B	0.01286	3966.66
25	14.82	5201		V	0.00520	1361.74
26	14.98	6681		B	0.00668	1655.22
27	15.18	1263871	Hept. epoxide	B	0.05108	378970.70
28	15.46	1280001	gamma chlordane	B	0.04887	386552.55
29	15.76	1122122	alpha chlordane	B	0.04670	342145.89
30	15.96	1247441	4,4'-DDE	B	0.04919	400961.34
31	16.07	939899	Endosulfan I	V	0.03981	276993.92
32	16.61	1274684	Dieldrin	B	0.04690	372991.09
33	16.91	28815		B	0.02881	9122.37
34	17.13	1136168	Endrin	B	0.04664	328215.32
35	17.28	963026	4,4'-DDD	V	0.04457	299431.69
36	17.62	920374	Endosulfan II	B	0.04007	260142.25
37	17.89	989083	4,4'-DDT	B	0.04392	292982.73
38	18.43	56303		B	0.05630	17608.58
39	18.54	680201	Endrin aldehyde	V	0.03933	185455.68
40	18.94	480631	Methoxychlor	B	0.04109	143749.23
41	19.49	961367	Endo. Sulfate	B	0.04547	238990.94
42	19.77	4628		B	0.00463	1352.41
43	19.92	13074		B	0.01307	3802.13
44	20.09	1009169	Endrin ketone	B	0.04131	263675.06
45	21.18	13144		B	0.01314	4019.03
46	22.31	450308	Decachlorobiphenyl	B	0.01949	102649.92
		22441732			1.32612	6.73e+06

Software Version	: 6.2.1.0.104:0104	Date	: 09/25/2009 08:18:00
Reprocess Number	: buf2048: 98519		
Operator	: tchrom	Sample Name	: 9I20007-BS
Sample Number	:	Study	:
AutoSampler	: BUILT-IN	Rack/Vial	: 1/81
Instrument Name	: HP6890-06	Channel	: B
Instrument Serial #	: CN10520010	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 29.50 min
Sampling Rate	: 5.0000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 1500.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 09/25/2009 04:58:51	Cycle	: 6

Raw Data File : H:\TURBO6\6890-06\6-SEQ46\6b46181.raw <Modified>
Result File : H:\TURBO6\6890-06\6-SEQ46\6b46181.rst
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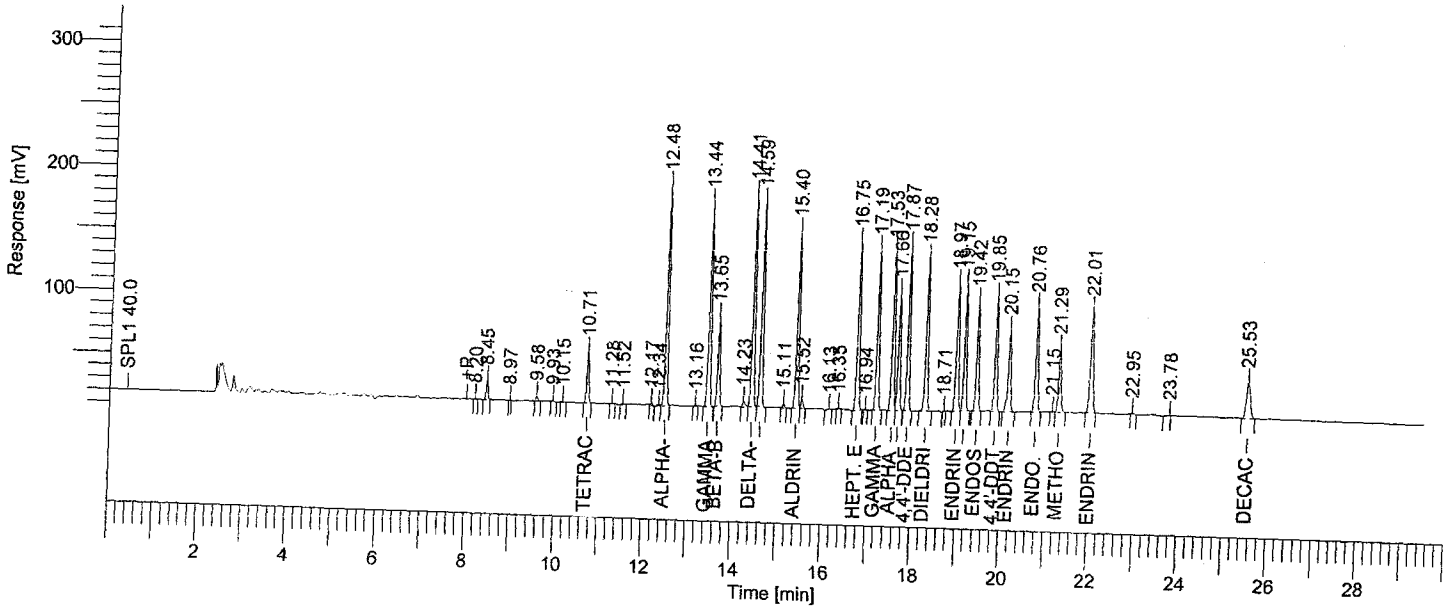
Proc Method : h:\turbo6\6890-06\6b-process.mth from H:\TURBO6\6890-06\6-SEQ46\6b46181.rst
Calib Method : h:\turbo6\6890-06\6b-pest(07-23-09)surr(7-23-09)5.mth from H:\TURBO6\6890-06\6-SEQ46\6b46181.rst
Report Format File: h:\turbo6\6890-06\6samp.rpt
Sequence File : H:\TURBO6\6890-06\6-SEQ46\6D-46.seq



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

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
1	8.20	1981		B	0.00198	724.88
2	8.45	44411		B	0.04441	15246.71
4	9.58	12298		B	0.01230	4117.86
5	9.93	4028		B	0.00403	1167.41
6	10.15	3341		B	0.00334	1035.45
7	10.71	132991	Tetrachloro-m-xylene (	B	0.01470	41034.68
8	11.28	2237		B	0.00224	577.02
9	11.52	3199		B	0.00320	795.97
10	12.17	5056		B	0.00506	1821.03
11	12.34	7651		B	0.00765	1133.26
12	12.48	561689	alpha-BHC (2C)	V	0.03991	176330.26
13	13.16	2195		B	0.00219	729.21
14	13.44	534734	gamma-BHC (2C)			

9/25/09

09/25/2009 08:18:00 Result: H:\TURBO6\6890-06\6-SEQ46\6b46181.rst

Peak #	Time [min]	Area [uV-sec]	Component Name	BL	NG CONCENTRATION	Height [µV]
18	14.59	542674	Heptachlor (2C)	B	0.04726	164283.05
19	15.11	9907		B	0.00991	3131.78
20	15.40	473689	Aldrin (2C)	B	0.04569	141198.64
21	15.52	21795		V	0.02179	6876.58
22	16.13	4259		B	0.00426	698.00
23	16.35	3578		B	0.00358	1133.26
24	16.75	477451	Hept. epoxide (2C)	B	0.04995	134569.45
26	17.19	446156	gamma chlordane (2C)	B	0.04715	128229.64
27	17.53	446223	alpha chlordane (2C)	B	0.04925	126523.87
28	17.66	337633	Endosulfan I (2C)	V	0.03999	94180.48
29	17.87	435146	4,4'-DDE (2C)	B	0.05001	131938.89
30	18.28	447424	Dieldrin (2C)	B	0.04899	122528.06
32	18.97	387091	Endrin (2C)	B	0.05229	101570.36
33	19.15	350604	4,4'-DDD (2C)	V	0.04998	101855.81
34	19.42	328088	Endosulfan II (2C)	B	0.04340	87033.88
35	19.85	317314	4,4'-DDT (2C)	B	0.04989	91646.52
36	20.15	276910	Endrin aldehyde (2C)	B	0.04977	65552.50
37	20.76	319625	Endo. Sulfate (2C)	B	0.04512	83653.22
38	21.15	3359		B	0.00336	1033.58
39	21.29	202100	Methoxychlor (2C)	V	0.05958	50427.66
40	22.01	366253	Endrin ketone (2C)	B	0.04530	81100.68
41	22.95	3440		B	0.00344	893.22
42	23.78	1674		B	0.00167	88.90
43	25.53	170837	Decachlorobiphenyl (2C	B	0.02210	28353.39
		8508089			1.13403	2.40e+06

HOLDING TIME SUMMARY

8081A

Laboratory: TestAmerica Buffalo SDG: DRAFT

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
CGS-US1-091709	09/17/09 11:30	09/17/09 15:00	09/21/09 08:00	4	10	09/29/09 02:32	8	40	
CGS-USD1-091709	09/17/09 11:40	09/17/09 15:00	09/21/09 08:00	4	10	09/29/09 03:08	8	40	
CGS-DS1-091709	09/17/09 12:00	09/17/09 15:00	09/21/09 08:00	4	10	09/29/09 03:44	8	40	
CGS-DSD1-091709	09/17/09 12:20	09/17/09 15:00	09/21/09 08:00	4	10	09/29/09 04:20	8	40	

PREPARATION BENCH SHEET

9I20007

TestAmerica Buffalo

Printed: 9/21/2009 2:21:40PM

Matrix: Solid

Prepared using: Extractions - 3550B GC

Surrogate used: 9090238

Lab Number	Analysis	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Bar Code	Extraction Comments
9I20007-BLK1	QC	09/21/09 08:00	30.2	10			0	1000		
9I20007-BS1	QC	09/21/09 08:00	30.56	10	9080196		1000	1000		
9I20007-MS1	QC	09/21/09 08:00	30.2	10	9080196	RSI0643-03	1000	1000		
9I20007-MSD1	QC	09/21/09 08:00	30.04	10	9080196	RSI0643-03	1000	1000		
RSI0482-01	8081	09/21/09 08:00	30.42	10				1000		
RSI0634-01	8081_ASP00	09/21/09 08:00	30.28	10				1000		
RSI0634-02	8081_ASP00	09/21/09 08:00	30.15	10				1000		
RSI0634-03	8081_ASP00	09/21/09 08:00	30.54	10				1000		
RSI0634-04	8081_ASP00	09/21/09 08:00	30.44	10				1000		
RSI0643-01	8081	09/21/09 08:00	30.48	10				1000		
RSI0643-02	8081	09/21/09 08:00	30.02	10				1000		
RSI0643-03	8081	09/21/09 08:00	30.11	10				1000		
RSI0643-03	8081_ASP00	09/21/09 08:00	30.11	10				1000		

All samples have been florisiled. EKD 9/21/09

Surrogated: CM
Spiked: CM
Extracted: CM
Cleanup: EKD
Final Concentration:
Vialed:
Entered: CM
Closed:

254/275

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date

Test America Buffalo

GC Extractable INJECTION LOGBOOK

rument ID: HP 6890-6 Columns: A / B RTX CLP T I RTX CLP II Sequence 42

book # A08-06-02

te & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
23-09	PEM	9070610			1			
JYB	ICAL	9030661 0.10						
	surr	9030660 0.75						
		9061646 0.05						
		9070 1081 0.01			5			
		90701082 0.005						
	ICAL	9030585 0.15						
	rest	9030584 0.10						
		9071072 0.05						
		90701083 0.01			10			
		9071084 0.005						
	2nd source	9030626				1		AOK Baldehyde
		9030624						AOK BOK

Rev.0
12/20/2007

000130

Reviewed By: Date:

255/275

Test America Buffalo

GC Extractable INJECTION LOGBOOK

Instrument ID: HP 6890-6
Logbook # A08-06-02

Columns: A / B CLPI / CLPII

Sequence 46

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
	8081	9091829			158			New seal
		Hexane						
		↓			160			
10/9/24/09 MM	Pem	9090636						
	8081	9090864						AOK BOK
	Surr	9090254						AX, T BMethoxyX
	Tech	9090308						ATMX↑ BOK
	TOX	9090313						AT BT
	QC	9I23052 BLK1			165			AOK BOK
	↓	BLK2						
		BLK3						Reshooting Methoxy ICV
		BS1						
	↓	BSD1						
	10556	RSI0556-01			170			
	↓	↓ -02						
	10659	RSI0659-01						
	10681	RSI0681-01						
	↓	RSI0681-02			175			
	8681	9090864						AT↓ BOK
	Surr	9090254						ATMX↑ BOK
	RSI0681	BSI0681-03						
	RSI0755	RSI0755-02						
	QC	9I20007-BLK1			180			
	↓	↓ BS1						
	QC	9I220040 BLK1						
	↓	BS1						
	↓	BSD1						

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Reviewed By: Date:

Test America Buffalo

GC Extractable INJECTION LOGBOOK

Columns: A / B CLPI / CLPII

Sequence 46

Instrument ID: HP 6890-6

Logbook # A08-06-02

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
	8081	9091829 1289	9/28/09 mm		185			A ↓↑ BOK
	Surr	9090254						A TMX↑ B DCBP↑ 15.5%
9/25/09 mm	Perm QC	9I23052 BLK1						
	↓	BLK2						
		BLK3			190			
		BS1						
		BSD1						
		9I20007-BLK1		Cut				
	RSI0482	RSI0482-01						
	8081	9091829 1289	9/28/09 mm		195		rechrom	A↓↑ B DDT K Meth B
	Surr	9090254				9/25/09 mm		
	8081	9091829 1289	5		196			A↓B↑ BOK
	Surr	9090254	6		197			A TMX↑ B DCBP↑
	IOS56	RSIOS56-01						
	↓	-02						
	IO659	RSIO659-01			200			
	IO681	RSIO681-01						
	↓	-02						
	8081	9091829 1289	9/28/09 mm					ⓐ ↑↓ ⓑ OK
9/28/09 mm	Surr	9090254						b TCX↑ ↓ OK
	Test Shell				205-214	9/25-9/27/09		Maintenance.
	PestCurve	9090862			215			
		9090863						
		9091829 1289	9/28/09 mm					
		9091538						
	↓	9091537						

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12/20/2007

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Reviewed By: Date:

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Test America Buffalo

GC Extractable INJECTION LOGBOOK

Instrument ID: HP 6890-6
Logbook # A08-06-02

Columns: A / B CLPI / CLPII

Sequence 46

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
9/28/09 MM	ACM25	9091536			220			
IN DG1	~~Surr Ical~~							
	Surr Ical	9090851						
	↓	9090852						
		9090254						
		9091567			225			
	↓	9091568						
	Pem	9091475						AOK BOK
	8081	9091289						AOK BOK
	Surr	9090254						AOK BOK
	Tech	9090308			230			
	TOX	9090313						
	IO643	RSI0643-1	2					
	↓	↓ -2	2					
		↓ -3	2					
		9I20007 MS1	2		235			
		9I20007 MSD1	2					
		hexane						
	8081	9091289						AOK BOK
	Surr	9090254						AOK BOK
	IO634	RSI0634-1	10		240			
	↓	↓ -2	10					
		↓ -3	10					
	↓	↓ -4	10					
		hexane						
	~~8081 9/28/09~~	hexane			245			
	Surr mt	8081-909289						AOK B sulfate 15.5%

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12/20/2007

000173

Reviewed By: Date:

Test America Buffalo

GC Extractable INJECTION LOGBOOK

Columns: A / B RXCUPI / RXCUPII

Sequence 46/47

Instrument ID: HP 6890-6

Logbook # A08-06-02

Date & Initial	Job #	Vial / Sample ID	DF	Cleanup	File #	Batched	TXO'd	Comments
		9090254						A0K B0K
	Surr	9091475			248			A0K B0K
9/29/09 mm	Pem	9I26017-BLK1		Cut	1		rerunning after solvent	New Sequence exchange
	QC	BS1						
		BSD1						
	I0965	RSI0965-01	50					
	QC	9I25038-BLK1		Cut	5			
		BS1						
		BSD1					5	Solvent exchanged
	QC	9I26017-BLK1						
		BS1						
		BSD1			10			A0K B0K
	8081	9091289						
	Surr	9090254						Solvent exchanged
	I0965	RSI0965-01	50					
	I0926	RSI0926-01	10	Cut				
		-02	10		15			
		-03	10					
		-04	10					
		-05	10					
		-06	10					
		Reserve						
9/29/09 mm		Reserve						
	~~8081~~ Pem	9091475						
	~~Surr~~ 8081	9091289						
	Surr	9090254						
		RSI0965-01	200					

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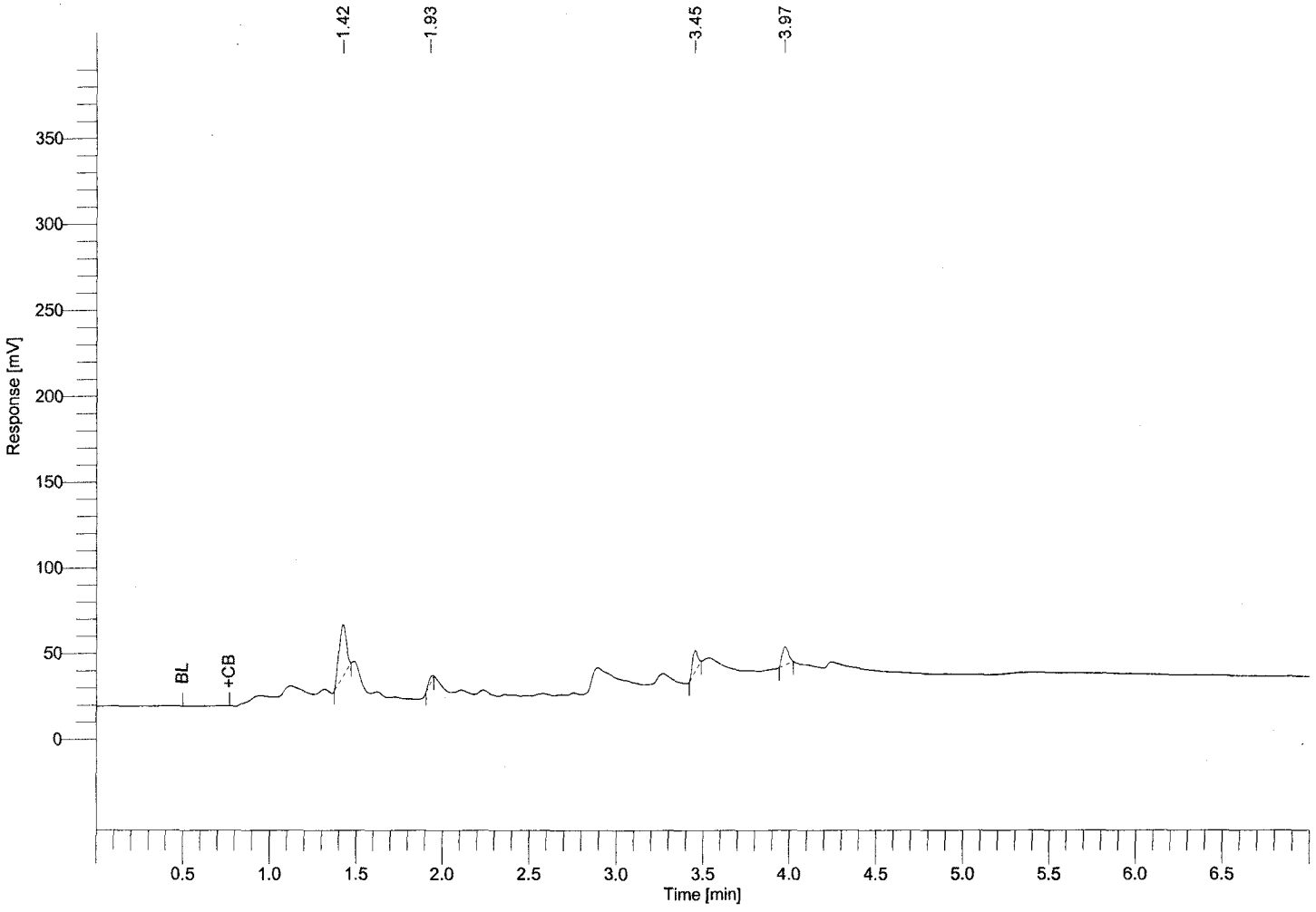
Reviewed By: Date:

Software Version	: 6.2.1.0.104:0104	Date	: 09/24/2009 12:44:46
Reprocess Number	: buf2048: 98450		
Operator	: tchrom	Sample Name	: RSI0634-01
Sample Number	:	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-16	Channel	: B
Interface Serial #	: 3090270361	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 09/24/2009 09:26:40	Cycle	: 1

Raw Data File : H:\TURBO6\5890-16\16SEQ35\16b35030.raw <Modified>
Result File : H:\TURBO6\5890-16\16SEQ35\16b35030.rst
Inst Method : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16SEQ35\16b35030.raw
Proc Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16SEQ35\16b35030.rst
Calib Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16SEQ35\16b35030.rst
Report Format File: h:\turbo6\5890-16\16screen.rpt
Sequence File : H:\TURBO6\5890-16\16SEQ35\16D35.seq



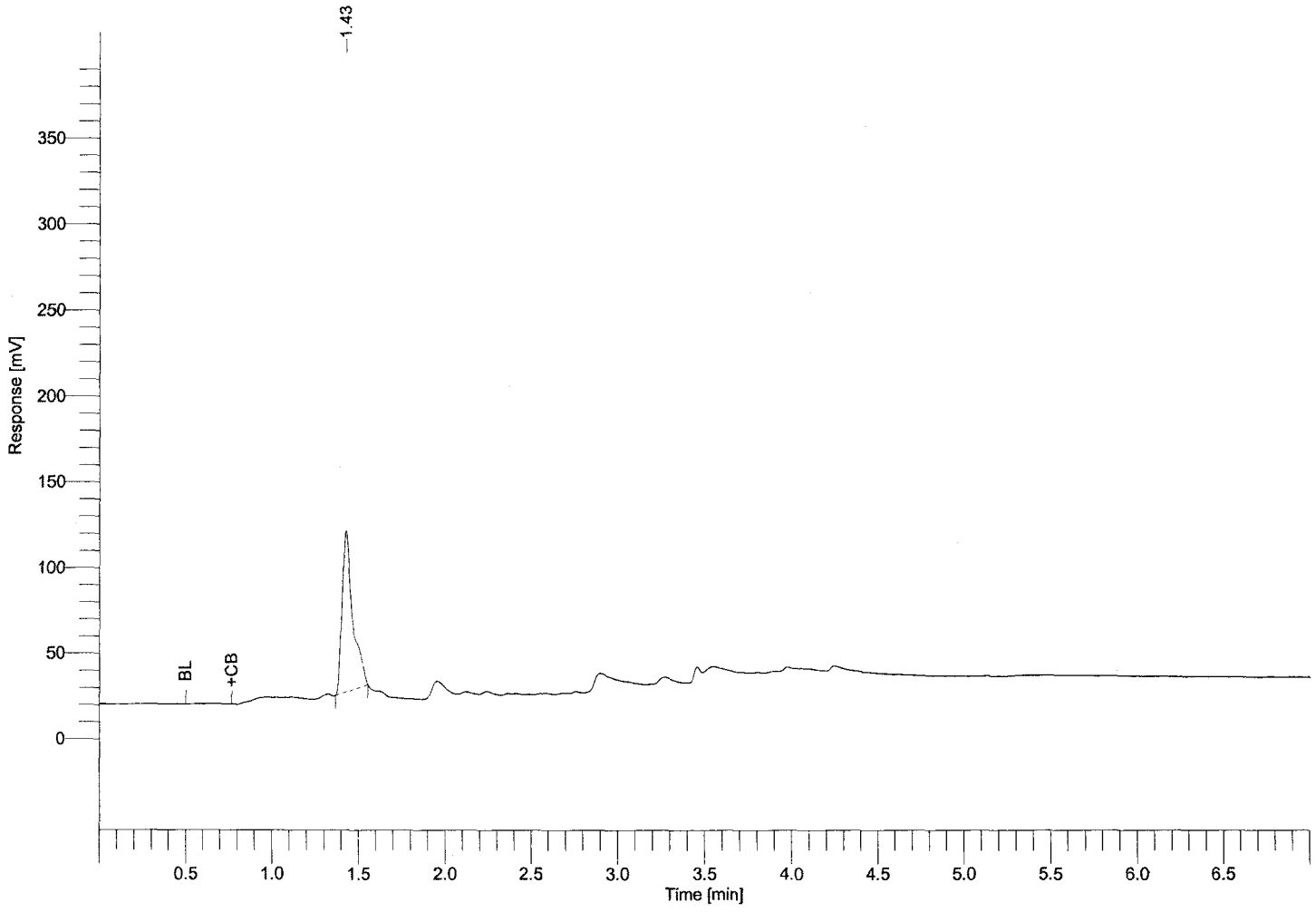
PCB Screen

09/24/2009 12:44:46 Result: H:\TURBO6\5890-16\16SEQ35\16b35030.rst

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name		NG conc.	Dilution Needed
	1.30		0	87953	AR1242		0.00731	0
	1.60		0	93627	AR1248		0.00546	0
	2.10		0	5674	AR1254		3.47e-04	0
				187254				

Software Version	: 6.2.1.0.104:0104	Date	: 09/24/2009 12:44:50
Reprocess Number	: buf2048: 98452		
Operator	: tchrom	Sample Name	: RSI0634-02
Sample Number	:	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-16	Channel	: B
Interface Serial #	: 3090270361	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 09/24/2009 09:37:38	Cycle	: 2

Raw Data File : H:\TURBO6\5890-16\16SEQ35\16b35031.raw <Modified>
Result File : H:\TURBO6\5890-16\16SEQ35\16b35031.rst
Inst Method : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16SEQ35\16b35031.raw
Proc Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16SEQ35\16b35031.rst
Calib Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16SEQ35\16b35031.rst
Report Format File: h:\turbo6\5890-16\16screen.rpt
Sequence File : H:\TURBO6\5890-16\16SEQ35\16D35.seq



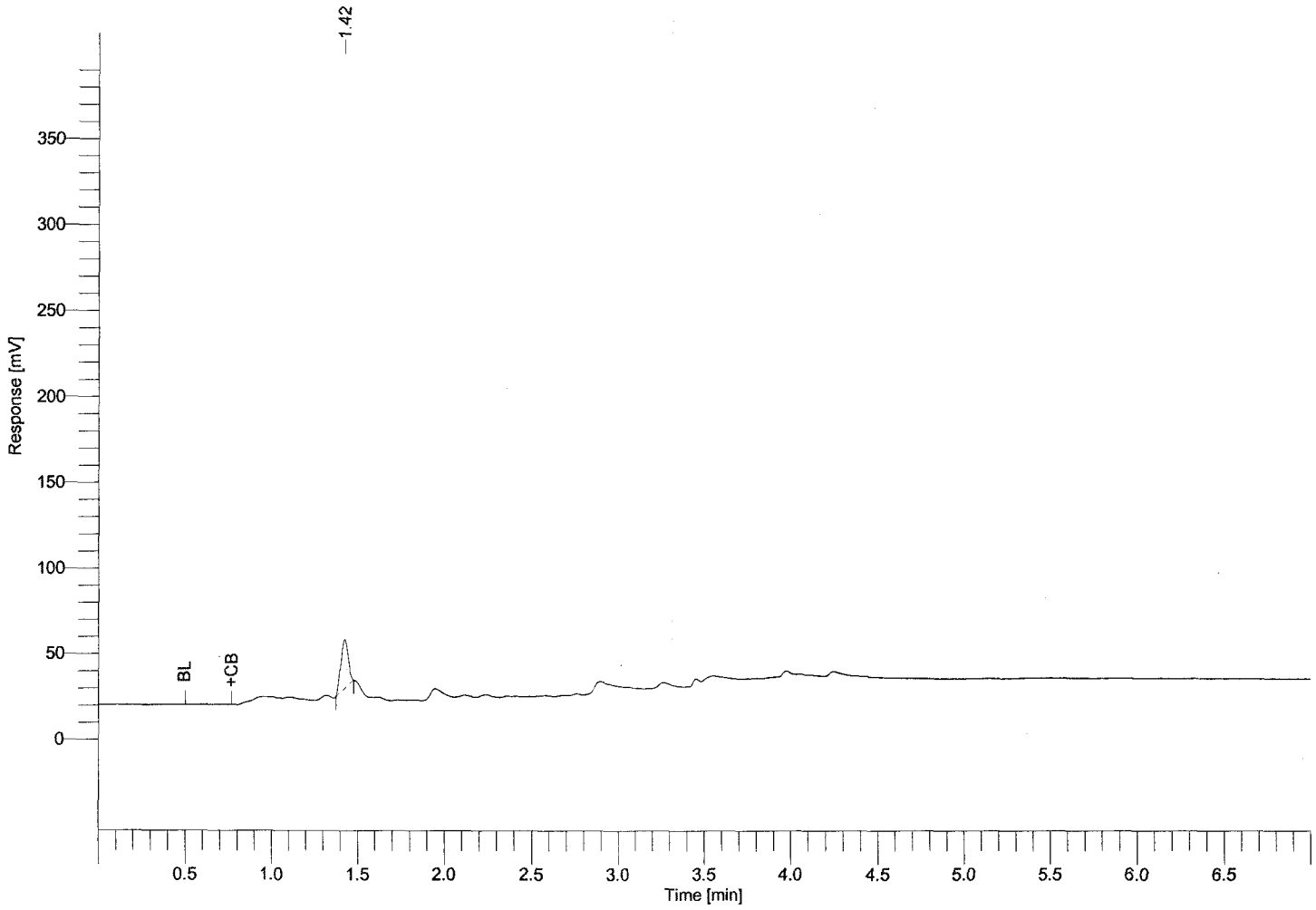
PCB Screen

09/24/2009 12:44:50 Result: H:\TURBO6\5890-16\16SEQ35\16b35031.rst

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name		NG conc.	Dilution Needed
	1.30		0	408361	AR1242		0.03392	0
	1.60		0	408361	AR1248		0.02383	0
				816723				

Software Version	: 6.2.1.0.104:0104	Date	: 09/24/2009 12:44:54
Reprocess Number	: buf2048: 98454		
Operator	: tchrom	Sample Name	: RSI0634-03
Sample Number	:	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-16	Channel	: B
Interface Serial #	: 3090270361	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 09/24/2009 09:48:32	Cycle	: 3

Raw Data File : H:\TURBO6\5890-16\16SEQ35\16b35032.raw <Modified>
Result File : H:\TURBO6\5890-16\16SEQ35\16b35032.rst
Inst Method : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16SEQ35\16b35032.raw
Proc Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16SEQ35\16b35032.rst
Calib Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16SEQ35\16b35032.rst
Report Format File: h:\turbo6\5890-16\16screen.rpt
Sequence File : H:\TURBO6\5890-16\16SEQ35\16D35.seq



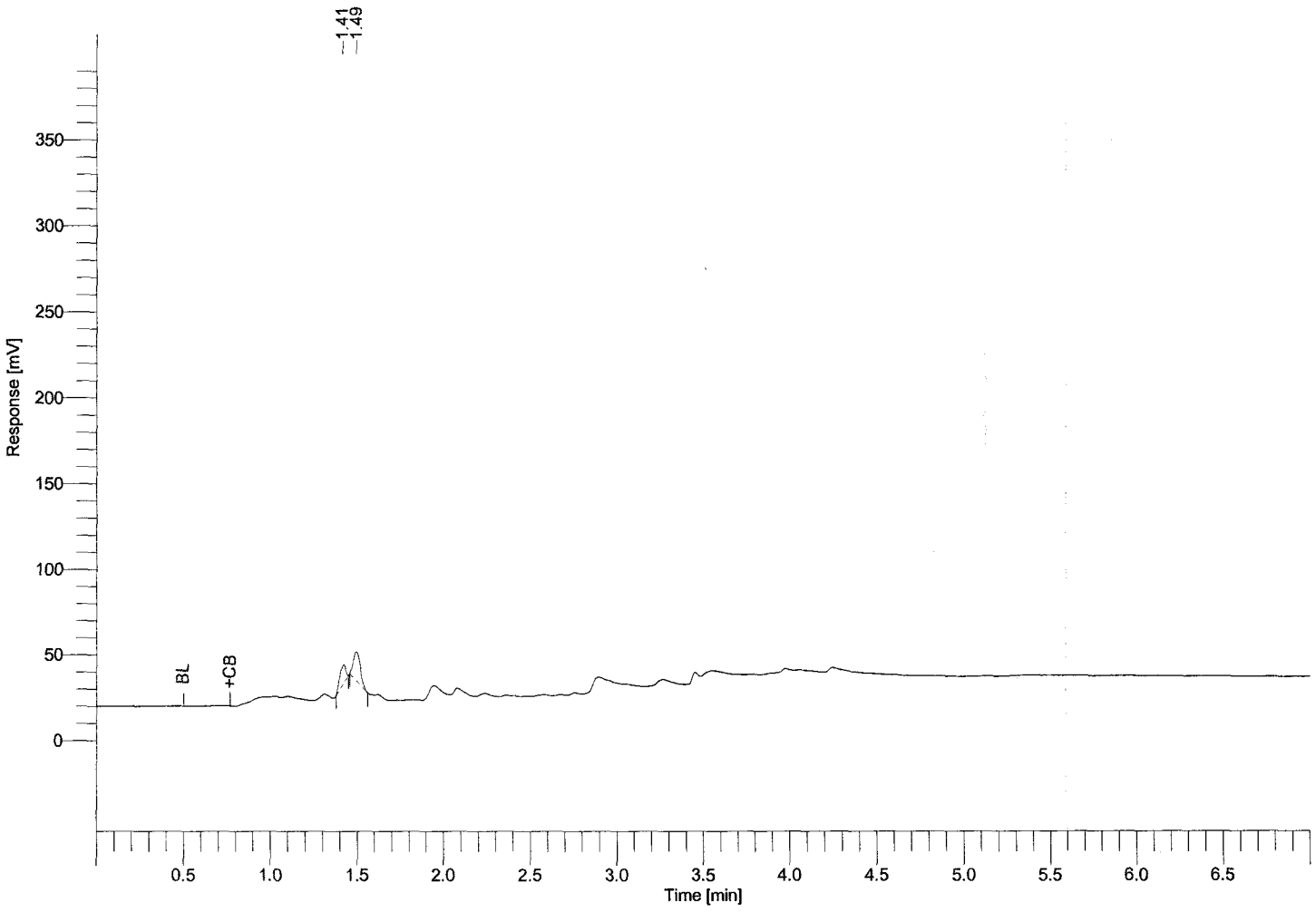
PCB Screen

09/24/2009 12:44:54 Result: H:\TURBO6\5890-16\16SEQ35\16b35032.rst

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name		NG conc.	Dilution Needed
	1.30		0	84216	AR1242		0.00699	0
	1.60		0	84216	AR1248		0.00491	0
				168431				

Software Version	: 6.2.1.0.104:0104	Date	: 09/24/2009 12:44:58
Reprocess Number	: buf2048: 98456		
Operator	: tchrom	Sample Name	: RSI0634-04
Sample Number	:	Study	:
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-16	Channel	: B
Interface Serial #	: 3090270361	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 7.00 min
Sampling Rate	: 16.6660 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 1000.000000
Sample Amount	: 1.0000	Dilution Factor	: 10.00
Data Acquisition Time	: 09/24/2009 09:59:51	Cycle	: 4

Raw Data File : H:\TURBO6\5890-16\16SEQ35\16b35033.raw <Modified>
Result File : H:\TURBO6\5890-16\16SEQ35\16b35033.rst
Inst Method : H:\TURBO6\5890-16\PPCBINS from H:\TURBO6\5890-16\16SEQ35\16b35033.raw
Proc Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16SEQ35\16b35033.rst
Calib Method : h:\turbo6\5890-16\16-b-screen.mth from H:\TURBO6\5890-16\16SEQ35\16b35033.rst
Report Format File: h:\turbo6\5890-16\16screen.rpt
Sequence File : H:\TURBO6\5890-16\16SEQ35\16D35.seq



PCB Screen

09/24/2009 12:44:58 Result: H:\TURBO6\5890-16\16SEQ35\16b35033.rst

Peak #	Ret Time [min]	BL	Dilution Needed	Area [uV-sec]	Component Name		NG conc.	Dilution Needed
	1.30		0	76676	AR1242		0.00637	0
	1.60		0	76676	AR1248		0.00447	0
				153353				

TestAmerica Buffalo
SDG:
CLASS: WET_BATCH
METHOD: Dry Weight

ANALYSES DATA PACKAGE COVER PAGE

Dry Weight

Laboratory: TestAmerica Buffalo

SDG:

Client: Olin Chlor Alkali Products - Cleveland, TN

Project: Olin - Charles Gibson site - NY3A9025AE03759

Client Sample Id:	Lab Sample Id:
CGS-US1-091709	RSI0634-01
CGS-USD1-091709	RSI0634-02
CGS-DS1-091709	RSI0634-03
CGS-DSD1-091709	RSI0634-04

METHOD DETECTION AND REPORTING LIMITS

Dry Weight

Laboratory: TestAmerica Buffalo **SDG:**

Client: Olin Chlor Alkali Products - Cleveland, TN **Project:** Olin - Charles Gibson site - NY3A9025AE(

Matrix: Solid **Instrument:** INST

Analyte	MDL	MRL	Units
Percent Solids	0.010	0.010	%

CGS-US1-091709

Form 1

INORGANIC ANALYSIS DATA SHEET

Dry Weight

Laboratory: TestAmerica Buffalo SDG:

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Matrix: Solid Laboratory ID: RSI0634-01 File ID:

Sampled: 09/17/09 11:30 Prepared: 09/18/09 09:20 Analyzed: 09/18/09 15:15

Solids: 26.93 Preparation: Dry Weight Initial/Final: 10 g / 10 g

Batch: 9I18022 Sequence: Calibration: Instrument: INST

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
STL00234	Percent Solids	27	%	1		Dry Weight

CGS-USD1-091709

Form 1

INORGANIC ANALYSIS DATA SHEET

Dry Weight

Laboratory: TestAmerica Buffalo SDG:

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Matrix: Solid Laboratory ID: RSI0634-02 File ID:

Sampled: 09/17/09 11:40 Prepared: 09/18/09 09:20 Analyzed: 09/18/09 15:17

Solids: 27.37 Preparation: Dry Weight Initial/Final: 10 g / 10 g

Batch: 9I18022 Sequence: Calibration: Instrument: INST

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
STL00234	Percent Solids	27	%	1		Dry Weight

CGS-DS1-091709

Form 1

INORGANIC ANALYSIS DATA SHEET

Dry Weight

Laboratory: TestAmerica Buffalo SDG:

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Matrix: Solid Laboratory ID: RSI0634-03 File ID:

Sampled: 09/17/09 12:00 Prepared: 09/18/09 09:20 Analyzed: 09/18/09 15:19

Solids: 27.16 Preparation: Dry Weight Initial/Final: 10 g / 10 g

Batch: 9118022 Sequence: Calibration: Instrument: INST

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
STL00234	Percent Solids	27	%	1		Dry Weight

CGS-DSD1-091709

Form 1

INORGANIC ANALYSIS DATA SHEET

Dry Weight

Laboratory: TestAmerica Buffalo SDG:

Client: Olin Chlor Alkali Products - Cleveland, TN Project: Olin - Charles Gibson site - NY3A9025AE03759

Matrix: Solid Laboratory ID: RSI0634-04 File ID:

Sampled: 09/17/09 12:20 Prepared: 09/18/09 09:20 Analyzed: 09/18/09 15:21

Solids: 37.92 Preparation: Dry Weight Initial/Final: 10 g / 10 g

Batch: 9I18022 Sequence: Calibration: Instrument: INST

CAS NO.	Analyte	Concentration	Units	Dilution Factor	Q	Method
STL00234	Percent Solids	38	%	1		Dry Weight

Form 12

PREPARATION BATCH SUMMARY

Dry Weight

Laboratory: TestAmerica Buffalo

SDG:

Client: Olin Chlor Alkali Products - Cleveland, TN

Project: Olin - Charles Gibson site - NY3A9025AE03759

Batch: 9I18022 Batch Matrix: Solid

Preparation: Dry Weight

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
CGS-US1-091709	RSI0634-01	10.0 g	10.0 g	09/18/09 09:20	Total
CGS-USD1-091709	RSI0634-02	10.0 g	10.0 g	09/18/09 09:20	Total
CGS-DS1-091709	RSI0634-03	10.0 g	10.0 g	09/18/09 09:20	Total
CGS-DSD1-091709	RSI0634-04	10.0 g	10.0 g	09/18/09 09:20	Total