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Cover Page

Order ID : Q2481

Project ID : CC2-16 Analytical

Client : Environmental Restoration, LLC

Lab Sample Number	Client Sample Number
Q2481-01	CC0627-AL
Q2481-02	CC0627-CLOXPL
Q2481-03	CC0625-OXBL
Q2481-04	CC0627-AOXL
Q2481-05	CC0625-NL
Q2481-06	CC0267-OXPL
Q2481-07	CC0627-OXL
Q2481-08	CC0627-CLOXAL
Q2481-09	CC0627-BL
Q2481-10	CC0627-SFBL
Q2481-12	CC0627-AL
Q2481-13	CC0627-CLOXPL
Q2481-14	CC0625-OXBL
Q2481-15	CC0627-AOXL
Q2481-16	CC0625-NL
Q2481-17	CC0267-OXPL
Q2481-18	CC0627-OXL
Q2481-19	CC0627-CLOXAL
Q2481-20	CC0627-BL
Q2481-21	CC0627-SFBL

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 7/30/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Environmental Restoration, LLC
Project Name: CC2-16 Analytical
Project # N/A
Order ID # Q2481
Test Name: TCLP Pesticide

A. Number of Samples and Date of Receipt:
10 Water samples were received on 06/27/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: TCLP Pesticide. This data package contains results for TCLP Pesticide.

C. Analytical Techniques:
The analysis was performed on instrument ECD_D. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of TCLP Pesticides was based on method 8081B and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:
The Holding Times were met for all samples.

The Surrogate recoveries were met for all analysis except for CC0627-CLOXPL [Tetrachloro-m-xylene(1)655%, Tetrachloro-m-xylene(2)386%], CC0625-OXBL [Decachlorobiphenyl(1)998%, Decachlorobiphenyl(2)794%, Tetrachloro-m-xylene(1)432%, Tetrachloro-m-xylene(2)44%], CC0625-NL [Decachlorobiphenyl(1)234%], CC0267-OXPL [Tetrachloro-m-xylene(2)47%], CC0627-OXL [Tetrachloro-m-xylene(1)1168%], CC0627-CLOXAL [Decachlorobiphenyl(2)49%, Tetrachloro-m-xylene(1)82241%, Tetrachloro-m-xylene(2)1375%] and CC0627-BL [Tetrachloro-m-xylene(1)573%]. As evidenced by the chromatograms, recoveries of the surrogates were affected by the samples matrix. Therefor no further corrective action was taken.

The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.

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The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

Samples CC0627-CLOXPL, CC0625-OXBL, CC0625-NL, CC0267-OXPL, CC0627-OXL, CC0627-CLOXAL and CC0627-BL were diluted due to non environmental chemical treated samples are received and having very bad matrix.

E. Additional Comments:
The temperature of the samples at the time of receipt was 21.0°C.

Less volume was taken at the time of extraction due to these samples were not regular environmental samples, its chemical treated sample

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2481**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **07/30/2025**

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LAB CHRONICLE

OrderID:	Q2481	**OrderDate:**	7/2/2025 8:24:39 AM
Client:	Environmental Restoration, LLC	**Project:**	CC2-16 Analytical
Contact:	Ryan Simpson	**Location:**	A13

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2481-01	**CC0627-AL**	**WATER**			**06/27/25**			**06/27/25**
			PCB	8082A		07/02/25	07/02/25	
Q2481-02	**CC0627-CLOXPL**	**WATER**			**06/27/25**			**06/27/25**
			PCB	8082A		07/02/25	07/03/25	
Q2481-03	**CC0625-OXBL**	**WATER**			**06/27/25**			**06/27/25**
			PCB	8082A		07/02/25	07/03/25	
Q2481-04	**CC0627-AOXL**	**WATER**			**06/27/25**			**06/27/25**
			PCB	8082A		07/02/25	07/02/25	
Q2481-05	**CC0625-NL**	**WATER**			**06/27/25**			**06/27/25**
			PCB	8082A		07/02/25	07/03/25	
Q2481-06	**CC0267-OXPL**	**WATER**			**06/27/25**			**06/27/25**
			PCB	8082A		07/02/25	07/03/25	
Q2481-07	**CC0627-OXL**	**WATER**			**06/27/25**			**06/27/25**
			PCB	8082A		07/02/25	07/03/25	
Q2481-08	**CC0627-CLOXAL**	**WATER**			**06/27/25**			**06/27/25**
			PCB	8082A		07/02/25	07/03/25	
Q2481-09	**CC0627-BL**	**WATER**			**06/27/25**			**06/27/25**
			PCB	8082A		07/02/25	07/03/25	
Q2481-10	**CC0627-SFBL**	**WATER**			**06/27/25**			**06/27/25**
			PCB	8082A		07/02/25	07/07/25	
Q2481-12	**CC0627-AL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/28/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	

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LAB CHRONICLE

Q2481-13	**CC0627-CLOXPL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	
Q2481-14	**CC0625-OXBL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	
Q2481-15	**CC0627-AOXL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-16	**CC0625-NL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-17	**CC0267-OXPL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-18	**CC0627-OXL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/28/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-19	**CC0627-CLOXAL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	
Q2481-20	**CC0627-BL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/24/25	
Q2481-21	**CC0627-SFBL**	**TCLP**			**06/27/25**			**06/27/25**
			TCLP Herbicide	8151A		07/23/25	07/25/25	
			TCLP Pesticide	8081B		07/23/25	07/29/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2481 **Order ID:** Q2481

Client: Environmental Restoration, LLC **Project ID:** CC2-16 Analytical

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

QC SUMMARY

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Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD089537.D	PIBLK-PD089537.D	Tetrachloro-m-xyl	1	20	18.5	92		60	140
		Decachlorobiphen	1	20	21.2	106		60	140
		Tetrachloro-m-xyl	2	20	19.9	100		60	140
		Decachlorobiphen	2	20	20.5	103		60	140
I.BLK-PD089666.D	PIBLK-PD089666.D	Decachlorobiphen	1	20	26.5	133		57	171
		Tetrachloro-m-xyl	1	20	17.0	85		61	148
		Decachlorobiphen	2	20	21.9	110		57	171
		Tetrachloro-m-xyl	2	20	17.4	87		61	148
Q2481-14	CC0625-OXBL	Decachlorobiphen	1	20	200	998	*	57	171
		Tetrachloro-m-xyl	1	20	86.4	432	*	61	148
		Decachlorobiphen	2	20	159	794	*	57	171
		Tetrachloro-m-xyl	2	20	8.80	44	*	61	148
Q2481-19	CC0627-CLOXAL	Decachlorobiphen	1	20	15.2	76		57	171
		Tetrachloro-m-xyl	1	20	16400	82241	*	61	148
		Decachlorobiphen	2	20	9.80	49	*	57	171
		Tetrachloro-m-xyl	2	20	275	1375	*	61	148
Q2481-21	CC0627-SFBL	Decachlorobiphen	1	20	14.7	73		57	171
		Tetrachloro-m-xyl	1	20	14.3	71		61	148
		Decachlorobiphen	2	20	11.6	58		57	171
		Tetrachloro-m-xyl	2	20	14.0	70		61	148
Q2481-13	CC0627-CLOXPL	Decachlorobiphen	1	20	17.6	88		57	171
		Tetrachloro-m-xyl	1	20	131	655	*	61	148
		Decachlorobiphen	2	20	15.2	76		57	171
		Tetrachloro-m-xyl	2	20	77.2	386	*	61	148
I.BLK-PD089674.D	PIBLK-PD089674.D	Decachlorobiphen	1	20	25.3	127		57	171
		Tetrachloro-m-xyl	1	20	16.7	84		61	148
		Decachlorobiphen	2	20	20.8	104		57	171
		Tetrachloro-m-xyl	2	20	16.4	82		61	148
I.BLK-PL096237.D	PIBLK-PL096237.D	Decachlorobiphen	1	20	19.5	98		57	171
		Tetrachloro-m-xyl	1	20	17.9	89		61	148
		Decachlorobiphen	2	20	20.1	100		57	171
		Tetrachloro-m-xyl	2	20	18.9	94		61	148
I.BLK-PL096551.D	PIBLK-PL096551.D	Decachlorobiphen	1	20	20.1	100		57	171
		Tetrachloro-m-xyl	1	20	21.9	109		61	148
		Decachlorobiphen	2	20	16.9	84		57	171
		Tetrachloro-m-xyl	2	20	23.3	116		61	148
PB168984BL	PB168984BL	Decachlorobiphen	1	20	17.2	86		57	171
		Tetrachloro-m-xyl	1	20	17.8	89		61	148
		Decachlorobiphen	2	20	15.5	78		57	171
		Tetrachloro-m-xyl	2	20	19.6	98		61	148
PB168984BS	PB168984BS	Decachlorobiphen	1	20	19.0	95		57	171

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Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
PB168984BS	PB168984BS	Tetrachloro-m-xyl	1	20	19.4	97		61	148
		Decachlorobiphen	2	20	16.8	84		57	171
		Tetrachloro-m-xyl	2	20	20.7	104		61	148
PB168969TB	PB168969TB	Decachlorobiphen	1	20	17.4	87		57	171
		Tetrachloro-m-xyl	1	20	17.6	88		61	148
		Decachlorobiphen	2	20	15.7	78		57	171
		Tetrachloro-m-xyl	2	20	19.0	95		61	148
Q2641-02MS	P001-CONCRETE001-01MS	Decachlorobiphen	1	20	21.0	105		57	171
		Tetrachloro-m-xyl	1	20	20.9	105		61	148
		Decachlorobiphen	2	20	19.1	95		57	171
		Tetrachloro-m-xyl	2	20	21.8	109		61	148
Q2641-02MSD	P001-CONCRETE001-01MSD	Decachlorobiphen	1	20	20.6	103		57	171
		Tetrachloro-m-xyl	1	20	20.6	103		61	148
		Decachlorobiphen	2	20	19.2	96		57	171
		Tetrachloro-m-xyl	2	20	21.4	107		61	148
Q2481-12	CC0627-AL	Decachlorobiphen	1	20	21.1	106		57	171
		Tetrachloro-m-xyl	1	20	21.1	105		61	148
		Decachlorobiphen	2	20	19.6	98		57	171
		Tetrachloro-m-xyl	2	20	21.6	108		61	148
Q2481-15	CC0627-AOXL	Decachlorobiphen	1	20	19.9	99		57	171
		Tetrachloro-m-xyl	1	20	16.8	84		61	148
		Decachlorobiphen	2	20	18.3	91		57	171
		Tetrachloro-m-xyl	2	20	24.9	125		61	148
I.BLK-PL096566.D	PIBLK-PL096566.D	Decachlorobiphen	1	20	21.3	106		57	171
		Tetrachloro-m-xyl	1	20	20.5	102		61	148
		Decachlorobiphen	2	20	18.2	91		57	171
		Tetrachloro-m-xyl	2	20	22.5	112		61	148
Q2481-16	CC0625-NL	Decachlorobiphen	1	20	46.7	234	*	57	171
		Tetrachloro-m-xyl	1	20	23.8	119		61	148
		Decachlorobiphen	2	20	20.0	100		57	171
		Tetrachloro-m-xyl	2	20	19.8	99		61	148
Q2481-17	CC0267-OXPL	Decachlorobiphen	1	20	16.8	84		57	171
		Tetrachloro-m-xyl	1	20	28.9	145		61	148
		Decachlorobiphen	2	20	19.5	98		57	171
		Tetrachloro-m-xyl	2	20	9.40	47	*	61	148
Q2481-18	CC0627-OXL	Decachlorobiphen	1	20	20.0	100		57	171
		Tetrachloro-m-xyl	1	20	234	1168	*	61	148
		Decachlorobiphen	2	20	22.0	110		57	171
		Tetrachloro-m-xyl	2	20	26.0	130		61	148
Q2481-20	CC0627-BL	Decachlorobiphen	1	20	22.2	111		57	171
		Tetrachloro-m-xyl	1	20	115	573	*	61	148

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Surrogate Summary

SDG No.: Q2481

Client: Environmental Restoration, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q2481-20	CC0627-BL	Decachlorobiphen	2	20	11.8	59		57	171
		Tetrachloro-m-xyl	2	20	14.0	70		61	148
I.BLK-PL096576.D	PIBLK-PL096576.D	Decachlorobiphen	1	20	16.5	83		57	171
		Tetrachloro-m-xyl	1	20	17.7	88		61	148
		Decachlorobiphen	2	20	14.0	70		57	171
		Tetrachloro-m-xyl	2	20	19.6	98		61	148

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** 8081B

Client: Environmental Restoration, LLC **DataFile :** PL096560.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: **Q2641-02MS** **Client Sample ID:** **P001-CONCRETE001-01M** **(Column 1)**											
gamma-BHC (Lindane)	5	0	5.60	ug/L	112				60	152	
Heptachlor	5	0	5.50	ug/L	110				56	147	
Heptachlor epoxide	5	0	5.80	ug/L	116				77	143	
Endrin	5	0	5.40	ug/L	108				76	144	
Methoxychlor	5	0.15	4.40	ug/L	87				70	142	
Lab Sample ID: **Q2641-02MS** **Client Sample ID:** **P001-CONCRETE001-01M** **(Column 2)**											
gamma-BHC (Lindane)	5	0	5.70	ug/L	114				60	152	
Heptachlor	5	0	5.50	ug/L	110				56	147	
Heptachlor epoxide	5	0	5.70	ug/L	114				77	143	
Endrin	5	0	5.30	ug/L	106				76	144	
Methoxychlor	5	0.14	4.50	ug/L	90				70	142	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** 8081B

Client: Environmental Restoration, LLC **DataFile :** PL096561.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: **Q2641-02MSD (Column 1)**	**Client Sample ID:**		**P001-CONCRETE001-01M**								
gamma-BHC (Lindane)	5	0	5.60	ug/L	112		0		60	152	20
Heptachlor	5	0	5.40	ug/L	108		2		56	147	20
Heptachlor epoxide	5	0	5.70	ug/L	114		2		77	143	20
Endrin	5	0	5.30	ug/L	106		2		76	144	20
Methoxychlor	5	0.15	4.40	ug/L	87		0		70	142	20
Lab Sample ID: **Q2641-02MSD (Column 2)**	**Client Sample ID:**		**P001-CONCRETE001-01M**								
gamma-BHC (Lindane)	5	0	5.60	ug/L	112		2		60	152	20
Heptachlor	5	0	5.40	ug/L	108		2		56	147	20
Heptachlor epoxide	5	0	5.60	ug/L	112		2		77	143	20
Endrin	5	0	5.20	ug/L	104		2		76	144	20
Methoxychlor	5	0.14	4.50	ug/L	90		0		70	142	20

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2481 **Analytical Method:** 8081B

Client: Environmental Restoration, LLC **Datafile :** PL096555.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168984BS (Column 1)	gamma-BHC (Lindane)	0.5	0.56	ug/L	113				82	129	
	Heptachlor	0.5	0.53	ug/L	107				79	127	
	Heptachlor epoxide	0.5	0.61	ug/L	122				81	124	
	Endrin	0.5	0.46	ug/L	93				81	128	
	Methoxychlor	0.5	0.40	ug/L	79				78	108	
PB168984BS (Column 2)	gamma-BHC (Lindane)	0.5	0.60	ug/L	120				82	129	
	Heptachlor	0.5	0.55	ug/L	110				79	127	
	Heptachlor epoxide	0.5	0.59	ug/L	118				81	124	
	Endrin	0.5	0.48	ug/L	95				81	128	
	Methoxychlor	0.5	0.40	ug/L	79				78	108	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB168984BL

Lab Name: Alliance | Contract: ENVI60

Lab Code: ACE | SDG NO.: Q2481

Lab Sample ID: PB168984BL | Lab File ID: PL096554.D

Matrix: (soil/water) water | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/23/2025

Date Analyzed (1): 07/24/2025 | Date Analyzed (2): 07/24/2025

Time Analyzed (1): 12:24 | Time Analyzed (2): 12:24

Instrument ID (1): ECD_L | Instrument ID (2): ECD_L

GC Column (1): ZB-MR1 ID: 0.32 (mm) | GC Column (2): ZB-MR2 ID: 0.32 (mm)

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
CC0625-OXBL	Q2481-14	PD089669.D	07/29/2025	07/29/2025
CC0627-CLOXAL	Q2481-19	PD089670.D	07/29/2025	07/29/2025
CC0627-SFBL	Q2481-21	PD089671.D	07/29/2025	07/29/2025
CC0627-CLOXPL	Q2481-13	PD089672.D	07/29/2025	07/29/2025
PB168984BS	PB168984BS	PL096555.D	07/24/2025	07/24/2025
PB168969TB	PB168969TB	PL096558.D	07/24/2025	07/24/2025
P001-CONCRETE001-01MS	Q2641-02MS	PL096560.D	07/24/2025	07/24/2025
P001-CONCRETE001-01MSD	Q2641-02MSD	PL096561.D	07/24/2025	07/24/2025
CC0627-AL	Q2481-12	PL096562.D	07/24/2025	07/24/2025
CC0627-AOXL	Q2481-15	PL096563.D	07/24/2025	07/24/2025
CC0625-NL	Q2481-16	PL096572.D	07/24/2025	07/24/2025
CC0267-OXPL	Q2481-17	PL096573.D	07/24/2025	07/24/2025
CC0627-OXL	Q2481-18	PL096574.D	07/24/2025	07/24/2025
CC0627-BL	Q2481-20	PL096575.D	07/24/2025	07/24/2025

COMMENTS:

SAMPLE DATA

Raw Data: **PL096558.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	07/23/25
Client Sample ID:	PB168969TB	SDG No.:	Q2481
Lab Sample ID:	PB168969TB	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096558.D	1	07/23/25 12:15	07/24/25 13:18	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.4		57 - 171	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		61 - 148	95%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096558.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 13:18
Operator : AR\AJ
Sample : PB168969TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168969TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:31:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.536	2.829	64178473	109.4E6	17.588	18.961
28)	SA Decachlor...	9.015	7.992	48891459	78095695	17.380	15.661
	Target Compounds						

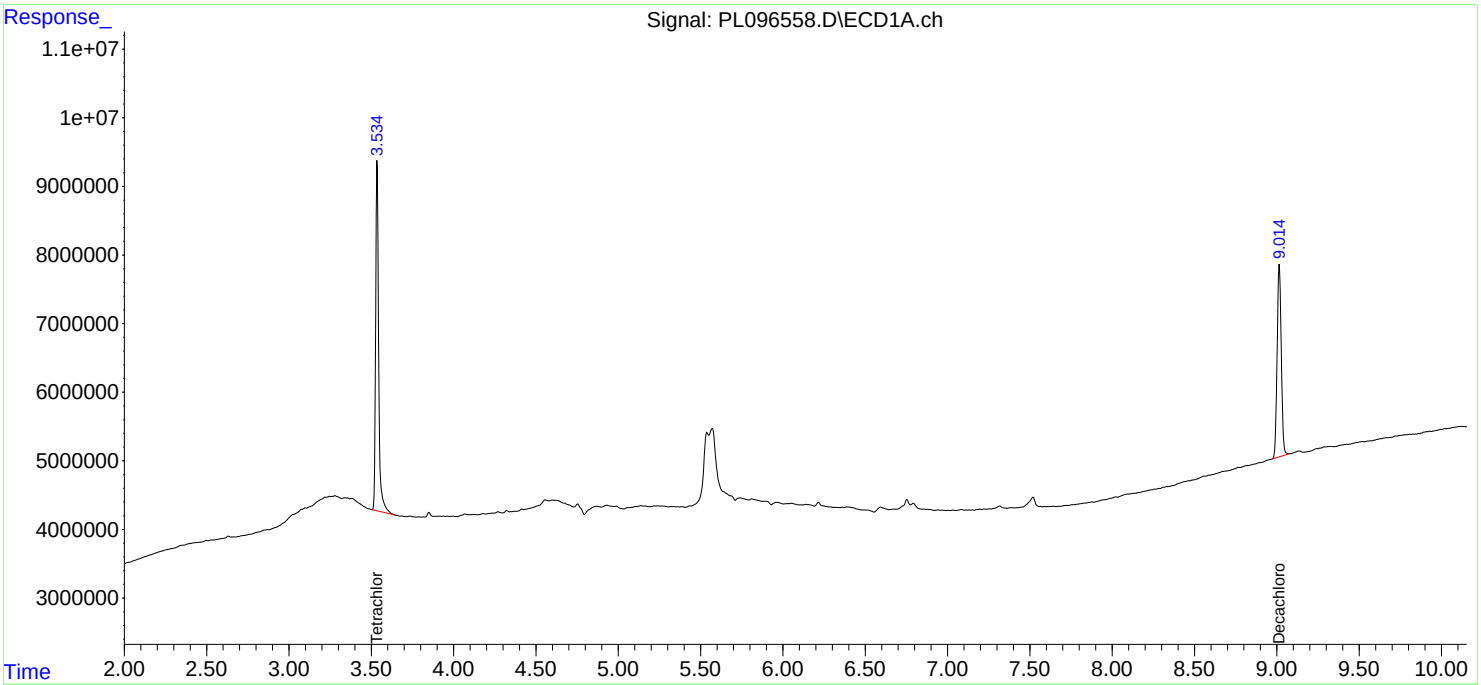
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

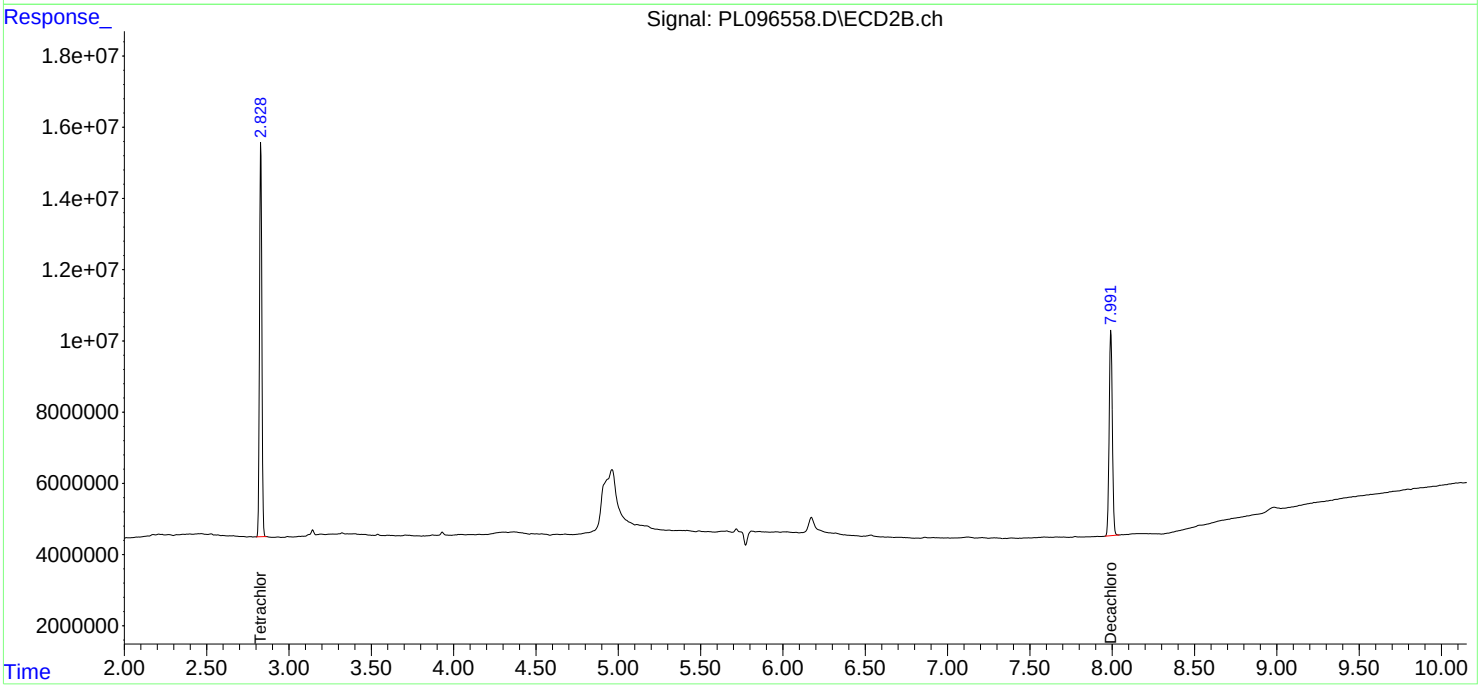
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 13:18
Operator : AR\AJ
Sample : PB168969TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

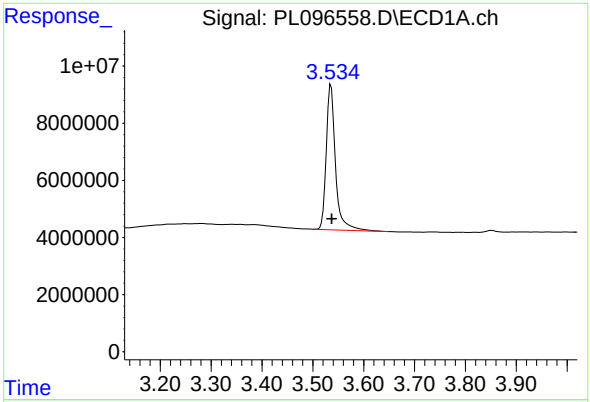
Instrument :
ECD_L
ClientSampleId :
PB168969TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:31:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



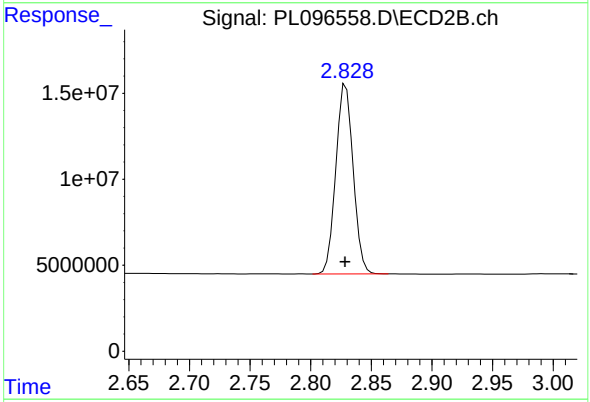




#1 Tetrachloro-m-xylene

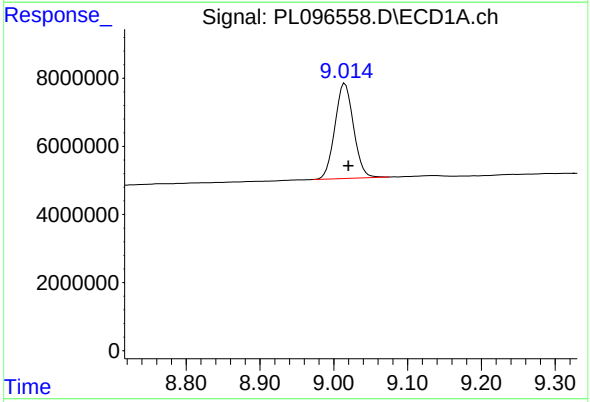
R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 64178473
Conc: 17.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168969TB



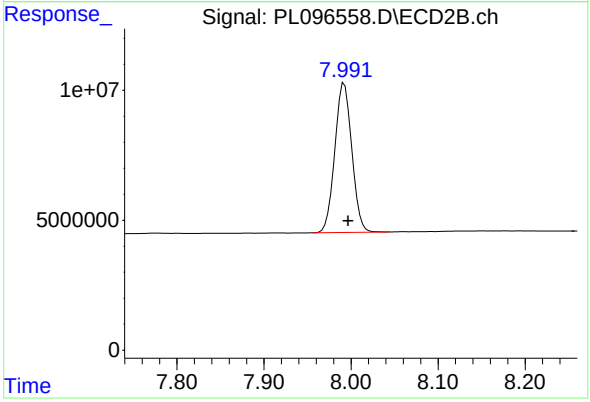
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 109427758
Conc: 18.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: -0.005 min
Response: 48891459
Conc: 17.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 78095695
Conc: 15.66 ng/ml

Raw Data: **PL096562.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AL	SDG No.:	Q2481
Lab Sample ID:	Q2481-12	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096562.D	1	07/23/25 12:15	07/24/25 17:29	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.37	U	0.37	5.00	ug/L
76-44-8	Heptachlor	0.27	U	0.27	5.00	ug/L
1024-57-3	Heptachlor epoxide	0.96	U	0.96	5.00	ug/L
72-20-8	Endrin	0.32	U	0.32	5.00	ug/L
72-43-5	Methoxychlor	1.10	U	1.10	5.00	ug/L
8001-35-2	Toxaphene	17.0	U	17.0	100	ug/L
57-74-9	Chlordane	8.80	U	8.80	50.0	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.1		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		61 - 148	108%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096562.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:29
Operator : AR\AJ
Sample : Q2481-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CC0627-AL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:33:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.536	2.829	76897676	124.4E6	21.074	21.562
28)	SA Decachlor...	9.016	7.993	59433656	97699703	21.128	19.593
	Target Compounds						

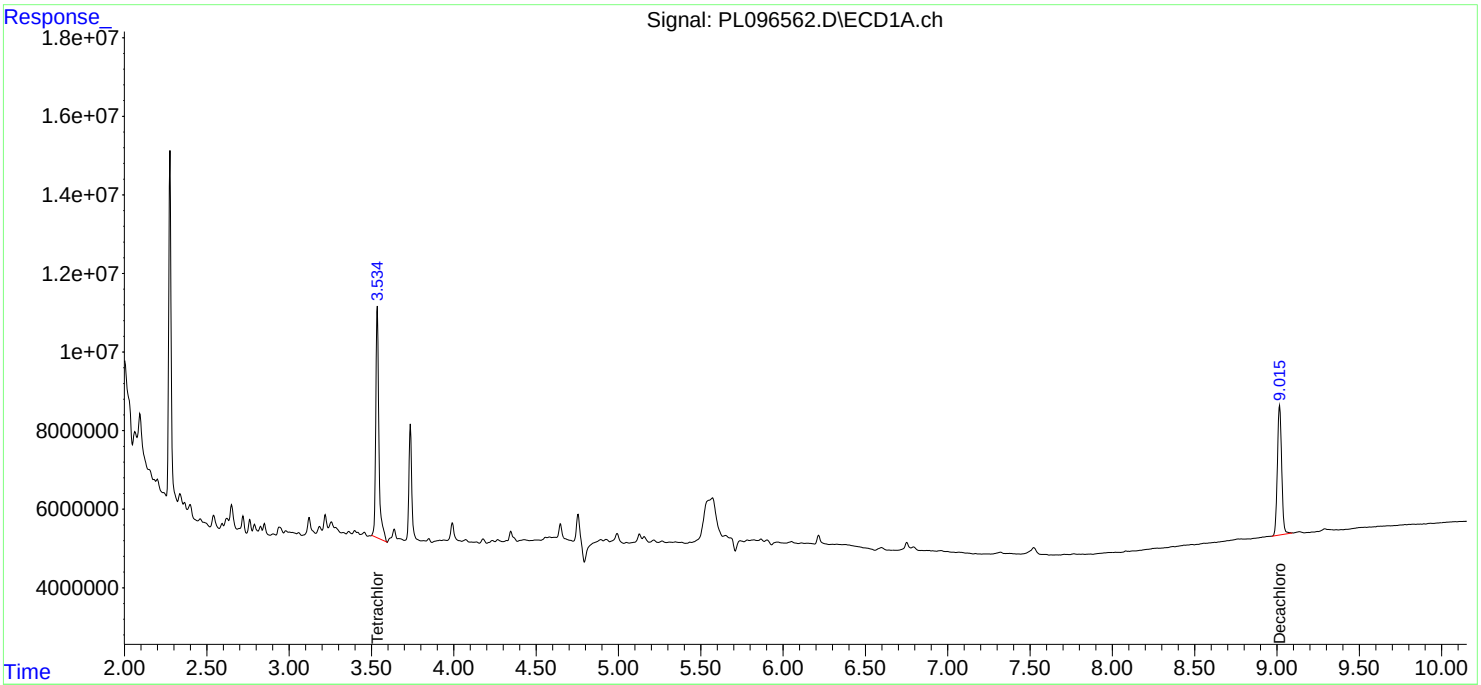
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

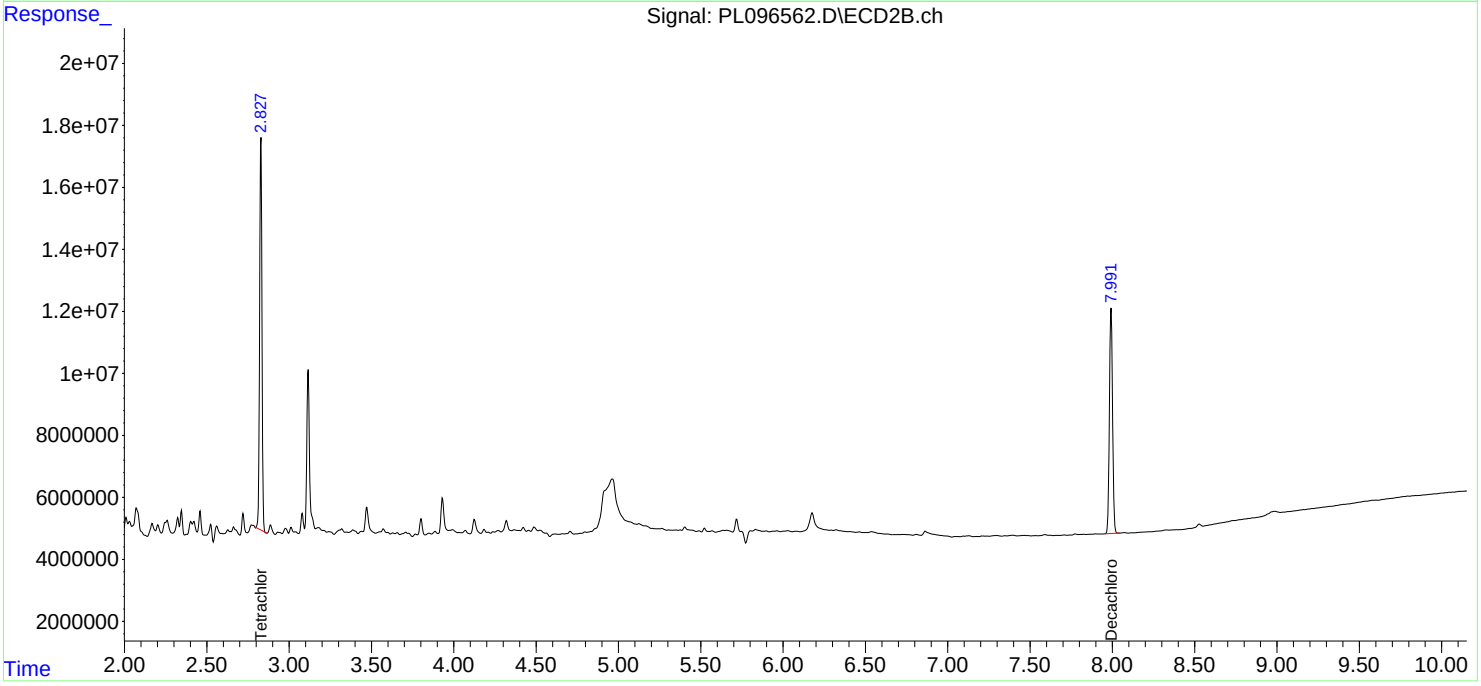
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:29
Operator : AR\AJ
Sample : Q2481-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

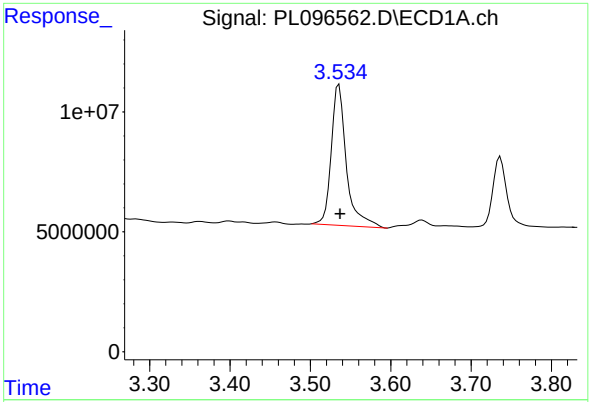
Instrument :
ECD_L
ClientSampleId :
CC0627-AL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:33:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



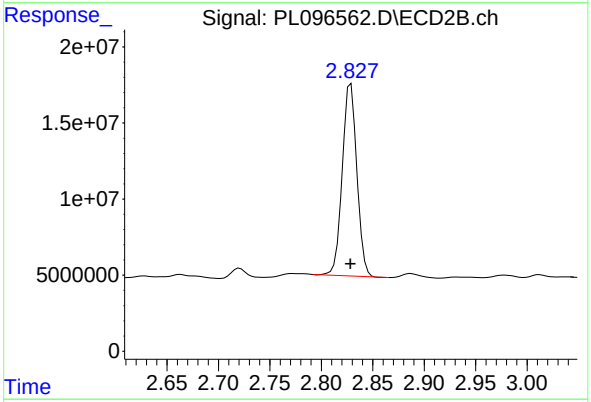




#1 Tetrachloro-m-xylene

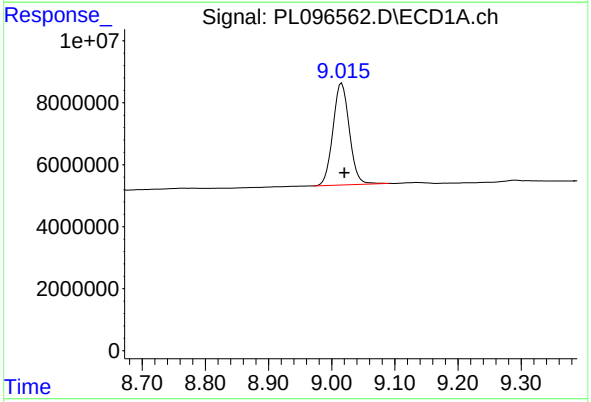
R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 76897676
Conc: 21.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC0627-AL



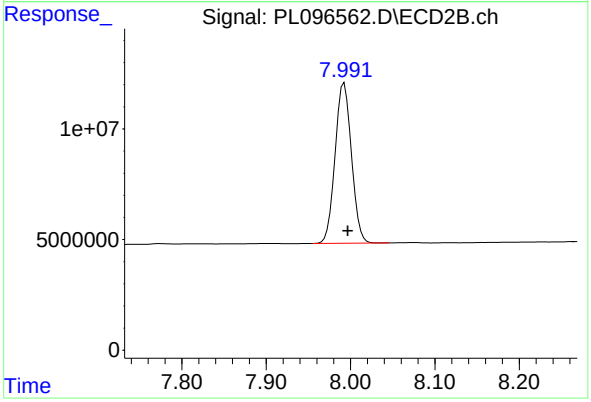
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 124436893
Conc: 21.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.004 min
Response: 59433656
Conc: 21.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 97699703
Conc: 19.59 ng/ml

Raw Data: **PD089672.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-13	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089672.D	20	07/23/25 12:15	07/29/25 16:11	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	7.40	U	7.40	100	ug/L
76-44-8	Heptachlor	5.40	U	5.40	100	ug/L
1024-57-3	Heptachlor epoxide	19.2	U	19.2	100	ug/L
72-20-8	Endrin	6.40	U	6.40	100	ug/L
72-43-5	Methoxychlor	22.0	U	22.0	100	ug/L
8001-35-2	Toxaphene	340	U	340	2000	ug/L
57-74-9	Chlordane	176	U	176	1000	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		57 - 171	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	131	*	61 - 148	655%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PD089672.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089672.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 16:11
Operator : AR\AJ
Sample : Q2481-13 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
CC0627-CLOXPL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 16:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.556	2.877	18886445	75460801	6.555	3.857 #
28)	SA Decachlor...	9.072	8.068	3625430	18634434	0.883	0.758
	Target Compounds						

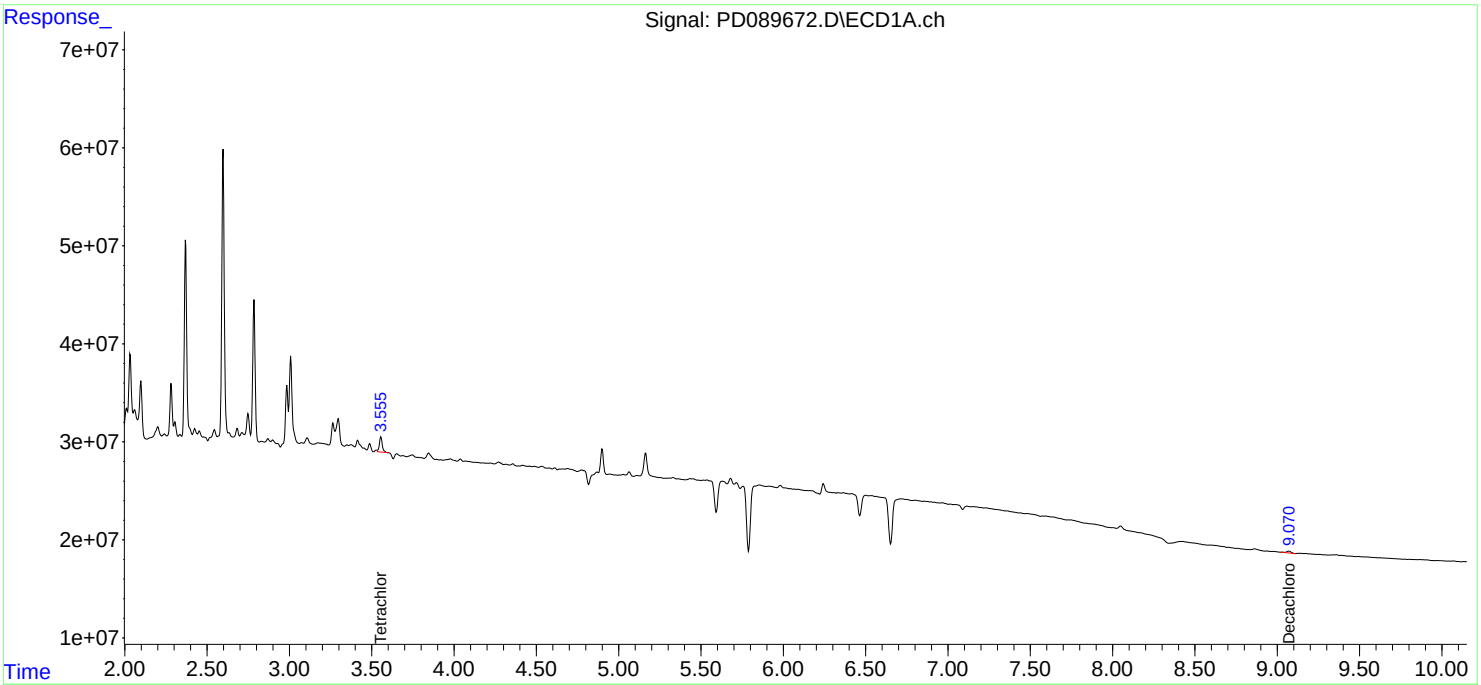
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

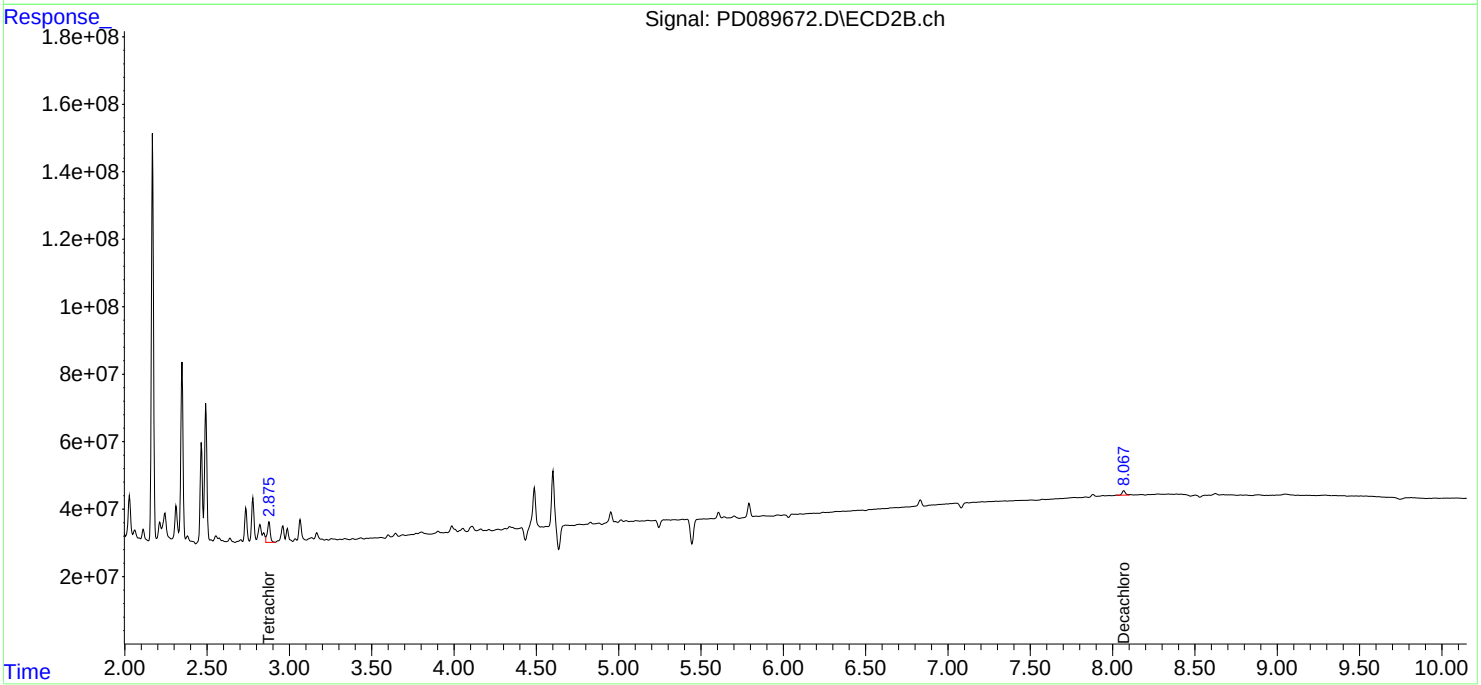
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089672.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 16:11
Operator : AR\AJ
Sample : Q2481-13 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

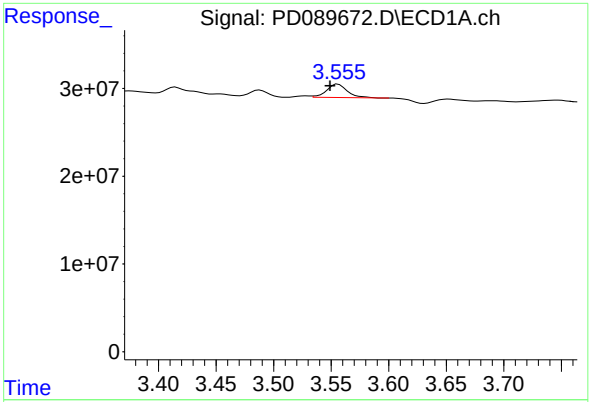
Instrument :
ECD_D
ClientSampleId :
CC0627-CLOXPL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 16:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



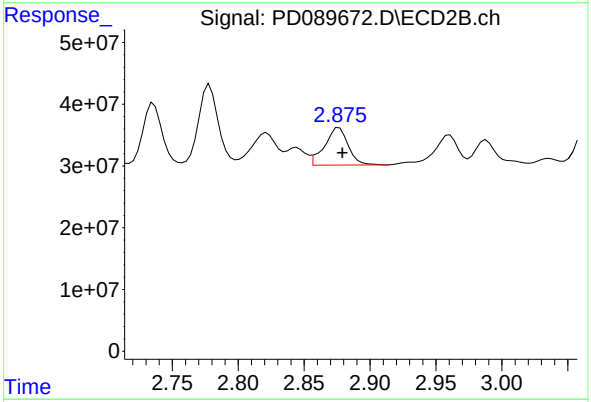




#1 Tetrachloro-m-xylene

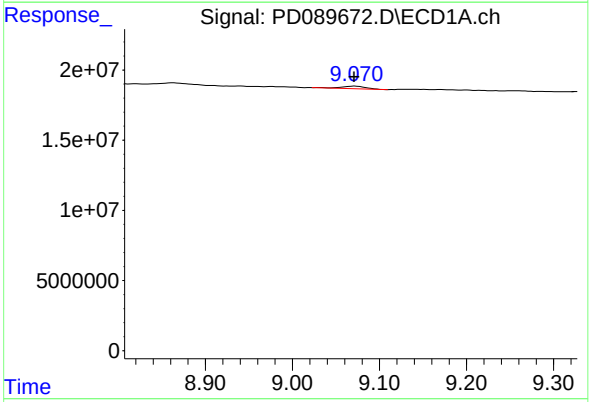
R.T.: 3.556 min
Delta R.T.: 0.007 min
Response: 18886445
Conc: 6.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC0627-CLOXPL



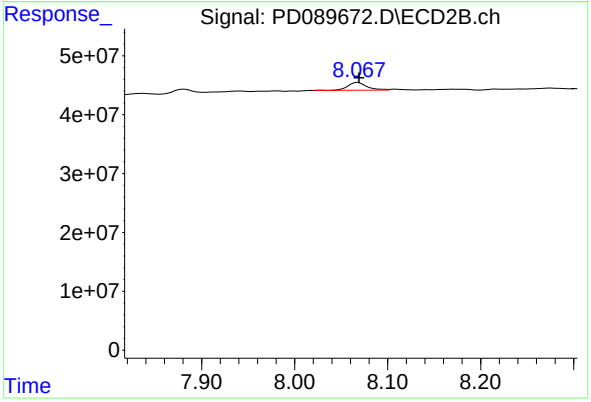
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.002 min
Response: 75460801
Conc: 3.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.001 min
Response: 3625430
Conc: 0.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.002 min
Response: 18634434
Conc: 0.76 ng/ml

Raw Data: **PD089669.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-OXBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-14	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089669.D	20	07/23/25 12:15	07/29/25 14:49	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	7.40	U	7.40	100	ug/L
76-44-8	Heptachlor	5.40	U	5.40	100	ug/L
1024-57-3	Heptachlor epoxide	19.2	U	19.2	100	ug/L
72-20-8	Endrin	6.40	U	6.40	100	ug/L
72-43-5	Methoxychlor	22.0	U	22.0	100	ug/L
8001-35-2	Toxaphene	340	U	340	2000	ug/L
57-74-9	Chlordane	176	U	176	1000	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	200	*	57 - 171	998%	SPK: 20
877-09-8	Tetrachloro-m-xylene	86.4	*	61 - 148	432%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PD089669.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089669.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 14:49
Operator : AR\AJ
Sample : Q2481-14 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
CC0625-OXBL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:41:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.560	2.878	12447862	8666337	4.320	0.443m#
28)	SA Decachlor...	9.073	8.068	40979108	195.0E6	9.978	7.938
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PD089669.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089669.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 14:49
Operator : AR\AJ
Sample : Q2481-14 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

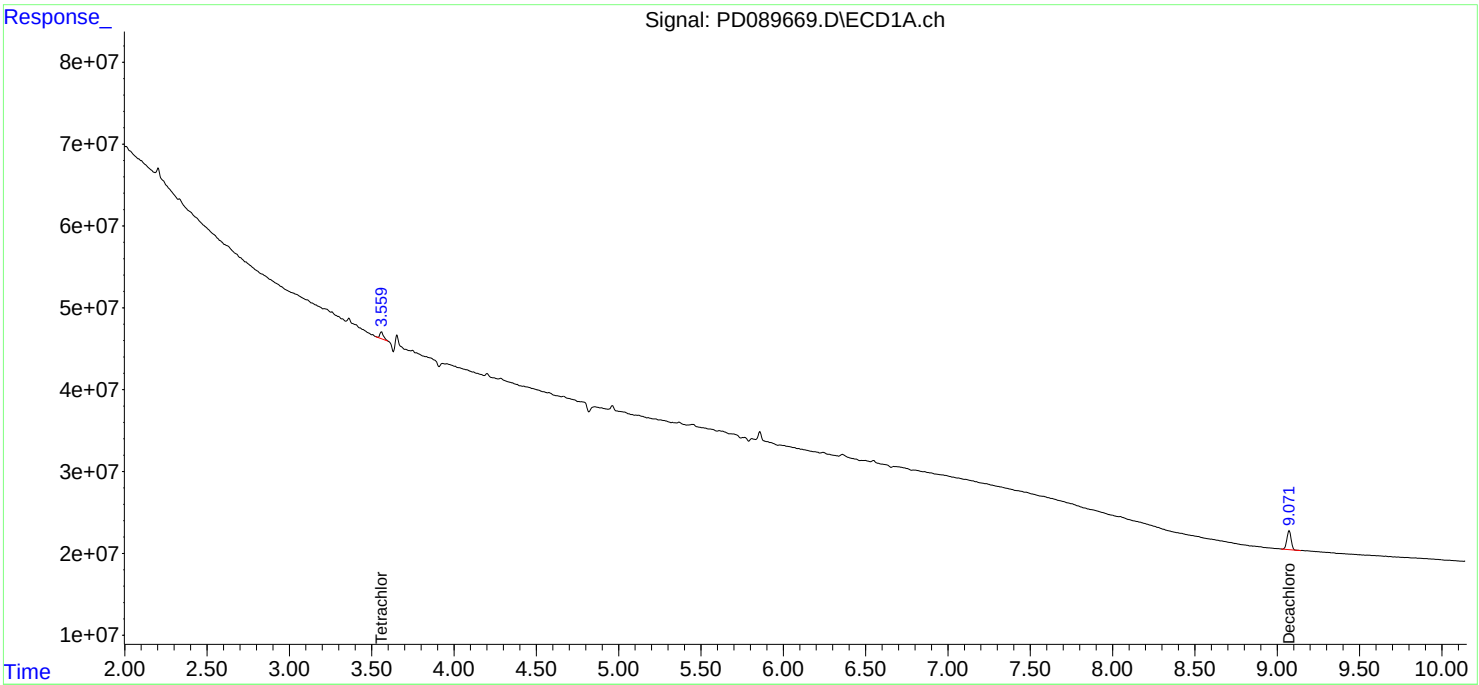
Instrument :
ECD_D
ClientSampleId :
CC0625-OXBL

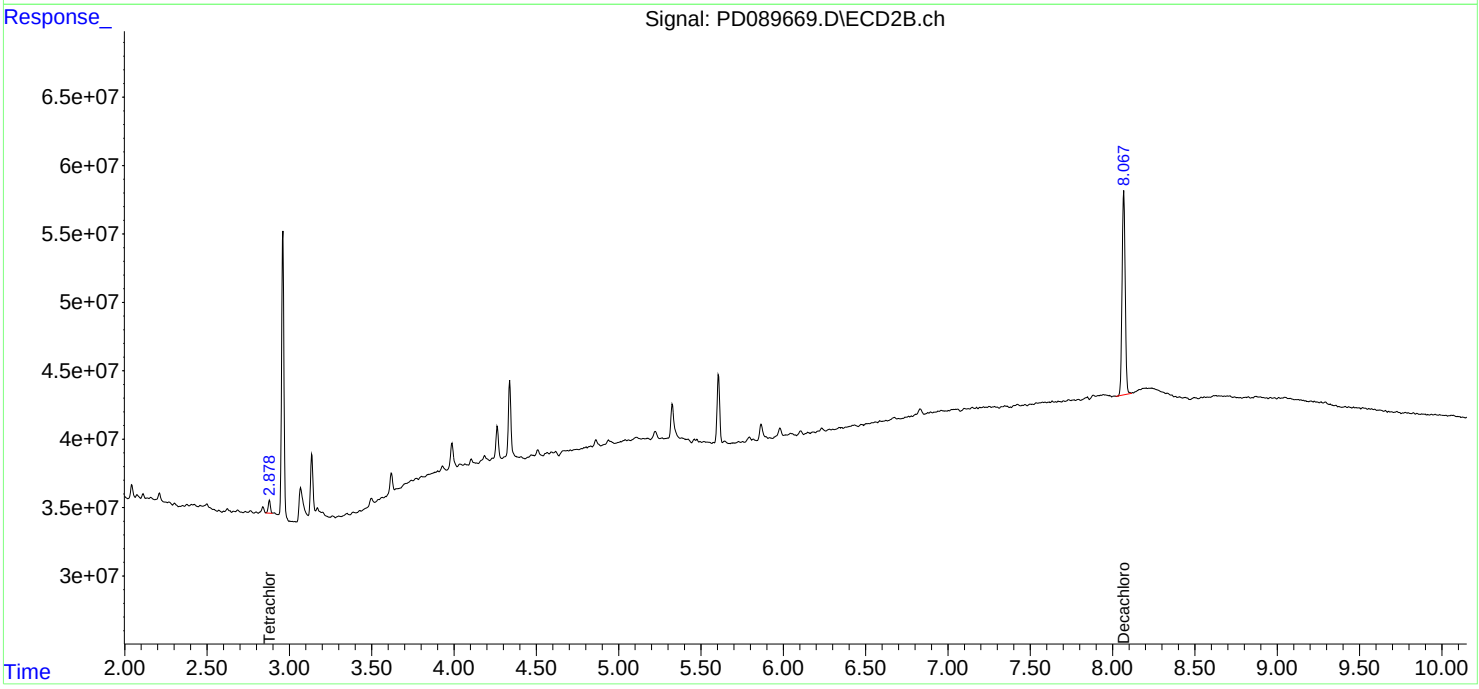
Manual Integrations APPROVED

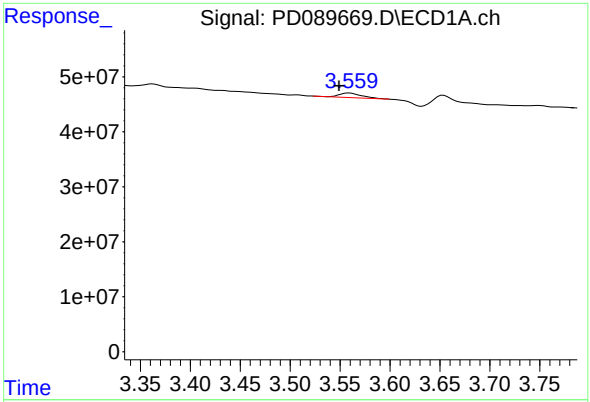
Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:41:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







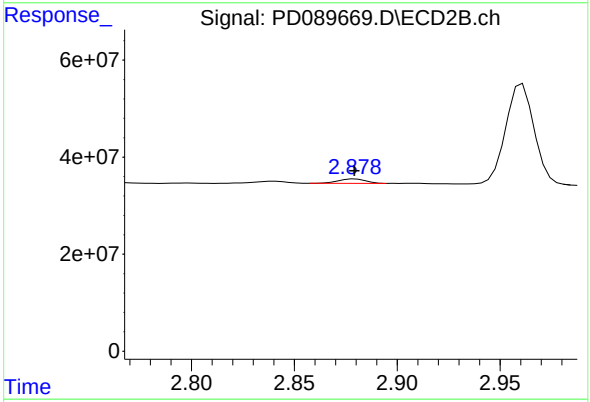
#1 Tetrachloro-m-xylene

R.T.: 3.560 min
Delta R.T.: 0.011 min
Response: 12447862
Conc: 4.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC0625-OXBL

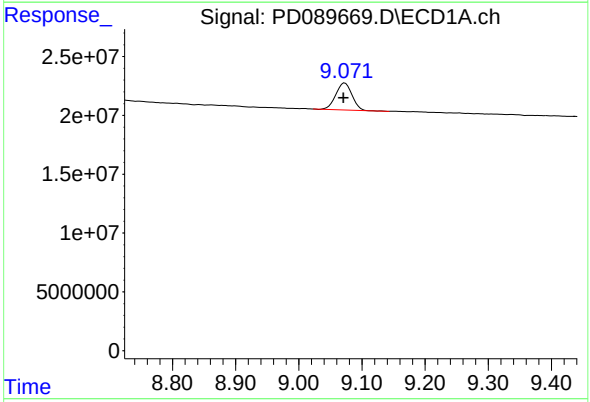
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025



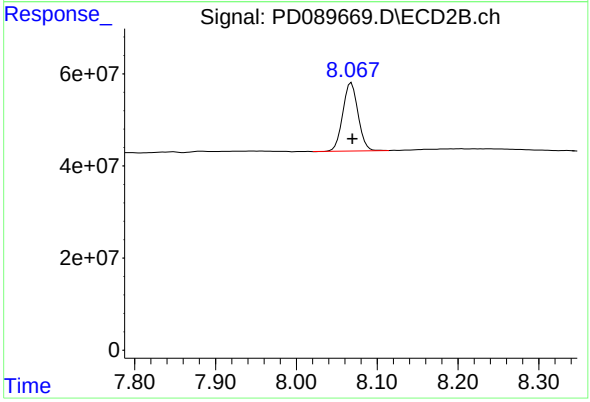
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: -0.001 min
Response: 8666337
Conc: 0.44 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.002 min
Response: 40979108
Conc: 9.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 195033418
Conc: 7.94 ng/ml

Raw Data: **PL096563.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-AOXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-15	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096563.D	1	07/23/25 12:15	07/24/25 17:42	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.37	U	0.37	5.00	ug/L
76-44-8	Heptachlor	0.27	U	0.27	5.00	ug/L
1024-57-3	Heptachlor epoxide	0.96	U	0.96	5.00	ug/L
72-20-8	Endrin	0.32	U	0.32	5.00	ug/L
72-43-5	Methoxychlor	1.10	U	1.10	5.00	ug/L
8001-35-2	Toxaphene	17.0	U	17.0	100	ug/L
57-74-9	Chlordane	8.80	U	8.80	50.0	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.9		57 - 171	99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.9		61 - 148	125%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096563.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:42
Operator : AR\AJ
Sample : Q2481-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CC0627-AOXL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.537	2.827	61135681	144.0E6	16.754	24.948m#
28)	SA Decachlor...	9.016	7.993	55838382	91038878	19.850	18.257
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:42
Operator : AR\AJ
Sample : Q2481-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

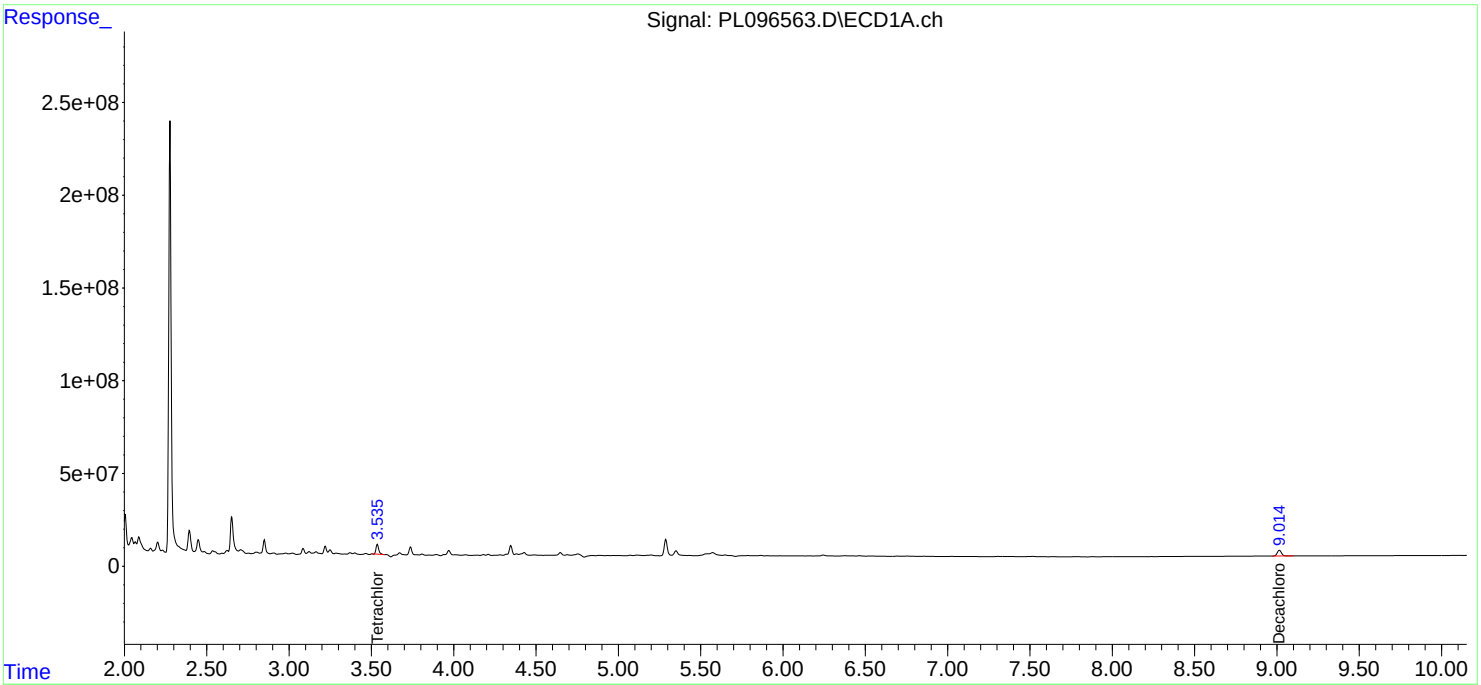
Instrument :
ECD_L
ClientSampleId :
CC0627-AOXL

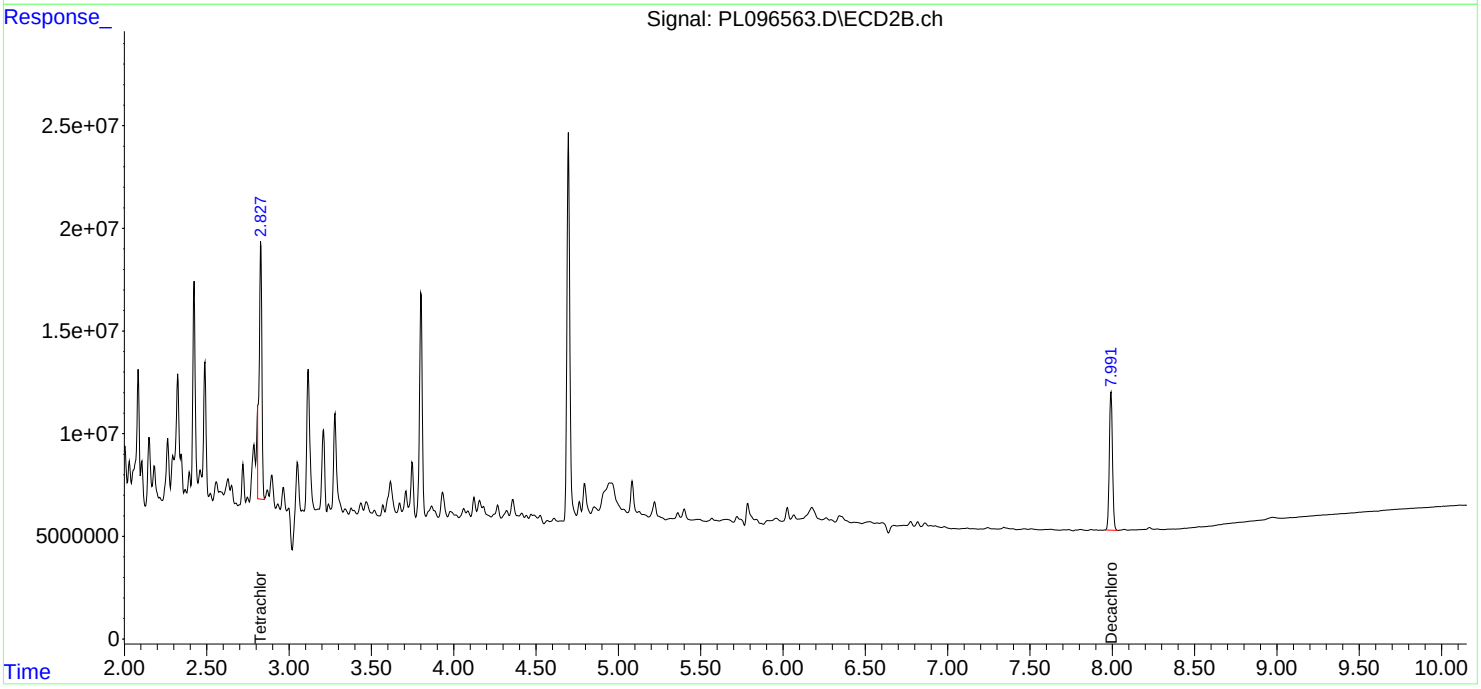
Manual Integrations APPROVED

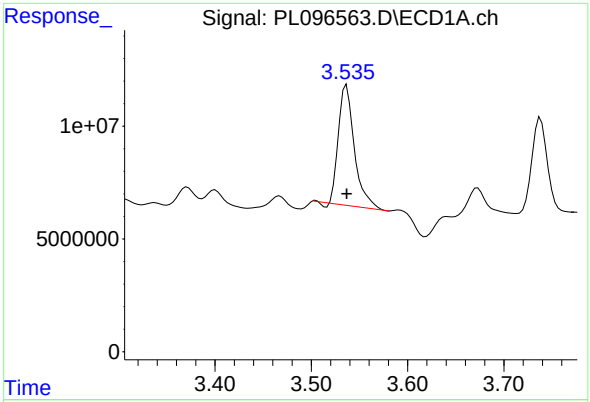
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:33:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







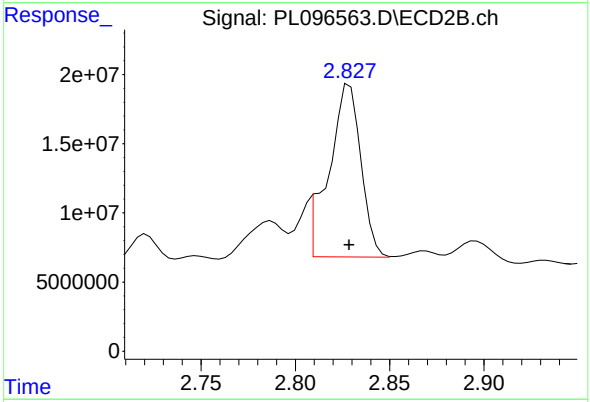
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 61135681
Conc: 16.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC0627-AOXL

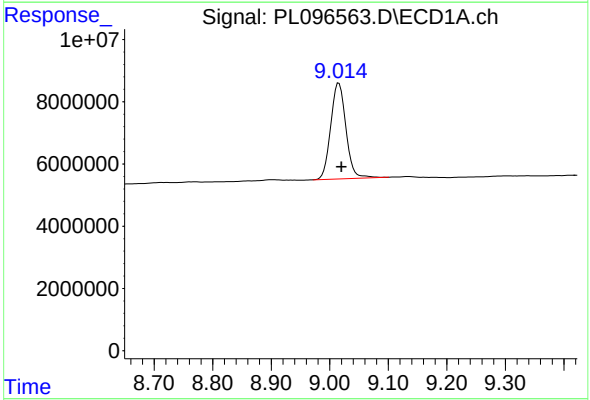
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



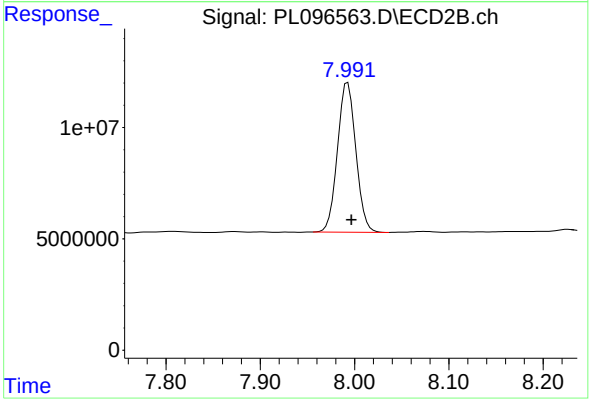
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 143979469
Conc: 24.95 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.004 min
Response: 55838382
Conc: 19.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 91038878
Conc: 18.26 ng/ml

Raw Data: **PL096572.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0625-NL	SDG No.:	Q2481
Lab Sample ID:	Q2481-16	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096572.D	10	07/23/25 12:15	07/24/25 20:26	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	3.70	U	3.70	50.0	ug/L
76-44-8	Heptachlor	2.70	U	2.70	50.0	ug/L
1024-57-3	Heptachlor epoxide	9.60	U	9.60	50.0	ug/L
72-20-8	Endrin	3.20	U	3.20	50.0	ug/L
72-43-5	Methoxychlor	11.0	U	11.0	50.0	ug/L
8001-35-2	Toxaphene	170	U	170	1000	ug/L
57-74-9	Chlordane	88.0	U	88.0	500	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	46.7	*	57 - 171	234%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.8		61 - 148	119%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096572.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:26
Operator : AR\AJ
Sample : Q2481-16 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CC0625-NL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:38:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.533	2.827	8688031	11416018	2.381m	1.978m
28)	SA Decachlor...	9.016	7.990	13123152	9961656	4.665m	1.998m#
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL096572.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:26
Operator : AR\AJ
Sample : Q2481-16 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

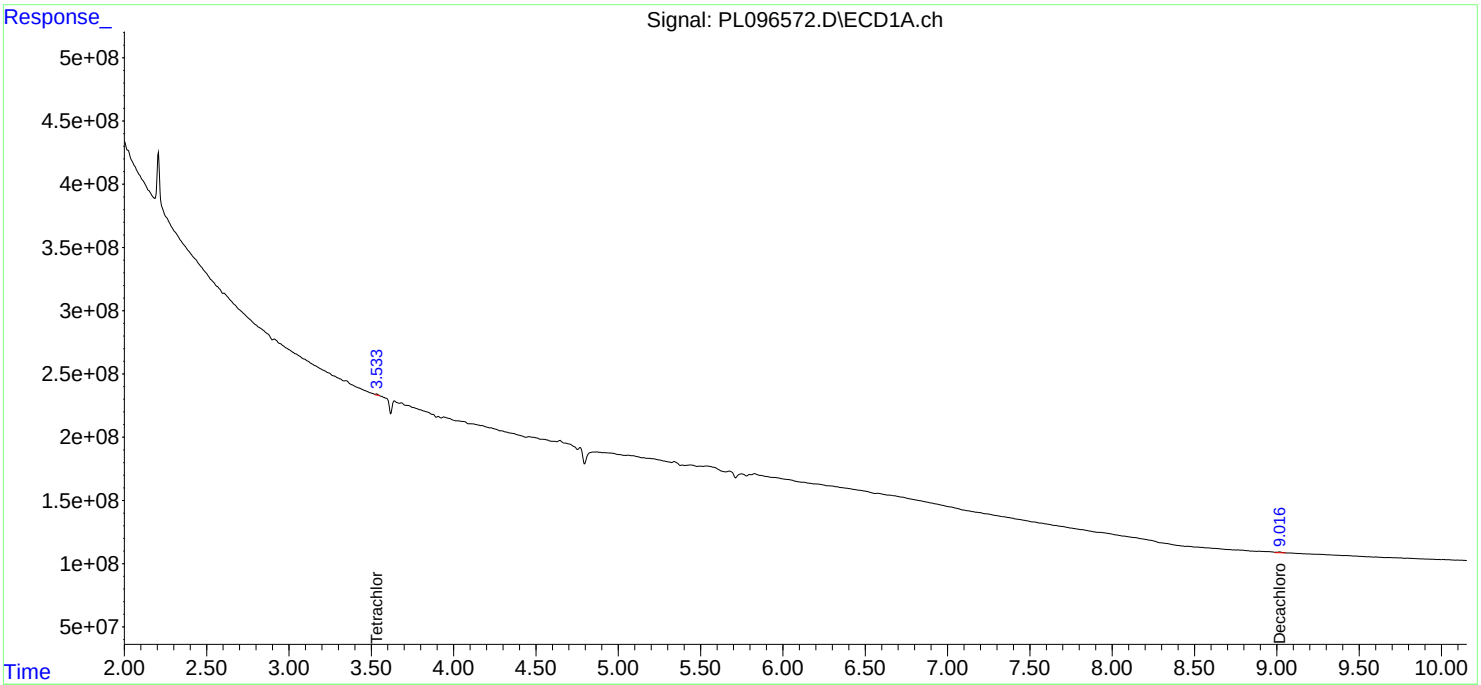
Instrument :
ECD_L
ClientSampleId :
CC0625-NL

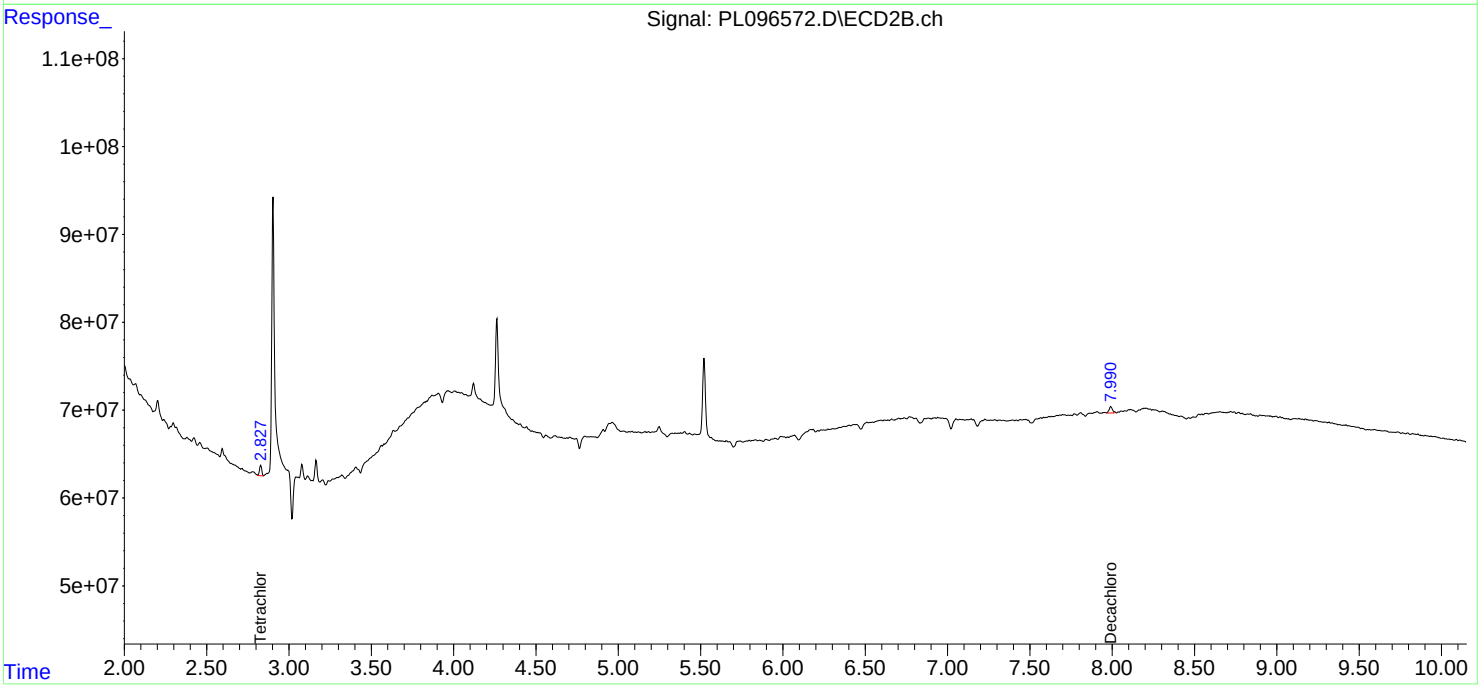
Manual Integrations APPROVED

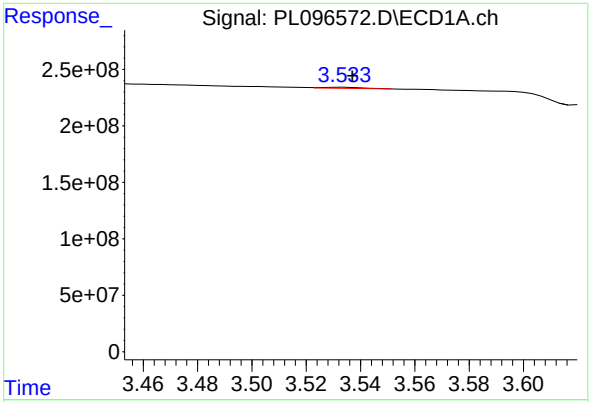
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:38:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







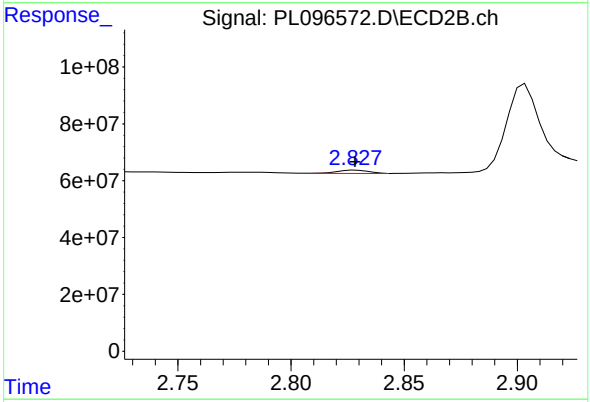
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.004 min
Response: 8688031
Conc: 2.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC0625-NL

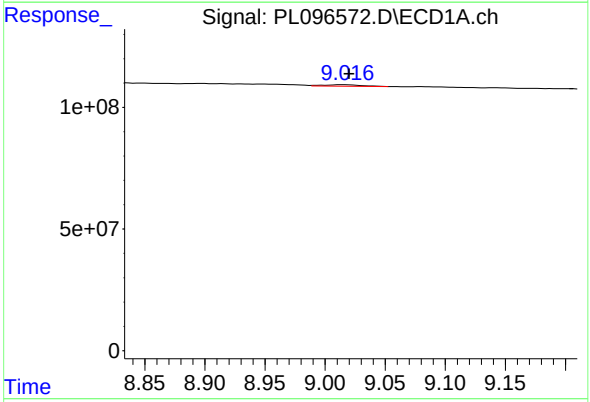
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



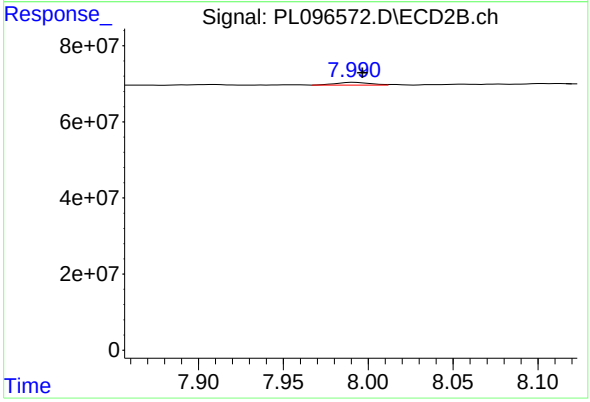
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 11416018
Conc: 1.98 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.003 min
Response: 13123152
Conc: 4.67 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.006 min
Response: 9961656
Conc: 2.00 ng/ml m

Raw Data: **PL096573.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0267-OXPL	SDG No.:	Q2481
Lab Sample ID:	Q2481-17	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096573.D	10	07/23/25 12:15	07/24/25 20:40	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	3.70	U	3.70	50.0	ug/L
76-44-8	Heptachlor	2.70	U	2.70	50.0	ug/L
1024-57-3	Heptachlor epoxide	9.60	U	9.60	50.0	ug/L
72-20-8	Endrin	3.20	U	3.20	50.0	ug/L
72-43-5	Methoxychlor	11.0	U	11.0	50.0	ug/L
8001-35-2	Toxaphene	170	U	170	1000	ug/L
57-74-9	Chlordane	88.0	U	88.0	500	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		57 - 171	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	28.9		61 - 148	145%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096573.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:40
Operator : AR\AJ
Sample : Q2481-17 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CC0267-OXPL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:38:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.527	2.830	10531044	5439252	2.886m	0.942 #
28)	SA Decachlor...	9.017	7.990	4733028	9742958	1.683m	1.954m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:40
Operator : AR\AJ
Sample : Q2481-17 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

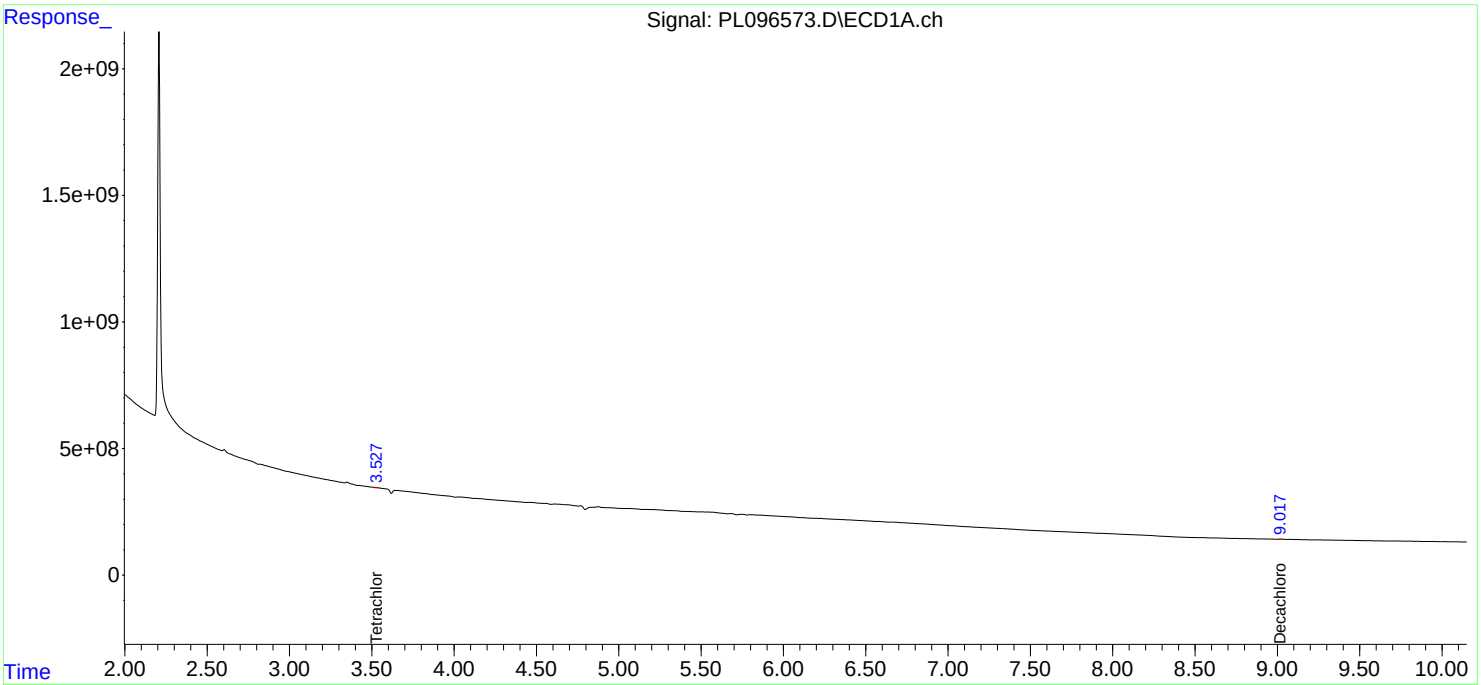
Instrument :
ECD_L
ClientSampleId :
CC0267-OXPL

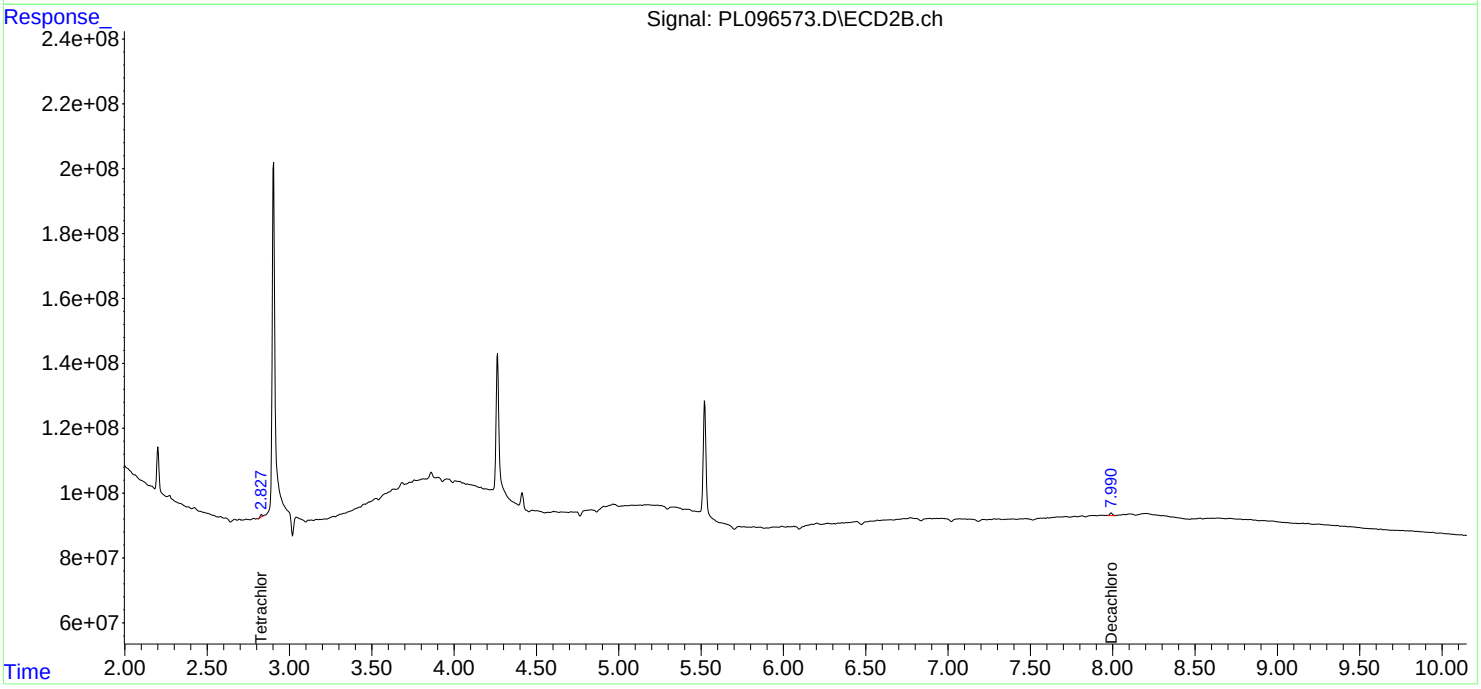
Manual Integrations APPROVED

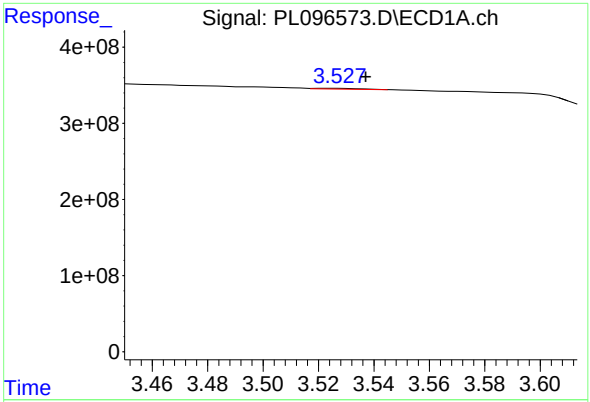
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:38:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







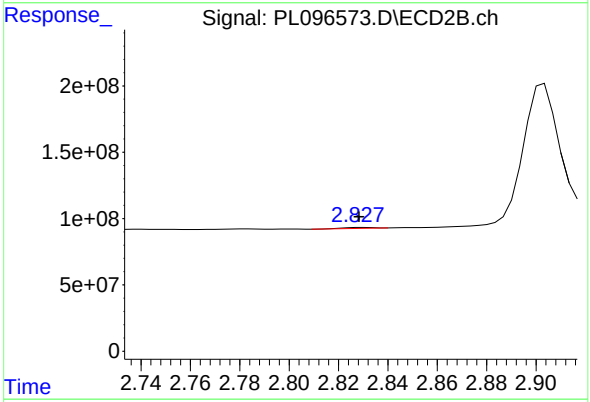
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: -0.010 min
Response: 10531044
Conc: 2.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC0267-OXPL

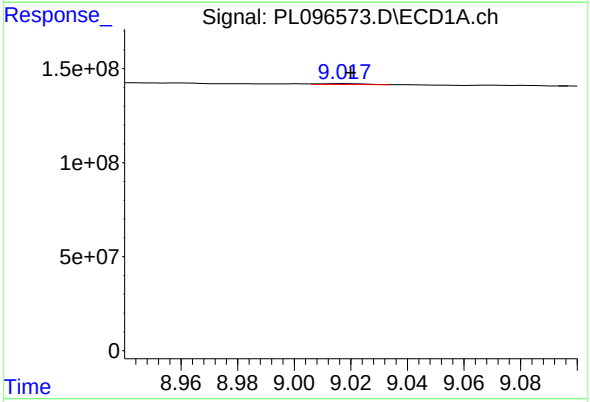
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



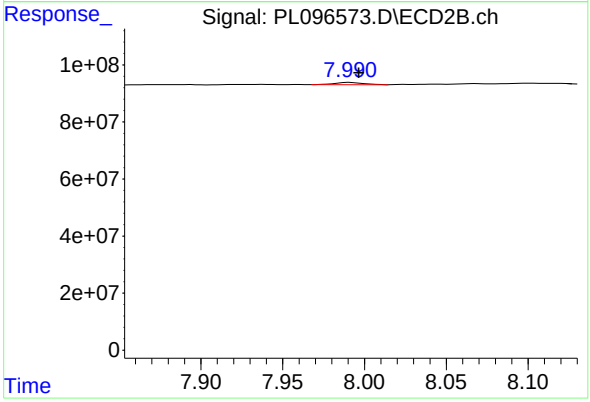
#1 Tetrachloro-m-xylene

R.T.: 2.830 min
Delta R.T.: 0.001 min
Response: 5439252
Conc: 0.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 4733028
Conc: 1.68 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.007 min
Response: 9742958
Conc: 1.95 ng/ml m

Raw Data: **PL096574.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-OXL	SDG No.:	Q2481
Lab Sample ID:	Q2481-18	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096574.D	20	07/23/25 12:15	07/24/25 20:53	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	7.40	U	7.40	100	ug/L
76-44-8	Heptachlor	5.40	U	5.40	100	ug/L
1024-57-3	Heptachlor epoxide	19.2	U	19.2	100	ug/L
72-20-8	Endrin	6.40	U	6.40	100	ug/L
72-43-5	Methoxychlor	22.0	U	22.0	100	ug/L
8001-35-2	Toxaphene	340	U	340	2000	ug/L
57-74-9	Chlordane	176	U	176	1000	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.0		57 - 171	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	234	*	61 - 148	1168%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096574.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:53
Operator : AR\AJ
Sample : Q2481-18 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CC0627-OXL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/28/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:38:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.539	2.835	42626294	7477504	11.682m	1.296m#
28)	SA Decachlor...	9.015	7.987	2802818	5484497	0.996m	1.100m
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL096574.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:53
Operator : AR\AJ
Sample : Q2481-18 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

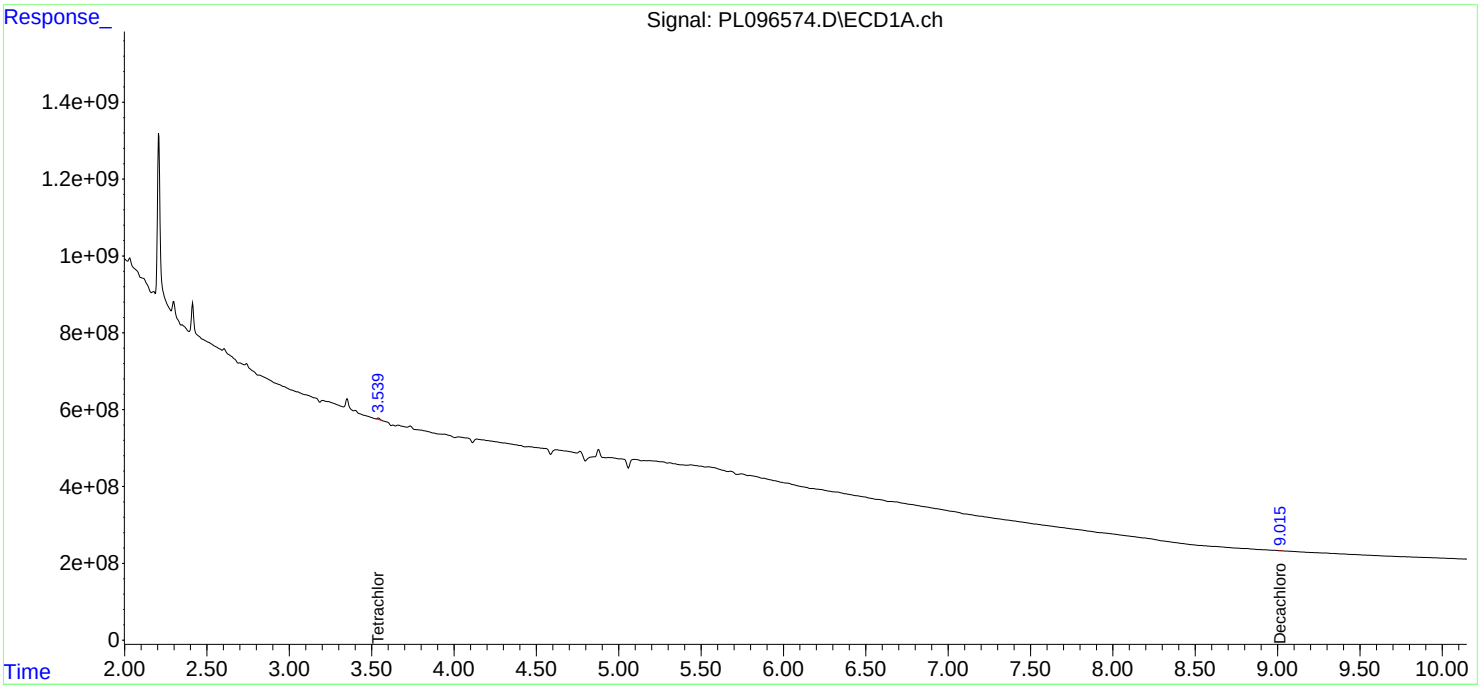
Instrument :
ECD_L
ClientSampleId :
CC0627-OXL

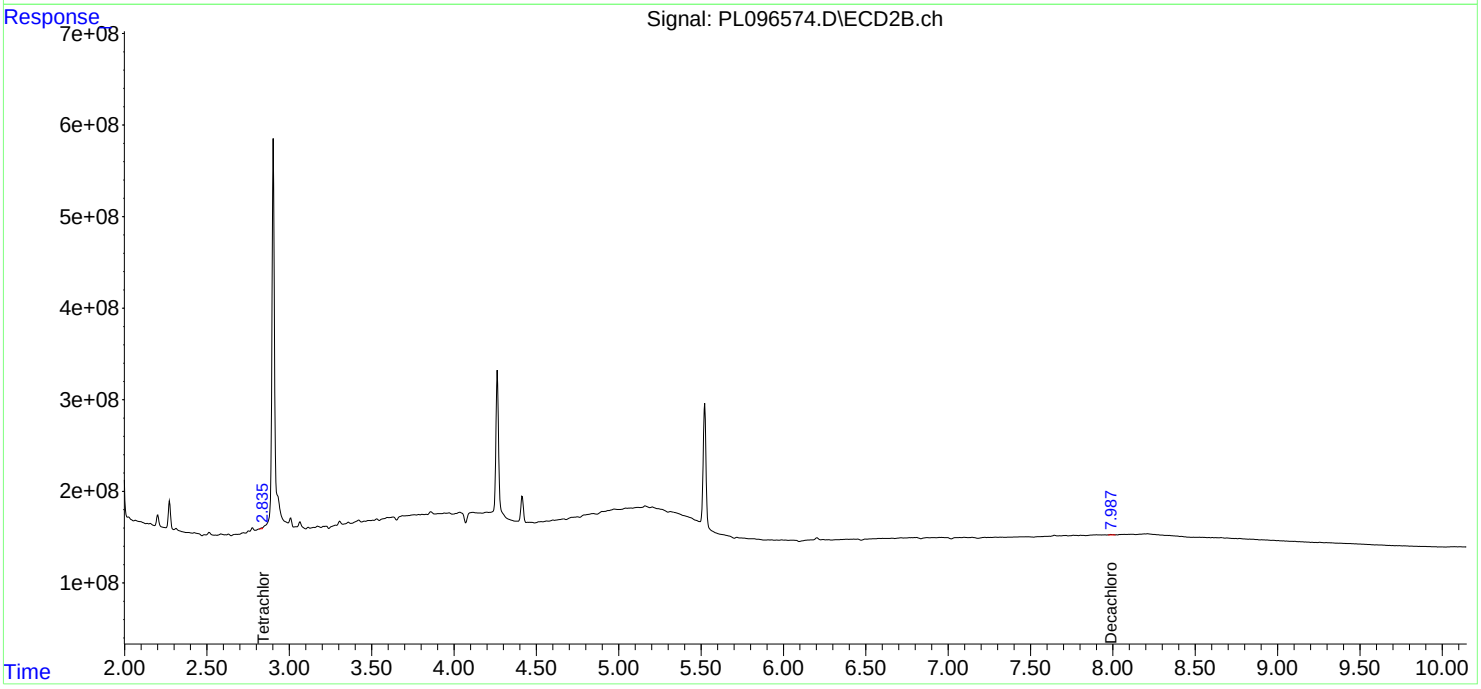
Manual Integrations APPROVED

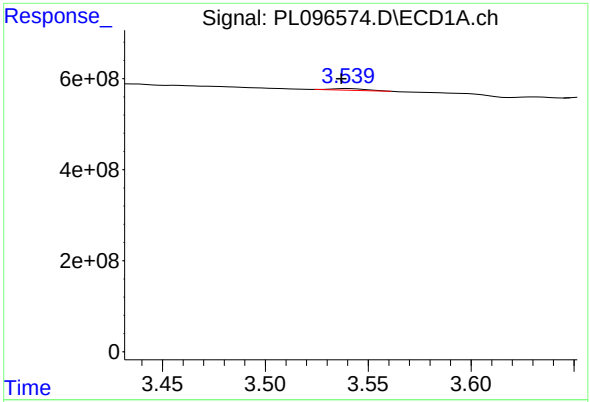
Reviewed By :Abdul Mirza 07/28/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:38:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







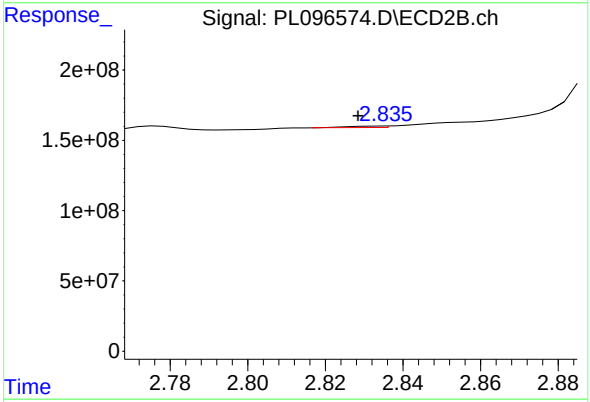
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.002 min
Response: 42626294
Conc: 11.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC0627-OXL

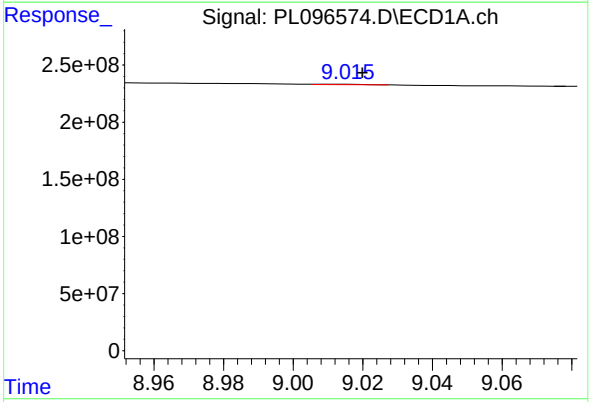
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/28/2025
Supervised By :mohammad ahmed 07/29/2025



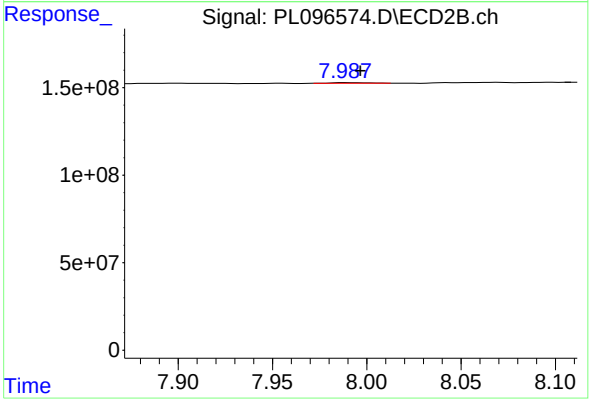
#1 Tetrachloro-m-xylene

R.T.: 2.835 min
Delta R.T.: 0.007 min
Response: 7477504
Conc: 1.30 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: -0.005 min
Response: 2802818
Conc: 1.00 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: -0.009 min
Response: 5484497
Conc: 1.10 ng/ml m

Raw Data: **PD089670.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-CLOXAL	SDG No.:	Q2481
Lab Sample ID:	Q2481-19	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089670.D	10	07/23/25 12:15	07/29/25 15:16	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	3.70	U	3.70	50.0	ug/L
76-44-8	Heptachlor	2.70	U	2.70	50.0	ug/L
1024-57-3	Heptachlor epoxide	9.60	U	9.60	50.0	ug/L
72-20-8	Endrin	3.20	U	3.20	50.0	ug/L
72-43-5	Methoxychlor	11.0	U	11.0	50.0	ug/L
8001-35-2	Toxaphene	170	U	170	1000	ug/L
57-74-9	Chlordane	88.0	U	88.0	500	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.2		57 - 171	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16400	*	61 - 148	82241%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PD089670.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 15:16
Operator : AR\AJ
Sample : Q2481-19 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
CC0627-CLOXAL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:48:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.588f	2.871	4739.3E6	537.8E6	1644.808m	27.487m#
28)	SA Decachlor...	9.071	8.065	6227390	24041220	1.516m	0.979m#
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 15:16
Operator : AR\AJ
Sample : Q2481-19 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

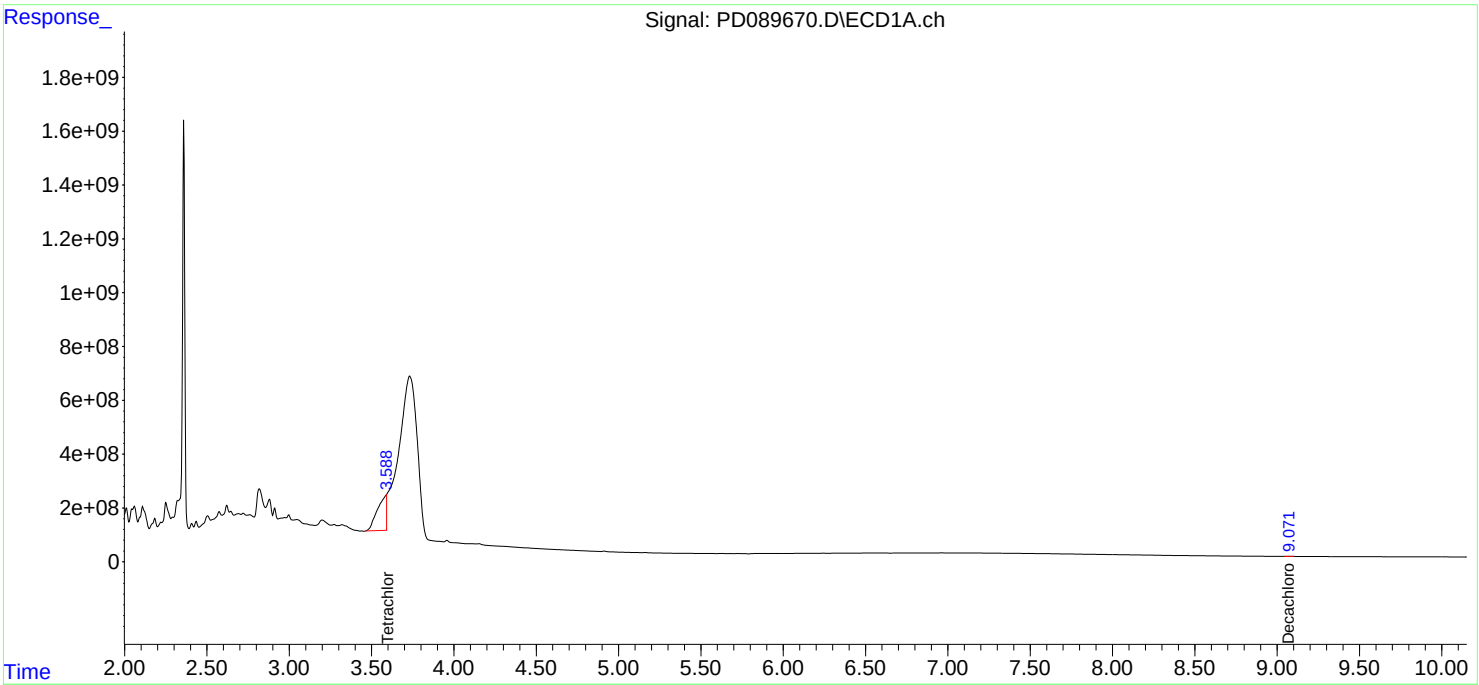
Instrument :
ECD_D
ClientSampleId :
CC0627-CLOXAL

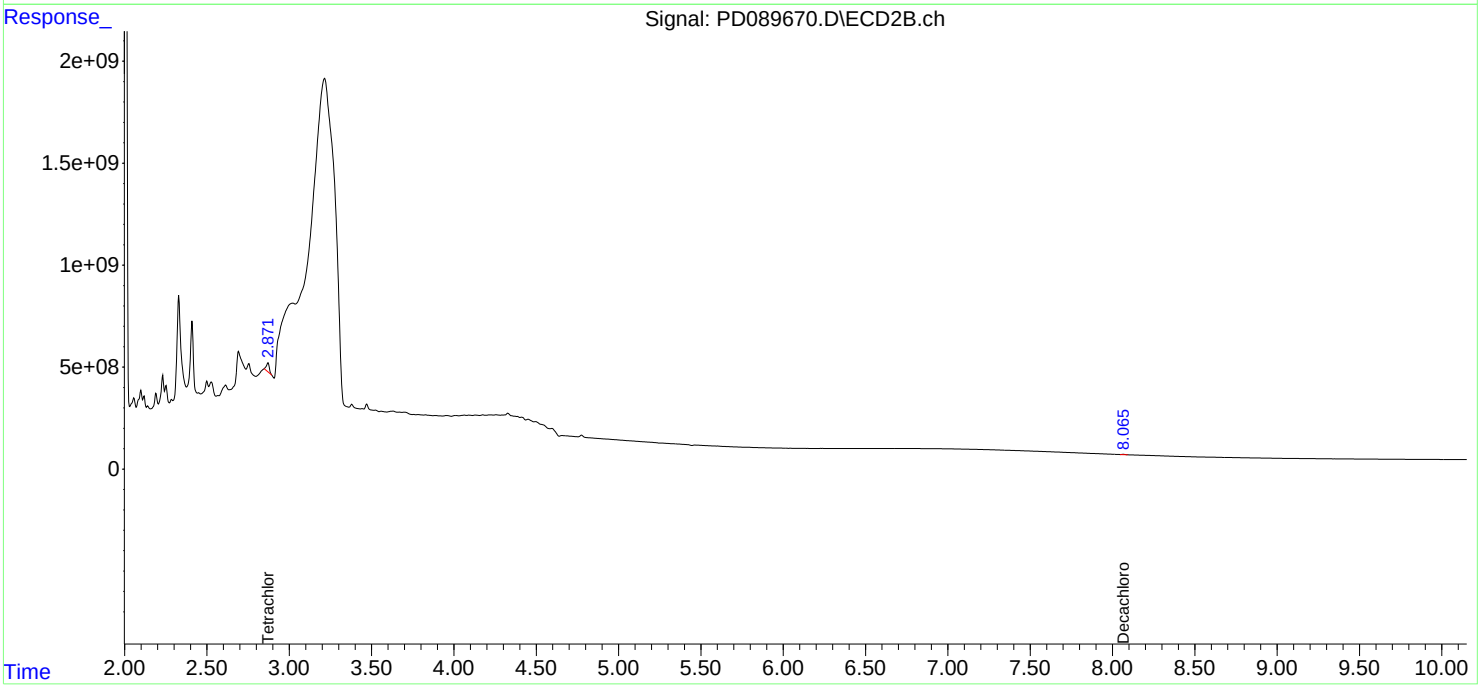
Manual Integrations APPROVED

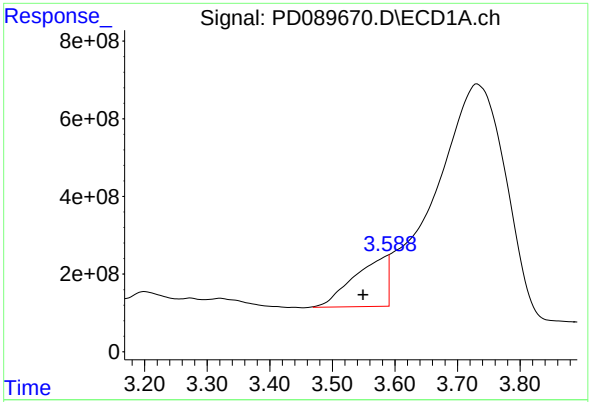
Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:48:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







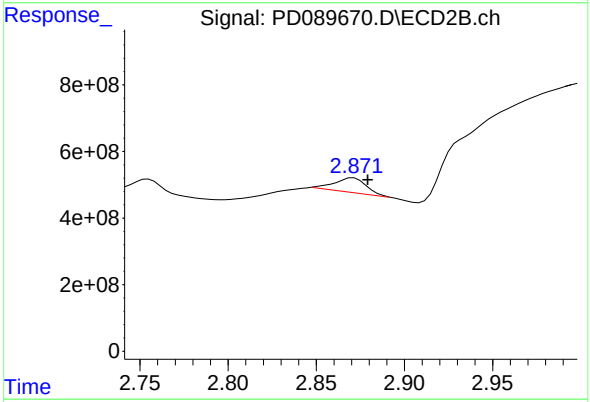
#1 Tetrachloro-m-xylene

R.T.: 3.588 min
Delta R.T.: 0.039 min
Response: 4739292055
Conc: 1644.81 ng/m

Instrument :
ECD_D
ClientSampleId :
CC0627-CLOXAL

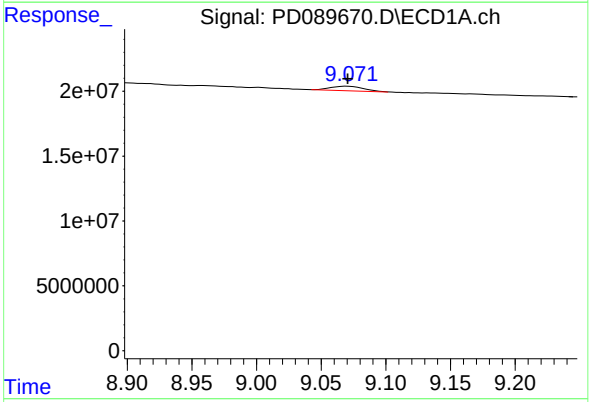
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025



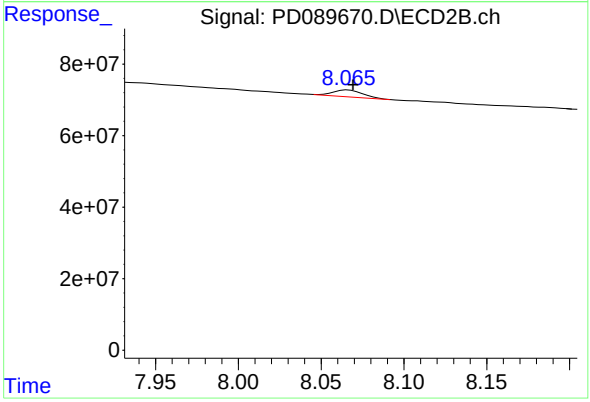
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.008 min
Response: 537807075
Conc: 27.49 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 6227390
Conc: 1.52 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.004 min
Response: 24041220
Conc: 0.98 ng/ml m

Raw Data: **PL096575.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-BL	SDG No.:	Q2481
Lab Sample ID:	Q2481-20	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096575.D	10	07/23/25 12:15	07/24/25 21:07	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	3.70	U	3.70	50.0	ug/L
76-44-8	Heptachlor	2.70	U	2.70	50.0	ug/L
1024-57-3	Heptachlor epoxide	9.60	U	9.60	50.0	ug/L
72-20-8	Endrin	3.20	U	3.20	50.0	ug/L
72-43-5	Methoxychlor	11.0	U	11.0	50.0	ug/L
8001-35-2	Toxaphene	170	U	170	1000	ug/L
57-74-9	Chlordane	88.0	U	88.0	500	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.2		57 - 171	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	115	*	61 - 148	573%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096575.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 21:07
Operator : AR\AJ
Sample : Q2481-20 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CC0627-BL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:39:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.548	2.827	41786721	8093091	11.452m	1.402m#
28)	SA Decachlor...	9.017	7.993	6241342	5904759	2.219m	1.184 #
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL096575.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 21:07
Operator : AR\AJ
Sample : Q2481-20 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

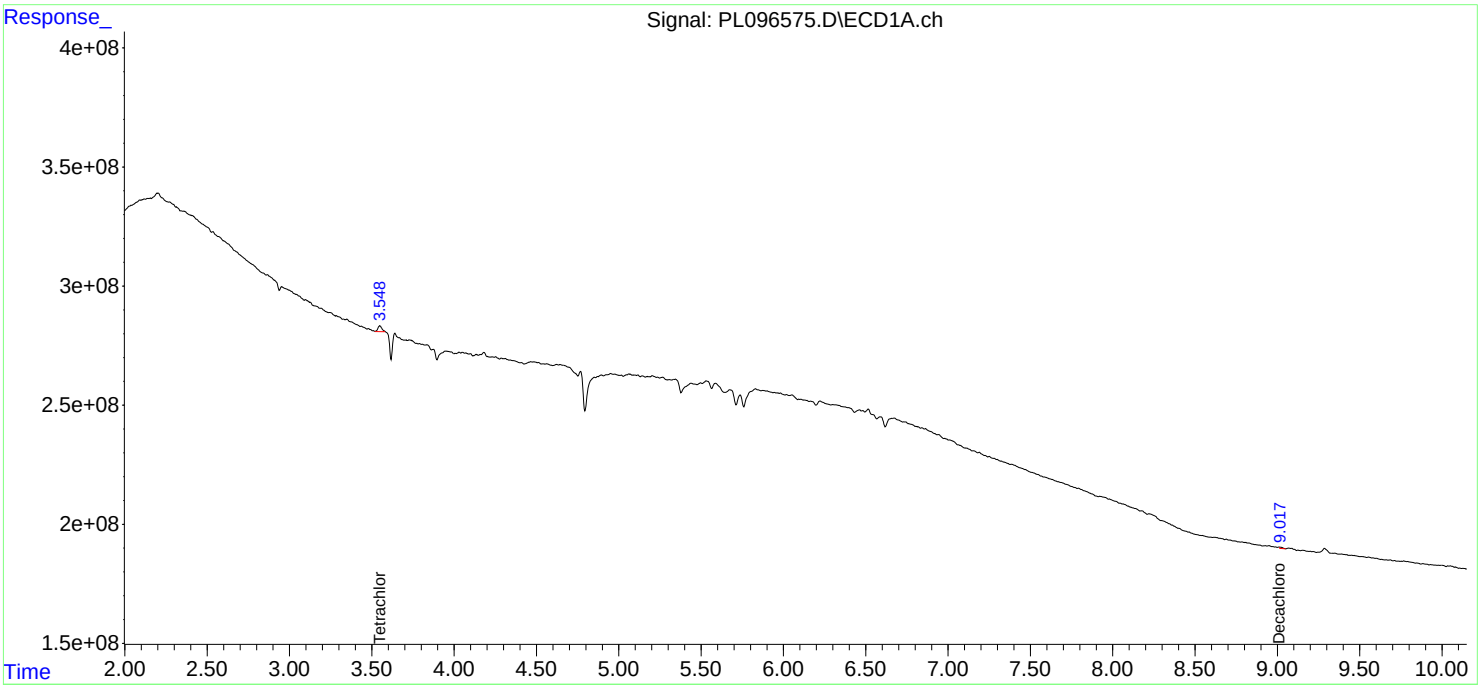
Instrument :
ECD_L
ClientSampleId :
CC0627-BL

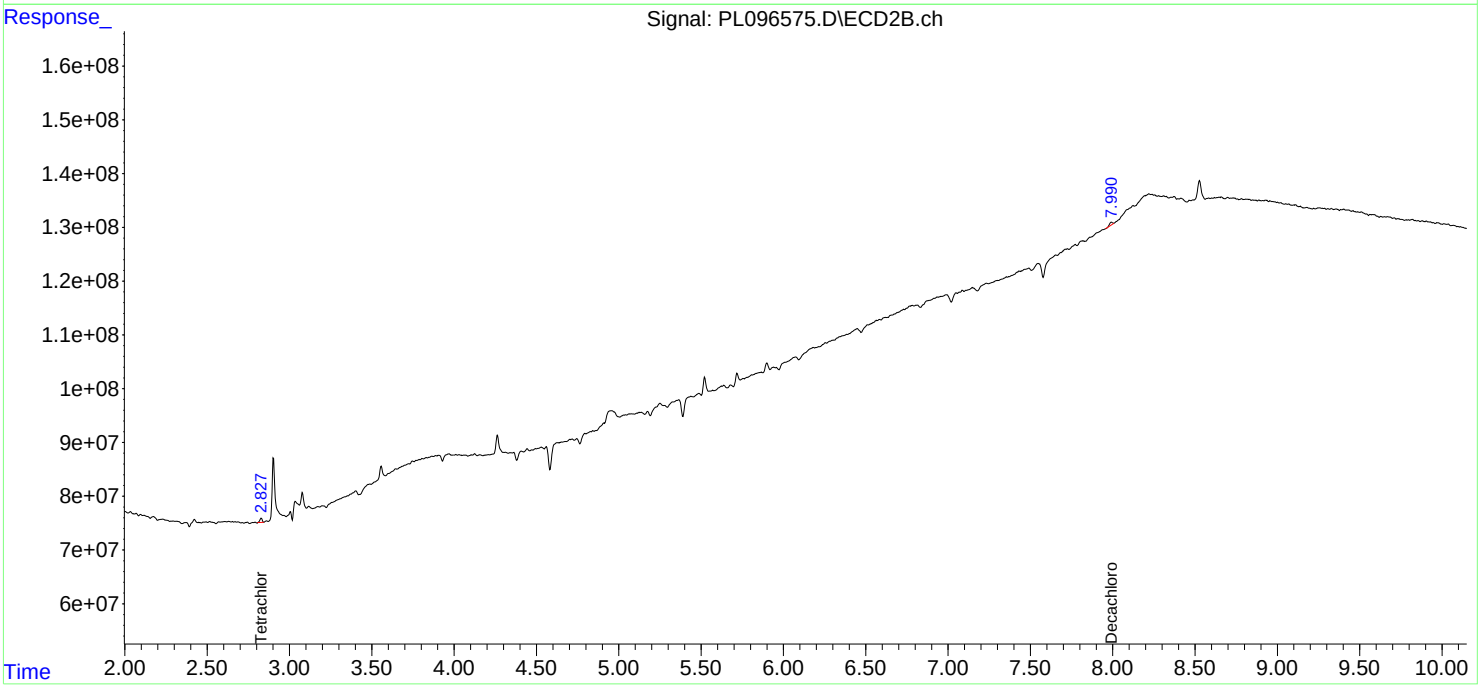
Manual Integrations APPROVED

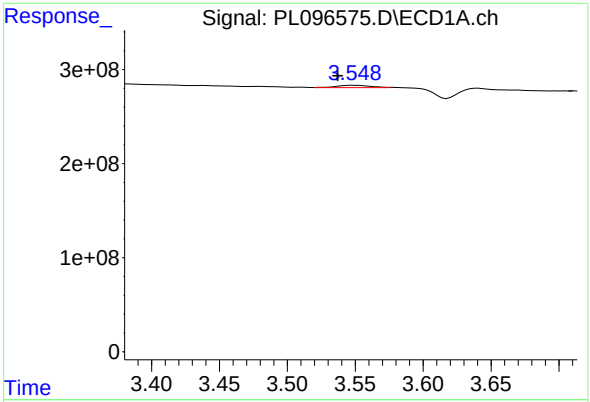
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:39:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm







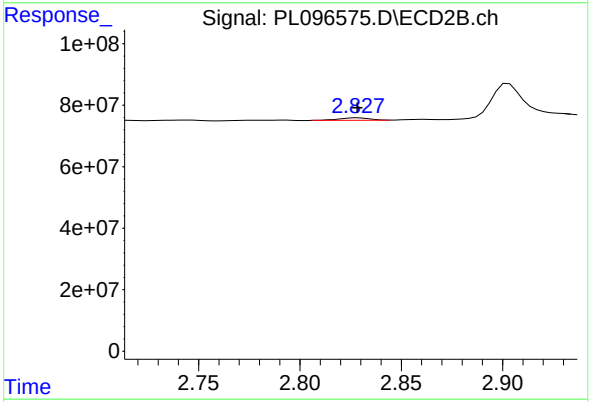
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.011 min
Response: 41786721
Conc: 11.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
CC0627-BL

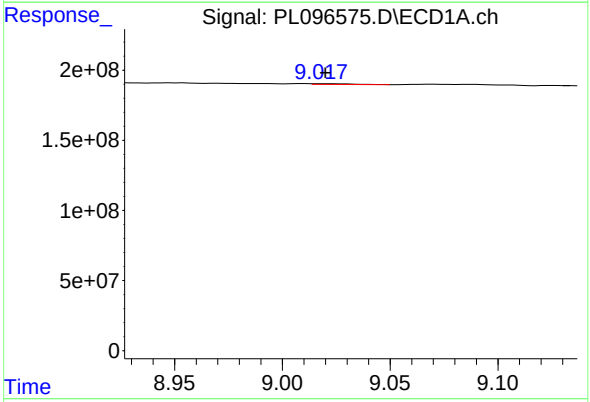
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



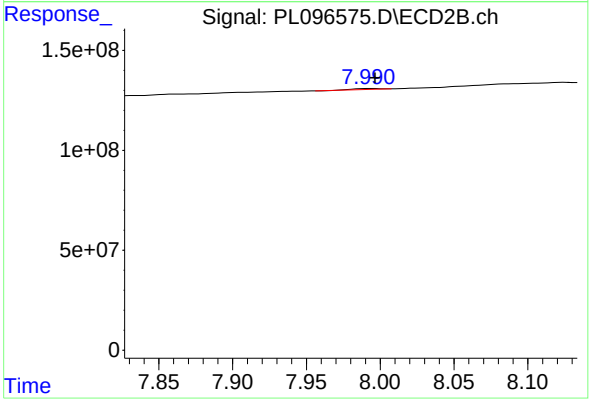
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 8093091
Conc: 1.40 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 6241342
Conc: 2.22 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 5904759
Conc: 1.18 ng/ml

Raw Data: **PD089671.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	06/27/25
Project:	CC2-16 Analytical	Date Received:	06/27/25
Client Sample ID:	CC0627-SFBL	SDG No.:	Q2481
Lab Sample ID:	Q2481-21	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	10 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089671.D	1	07/23/25 12:15	07/29/25 15:43	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.37	U	0.37	5.00	ug/L
76-44-8	Heptachlor	0.27	U	0.27	5.00	ug/L
1024-57-3	Heptachlor epoxide	0.96	U	0.96	5.00	ug/L
72-20-8	Endrin	0.32	U	0.32	5.00	ug/L
72-43-5	Methoxychlor	1.10	U	1.10	5.00	ug/L
8001-35-2	Toxaphene	17.0	U	17.0	100	ug/L
57-74-9	Chlordane	8.80	U	8.80	50.0	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.7		57 - 171	73%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.3		61 - 148	71%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PD089671.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 15:43
Operator : AR\AJ
Sample : Q2481-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
CC0627-SFBL

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.550	2.879	41138704	274.5E6	14.278	14.028m
28)	SA Decachlor...	9.072	8.069	60318214	284.8E6	14.687	11.593
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PD089671.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 15:43
Operator : AR\AJ
Sample : Q2481-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

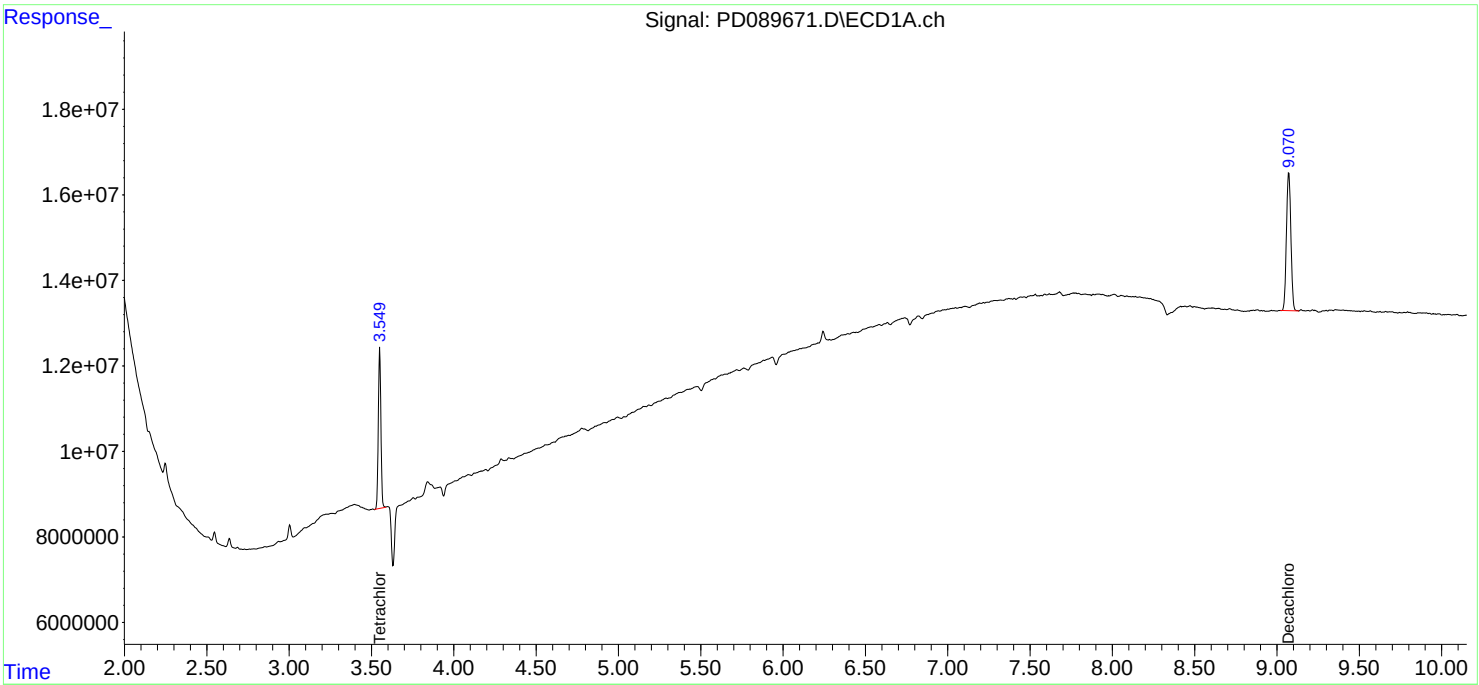
Instrument :
ECD_D
ClientSampleId :
CC0627-SFBL

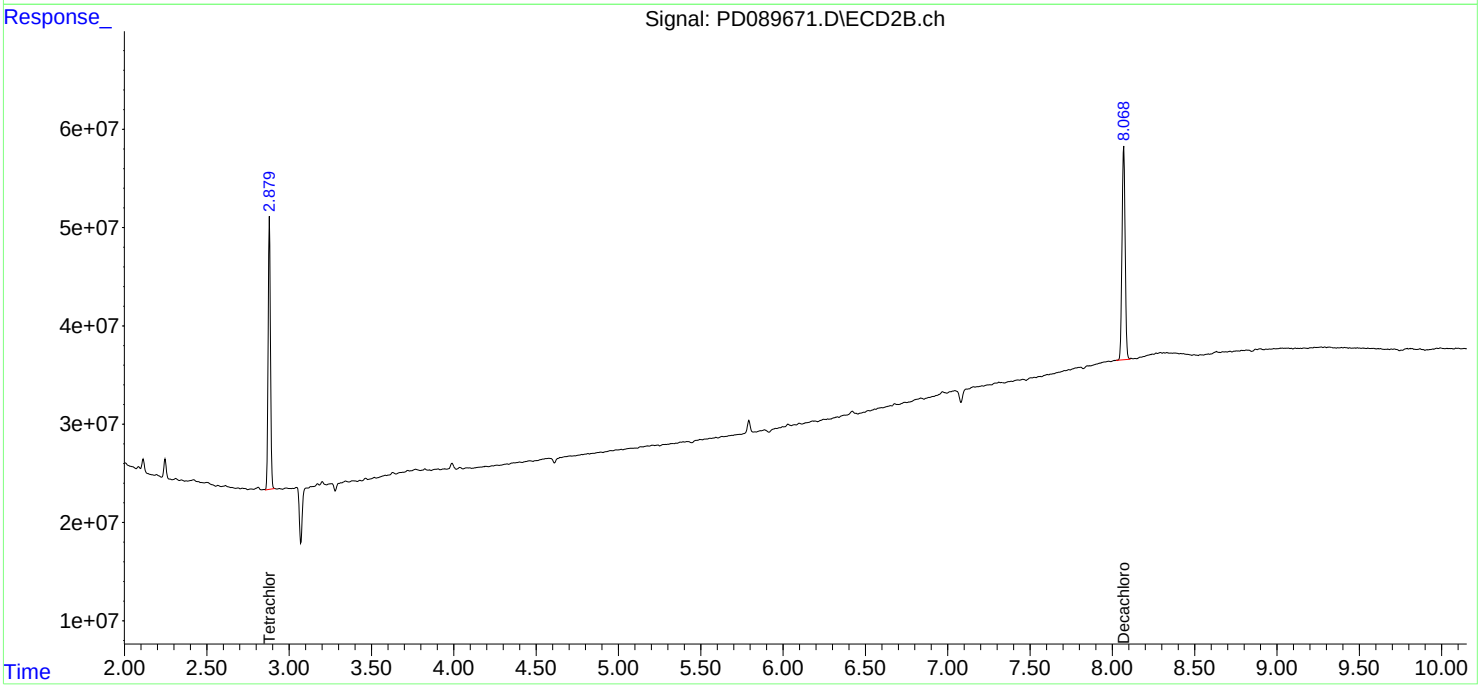
Manual Integrations APPROVED

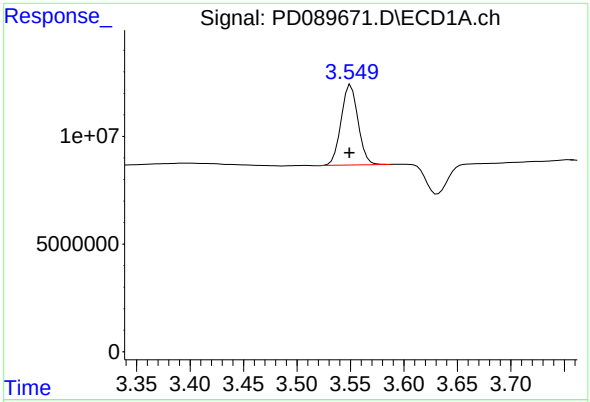
Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm







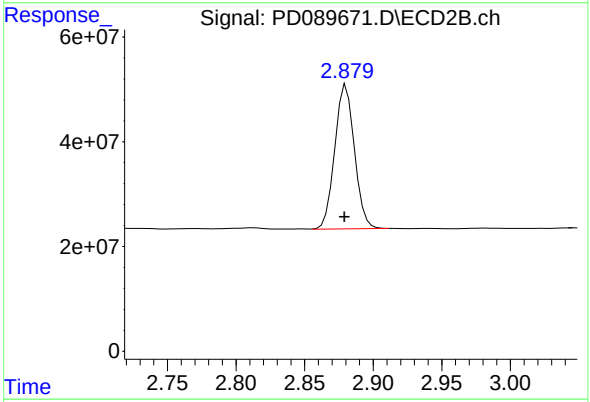
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.001 min
Response: 41138704
Conc: 14.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
CC0627-SFBL

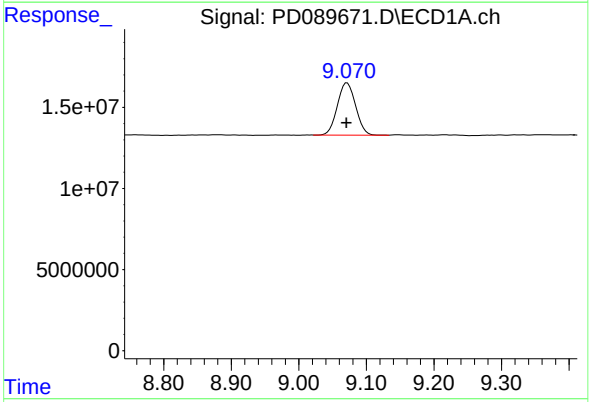
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025



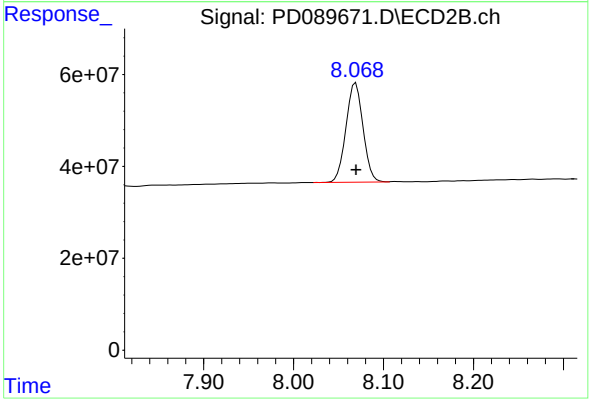
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.000 min
Response: 274473725
Conc: 14.03 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 60318214
Conc: 14.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 284826423
Conc: 11.59 ng/ml

CALIBRATION SUMMARY

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: ENVI60
SDG NO.: Q2481
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 12:49 13:44

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD089540.D RT 075 = PD089541.D
RT 050 = PD089542.D RT 025 = PD089543.D RT 005 = PD089544.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
Heptachlor	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Heptachlor epoxide	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.55	3.55	3.55	3.55	3.55	3.55	3.45	3.65

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG NO.: Q2481
Instrument ID: ECD_D
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 12:49 13:44

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD089540.D RT 075 = PD089541.D
RT 050 = PD089542.D RT 025 = PD089543.D RT 005 = PD089544.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Endrin	5.79	5.79	5.79	5.79	5.79	5.79	5.69	5.89
gamma-BHC (Lindane)	3.73	3.73	3.73	3.73	3.73	3.73	3.63	3.83
Heptachlor	4.08	4.08	4.08	4.08	4.08	4.08	3.98	4.18
Heptachlor epoxide	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Methoxychlor	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Tetrachloro-m-xylene	2.88	2.88	2.88	2.88	2.88	2.88	2.78	2.98

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Instrument ID: ECD_D **Calibration Date(s):** 07/21/2025 07/21/2025

Calibration Times: 12:49 13:44

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD089540.D **CF 075 =** PD089541.D

CF 050 = PD089542.D **CF 025 =** PD089543.D **CF 005 =** PD089544.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	3778830000	3726250000	3920080000	4172650000	4937350000	4107030000	12
Endrin	4220470000	3970910000	4009040000	3935340000	4227020000	4072560000	3
gamma-BHC (Lindane)	5831570000	5501940000	5515460000	5260670000	5477580000	5517450000	4
Heptachlor	5683730000	5375760000	5408440000	5254920000	5546500000	5453870000	3
Heptachlor epoxide	4774830000	4538910000	4623950000	4578050000	5102280000	4723600000	5
Methoxychlor	1928970000	1871790000	1948840000	2024640000	2250230000	2004890000	7
Tetrachloro-m-xylene	2861200000	2751560000	2837820000	2840900000	3115350000	2881370000	5

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ENVI60
SDG NO.: Q2481
Calibration Date(s): 07/21/2025 07/21/2025
Calibration Times: 12:49 13:44

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PD089540.D **CF 075 =** PD089541.D
CF 050 = PD089542.D **CF 025 =** PD089543.D **CF 005 =** PD089544.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	22483400000	22341200000	23337400000	24766100000	29913700000	24568400000	13
Endrin	22221400000	22119900000	23268200000	24542100000	28755900000	24181500000	11
gamma-BHC (Lindane)	26417200000	26004200000	27090700000	27637900000	31661500000	27762300000	8
Heptachlor	26144800000	25924100000	27192000000	28328900000	32502000000	28018400000	10
Heptachlor epoxide	22879600000	22776700000	24015400000	25146900000	29489500000	24861600000	11
Methoxychlor	10964900000	11074700000	11733900000	12584100000	14602000000	12191900000	12
Tetrachloro-m-xylene	18220100000	18058900000	18987900000	19622400000	22941400000	19566100000	10

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Instrument ID: ECD_D **Date(s) Analyzed:** 07/21/2025 07/21/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.71	4.61	4.81	191519000
		2	5.24	5.14	5.34	193401000
		3	5.94	5.84	6.04	769469000
		4	6.03	5.93	6.13	928843000
		5	6.87	6.77	6.97	162546000
Toxaphene	500	1	6.24	6.14	6.34	38650400
		2	6.44	6.34	6.54	53066200
		3	7.15	7.05	7.25	100896000
		4	7.56	7.46	7.66	131991000
		5	7.93	7.83	8.03	73924900

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Instrument ID: ECD_D **Date(s) Analyzed:** 07/21/2025 07/21/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.90	3.80	4.00	903874000
		2	4.49	4.39	4.59	942438000
		3	5.12	5.02	5.22	2774580000
		4	5.19	5.09	5.29	2332570000
		5	6.09	5.99	6.19	1137290000
Toxaphene	500	1	5.47	5.37	5.57	200100000
		2	5.64	5.54	5.74	130237000
		3	6.75	6.65	6.85	667274000
		4	7.20	7.10	7.30	456670000
		5	7.33	7.23	7.43	342929000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089540.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:49
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:51:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 03:49:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.548	2.879	286.1E6	1822.0E6	100.824	95.957
28)	SA Decachlor...	9.071	8.069	377.9E6	2248.3E6	96.397	96.340
	Target Compounds						
2)	A alpha-BHC	3.998	3.391	621.1E6	2863.1E6	107.204	97.620
3)	MA gamma-BHC...	4.329	3.728	583.2E6	2641.7E6	105.731	97.514
4)	MA Heptachlor	4.928	4.081	568.4E6	2614.5E6	105.090	96.149
5)	MB Aldrin	5.269	4.367	547.4E6	2582.6E6	105.236	96.867
6)	B beta-BHC	4.514	4.023	210.4E6	1102.0E6	100.009	95.549
7)	B delta-BHC	4.763	4.260	570.3E6	2655.7E6	106.928	97.438
8)	B Heptachlo...	5.689	4.870	477.5E6	2288.0E6	103.263	95.271
9)	A Endosulfan I	6.072	5.244	448.0E6	2170.3E6	102.936	94.804
10)	B gamma-Chl...	5.944	5.122	488.9E6	2511.9E6	104.899	97.317
11)	B alpha-Chl...	6.025	5.187	484.8E6	2408.3E6	104.092	96.895
12)	B 4,4'-DDE	6.194	5.372	452.2E6	2456.9E6	106.608	97.031
13)	MA Dieldrin	6.345	5.510	489.5E6	2451.3E6	104.764	95.953
14)	MA Endrin	6.572	5.786	422.0E6	2222.1E6	105.274	95.501
15)	B Endosulfa...	6.784	6.078	404.4E6	2110.5E6	102.619	95.631
16)	A 4,4'-DDD	6.704	5.927	354.7E6	2047.8E6	106.260	97.090
17)	MA 4,4'-DDT	7.019	6.181	393.0E6	2231.7E6	105.295	97.598
18)	B Endrin al...	6.914	6.256	282.8E6	1503.1E6	100.689	95.255
19)	B Endosulfa...	7.148	6.480	374.5E6	2034.3E6	102.099	95.749
20)	A Methoxychlor	7.492	6.751	192.9E6	1096.5E6	98.980	93.446
21)	B Endrin ke...	7.628	6.989	402.3E6	2229.2E6	102.174	95.161
22)	Mirex	8.111	7.182	284.7E6	1748.4E6	97.312	95.300

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

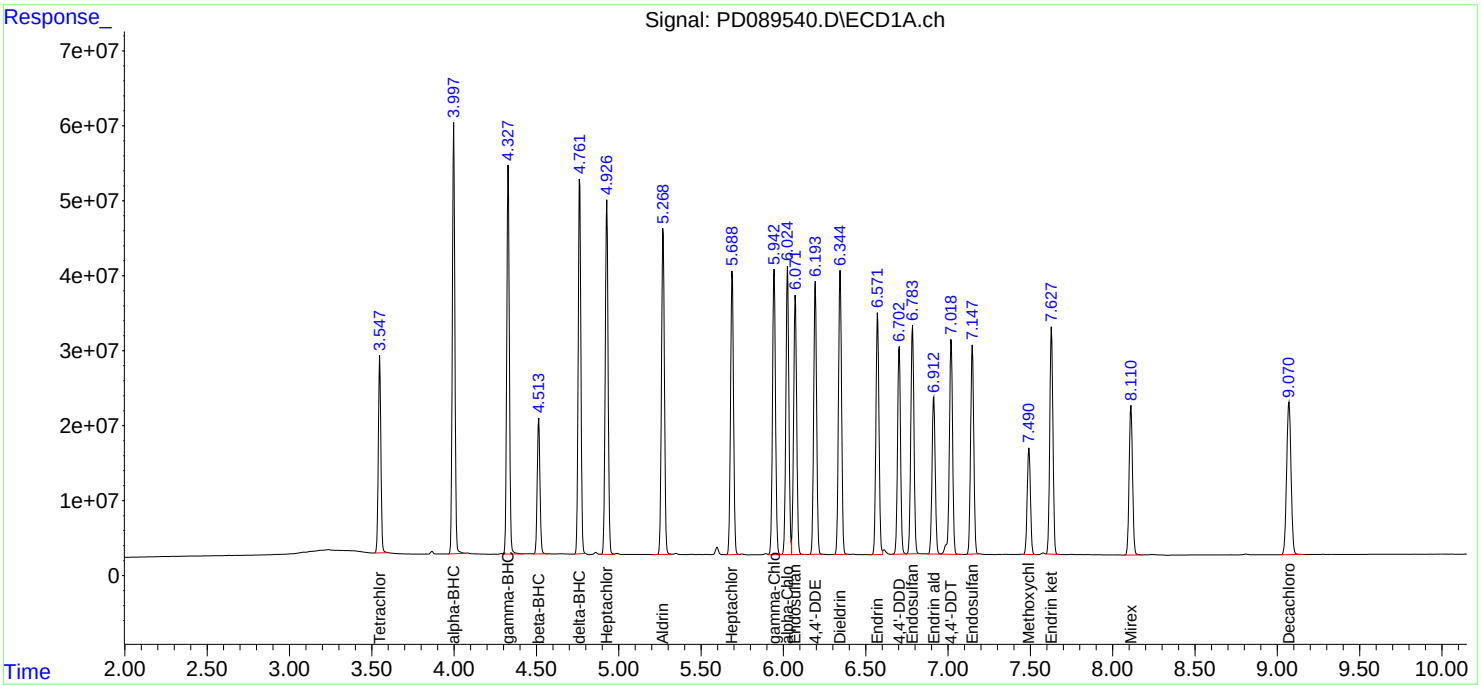
ICAL Form

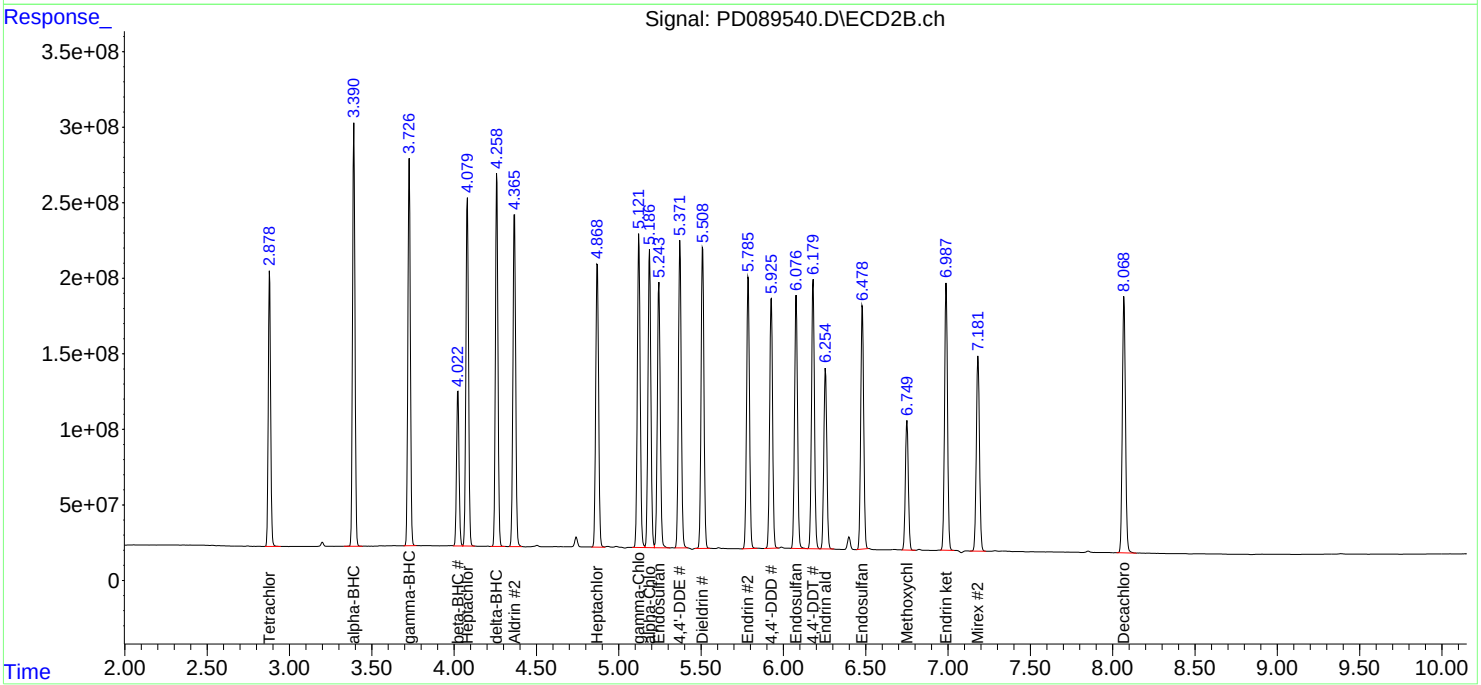
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089540.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:49
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:51:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 03:49:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089541.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:03
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:51:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 03:49:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.548	2.879	206.4E6	1354.4E6	72.720	71.331
28) SA	Decachlor...	9.071	8.069	279.5E6	1675.6E6	71.292	71.798
	Target Compounds						
2) A	alpha-BHC	3.997	3.391	437.3E6	2110.2E6	75.475	71.950
3) MA	gamma-BHC...	4.328	3.727	412.6E6	1950.3E6	74.816	71.992
4) MA	Heptachlor	4.927	4.080	403.2E6	1944.3E6	74.547	71.503
5) MB	Aldrin	5.269	4.366	387.4E6	1906.2E6	74.476	71.498
6) B	beta-BHC	4.514	4.023	152.3E6	820.7E6	72.407	71.159
7) B	delta-BHC	4.762	4.260	401.4E6	1958.0E6	75.257	71.840
8) B	Heptachlo...	5.688	4.870	340.4E6	1708.3E6	73.621	71.132
9) A	Endosulfan I	6.073	5.244	320.4E6	1633.1E6	73.627	71.337
10) B	gamma-Chl...	5.944	5.123	348.9E6	1854.3E6	74.859	71.842
11) B	alpha-Chl...	6.025	5.187	345.4E6	1782.0E6	74.165	71.696
12) B	4,4'-DDE	6.194	5.372	318.6E6	1815.5E6	75.113	71.701
13) MA	Dieldrin	6.345	5.510	347.7E6	1819.6E6	74.411	71.224
14) MA	Endrin	6.573	5.786	297.8E6	1659.0E6	74.287	71.299
15) B	Endosulfa...	6.784	6.078	288.5E6	1575.3E6	73.207	71.379
16) A	4,4'-DDD	6.703	5.927	248.0E6	1519.2E6	74.302	72.029
17) MA	4,4'-DDT	7.020	6.180	278.1E6	1654.9E6	74.505	72.376
18) B	Endrin al...	6.913	6.256	204.9E6	1130.2E6	72.931	71.622
19) B	Endosulfa...	7.147	6.480	268.9E6	1532.2E6	73.309	72.116
20) A	Methoxychlor	7.492	6.751	140.4E6	830.6E6	72.035	70.787
21) B	Endrin ke...	7.629	6.988	289.4E6	1677.7E6	73.498	71.622
22)	Mirex	8.112	7.182	209.3E6	1307.5E6	71.545	71.270

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

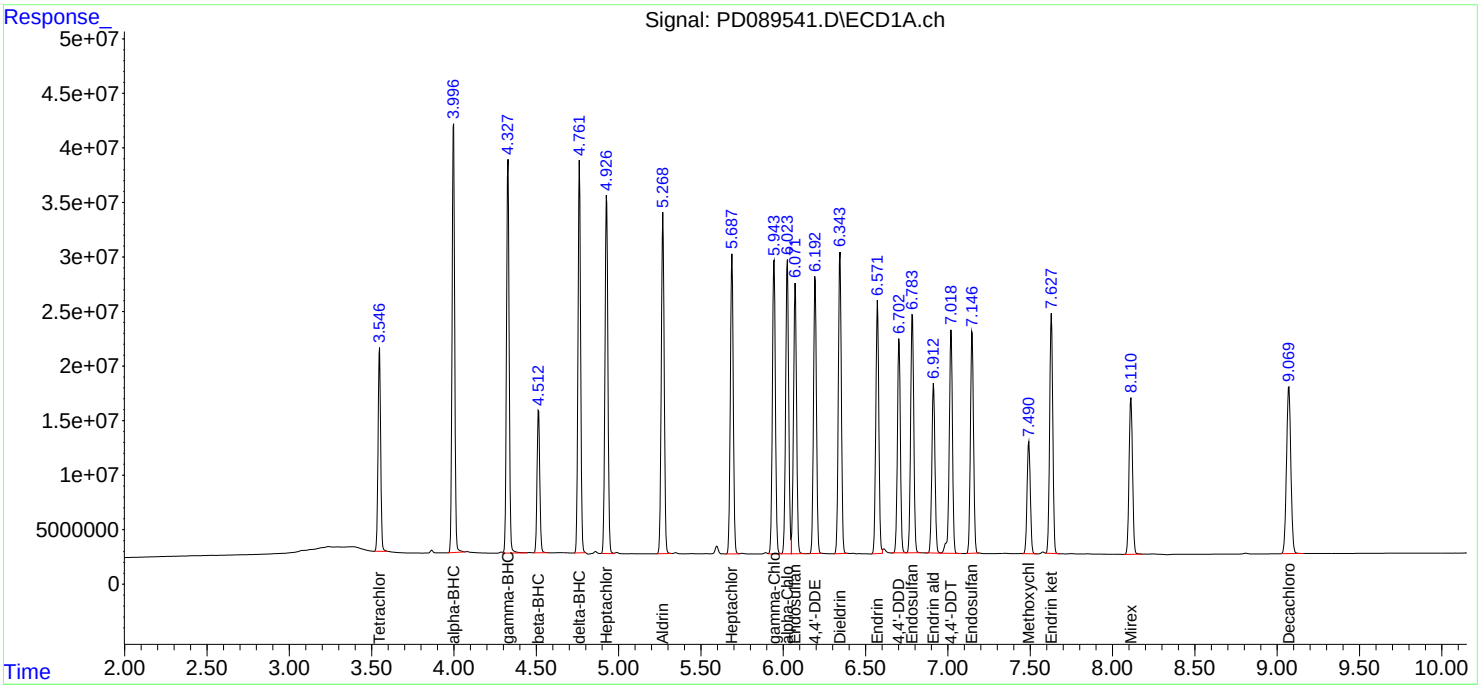
ICAL Form

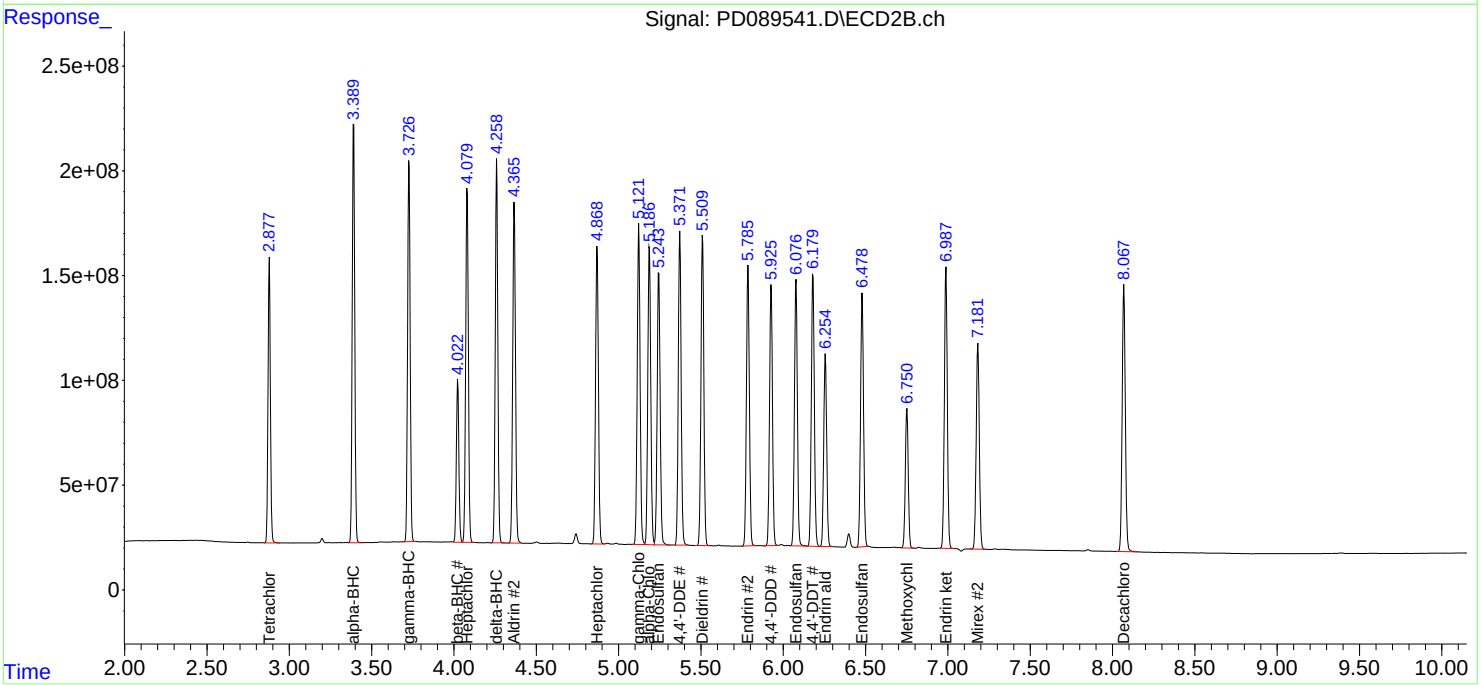
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089541.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:03
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:51:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 03:49:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:16
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:52:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 03:49:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.548	2.879	141.9E6	949.4E6	50.000	50.000
28) SA	Decachlor...	9.071	8.070	196.0E6	1166.9E6	50.000	50.000
	Target Compounds						
2) A	alpha-BHC	3.998	3.391	289.7E6	1466.5E6	50.000	50.000
3) MA	gamma-BHC...	4.328	3.727	275.8E6	1354.5E6	50.000	50.000
4) MA	Heptachlor	4.927	4.080	270.4E6	1359.6E6	50.000	50.000
5) MB	Aldrin	5.269	4.366	260.1E6	1333.0E6	50.000	50.000
6) B	beta-BHC	4.514	4.023	105.2E6	576.7E6	50.000	50.000
7) B	delta-BHC	4.763	4.260	266.7E6	1362.7E6	50.000	50.000
8) B	Heptachlo...	5.688	4.870	231.2E6	1200.8E6	50.000	50.000
9) A	Endosulfan I	6.072	5.244	217.6E6	1144.6E6	50.000	50.000
10) B	gamma-Chl...	5.944	5.123	233.0E6	1290.5E6	50.000	50.000
11) B	alpha-Chl...	6.024	5.187	232.9E6	1242.8E6	50.000	50.000
12) B	4,4'-DDE	6.194	5.372	212.1E6	1266.0E6	50.000	50.000
13) MA	Dieldrin	6.345	5.510	233.6E6	1277.4E6	50.000	50.000
14) MA	Endrin	6.572	5.787	200.5E6	1163.4E6	50.000	50.000
15) B	Endosulfa...	6.784	6.078	197.0E6	1103.5E6	50.000	50.000
16) A	4,4'-DDD	6.703	5.927	166.9E6	1054.6E6	50.000	50.000
17) MA	4,4'-DDT	7.019	6.181	186.6E6	1143.3E6	50.000	50.000
18) B	Endrin al...	6.913	6.256	140.5E6	789.0E6	50.000	50.000
19) B	Endosulfa...	7.147	6.479	183.4E6	1062.3E6	50.000	50.000
20) A	Methoxychlor	7.492	6.751	97441869	586.7E6	50.000	50.000
21) B	Endrin ke...	7.628	6.989	196.9E6	1171.2E6	50.000	50.000
22)	Mirex	8.112	7.183	146.3E6	917.3E6	50.000	50.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

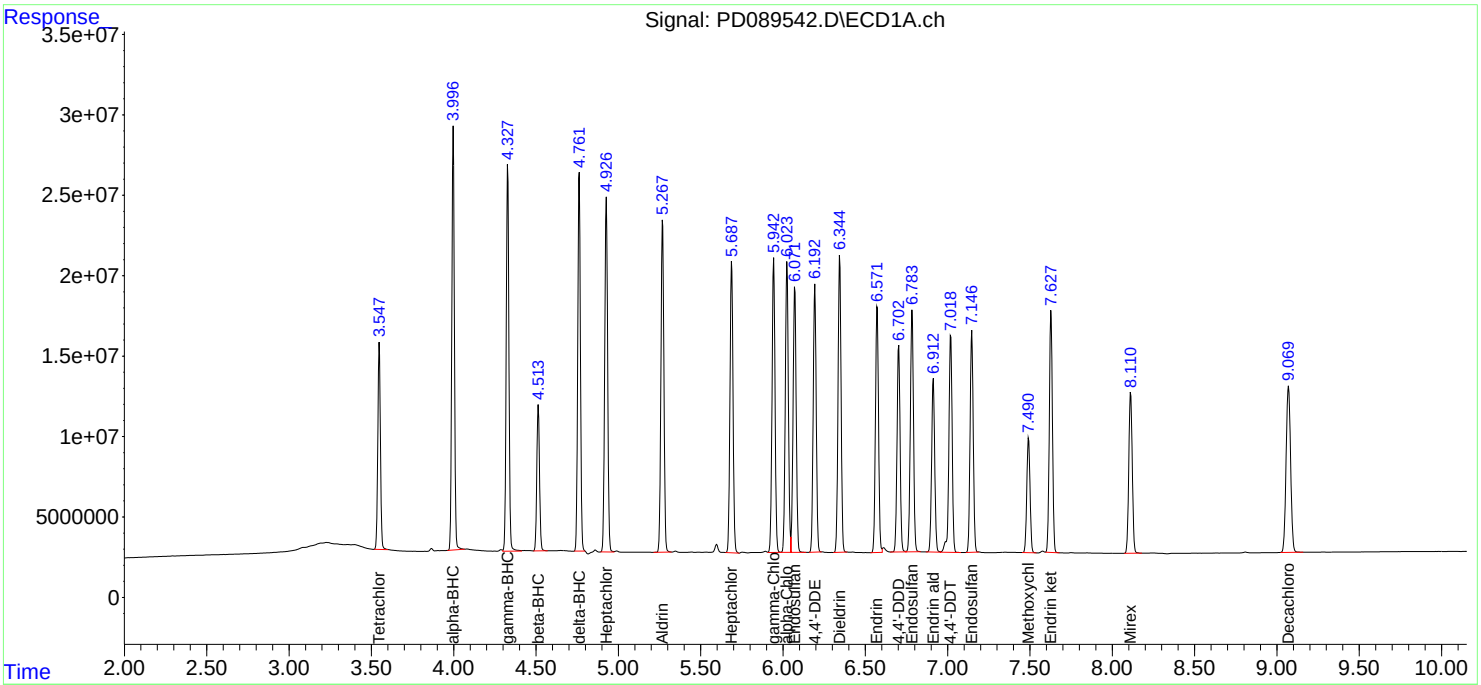
ICAL Form

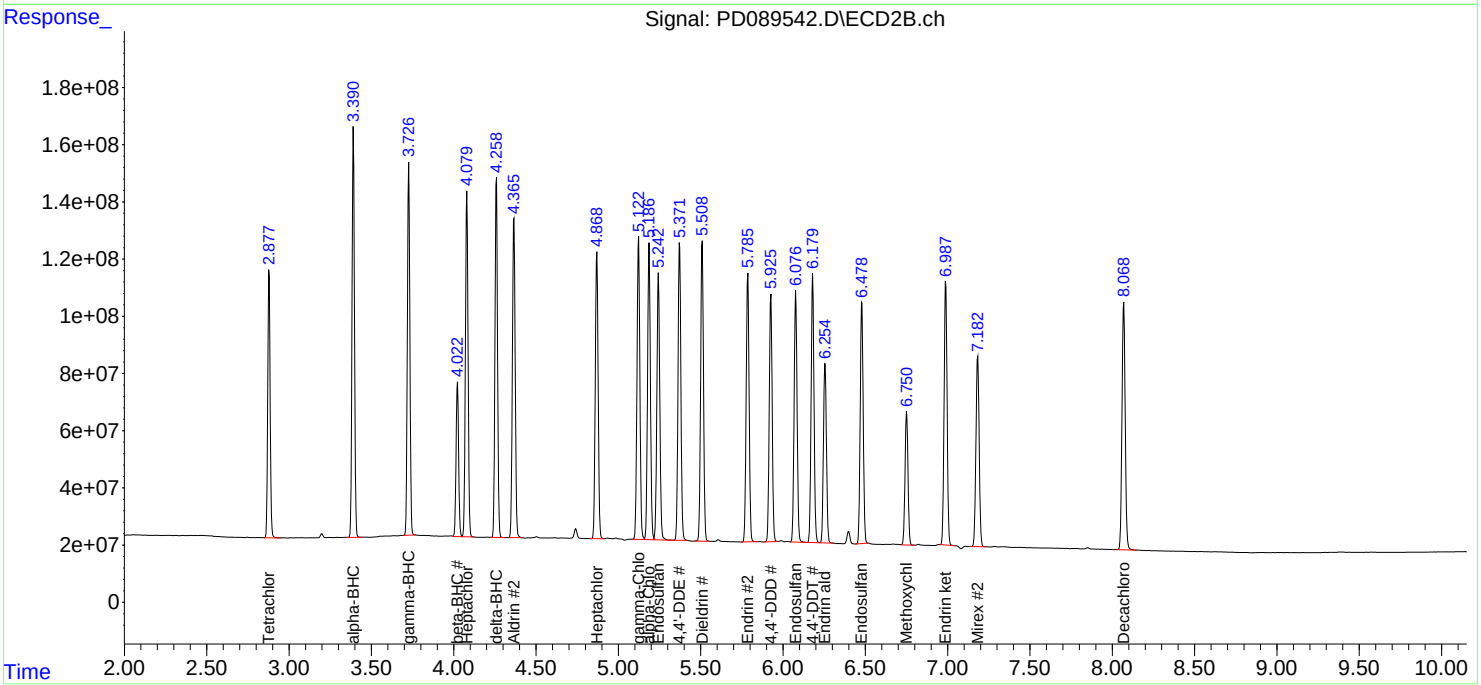
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:16
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:52:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 03:49:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089543.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:30
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:52:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 03:49:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.548	2.879	71022500	490.6E6	25.027	25.835
28)	SA Decachlor...	9.070	8.069	104.3E6	619.2E6	26.611	26.530
	Target Compounds						
2)	A alpha-BHC	3.997	3.391	135.8E6	746.9E6	23.443	25.468
3)	MA gamma-BHC...	4.328	3.727	131.5E6	690.9E6	23.845	25.505
4)	MA Heptachlor	4.927	4.080	131.4E6	708.2E6	24.290	26.045
5)	MB Aldrin	5.269	4.366	126.1E6	689.0E6	24.237	25.844
6)	B beta-BHC	4.514	4.024	53486113	300.9E6	25.423	26.088
7)	B delta-BHC	4.762	4.260	125.7E6	696.9E6	23.571	25.569
8)	B Heptachlo...	5.688	4.870	114.5E6	628.7E6	24.752	26.178
9)	A Endosulfan I	6.072	5.244	108.5E6	602.7E6	24.940	26.328
10)	B gamma-Chl...	5.944	5.123	114.8E6	671.4E6	24.628	26.012
11)	B alpha-Chl...	6.025	5.188	115.9E6	649.5E6	24.885	26.132
12)	B 4,4'-DDE	6.194	5.373	103.3E6	662.0E6	24.355	26.143
13)	MA Dieldrin	6.345	5.510	114.4E6	666.7E6	24.478	26.097
14)	MA Endrin	6.572	5.786	98383432	613.6E6	24.540	26.369
15)	B Endosulfa...	6.784	6.078	99251875	584.6E6	25.188	26.490
16)	A 4,4'-DDD	6.703	5.927	81853481	554.5E6	24.524	26.290
17)	MA 4,4'-DDT	7.019	6.181	91580250	595.0E6	24.534	26.021
18)	B Endrin al...	6.913	6.256	72479554	423.4E6	25.802	26.833
19)	B Endosulfa...	7.148	6.480	92984156	567.2E6	25.351	26.695
20)	A Methoxychlor	7.491	6.752	50616003	314.6E6	25.972	26.811
21)	B Endrin ke...	7.628	6.989	99228164	628.1E6	25.204	26.812
22)	Mirex	8.112	7.183	77743035	496.1E6	26.571	27.042

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

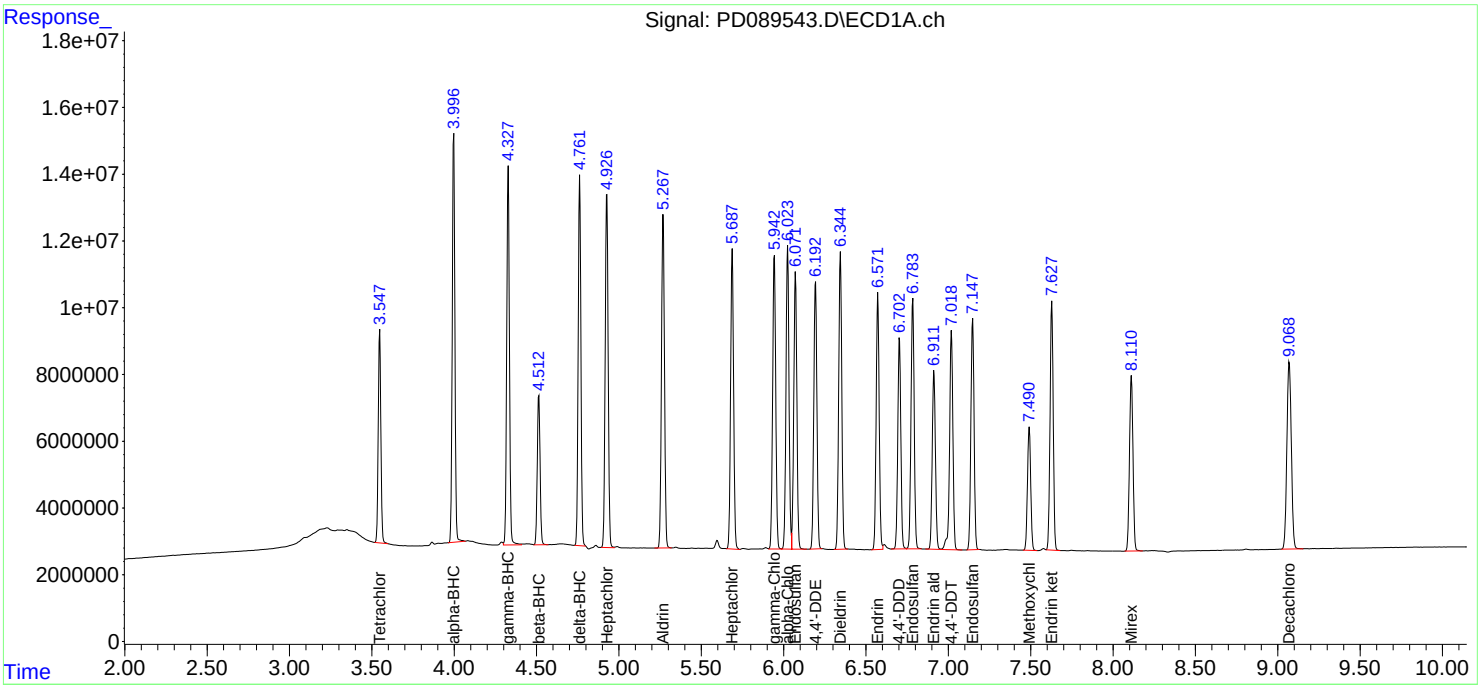
ICAL Form

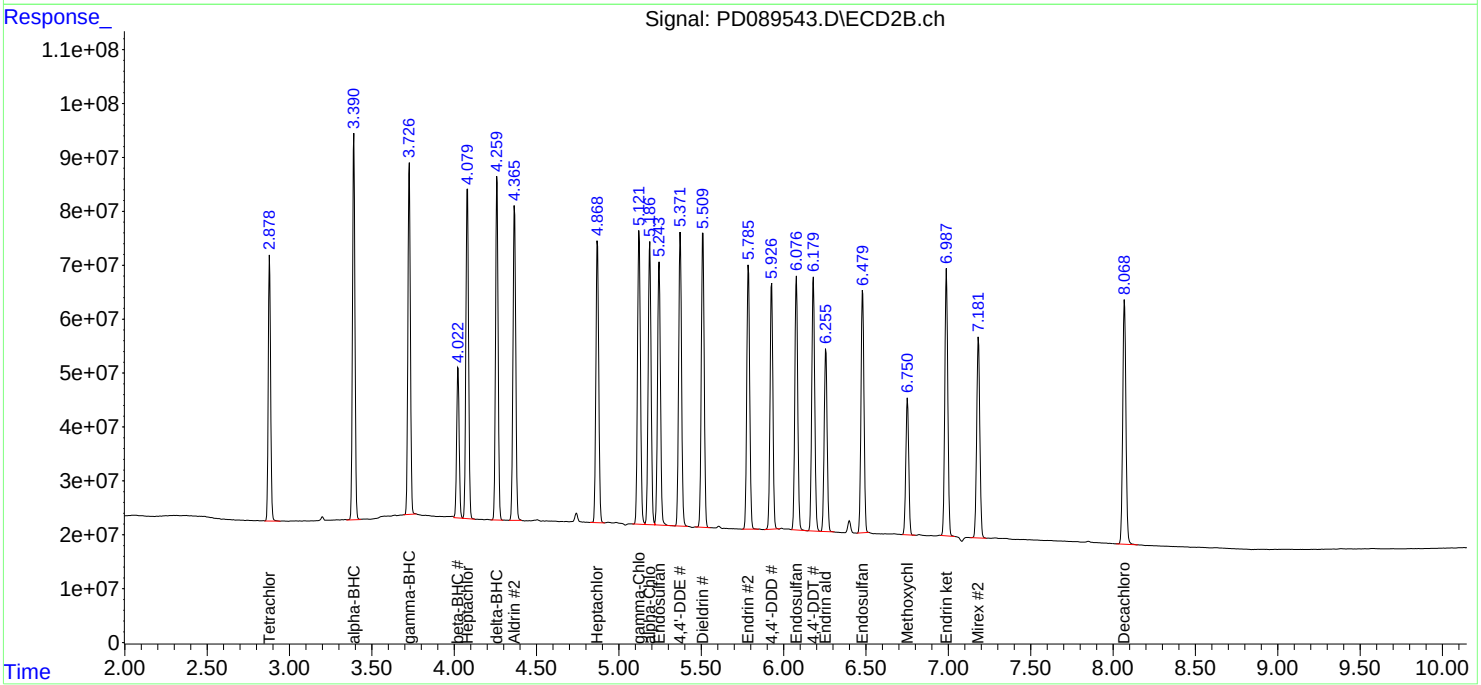
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089543.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:30
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:52:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 03:49:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089544.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:44
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:53:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 03:49:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.549	2.879	15576738	114.7E6	5.489	6.041
28)	SA Decachlor...	9.071	8.069	24686736	149.6E6	6.298	6.409
	Target Compounds						
2)	A alpha-BHC	3.997	3.391	26401682	171.2E6	4.557	5.839 #
3)	MA gamma-BHC...	4.328	3.727	27387909	158.3E6	4.966	5.844
4)	MA Heptachlor	4.927	4.080	27732521	162.5E6	5.128	5.976
5)	MB Aldrin	5.269	4.366	26401339	157.3E6	5.075	5.902
6)	B beta-BHC	4.514	4.023	12011392	69903317	5.709	6.061
7)	B delta-BHC	4.762	4.259	25049162	158.4E6	4.697	5.813
8)	B Heptachlo...	5.689	4.870	25511397	147.4E6	5.517	6.140
9)	A Endosulfan I	6.073	5.244	23911772	141.3E6	5.494	6.170
10)	B gamma-Chl...	5.944	5.123	24569237	156.3E6	5.272	6.055
11)	B alpha-Chl...	6.025	5.187	25436019	151.4E6	5.462	6.092
12)	B 4,4'-DDE	6.194	5.373	21620216	153.5E6	5.097	6.063
13)	MA Dieldrin	6.345	5.510	24125303	155.7E6	5.163	6.095
14)	MA Endrin	6.573	5.787	21135120	143.8E6	5.272	6.179
15)	B Endosulfa...	6.784	6.078	22721865	136.4E6	5.766	6.180
16)	A 4,4'-DDD	6.703	5.927	17392137	128.0E6	5.211	6.070
17)	MA 4,4'-DDT	7.020	6.181	19151396	129.9E6	5.131	5.683
18)	B Endrin al...	6.914	6.256	16549138	100.9E6	5.891	6.391
19)	B Endosulfa...	7.148	6.480	20767401	131.4E6	5.662	6.186
20)	A Methoxychlor	7.492	6.752	11251140	73009900	5.773	6.222
21)	B Endrin ke...	7.628	6.989	21671222	146.2E6	5.504	6.240
22)	Mirex	8.112	7.183	18534934	117.7E6	6.335	6.415

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

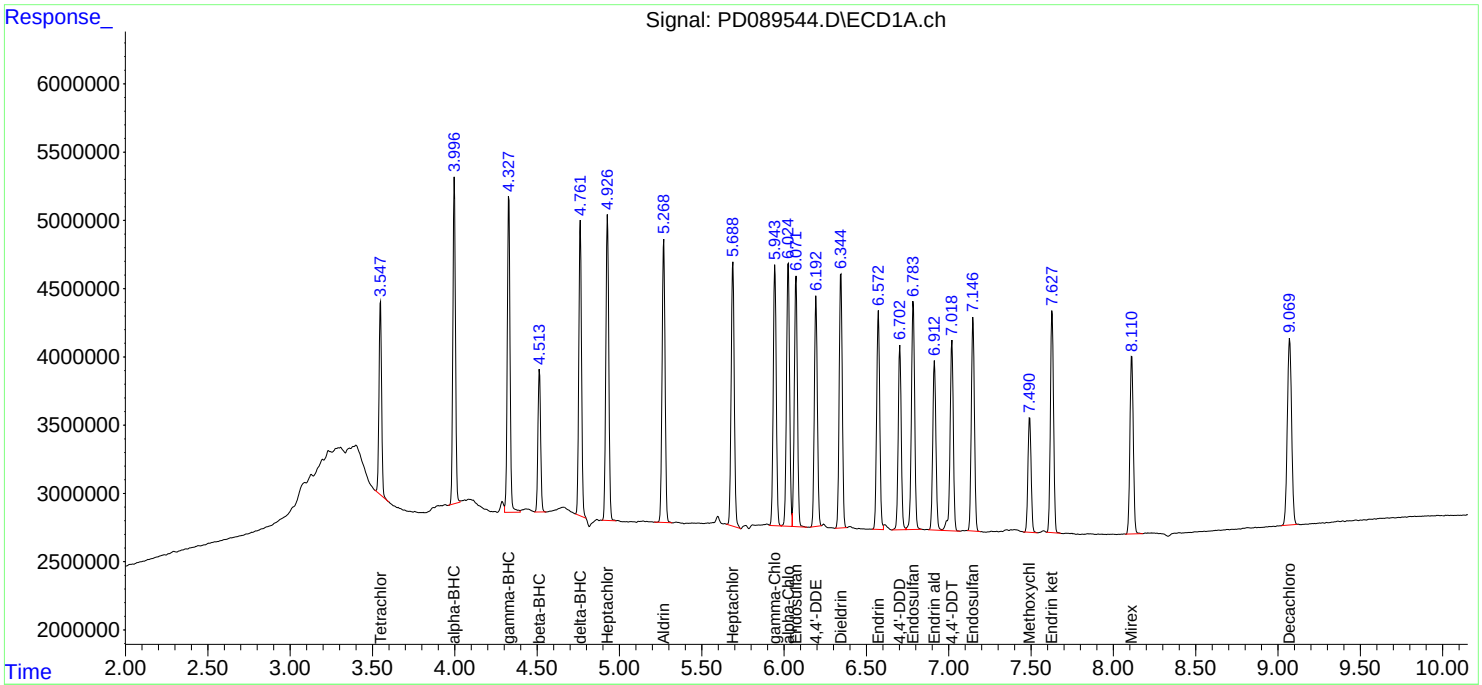
ICAL Form

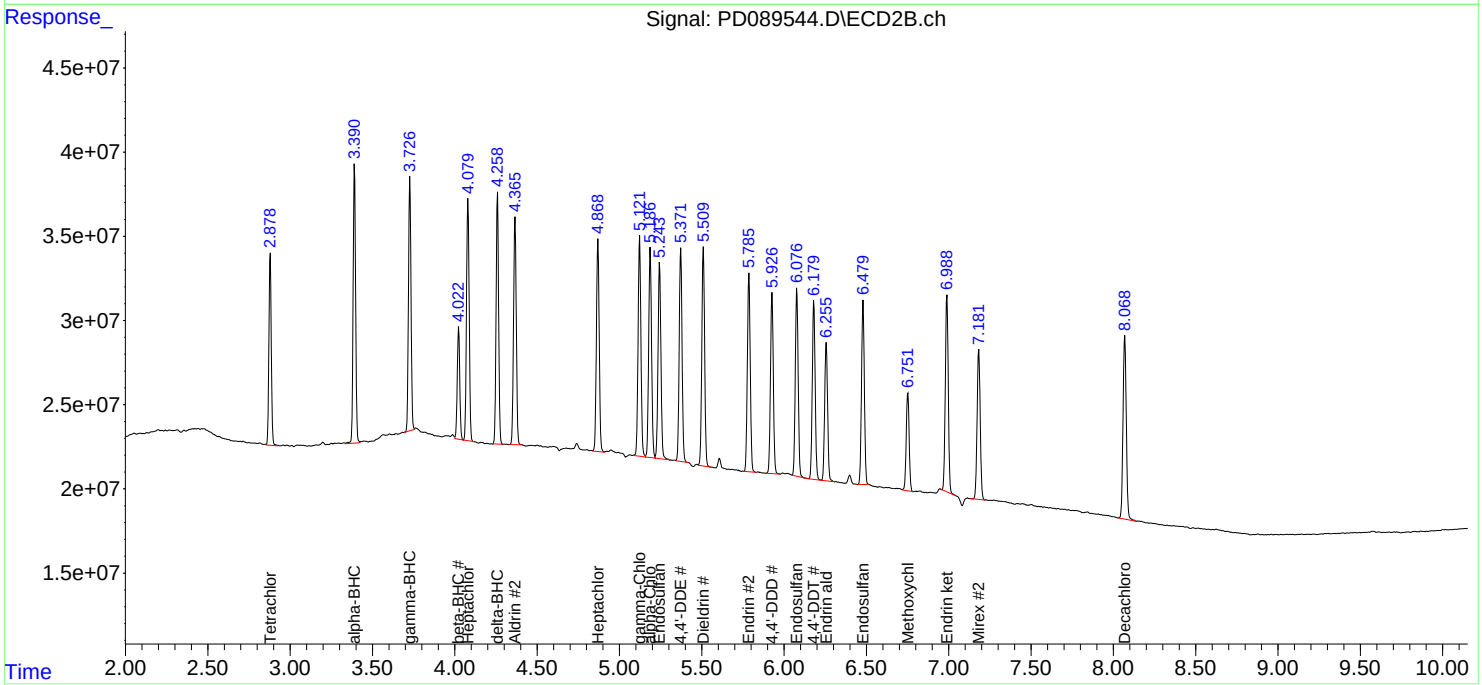
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089544.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:44
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:53:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 03:49:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 14:25
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:16:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:15:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.549	2.879	137.0E6	1147.5E6	50.000	50.000
28)	SA Decachlor...	9.071	8.070	191.4E6	1159.2E6	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.713	3.904	95759549	451.9E6	500.000	500.000
24)	Chlordane-2	5.239	4.485	96700402	471.2E6	500.000	500.000
25)	Chlordane-3	5.944	5.123	384.7E6	1387.3E6	500.000	500.000
26)	Chlordane-4	6.029	5.188	464.4E6	1166.3E6	500.000	500.000
27)	Chlordane-5	6.869	6.088	81273058	568.6E6	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

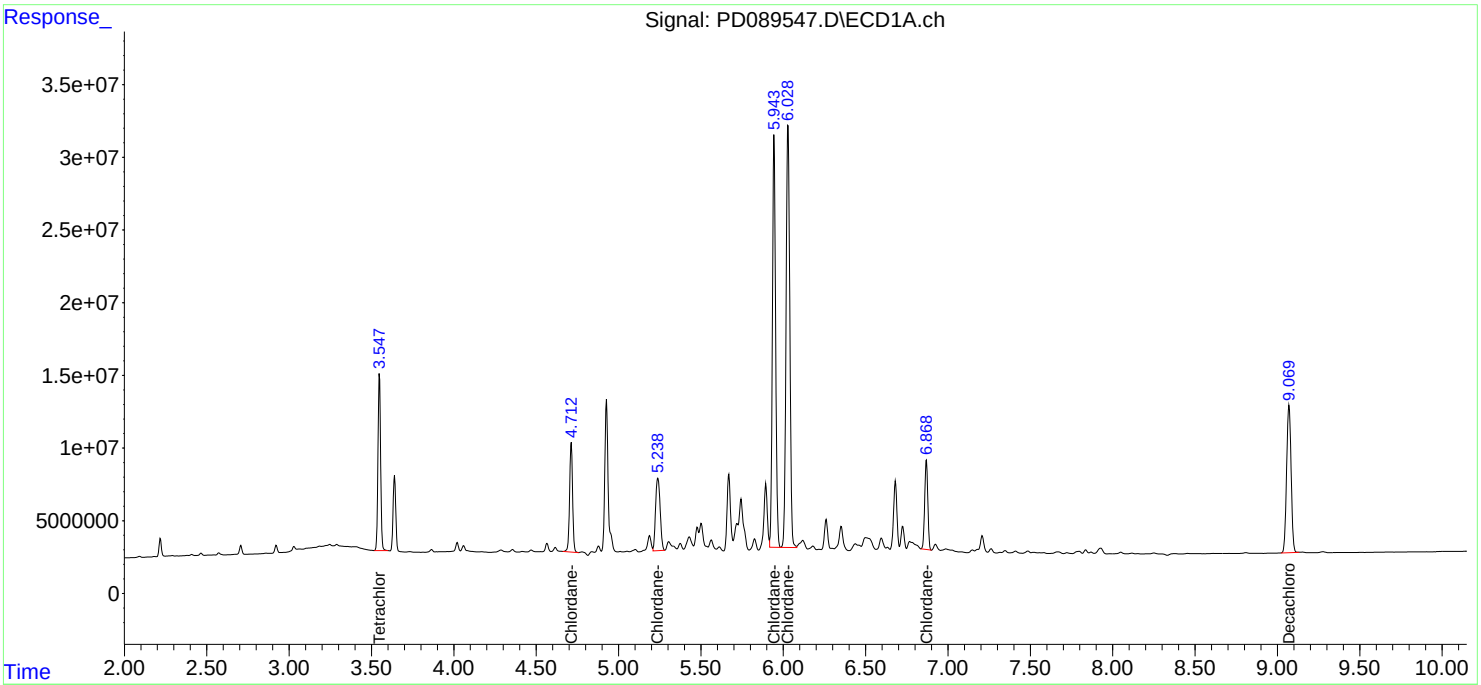
ICAL Form

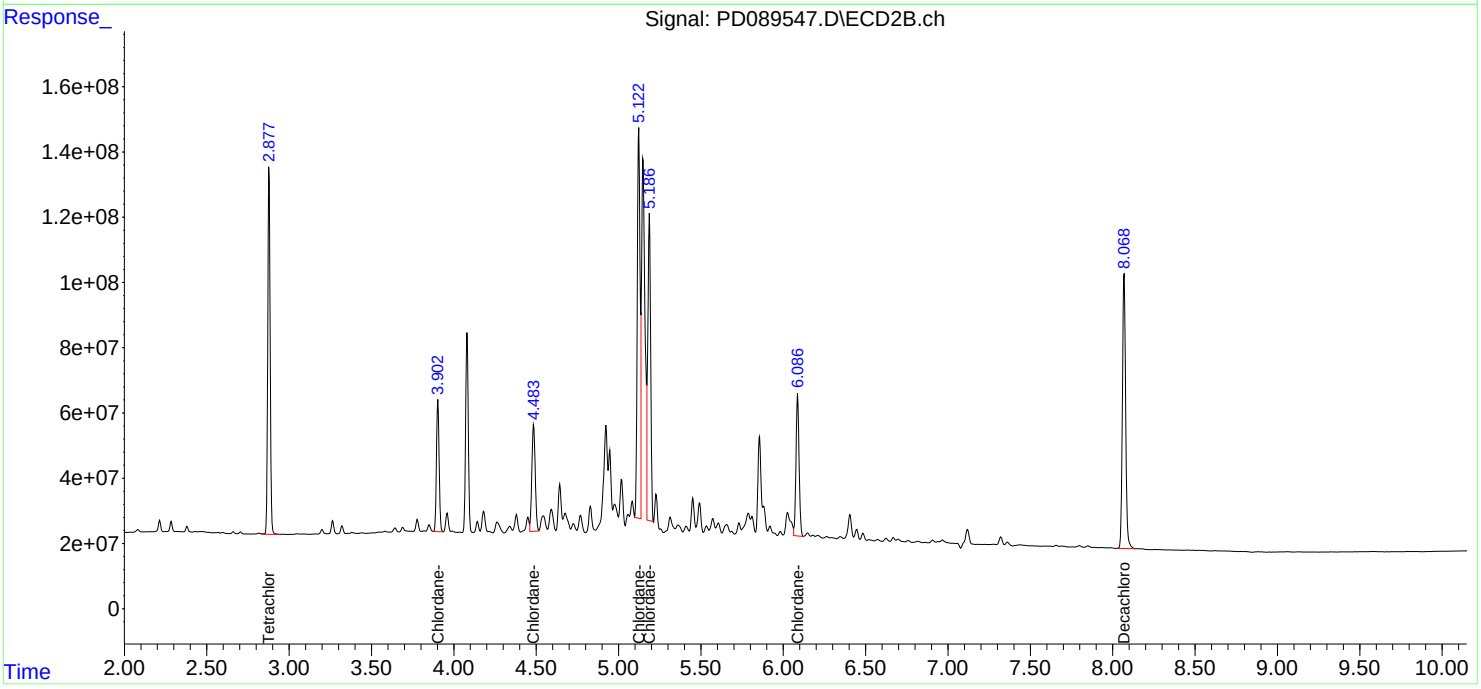
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 14:25
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:16:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:15:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 15:32
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 05:11:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 05:10:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.548	2.879	142.0E6	951.5E6	50.000	50.000
7) SA	Decachlor...	9.070	8.070	197.1E6	1187.5E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.240	5.473	19325202	100.0E6	500.000	500.000
3)	Toxaphene-2	6.440	5.644	26533094	65118541	500.000	500.000
4)	Toxaphene-3	7.148	6.754	50447927	333.6E6	500.000	500.000
5)	Toxaphene-4	7.562	7.196	65995374	228.3E6	500.000	500.000
6)	Toxaphene-5	7.928	7.327	36962427	171.5E6	500.000	500.000

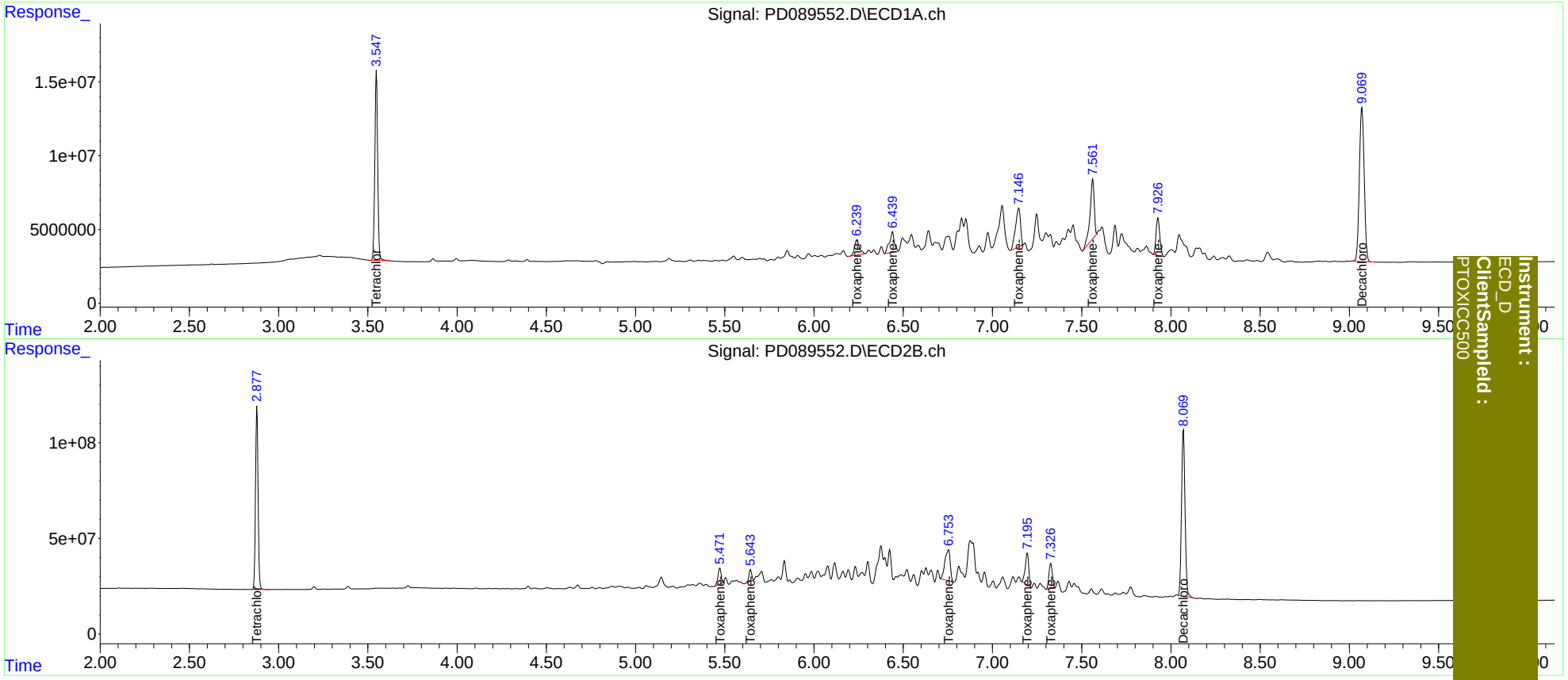
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 15:32
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 05:11:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 05:10:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:25
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD072125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:42:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.555	2.878	143.7E6	971.9E6	49.883	49.675
28)	SA Decachlor...	9.080	8.072	201.1E6	1226.4E6	48.964	49.919
	Target Compounds						
2)	A alpha-BHC	4.005	3.391	297.7E6	1502.7E6	52.142	50.015
3)	MA gamma-BHC...	4.335	3.727	281.4E6	1385.5E6	50.994	49.904
4)	MA Heptachlor	4.935	4.080	278.6E6	1392.2E6	51.090	49.689
5)	MB Aldrin	5.277	4.367	267.5E6	1366.3E6	51.110	49.891
6)	B beta-BHC	4.522	4.023	106.3E6	588.6E6	49.304	49.448
7)	B delta-BHC	4.770	4.260	270.1E6	1396.1E6	51.107	50.048
8)	B Heptachlo...	5.697	4.870	236.5E6	1233.3E6	50.064	49.607
9)	A Endosulfan I	6.080	5.245	224.0E6	1167.7E6	50.390	49.174
10)	B gamma-Chl...	5.952	5.124	240.0E6	1332.6E6	50.622	49.811
11)	B alpha-Chl...	6.033	5.188	240.2E6	1280.9E6	50.396	49.662
12)	B 4,4'-DDE	6.202	5.374	218.4E6	1307.2E6	50.868	49.788
13)	MA Dieldrin	6.353	5.511	240.4E6	1324.7E6	50.926	50.126
14)	MA Endrin	6.580	5.788	206.9E6	1202.0E6	50.804	49.706
15)	B Endosulfa...	6.792	6.079	203.5E6	1142.8E6	50.012	49.757
16)	A 4,4'-DDD	6.711	5.928	174.5E6	1094.7E6	51.498	49.936
17)	MA 4,4'-DDT	7.027	6.182	192.5E6	1192.7E6	51.031	50.953
18)	B Endrin al...	6.921	6.258	146.9E6	835.1E6	50.396	50.316
19)	B Endosulfa...	7.155	6.481	189.5E6	1109.1E6	50.222	49.962
20)	A Methoxychlor	7.499	6.753	100.7E6	612.6E6	50.211	50.250
21)	B Endrin ke...	7.636	6.990	203.2E6	1230.4E6	50.502	50.241
22)	Mirex	8.119	7.184	151.3E6	957.6E6	49.179	49.538

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

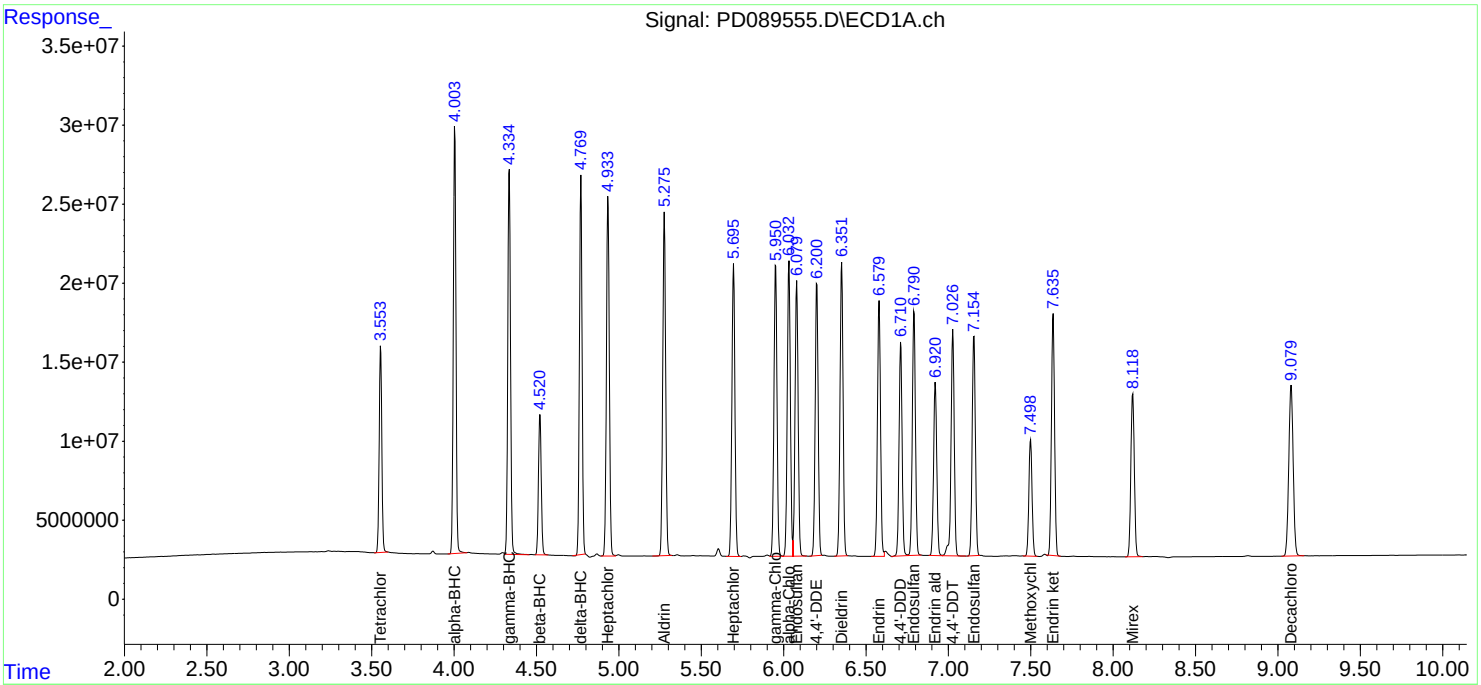
ICAL Form

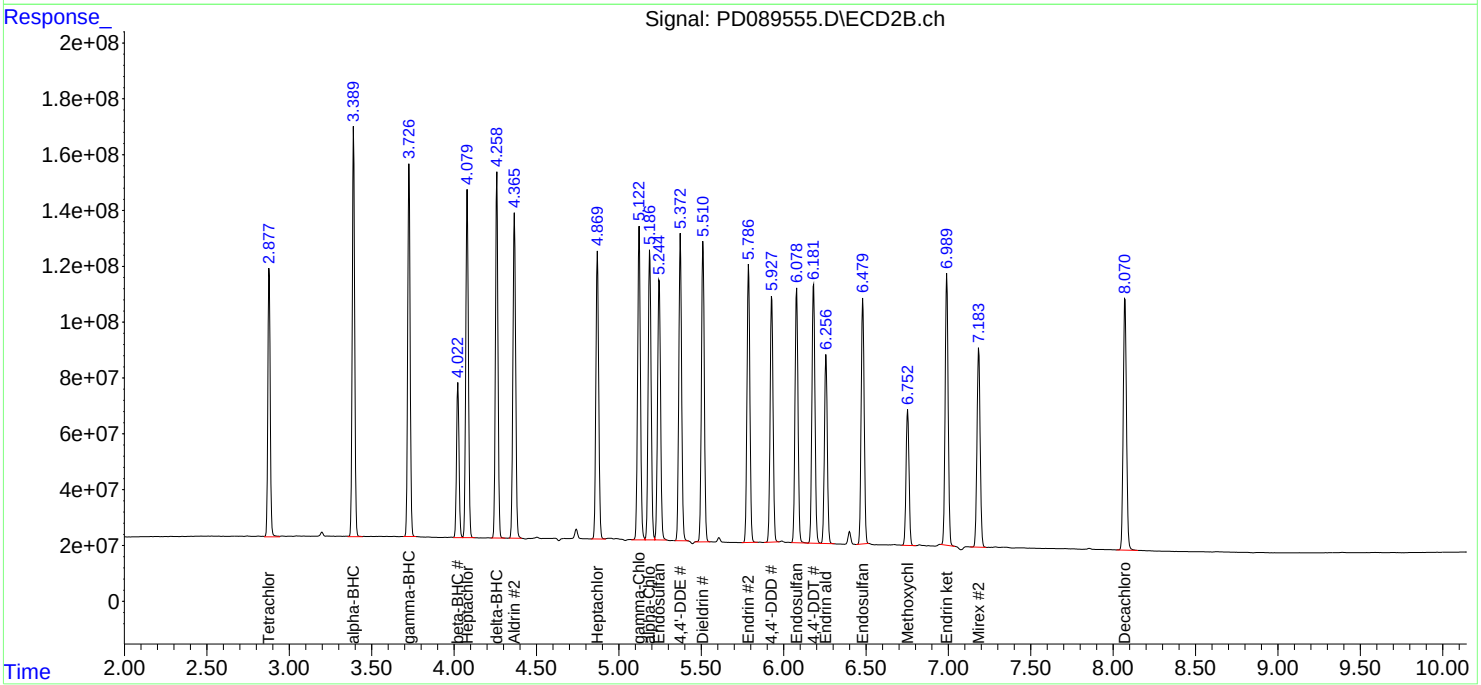
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:25
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD072125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:42:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:39
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD072125CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:36:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:36:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.548	2.878	139.0E6	1183.3E6	49.215	50.053
28)	SA Decachlor...	9.072	8.070	192.8E6	1200.5E6	47.877	49.009
	Target Compounds						
23)	Chlordane-1	4.713	3.903	97816146	466.0E6	499.824	501.768
24)	Chlordane-2	5.240	4.484	98674177	487.8E6	490.702	497.671
25)	Chlordane-3	5.945	5.123	394.8E6	1439.0E6	506.623	498.431
26)	Chlordane-4	6.031	5.187	474.9E6	1240.3E6	500.291	514.183
27)	Chlordane-5	6.869	6.088	82431434	586.1E6	499.827	501.646

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

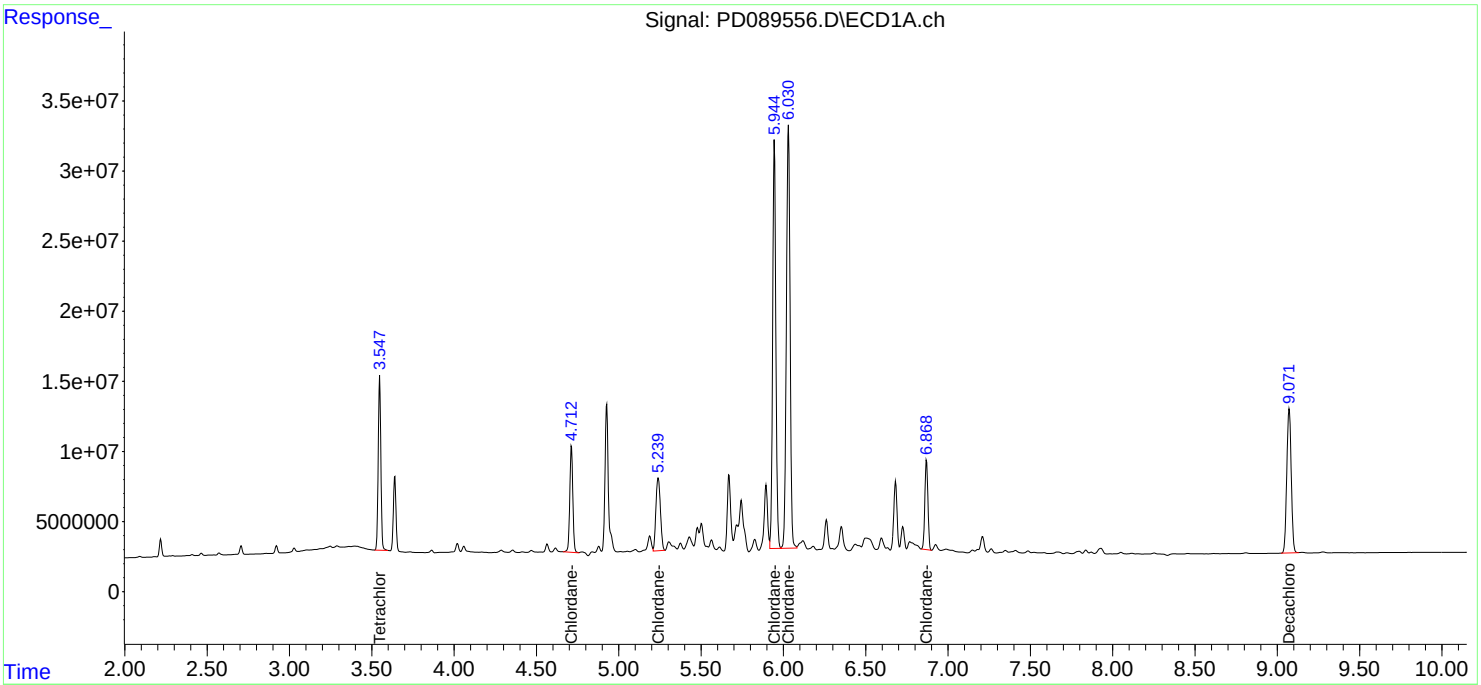
ICAL Form

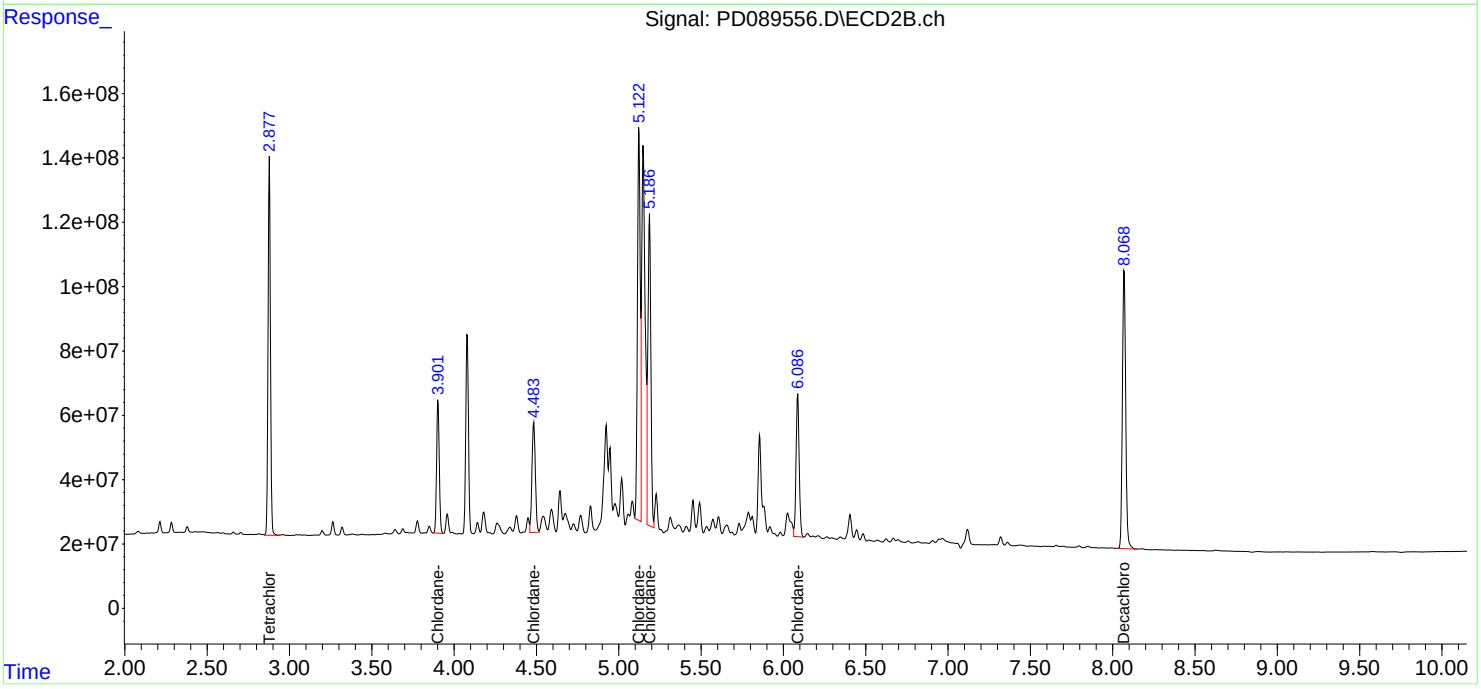
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:39
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD072125CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:36:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:36:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:52
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD072125TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 05:20:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 05:19:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.547	2.879	142.3E6	955.6E6	49.680	49.432
7) SA	Decachlor...	9.070	8.069	198.0E6	1197.5E6	48.962	49.165
	Target Compounds						
2)	Toxaphene-1	6.239	5.472	19583038	102.2E6	500.211	506.694
3)	Toxaphene-2	6.439	5.644	26488376	65874210	503.062	501.313
4)	Toxaphene-3	7.146	6.754	50312085	340.1E6	497.781	510.197
5)	Toxaphene-4	7.561	7.195	64774878	228.4E6	492.602	496.395
6)	Toxaphene-5	7.927	7.326	37268382	173.1E6	509.070	514.195

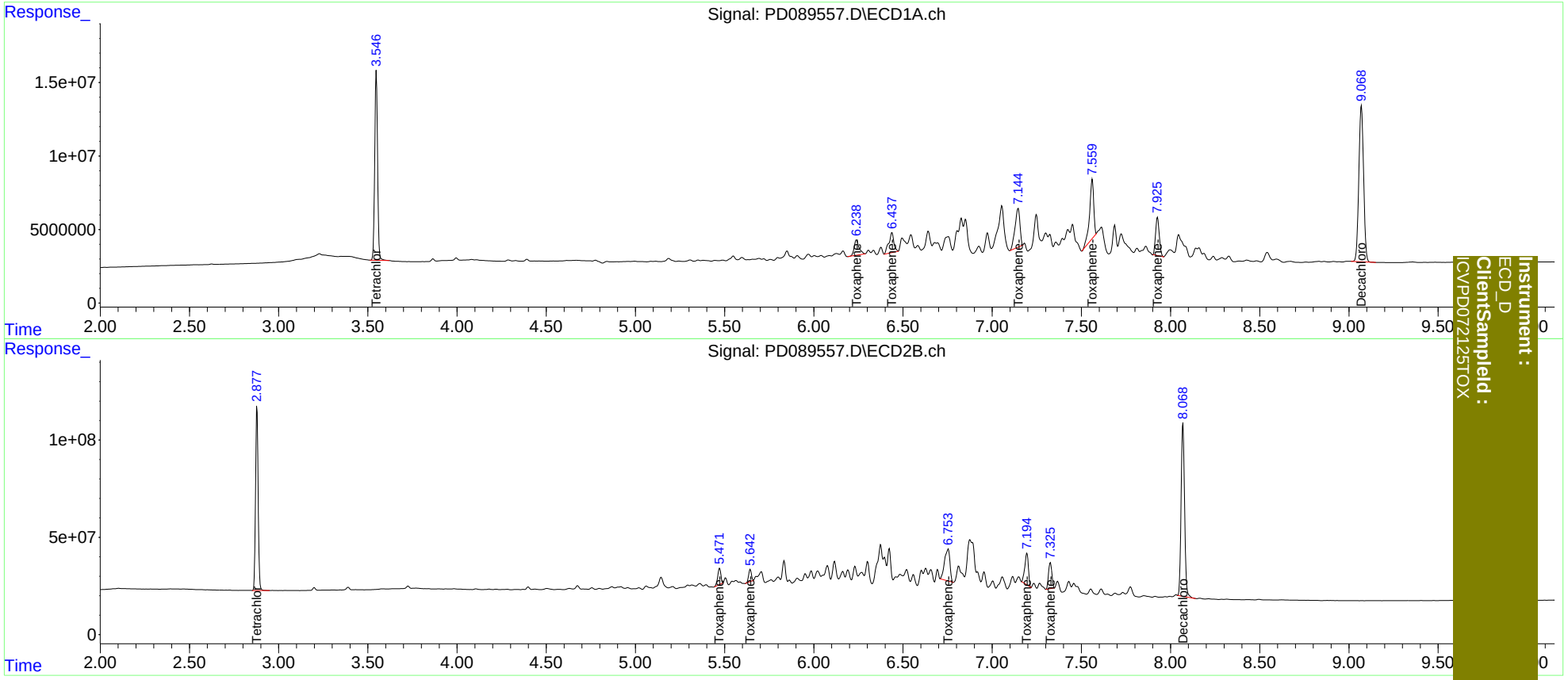
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:52
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 05:20:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 05:19:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm



Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG NO.: Q2481
Instrument ID: ECD_L
Calibration Date(s): 07/07/2025 07/07/2025
Calibration Times: 10:53 11:49

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL096240.D RT 075 = PL096241.D
RT 050 = PL096242.D RT 025 = PL096243.D RT 005 = PL096244.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.02	9.02	9.02	9.02	9.02	9.02	8.92	9.12
Endrin	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
gamma-BHC (Lindane)	4.31	4.31	4.31	4.31	4.31	4.31	4.21	4.41
Heptachlor	4.91	4.91	4.91	4.91	4.91	4.91	4.81	5.01
Heptachlor epoxide	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Methoxychlor	7.46	7.47	7.46	7.46	7.47	7.46	7.36	7.56
Tetrachloro-m-xylene	3.54	3.54	3.54	3.54	3.54	3.54	3.44	3.64

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Contract: ENVI60
Lab Code: ACE
SDG NO.: Q2481
Instrument ID: ECD_L
Calibration Date(s): 07/07/2025 07/07/2025
Calibration Times: 10:53 11:49

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL096240.D RT 075 = PL096241.D
RT 050 = PL096242.D RT 025 = PL096243.D RT 005 = PL096244.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	8.00	8.00	8.00	8.00	8.00	8.00	7.90	8.10
Endrin	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
gamma-BHC (Lindane)	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Heptachlor	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Heptachlor epoxide	4.80	4.80	4.80	4.80	4.80	4.80	4.70	4.90
Methoxychlor	6.69	6.69	6.68	6.68	6.69	6.68	6.58	6.78
Tetrachloro-m-xylene	2.83	2.83	2.83	2.83	2.83	2.83	2.73	2.93

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: ENVI60
SDG NO.: Q2481
Calibration Date(s): 07/07/2025 07/07/2025
Calibration Times: 10:53 11:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL096240.D **CF 075 =** PL096241.D
CF 050 = PL096242.D **CF 025 =** PL096243.D **CF 005 =** PL096244.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	2734760000	2660070000	2729730000	2840050000	3100690000	2813060000	6
Endrin	3278570000	3096260000	3152290000	3035270000	2988660000	3110210000	4
gamma-BHC (Lindane)	5277490000	4937170000	5003630000	4872450000	4807500000	4979650000	4
Heptachlor	4644220000	4480710000	4500180000	4479130000	4801850000	4581220000	3
Heptachlor epoxide	4361240000	4217620000	4223310000	4173120000	3770510000	4149160000	5
Methoxychlor	1520130000	1498290000	1535260000	1580890000	1742410000	1575400000	6
Tetrachloro-m-xylene	3687130000	3500570000	3606810000	3645250000	3805110000	3648970000	3

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: ENVI60
SDG NO.: Q2481
Calibration Date(s): 07/07/2025 07/07/2025
Calibration Times: 10:53 11:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL096240.D **CF 075 =** PL096241.D
CF 050 = PL096242.D **CF 025 =** PL096243.D **CF 005 =** PL096244.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4787910000	4666610000	4872180000	5085100000	5520680000	4986500000	7
Endrin	6179120000	5963060000	6145890000	6105230000	6089210000	6096500000	1
gamma-BHC (Lindane)	8140460000	7776520000	7961280000	7854920000	7646170000	7875870000	2
Heptachlor	7661840000	7400290000	7666040000	7667210000	7643400000	7607760000	2
Heptachlor epoxide	6588350000	6451450000	6691850000	6724070000	6968780000	6684900000	3
Methoxychlor	2949250000	2893130000	3027760000	3113420000	3205310000	3037770000	4
Tetrachloro-m-xylene	5771200000	5549810000	5746090000	5799260000	5989730000	5771220000	3

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Instrument ID: ECD_L **Date(s) Analyzed:** 07/07/2025 07/07/2025

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.69	4.59	4.79	177410000
		2	5.22	5.12	5.32	190569000
		3	5.92	5.82	6.02	738441000
		4	6.00	5.90	6.10	895986000
		5	6.84	6.74	6.94	143848000
Toxaphene	500	1	6.22	6.12	6.32	30025500
		2	6.61	6.51	6.71	26119300
		3	7.03	6.93	7.13	120095000
		4	7.12	7.02	7.22	85971000
		5	7.90	7.80	8.00	61804300

Raw Data

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Instrument ID: ECD_L **Date(s) Analyzed:** 07/07/2025 07/07/2025

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.84	3.74	3.94	235477000
		2	4.42	4.32	4.52	272171000
		3	5.06	4.96	5.16	797275000
		4	5.12	5.02	5.22	725774000
		5	6.01	5.91	6.11	282958000
Toxaphene	500	1	5.08	4.98	5.18	36707400
		2	5.76	5.66	5.86	51848200
		3	6.04	5.94	6.14	51417500
		4	6.68	6.58	6.78	166414000
		5	7.12	7.02	7.22	101419000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096240.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:53
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:52:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.537	2.829	368.7E6	577.1E6	101.101	100.218
28)	SA Decachlor...	9.019	7.995	273.5E6	478.8E6	100.092	99.128
	Target Compounds						
2)	A alpha-BHC	3.985	3.335	557.1E6	884.8E6	103.261	101.511
3)	MA gamma-BHC...	4.314	3.667	527.7E6	814.0E6	102.664	101.113
4)	MA Heptachlor	4.906	4.017	464.4E6	766.2E6	101.575	99.973
5)	MB Aldrin	5.247	4.300	504.4E6	747.6E6	102.285	100.786
6)	B beta-BHC	4.500	3.964	208.3E6	336.1E6	100.978	99.598
7)	B delta-BHC	4.745	4.197	480.4E6	801.4E6	103.084	101.347
8)	B Heptachlo...	5.666	4.802	436.1E6	658.8E6	101.607	99.221
9)	A Endosulfan I	6.047	5.174	410.4E6	641.6E6	101.629	98.818
10)	B gamma-Chl...	5.919	5.055	457.0E6	709.7E6	101.780	100.837
11)	B alpha-Chl...	6.000	5.119	446.8E6	704.6E6	101.494	99.867
12)	B 4,4'-DDE	6.170	5.308	392.7E6	673.9E6	103.496	101.524
13)	MA Dieldrin	6.319	5.438	441.2E6	694.6E6	102.223	100.151
14)	MA Endrin	6.546	5.713	327.9E6	617.9E6	101.964	100.270
15)	B Endosulfa...	6.758	6.004	343.6E6	584.8E6	100.989	100.302
16)	A 4,4'-DDD	6.678	5.860	302.6E6	557.2E6	101.912	103.879
17)	MA 4,4'-DDT	6.992	6.113	314.0E6	592.5E6	102.050	101.137
18)	B Endrin al...	6.887	6.183	221.6E6	412.5E6	100.089	98.301
19)	B Endosulfa...	7.120	6.406	313.7E6	556.8E6	101.719	99.788
20)	A Methoxychlor	7.464	6.685	152.0E6	294.9E6	99.505	98.686
21)	B Endrin ke...	7.599	6.909	337.0E6	616.3E6	101.073	99.269m
22)	Mirex	8.079	7.101	272.3E6	474.8E6	99.763	99.059

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096240.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:53
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

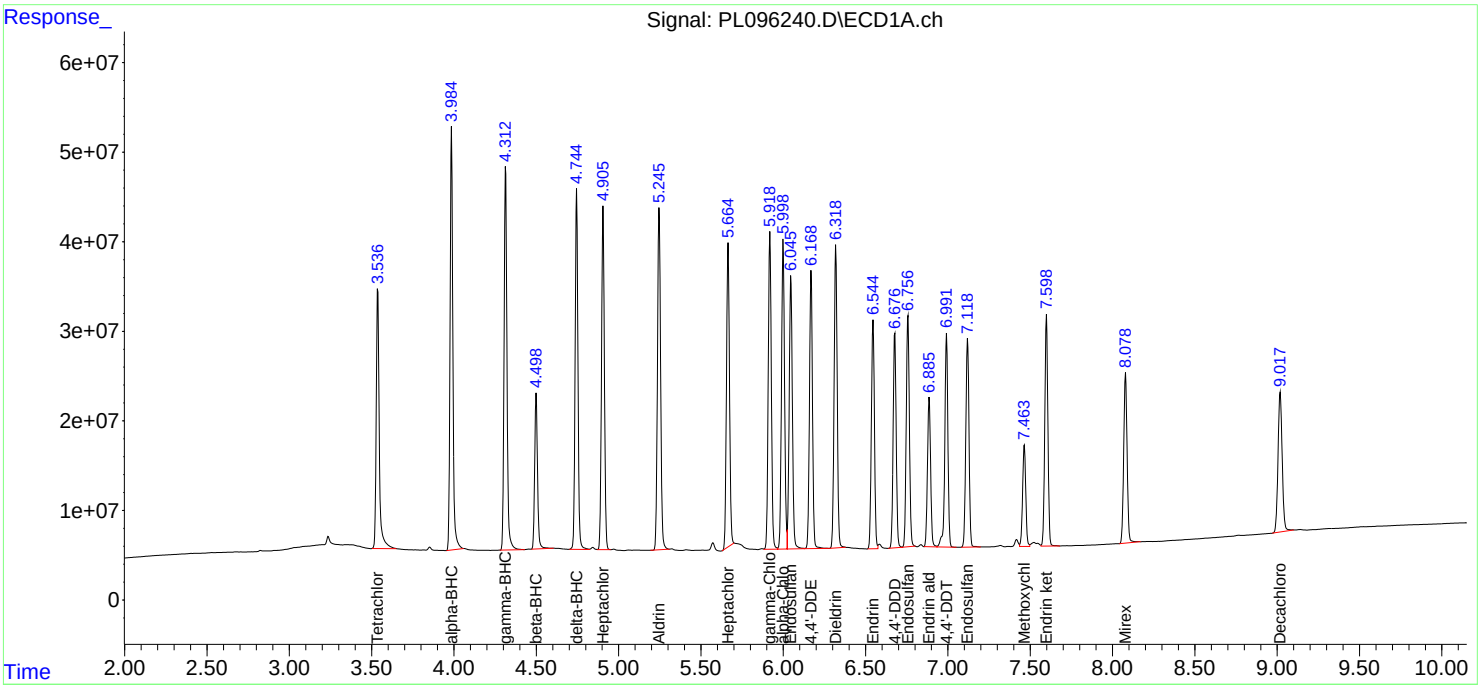
Instrument :
ECD_L
ClientSampleId :
PSTDICC100

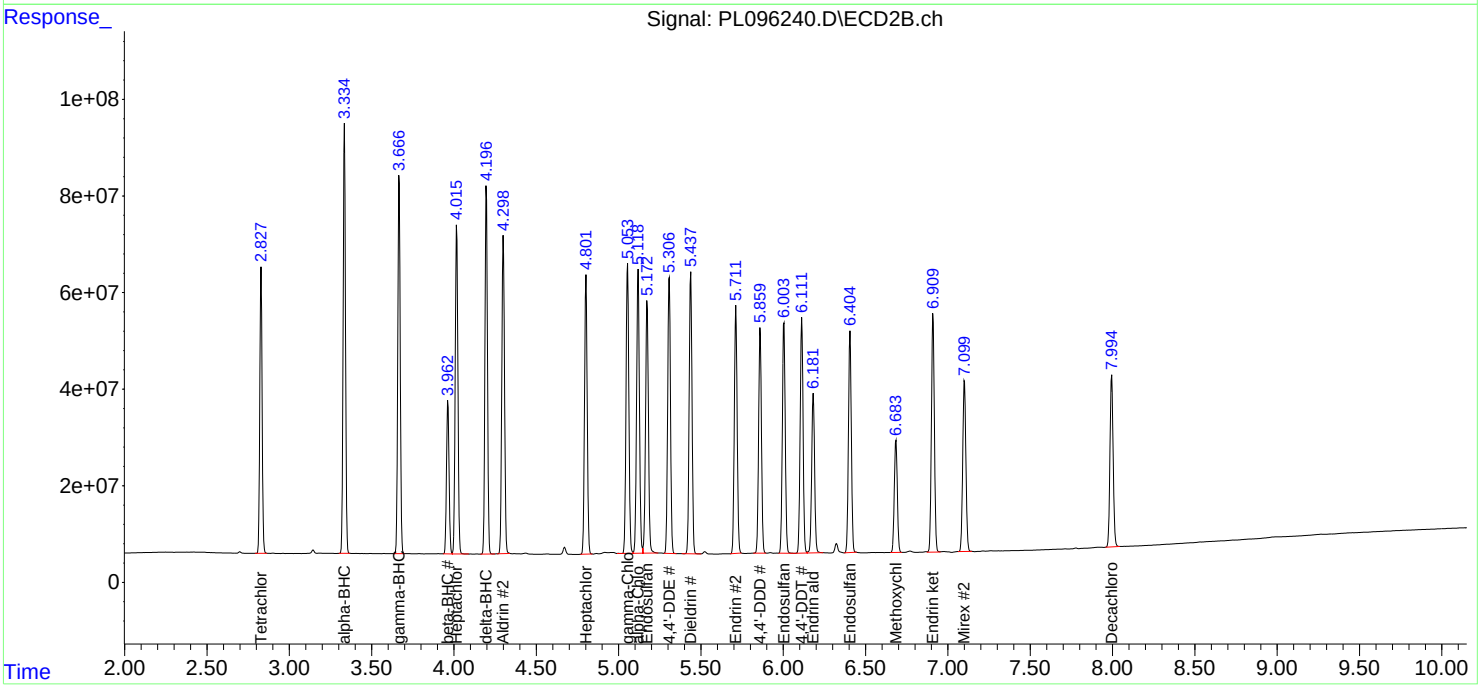
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:52:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:09
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:55:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.537	2.827	262.5E6	416.2E6	72.966	73.165
28) SA	Decachlor...	9.022	7.996	199.5E6	350.0E6	73.668	73.289
	Target Compounds						
2) A	alpha-BHC	3.984	3.334	396.3E6	631.4E6	73.968	73.274
3) MA	gamma-BHC...	4.313	3.666	370.3E6	583.2E6	72.995	73.277
4) MA	Heptachlor	4.906	4.016	336.1E6	555.0E6	73.993	73.260
5) MB	Aldrin	5.245	4.300	359.1E6	537.9E6	73.531	73.330
6) B	beta-BHC	4.497	3.963	150.0E6	242.0E6	73.486m	72.768
7) B	delta-BHC	4.745	4.196	338.2E6	573.4E6	73.368	73.317
8) B	Heptachlo...	5.666	4.802	316.3E6	483.9E6	74.125	73.566
9) A	Endosulfan I	6.047	5.173	294.3E6	470.1E6	73.562	73.247
10) B	gamma-Chl...	5.919	5.054	323.5E6	518.3E6	73.015	74.093
11) B	alpha-Chl...	6.000	5.119	317.7E6	520.1E6	73.088	74.144
12) B	4,4'-DDE	6.170	5.308	277.7E6	481.3E6	73.777	73.317
13) MA	Dieldrin	6.319	5.438	312.3E6	500.5E6	73.215	73.087
14) MA	Endrin	6.546	5.713	232.2E6	447.2E6	73.124	73.364
15) B	Endosulfa...	6.758	6.005	247.3E6	423.6E6	73.442	73.425
16) A	4,4'-DDD	6.679	5.860	213.5E6	373.3E6	72.919	71.314
17) MA	4,4'-DDT	6.993	6.113	226.6E6	425.7E6	74.085	73.421
18) B	Endrin al...	6.887	6.183	162.7E6	304.8E6	74.002	73.411
19) B	Endosulfa...	7.120	6.406	225.3E6	405.9E6	73.701	73.485
20) A	Methoxychlor	7.465	6.685	112.4E6	217.0E6	74.031	73.387
21) B	Endrin ke...	7.600	6.910	243.3E6	448.8E6	73.629	73.150
22)	Mirex	8.080	7.101	198.3E6	347.2E6	73.425	73.273

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:09
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

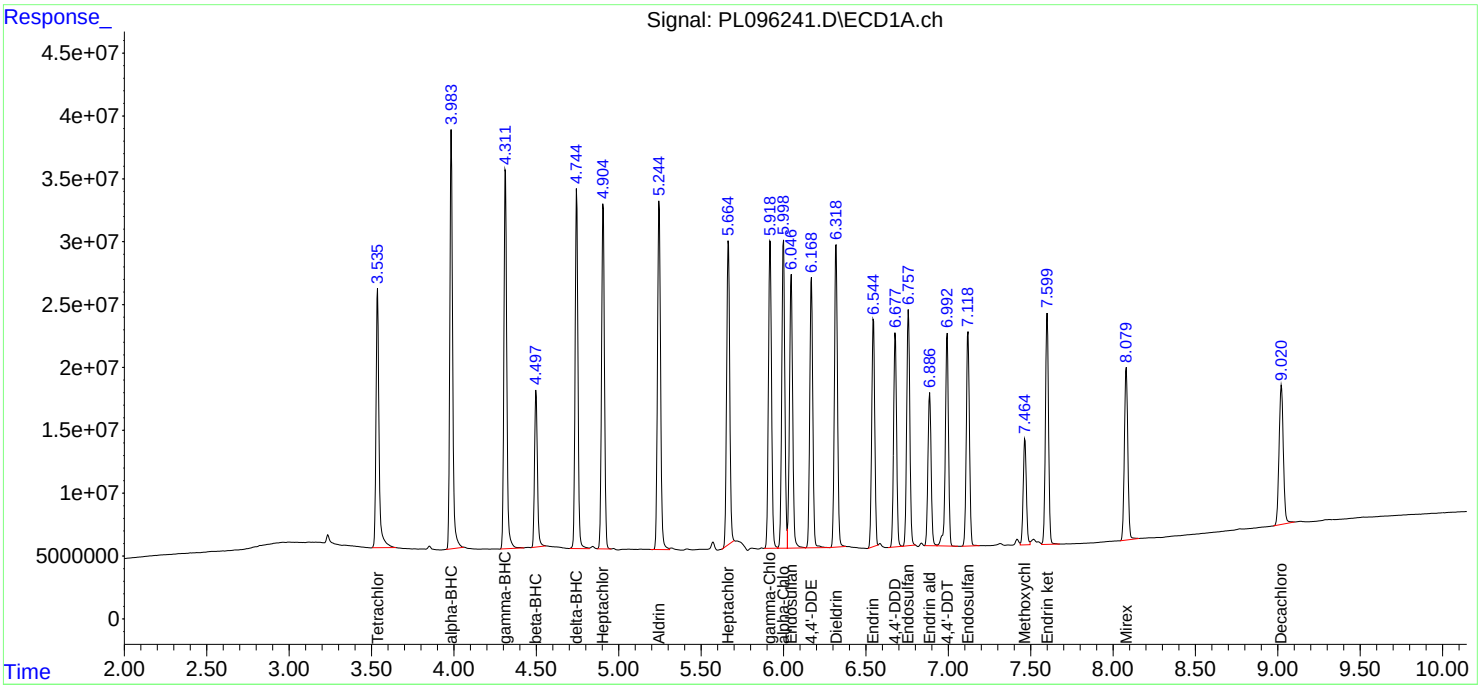
Instrument :
ECD_L
ClientSampleId :
PSTDICC075

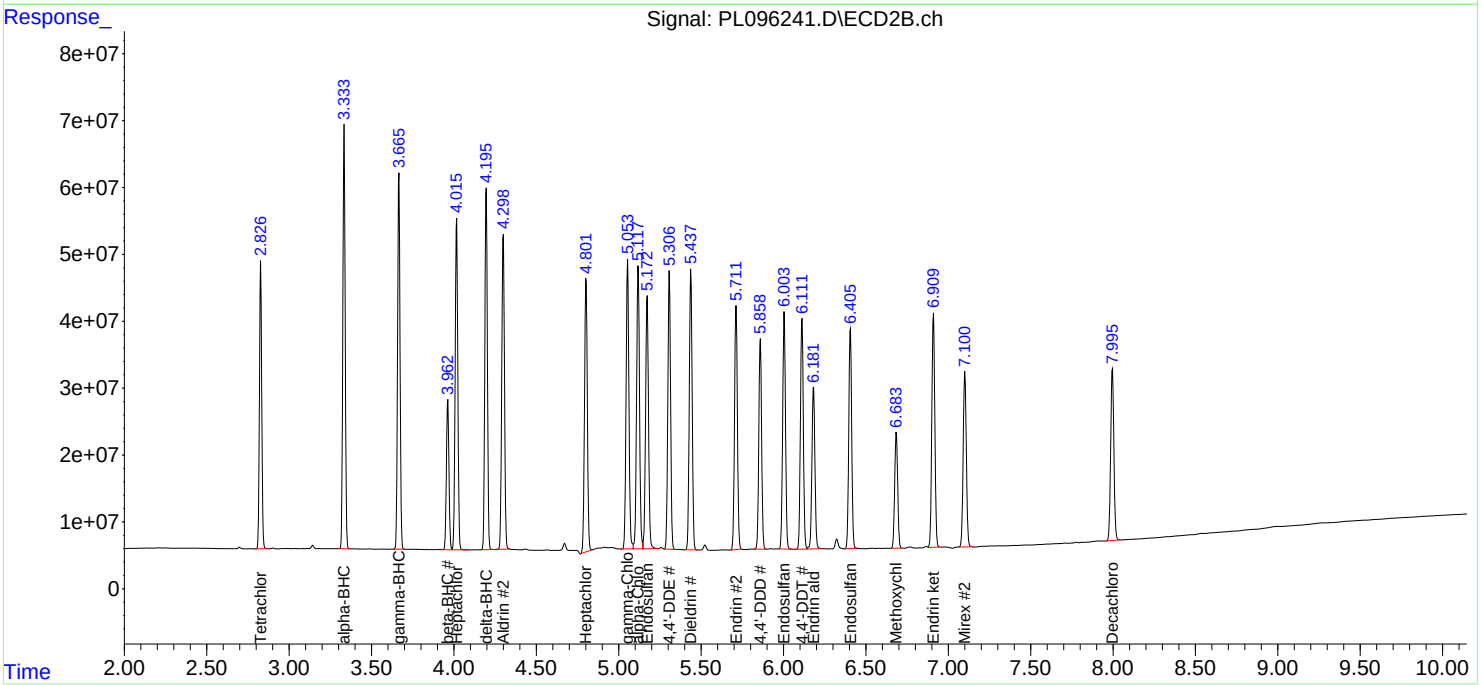
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:55:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:22
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:50:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.538	2.829	180.3E6	287.3E6	50.000	50.000
28) SA	Decachlor...	9.020	7.996	136.5E6	243.6E6	50.000	50.000
	Target Compounds						
2) A	alpha-BHC	3.985	3.335	261.0E6	429.2E6	50.000	50.000
3) MA	gamma-BHC...	4.313	3.667	250.2E6	398.1E6	50.000	50.000
4) MA	Heptachlor	4.906	4.017	225.0E6	383.3E6	50.000	50.000
5) MB	Aldrin	5.246	4.300	240.9E6	368.0E6	50.000	50.000
6) B	beta-BHC	4.499	3.963	102.1E6	169.4E6	50.000	50.000
7) B	delta-BHC	4.746	4.197	225.8E6	390.1E6	50.000	50.000
8) B	Heptachlo...	5.665	4.802	211.2E6	334.6E6	50.000	50.000
9) A	Endosulfan I	6.047	5.173	198.6E6	328.5E6	50.000	50.000
10) B	gamma-Chl...	5.919	5.054	220.5E6	348.9E6	50.000	50.000
11) B	alpha-Chl...	6.000	5.118	216.8E6	353.2E6	50.000	50.000
12) B	4,4'-DDE	6.169	5.307	183.1E6	326.8E6	50.000	50.000
13) MA	Dieldrin	6.319	5.438	211.0E6	346.2E6	50.000	50.000
14) MA	Endrin	6.545	5.712	157.6E6	307.3E6	50.000	50.000
15) B	Endosulfa...	6.758	6.004	168.4E6	290.6E6	50.000	50.000
16) A	4,4'-DDD	6.678	5.859	145.6E6	257.8E6	50.000	50.000
17) MA	4,4'-DDT	6.992	6.112	150.7E6	289.6E6	50.000	50.000
18) B	Endrin al...	6.886	6.182	110.6E6	213.4E6	50.000	50.000
19) B	Endosulfa...	7.119	6.406	151.6E6	279.6E6	50.000	50.000
20) A	Methoxychlor	7.464	6.684	76763109	151.4E6	50.000	50.000
21) B	Endrin ke...	7.600	6.910	164.9E6	313.0E6	50.000	50.000
22)	Mirex	8.080	7.100	136.8E6	241.9E6	50.000	50.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

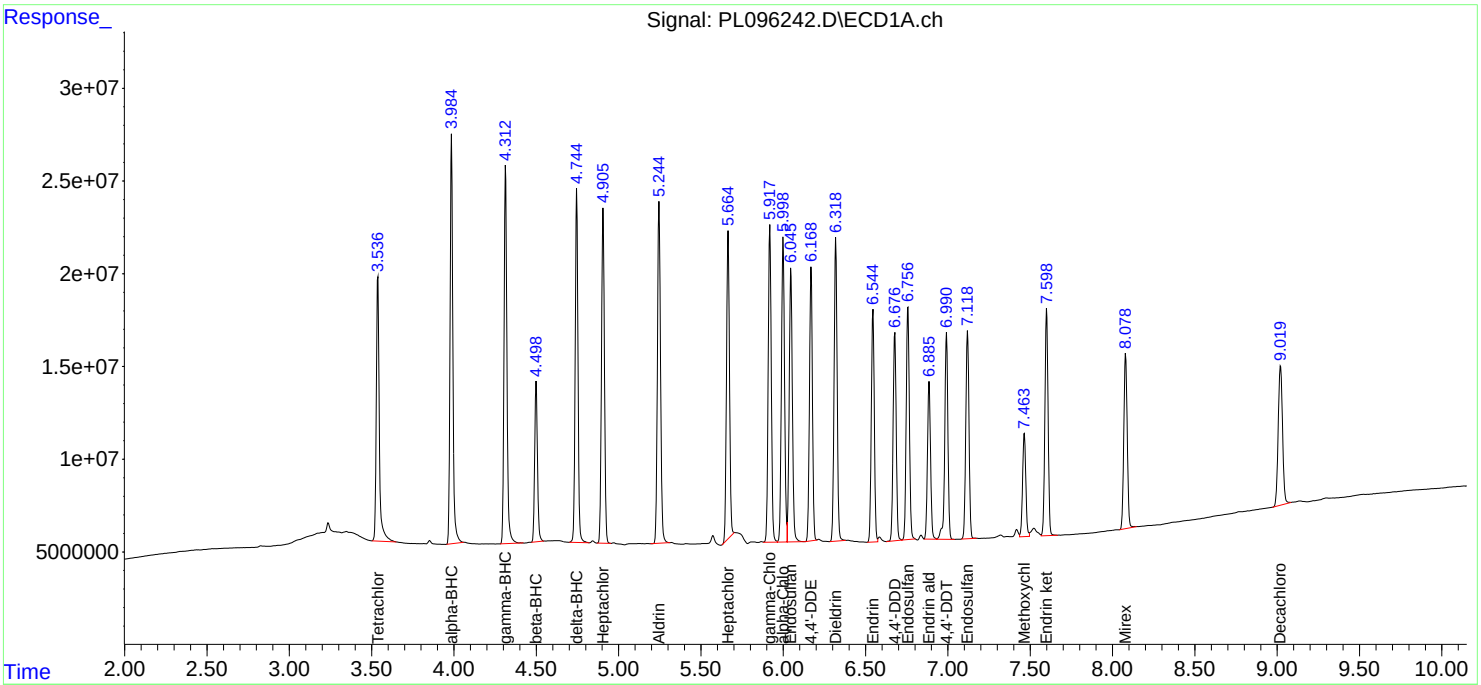
ICAL Form

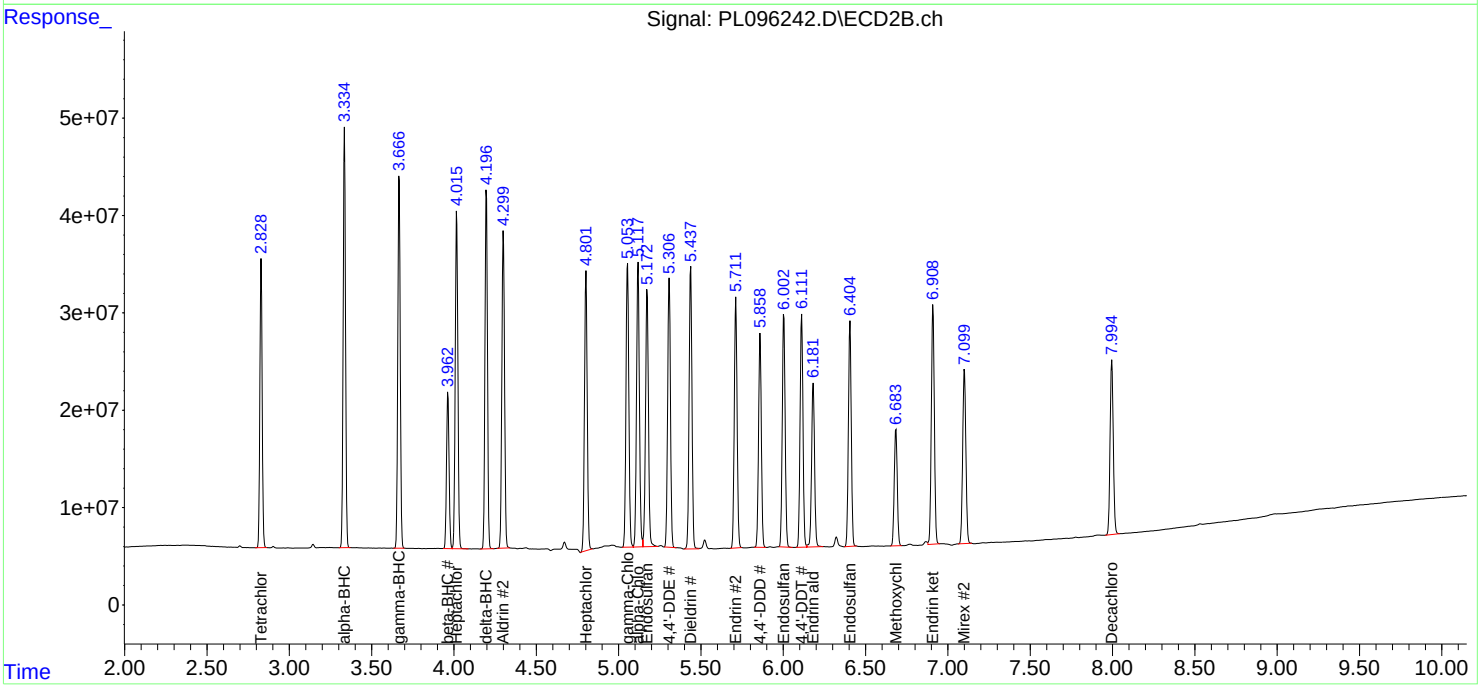
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:22
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:50:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096243.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:36
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:57:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.537	2.828	91131135	145.0E6	25.245	25.362
28) SA	Decachlor...	9.020	7.996	71001314	127.1E6	25.902	26.196
	Target Compounds						
2) A	alpha-BHC	3.985	3.335	124.9E6	209.0E6	23.704	24.437
3) MA	gamma-BHC...	4.313	3.667	121.8E6	196.4E6	24.252	24.753
4) MA	Heptachlor	4.905	4.017	112.0E6	191.7E6	24.741	25.225
5) MB	Aldrin	5.245	4.300	118.7E6	181.9E6	24.473	24.847
6) B	beta-BHC	4.499	3.964	51593189	86999189	25.201	25.864
7) B	delta-BHC	4.745	4.197	108.7E6	191.5E6	23.913	24.613
8) B	Heptachlo...	5.665	4.802	104.3E6	168.1E6	24.584	25.416
9) A	Endosulfan I	6.046	5.173	99024442	177.3E6	24.815	26.919
10) B	gamma-Chl...	5.919	5.054	109.4E6	174.8E6	24.768	24.989
11) B	alpha-Chl...	5.999	5.119	108.7E6	184.0E6	24.999	25.915
12) B	4,4'-DDE	6.169	5.307	89563798	160.3E6	24.087	24.561
13) MA	Dieldrin	6.319	5.438	103.8E6	170.6E6	24.502	24.937
14) MA	Endrin	6.545	5.712	75881870	152.6E6	24.162	25.028
15) B	Endosulfa...	6.757	6.003	85668436	147.4E6	25.329	25.399m
16) A	4,4'-DDD	6.677	5.859	71650668	132.2E6	24.600	25.187
17) MA	4,4'-DDT	6.992	6.113	74288680	143.0E6	24.465	24.753
18) B	Endrin al...	6.886	6.182	55834732	113.1E6	25.291	26.639
19) B	Endosulfa...	7.119	6.406	75807591	141.9E6	24.844	25.508
20) A	Methoxychlor	7.464	6.684	39522332	77835403	25.770	25.981
21) B	Endrin ke...	7.599	6.909	82764438	158.8E6	25.035	25.653
22)	Mirex	8.079	7.101	70613541	126.1E6	25.849	26.192

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096243.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:36
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

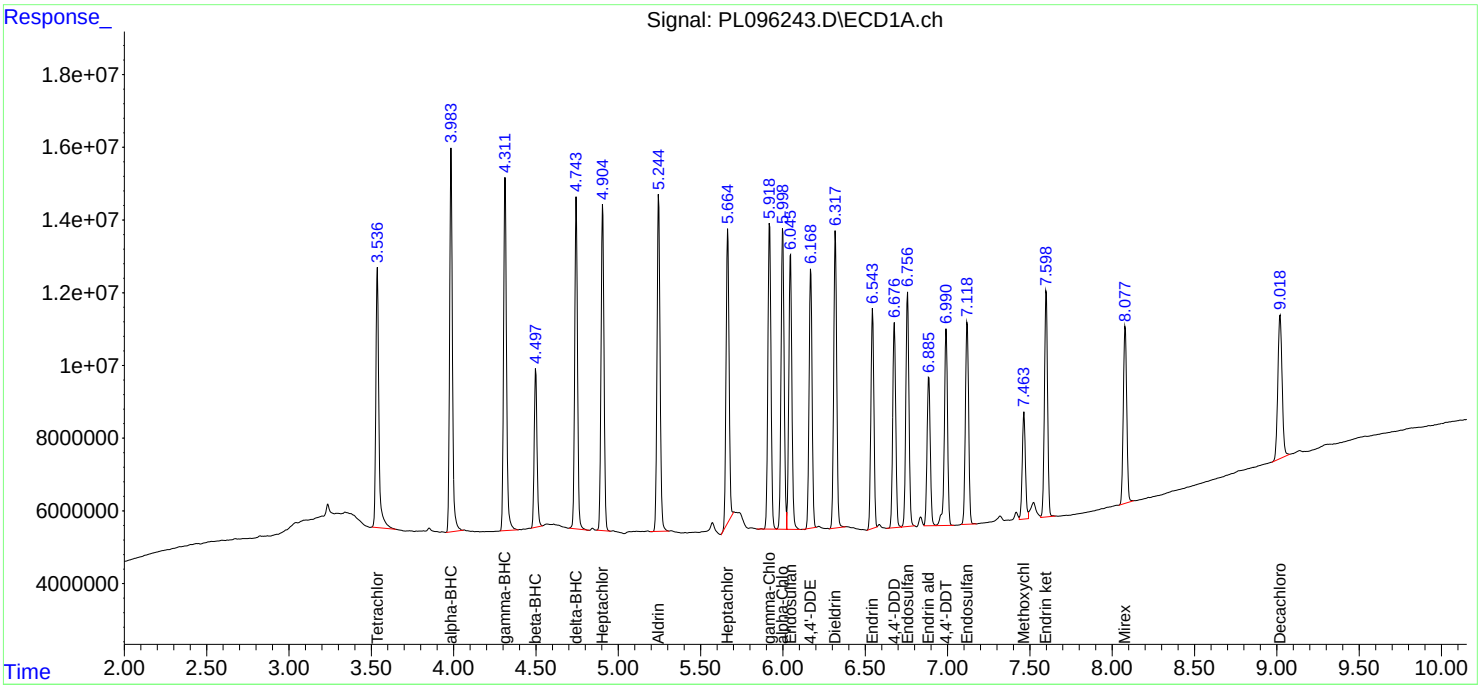
Instrument :
ECD_L
ClientSampleId :
PSTDICC025

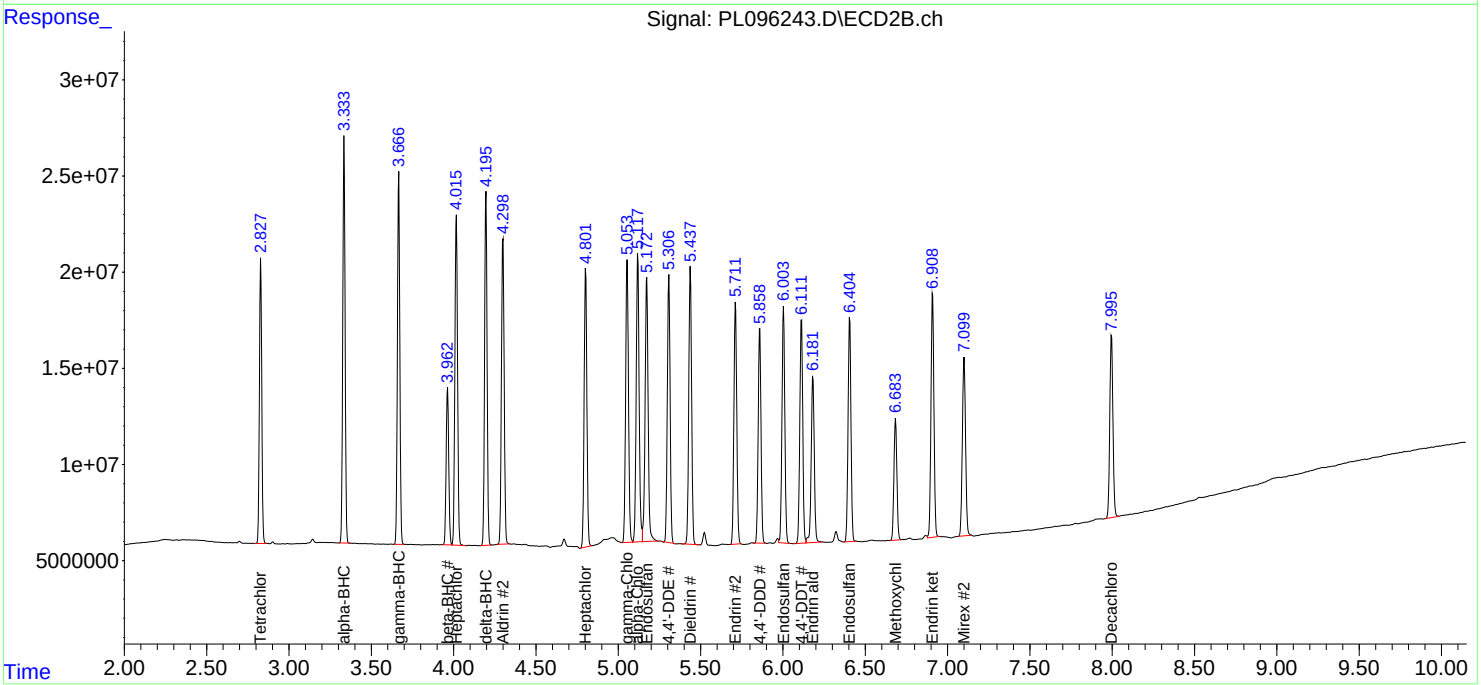
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:57:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:49
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 14:00:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.537	2.828	19025537	29948633	5.214	5.189
28)	SA Decachlor...	9.020	7.997	15503442	27603399	5.511	5.536
	Target Compounds						
2)	A alpha-BHC	3.984	3.334	23234160	39797350	4.518	4.718
3)	MA gamma-BHC...	4.313	3.667	24037524	38230859	4.827	4.854
4)	MA Heptachlor	4.905	4.016	24009255	38216999	5.241	5.023
5)	MB Aldrin	5.246	4.299	23850765	35971559	4.934	4.931
6)	B beta-BHC	4.499	3.963	11025016	18322787	5.304	5.351
7)	B delta-BHC	4.745	4.196	21146545	36946663	4.719	4.797
8)	B Heptachlo...	5.665	4.800	18852553	34843882	4.544	5.204m
9)	A Endosulfan I	6.047	5.172	21120955	47626389	5.232	6.492m
10)	B gamma-Chl...	5.919	5.054	22271617	35604780	5.033	5.072
11)	B alpha-Chl...	6.000	5.119	22538956	45965555	5.147	6.112
12)	B 4,4'-DDE	6.170	5.306	18320455	31070174	4.941	4.817m
13)	MA Dieldrin	6.319	5.436	20962161	33636509	4.957	4.897m
14)	MA Endrin	6.545	5.711	14943290	30446035	4.805	5.000m
15)	B Endosulfa...	6.757	6.003	19106695	30567103	5.506	5.221m
16)	A 4,4'-DDD	6.677	5.859	14539958	23257862	4.994	4.535
17)	MA 4,4'-DDT	6.992	6.113	15148387	27808893	4.991	4.849
18)	B Endrin al...	6.886	6.181	11735349	26462538	5.249	5.937m
19)	B Endosulfa...	7.120	6.406	15445201	29371565	5.049	5.222
20)	A Methoxychlor	7.465	6.685	8712032	16026571	5.530	5.276
21)	B Endrin ke...	7.599	6.909	16421079	32509263	4.974	5.202m
22)	Mirex	8.079	7.101	14920931	27895605	5.363	5.615

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:49
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

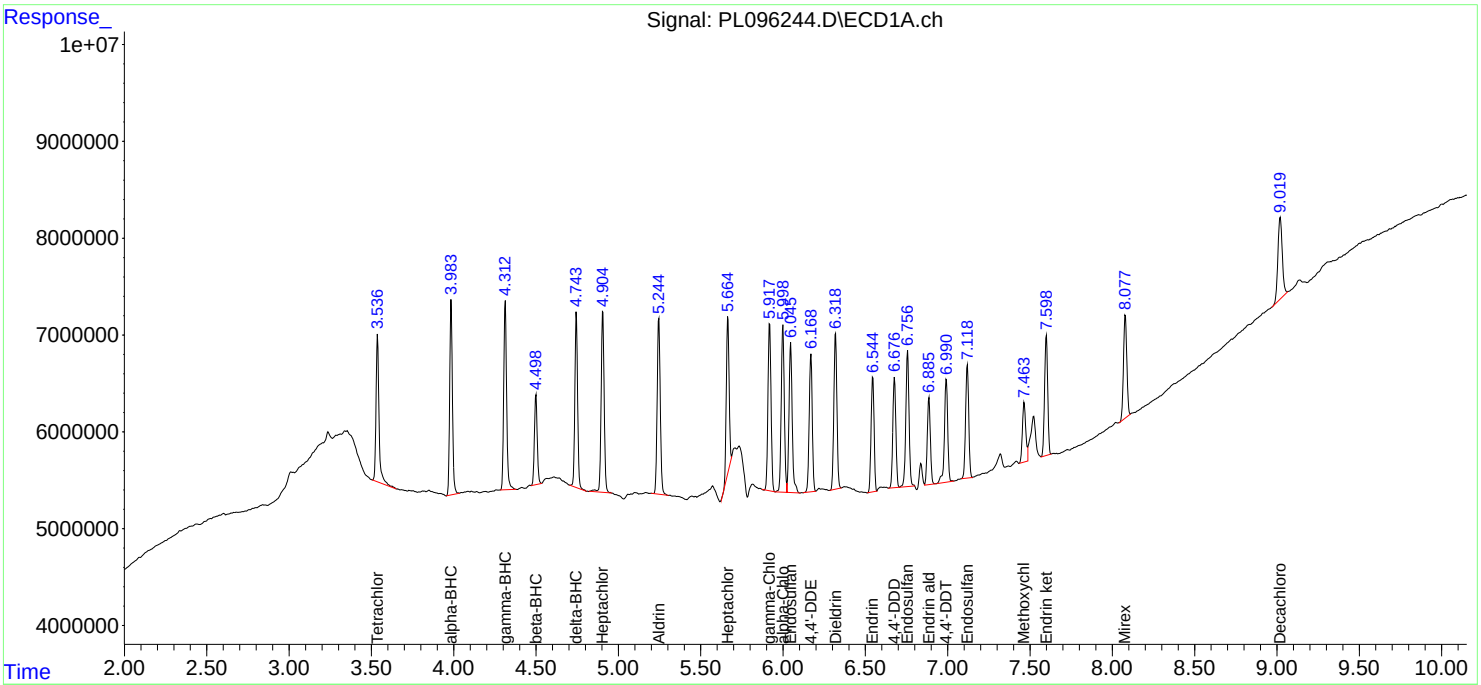
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

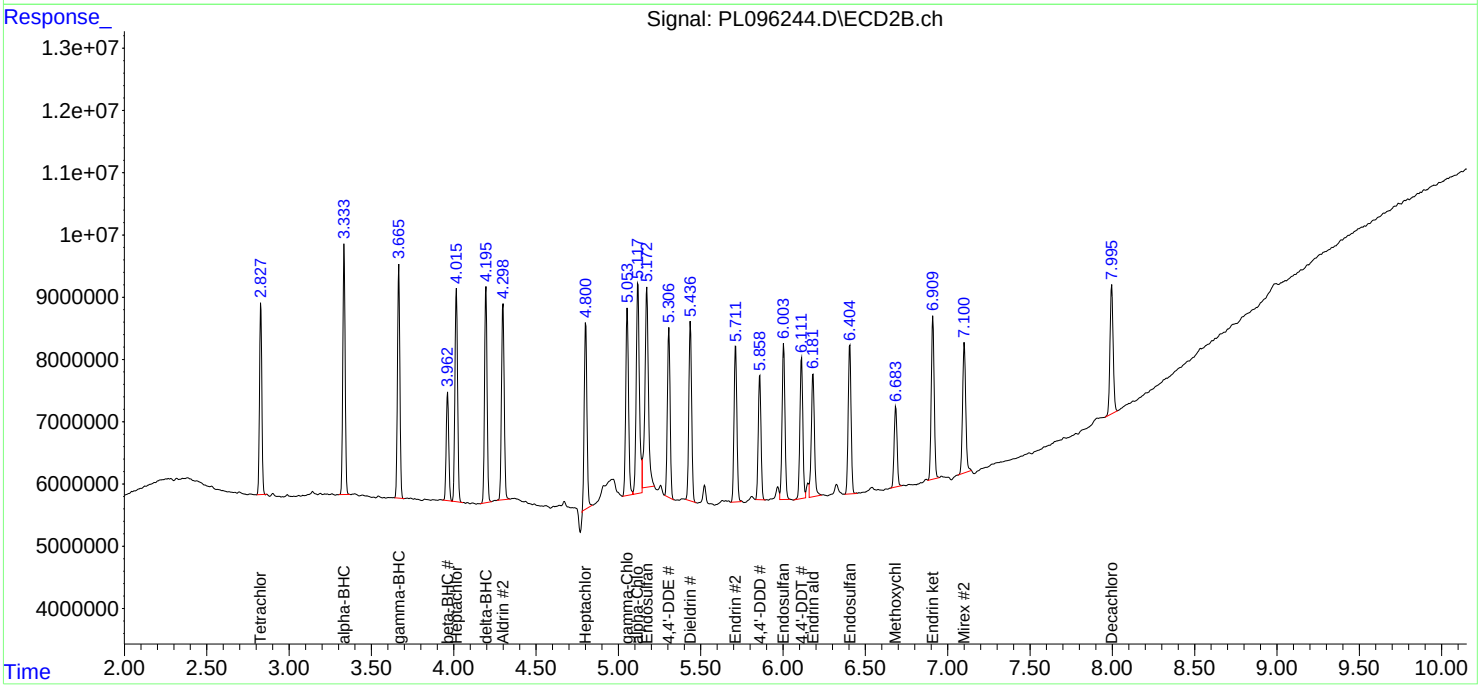
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 14:00:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 12:30
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 14:08:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 14:08:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.537	2.828	171.6E6	355.1E6	50.000	50.000
28)	SA Decachlor...	9.019	7.996	132.7E6	239.1E6	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.693	3.841	88704924	117.7E6	500.000	500.000
24)	Chlordane-2	5.217	4.420	95284319	136.1E6	500.000	500.000
25)	Chlordane-3	5.920	5.055	369.2E6	398.6E6	500.000	500.000
26)	Chlordane-4	6.004	5.118	448.0E6	362.9E6	500.000	500.000
27)	Chlordane-5	6.841	6.013	71924209	141.5E6	500.000	500.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

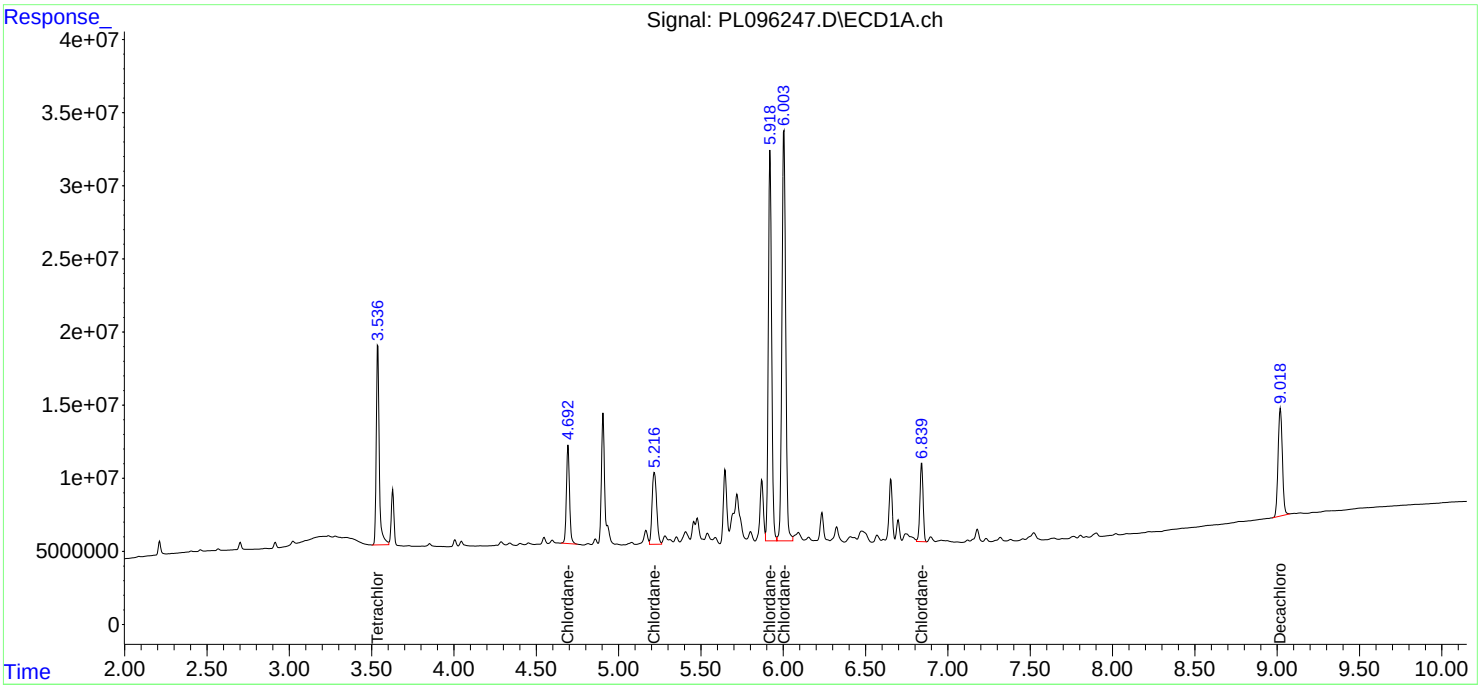
ICAL Form

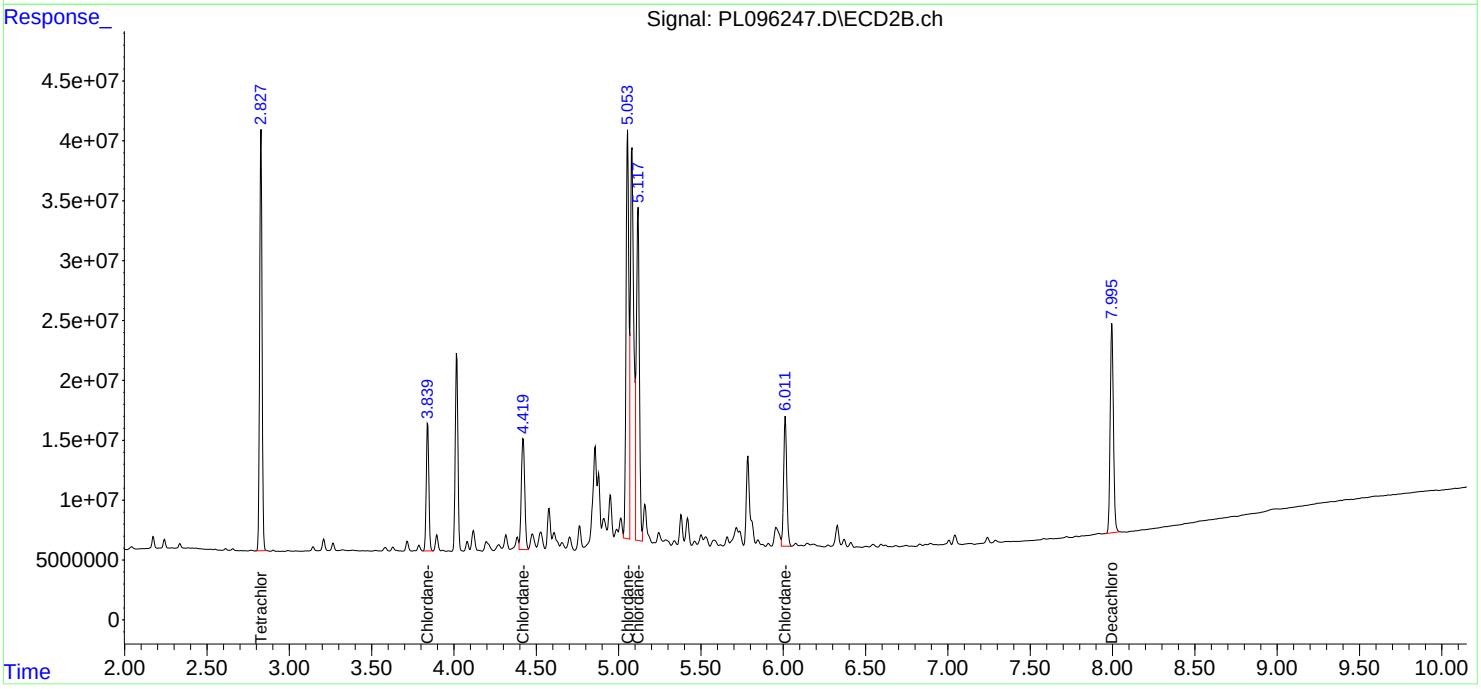
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 12:30
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 14:08:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 14:08:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 13:39
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 14:57:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 14:57:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.538	2.829	188.7E6	298.9E6	50.000	50.000
7) SA	Decachlor...	9.020	7.997	144.9E6	263.3E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.215	5.077	15012733	18353677	500.000	500.000
3)	Toxaphene-2	6.614	5.763	13059638	25924116	500.000	500.000
4)	Toxaphene-3	7.027	6.043	60047575	25708745	500.000	500.000
5)	Toxaphene-4	7.117	6.678	42985480	83206906	500.000	500.000
6)	Toxaphene-5	7.896	7.118	30902169	50709284	500.000	500.000

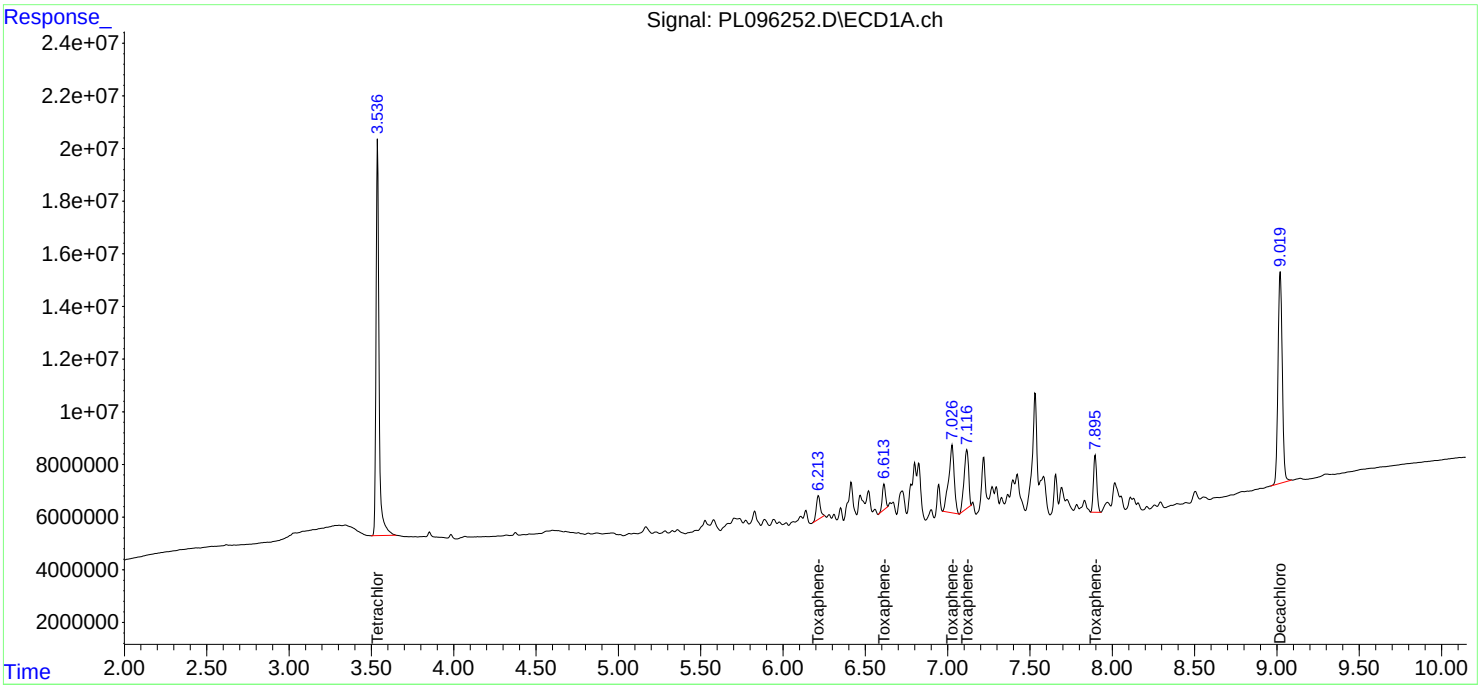
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

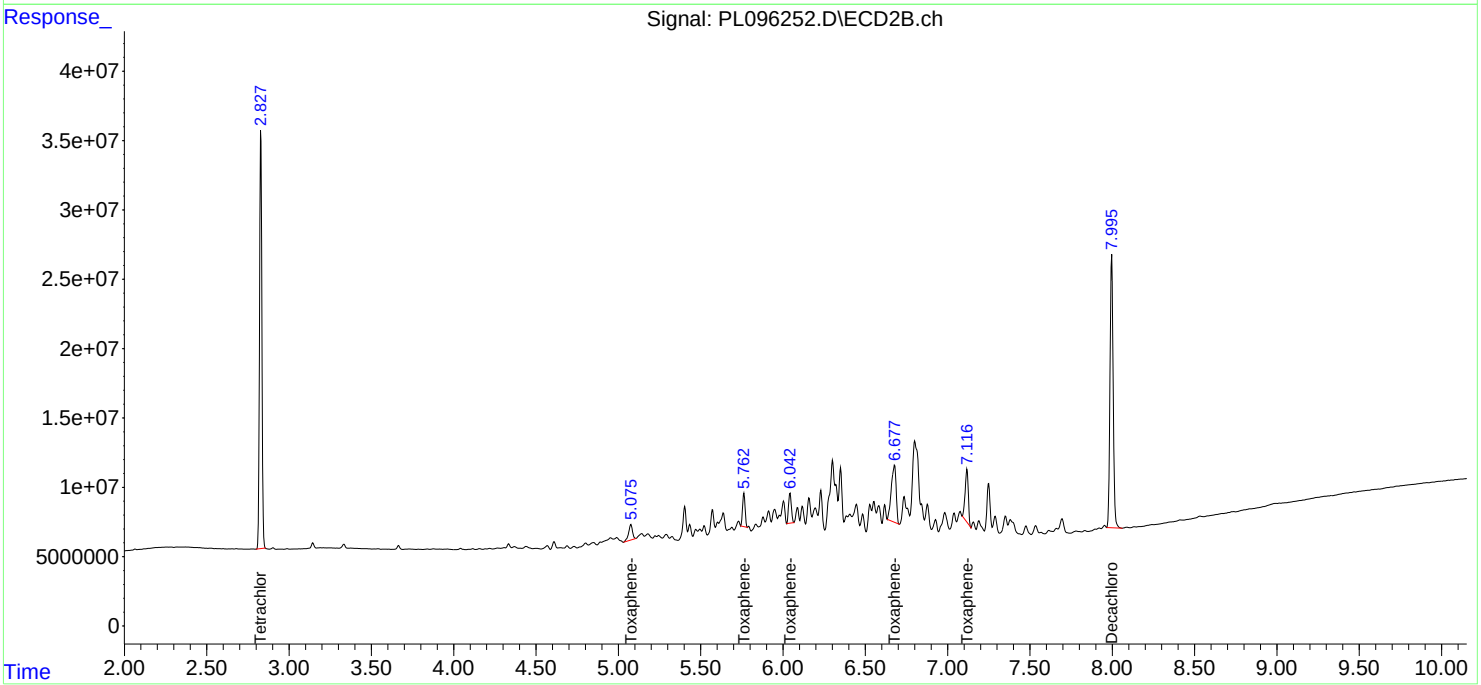
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 13:39
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 14:57:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 14:57:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 14:19
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL070725

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:23:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.538	2.829	186.5E6	292.8E6	51.121	50.727
28)	SA Decachlor...	9.022	7.997	140.6E6	252.5E6	49.997	50.646
	Target Compounds						
2)	A alpha-BHC	3.985	3.335	267.9E6	439.5E6	52.090	52.104
3)	MA gamma-BHC...	4.314	3.668	258.2E6	407.2E6	51.852	51.705
4)	MA Heptachlor	4.906	4.017	239.3E6	393.6E6	52.226	51.743
5)	MB Aldrin	5.245	4.300	247.3E6	377.0E6	51.152m	51.670
6)	B beta-BHC	4.500	3.964	105.6E6	173.3E6	50.792	50.626
7)	B delta-BHC	4.746	4.197	234.7E6	398.9E6	52.366	51.789
8)	B Heptachlo...	5.664	4.802	220.5E6	343.2E6	53.133m	51.344
9)	A Endosulfan I	6.047	5.174	205.2E6	331.1E6	50.831	46.148
10)	B gamma-Chl...	5.919	5.055	225.5E6	357.7E6	50.971	50.960
11)	B alpha-Chl...	6.000	5.119	222.4E6	359.0E6	50.784	47.738
12)	B 4,4'-DDE	6.170	5.308	190.6E6	334.4E6	51.411	51.739
13)	MA Dieldrin	6.320	5.438	215.9E6	351.2E6	51.070	51.494
14)	MA Endrin	6.546	5.713	165.8E6	314.2E6	53.309	51.541
15)	B Endosulfa...	6.758	6.005	180.6E6	300.7E6	52.046	51.281
16)	A 4,4'-DDD	6.679	5.860	150.5E6	262.9E6	51.690	51.256
17)	MA 4,4'-DDT	6.993	6.113	158.7E6	297.6E6	52.301	51.897
18)	B Endrin al...	6.887	6.183	122.0E6	220.2E6	54.555	49.434
19)	B Endosulfa...	7.120	6.406	156.8E6	287.8E6	51.259	51.179
20)	A Methoxychlor	7.465	6.685	80931127	156.5E6	51.372	51.507
21)	B Endrin ke...	7.600	6.911	170.6E6	319.2E6	51.674	51.060
22)	Mirex	8.080	7.102	139.8E6	249.2E6	50.233	50.167

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 14:19
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

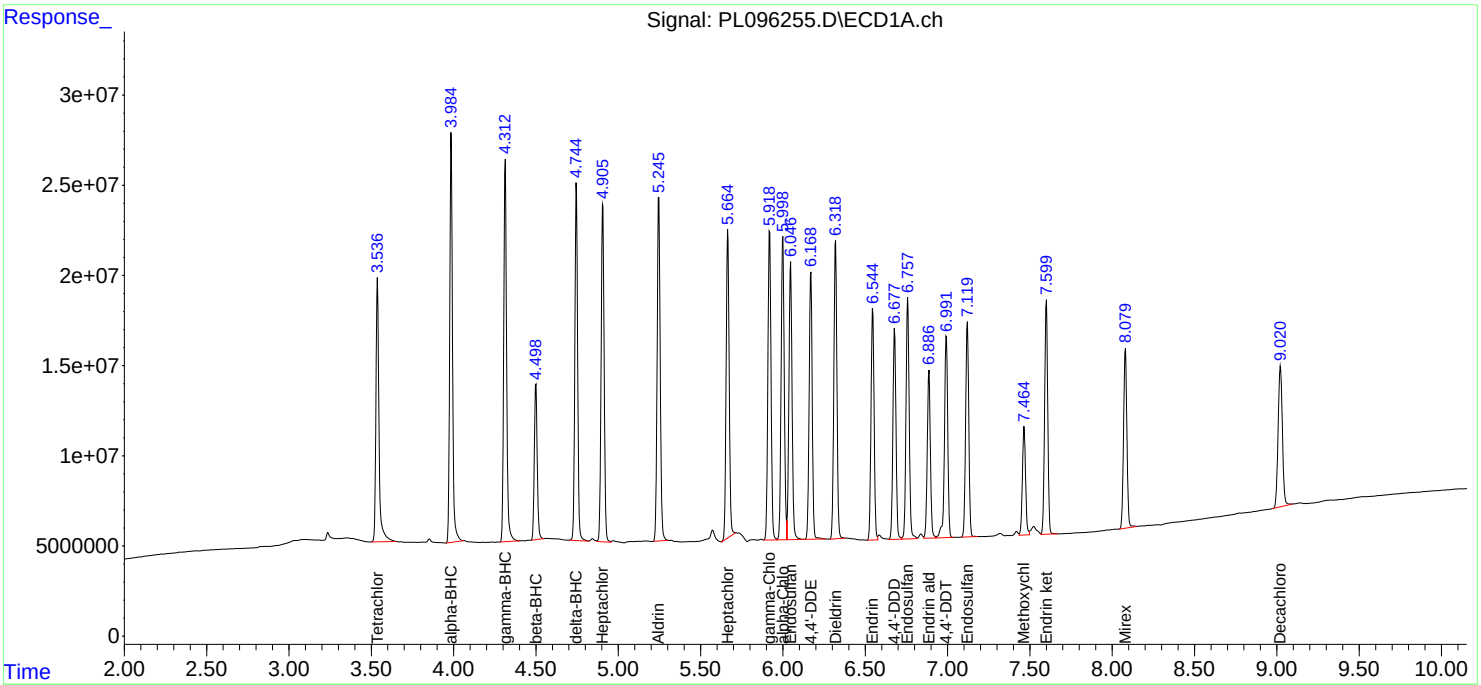
Instrument :
ECD_L
ClientSampleId :
ICVPL070725

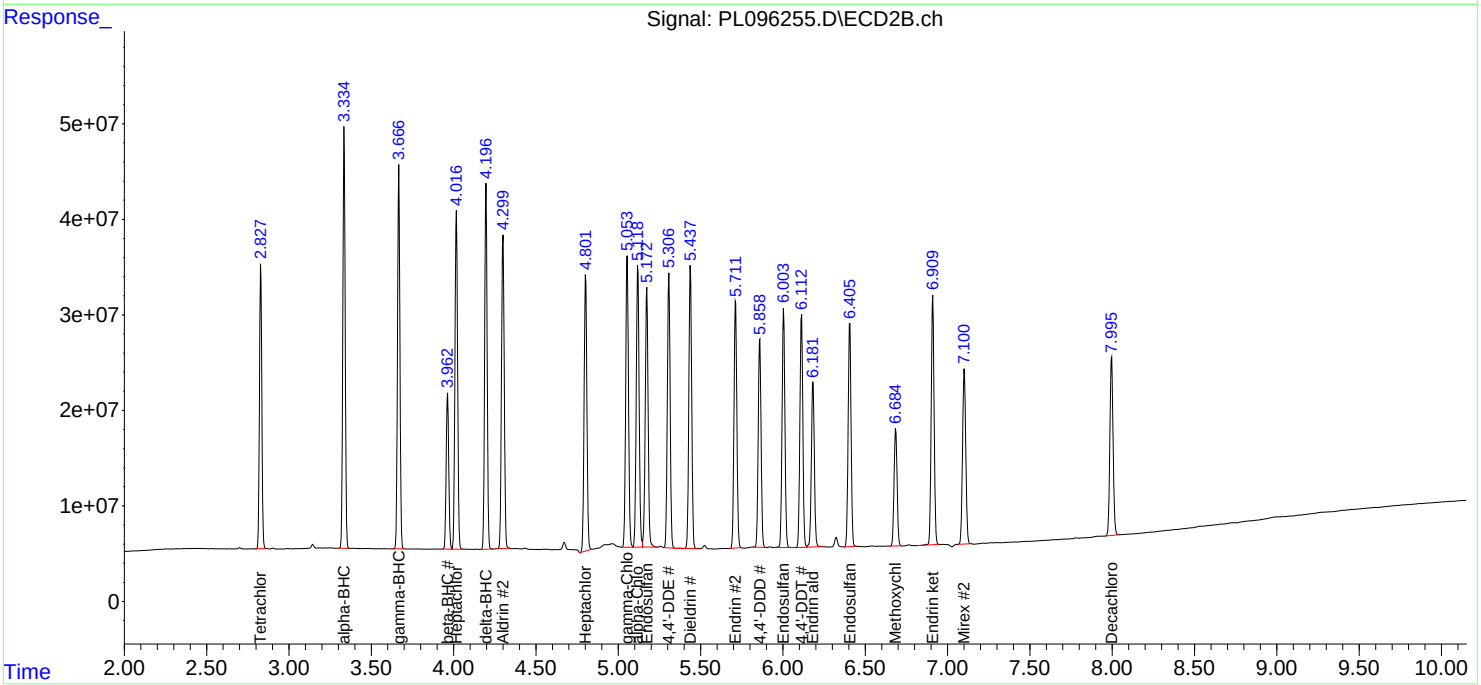
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:23:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 14:33
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL070725

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 14:49:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 14:49:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.537	2.828	175.5E6	356.0E6	50.385	50.184
28)	SA Decachlor...	9.020	7.996	132.8E6	244.6E6	44.672	47.568
	Target Compounds						
23)	Chlordane-1	4.691	3.841	89634627	118.6E6	499.813m	501.718
24)	Chlordane-2	5.216	4.420	97490875	136.9E6	497.961	497.991
25)	Chlordane-3	5.920	5.054	374.3E6	402.4E6	507.981	500.221
26)	Chlordane-4	6.005	5.118	453.1E6	361.6E6	504.966	481.217
27)	Chlordane-5	6.841	6.013	72507096	142.2E6	480.381	501.557

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 14:33
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

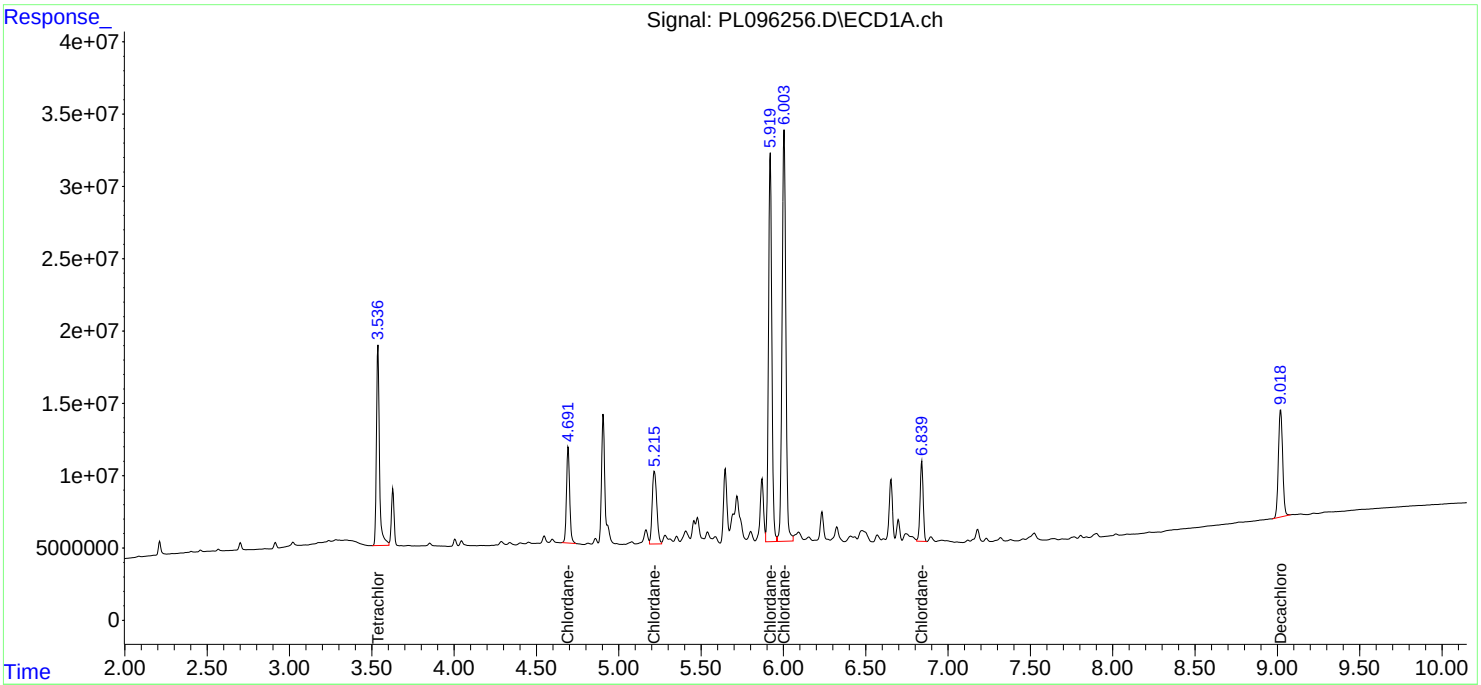
Instrument :
ECD_L
ClientSampleId :
ICVPL070725

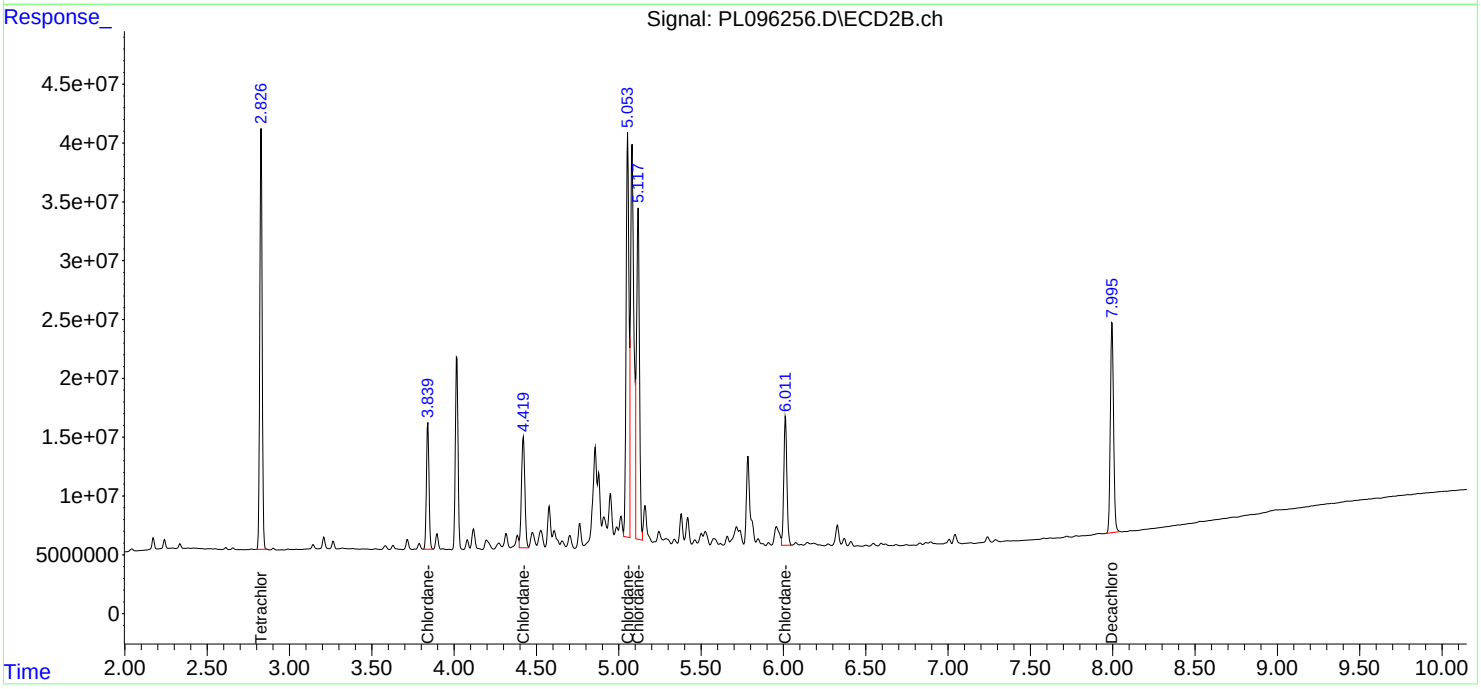
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 14:49:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 14:49:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096257.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 14:47
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL070725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:06:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:04:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.537	2.829	190.0E6	297.8E6	49.637	49.308
7)	SA Decachlor...	9.020	7.996	143.5E6	264.2E6	47.793	48.598
	Target Compounds						
2)	Toxaphene-1	6.214	5.076	14908027	19002844	468.749	518.590
3)	Toxaphene-2	6.613	5.763	13480312	25791307	490.338	499.777
4)	Toxaphene-3	7.027	6.042	61048763	26083355	499.748	494.140
5)	Toxaphene-4	7.118	6.678	43785631	83941933	495.261	506.994
6)	Toxaphene-5	7.896	7.117	31207180	51731048	500.409	496.894

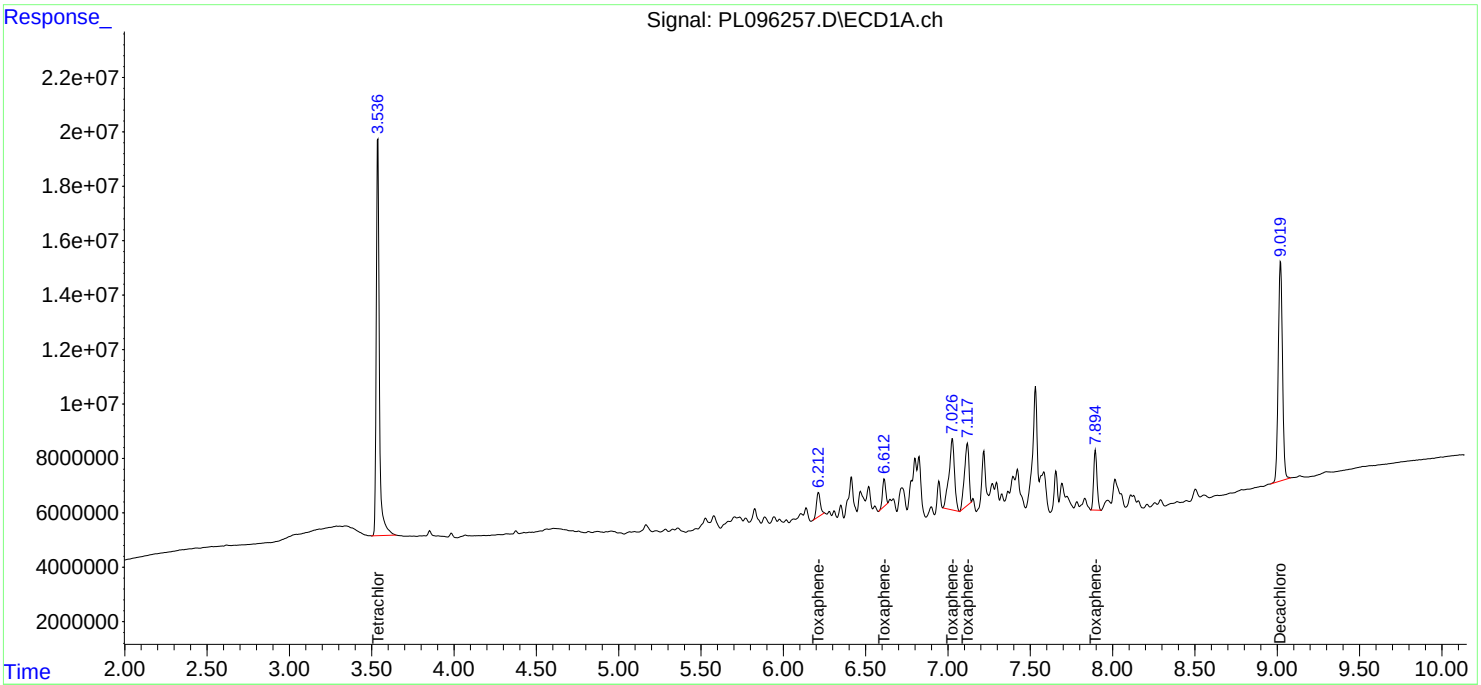
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

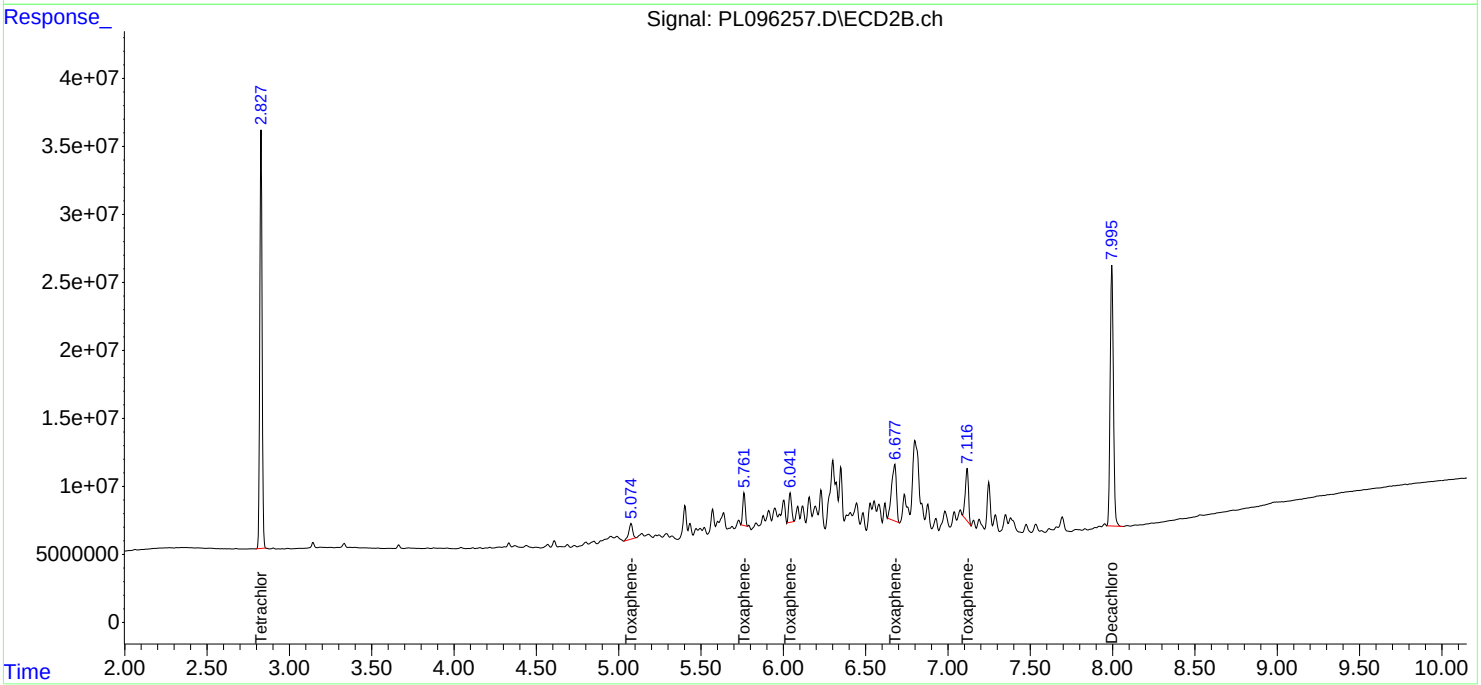
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096257.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 14:47
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL070725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:06:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:04:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.25µm





Raw Data: **PD089668.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 14:35 **Initial Calibration Time(s):** 12:49 13:44

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.07	8.97	9.17	-0.01
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
gamma-BHC (Lindane)	4.34	4.33	4.23	4.43	-0.01
Heptachlor	4.94	4.93	4.83	5.03	-0.01
Heptachlor epoxide	5.70	5.69	5.59	5.79	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.50	7.49	7.39	7.59	-0.01

Raw Data: **PD089668.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 14:35 **Initial Calibration Time(s):** 12:49 13:44

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00

Raw Data: **PD089668.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089668.D **Time Analyzed:** 14:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.081	8.971	9.171	56.770	50.000	13.5
Endrin	6.582	6.472	6.672	54.490	50.000	9.0
gamma-BHC (Lindane)	4.338	4.228	4.428	53.490	50.000	7.0
Heptachlor	4.937	4.827	5.027	48.240	50.000	-3.5
Heptachlor epoxide	5.699	5.588	5.788	53.780	50.000	7.6
Methoxychlor	7.501	7.392	7.592	50.280	50.000	0.6
Tetrachloro-m-xylene	3.557	3.448	3.648	50.420	50.000	0.8

Raw Data: **PD089668.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089668.D **Time Analyzed:** 14:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.070	7.970	8.170	46.190	50.000	-7.6
Endrin	5.787	5.687	5.887	45.910	50.000	-8.2
gamma-BHC (Lindane)	3.728	3.627	3.827	47.390	50.000	-5.2
Heptachlor	4.081	3.980	4.180	44.990	50.000	-10.0
Heptachlor epoxide	4.871	4.770	4.970	46.820	50.000	-6.4
Methoxychlor	6.752	6.651	6.851	41.450	50.000	-17.1
Tetrachloro-m-xylene	2.878	2.779	2.979	46.680	50.000	-6.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089668.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 14:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:41:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.557	2.878	145.3E6	913.3E6	50.420	46.680
28)	SA Decachlor...	9.081	8.070	233.1E6	1134.8E6	56.765	46.187
	Target Compounds						
2)	A alpha-BHC	4.007	3.391	313.7E6	1422.2E6	54.936	47.337
3)	MA gamma-BHC...	4.338	3.728	295.2E6	1315.6E6	53.494	47.386
4)	MA Heptachlor	4.937	4.081	263.1E6	1260.6E6	48.243	44.991
5)	MB Aldrin	5.278	4.367	282.4E6	1282.8E6	53.963	46.840
6)	B beta-BHC	4.524	4.023	107.9E6	550.4E6	50.063	46.239
7)	B delta-BHC	4.771	4.260	291.5E6	1317.6E6	55.154m	47.231
8)	B Heptachlo...	5.699	4.871	254.0E6	1163.9E6	53.782	46.816
9)	A Endosulfan I	6.082	5.245	239.7E6	1088.3E6	53.914	45.832
10)	B gamma-Chl...	5.954	5.124	255.7E6	1230.7E6	53.925	46.001
11)	B alpha-Chl...	6.035	5.188	254.3E6	1175.2E6	53.341	45.563
12)	B 4,4'-DDE	6.204	5.373	232.9E6	1190.6E6	54.250	45.345
13)	MA Dieldrin	6.355	5.511	261.6E6	1222.0E6	55.419	46.240
14)	MA Endrin	6.582	5.787	221.9E6	1110.2E6	54.487	45.911
15)	B Endosulfa...	6.794	6.079	221.3E6	1038.6E6	54.380	45.220
16)	A 4,4'-DDD	6.713	5.928	190.0E6	983.2E6	56.075	44.851
17)	MA 4,4'-DDT	7.029	6.182	206.7E6	1027.2E6	54.781	43.885
18)	B Endrin al...	6.923	6.258	149.1E6	727.1E6	51.144	43.810
19)	B Endosulfa...	7.157	6.481	205.6E6	1005.3E6	54.475	45.286
20)	A Methoxychlor	7.501	6.752	100.8E6	505.4E6	50.282	41.450
21)	B Endrin ke...	7.638	6.990	220.3E6	1080.2E6	54.740	44.108
22)	Mirex	8.121	7.183	151.0E6	789.1E6	49.080	40.822

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PD089668.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089668.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 14:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

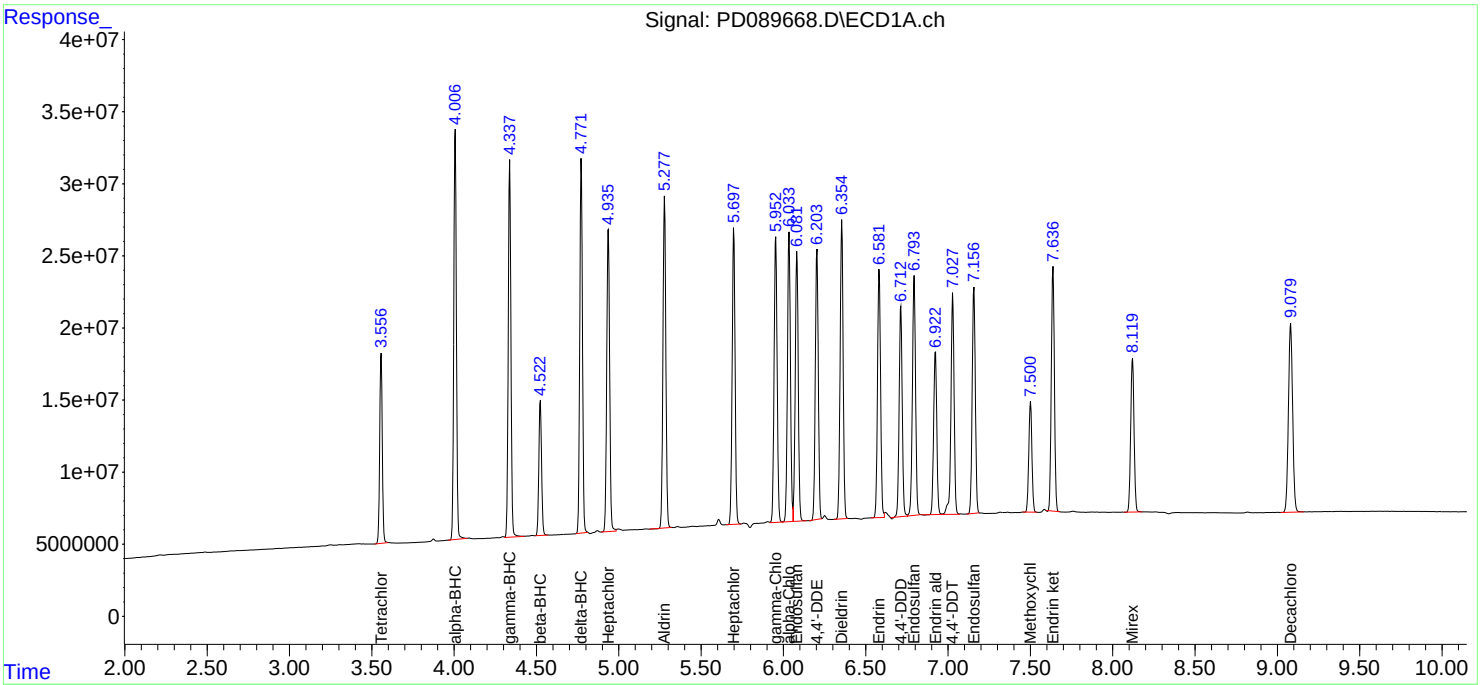
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

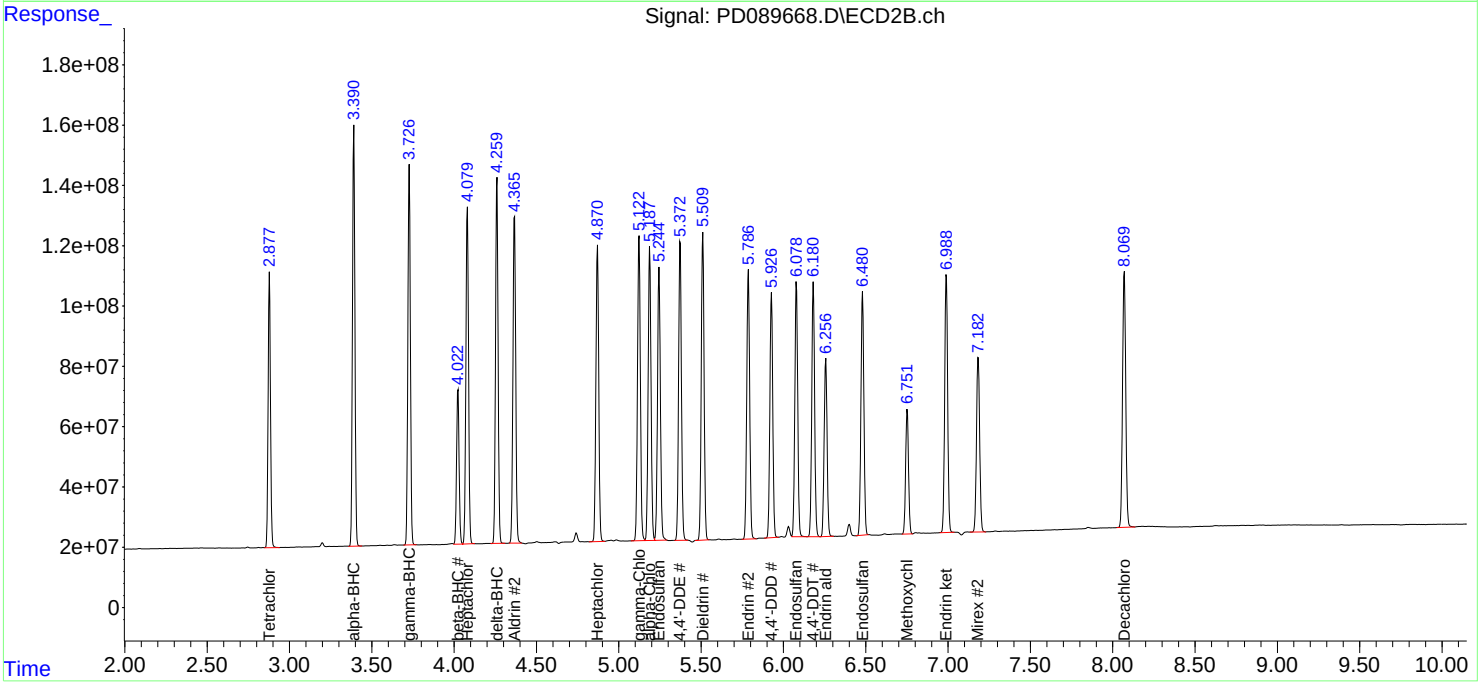
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:41:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PD089675.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 18:41 **Initial Calibration Time(s):** 12:49 13:44

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.07	8.97	9.17	-0.01
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
gamma-BHC (Lindane)	4.34	4.33	4.23	4.43	-0.01
Heptachlor	4.94	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.70	5.69	5.59	5.79	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.50	7.49	7.39	7.59	-0.01

Raw Data: **PD089675.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/29/2025 **Initial Calibration Date(s):** 07/21/2025 07/21/2025

Continuing Calib Time: 18:41 **Initial Calibration Time(s):** 12:49 13:44

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089675.D **Time Analyzed:** 18:41

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.079	8.971	9.171	48.600	50.000	-2.8
Endrin	6.580	6.472	6.672	53.670	50.000	7.3
gamma-BHC (Lindane)	4.336	4.228	4.428	53.510	50.000	7.0
Heptachlor	4.935	4.827	5.027	46.050	50.000	-7.9
Heptachlor epoxide	5.697	5.588	5.788	53.610	50.000	7.2
Methoxychlor	7.499	7.392	7.592	49.550	50.000	-0.9
Tetrachloro-m-xylene	3.556	3.448	3.648	49.960	50.000	-0.1

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/29/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089675.D **Time Analyzed:** 18:41

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.070	7.970	8.170	40.880	50.000	-18.2
Endrin	5.787	5.687	5.887	45.650	50.000	-8.7
gamma-BHC (Lindane)	3.727	3.627	3.827	47.480	50.000	-5.0
Heptachlor	4.080	3.980	4.180	44.760	50.000	-10.5
Heptachlor epoxide	4.870	4.770	4.970	47.240	50.000	-5.5
Methoxychlor	6.752	6.651	6.851	41.420	50.000	-17.2
Tetrachloro-m-xylene	2.878	2.779	2.979	46.880	50.000	-6.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089675.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 18:41
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 03:20:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.556	2.878	143.9E6	917.3E6	49.956	46.883
28)	SA Decachlor...	9.079	8.070	199.6E6	1004.3E6	48.603	40.877
	Target Compounds						
2)	A alpha-BHC	4.005	3.391	311.9E6	1431.1E6	54.625	47.631
3)	MA gamma-BHC...	4.336	3.727	295.2E6	1318.1E6	53.508	47.478
4)	MA Heptachlor	4.935	4.080	251.1E6	1254.1E6	46.049	44.761
5)	MB Aldrin	5.276	4.366	284.1E6	1291.0E6	54.296	47.139
6)	B beta-BHC	4.522	4.023	108.7E6	551.4E6	50.427	46.324
7)	B delta-BHC	4.771	4.260	288.3E6	1324.3E6	54.557	47.474
8)	B Heptachlo...	5.697	4.870	253.2E6	1174.4E6	53.606	47.238
9)	A Endosulfan I	6.080	5.244	239.4E6	1106.2E6	53.850	46.585
10)	B gamma-Chl...	5.952	5.123	256.0E6	1236.4E6	53.999	46.216
11)	B alpha-Chl...	6.033	5.188	254.6E6	1185.9E6	53.404	45.978
12)	B 4,4'-DDE	6.201	5.373	234.0E6	1199.3E6	54.497	45.678
13)	MA Dieldrin	6.352	5.511	261.7E6	1228.6E6	55.433	46.490
14)	MA Endrin	6.580	5.787	218.6E6	1104.0E6	53.673	45.654
15)	B Endosulfa...	6.792	6.078	213.9E6	1045.2E6	52.575	45.506
16)	A 4,4'-DDD	6.711	5.927	188.2E6	993.9E6	55.536	45.338
17)	MA 4,4'-DDT	7.027	6.181	205.1E6	1019.7E6	54.356	43.562
18)	B Endrin al...	6.921	6.257	149.2E6	730.3E6	51.164	43.999
19)	B Endosulfa...	7.155	6.480	205.4E6	1011.5E6	54.410	45.565
20)	A Methoxychlor	7.499	6.752	99334373	505.0E6	49.546	41.418
21)	B Endrin ke...	7.635	6.990	220.4E6	1093.0E6	54.764	44.632
22)	Mirex	8.118	7.183	151.0E6	795.0E6	49.096	41.129

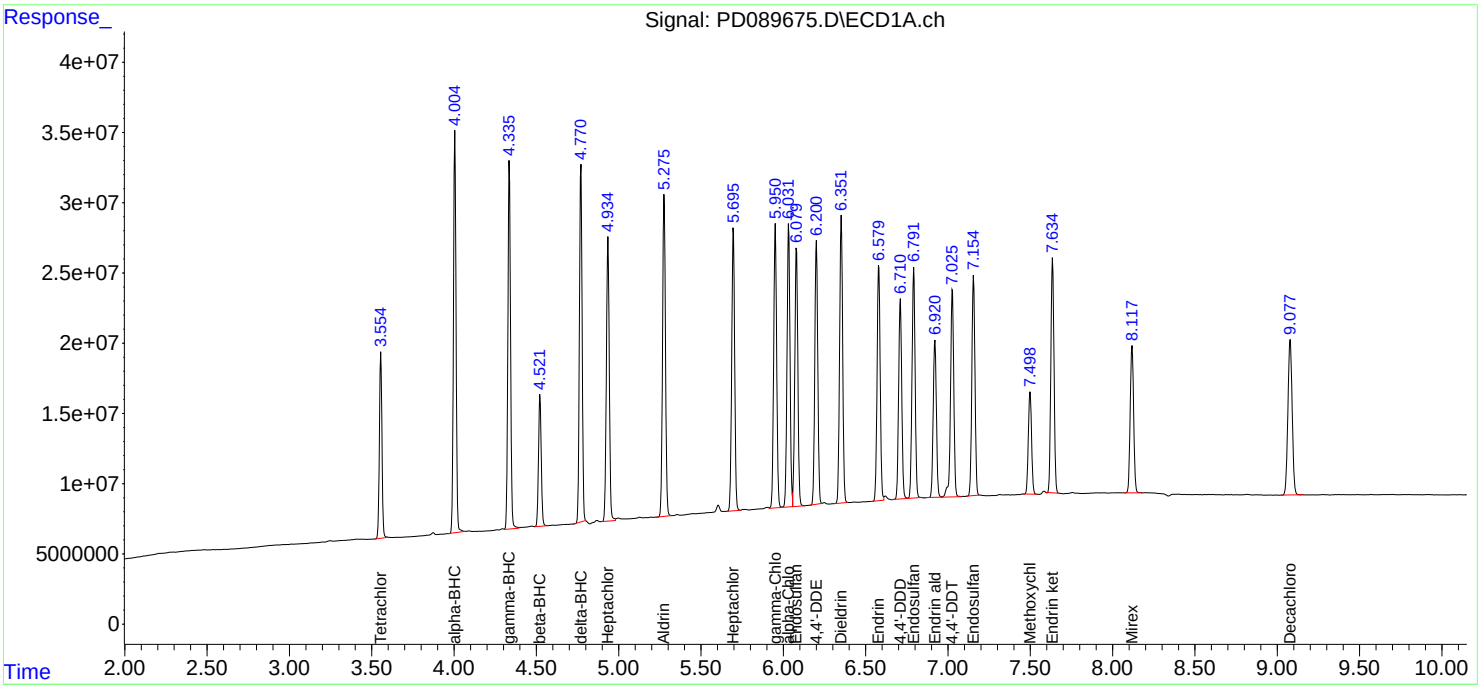
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

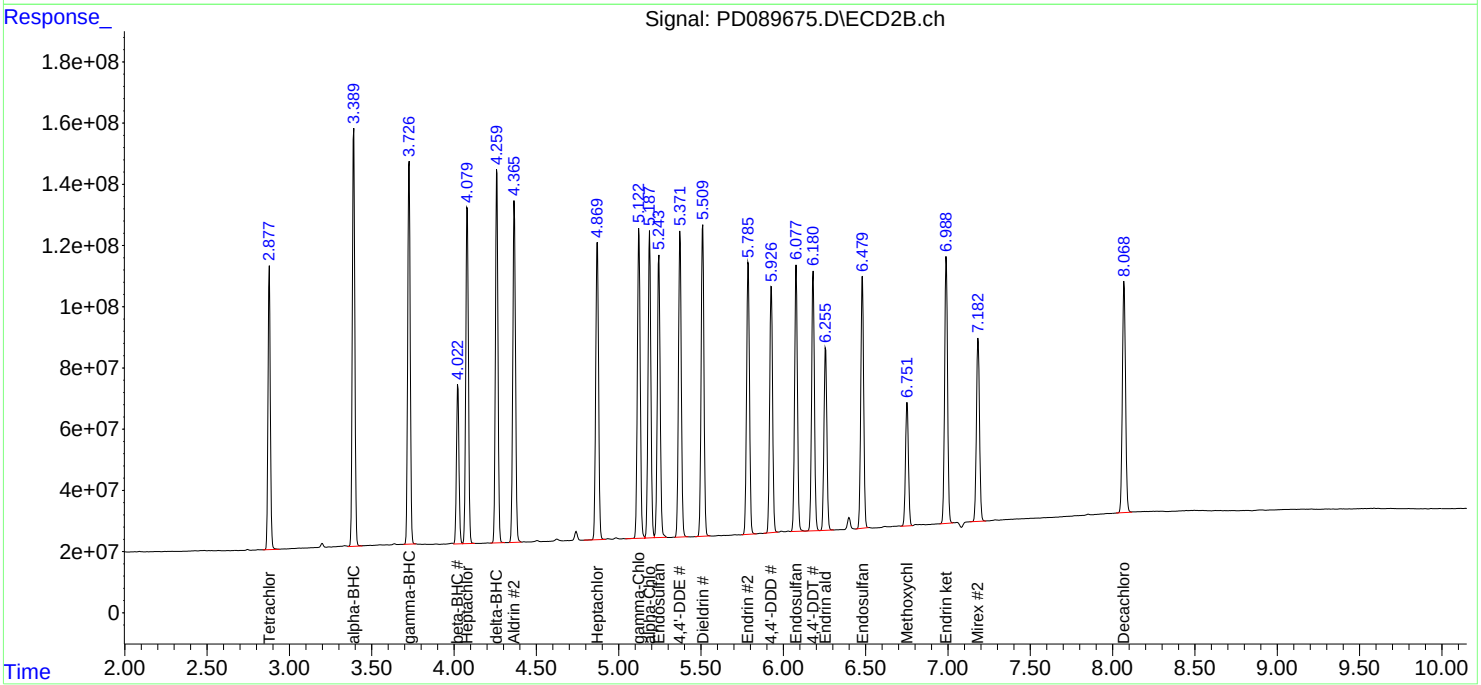
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089675.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 18:41
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 03:20:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Raw Data: **PL096553.D**

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 11:28 **Initial Calibration Time(s):** 10:53 11:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.91	4.81	5.01	0.01
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endrin	6.54	6.55	6.45	6.65	0.01
Methoxychlor	7.46	7.46	7.36	7.56	0.00

Raw Data: **PL096553.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 11:28 **Initial Calibration Time(s):** 10:53 11:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.99	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.66	3.67	3.57	3.77	0.01
Heptachlor	4.01	4.02	3.92	4.12	0.01
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

Raw Data: **PL096553.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/24/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096553.D **Time Analyzed:** 11:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.017	8.920	9.120	54.750	50.000	9.5
Endrin	6.543	6.445	6.645	52.690	50.000	5.4
gamma-BHC (Lindane)	4.311	4.213	4.413	57.100	50.000	14.2
Heptachlor	4.903	4.806	5.006	54.190	50.000	8.4
Heptachlor epoxide	5.662	5.565	5.765	57.860	50.000	15.7
Methoxychlor	7.463	7.364	7.564	57.890	50.000	15.8
Tetrachloro-m-xylene	3.535	3.438	3.638	55.150	50.000	10.3

Raw Data: **PL096553.D**

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/24/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096553.D **Time Analyzed:** 11:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.993	7.896	8.096	47.090	50.000	-5.8
Endrin	5.709	5.612	5.812	56.050	50.000	12.1
gamma-BHC (Lindane)	3.664	3.567	3.767	57.790	50.000	15.6
Heptachlor	4.013	3.917	4.117	55.010	50.000	10.0
Heptachlor epoxide	4.798	4.702	4.902	56.250	50.000	12.5
Methoxychlor	6.681	6.584	6.784	54.670	50.000	9.3
Tetrachloro-m-xylene	2.827	2.729	2.929	57.210	50.000	14.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 11:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:30:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.535	2.827	201.2E6	330.2E6	55.147	57.215
28)	SA Decachlor...	9.017	7.993	154.0E6	234.8E6	54.746	47.086
	Target Compounds						
2)	A alpha-BHC	3.983	3.332	296.9E6	495.7E6	57.727	58.771
3)	MA gamma-BHC...	4.311	3.664	284.3E6	455.2E6	57.097	57.791
4)	MA Heptachlor	4.903	4.013	248.2E6	418.5E6	54.185	55.011
5)	MB Aldrin	5.243	4.296	262.5E6	419.0E6	54.307	57.431
6)	B beta-BHC	4.497	3.960	118.6E6	190.5E6	57.049	55.643
7)	B delta-BHC	4.743	4.193	260.9E6	442.8E6	58.220	57.486
8)	B Heptachlo...	5.662	4.798	240.1E6	376.0E6	57.859	56.249
9)	A Endosulfan I	6.045	5.169	223.4E6	340.0E6	55.323	47.388
10)	B gamma-Chl...	5.915	5.050	235.4E6	397.3E6	53.200m	56.603
11)	B alpha-Chl...	5.997	5.114	240.7E6	387.1E6	54.961	51.471
12)	B 4,4'-DDE	6.167	5.304	199.3E6	359.6E6	53.754	55.639
13)	MA Dieldrin	6.316	5.432	218.2E6	385.9E6	51.596	56.585m
14)	MA Endrin	6.543	5.709	163.9E6	341.7E6	52.689	56.046
15)	B Endosulfa...	6.756	6.000	181.5E6	311.8E6	52.315	53.170
16)	A 4,4'-DDD	6.676	5.856	173.8E6	306.7E6	59.703	59.794
17)	MA 4,4'-DDT	6.990	6.109	139.2E6	269.7E6	45.868	47.034
18)	B Endrin al...	6.885	6.179	125.1E6	232.6E6	55.962	52.217
19)	B Endosulfa...	7.118	6.402	152.6E6	290.2E6	49.890	51.596
20)	A Methoxychlor	7.463	6.681	91202144	166.1E6	57.892	54.675
21)	B Endrin ke...	7.598	6.906	159.3E6	314.5E6	48.264	50.302
22)	Mirex	8.077	7.097	130.8E6	222.6E6	47.030	44.810

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL096553.D**

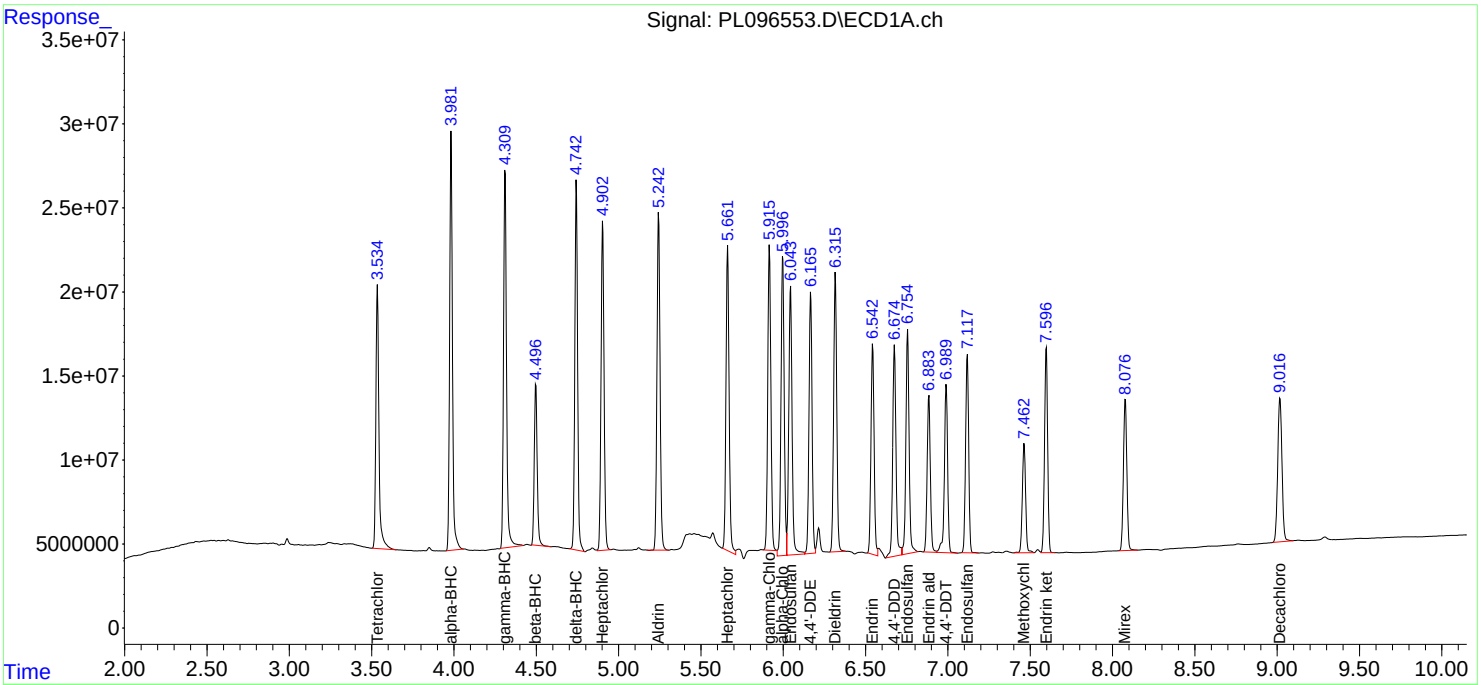
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 11:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

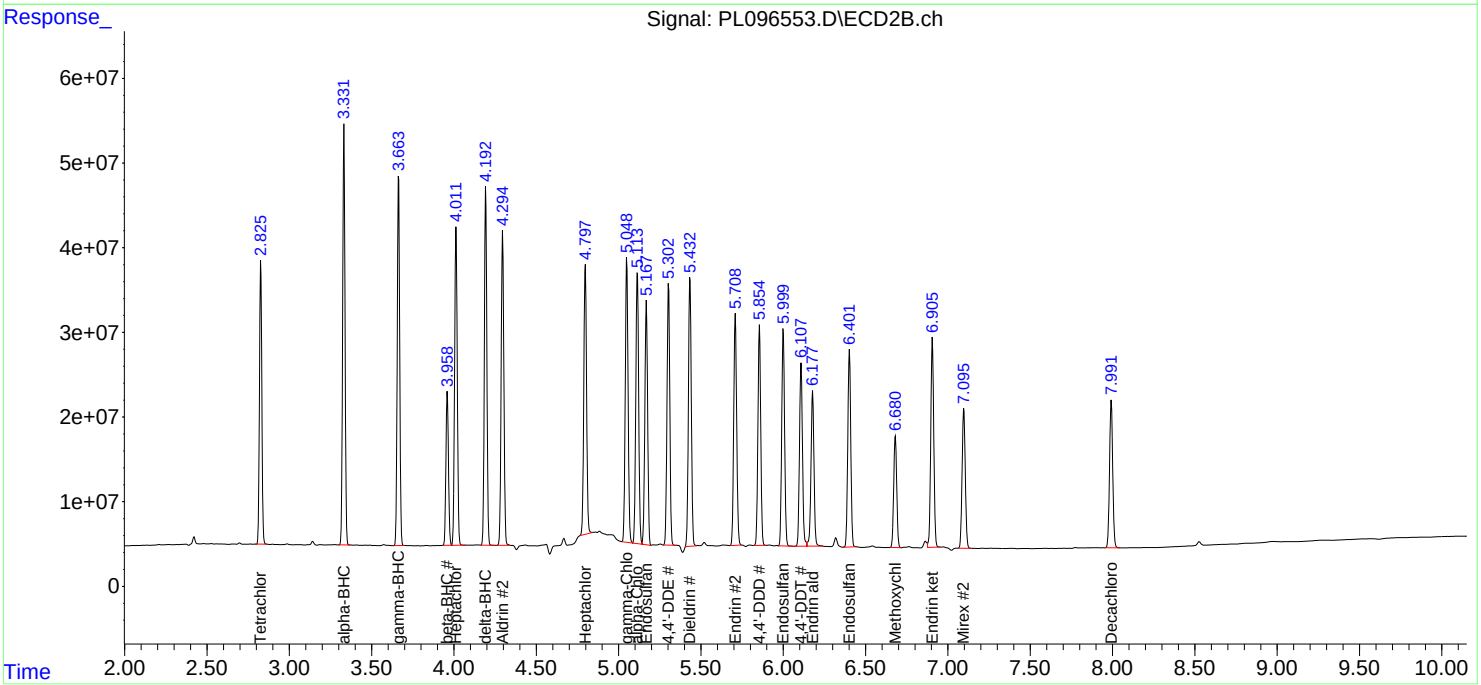
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:30:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Raw Data: **PL096568.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 18:51 **Initial Calibration Time(s):** 10:53 11:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.91	4.81	5.01	0.01
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endrin	6.54	6.55	6.45	6.65	0.01
Methoxychlor	7.46	7.46	7.36	7.56	0.00

Raw Data: **PL096568.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 18:51 **Initial Calibration Time(s):** 10:53 11:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.99	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.00
Heptachlor	4.02	4.02	3.92	4.12	0.01
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

Raw Data: **PL096568.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/24/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096568.D **Time Analyzed:** 18:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.016	8.920	9.120	57.800	50.000	15.6
Endrin	6.543	6.445	6.645	57.090	50.000	14.2
gamma-BHC (Lindane)	4.312	4.213	4.413	56.850	50.000	13.7
Heptachlor	4.903	4.806	5.006	57.150	50.000	14.3
Heptachlor epoxide	5.663	5.565	5.765	57.210	50.000	14.4
Methoxychlor	7.461	7.364	7.564	59.290	50.000	18.6
Tetrachloro-m-xylene	3.536	3.438	3.638	56.140	50.000	12.3

Raw Data: **PL096568.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/24/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096568.D **Time Analyzed:** 18:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.993	7.896	8.096	38.640	50.000	-22.7
Endrin	5.710	5.612	5.812	54.160	50.000	8.3
gamma-BHC (Lindane)	3.666	3.567	3.767	58.700	50.000	17.4
Heptachlor	4.015	3.917	4.117	56.670	50.000	13.3
Heptachlor epoxide	4.800	4.702	4.902	55.590	50.000	11.2
Methoxychlor	6.682	6.584	6.784	59.020	50.000	18.0
Tetrachloro-m-xylene	2.829	2.729	2.929	58.000	50.000	16.0

Sample Results: **PL096568.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096568.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 18:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:35:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.536	2.829	204.9E6	334.7E6	56.143	58.000
28)	SA Decachlor...	9.016	7.993	162.6E6	192.7E6	57.803	38.644 #
	Target Compounds						
2)	A alpha-BHC	3.983	3.334	298.1E6	505.1E6	57.968	59.885
3)	MA gamma-BHC...	4.312	3.666	283.1E6	462.3E6	56.848	58.697
4)	MA Heptachlor	4.903	4.015	261.8E6	431.2E6	57.145	56.673
5)	MB Aldrin	5.243	4.298	263.5E6	422.6E6	54.518	57.922
6)	B beta-BHC	4.498	3.962	117.5E6	192.6E6	56.523	56.245
7)	B delta-BHC	4.744	4.195	261.2E6	446.9E6	58.296	58.020
8)	B Heptachlo...	5.663	4.800	237.4E6	371.6E6	57.211	55.590
9)	A Endosulfan I	6.044	5.171	220.3E6	333.3E6	54.562	46.457
10)	B gamma-Chl...	5.915	5.052	238.3E6	388.3E6	53.847m	55.310
11)	B alpha-Chl...	5.997	5.116	243.1E6	378.4E6	55.522	50.320
12)	B 4,4'-DDE	6.167	5.305	203.3E6	353.2E6	54.839	54.648
13)	MA Dieldrin	6.317	5.435	228.4E6	378.6E6	54.026	55.519m
14)	MA Endrin	6.543	5.710	177.6E6	330.2E6	57.091	54.164
15)	B Endosulfa...	6.755	6.002	182.3E6	311.2E6	52.530m	53.075
16)	A 4,4'-DDD	6.674	5.857	172.5E6	300.1E6	59.239m	58.520
17)	MA 4,4'-DDT	6.990	6.110	154.4E6	267.3E6	50.867	46.614
18)	B Endrin al...	6.883	6.180	127.5E6	231.7E6	57.042m	52.006
19)	B Endosulfa...	7.118	6.403	160.2E6	308.8E6	52.364	54.896
20)	A Methoxychlor	7.461	6.682	93403166	179.3E6	59.289m	59.016
21)	B Endrin ke...	7.598	6.908	171.9E6	350.5E6	52.080	56.064
22)	Mirex	8.077	7.098	134.3E6	237.0E6	48.269	47.698

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL096568.D**

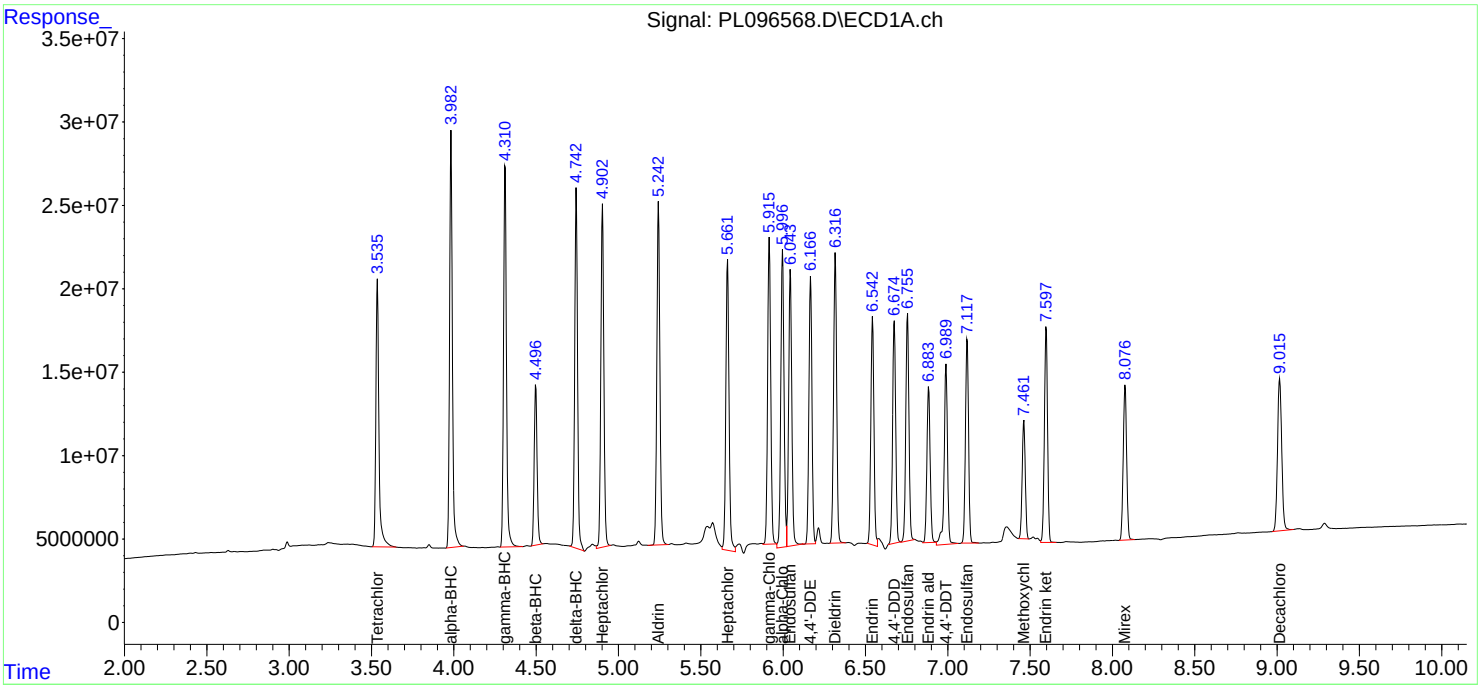
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096568.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 18:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

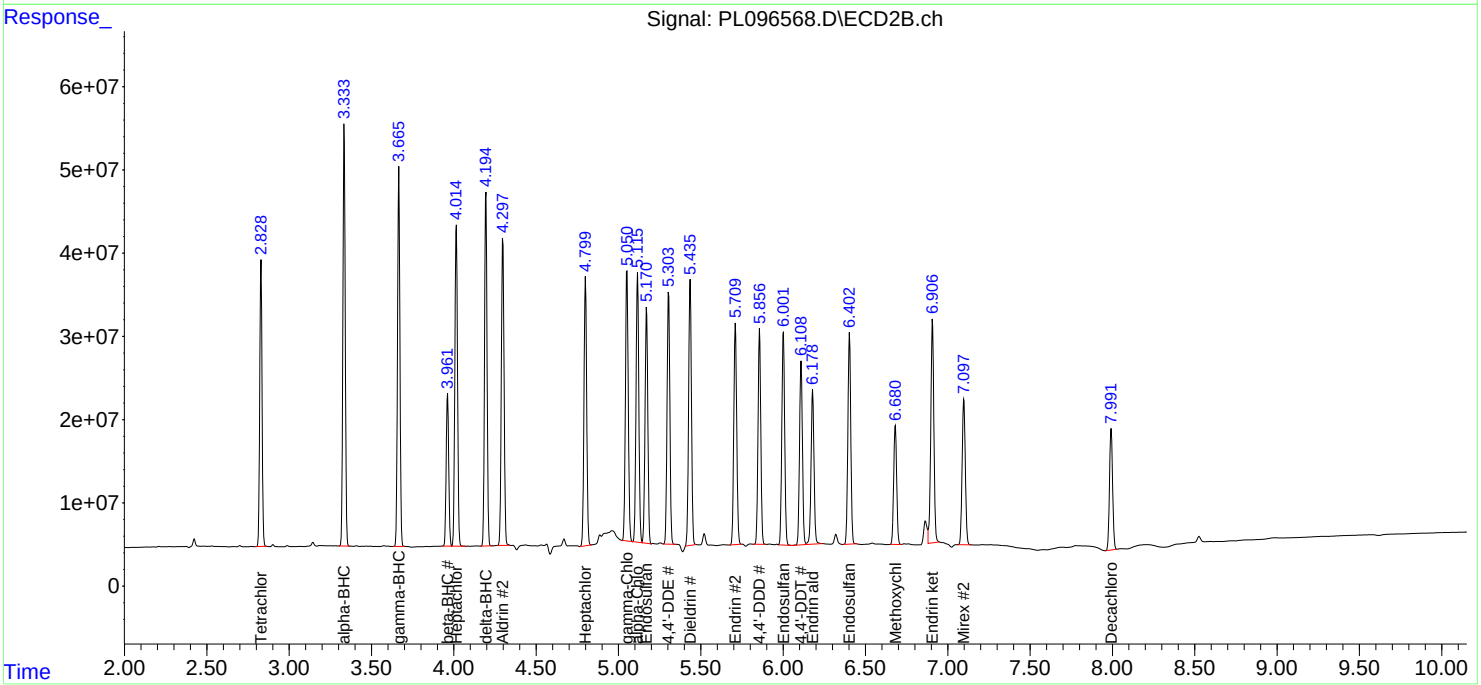
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:35:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Raw Data: **PL096577.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 23:50 **Initial Calibration Time(s):** 10:53 11:49

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.02	9.02	8.92	9.12	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.90	4.91	4.81	5.01	0.01
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endrin	6.54	6.55	6.45	6.65	0.01
Methoxychlor	7.46	7.46	7.36	7.56	0.00

Raw Data: **PL096577.D**

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Continuing Calib Date: 07/24/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 23:50 **Initial Calibration Time(s):** 10:53 11:49

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.99	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.01
Heptachlor	4.01	4.02	3.92	4.12	0.01
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/24/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096577.D **Time Analyzed:** 23:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.015	8.920	9.120	48.250	50.000	-3.5
Endrin	6.541	6.445	6.645	48.910	50.000	-2.2
gamma-BHC (Lindane)	4.311	4.213	4.413	53.040	50.000	6.1
Heptachlor	4.901	4.806	5.006	43.900	50.000	-12.2
Heptachlor epoxide	5.660	5.565	5.765	56.820	50.000	13.6
Methoxychlor	7.462	7.364	7.564	47.730	50.000	-4.5
Tetrachloro-m-xylene	3.535	3.438	3.638	49.130	50.000	-1.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/24/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096577.D **Time Analyzed:** 23:50

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.992	7.896	8.096	43.920	50.000	-12.2
Endrin	5.709	5.612	5.812	41.280	50.000	-17.4
gamma-BHC (Lindane)	3.665	3.567	3.767	53.260	50.000	6.5
Heptachlor	4.014	3.917	4.117	47.510	50.000	-5.0
Heptachlor epoxide	4.799	4.702	4.902	51.760	50.000	3.5
Methoxychlor	6.681	6.584	6.784	40.150	50.000	-19.7
Tetrachloro-m-xylene	2.828	2.729	2.929	52.110	50.000	4.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 23:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 06:01:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.535	2.828	179.3E6	300.7E6	49.130	52.108
28)	SA Decachlor...	9.015	7.992	135.7E6	219.0E6	48.252	43.924
	Target Compounds						
2)	A alpha-BHC	3.983	3.334	277.7E6	463.9E6	53.992	55.004
3)	MA gamma-BHC...	4.311	3.665	264.1E6	419.5E6	53.045	53.260
4)	MA Heptachlor	4.901	4.014	201.1E6	361.4E6	43.903m	47.506
5)	MB Aldrin	5.241	4.297	252.3E6	384.3E6	52.202m	52.672
6)	B beta-BHC	4.497	3.961	103.1E6	172.8E6	49.588	50.466
7)	B delta-BHC	4.742	4.194	245.4E6	404.7E6	54.771m	52.551
8)	B Heptachlo...	5.660	4.799	235.8E6	346.0E6	56.820m	51.762
9)	A Endosulfan I	6.042	5.169	191.3E6	353.0E6	47.392m	49.211
10)	B gamma-Chl...	5.915	5.049	221.1E6	373.5E6	49.968m	53.211m
11)	B alpha-Chl...	5.995	5.113	218.6E6	377.2E6	49.929m	50.162m
12)	B 4,4'-DDE	6.164	5.303	197.2E6	316.2E6	53.179m	48.914
13)	MA Dieldrin	6.316	5.433	220.1E6	343.1E6	52.042	50.315m
14)	MA Endrin	6.541	5.709	152.1E6	251.7E6	48.911m	41.281
15)	B Endosulfa...	6.754	6.000	157.8E6	298.7E6	45.479m	50.943
16)	A 4,4'-DDD	6.674	5.856	173.4E6	289.4E6	59.539m	56.428
17)	MA 4,4'-DDT	6.988	6.108	122.1E6	206.5E6	40.214m	35.999m
18)	B Endrin al...	6.882	6.179	116.9E6	192.8E6	52.269m	43.279
19)	B Endosulfa...	7.118	6.402	151.1E6	253.8E6	49.412	45.128
20)	A Methoxychlor	7.462	6.681	75192124	122.0E6	47.729	40.146
21)	B Endrin ke...	7.597	6.905	165.6E6	290.7E6	50.158	46.500m
22)	Mirex	8.076	7.096	116.5E6	204.1E6	41.874	41.073m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL096577.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 23:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

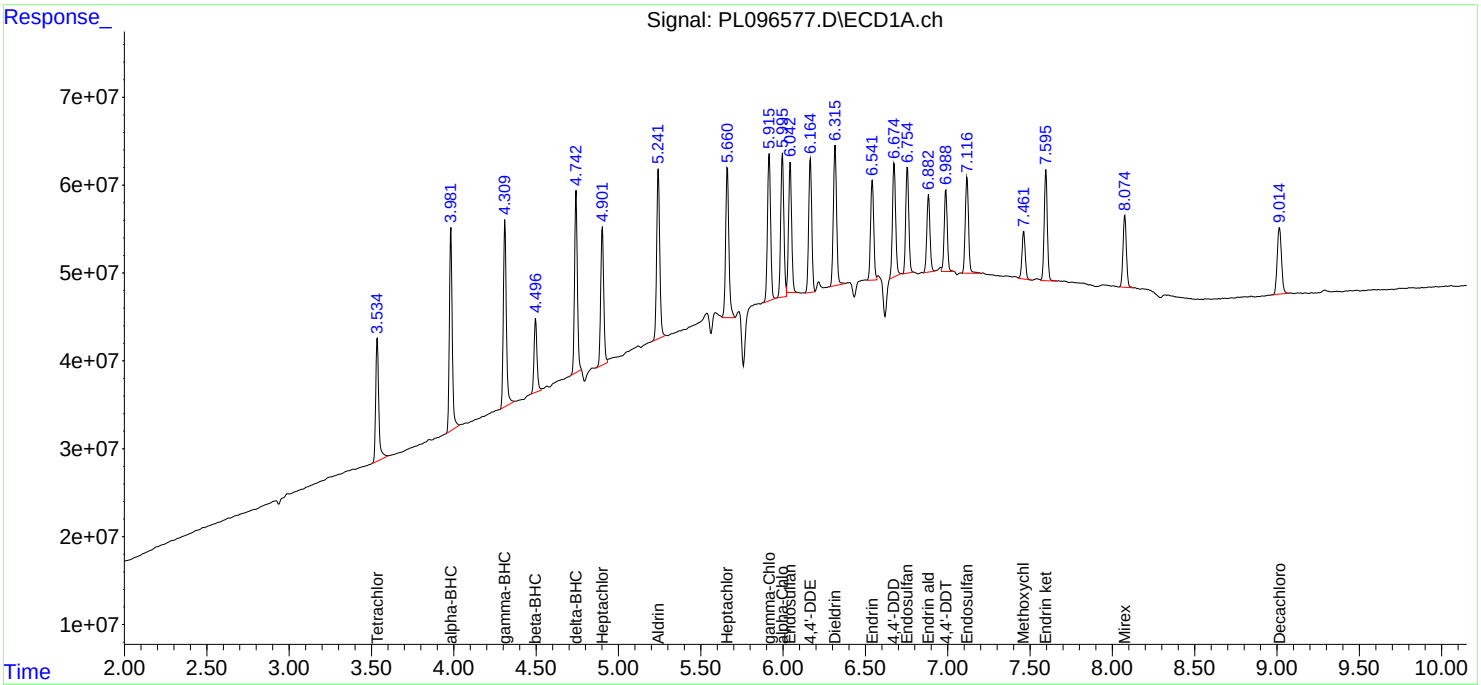
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

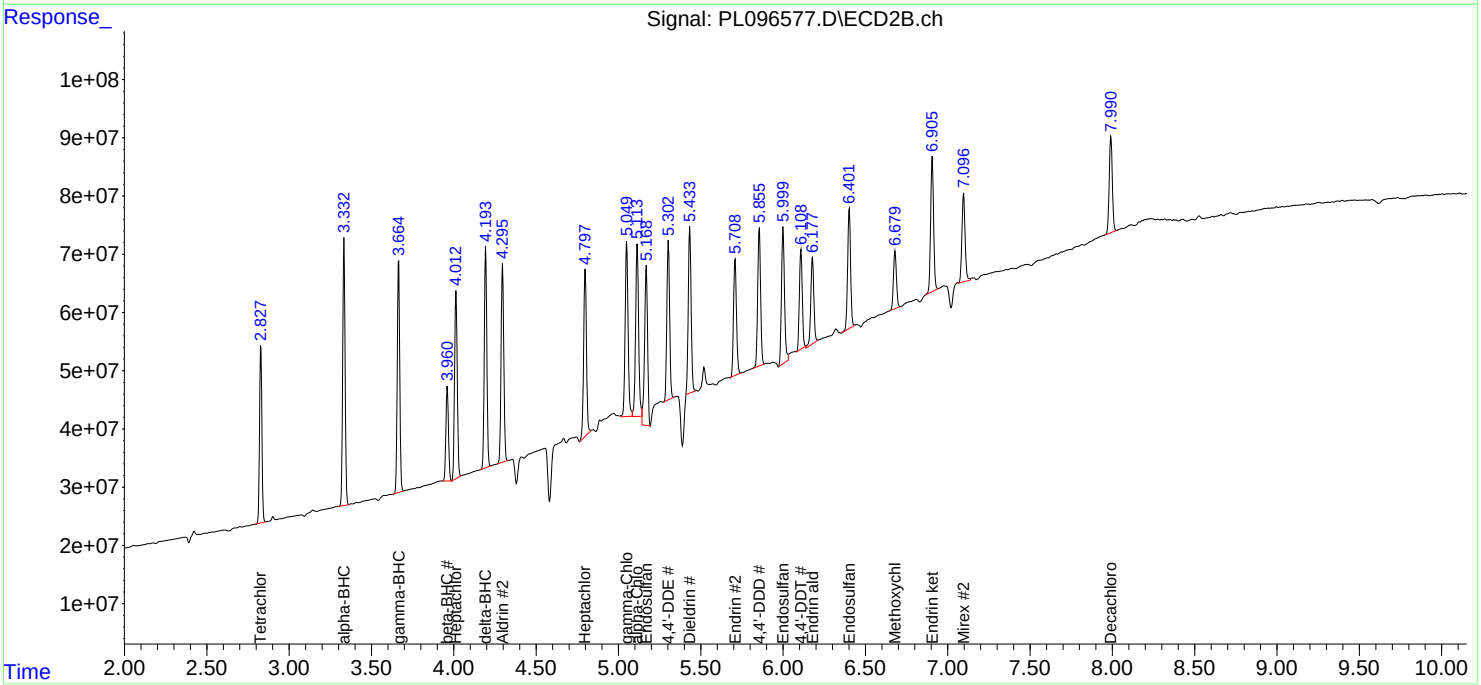
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 06:01:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No. (PEM): PEM - PD089538.D **Date Analyzed:** 07/21/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:22

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.072	8.970	9.170	19.790	20.000	-1.1
Tetrachloro-m-xylene	3.548	3.500	3.600	18.520	20.000	-7.4
alpha-BHC	3.997	3.950	4.050	8.840	10.000	-11.6
beta-BHC	4.514	4.460	4.560	9.740	10.000	-2.6
gamma-BHC (Lindane)	4.328	4.280	4.380	9.170	10.000	-8.3
Endrin	6.573	6.500	6.640	47.840	50.000	-4.3
4,4'-DDT	7.020	6.950	7.090	95.200	100.000	-4.8
Methoxychlor	7.492	7.420	7.560	219.620	250.000	-12.2

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No. (PEM): PEM - PD089538.D **Date Analyzed:** 07/21/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:22

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.069	7.970	8.170	19.600	20.000	-2.0
Tetrachloro-m-xylene	2.879	2.830	2.930	19.070	20.000	-4.7
alpha-BHC	3.391	3.340	3.440	10.560	10.000	5.6
beta-BHC	4.023	3.970	4.070	10.500	10.000	5.0
gamma-BHC (Lindane)	3.727	3.680	3.780	10.200	10.000	2.0
Endrin	5.787	5.720	5.860	46.920	50.000	-6.2
4,4'-DDT	6.181	6.110	6.250	91.020	100.000	-9.0
Methoxychlor	6.751	6.680	6.820	188.630	250.000	-24.5

PEM

Data File: PD089538.D **Date Acquired** 7/21/2025 12:22

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	**RT**	**Response**	**Response [E+EA+EK]**	**Response [EA+EK]**	**% Break Down** Down
Endrin	6.57	194832322.3	196820249.5	1987927.15	**1.01**
Endrin aldehyde	6.92	594479.454			
Endrin ketone	7.63	1393447.691			

Column #2

Name	**RT**	**Response**	**Response [E+EA+EK]**	**Response [EA+EK]**	**% Break Down**
Endrin #2	5.79	1134667630	1156872482	22204852.5	**1.92**
Endrin aldehyde #2	6.25	9624266.822			
Endrin ketone #2	6.99	12580585.66			

DDT BREAK DOWN

Column #1

Name	**RT**	**Response**	**Response [DDT+DDE+DDD**	**Response [DDE+DDD]**	**% Break Down**
4,4'-DDT	7.02	359179895.9	360449822.3	1269926.37	**0.35**
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	1269926.367			

Column #2

Name	**RT**	**Response**	**Response [DDT+DDE+DDD**	**Response [DDE+DDD]**	**% Break Down**
4,4'-DDT #2	6.18	2130603297	2138241100	7637802.91	**0.36**
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.93	7637802.906			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/22/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:41:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.548	2.879	53372260	373.1E6	18.523	19.067
28)	SA Decachlor...	9.072	8.069	81289525	481.5E6	19.793	19.598
	Target Compounds						
2)	A alpha-BHC	3.997	3.391	50475537	317.2E6	8.840	10.558
3)	MA gamma-BHC...	4.328	3.727	50605463	283.2E6	9.172	10.200
6)	B beta-BHC	4.514	4.023	20992727	125.0E6	9.736	10.504
14)	MA Endrin	6.573	5.787	194.8E6	1134.7E6	47.840	46.923
16)	A 4,4'-DDD	6.703	5.931	1269926	7637803	0.375	0.348
17)	MA 4,4'-DDT	7.020	6.181	359.2E6	2130.6E6	95.199	91.024
18)	B Endrin al...	6.919	6.254	594479	9624267	0.204	0.580 #
20)	A Methoxychlor	7.492	6.751	440.3E6	2299.8E6	219.619	188.633
21)	B Endrin ke...	7.627	6.987	1393448	12580586	0.346m	0.514m#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

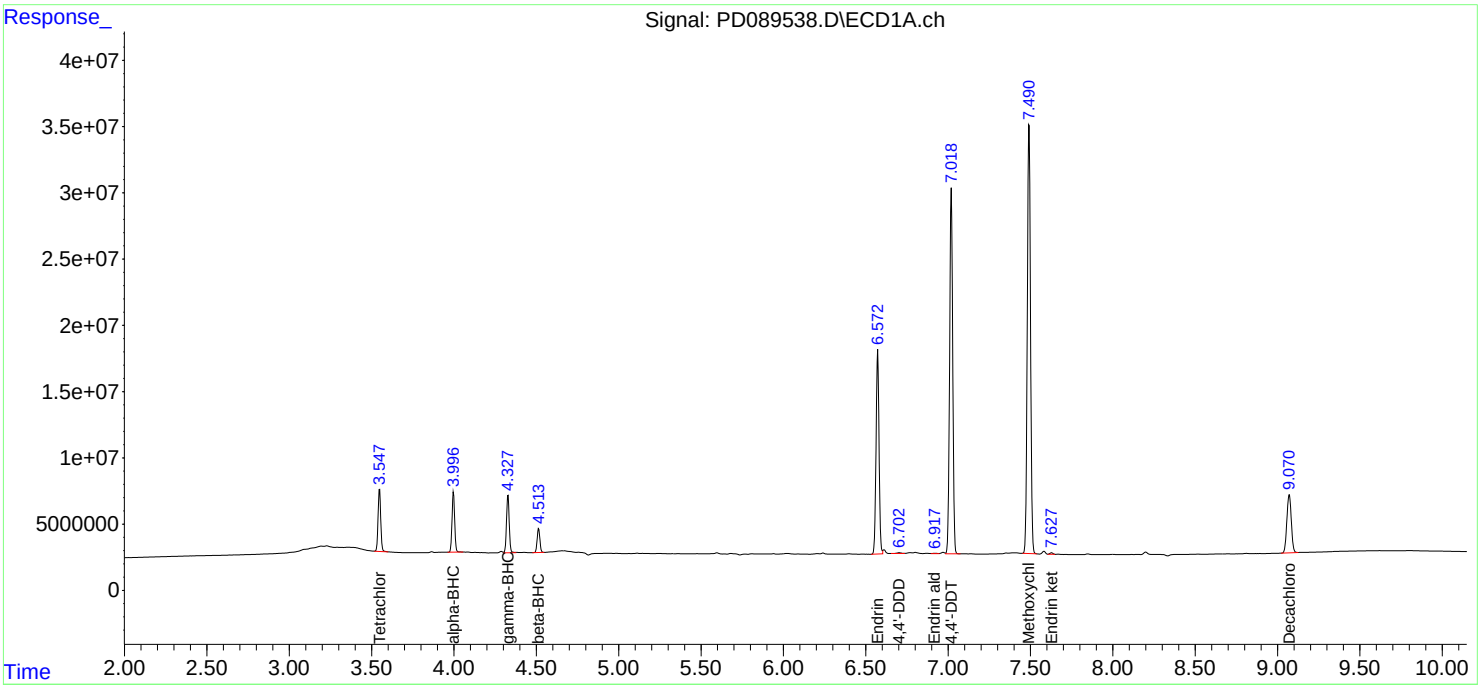
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

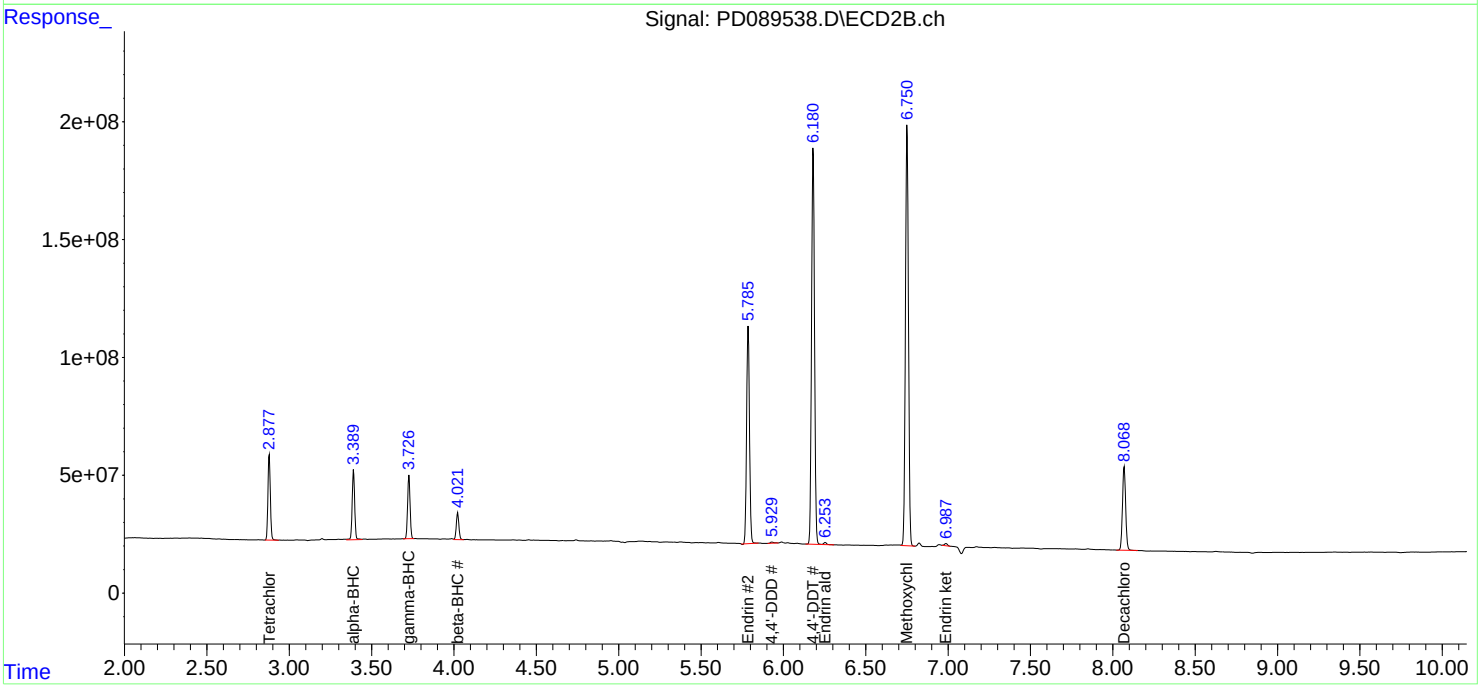
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/22/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:41:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No. (PEM): PEM - PD089667.D **Date Analyzed:** 07/29/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:37

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.072	8.970	9.170	16.720	20.000	-16.4
Tetrachloro-m-xylene	3.550	3.500	3.600	16.030	20.000	-19.9
alpha-BHC	3.999	3.950	4.050	7.830	10.000	-21.7
beta-BHC	4.516	4.470	4.570	8.230	10.000	-17.7
gamma-BHC (Lindane)	4.330	4.280	4.380	8.050	10.000	-19.5
Endrin	6.574	6.500	6.640	44.330	50.000	-11.3
4,4'-DDT	7.020	6.950	7.090	89.180	100.000	-10.8
Methoxychlor	7.492	7.420	7.560	201.940	250.000	-19.2

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No. (PEM): PEM - PD089667.D **Date Analyzed:** 07/29/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:37

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.068	7.970	8.170	14.100	20.000	-29.5
Tetrachloro-m-xylene	2.880	2.830	2.930	16.310	20.000	-18.5
alpha-BHC	3.392	3.340	3.440	8.680	10.000	-13.2
beta-BHC	4.024	3.970	4.070	8.790	10.000	-12.1
gamma-BHC (Lindane)	3.728	3.680	3.780	8.750	10.000	-12.5
Endrin	5.786	5.720	5.860	39.100	50.000	-21.8
4,4'-DDT	6.180	6.110	6.250	73.610	100.000	-26.4
Methoxychlor	6.751	6.680	6.820	155.280	250.000	-37.9

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 10:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:40:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.880	46190856	319.1E6	16.031	16.311	
28)	SA Decachlor...	9.072	8.068	68675721	346.3E6	16.722	14.096	
	Target Compounds							
2)	A alpha-BHC	3.999	3.392	44678105	260.8E6	7.825	8.682	
3)	MA gamma-BHC...	4.330	3.728	44443019	242.8E6	8.055	8.747	
6)	B beta-BHC	4.516	4.024	17749157	104.7E6	8.232	8.795	
14)	MA Endrin	6.574	5.786	180.5E6	945.6E6	44.333	39.104	
16)	A 4,4'-DDD	6.703	5.927	1649316	12668562	0.487m	0.578	
17)	MA 4,4'-DDT	7.020	6.180	336.5E6	1723.0E6	89.177	73.612	
18)	B Endrin al...	6.918	6.254	967986	9171997	0.332	0.553	#
20)	A Methoxychlor	7.492	6.751	404.9E6	1893.2E6	201.944	155.282	
21)	B Endrin ke...	7.628	6.987	2511423	19281862	0.624m	0.787	#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 10:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

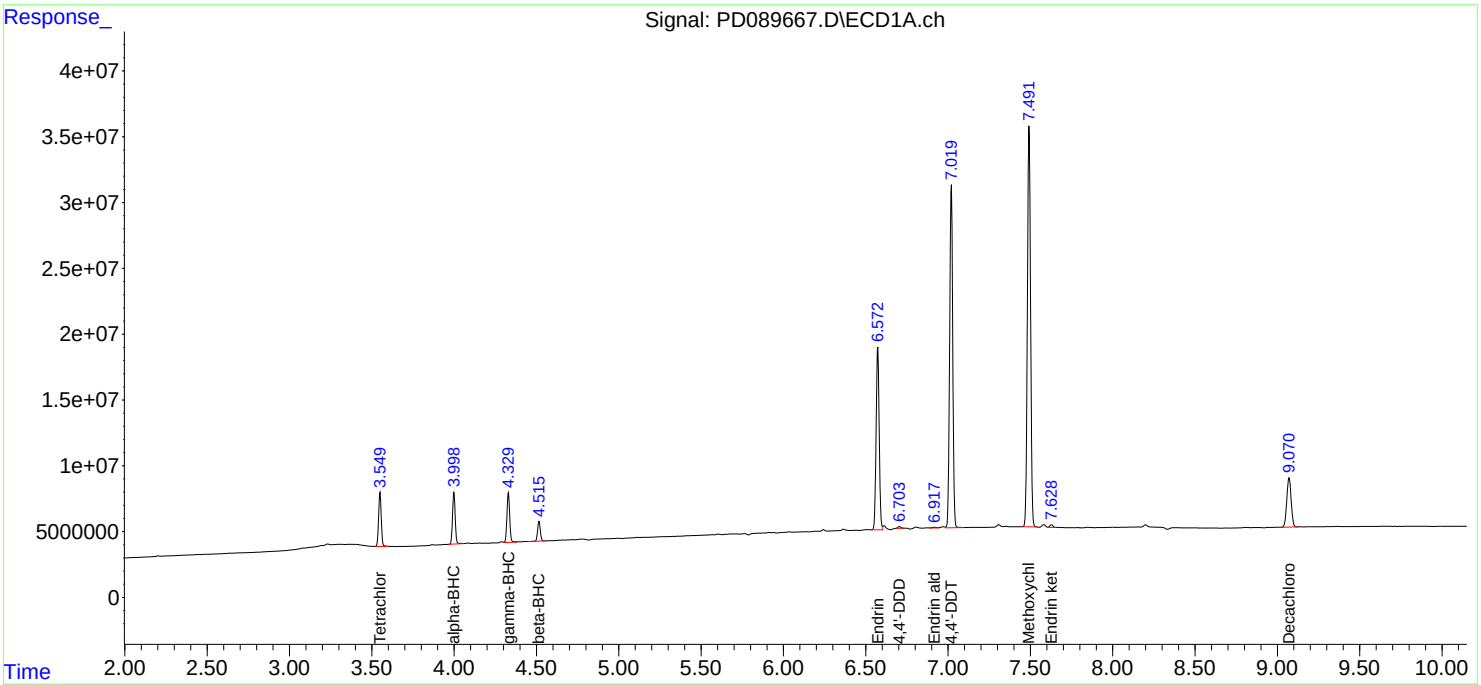
Instrument :
ECD_D
ClientSampleId :
PEM

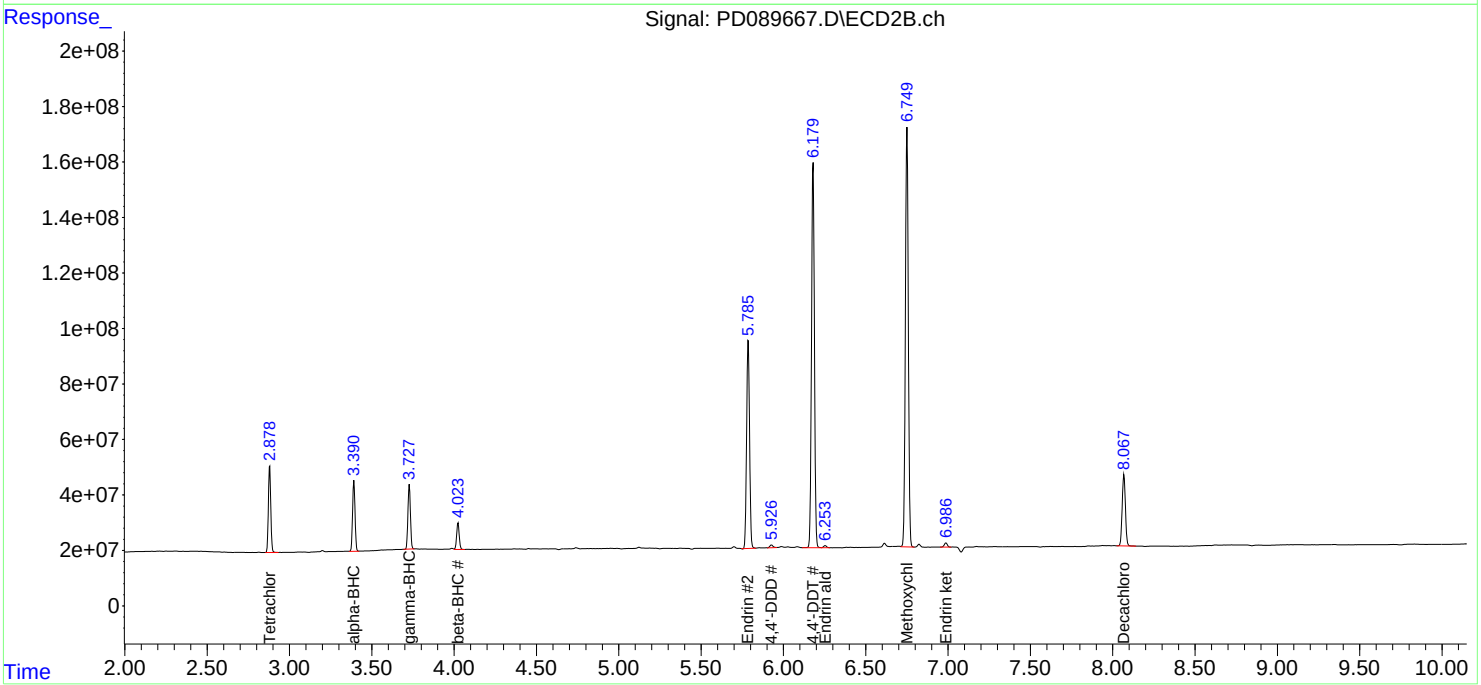
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:40:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096238.D **Date Analyzed:** 07/07/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:26

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.020	8.920	9.120	21.820	20.000	9.1
Tetrachloro-m-xylene	3.537	3.490	3.590	20.640	20.000	3.2
alpha-BHC	3.985	3.930	4.040	10.150	10.000	1.5
beta-BHC	4.500	4.450	4.550	10.650	10.000	6.5
gamma-BHC (Lindane)	4.313	4.260	4.360	10.640	10.000	6.4
Endrin	6.546	6.480	6.620	55.200	50.000	10.4
4,4'-DDT	6.992	6.920	7.060	106.050	100.000	6.1
Methoxychlor	7.465	7.390	7.540	251.880	250.000	0.8

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096238.D **Date Analyzed:** 07/07/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:26

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.996	7.900	8.100	21.970	20.000	9.9
Tetrachloro-m-xylene	2.829	2.780	2.880	21.010	20.000	5.1
alpha-BHC	3.335	3.280	3.390	10.410	10.000	4.1
beta-BHC	3.963	3.910	4.010	10.960	10.000	9.6
gamma-BHC (Lindane)	3.667	3.620	3.720	10.560	10.000	5.6
Endrin	5.713	5.640	5.780	55.380	50.000	10.8
4,4'-DDT	6.113	6.040	6.180	113.720	100.000	13.7
Methoxychlor	6.685	6.610	6.760	248.840	250.000	-0.5

PEM

Data File: PL096238.D **Date Acquired** 7/7/2025 10:26

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
					Down
Endrin	6.55	171686206.6	184393664.9	12707458.3	**6.89**
Endrin aldehyde	6.89	3352023.736			
Endrin ketone	7.60	9355434.607			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.71	337605120.7	345602858.2	7997737.54	**2.31**
Endrin aldehyde #2	6.18	4525238.004			
Endrin ketone #2	6.91	3472499.537			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT	6.99	321893056.5	329724639.4	7831582.88	**2.38**
4,4'-DDE	0.00	0			
4,4'-DDD	6.68	7831582.884			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.11	652208058	654720571.4	2512513.38	**0.38**
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.86	2512513.383			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:26
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:27:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.537	2.829	75321177	121.3E6	20.642	21.009
28)	SA Decachlor...	9.020	7.996	61373713	109.6E6	21.817	21.972
	Target Compounds						
2)	A alpha-BHC	3.985	3.335	52179910	87832663	10.146	10.414
3)	MA gamma-BHC...	4.313	3.667	52975484	83194325	10.638	10.563
6)	B beta-BHC	4.500	3.963	22129275	37541154	10.645	10.964
14)	MA Endrin	6.546	5.713	171.7E6	337.6E6	55.201	55.377
16)	A 4,4'-DDD	6.678	5.861	7831583	2512513	2.690m	0.490m#
17)	MA 4,4'-DDT	6.992	6.113	321.9E6	652.2E6	106.053	113.722
18)	B Endrin al...	6.888	6.184	3352024	4525238	1.499m	1.016m#
20)	A Methoxychlor	7.465	6.685	396.8E6	755.9E6	251.881	248.841
21)	B Endrin ke...	7.600	6.908	9355435	3472500	2.834	0.555m#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

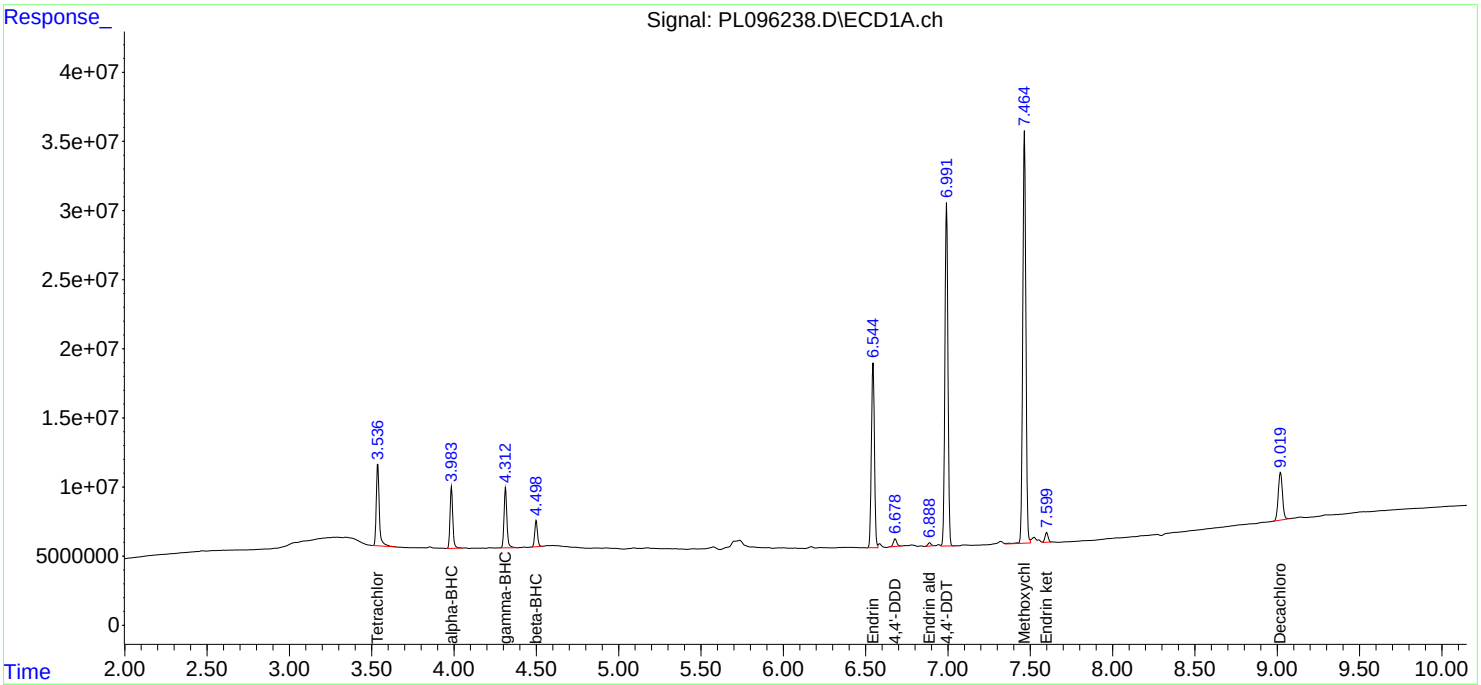
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:26
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

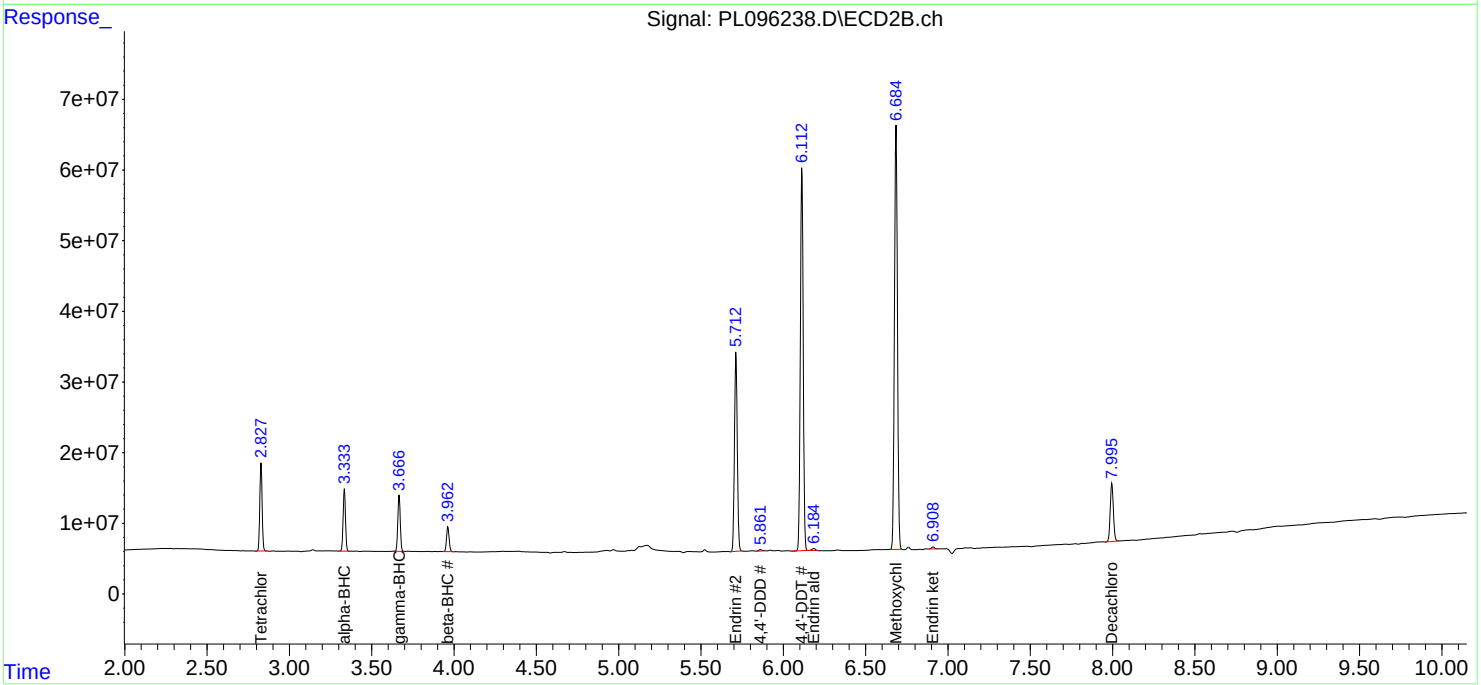
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:27:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





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Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096552.D **Date Analyzed:** 07/24/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:56

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.013	8.910	9.110	19.760	20.000	-1.2
Tetrachloro-m-xylene	3.534	3.480	3.580	21.860	20.000	9.3
alpha-BHC	3.982	3.930	4.030	10.780	10.000	7.8
beta-BHC	4.496	4.450	4.550	11.640	10.000	16.4
gamma-BHC (Lindane)	4.309	4.260	4.360	11.060	10.000	10.6
Endrin	6.541	6.470	6.610	49.940	50.000	-0.1
4,4'-DDT	6.988	6.920	7.060	84.700	100.000	-15.3
Methoxychlor	7.461	7.390	7.530	201.090	250.000	-19.6

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096552.D **Date Analyzed:** 07/24/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:56

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.990	7.890	8.090	16.980	20.000	-15.1
Tetrachloro-m-xylene	2.827	2.780	2.880	22.440	20.000	12.2
alpha-BHC	3.332	3.280	3.380	11.170	10.000	11.7
beta-BHC	3.960	3.910	4.010	11.760	10.000	17.6
gamma-BHC (Lindane)	3.664	3.610	3.710	11.230	10.000	12.3
Endrin	5.707	5.640	5.780	51.550	50.000	3.1
4,4'-DDT	6.107	6.040	6.180	88.230	100.000	-11.8
Methoxychlor	6.680	6.610	6.750	190.350	250.000	-23.9

PEM

Data File: PL096552.D **Date Acquired** 7/24/2025 10:56

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
					Down
Endrin	6.54	155335845	174067116.1	18731271.1	**10.76**
Endrin aldehyde	6.88	5603770.874			
Endrin ketone	7.59	13127500.22			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.71	314269914.4	354510248.6	40240334.2	**11.35**
Endrin aldehyde #2	6.18	14633735.73			
Endrin ketone #2	6.90	25606598.45			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT	6.99	257087599.2	288248688.1	31161088.9	**10.81**
4,4'-DDE	6.16	2794566.69			
4,4'-DDD	6.67	28366522.18			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.11	506034807.3	555188941.3	49154134	**8.85**
4,4'-DDE #2	5.30	770962.042			
4,4'-DDD #2	5.85	48383171.95			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 10:56
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:30:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.534	2.827	79759416	129.5E6	21.858	22.436
28)	SA Decachlor...	9.013	7.990	55587258	84646252	19.760	16.975
	Target Compounds						
2)	A alpha-BHC	3.982	3.332	55419647	94208800	10.775	11.170
3)	MA gamma-BHC...	4.309	3.664	55050208	88448960	11.055	11.230
6)	B beta-BHC	4.496	3.960	24207094	40248093	11.645	11.755
12)	B 4,4'-DDE	6.163	5.303	2794567	770962	0.754m	0.119m#
14)	MA Endrin	6.541	5.707	155.3E6	314.3E6	49.944	51.549
16)	A 4,4'-DDD	6.673	5.855	28366522	48383172	9.742	9.434
17)	MA 4,4'-DDT	6.988	6.107	257.1E6	506.0E6	84.702	88.234
18)	B Endrin al...	6.885	6.178	5603771	14633736	2.507	3.285 #
20)	A Methoxychlor	7.461	6.680	316.8E6	578.3E6	201.094	190.354
21)	B Endrin ke...	7.595	6.904	13127500	25606598	3.976	4.096

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

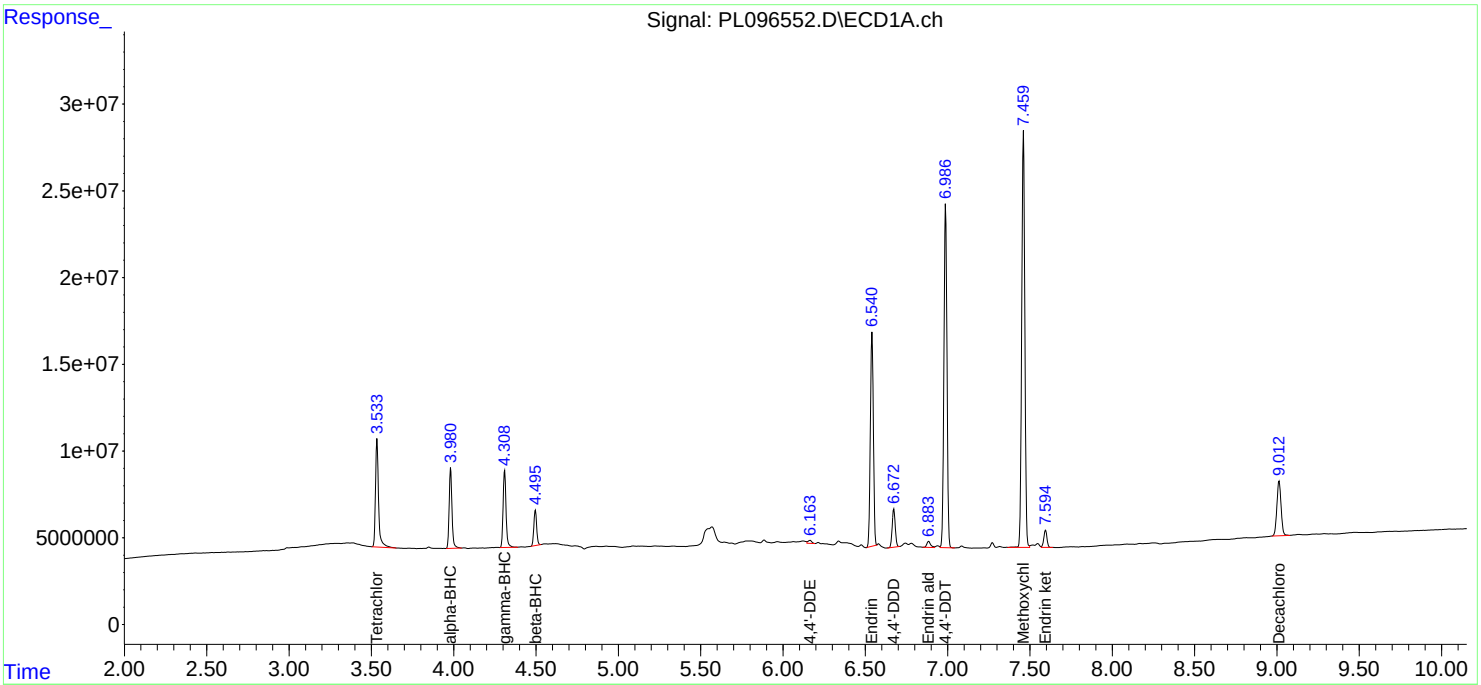
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 10:56
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

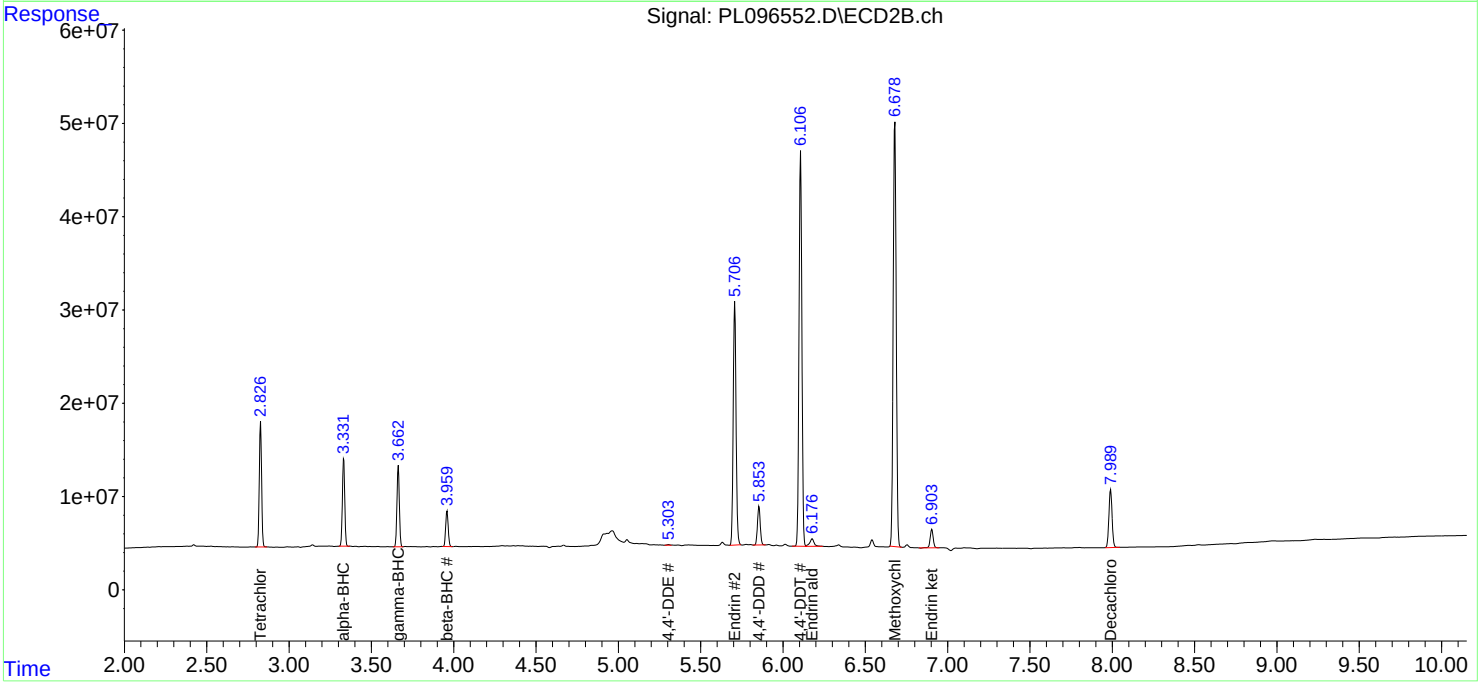
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:30:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096567.D **Date Analyzed:** 07/24/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 18:37

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.015	8.910	9.120	20.440	20.000	2.2
Tetrachloro-m-xylene	3.536	3.490	3.590	21.500	20.000	7.5
alpha-BHC	3.983	3.930	4.030	10.620	10.000	6.2
beta-BHC	4.497	4.450	4.550	11.290	10.000	12.9
gamma-BHC (Lindane)	4.310	4.260	4.360	10.850	10.000	8.5
Endrin	6.542	6.470	6.610	55.460	50.000	10.9
4,4'-DDT	6.989	6.920	7.060	91.110	100.000	-8.9
Methoxychlor	7.461	7.390	7.530	220.730	250.000	-11.7

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No. (PEM): PEM - PL096567.D **Date Analyzed:** 07/24/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 18:37

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.993	7.890	8.090	18.340	20.000	-8.3
Tetrachloro-m-xylene	2.829	2.780	2.880	22.200	20.000	11.0
alpha-BHC	3.334	3.280	3.380	11.070	10.000	10.7
beta-BHC	3.962	3.910	4.010	11.440	10.000	14.4
gamma-BHC (Lindane)	3.665	3.610	3.720	11.040	10.000	10.4
Endrin	5.709	5.640	5.780	51.400	50.000	2.8
4,4'-DDT	6.109	6.040	6.180	91.470	100.000	-8.5
Methoxychlor	6.681	6.610	6.750	204.040	250.000	-18.4

PEM

Data File: PL096567.D **Date Acquired** 7/24/2025 18:37

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
					Down
Endrin	6.54	172480210.6	188394134.6	15913924.1	**8.45**
Endrin aldehyde	6.88	3534497.693			
Endrin ketone	7.60	12379426.39			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.71	313353569.1	356236919.6	42883350.5	**12.04**
Endrin aldehyde #2	6.18	17458929.68			
Endrin ketone #2	6.91	25424420.8			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT	6.99	276532284.7	307709613.7	31177329.1	**10.13**
4,4'-DDE	0.00	0			
4,4'-DDD	6.67	31177329.06			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.11	524592060.5	568611659.4	44019598.9	**7.74**
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.86	44019598.89			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096567.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 18:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:35:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.536	2.829	78465902	128.1E6	21.504	22.202	
28)	SA Decachlor...	9.015	7.993	57496025	91447253	20.439	18.339	
	Target Compounds							
2)	A alpha-BHC	3.983	3.334	54628955	93365323	10.622	11.070	
3)	MA gamma-BHC...	4.310	3.665	54019174	86972155	10.848	11.043	
6)	B beta-BHC	4.497	3.962	23472467	39163237	11.291	11.438	
14)	MA Endrin	6.542	5.709	172.5E6	313.4E6	55.456	51.399	
16)	A 4,4'-DDD	6.675	5.856	31177329	44019599	10.708	8.583	
17)	MA 4,4'-DDT	6.989	6.109	276.5E6	524.6E6	91.108	91.470	
18)	B Endrin al...	6.885	6.178	3534498	17458930	1.581m	3.919	#
20)	A Methoxychlor	7.461	6.681	347.7E6	619.8E6	220.732	204.041	
21)	B Endrin ke...	7.596	6.906	12379426	25424421	3.749	4.066	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

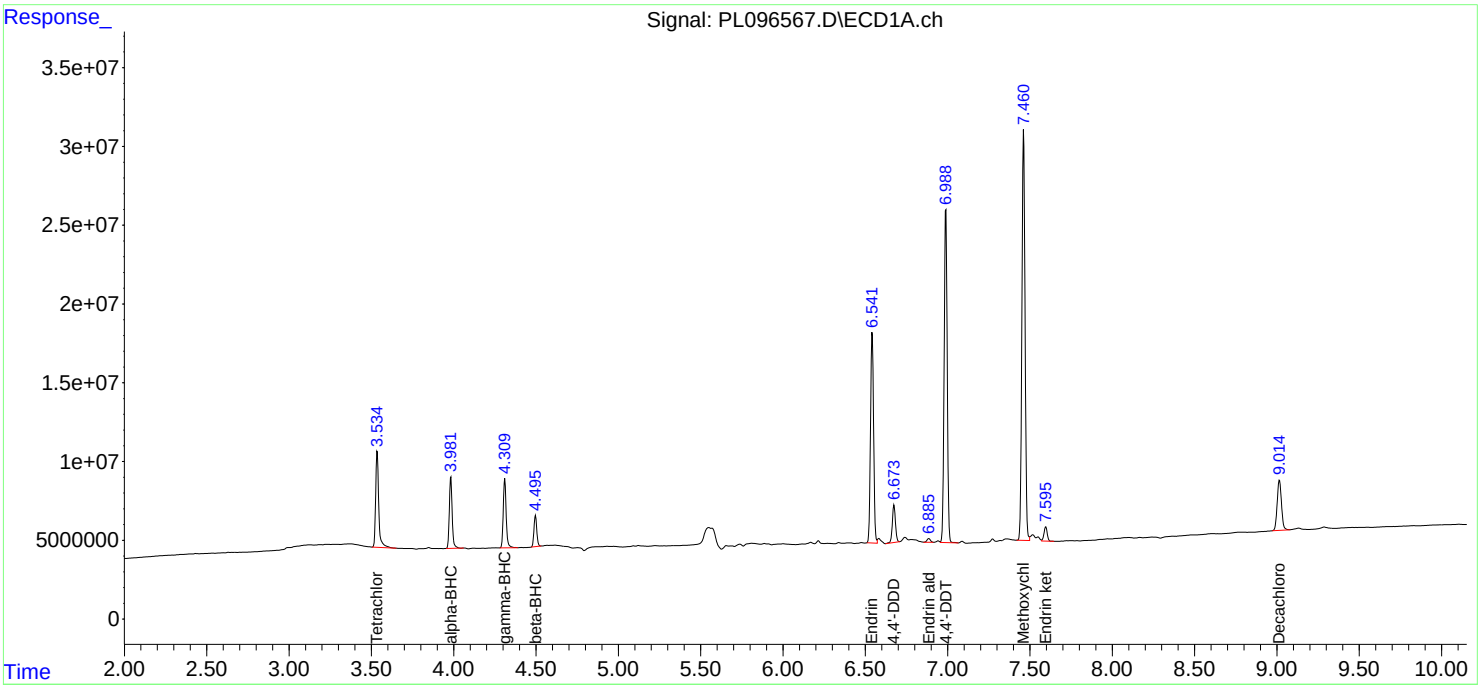
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096567.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 18:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

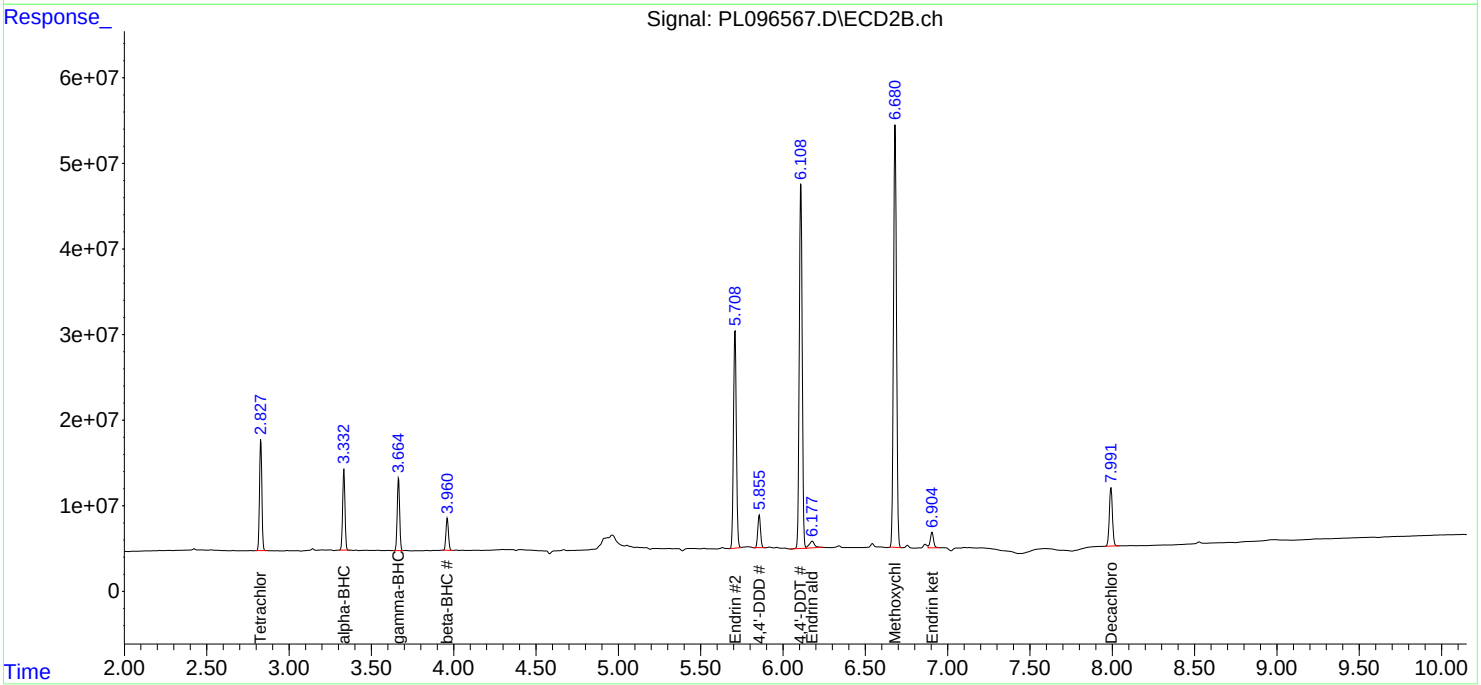
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:35:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089539.D
Acq On : 21 Jul 2025 12:35
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Title : GC Extractables
Last Update : Tue Jul 22 04:39:29 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.548	5.944	100.00%
5.944	6.073	100.00%
6.073	6.194	100.00%
6.194	6.345	100.00%
6.345	7.148	100.00%
7.148	7.492	100.00%
7.492	7.629	100.00%
7.629	9.071	100.00%

Signal #2

2.879	5.123	100.00%
5.123	5.244	100.00%
5.244	5.373	100.00%
5.373	5.510	100.00%
5.510	6.480	100.00%
6.480	6.752	100.00%
6.752	6.990	100.00%
6.990	8.070	100.00%

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/22/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:41:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.548	2.879	53372260	373.1E6	18.523	19.067
28)	SA Decachlor...	9.072	8.069	81289525	481.5E6	19.793	19.598
	Target Compounds						
2)	A alpha-BHC	3.997	3.391	50475537	317.2E6	8.840	10.558
3)	MA gamma-BHC...	4.328	3.727	50605463	283.2E6	9.172	10.200
6)	B beta-BHC	4.514	4.023	20992727	125.0E6	9.736	10.504
14)	MA Endrin	6.573	5.787	194.8E6	1134.7E6	47.840	46.923
16)	A 4,4'-DDD	6.703	5.931	1269926	7637803	0.375	0.348
17)	MA 4,4'-DDT	7.020	6.181	359.2E6	2130.6E6	95.199	91.024
18)	B Endrin al...	6.919	6.254	594479	9624267	0.204	0.580 #
20)	A Methoxychlor	7.492	6.751	440.3E6	2299.8E6	219.619	188.633
21)	B Endrin ke...	7.627	6.987	1393448	12580586	0.346m	0.514m#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

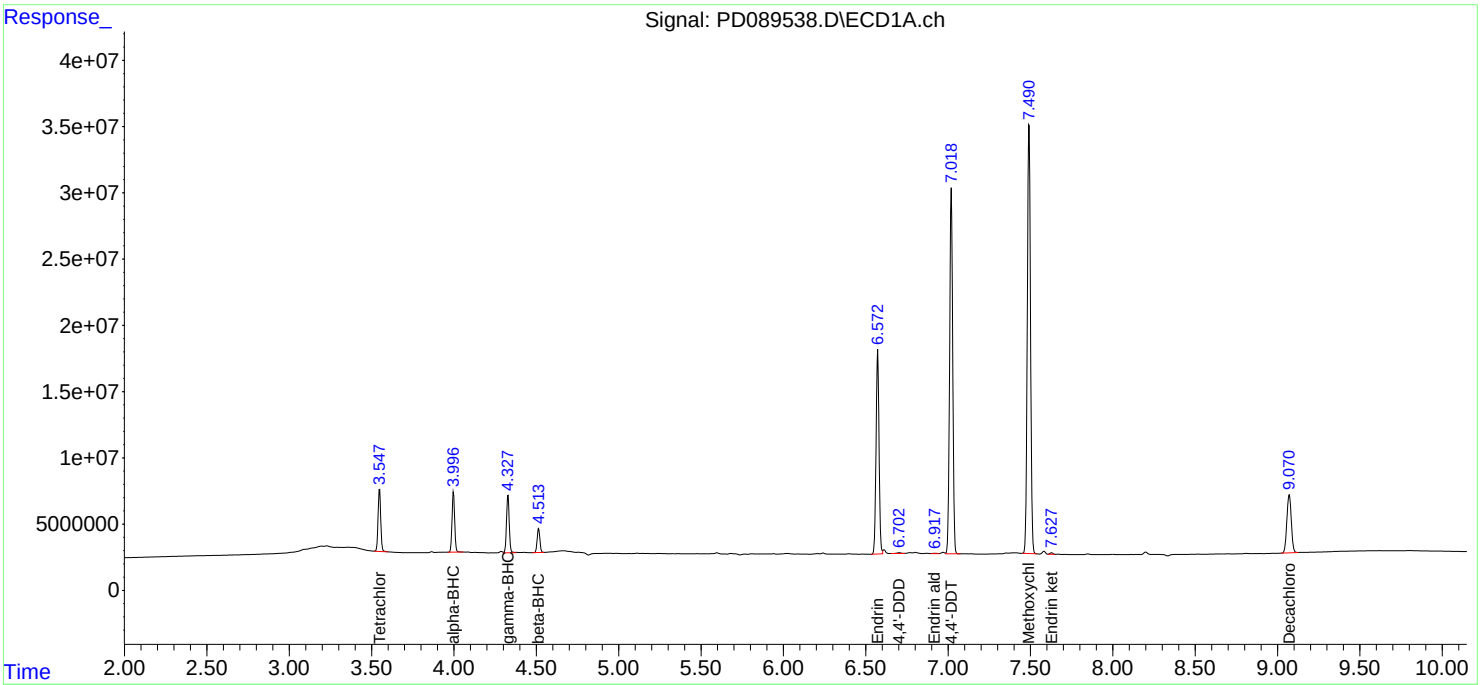
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

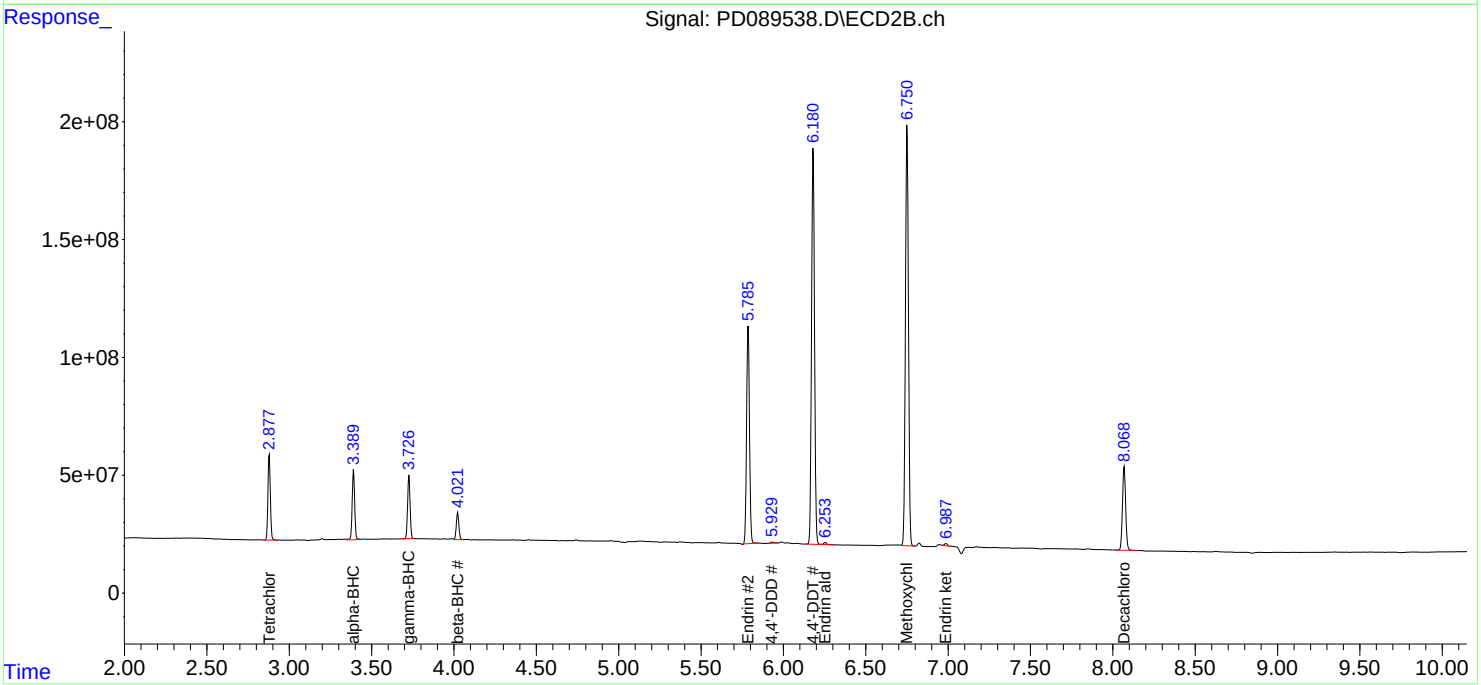
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/22/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:41:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089539.D
Acq On : 21 Jul 2025 12:35
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Title : GC Extractables
Last Update : Tue Jul 22 04:39:29 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.548	5.944	100.00%
5.944	6.073	100.00%
6.073	6.194	100.00%
6.194	6.345	100.00%
6.345	7.148	100.00%
7.148	7.492	100.00%
7.492	7.629	100.00%
7.629	9.071	100.00%

Signal #2

2.879	5.123	100.00%
5.123	5.244	100.00%
5.244	5.373	100.00%
5.373	5.510	100.00%
5.510	6.480	100.00%
6.480	6.752	100.00%
6.752	6.990	100.00%
6.990	8.070	100.00%

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:35
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:42:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.548	2.879	51809968	366.9E6	17.981	18.750
28)	SA Decachlor...	9.071	8.070	78129847	453.3E6	19.023	18.452
	Target Compounds						
9)	A Endosulfan I	6.073	5.244	38431902	224.6E6	8.645	9.458
10)	B gamma-Chl...	5.944	5.123	42237481	267.0E6	8.909	9.982
12)	B 4,4'-DDE	6.194	5.373	77258612	510.3E6	17.993	19.434
13)	MA Dieldrin	6.345	5.510	83847363	504.8E6	17.762	19.103
19)	B Endosulfa...	7.148	6.480	70006243	429.5E6	18.549	19.348
20)	A Methoxychlor	7.492	6.752	174.7E6	1003.1E6	87.156	82.274
21)	B Endrin ke...	7.629	6.990	73683552	472.0E6	18.310	19.274

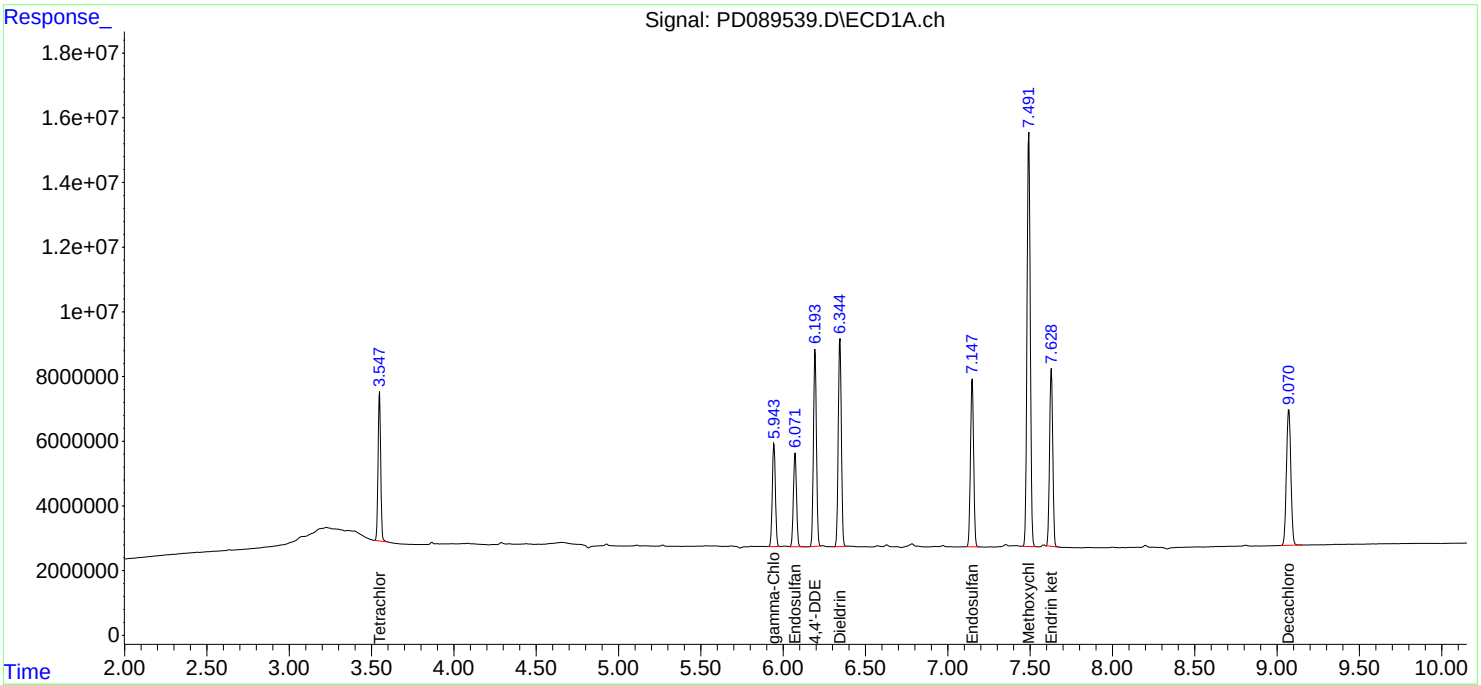
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

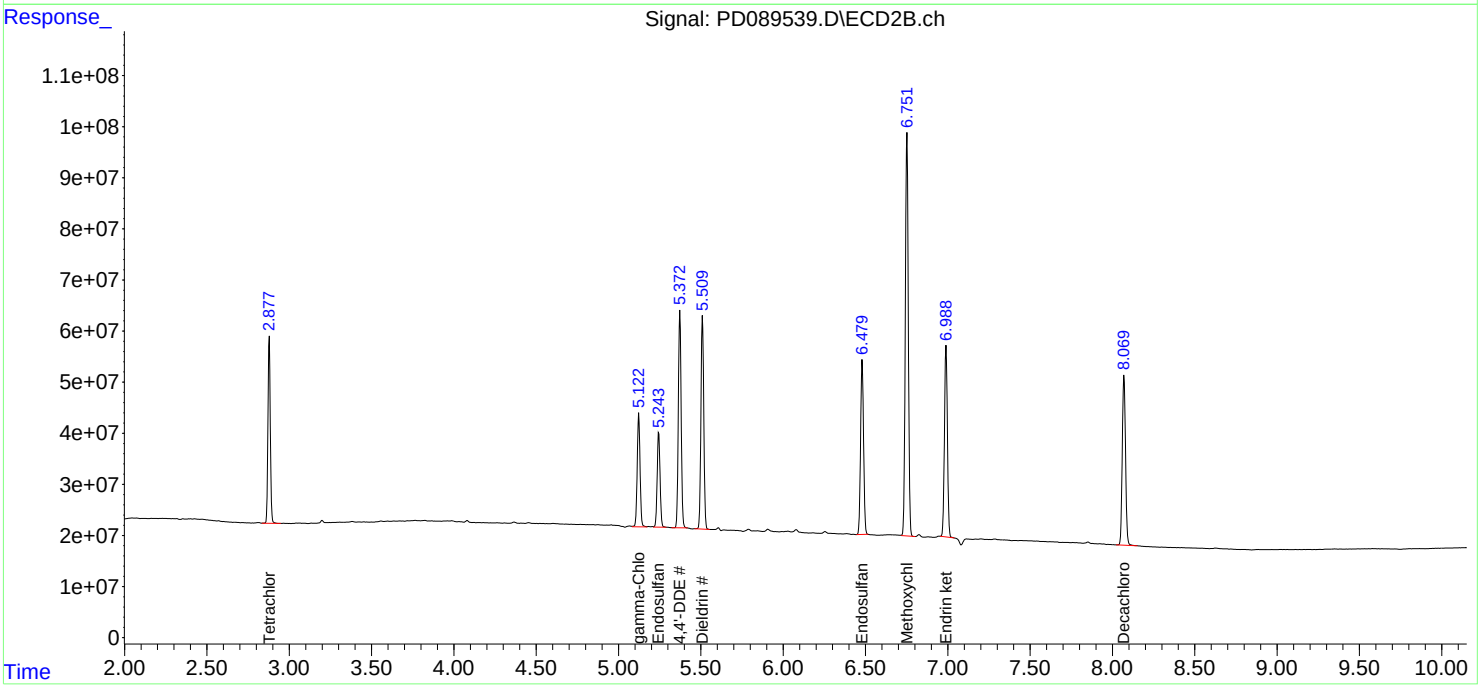
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089539.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:35
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:42:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096239.D
Acq On : 07 Jul 2025 10:40
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Title : GC Extractables
Last Update : Mon Jul 07 15:22:07 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.537	5.919	100.00%
5.919	6.047	100.00%
6.047	6.169	100.00%
6.169	6.319	100.00%
6.319	7.120	100.00%
7.120	7.464	100.00%
7.464	7.599	100.00%
7.599	9.020	100.00%

Signal #2

2.829	5.054	100.00%
5.054	5.173	100.00%
5.173	5.307	100.00%
5.307	5.438	100.00%
5.438	6.406	100.00%
6.406	6.685	100.00%
6.685	6.910	100.00%
6.910	7.996	100.00%

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:40
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
RESCHK

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.537	2.829	62690780	102.2E6	17.180	17.704
28)	SA Decachlor...	9.020	7.996	50426233	89762754	17.926	18.001
	Target Compounds						
9)	A Endosulfan I	6.047	5.171	32887236	74513445	8.146	10.386m#
10)	B gamma-Chl...	5.919	5.054	38063125	59640944	8.602	8.496
12)	B 4,4'-DDE	6.169	5.307	64648183	115.1E6	17.437	17.809
13)	MA Dieldrin	6.319	5.438	73314501	120.9E6	17.339	17.729
19)	B Endosulfa...	7.120	6.406	55307739	102.1E6	18.081	18.156
20)	A Methoxychlor	7.464	6.685	131.3E6	265.5E6	83.329	87.403
21)	B Endrin ke...	7.599	6.910	58507106	113.8E6	17.721	18.203

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

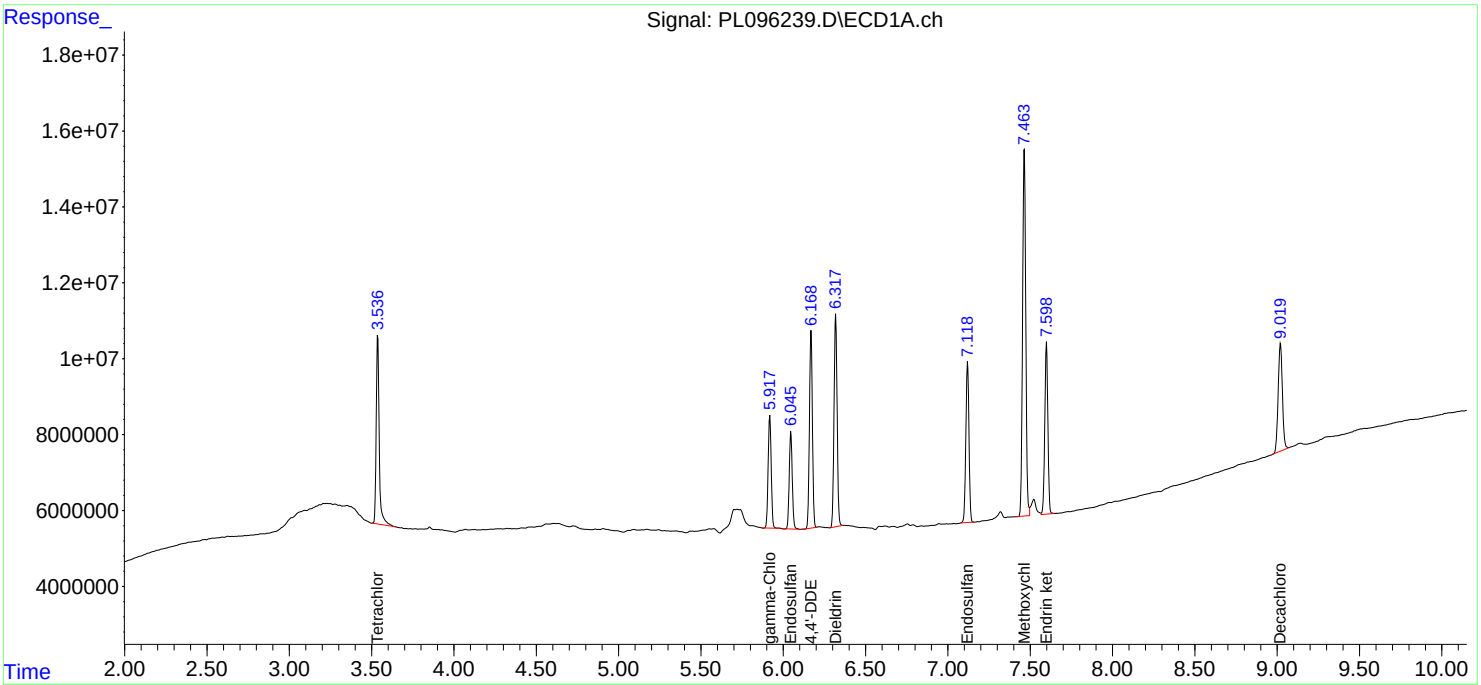
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:40
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

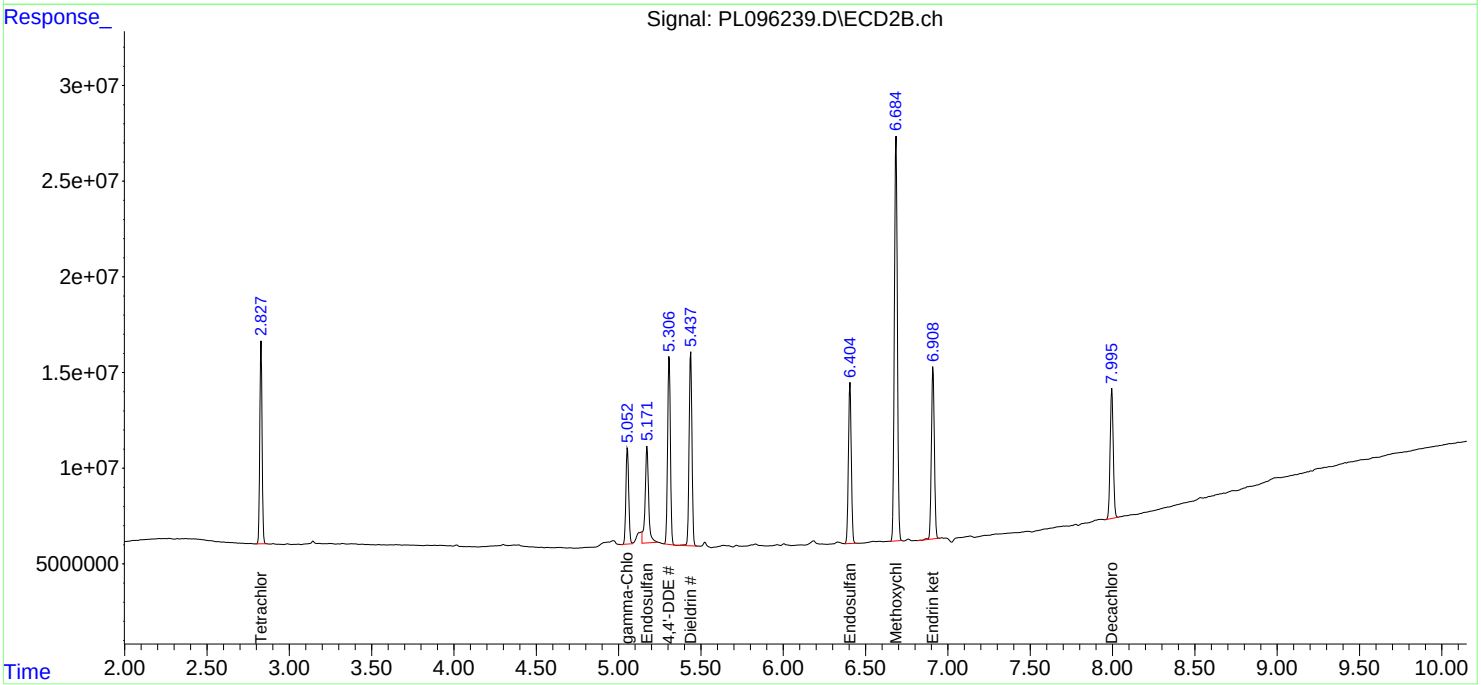
Instrument :
ECD_L
ClientSampleId :
RESCHK

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Project: CC2-16 Analytical **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/21/2025 07/21/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/21/2025	12:08	PD089537.D	9.07	3.55
PEM	PEM	07/21/2025	12:22	PD089538.D	9.07	3.55
RESCHK	RESCHK	07/21/2025	12:35	PD089539.D	9.07	3.55
PSTDICC100	PSTDICC100	07/21/2025	12:49	PD089540.D	9.07	3.55
PSTDICC075	PSTDICC075	07/21/2025	13:03	PD089541.D	9.07	3.55
PSTDICC050	PSTDICC050	07/21/2025	13:16	PD089542.D	9.07	3.55
PSTDICC025	PSTDICC025	07/21/2025	13:30	PD089543.D	9.07	3.55
PSTDICC005	PSTDICC005	07/21/2025	13:44	PD089544.D	9.07	3.55
PCHLORICC500	PCHLORICC500	07/21/2025	14:25	PD089547.D	9.07	3.55
PTOXICC500	PTOXICC500	07/21/2025	15:32	PD089552.D	9.07	3.55
I.BLK	I.BLK	07/29/2025	10:23	PD089666.D	9.07	3.55
PEM	PEM	07/29/2025	10:37	PD089667.D	9.07	3.55
PSTDCCC050	PSTDCCC050	07/29/2025	14:35	PD089668.D	9.08	3.56
CC0625-OXBL	Q2481-14	07/29/2025	14:49	PD089669.D	9.07	3.56
CC0627-CLOXAL	Q2481-19	07/29/2025	15:16	PD089670.D	9.07	3.59
CC0627-SFBL	Q2481-21	07/29/2025	15:43	PD089671.D	9.07	3.55
CC0627-CLOXPL	Q2481-13	07/29/2025	16:11	PD089672.D	9.07	3.56
I.BLK	I.BLK	07/29/2025	17:05	PD089674.D	9.07	3.55
PSTDCCC050	PSTDCCC050	07/29/2025	18:41	PD089675.D	9.08	3.56
I.BLK	I.BLK	07/07/2025	10:12	PL096237.D	9.02	3.54
PEM	PEM	07/07/2025	10:26	PL096238.D	9.02	3.54
RESCHK	RESCHK	07/07/2025	10:40	PL096239.D	9.02	3.54
PSTDICC100	PSTDICC100	07/07/2025	10:53	PL096240.D	9.02	3.54
PSTDICC075	PSTDICC075	07/07/2025	11:09	PL096241.D	9.02	3.54
PSTDICC050	PSTDICC050	07/07/2025	11:22	PL096242.D	9.02	3.54
PSTDICC025	PSTDICC025	07/07/2025	11:36	PL096243.D	9.02	3.54
PSTDICC005	PSTDICC005	07/07/2025	11:49	PL096244.D	9.02	3.54
PCHLORICC500	PCHLORICC500	07/07/2025	12:30	PL096247.D	9.02	3.54
PTOXICC500	PTOXICC500	07/07/2025	13:39	PL096252.D	9.02	3.54
I.BLK	I.BLK	07/24/2025	10:42	PL096551.D	9.02	3.53
PEM	PEM	07/24/2025	10:56	PL096552.D	9.01	3.53
PSTDCCC050	PSTDCCC050	07/24/2025	11:28	PL096553.D	9.02	3.54
PB168984BL	PB168984BL	07/24/2025	12:24	PL096554.D	9.02	3.53
PB168984BS	PB168984BS	07/24/2025	12:37	PL096555.D	9.02	3.54
PB168969TB	PB168969TB	07/24/2025	13:18	PL096558.D	9.02	3.54
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	17:02	PL096560.D	9.02	3.54
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	17:15	PL096561.D	9.02	3.54
CC0627-AL	Q2481-12	07/24/2025	17:29	PL096562.D	9.02	3.54
CC0627-AOXL	Q2481-15	07/24/2025	17:42	PL096563.D	9.02	3.54
I.BLK	I.BLK	07/24/2025	18:23	PL096566.D	9.02	3.54
PEM	PEM	07/24/2025	18:37	PL096567.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/24/2025	18:51	PL096568.D	9.02	3.54

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Analytical Sequence

CC0625-NL	Q2481-16	07/24/2025	20:26	PL096572.D	9.02	3.53
CC0267-OXPL	Q2481-17	07/24/2025	20:40	PL096573.D	9.02	3.53
CC0627-OXL	Q2481-18	07/24/2025	20:53	PL096574.D	9.02	3.54
CC0627-BL	Q2481-20	07/24/2025	21:07	PL096575.D	9.02	3.55
I.BLK	I.BLK	07/24/2025	21:20	PL096576.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/24/2025	23:50	PL096577.D	9.02	3.54

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Analytical Sequence

Client: Environmental Restoration, LLC **SDG No.:** Q2481

Project: CC2-16 Analytical **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/21/2025 07/21/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/21/2025	12:08	PD089537.D	8.07	2.88
PEM	PEM	07/21/2025	12:22	PD089538.D	8.07	2.88
RESCHK	RESCHK	07/21/2025	12:35	PD089539.D	8.07	2.88
PSTDICC100	PSTDICC100	07/21/2025	12:49	PD089540.D	8.07	2.88
PSTDICC075	PSTDICC075	07/21/2025	13:03	PD089541.D	8.07	2.88
PSTDICC050	PSTDICC050	07/21/2025	13:16	PD089542.D	8.07	2.88
PSTDICC025	PSTDICC025	07/21/2025	13:30	PD089543.D	8.07	2.88
PSTDICC005	PSTDICC005	07/21/2025	13:44	PD089544.D	8.07	2.88
PCHLORICC500	PCHLORICC500	07/21/2025	14:25	PD089547.D	8.07	2.88
PTOXICC500	PTOXICC500	07/21/2025	15:32	PD089552.D	8.07	2.88
I.BLK	I.BLK	07/29/2025	10:23	PD089666.D	8.07	2.88
PEM	PEM	07/29/2025	10:37	PD089667.D	8.07	2.88
PSTDCCC050	PSTDCCC050	07/29/2025	14:35	PD089668.D	8.07	2.88
CC0625-OXBL	Q2481-14	07/29/2025	14:49	PD089669.D	8.07	2.88
CC0627-CLOXAL	Q2481-19	07/29/2025	15:16	PD089670.D	8.07	2.87
CC0627-SFBL	Q2481-21	07/29/2025	15:43	PD089671.D	8.07	2.88
CC0627-CLOXPL	Q2481-13	07/29/2025	16:11	PD089672.D	8.07	2.88
I.BLK	I.BLK	07/29/2025	17:05	PD089674.D	8.07	2.88
PSTDCCC050	PSTDCCC050	07/29/2025	18:41	PD089675.D	8.07	2.88
I.BLK	I.BLK	07/07/2025	10:12	PL096237.D	8.00	2.83
PEM	PEM	07/07/2025	10:26	PL096238.D	8.00	2.83
RESCHK	RESCHK	07/07/2025	10:40	PL096239.D	8.00	2.83
PSTDICC100	PSTDICC100	07/07/2025	10:53	PL096240.D	8.00	2.83
PSTDICC075	PSTDICC075	07/07/2025	11:09	PL096241.D	8.00	2.83
PSTDICC050	PSTDICC050	07/07/2025	11:22	PL096242.D	8.00	2.83
PSTDICC025	PSTDICC025	07/07/2025	11:36	PL096243.D	8.00	2.83
PSTDICC005	PSTDICC005	07/07/2025	11:49	PL096244.D	8.00	2.83
PCHLORICC500	PCHLORICC500	07/07/2025	12:30	PL096247.D	8.00	2.83
PTOXICC500	PTOXICC500	07/07/2025	13:39	PL096252.D	8.00	2.83
I.BLK	I.BLK	07/24/2025	10:42	PL096551.D	7.99	2.83
PEM	PEM	07/24/2025	10:56	PL096552.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/24/2025	11:28	PL096553.D	7.99	2.83
PB168984BL	PB168984BL	07/24/2025	12:24	PL096554.D	7.99	2.82
PB168984BS	PB168984BS	07/24/2025	12:37	PL096555.D	7.99	2.83
PB168969TB	PB168969TB	07/24/2025	13:18	PL096558.D	7.99	2.83
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	17:02	PL096560.D	7.99	2.83
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	17:15	PL096561.D	7.99	2.83
CC0627-AL	Q2481-12	07/24/2025	17:29	PL096562.D	7.99	2.83
CC0627-AOXL	Q2481-15	07/24/2025	17:42	PL096563.D	7.99	2.83
I.BLK	I.BLK	07/24/2025	18:23	PL096566.D	7.99	2.83
PEM	PEM	07/24/2025	18:37	PL096567.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/24/2025	18:51	PL096568.D	7.99	2.83

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Analytical Sequence

CC0625-NL	Q2481-16	07/24/2025	20:26	PL096572.D	7.99	2.83
CC0267-OXPL	Q2481-17	07/24/2025	20:40	PL096573.D	7.99	2.83
CC0627-OXL	Q2481-18	07/24/2025	20:53	PL096574.D	7.99	2.84
CC0627-BL	Q2481-20	07/24/2025	21:07	PL096575.D	7.99	2.83
I.BLK	I.BLK	07/24/2025	21:20	PL096576.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/24/2025	23:50	PL096577.D	7.99	2.83

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MS

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Lab Sample ID: Q2641-02MS **Date(s) Analyzed:** 07/24/2025 07/24/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.46	7.41	7.51	4.40	2.2
	2	6.68	6.63	6.73	4.50	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	5.60	1.8
	2	3.67	3.62	3.72	5.70	
Heptachlor	1	4.90	4.85	4.95	5.50	0
	2	4.01	3.96	4.06	5.50	
Heptachlor epoxide	1	5.66	5.61	5.71	5.80	1.7
	2	4.80	4.75	4.85	5.70	
Endrin	1	6.54	6.49	6.59	5.40	1.9
	2	5.71	5.66	5.76	5.30	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MSD

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Lab Sample ID: Q2641-02MSD **Date(s) Analyzed:** 07/24/2025 07/24/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin	1	6.54	6.49	6.59	5.30	1.9
	2	5.71	5.66	5.76	5.20	
Methoxychlor	1	7.46	7.41	7.51	4.40	2.2
	2	6.68	6.63	6.73	4.50	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	5.60	0
	2	3.67	3.62	3.72	5.60	
Heptachlor	1	4.90	4.85	4.95	5.40	0
	2	4.02	3.97	4.07	5.40	
Heptachlor epoxide	1	5.66	5.61	5.71	5.70	1.8
	2	4.80	4.75	4.85	5.60	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168984BS

Lab Name: Alliance **Contract:** ENVI60

Lab Code: ACE **SDG NO.:** Q2481

Lab Sample ID: PB168984BS **Date(s) Analyzed:** 07/24/2025 07/24/2025

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.46	7.41	7.51	0.40	0.1
	2	6.68	6.63	6.73	0.40	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	0.56	6.2
	2	3.67	3.62	3.72	0.60	
Heptachlor	1	4.90	4.85	4.95	0.53	3.2
	2	4.01	3.96	4.06	0.55	
Heptachlor epoxide	1	5.66	5.61	5.71	0.61	3.3
	2	4.80	4.75	4.85	0.59	
Endrin	1	6.54	6.49	6.59	0.46	2.5
	2	5.71	5.66	5.76	0.48	

QC SAMPLE DATA

Raw Data: **PL096554.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	PB168984BL	SDG No.:	Q2481
Lab Sample ID:	PB168984BL	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096554.D	1	07/23/25 12:15	07/24/25 12:24	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.2		57 - 171	86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		61 - 148	98%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096554.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 12:24
Operator : AR\AJ
Sample : PB168984BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168984BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:30:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.534	2.824	65034236	112.8E6	17.823	19.552
28)	SA Decachlor...	9.020	7.992	48446043	77285816	17.222	15.499
	Target Compounds						

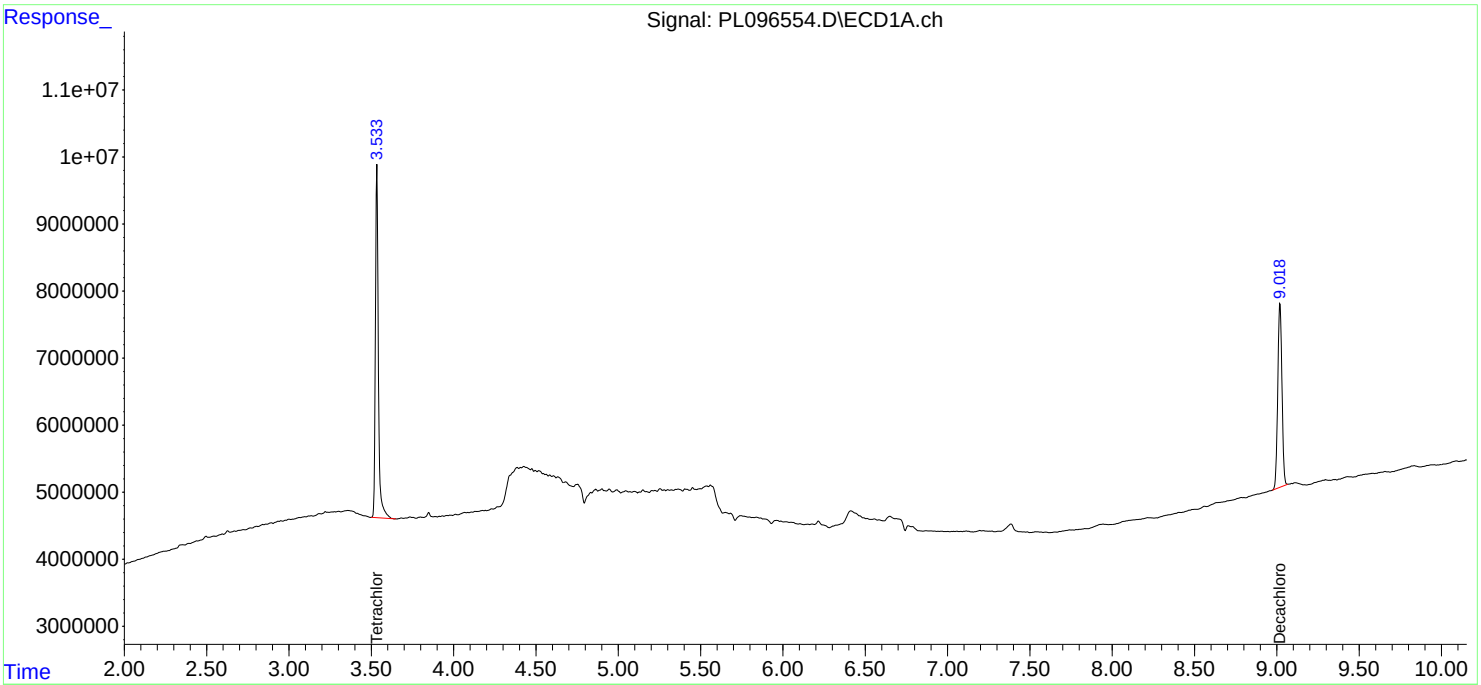
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

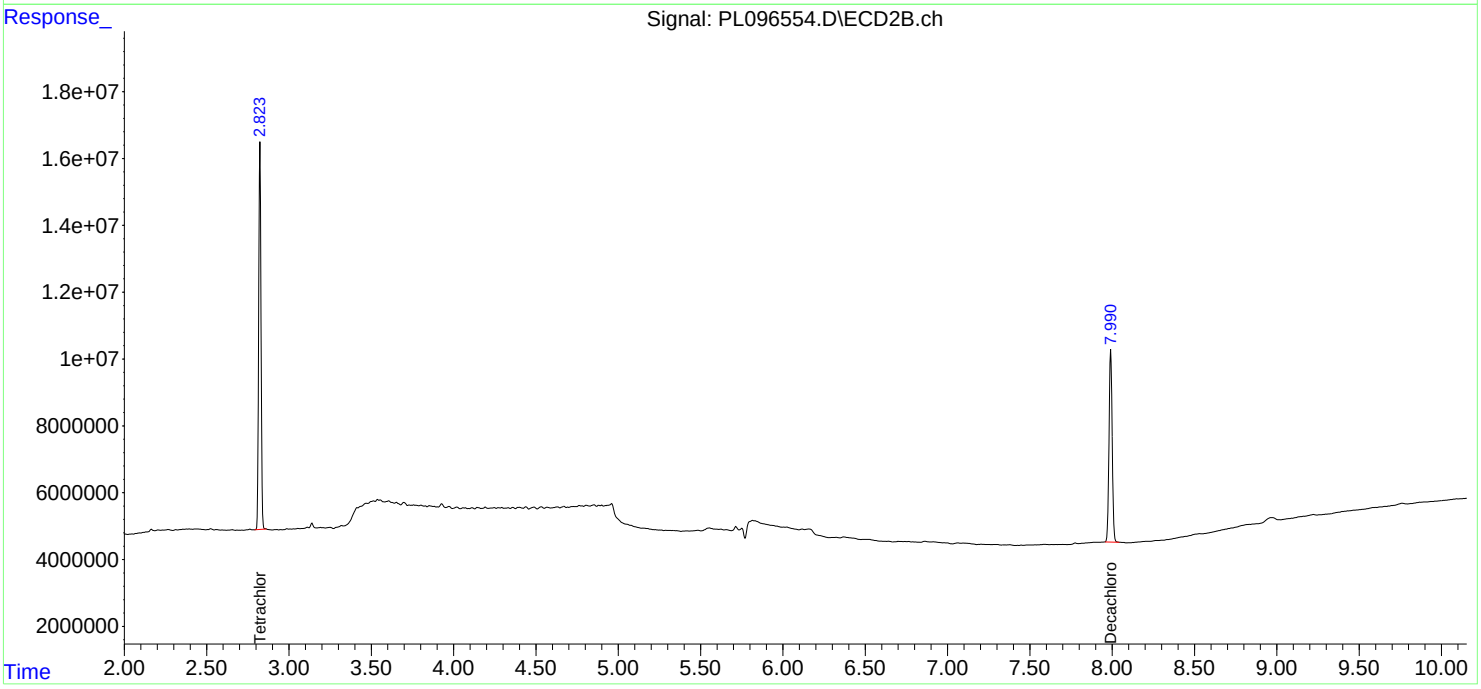
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 12:24
Operator : AR\AJ
Sample : PB168984BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

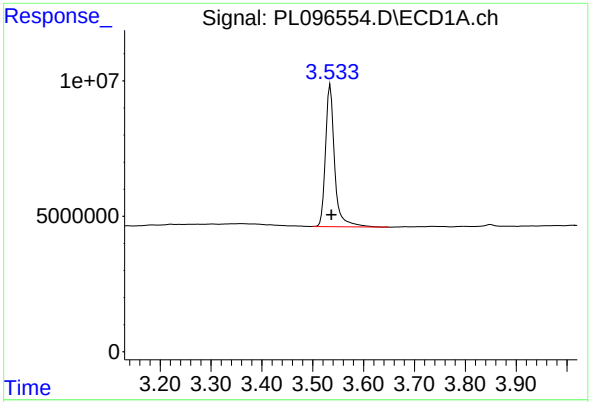
Instrument :
ECD_L
ClientSampleId :
PB168984BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:30:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



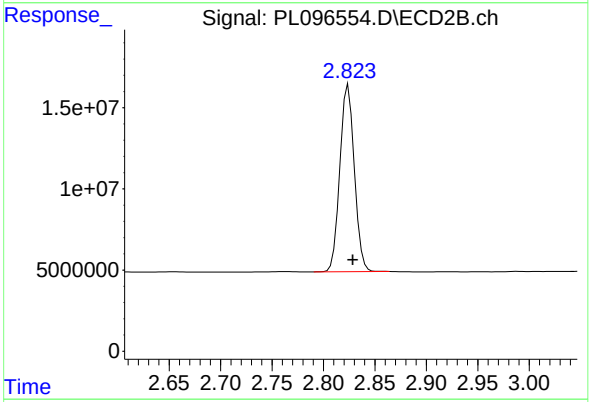




#1 Tetrachloro-m-xylene

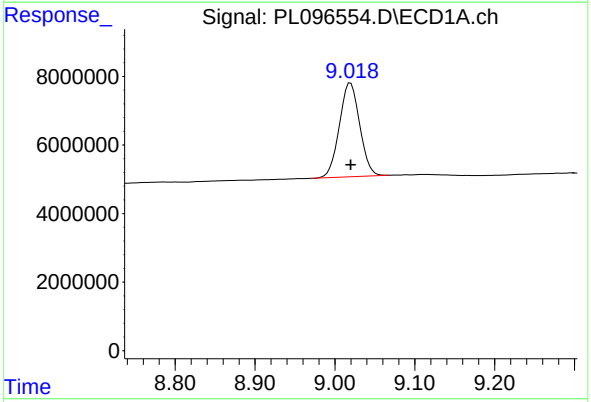
R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 65034236
Conc: 17.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168984BL



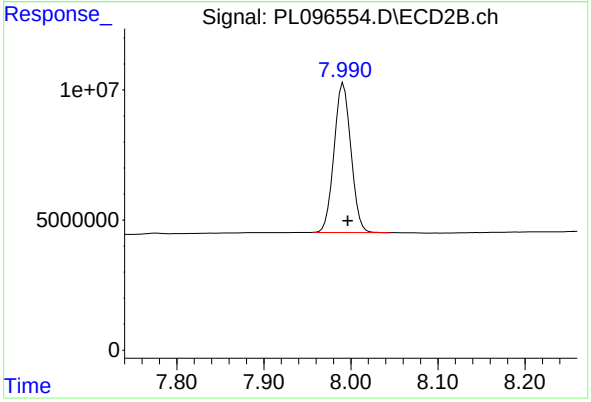
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 112838850
Conc: 19.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 48446043
Conc: 17.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.005 min
Response: 77285816
Conc: 15.50 ng/ml

Raw Data: **PD089537.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/21/25
Project:	CC2-16 Analytical	Date Received:	07/21/25
Client Sample ID:	PIBLK-PD089537.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PD089537.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089537.D	1		07/21/25	PD072125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.5		60 - 140	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 140	103%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PD089537.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:08
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.548	2.879	53204812	390.1E6	18.465	19.936
28)	SA Decachlor...	9.070	8.070	86998119	504.4E6	21.183	20.530
	Target Compounds						

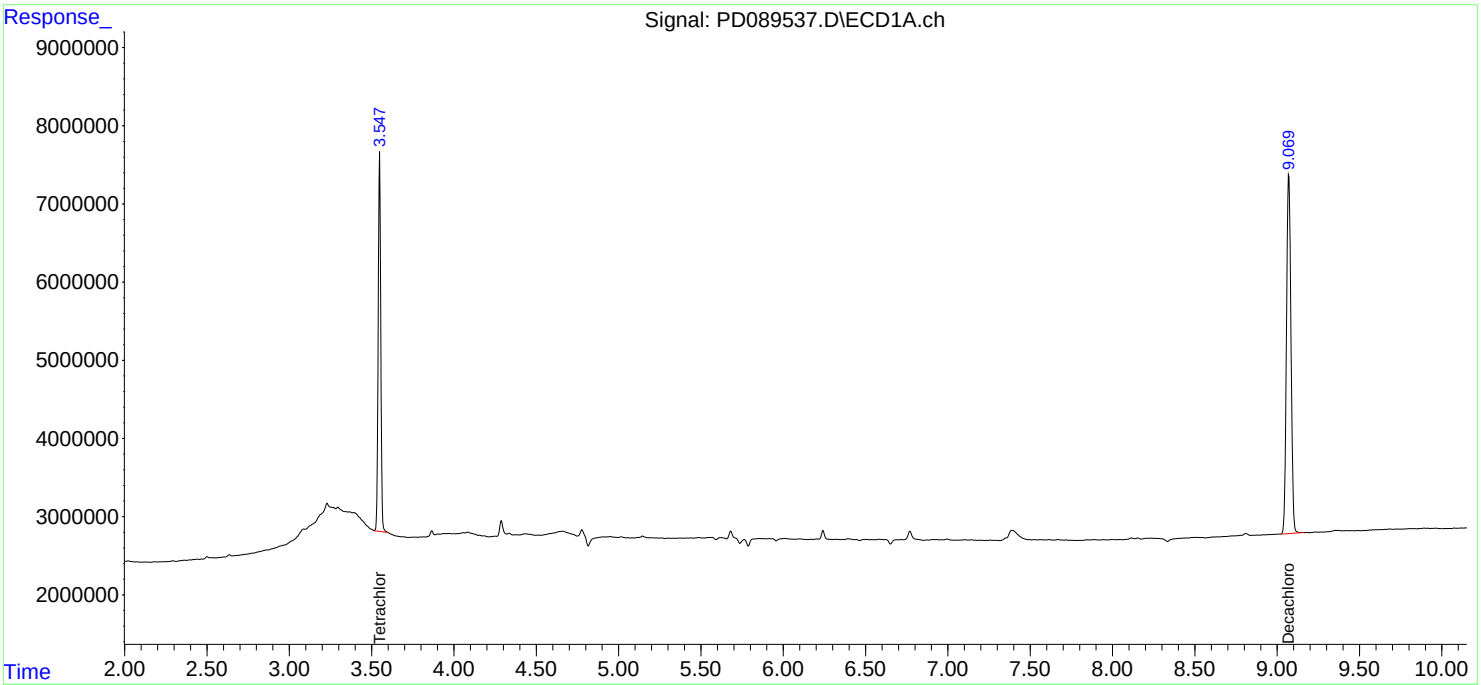
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

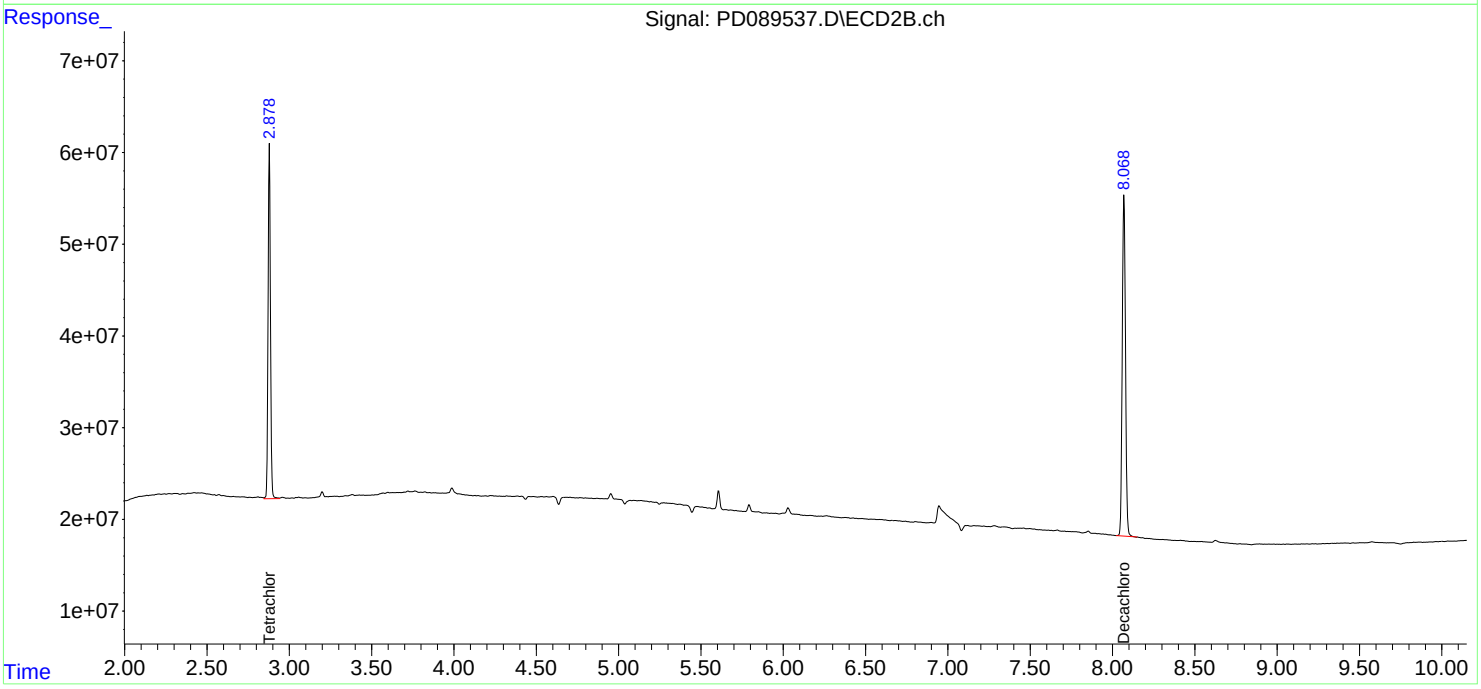
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072125\
Data File : PD089537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:08
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

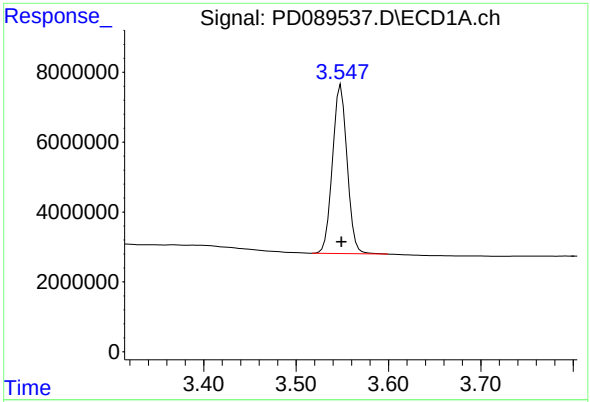
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 04:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



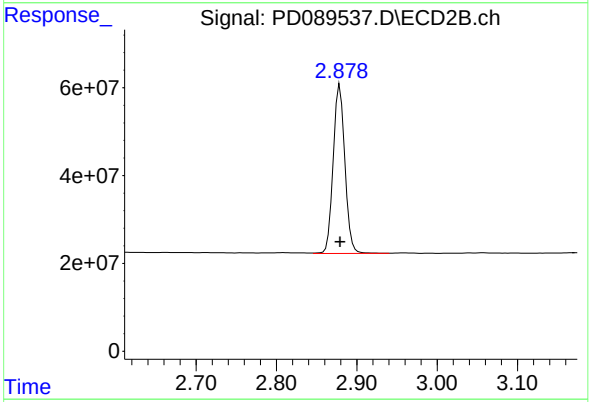




#1 Tetrachloro-m-xylene

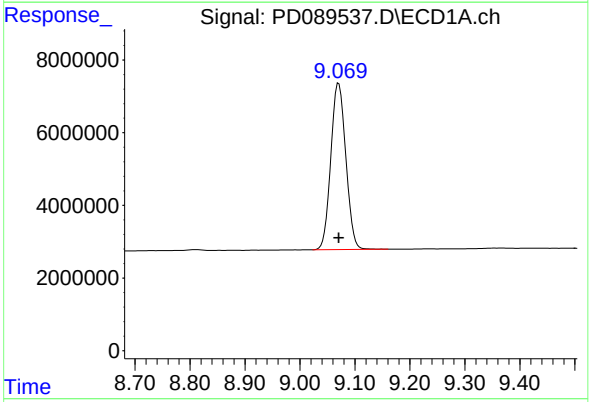
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 53204812
Conc: 18.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



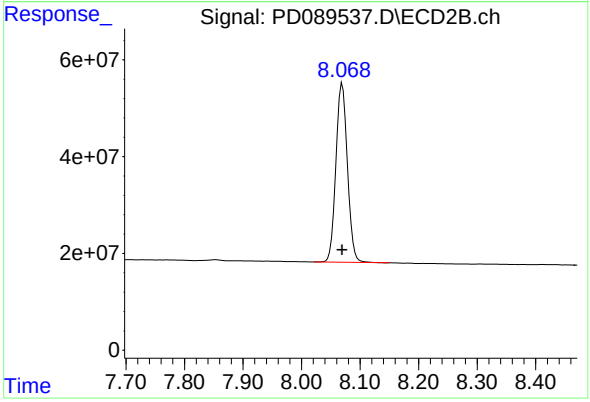
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.000 min
Response: 390076196
Conc: 19.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 86998119
Conc: 21.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 504391011
Conc: 20.53 ng/ml

Raw Data: **PD089666.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/29/25
Project:	CC2-16 Analytical	Date Received:	07/29/25
Client Sample ID:	PIBLK-PD089666.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PD089666.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089666.D	1		07/29/25	Pd072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	26.5		57 - 171	133%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		61 - 148	87%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Sample Results: **PD089666.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089666.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 10:23
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:40:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.550	2.880	49000089	339.5E6	17.006	17.351
28)	SA Decachlor...	9.072	8.068	108.9E6	538.1E6	26.521	21.902
	Target Compounds						

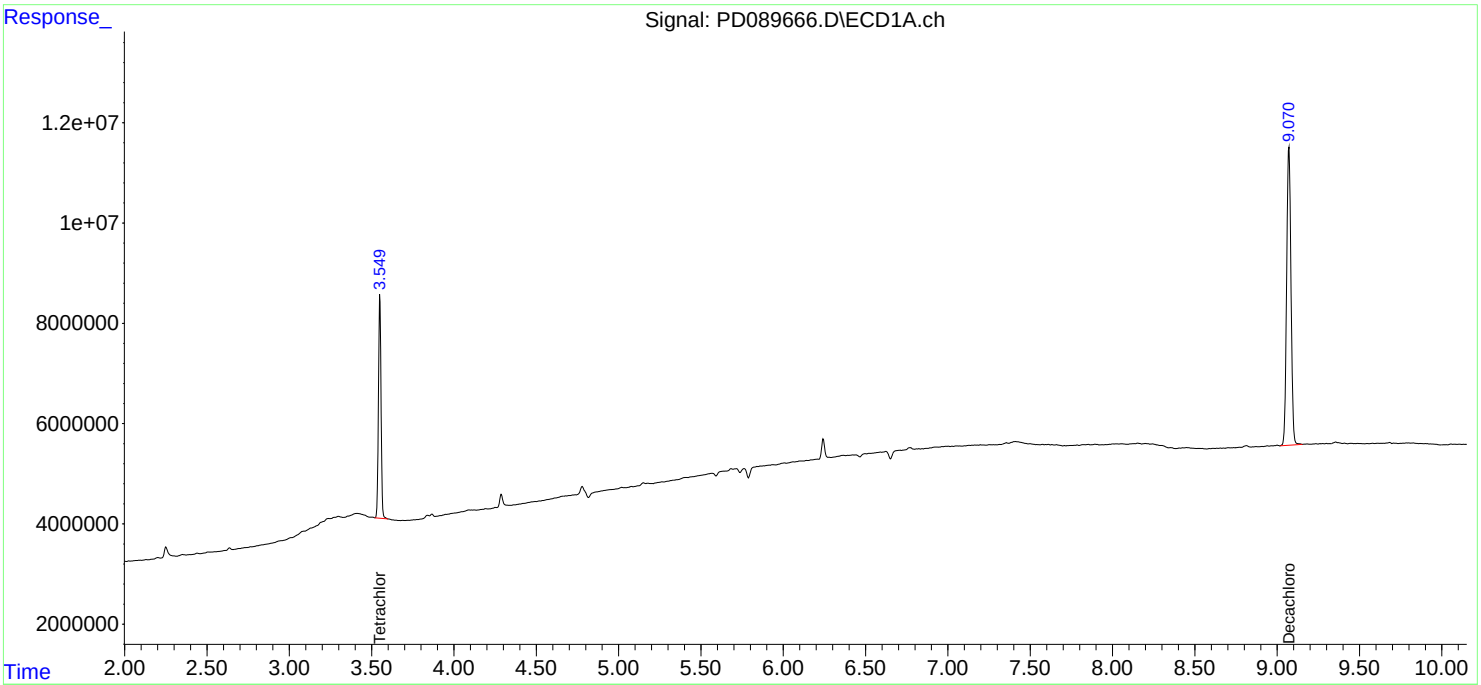
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

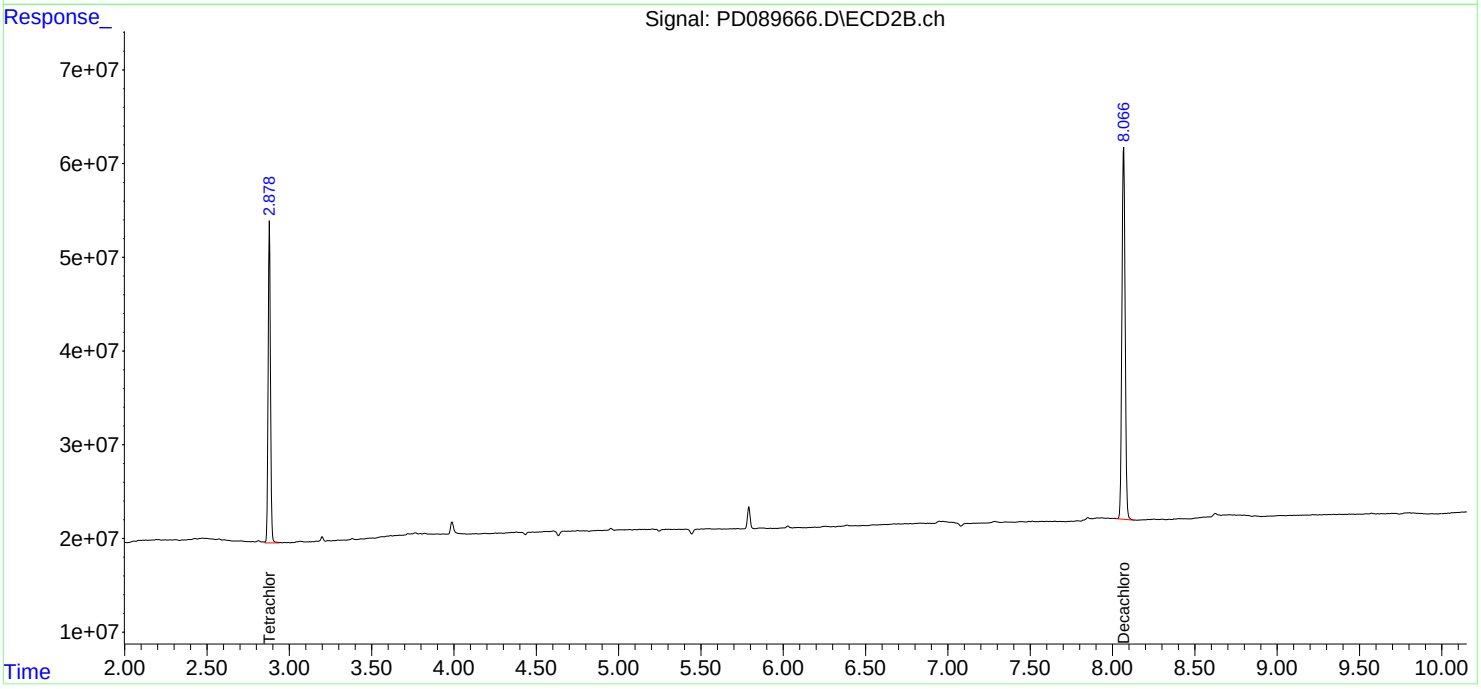
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089666.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 10:23
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

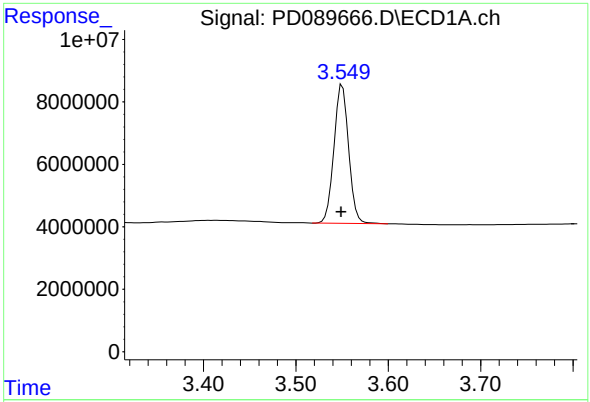
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 15:40:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



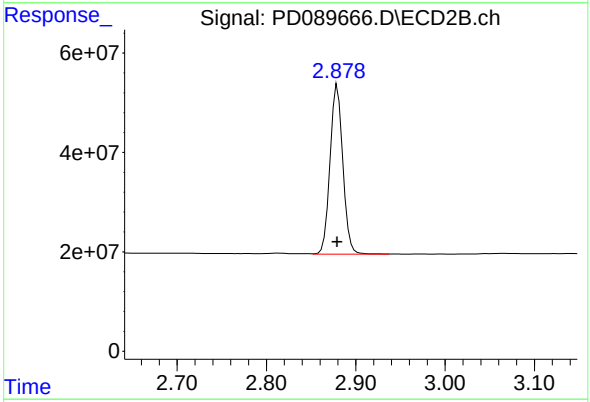




#1 Tetrachloro-m-xylene

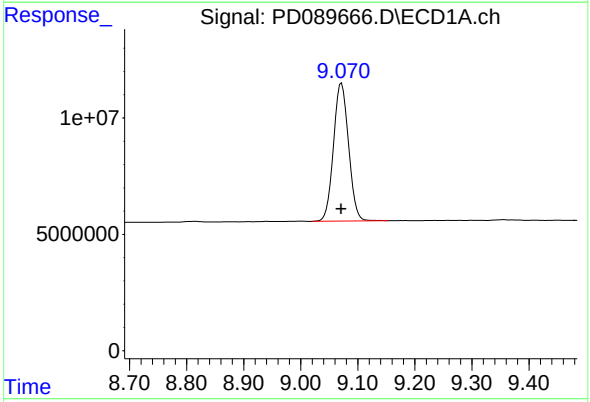
R.T.: 3.550 min
Delta R.T.: 0.001 min
Response: 49000089
Conc: 17.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



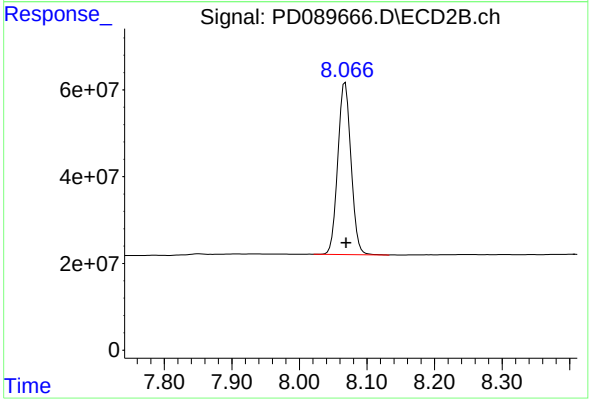
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 339493062
Conc: 17.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 108923286
Conc: 26.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.002 min
Response: 538107680
Conc: 21.90 ng/ml

Raw Data: **PD089674.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/29/25
Project:	CC2-16 Analytical	Date Received:	07/29/25
Client Sample ID:	PIBLK-PD089674.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PD089674.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089674.D	1		07/29/25	pd072925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.3		57 - 171	127%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.7		61 - 148	84%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 17:05
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 03:20:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.550	2.880	48247807	320.9E6	16.745	16.402
28)	SA Decachlor...	9.071	8.068	103.9E6	510.3E6	25.303	20.769
	Target Compounds						

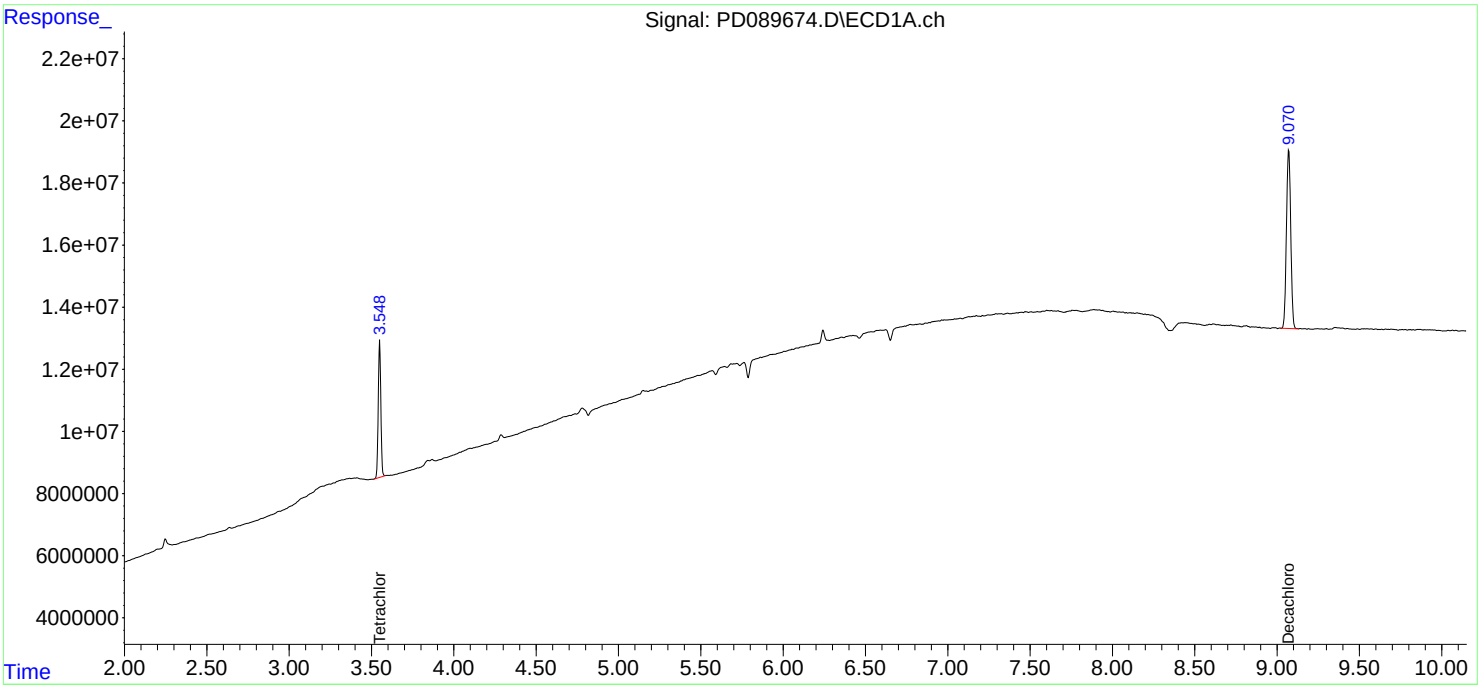
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

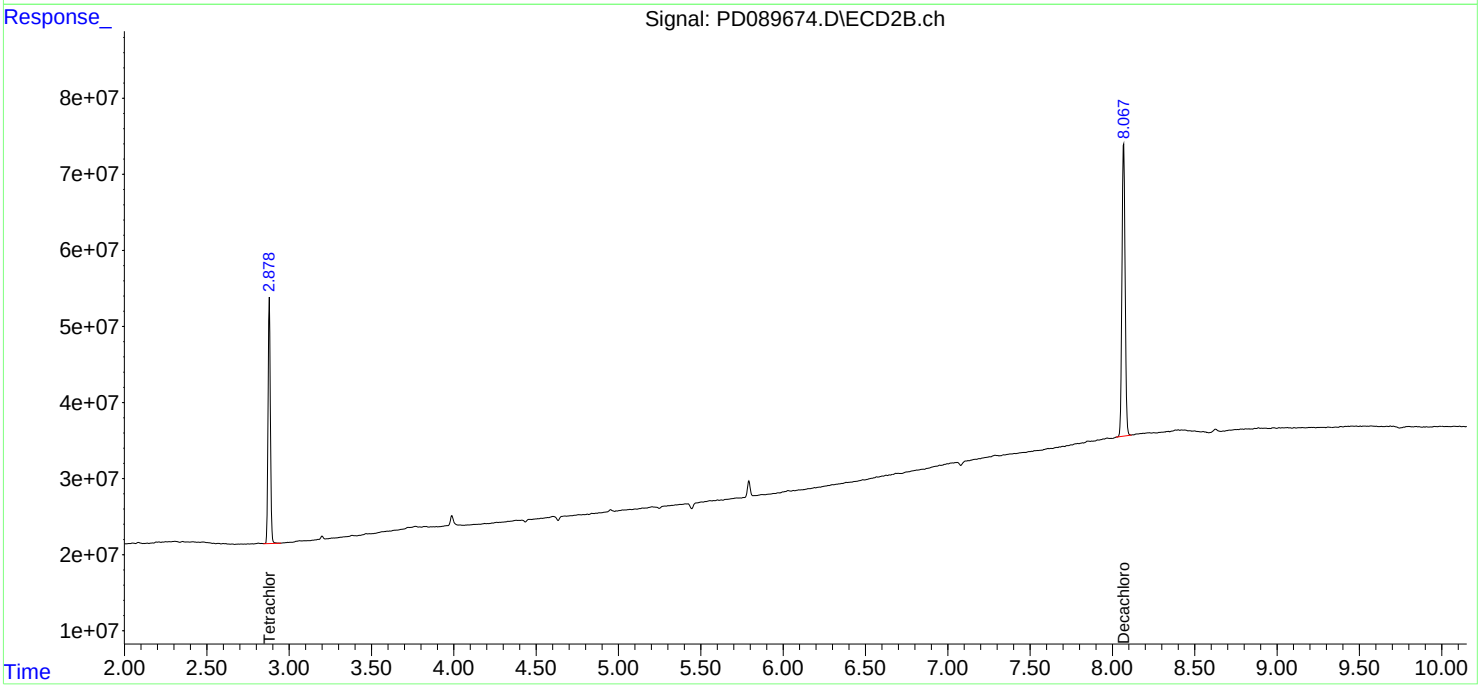
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072925\
Data File : PD089674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 17:05
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

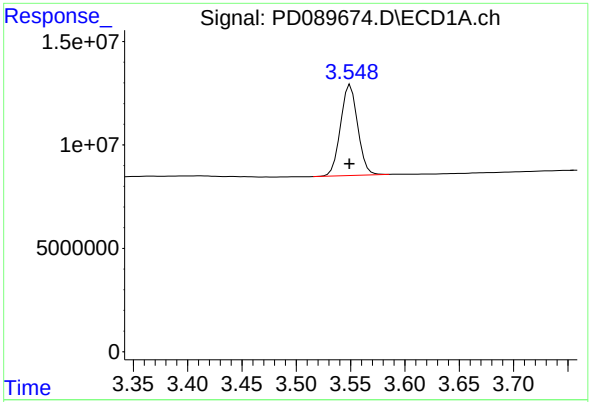
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 03:20:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



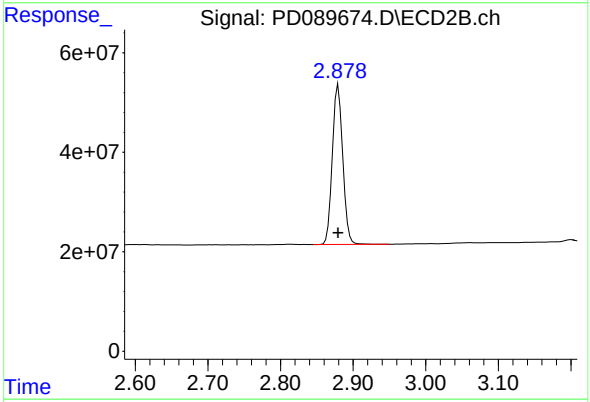




#1 Tetrachloro-m-xylene

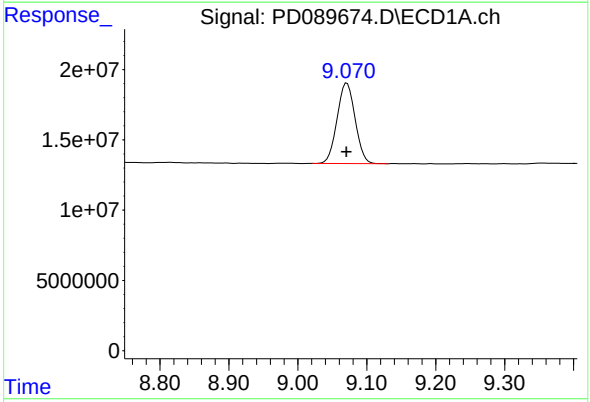
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 48247807
Conc: 16.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



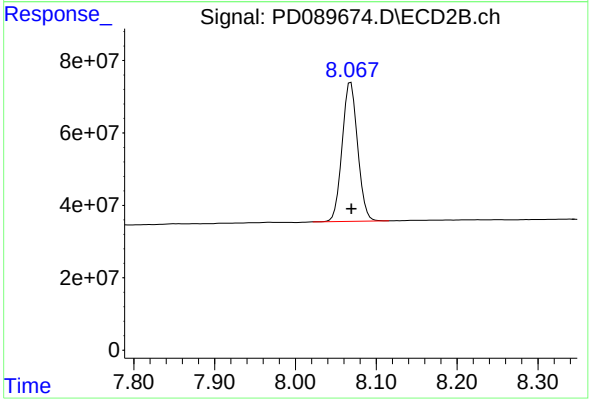
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 320922691
Conc: 16.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 103920567
Conc: 25.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 510260545
Conc: 20.77 ng/ml

Raw Data: **PL096237.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/07/25
Project:	CC2-16 Analytical	Date Received:	07/07/25
Client Sample ID:	PIBLK-PL096237.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PL096237.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096237.D	1		07/07/25	PL070725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		57 - 171	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		61 - 148	94%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096237.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:12
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:27:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.538	2.829	65245651	109.0E6	17.881	18.891
28)	SA Decachlor...	9.020	7.997	54884459	100.0E6	19.511	20.056
	Target Compounds						

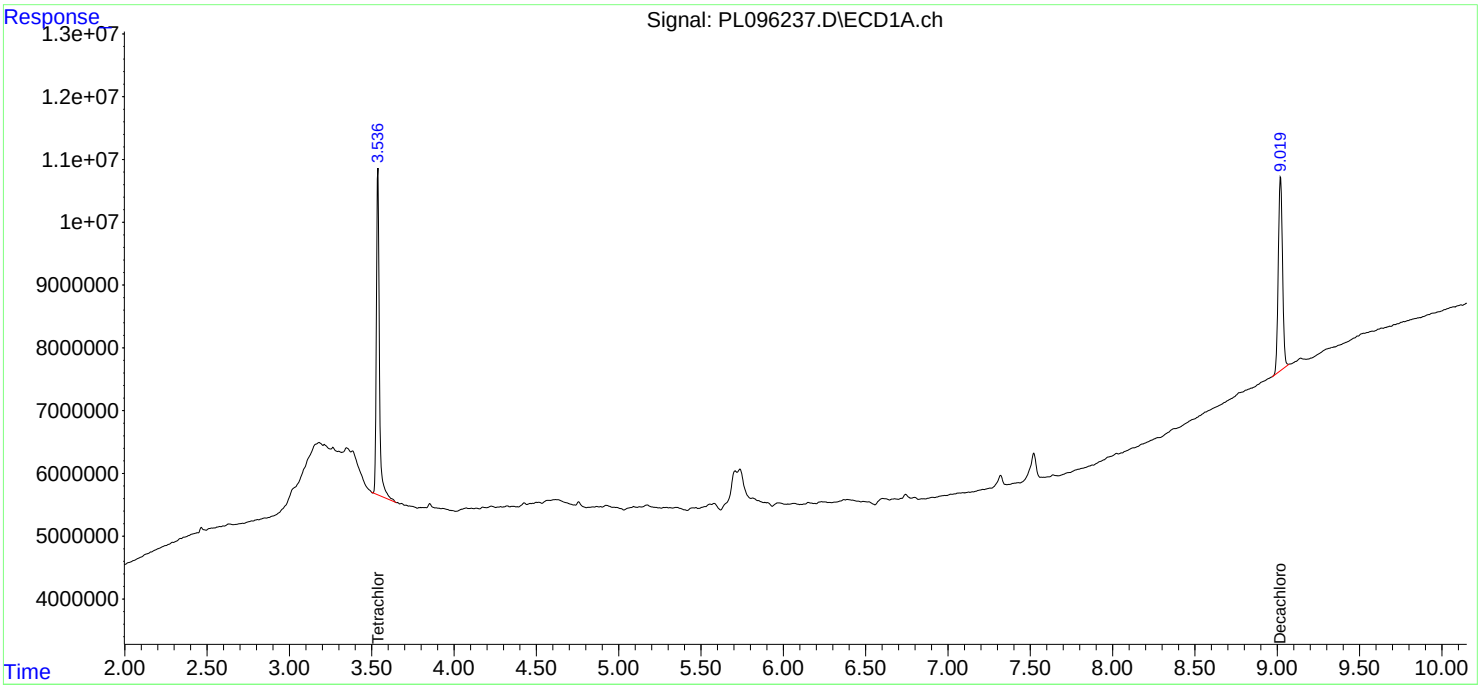
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

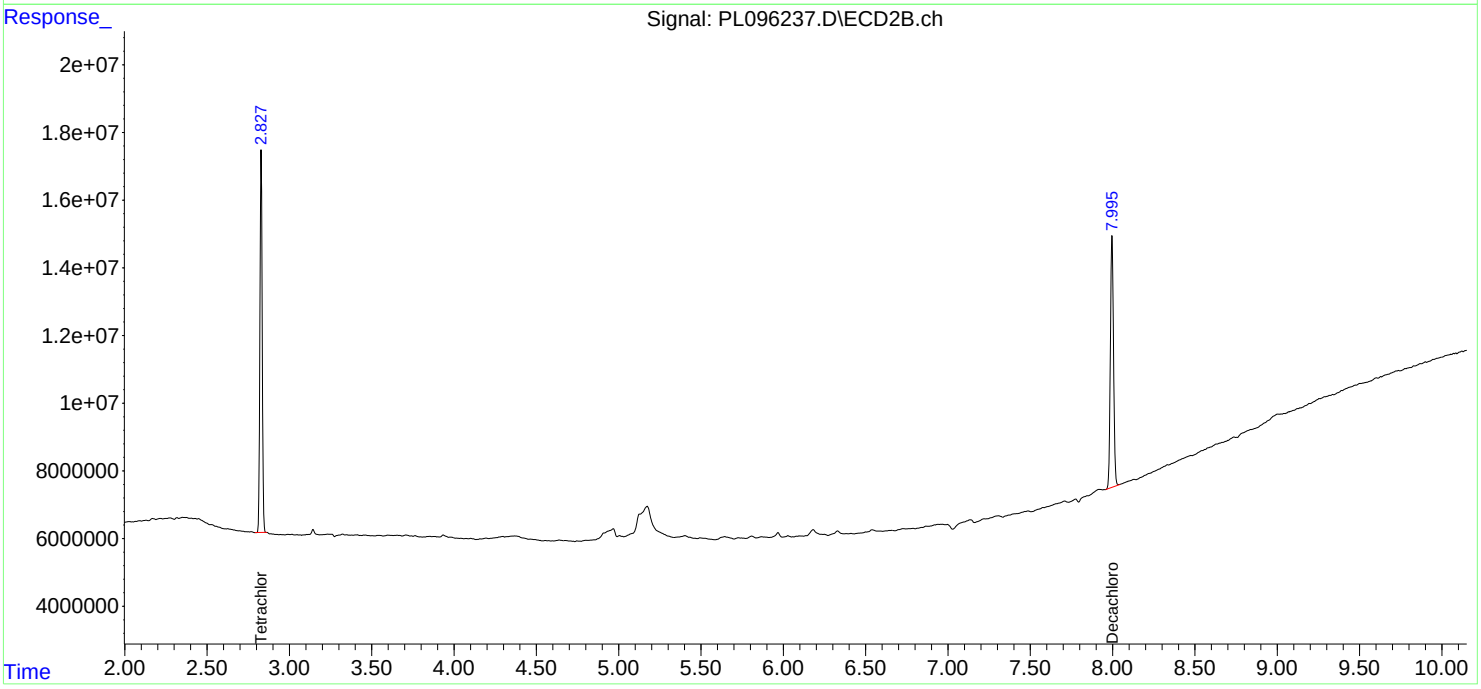
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:12
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

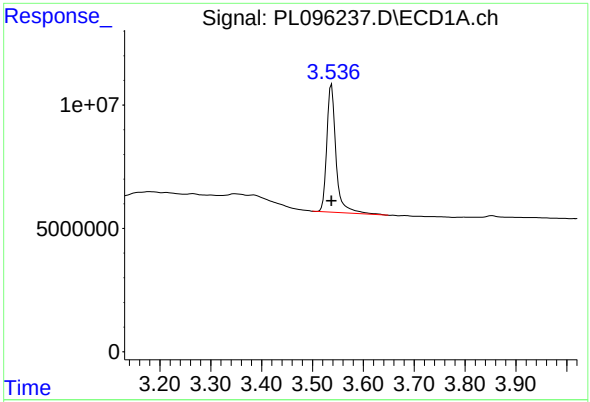
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 15:27:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



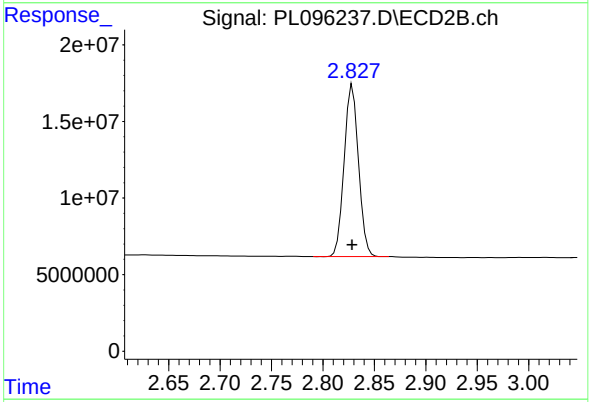




#1 Tetrachloro-m-xylene

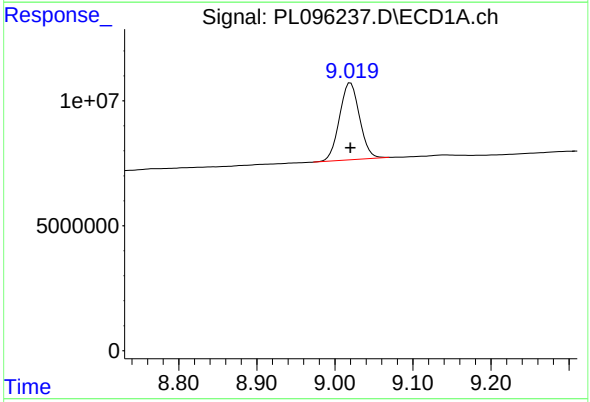
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 65245651
Conc: 17.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



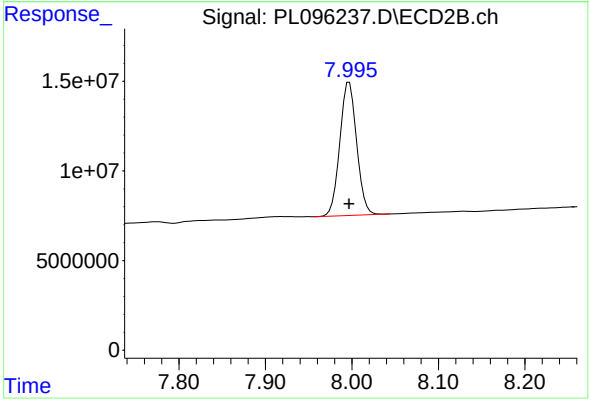
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 109023605
Conc: 18.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 54884459
Conc: 19.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 100011029
Conc: 20.06 ng/ml

Raw Data: **PL096551.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/24/25
Project:	CC2-16 Analytical	Date Received:	07/24/25
Client Sample ID:	PIBLK-PL096551.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PL096551.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096551.D	1		07/24/25	pl072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		57 - 171	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.3		61 - 148	116%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096551.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096551.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 10:42
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:29:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.534	2.826	79790083	134.3E6	21.866	23.270
28)	SA Decachlor...	9.015	7.990	56441862	84096495	20.064	16.865
	Target Compounds						

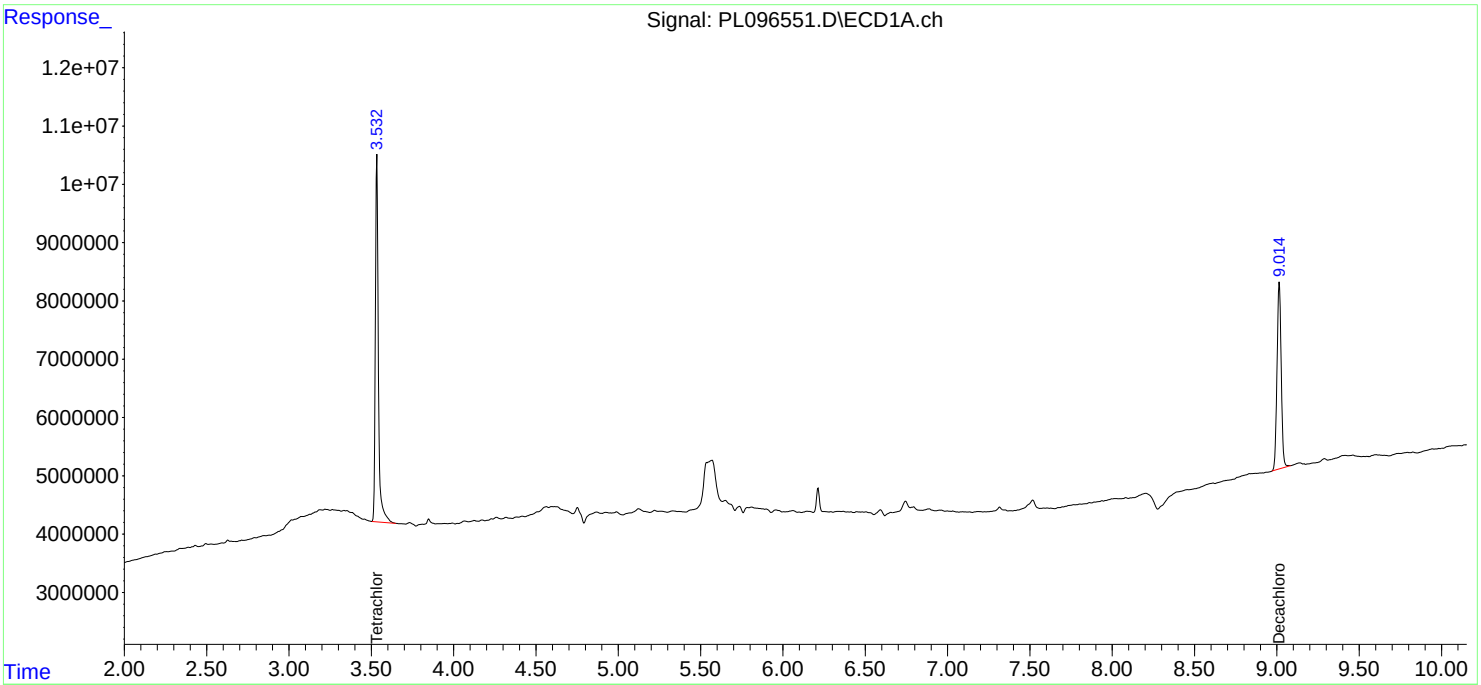
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

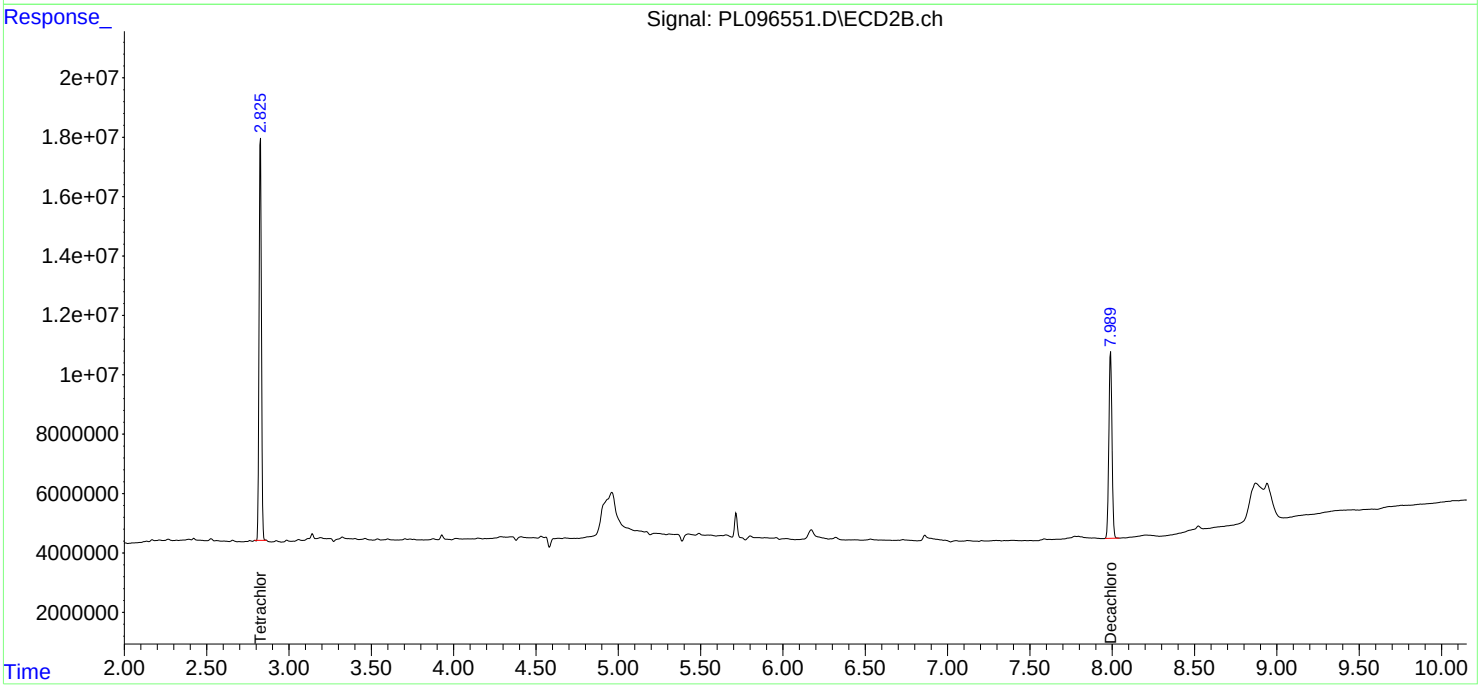
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096551.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 10:42
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

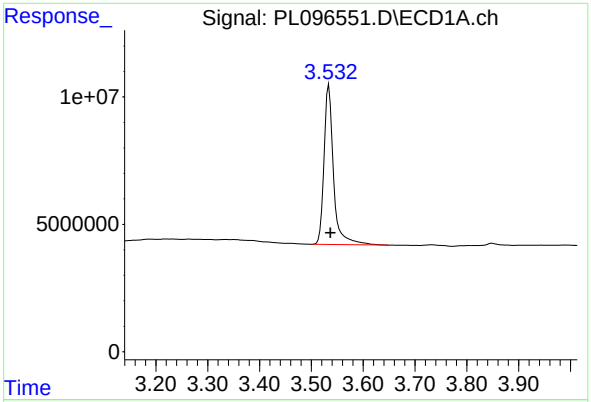
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:29:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



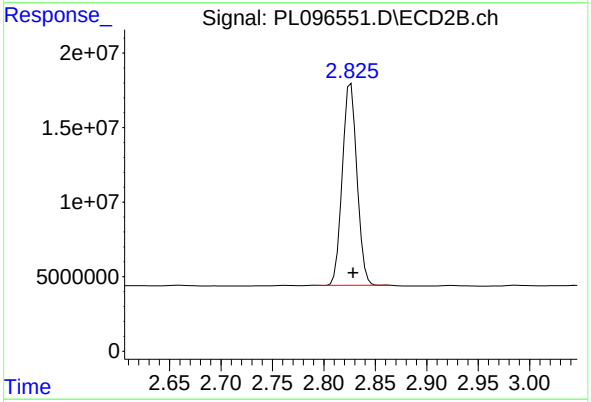




#1 Tetrachloro-m-xylene

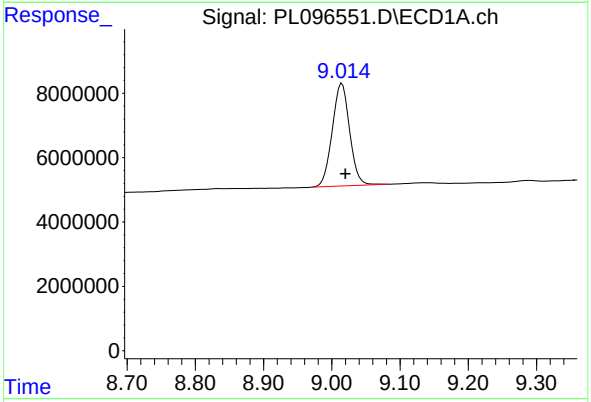
R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 79790083
Conc: 21.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



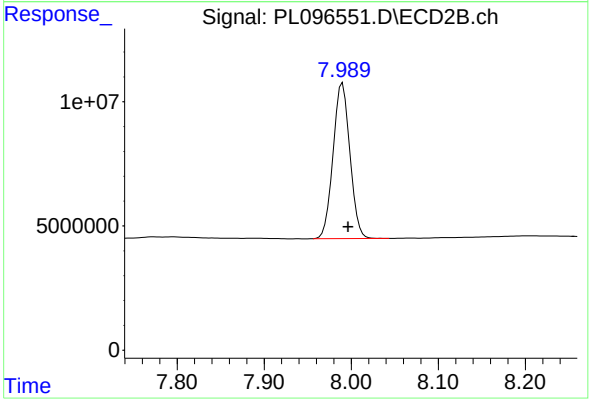
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 134295794
Conc: 23.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: -0.005 min
Response: 56441862
Conc: 20.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.006 min
Response: 84096495
Conc: 16.86 ng/ml

Raw Data: **PL096566.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/24/25
Project:	CC2-16 Analytical	Date Received:	07/24/25
Client Sample ID:	PIBLK-PL096566.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PL096566.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096566.D	1		07/24/25	pl072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.3		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.5		61 - 148	112%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096566.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 18:23
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:34:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.535	2.828	74689111	129.8E6	20.469	22.485
28)	SA Decachlor...	9.016	7.992	59798307	90723174	21.257	18.194
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

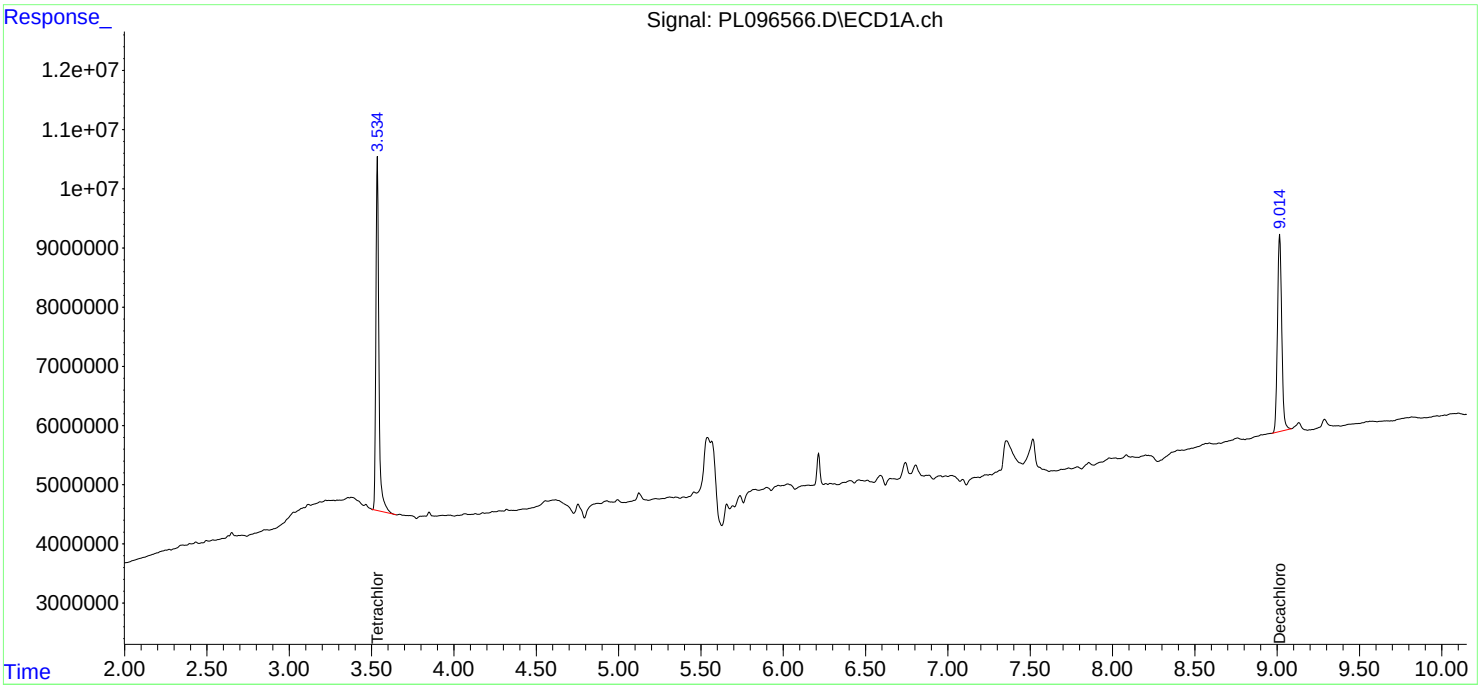
Sample Results: **PL096566.D**

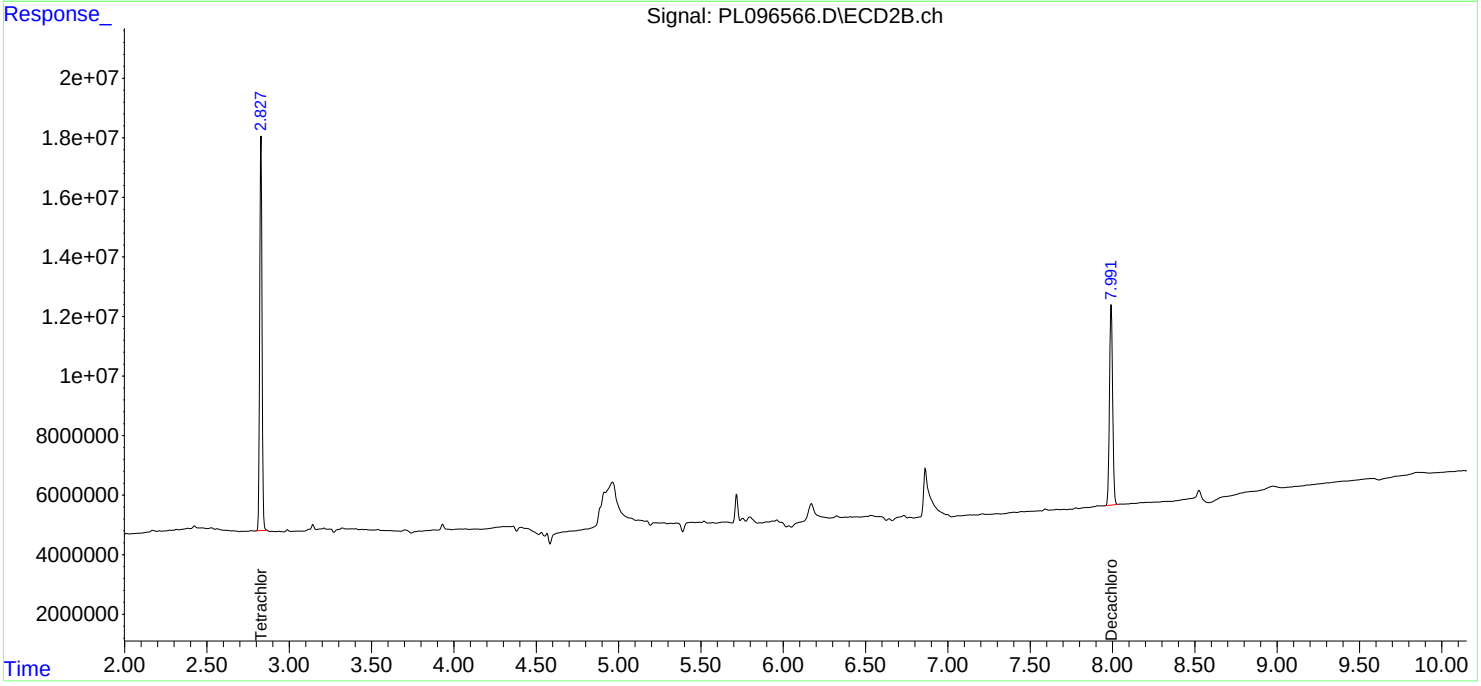
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 18:23
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

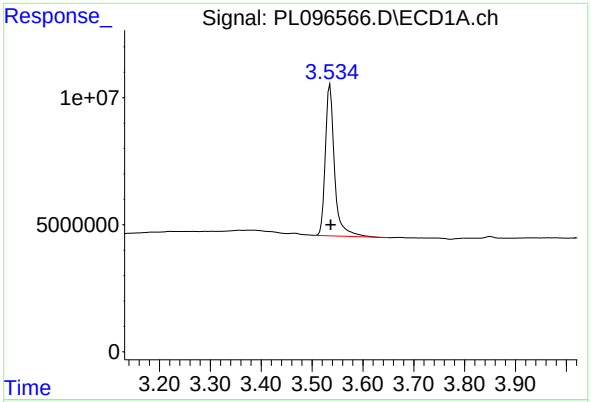
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:34:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



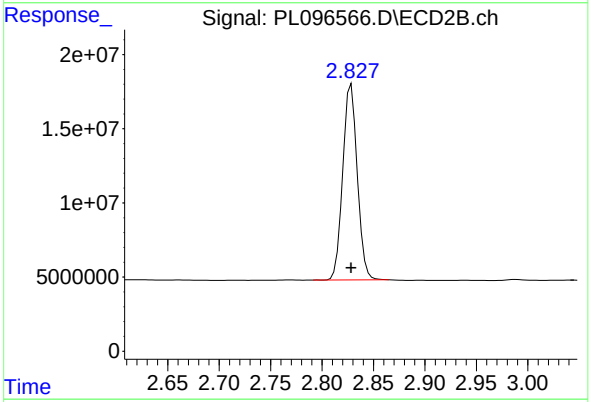




#1 Tetrachloro-m-xylene

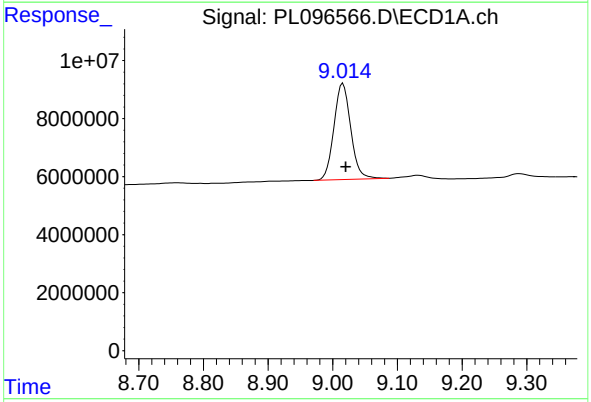
R.T.: 3.535 min
Delta R.T.: -0.002 min
Response: 74689111
Conc: 20.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



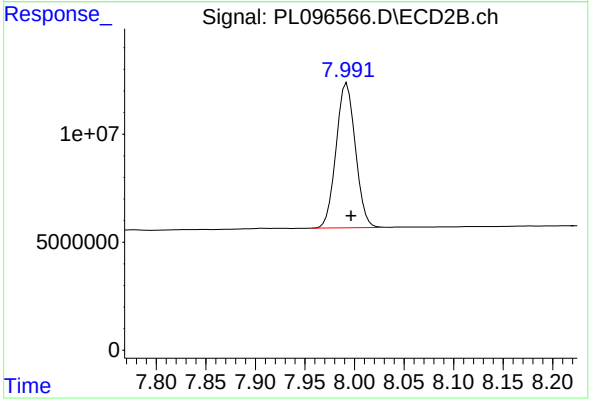
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 129767766
Conc: 22.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.004 min
Response: 59798307
Conc: 21.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 90723174
Conc: 18.19 ng/ml

Raw Data: **PL096576.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/24/25
Project:	CC2-16 Analytical	Date Received:	07/24/25
Client Sample ID:	PIBLK-PL096576.D	SDG No.:	Q2481
Lab Sample ID:	I.BLK-PL096576.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096576.D	1		07/24/25	pl072425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.5		57 - 171	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		61 - 148	98%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096576.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 21:20
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:39:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.536	2.828	64567576	113.2E6	17.695	19.609
28)	SA Decachlor...	9.017	7.993	46420276	69786147	16.502	13.995
	Target Compounds						

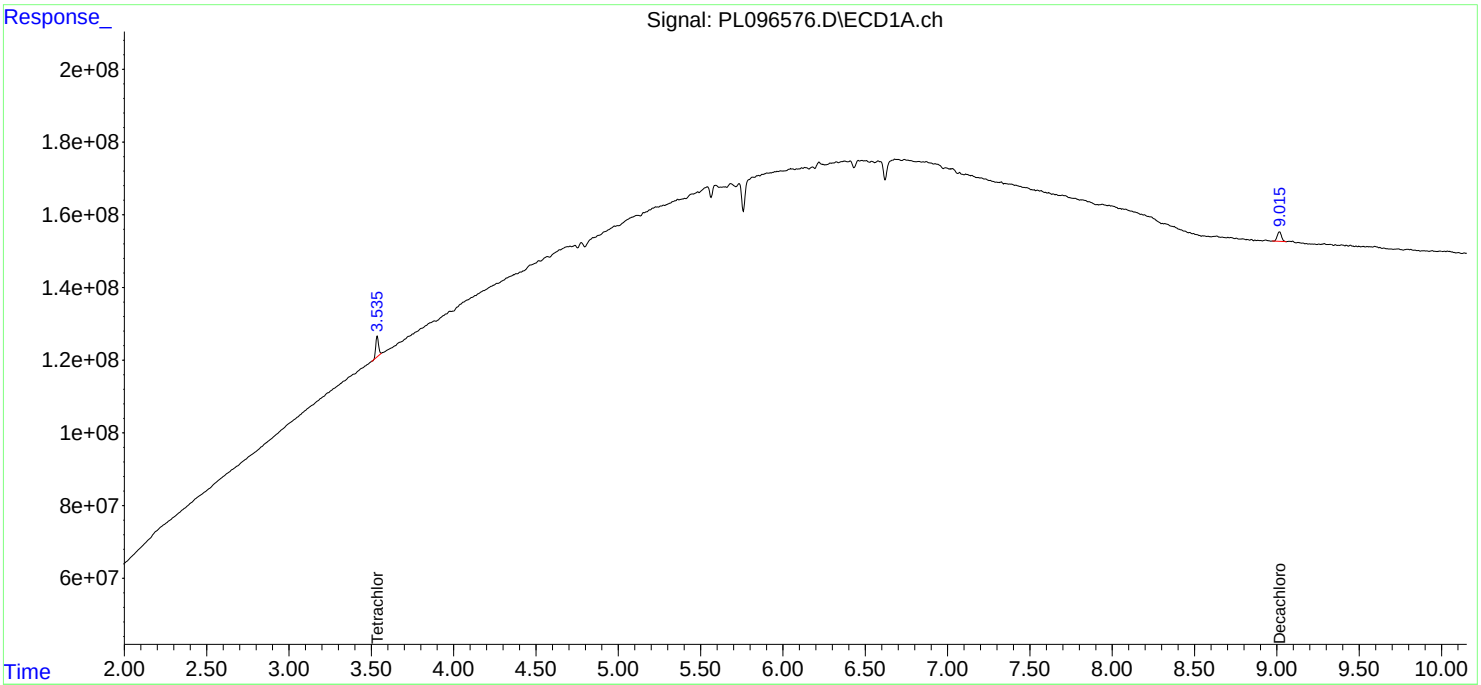
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

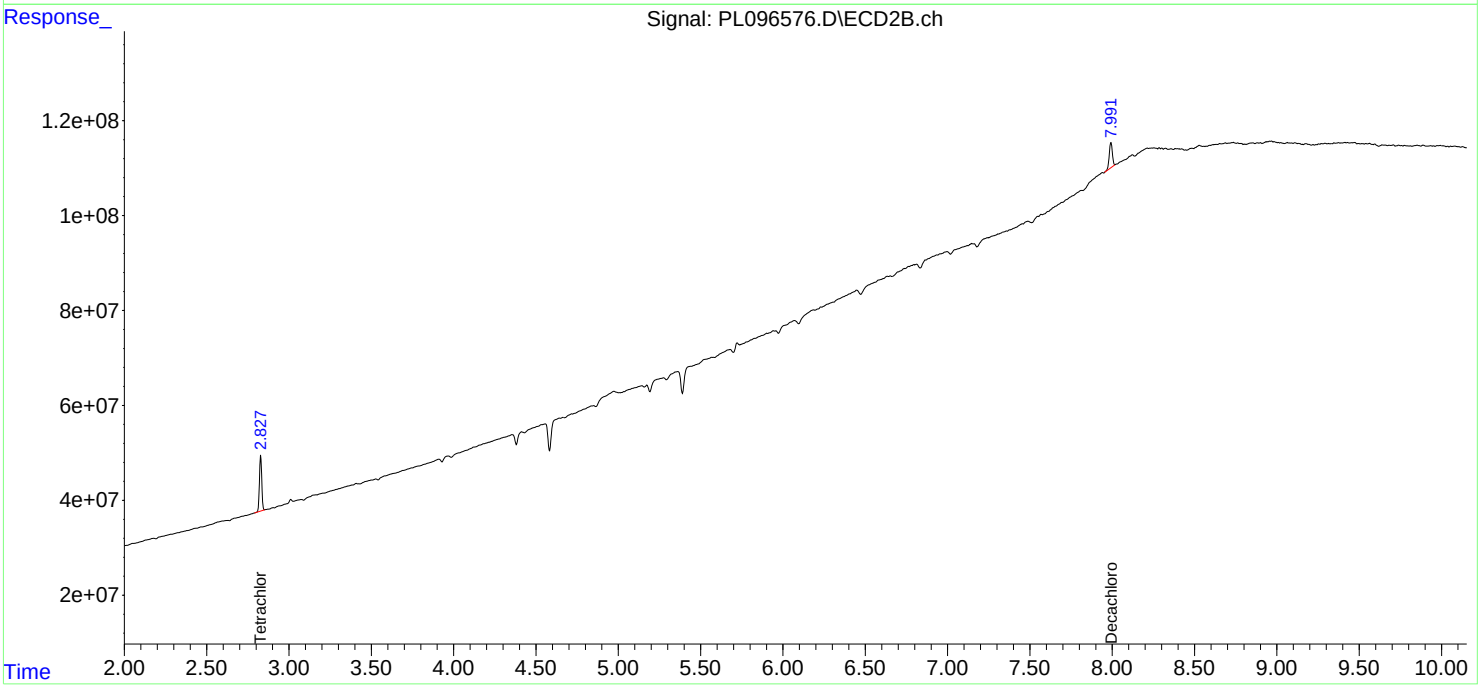
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 21:20
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

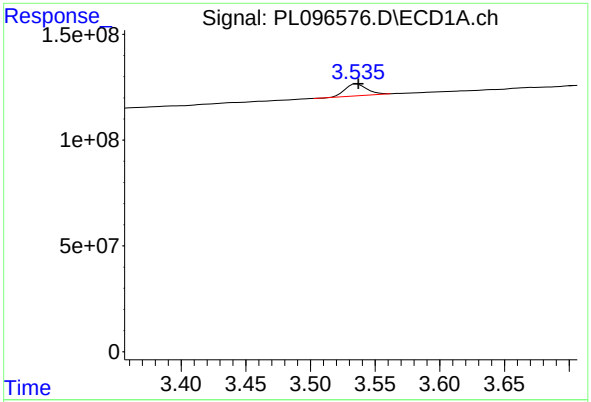
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:39:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



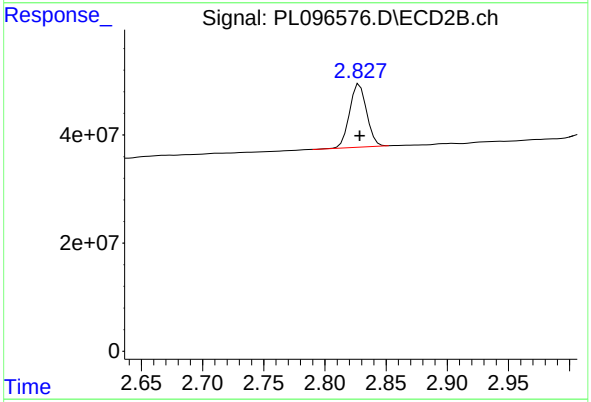




#1 Tetrachloro-m-xylene

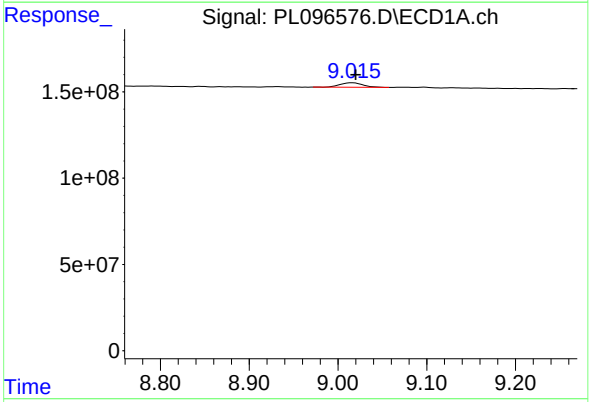
R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 64567576
Conc: 17.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



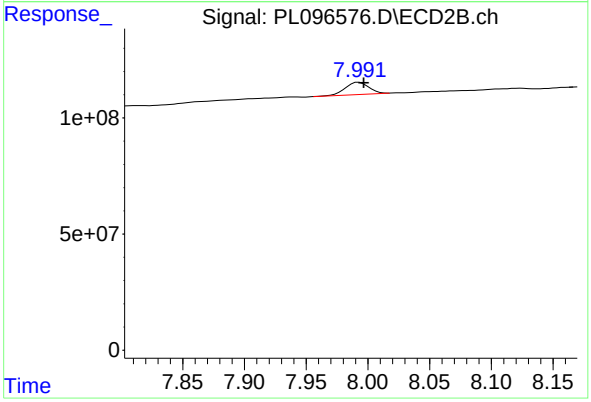
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 113166148
Conc: 19.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 46420276
Conc: 16.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 69786147
Conc: 14.00 ng/ml

Raw Data: **PL096555.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	CC2-16 Analytical	Date Received:	
Client Sample ID:	PB168984BS	SDG No.:	Q2481
Lab Sample ID:	PB168984BS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096555.D	1	07/23/25 12:15	07/24/25 12:37	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.60		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.55		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.61		0.0096	0.050	ug/L
72-20-8	Endrin	0.48		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.40		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.0		57 - 171	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		61 - 148	104%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 12:37
Operator : AR\AJ
Sample : PB168984BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168984BS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:31:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.535	2.827	70699130	119.6E6	19.375	20.731
28) SA	Decachlor...	9.015	7.991	53333178	83924263	18.959	16.830
	Target Compounds						
2) A	alpha-BHC	3.982	3.333	296.3E6	513.0E6	57.617	60.825
3) MA	gamma-BHC...	4.310	3.665	280.9E6	472.6E6	56.408	60.000
4) MA	Heptachlor	4.902	4.013	245.0E6	419.9E6	53.468	55.195
5) MB	Aldrin	5.243	4.296	270.0E6	440.4E6	55.863	60.363
6) B	beta-BHC	4.497	3.960	118.7E6	196.7E6	57.077	57.442
7) B	delta-BHC	4.742	4.193	266.8E6	464.2E6	59.536	60.269
8) B	Heptachlo...	5.662	4.798	252.8E6	394.2E6	60.921	58.963
9) A	Endosulfan I	6.043	5.169	223.3E6	368.0E6	55.305	51.301
10) B	gamma-Chl...	5.915	5.050	251.7E6	418.8E6	56.892	59.656
11) B	alpha-Chl...	5.996	5.114	243.9E6	405.7E6	55.691	53.942
12) B	4,4'-DDE	6.166	5.303	208.1E6	387.7E6	56.117	59.983
13) MA	Dieldrin	6.315	5.433	229.4E6	407.2E6	54.252	59.718
14) MA	Endrin	6.542	5.707	144.5E6	290.3E6	46.452	47.619
15) B	Endosulfa...	6.754	6.000	185.8E6	339.9E6	53.553	57.972
16) A	4,4'-DDD	6.674	5.855	179.4E6	355.0E6	61.624	69.212
17) MA	4,4'-DDT	6.989	6.107	128.4E6	249.5E6	42.291	43.497
18) B	Endrin al...	6.881	6.178	139.9E6	258.6E6	62.596m	58.059
19) B	Endosulfa...	7.117	6.401	162.3E6	314.9E6	53.061	55.987
20) A	Methoxychlor	7.461	6.680	62530226	120.7E6	39.692	39.740
21) B	Endrin ke...	7.596	6.905	179.9E6	351.4E6	54.474	56.207
22)	Mirex	8.075	7.096	129.3E6	229.2E6	46.466	46.142

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL096555.D**

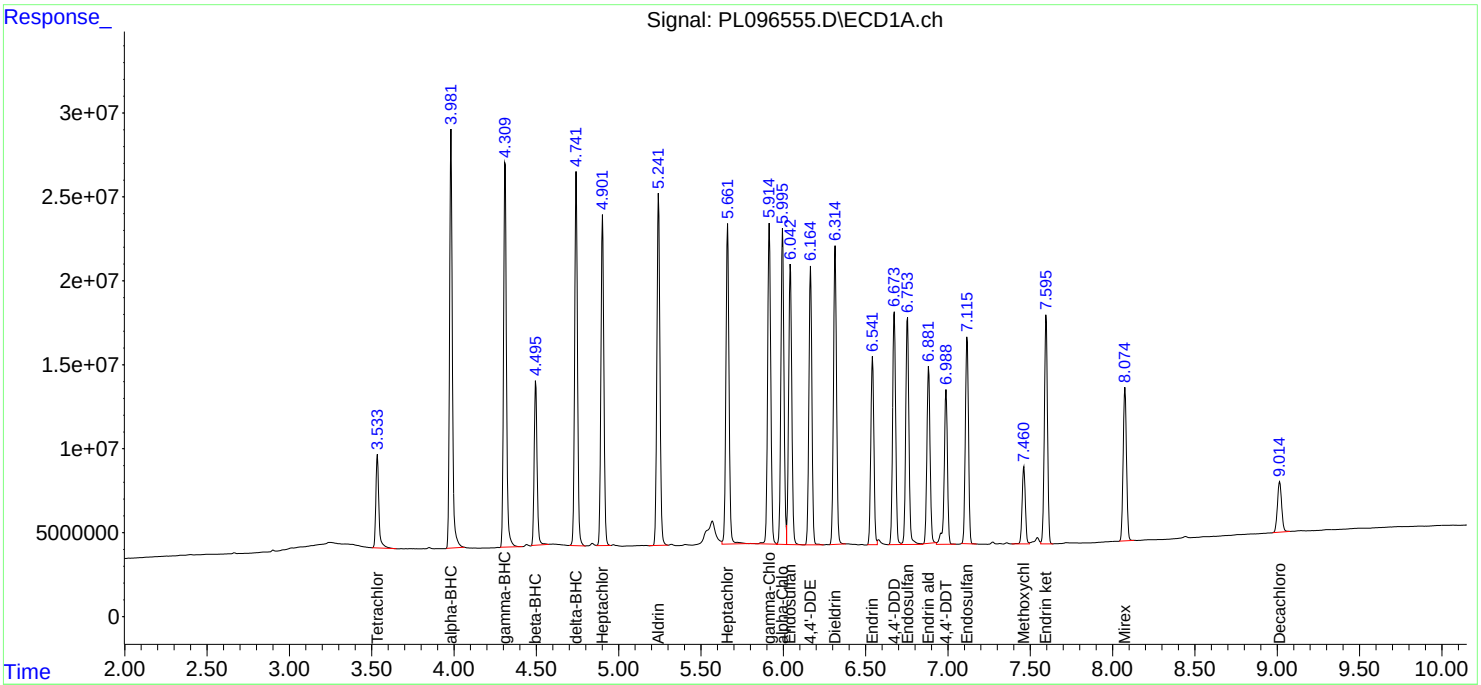
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 12:37
Operator : AR\AJ
Sample : PB168984BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

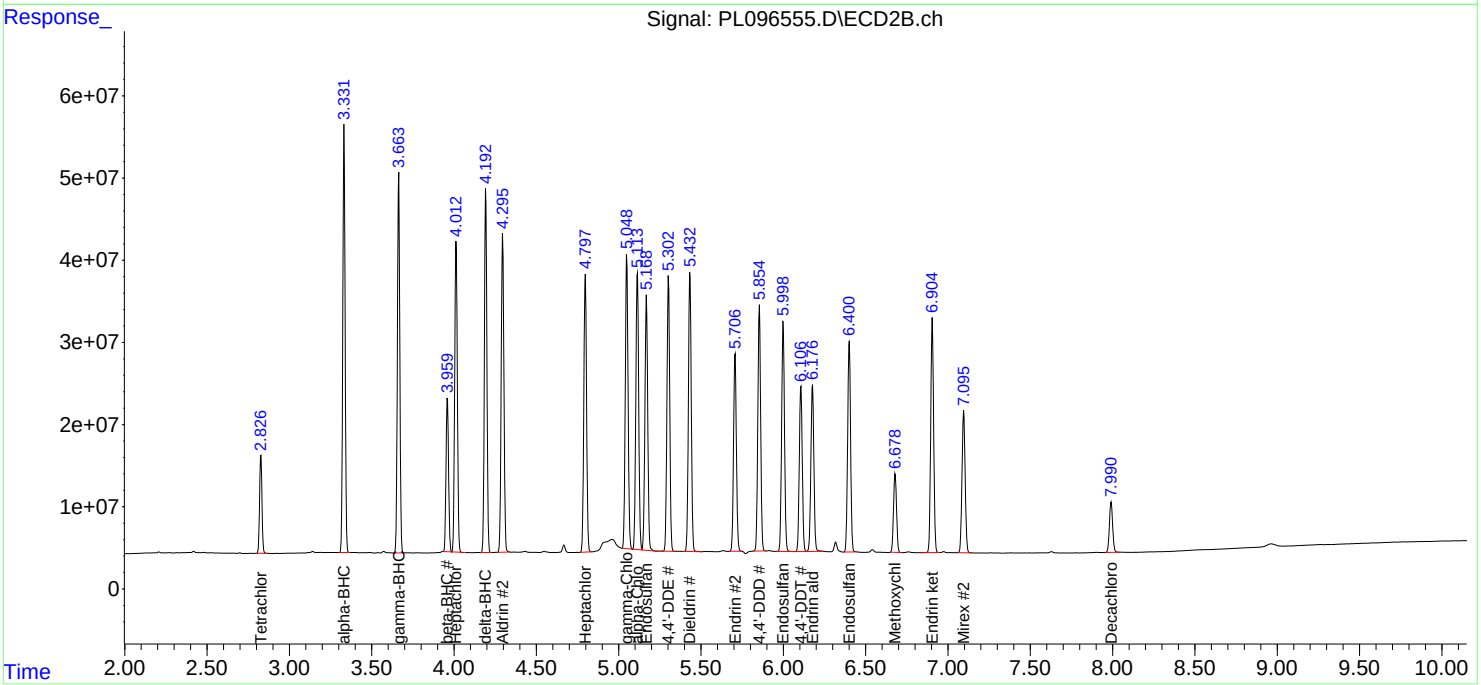
Instrument :
ECD_L
ClientSampleId :
PB168984BS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:31:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Raw Data: **PL096560.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/16/25
Project:	CC2-16 Analytical	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MS	SDG No.:	Q2481
Lab Sample ID:	Q2641-02MS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096560.D	1	07/23/25 12:15	07/24/25 17:02	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.70		0.037	0.50	ug/L
76-44-8	Heptachlor	5.50		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.80		0.096	0.50	ug/L
72-20-8	Endrin	5.40		0.032	0.50	ug/L
72-43-5	Methoxychlor	4.50		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.0		57 - 171	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.8		61 - 148	109%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096560.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:02
Operator : AR\AJ
Sample : Q2641-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:32:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.536	2.828	76390600	125.7E6	20.935	21.783
28)	SA Decachlor...	9.017	7.993	59074999	95176800	21.000	19.087
	Target Compounds						
2)	A alpha-BHC	3.983	3.333	285.8E6	487.8E6	55.578	57.839
3)	MA gamma-BHC...	4.309	3.665	278.8E6	451.7E6	55.985m	57.351
4)	MA Heptachlor	4.903	4.014	249.8E6	418.9E6	54.528	55.068
5)	MB Aldrin	5.243	4.296	258.4E6	409.6E6	53.462	56.147
6)	B beta-BHC	4.497	3.961	114.5E6	190.8E6	55.067	55.714
7)	B delta-BHC	4.743	4.194	255.0E6	427.2E6	56.897	55.464
8)	B Heptachlo...	5.663	4.798	242.0E6	379.7E6	58.321	56.802
9)	A Endosulfan I	6.044	5.169	168.1E6	263.3E6	41.628	36.696
10)	B gamma-Chl...	5.917	5.050	247.4E6	402.6E6	55.911	57.354
11)	B alpha-Chl...	5.997	5.114	242.5E6	391.9E6	55.386	52.118
12)	B 4,4'-DDE	6.166	5.303	207.2E6	375.4E6	55.899	58.072
13)	MA Dieldrin	6.316	5.434	232.7E6	398.6E6	55.022	58.455
14)	MA Endrin	6.543	5.708	167.5E6	322.3E6	53.860	52.874
15)	B Endosulfa...	6.756	6.000	99724499	181.2E6	28.739	30.905
16)	A 4,4'-DDD	6.676	5.854	176.3E6	366.9E6	60.558	71.531m
17)	MA 4,4'-DDT	6.990	6.108	142.4E6	273.3E6	46.924	47.661
18)	B Endrin al...	6.884	6.178	144.3E6	264.0E6	64.539	59.259
19)	B Endosulfa...	7.118	6.402	161.7E6	323.2E6	52.858	57.466
20)	A Methoxychlor	7.463	6.681	69738682	136.4E6	44.267	44.909
21)	B Endrin ke...	7.598	6.906	173.2E6	339.8E6	52.449	54.349
22)	Mirex	8.078	7.097	138.7E6	245.9E6	49.840	49.490

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL096560.D**

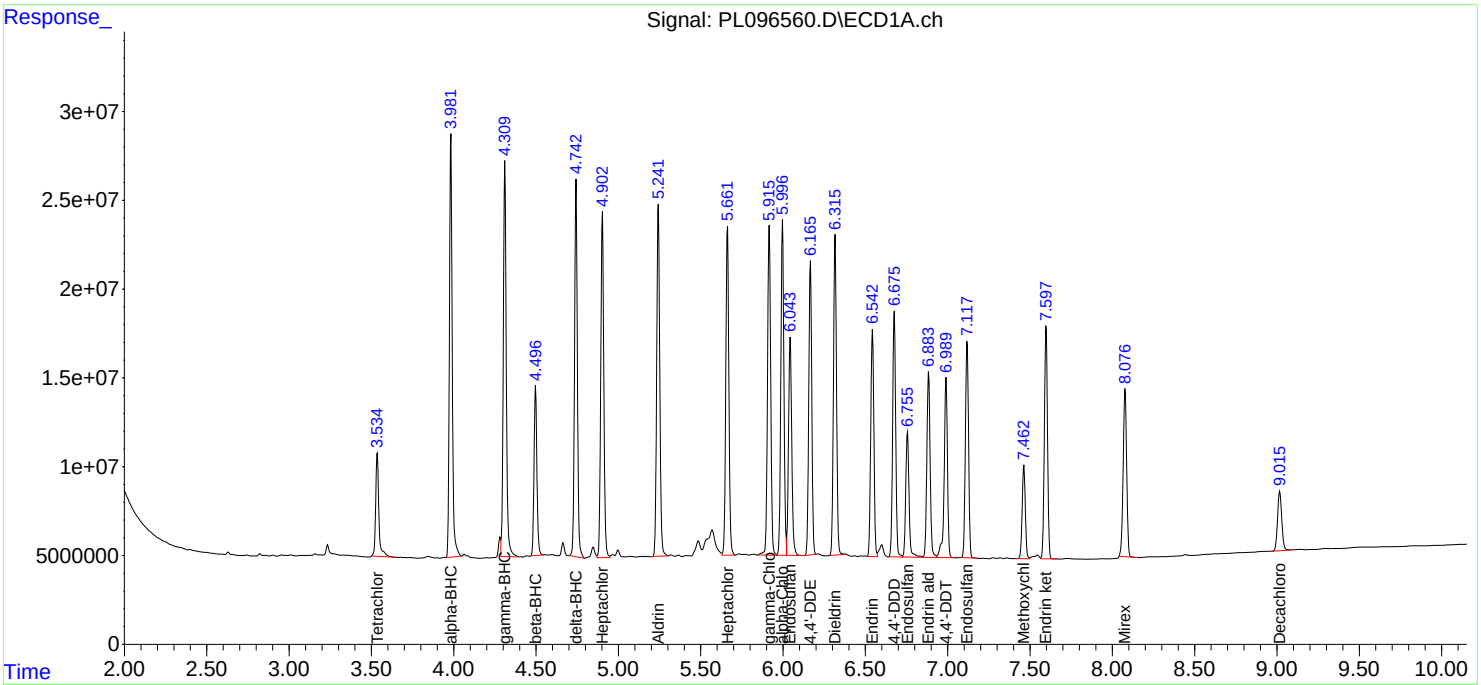
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:02
Operator : AR\AJ
Sample : Q2641-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

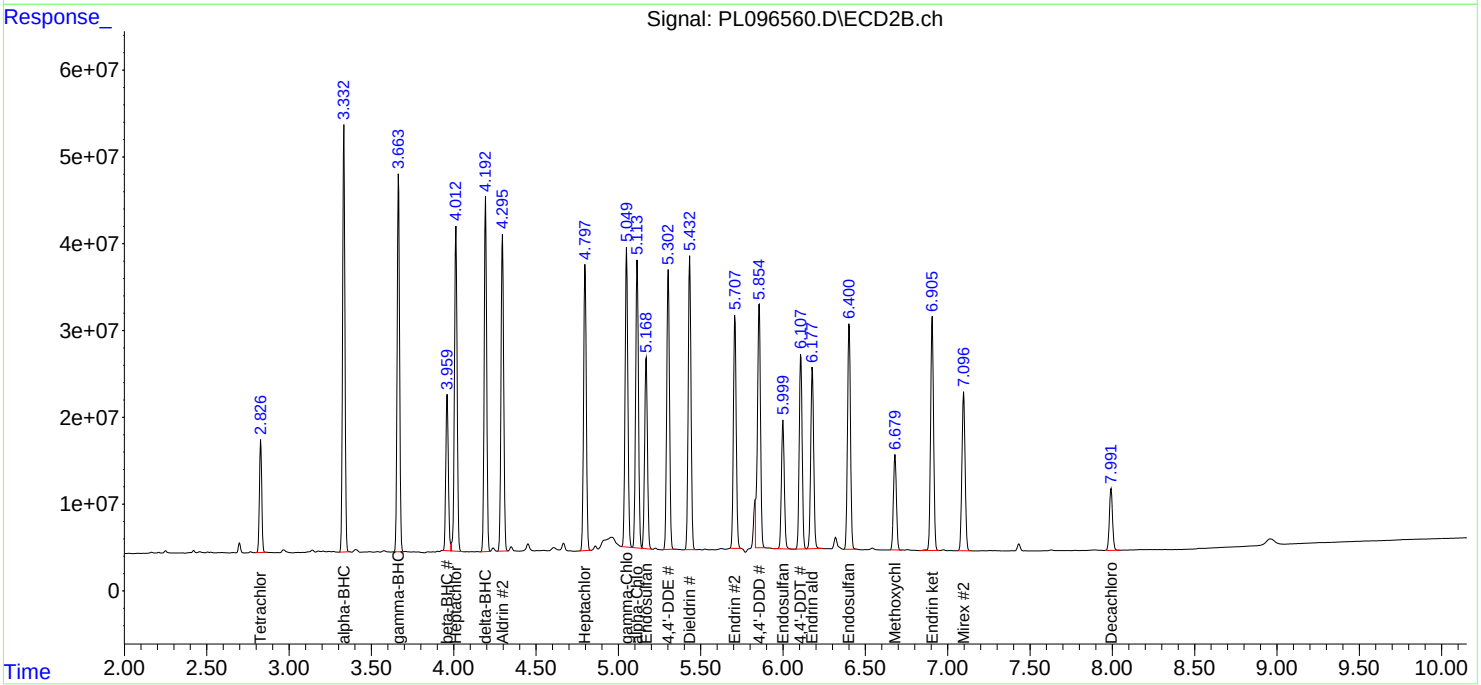
Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:32:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Raw Data: **PL096561.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/16/25
Project:	CC2-16 Analytical	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MSD	SDG No.:	Q2481
Lab Sample ID:	Q2641-02MSD	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096561.D	1	07/23/25 12:15	07/24/25 17:15	PB168984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.60		0.037	0.50	ug/L
76-44-8	Heptachlor	5.40		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.70		0.096	0.50	ug/L
72-20-8	Endrin	5.30		0.032	0.50	ug/L
72-43-5	Methoxychlor	4.50		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.6		57 - 171	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		61 - 148	107%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PL096561.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:15
Operator : AR\AJ
Sample : Q2641-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:32:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.536	2.829	75248288	123.7E6	20.622	21.438
28)	SA Decachlor...	9.017	7.992	57830485	95607667	20.558	19.173
	Target Compounds						
2)	A alpha-BHC	3.983	3.334	281.9E6	479.8E6	54.817	56.887
3)	MA gamma-BHC...	4.310	3.665	276.5E6	444.2E6	55.533m	56.400
4)	MA Heptachlor	4.904	4.015	245.7E6	412.0E6	53.634	54.158
5)	MB Aldrin	5.243	4.297	255.6E6	402.9E6	52.887	55.230
6)	B beta-BHC	4.497	3.962	113.5E6	187.4E6	54.590	54.721
7)	B delta-BHC	4.744	4.195	252.4E6	420.5E6	56.333	54.594
8)	B Heptachlo...	5.663	4.799	238.1E6	374.8E6	57.392	56.064
9)	A Endosulfan I	6.045	5.170	164.2E6	259.6E6	40.660	36.192
10)	B gamma-Chl...	5.917	5.051	240.8E6	396.8E6	54.412	56.529
11)	B alpha-Chl...	5.997	5.115	237.8E6	386.7E6	54.303	51.419
12)	B 4,4'-DDE	6.167	5.304	203.5E6	370.6E6	54.891	57.339
13)	MA Dieldrin	6.316	5.435	227.4E6	393.3E6	53.770	57.678
14)	MA Endrin	6.543	5.709	165.4E6	318.0E6	53.191	52.164
15)	B Endosulfa...	6.756	6.001	96385480	179.0E6	27.776	30.528
16)	A 4,4'-DDD	6.675	5.855	174.1E6	372.3E6	59.792	72.582m
17)	MA 4,4'-DDT	6.990	6.109	139.6E6	269.0E6	45.978	46.909
18)	B Endrin al...	6.884	6.179	141.2E6	263.3E6	63.161	59.116
19)	B Endosulfa...	7.118	6.403	159.4E6	322.4E6	52.104	57.329
20)	A Methoxychlor	7.462	6.681	69060408	136.1E6	43.837	44.802
21)	B Endrin ke...	7.597	6.907	170.8E6	339.5E6	51.736	54.296
22)	Mirex	8.076	7.097	139.4E6	245.5E6	50.115m	49.416

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL096561.D**

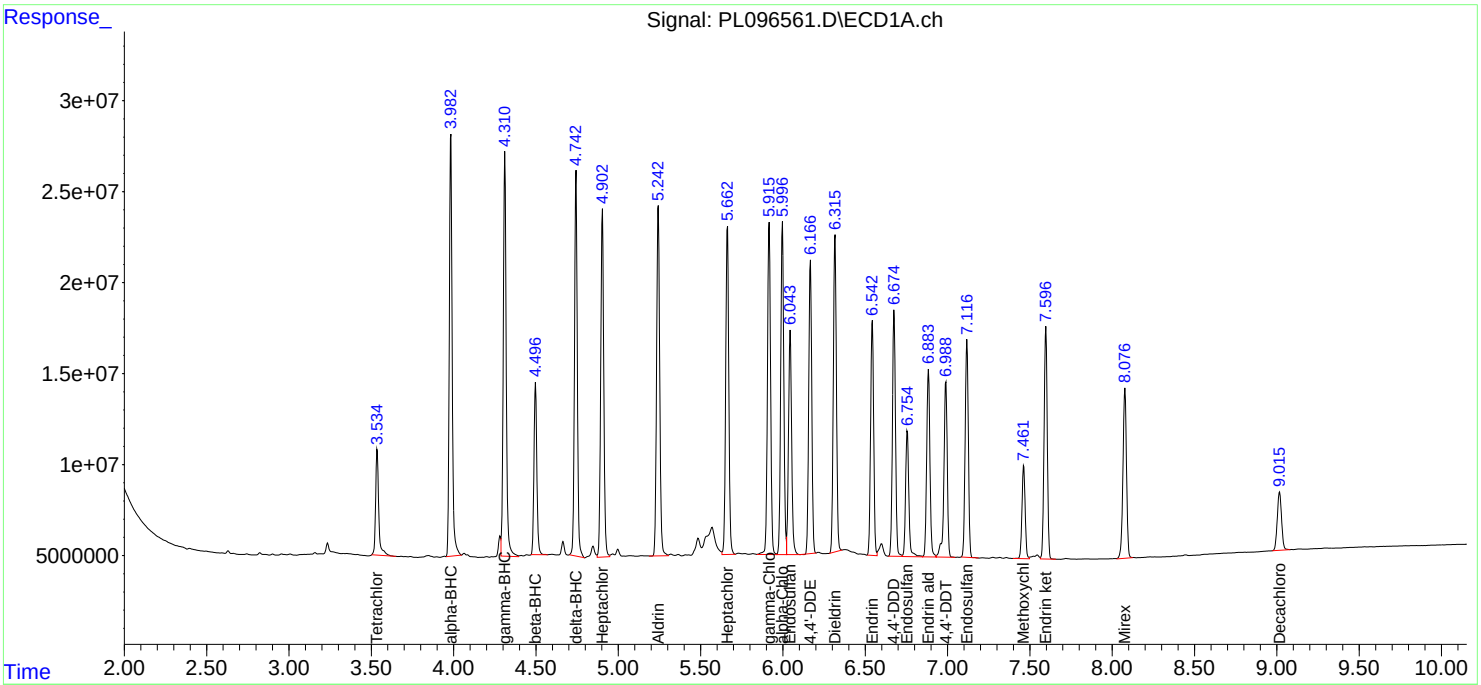
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:15
Operator : AR\AJ
Sample : Q2641-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

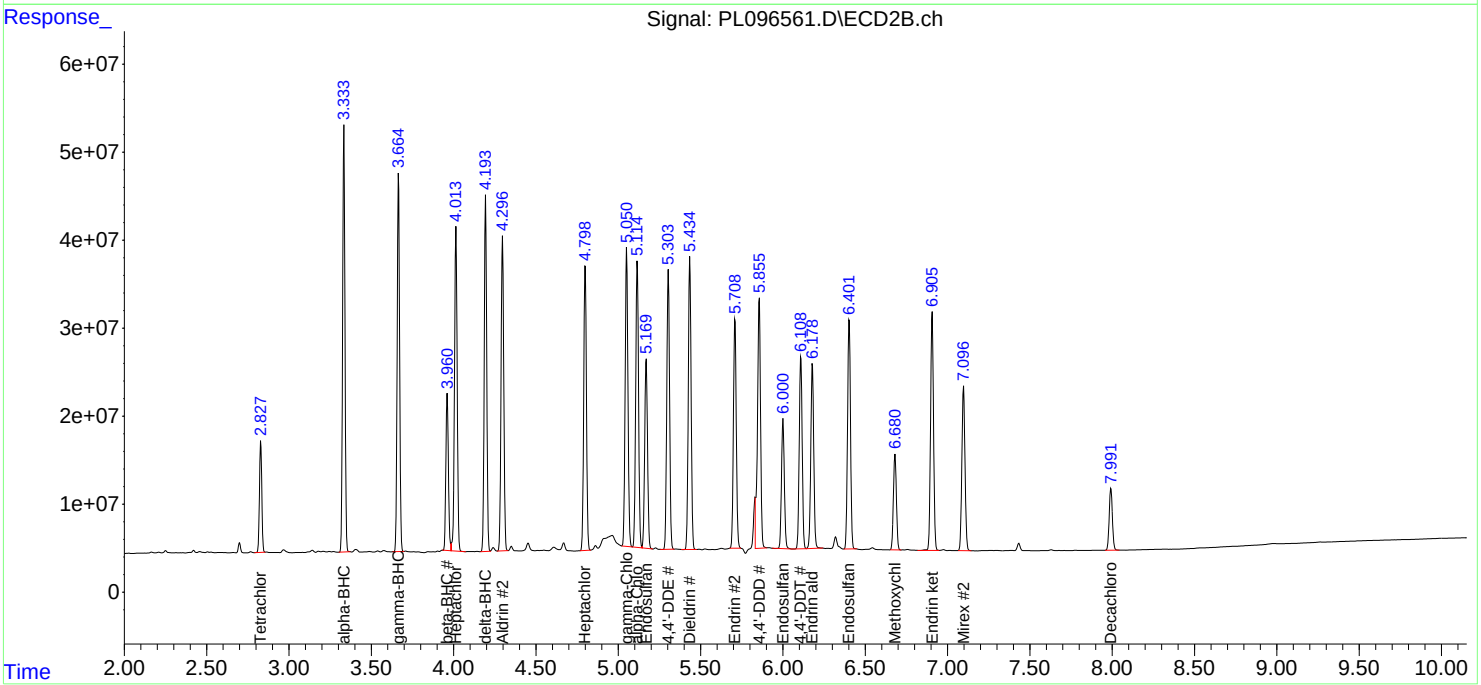
Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:32:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PD072125	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD089538.D	Endrin ketone	Abdul	7/22/2025 8:00:42 AM	mohammad	7/23/2025 1:33:20	Peak Integrated by Software
PEM	PD089538.D	Endrin ketone #2	Abdul	7/22/2025 8:00:42 AM	mohammad	7/23/2025 1:33:20	Peak Integrated by Software

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Manual Integration Report

Sequence:	Pd072925	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD089667.D	4,4"-DDD	Abdul	7/30/2025 8:39:25 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
PEM	PD089667.D	Endrin ketone	Abdul	7/30/2025 8:39:25 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
PSTDCCC050	PD089668.D	delta-BHC	Abdul	7/30/2025 8:39:29 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
Q2481-14	PD089669.D	Tetrachloro-m-xylene #2	Abdul	7/30/2025 8:39:32 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
Q2481-19	PD089670.D	Decachlorobiphenyl	Abdul	7/30/2025 8:39:35 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
Q2481-19	PD089670.D	Decachlorobiphenyl #2	Abdul	7/30/2025 8:39:35 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
Q2481-19	PD089670.D	Tetrachloro-m-xylene	Abdul	7/30/2025 8:39:35 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
Q2481-19	PD089670.D	Tetrachloro-m-xylene #2	Abdul	7/30/2025 8:39:35 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software
Q2481-21	PD089671.D	Tetrachloro-m-xylene #2	Abdul	7/30/2025 8:39:37 AM	mohammad	7/30/2025 8:59:00	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL070725	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL096238.D	4,4"-DDD	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PEM	PL096238.D	4,4"-DDD #2	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PEM	PL096238.D	Endrin aldehyde	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PEM	PL096238.D	Endrin aldehyde #2	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PEM	PL096238.D	Endrin ketone #2	Abdul	7/8/2025 3:56:35 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
RESCHK	PL096239.D	Endosulfan I #2	Abdul	7/8/2025 3:56:31 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC100	PL096240.D	Endrin ketone #2	Abdul	7/8/2025 7:52:23 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC075	PL096241.D	beta-BHC	Abdul	7/8/2025 7:51:37 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC025	PL096243.D	Endosulfan II #2	Abdul	7/8/2025 7:51:40 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	4,4"-DDE #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Dieldrin #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endosulfan I #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endosulfan II #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL070725	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDICC005	PL096244.D	Endrin #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endrin aldehyde #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Endrin ketone #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICC005	PL096244.D	Heptachlor epoxide #2	Abdul	7/8/2025 3:56:28 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICV050	PL096255.D	Aldrin	Abdul	7/8/2025 3:56:25 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PSTDICV050	PL096255.D	Heptachlor epoxide	Abdul	7/8/2025 3:56:25 PM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software
PCHLORICV500	PL096256.D	Chlordane-1	Abdul	7/8/2025 7:51:59 AM	mohammad	7/9/2025 1:51:20	Peak Integrated by Software

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Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL096552.D	4,4"-DDE	Abdul	7/25/2025 9:48:43 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PEM	PL096552.D	4,4"-DDE #2	Abdul	7/25/2025 9:48:43 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096553.D	Dieldrin #2	Abdul	7/25/2025 9:48:47 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096553.D	gamma-Chlordane	Abdul	7/25/2025 9:48:47 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PB168984BS	PL096555.D	Endrin aldehyde	Abdul	7/25/2025 9:48:50 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MS	PL096560.D	4,4"-DDD #2	Abdul	7/25/2025 9:48:56 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MS	PL096560.D	gamma-BHC (Lindane)	Abdul	7/25/2025 9:48:56 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MSD	PL096561.D	4,4"-DDD #2	Abdul	7/25/2025 9:49:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MSD	PL096561.D	gamma-BHC (Lindane)	Abdul	7/25/2025 9:49:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2641-02MSD	PL096561.D	Mirex	Abdul	7/25/2025 9:49:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-15	PL096563.D	Tetrachloro-m-xylene #2	Abdul	7/25/2025 9:48:05 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PEM	PL096567.D	Endrin aldehyde	Abdul	7/25/2025 9:47:30 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	4,4"-DDD	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software

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Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL096568.D	Dieldrin #2	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	Endosulfan II	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	Endrin aldehyde	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	gamma-Chlordane	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096568.D	Methoxychlor	Abdul	7/25/2025 9:47:33 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-16	PL096572.D	Decachlorobiphenyl	Abdul	7/25/2025 9:47:45 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-16	PL096572.D	Decachlorobiphenyl #2	Abdul	7/25/2025 9:47:45 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-16	PL096572.D	Tetrachloro-m-xylene	Abdul	7/25/2025 9:47:45 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-16	PL096572.D	Tetrachloro-m-xylene #2	Abdul	7/25/2025 9:47:45 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-17	PL096573.D	Decachlorobiphenyl	Abdul	7/25/2025 9:47:48 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-17	PL096573.D	Decachlorobiphenyl #2	Abdul	7/25/2025 9:47:48 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-17	PL096573.D	Tetrachloro-m-xylene	Abdul	7/25/2025 9:47:48 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-18	PL096574.D	Decachlorobiphenyl	Abdul	7/28/2025 8:08:21 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software

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Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2481-18	PL096574.D	Decachlorobiphenyl #2	Abdul	7/28/2025 8:08:21 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-18	PL096574.D	Tetrachloro-m-xylene	Abdul	7/28/2025 8:08:21 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-18	PL096574.D	Tetrachloro-m-xylene #2	Abdul	7/28/2025 8:08:21 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-20	PL096575.D	Decachlorobiphenyl	Abdul	7/25/2025 9:47:56 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-20	PL096575.D	Tetrachloro-m-xylene	Abdul	7/25/2025 9:47:56 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
Q2481-20	PL096575.D	Tetrachloro-m-xylene #2	Abdul	7/25/2025 9:47:56 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	4,4"-DDD	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	4,4"-DDE	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	4,4"-DDT	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	4,4"-DDT #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Aldrin	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	alpha-Chlordane	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	alpha-Chlordane #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software

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Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL096577.D	delta-BHC	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Dieldrin #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endosulfan I	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endosulfan II	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endrin	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endrin aldehyde	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Endrin ketone #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	gamma-Chlordane	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	gamma-Chlordane #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Heptachlor	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Heptachlor epoxide	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software
PSTDCCC050	PL096577.D	Mirex #2	Abdul	7/25/2025 9:48:00 AM	mohammad	7/29/2025 2:02:13	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pl072425	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD072125

Review By	Abdul	Review On	7/22/2025 8:03:16 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:20 AM		
SubDirectory	PD072125	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24750,PP24751,PP24752,PP24753,PP24746,PP24755,PP24756,PP24757,PP24758,PP24748,PP24760,PP24761,PP24762,PP24763
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24764
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD089536.D	21 Jul 2025 11:27	AR\AJ	Ok
2	I.BLK	PD089537.D	21 Jul 2025 12:08	AR\AJ	Ok
3	PEM	PD089538.D	21 Jul 2025 12:22	AR\AJ	Ok,M
4	RESCHK	PD089539.D	21 Jul 2025 12:35	AR\AJ	Ok
5	PSTDICC100	PD089540.D	21 Jul 2025 12:49	AR\AJ	Ok
6	PSTDICC075	PD089541.D	21 Jul 2025 13:03	AR\AJ	Ok
7	PSTDICC050	PD089542.D	21 Jul 2025 13:16	AR\AJ	Ok
8	PSTDICC025	PD089543.D	21 Jul 2025 13:30	AR\AJ	Ok
9	PSTDICC005	PD089544.D	21 Jul 2025 13:44	AR\AJ	Ok
10	PCHLORICC1000	PD089545.D	21 Jul 2025 13:57	AR\AJ	Ok
11	PCHLORICC750	PD089546.D	21 Jul 2025 14:11	AR\AJ	Ok
12	PCHLORICC500	PD089547.D	21 Jul 2025 14:25	AR\AJ	Ok
13	PCHLORICC250	PD089548.D	21 Jul 2025 14:38	AR\AJ	Ok
14	PCHLORICC050	PD089549.D	21 Jul 2025 14:52	AR\AJ	Ok
15	PTOXICC1000	PD089550.D	21 Jul 2025 15:05	AR\AJ	Ok
16	PTOXICC750	PD089551.D	21 Jul 2025 15:19	AR\AJ	Ok
17	PTOXICC500	PD089552.D	21 Jul 2025 15:32	AR\AJ	Ok
18	PTOXICC250	PD089553.D	21 Jul 2025 15:46	AR\AJ	Ok,M
19	PTOXICC100	PD089554.D	21 Jul 2025 15:59	AR\AJ	Ok
20	PSTDICV050	PD089555.D	21 Jul 2025 16:25	AR\AJ	Ok
21	PCHLORICV500	PD089556.D	21 Jul 2025 16:39	AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD072125

Review By	Abdul	Review On	7/22/2025 8:03:16 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:20 AM		
SubDirectory	PD072125	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24750,PP24751,PP24752,PP24753,PP24746,PP24755,PP24756,PP24757,PP24758,PP24748,PP24760,PP24761,PP24762,PP24763
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24764
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PD089557.D	21 Jul 2025 16:52	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD072925

Review By	Abdul	Review On	7/30/2025 8:39:59 AM		
Supervise By	mohammad	Supervise On	7/30/2025 8:59:00 AM		
SubDirectory	PD072925	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24750,PP24751,PP24752,PP24753,PP24746,PP24755,PP24756,PP24757,PP24758,PP24748,PP24760,PP24761,PP24762,PP24763
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24764
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD089665.D	29 Jul 2025 10:10	AR\AJ	Ok
2	I.BLK	PD089666.D	29 Jul 2025 10:23	AR\AJ	Ok
3	PEM	PD089667.D	29 Jul 2025 10:37	AR\AJ	Ok,M
4	PSTDCCC050	PD089668.D	29 Jul 2025 14:35	AR\AJ	Ok,M
5	Q2481-14	PD089669.D	29 Jul 2025 14:49	AR\AJ	Ok,M
6	Q2481-19	PD089670.D	29 Jul 2025 15:16	AR\AJ	Ok,M
7	Q2481-21	PD089671.D	29 Jul 2025 15:43	AR\AJ	Ok,M
8	Q2481-13	PD089672.D	29 Jul 2025 16:11	AR\AJ	Ok
9	PB168984BL	PD089673.D	29 Jul 2025 16:38	AR\AJ	Not Ok
10	I.BLK	PD089674.D	29 Jul 2025 17:05	AR\AJ	Ok
11	PSTDCCC050	PD089675.D	29 Jul 2025 18:41	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM		
SubDirectory	PL070725	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL096236.D	07 Jul 2025 09:59	AR\AJ	Ok
2	I.BLK	PL096237.D	07 Jul 2025 10:12	AR\AJ	Ok
3	PEM	PL096238.D	07 Jul 2025 10:26	AR\AJ	Ok,M
4	RESCHK	PL096239.D	07 Jul 2025 10:40	AR\AJ	Ok,M
5	PSTDICC100	PL096240.D	07 Jul 2025 10:53	AR\AJ	Ok,M
6	PSTDICC075	PL096241.D	07 Jul 2025 11:09	AR\AJ	Ok,M
7	PSTDICC050	PL096242.D	07 Jul 2025 11:22	AR\AJ	Ok
8	PSTDICC025	PL096243.D	07 Jul 2025 11:36	AR\AJ	Ok,M
9	PSTDICC005	PL096244.D	07 Jul 2025 11:49	AR\AJ	Ok,M
10	PCHLORICC1000	PL096245.D	07 Jul 2025 12:03	AR\AJ	Ok
11	PCHLORICC750	PL096246.D	07 Jul 2025 12:17	AR\AJ	Ok
12	PCHLORICC500	PL096247.D	07 Jul 2025 12:30	AR\AJ	Ok
13	PCHLORICC250	PL096248.D	07 Jul 2025 12:44	AR\AJ	Ok
14	PCHLORICC050	PL096249.D	07 Jul 2025 12:58	AR\AJ	Ok,M
15	PTOXICC1000	PL096250.D	07 Jul 2025 13:11	AR\AJ	Ok
16	PTOXICC750	PL096251.D	07 Jul 2025 13:25	AR\AJ	Ok
17	PTOXICC500	PL096252.D	07 Jul 2025 13:39	AR\AJ	Ok
18	PTOXICC250	PL096253.D	07 Jul 2025 13:52	AR\AJ	Ok,M
19	PTOXICC100	PL096254.D	07 Jul 2025 14:06	AR\AJ	Ok,M
20	PSTDICV050	PL096255.D	07 Jul 2025 14:19	AR\AJ	Ok,M
21	PCHLORICV500	PL096256.D	07 Jul 2025 14:33	AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM		
SubDirectory	PL070725	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PL096257.D	07 Jul 2025 14:47	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL072425

Review By	Abdul	Review On	7/25/2025 9:51:01 AM		
Supervise By	mohammad	Supervise On	7/29/2025 2:02:13 AM		
SubDirectory	PL072425	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL096550.D	24 Jul 2025 10:28	AR\AJ	Ok
2	I.BLK	PL096551.D	24 Jul 2025 10:42	AR\AJ	Ok
3	PEM	PL096552.D	24 Jul 2025 10:56	AR\AJ	Ok,M
4	PSTDCCC050	PL096553.D	24 Jul 2025 11:28	AR\AJ	Ok,M
5	PB168984BL	PL096554.D	24 Jul 2025 12:24	AR\AJ	Ok
6	PB168984BS	PL096555.D	24 Jul 2025 12:37	AR\AJ	Ok,M
7	PB168919TB	PL096556.D	24 Jul 2025 12:51	AR\AJ	Ok
8	PB168926TB	PL096557.D	24 Jul 2025 13:04	AR\AJ	Ok
9	PB168969TB	PL096558.D	24 Jul 2025 13:18	AR\AJ	Ok
10	Q2641-02	PL096559.D	24 Jul 2025 16:48	AR\AJ	Ok,M
11	Q2641-02MS	PL096560.D	24 Jul 2025 17:02	AR\AJ	Ok,M
12	Q2641-02MSD	PL096561.D	24 Jul 2025 17:15	AR\AJ	Ok,M
13	Q2481-12	PL096562.D	24 Jul 2025 17:29	AR\AJ	Ok
14	Q2481-15	PL096563.D	24 Jul 2025 17:42	AR\AJ	Ok,M
15	Q2481-21	PL096564.D	24 Jul 2025 17:56	AR\AJ	Not Ok
16	Q2646-03	PL096565.D	24 Jul 2025 18:10	AR\AJ	ReRun
17	I.BLK	PL096566.D	24 Jul 2025 18:23	AR\AJ	Ok
18	PEM	PL096567.D	24 Jul 2025 18:37	AR\AJ	Ok,M
19	PSTDCCC050	PL096568.D	24 Jul 2025 18:51	AR\AJ	Ok,M
20	Q2481-19	PL096569.D	24 Jul 2025 19:45	AR\AJ	Not Ok
21	Q2481-13	PL096570.D	24 Jul 2025 19:59	AR\AJ	Not Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL072425

Review By	Abdul	Review On	7/25/2025 9:51:01 AM		
Supervise By	mohammad	Supervise On	7/29/2025 2:02:13 AM		
SubDirectory	PL072425	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277 ,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2481-14	PL096571.D	24 Jul 2025 20:12	AR\AJ	Not Ok
23	Q2481-16	PL096572.D	24 Jul 2025 20:26	AR\AJ	Ok,M
24	Q2481-17	PL096573.D	24 Jul 2025 20:40	AR\AJ	Ok,M
25	Q2481-18	PL096574.D	24 Jul 2025 20:53	AR\AJ	Ok,M
26	Q2481-20	PL096575.D	24 Jul 2025 21:07	AR\AJ	Ok,M
27	I.BLK	PL096576.D	24 Jul 2025 21:20	AR\AJ	Ok
28	PSTDCCC050	PL096577.D	24 Jul 2025 23:50	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD072125

Review By	Abdul	Review On	7/22/2025 8:03:16 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:20 AM		
SubDirectory	PD072125	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24750,PP24751,PP24752,PP24753,PP24746,PP24755,PP24756,PP24757,PP24758,PP24748,PP24760,PP24761,PP24762,PP24763
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24764
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD089536.D	21 Jul 2025 11:27		AR\AJ	Ok
2	I.BLK	I.BLK	PD089537.D	21 Jul 2025 12:08		AR\AJ	Ok
3	PEM	PEM	PD089538.D	21 Jul 2025 12:22		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD089539.D	21 Jul 2025 12:35		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PD089540.D	21 Jul 2025 12:49		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD089541.D	21 Jul 2025 13:03		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD089542.D	21 Jul 2025 13:16		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD089543.D	21 Jul 2025 13:30		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD089544.D	21 Jul 2025 13:44		AR\AJ	Ok
10	PCHLORICC1000	PCHLORICC1000	PD089545.D	21 Jul 2025 13:57		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD089546.D	21 Jul 2025 14:11		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD089547.D	21 Jul 2025 14:25		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD089548.D	21 Jul 2025 14:38		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD089549.D	21 Jul 2025 14:52		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PD089550.D	21 Jul 2025 15:05		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD089551.D	21 Jul 2025 15:19		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD089552.D	21 Jul 2025 15:32		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD089553.D	21 Jul 2025 15:46		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD072125

Review By	Abdul	Review On	7/22/2025 8:03:16 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:20 AM		
SubDirectory	PD072125	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24750,PP24751,PP24752,PP24753,PP24746,PP24755,PP24756,PP24757,PP24758,PP24748,PP24760,PP24761,PP24762,PP24763
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24764
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PD089554.D	21 Jul 2025 15:59		AR\AJ	Ok
20	PSTDICV050	ICVPD072125	PD089555.D	21 Jul 2025 16:25		AR\AJ	Ok
21	PCHLORICV500	ICVPD072125CHLOR	PD089556.D	21 Jul 2025 16:39		AR\AJ	Ok
22	PTOXICV500	ICVPD072125TOX	PD089557.D	21 Jul 2025 16:52		AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD072925

Review By	Abdul	Review On	7/30/2025 8:39:59 AM		
Supervise By	mohammad	Supervise On	7/30/2025 8:59:00 AM		
SubDirectory	PD072925	HP Acquire Method		HP Processing Method	pd072125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24750,PP24751,PP24752,PP24753,PP24746,PP24755,PP24756,PP24757,PP24758,PP24748,PP24760,PP24761,PP24762,PP24763
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24764
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD089665.D	29 Jul 2025 10:10		AR\AJ	Ok
2	I.BLK	I.BLK	PD089666.D	29 Jul 2025 10:23		AR\AJ	Ok
3	PEM	PEM	PD089667.D	29 Jul 2025 10:37		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD089668.D	29 Jul 2025 14:35		AR\AJ	Ok,M
5	Q2481-14	CC0625-OXBL	PD089669.D	29 Jul 2025 14:49	Surrogate fail	AR\AJ	Ok,M
6	Q2481-19	CC0627-CLOXAL	PD089670.D	29 Jul 2025 15:16	TCMX high in both column, DCB low in 2nd column , F flag in TCMX	AR\AJ	Ok,M
7	Q2481-21	CC0627-SFBL	PD089671.D	29 Jul 2025 15:43		AR\AJ	Ok,M
8	Q2481-13	CC0627-CLOXPL	PD089672.D	29 Jul 2025 16:11	TCMX high in both column	AR\AJ	Ok
9	PB168984BL	PB168984BL	PD089673.D	29 Jul 2025 16:38	DCB low in 2nd column	AR\AJ	Not Ok
10	I.BLK	I.BLK	PD089674.D	29 Jul 2025 17:05		AR\AJ	Ok
11	PSTDCCC050	PSTDCCC050	PD089675.D	29 Jul 2025 18:41		AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM		
SubDirectory	PL070725	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL096236.D	07 Jul 2025 09:59		AR\AJ	Ok
2	I.BLK	I.BLK	PL096237.D	07 Jul 2025 10:12		AR\AJ	Ok
3	PEM	PEM	PL096238.D	07 Jul 2025 10:26		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL096239.D	07 Jul 2025 10:40		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PL096240.D	07 Jul 2025 10:53		AR\AJ	Ok,M
6	PSTDICC075	PSTDICC075	PL096241.D	07 Jul 2025 11:09		AR\AJ	Ok,M
7	PSTDICC050	PSTDICC050	PL096242.D	07 Jul 2025 11:22		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL096243.D	07 Jul 2025 11:36		AR\AJ	Ok,M
9	PSTDICC005	PSTDICC005	PL096244.D	07 Jul 2025 11:49		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL096245.D	07 Jul 2025 12:03		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL096246.D	07 Jul 2025 12:17		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL096247.D	07 Jul 2025 12:30		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL096248.D	07 Jul 2025 12:44		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL096249.D	07 Jul 2025 12:58		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PL096250.D	07 Jul 2025 13:11		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL096251.D	07 Jul 2025 13:25		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL096252.D	07 Jul 2025 13:39		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL096253.D	07 Jul 2025 13:52		AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL070725

Review By	Abdul	Review On	7/8/2025 7:52:58 AM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:20 AM		
SubDirectory	PL070725	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PL096254.D	07 Jul 2025 14:06		AR\AJ	Ok,M
20	PSTDICV050	ICVPL070725	PL096255.D	07 Jul 2025 14:19		AR\AJ	Ok,M
21	PCHLORICV500	ICVPL070725	PL096256.D	07 Jul 2025 14:33		AR\AJ	Ok,M
22	PTOXICV500	ICVPL070725	PL096257.D	07 Jul 2025 14:47		AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL072425

Review By	Abdul	Review On	7/25/2025 9:51:01 AM		
Supervise By	mohammad	Supervise On	7/29/2025 2:02:13 AM		
SubDirectory	PL072425	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL096550.D	24 Jul 2025 10:28		AR\AJ	Ok
2	I.BLK	I.BLK	PL096551.D	24 Jul 2025 10:42		AR\AJ	Ok
3	PEM	PEM	PL096552.D	24 Jul 2025 10:56		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL096553.D	24 Jul 2025 11:28		AR\AJ	Ok,M
5	PB168984BL	PB168984BL	PL096554.D	24 Jul 2025 12:24		AR\AJ	Ok
6	PB168984BS	PB168984BS	PL096555.D	24 Jul 2025 12:37		AR\AJ	Ok,M
7	PB168919TB	PB168919TB	PL096556.D	24 Jul 2025 12:51		AR\AJ	Ok
8	PB168926TB	PB168926TB	PL096557.D	24 Jul 2025 13:04		AR\AJ	Ok
9	PB168969TB	PB168969TB	PL096558.D	24 Jul 2025 13:18		AR\AJ	Ok
10	Q2641-02	P001-CONCRETE001-	PL096559.D	24 Jul 2025 16:48		AR\AJ	Ok,M
11	Q2641-02MS	P001-CONCRETE001-	PL096560.D	24 Jul 2025 17:02		AR\AJ	Ok,M
12	Q2641-02MSD	P001-CONCRETE001-	PL096561.D	24 Jul 2025 17:15		AR\AJ	Ok,M
13	Q2481-12	CC0627-AL	PL096562.D	24 Jul 2025 17:29		AR\AJ	Ok
14	Q2481-15	CC0627-AOXL	PL096563.D	24 Jul 2025 17:42		AR\AJ	Ok,M
15	Q2481-21	CC0627-SFBL	PL096564.D	24 Jul 2025 17:56	need clean up	AR\AJ	Not Ok
16	Q2646-03	FRAC TANK	PL096565.D	24 Jul 2025 18:10	DCB low in 2nd and TCMX low in 1st column	AR\AJ	ReRun
17	I.BLK	I.BLK	PL096566.D	24 Jul 2025 18:23		AR\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL072425

Review By	Abdul	Review On	7/25/2025 9:51:01 AM		
Supervise By	mohammad	Supervise On	7/29/2025 2:02:13 AM		
SubDirectory	PL072425	HP Acquire Method		HP Processing Method	pl070725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PEM	PEM	PL096567.D	24 Jul 2025 18:37		AR\AJ	Ok,M
19	PSTDCCC050	PSTDCCC050	PL096568.D	24 Jul 2025 18:51	DCB Low in 2nd column	AR\AJ	Ok,M
20	Q2481-19	CC0627-CLOXAL	PL096569.D	24 Jul 2025 19:45	f flag in TCMX in 1st column ,TCMX high in both column ,Bad injection	AR\AJ	Not Ok
21	Q2481-13	CC0627-CLOXPL	PL096570.D	24 Jul 2025 19:59	TCMX high in both column , DCB low in 1st column, ,Bad injection	AR\AJ	Not Ok
22	Q2481-14	CC0625-OXBL	PL096571.D	24 Jul 2025 20:12	TCMX high in 1st column and low in 2nd column , DCB low in 1st column, ,Bad injection	AR\AJ	Not Ok
23	Q2481-16	CC0625-NL	PL096572.D	24 Jul 2025 20:26	DCB high in 1st column	AR\AJ	Ok,M
24	Q2481-17	CC0267-OXPL	PL096573.D	24 Jul 2025 20:40	TCMX low in 2nd column	AR\AJ	Ok,M
25	Q2481-18	CC0627-OXL	PL096574.D	24 Jul 2025 20:53	TCMX high in 1st column,	AR\AJ	Ok,M
26	Q2481-20	CC0627-BL	PL096575.D	24 Jul 2025 21:07	TCMX high in 1st column	AR\AJ	Ok,M
27	I.BLK	I.BLK	PL096576.D	24 Jul 2025 21:20		AR\AJ	Ok
28	PSTDCCC050	PSTDCCC050	PL096577.D	24 Jul 2025 23:50	4,4-DDT low in 2nd column	AR\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168705

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A **Time :** N/A

End Prep Date : N/A **Time :** N/A

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature : JP

Supervisor By : 12

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	N/A	W3166,W1938,W1939,
N/A	N/A	N/A
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. q2481-01 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/03/25 11:00	JP 1st Room	SB Inorganic
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168705

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168705TB	LEB705	N/A	N/A	N/A	N/A	N/A	N/A	4.94	1.0	N/A
Q2481-01	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-02	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	1.5	N/A
Q2481-03	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	1.5	N/A
Q2481-04	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-05	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	1.5	N/A
Q2481-06	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	1.0	N/A
Q2481-07	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	1.5	N/A
Q2481-08	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	1.5	N/A
Q2481-09	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	1.5	N/A
Q2481-10	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	1.5	N/A

Alliance TECHNICAL GROUP

TCLP Solid Determination

PB168705

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168705TB	LEB705	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-01	CC0627-AL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-02	CC0627-CLOXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-03	CC0625-OXBL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-04	CC0627-AOXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-05	CC0625-NL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-06	CC0267-OXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-07	CC0627-OXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-08	CC0627-CLOXAL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-09	CC0627-BL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-10	CC0627-SFBL	N/A	N/A	N/A	N/A	<0.5	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB168705

Hot Block ID : N/A

Thermometer ID : N/A

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168705TB	LEB705	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-01	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-02	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-03	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-04	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-05	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-06	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-07	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-08	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-09	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-10	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2481 w **WorkList ID :** 190516 **Department :** TCLP Extraction **Date :** 07-02-2025 13:46:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2481-01	CC0627-AL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-02	CC0627-CLOXPL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-03	CC0625-OXBL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-04	CC0627-AOXL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-05	CC0625-NL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-06	CC0267-OXPL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-07	CC0627-OXL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-08	CC0627-CLOXAL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-09	CC0627-BL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-10	CC0627-SFBL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311

Date/Time 07/02/25 13:50

Raw Sample Received by: SB (WC)

Raw Sample Relinquished by: CA SM

Date/Time 07/02/25 17:00

Raw Sample Received by: CA SM

Raw Sample Relinquished by: SB WC

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168969

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : N/A

Balance ID : N/A

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : N/A

Tumbler ID : N/A

TCLP Filter ID : 115525

Start Prep Date : N/A **Time :** N/A

End Prep Date : N/A **Time :** N/A

Combination Ratio : N/A

ZHE Cleaning Batch : N/A

Initial Room Temperature: N/A

Final Room Temperature: N/A

TCLP Technician Signature : JP

Supervisor By : [illegible]

Standared Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
N/A	N/A	N/A
N/A	N/A	N/A
HNO3-TCLP,1N	N/A	WP112799
N/A	N/A	N/A
N/A	N/A	N/A
1 Liter Amber	N/A	90924-08
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/23/25 11:00	JP / TCLP room	RB / EXT
	Preparation Group	**Analysis Group** DEP

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168969

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A	4.94	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	<0.5	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	<0.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp w q2481 **WorkList ID :** 190885 **Department :** TCLP Extraction **Date :** 07-22-2025 15:41:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2481-12	CC0627-AL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-13	CC0627-CLOXPL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-14	CC0625-OXBL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-15	CC0627-AOXL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-16	CC0625-NL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-17	CC0267-OXPL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-18	CC0627-OXL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-19	CC0627-CLOXAL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-20	CC0627-BL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311
Q2481-21	CC0627-SFBL	Water	TCLP Extraction	Cool 4 deg C	ENVI60	A13	06/27/2025	1311

Date/Time 07/22/25 16:00
Raw Sample Received by: SB (WC)
Raw Sample Relinquished by: CP SM

Date/Time 07/22/25 18:00
Raw Sample Received by: CP SM
Raw Sample Relinquished by: YB Cele

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168984

SOP ID:	M3510C,3580A-Extraction Pesticide-17				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/23/2025
Matrix :	Water			**Extraction Start Time :**	12:15
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	07/23/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	16:45
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: [√] Seperatory Funnel [_] Continious Liquid/Liquid [_] Sonication [_] Waste Dilution [_] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24627
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2625
Hexane	N/A	E3956
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS723.1.5ML Vial Lot # 2210443. Q2481 all samples used Limited volume as samples are not regular environmental samples its chemical treated samples.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/23/25	RS (Extr lab)	R. Pesh/PCB Lab
16:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168984

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 07/23/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168919TB	PB168919TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			SEP-1
PB168926TB	PB168926TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			2
PB168969TB	PB168969TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			3
PB168984BL	PBLK984	TCLP Pesticide	1000	6	RUPESH	ritesh	10			4
PB168984BS	PLCS984	TCLP Pesticide	1000	6	RUPESH	ritesh	10			5
Q2481-12	CC0627-AL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	6
Q2481-13	CC0627-CLOXPL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	7
Q2481-14	CC0625-OXBL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	8
Q2481-15	CC0627-AOXL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	9
Q2481-16	CC0625-NL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	10
Q2481-17	CC0267-OXPL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	11
Q2481-18	CC0627-OXL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	12
Q2481-19	CC0627-CLOXAL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	13
Q2481-20	CC0627-BL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	14
Q2481-21	CC0627-SFBL	TCLP Pesticide	10	6	RUPESH	ritesh	10	A	Chemical Treated	15
Q2641-02	P001-CONCRETE001-01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		16
Q2641-02MS	P001-CONCRETE001-01MS	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		SEP-1
Q2641-02MSD	P001-CONCRETE001-01MSD	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		2
Q2646-03	FRAC TANK	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		3

RJ
7/23

* **Extracts relinguished on the same date as received.**

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168969

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A	4.94	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A

07/23/25
11:00

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TCLP EXTRACTION LOGPAGE

PB168926

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	N/A	N/A	4.5	1.0	N/A

07/21/25
11:30

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168919

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168919TB	LEB919	10	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2622-04	2819	01	100.01	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2641-02	P001-CONCRETE001-01	02	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2645-03	RW5B-CARBON-20250716	03	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2649-04	WC-1	04	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2649-08	WC-2	05	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2649-12	WC-3	06	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2649-16	WC-4	07	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2649-20	WC-5	08	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2649-24	WC-6	09	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1

07/24/25
11:30

SHIPPING DOCUMENTS

1072

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092 Ste. 1
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2483

COC Number: CC-016-001

CLIENT INFORMATION		PROJECT INFORMATION		BILLING INFORMATION	
COMPANY:	ENVIRONMENTAL RESTORATION LLC	PROJECT NAME:	COOPER CHEMICAL	BILL TO:	ENVIRONMENTAL RESTORATION PO# CC2-16
ADDRESS:	1666 FABICK DR	PROJECT #:	CC2-16 LOCATION: LANE ALLEY, NJ	ADDRESS:	1666 FABICK DR
CITY:	FENTON STATE: MO ZIP: 63026	PROJECT MANAGER:	Byron Hartman	CITY:	FENTON STATE: MO ZIP: 63026
ATTENTION:	Ryan Simpson	E-MAIL:	b.hartman@erllc.com	ATTENTION:	RYAN SIMPSON PHONE: 314 403 3908
PHONE:	314 403 3908 FAX:	PHONE:	801 209-0368 FAX:		

DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY:_____ DAYS*
EDD 7 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format_____
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____

ANALYSIS

1	2	3	4	5	6	7	8	9
FLASHPOINT	pH	Reactive CN	Reactive Sulfide	Total Halogens	Total Organic Halogens	TCLP Metals	TCLP VOC's	TCLP SVOC's

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9
1.	CC0627-AL	LIQUID		X	6/27/25	10:19		✓	✓	✓	✓	✓	✓	✓	✓	✓
2.	CC0627-CLOXPL	LIQUID		X	6/27/25	10:21										
3.	CC0625-OXBL	LIQUID		X	6/27/25	10:23										
4.	CC0627-AOXL	LIQUID		X	6/27/25	10:25										
5.	CC0625-NL	LIQUID		X	6/27/25	10:27										
6.	CC0267-OXPL	LIQUID		X	6/27/25	10:29										
7.	CC0627-OXL	LIQUID		X	6/27/25	10:31										
8.	CC0627-CLOXAL	LIQUID		X	6/27/25	10:33										
9.	CC0627-BL	LIQUID		X	6/27/25	10:35										
10.	CC0627-SFBL	LIQUID		X	6/27/25	10:37										

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Jabel Sange	6/27/25 12:00	1.
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 21°
☐ Ice in Cooler?: no
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

Page_____of_____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

ALLIANCE is authorized to split bulk sample and add preservative as needed for testing

Byron Hartman Project Mgr. Environmental Restoration

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Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
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CHAIN OF CUSTODY RECORD

Alliance Project Number: Q2483

COC Number:

CLIENT INFORMATION	PROJECT INFORMATION	BILLING INFORMATION
COMPANY:	PROJECT NAME:	BILL TO: PO#
ADDRESS:	PROJECT #: LOCATION:	ADDRESS:
CITY: STATE: ZIP:	PROJECT MANAGER:	CITY: STATE: ZIP:
ATTENTION:	E-MAIL:	ATTENTION: PHONE:
PHONE: FAX:	PHONE: FAX:	

DATA TURNAROUND INFORMATION

FAX: ________ DAYS*
HARD COPY: ________ DAYS*
EDD 7 days DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format ________
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other ________

ANALYSIS

1. TCLP Pest / Herb
2. PEROXIDES
3. OXIDIZER
4.
5.
6.
7.
8.
9.

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	1	2	3	4	5	6	7	8	9	COMMENTS
1.	CC0627-AL	L		X	6/27/25	10:19		X	X	X							
2.	CC0627-CLOXPL	L		X	6/27/25	10:21		↓	↓	↓							
3.	CC0625-OXBL	L		X	6/27/25	10:23											
4.	CC0627-AOXL	L		X	6/27/25	10:25											
5.	CC0625-NL	L		X	6/27/25	10:27											
6.	CC0627-OXPL	L		X	6/27/25	10:29											
7.	CC0627-OXL	L		X	6/27/25	10:31											
8.	CC0627-CLOXAL	L		X	6/27/25	10:33											
9.	CC0627-BL	L		X	6/27/25	10:35											
10.	CC0627-SFBL	L		X	6/27/25	10:37		↓	↓	↓							

PRESERVATIVES: <-- Specify Preservatives: A-HCl, B-HNO3, C-H2SO4, D-NaOH, E-ICE, F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	6/27/25 1200	1. C. Perez
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 21°C
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: no
Comments:

Page ____ of ____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

From: Byron Hartman <b.hartman@erllc.com>
Sent: Tuesday, July 22, 2025 10:19:59 AM
To: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Subject: Re: [EXT]Re: [EXT]Re: analytical results - Q2481

I just received an invoice 452482. The invoice was for BTU values which were not requested on the CoC. I also did not ask for PCB's.

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Monday, July 21, 2025 9:05 AM
To: Byron Hartman <b.hartman@erllc.com>
Subject: [EXT]Re: [EXT]Re: analytical results - Q2481

Hi Byron,

Yes we are going by the tests requested on COC. Due to sample matrix type all the tests were not possible to run. Also our lab director had a conversation with someone at ERLLC when samples were delivered about what the lab can run, I thought that was you but maybe Ryan.

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Byron Hartman <b.hartman@erllc.com>
Sent: Friday, July 18, 2025 2:31:37 PM
To: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Cc: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Subject: Re: [EXT]Re: analytical results - Q2481

I also, want to make sure we are running the suite of tests off what is on the CoC. Not off what was bid. I didn't think I had requested PCB's either.

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Friday, July 18, 2025 11:54 AM
To: Byron Hartman <b.hartman@erllc.com>
Cc: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Subject: [EXT]Re: analytical results - Q2481

Byron,

According to our Lab Director, due to the matrix of the samples from Project Q2481 the tests reported will be the only we can analyze.

The following tests were reported: PCB, pH, Flash Point, TCLP Metals, BTU, TOX

The following tests cannot be performed on these samples type: Reac CN, Reac Sulf, Anions, VOC TCL, TCLP VOA, TCLP BNA

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Friday, July 18, 2025 11:38 AM
To: Byron Hartman <b.hartman@erllc.com>
Subject: Re: analytical results

Hi Byron,

TOX is due 7/22. I have sent message to PM to look into missing tests.

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Byron Hartman <b.hartman@erllc.com>
Sent: Friday, July 18, 2025 9:26 AM
To: Jordan Hedvat <jordan.hedvat@alliancetg.com>
Subject: analytical results

I am still missing a lot of TCLP results, oxidizer, peroxide. Total halogens, Total organic halides from the test results. Can you tell me the status on these?

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Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148