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Cover Page

Order ID : Q2489

Project ID : Construction of Shafts 17B-18B - PN 220084

Client : Walsh Construction Company II, LLC

Lab Sample Number	Client Sample Number
Q2489-01	G4(0-6)
Q2489-02	G4(6-12)
Q2489-03	G3(0-6)
Q2489-04	G3(6-12)
Q2489-05	G2(0-6)
Q2489-06	G2(6-12)
Q2489-07	G1(0-6)
Q2489-08	G1(6-12)

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: 7/14/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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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 #: **Q2489**

	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:** **07/14/2025**

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LAB CHRONICLE

OrderID:	Q2489	**OrderDate:**	7/2/2025 11:52:00 AM
Client:	Walsh Construction Company II, LLC	**Project:**	Construction of Shafts 17B-18B - PN 220084
Contact:	Jesse A. Sylvestri	**Location:**	--Select--

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2489-01	**G4(0-6)**	**SOIL**			**07/01/25**			**07/01/25**
			SPLP Pesticide	8081B		07/09/25	07/11/25	
Q2489-02	**G4(6-12)**	**TCLP**			**07/01/25**			**07/01/25**
			SPLP Pesticide	8081B		07/09/25	07/10/25	
Q2489-03	**G3(0-6)**	**TCLP**			**07/01/25**			**07/01/25**
			SPLP Pesticide	8081B		07/09/25	07/10/25	
Q2489-04	**G3(6-12)**	**TCLP**			**07/01/25**			**07/01/25**
			SPLP Pesticide	8081B		07/09/25	07/10/25	
Q2489-05	**G2(0-6)**	**TCLP**			**07/01/25**			**07/01/25**
			SPLP Pesticide	8081B		07/09/25	07/10/25	
Q2489-06	**G2(6-12)**	**TCLP**			**07/01/25**			**07/01/25**
			SPLP Pesticide	8081B		07/09/25	07/10/25	
Q2489-07	**G1(0-6)**	**TCLP**			**07/01/25**			**07/01/25**
			SPLP Pesticide	8081B		07/09/25	07/10/25	
Q2489-08	**G1(6-12)**	**TCLP**			**07/01/25**			**07/01/25**
			SPLP Pesticide	8081B		07/09/25	07/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2489 **Order ID:** Q2489

Client: Walsh Construction Company II, LLC **Project ID:** Construction of Shafts 17B-18B - PN 2

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.: Q2489

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
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-PL096314.D	PIBLK-PL096314.D	Decachlorobiphen	1	20	22.4	112		57	171
		Tetrachloro-m-xyl	1	20	20.9	104		61	148
		Decachlorobiphen	2	20	20.3	101		57	171
		Tetrachloro-m-xyl	2	20	19.1	96		61	148
PB168789BL	PB168789BL	Decachlorobiphen	1	20	20.7	104		57	171
		Tetrachloro-m-xyl	1	20	19.0	95		61	148
		Decachlorobiphen	2	20	18.9	94		57	171
		Tetrachloro-m-xyl	2	20	17.4	87		61	148
PB168789BS	PB168789BS	Decachlorobiphen	1	20	20.4	102		57	171
		Tetrachloro-m-xyl	1	20	18.7	94		61	148
		Decachlorobiphen	2	20	18.8	94		57	171
		Tetrachloro-m-xyl	2	20	16.5	82		61	148
PB168789TB	PB168789TB	Decachlorobiphen	1	20	20.9	104		57	171
		Tetrachloro-m-xyl	1	20	19.0	95		61	148
		Decachlorobiphen	2	20	18.9	94		57	171
		Tetrachloro-m-xyl	2	20	17.1	85		61	148
I.BLK-PL096323.D	PIBLK-PL096323.D	Decachlorobiphen	1	20	22.8	114		57	171
		Tetrachloro-m-xyl	1	20	21.0	105		61	148
		Decachlorobiphen	2	20	20.5	103		57	171
		Tetrachloro-m-xyl	2	20	18.8	94		61	148
Q2489-02	G4(6-12)	Decachlorobiphen	1	20	16.0	80		57	171
		Tetrachloro-m-xyl	1	20	17.4	87		61	148
		Decachlorobiphen	2	20	14.1	71		57	171
		Tetrachloro-m-xyl	2	20	16.8	84		61	148
Q2489-03	G3(0-6)	Decachlorobiphen	1	20	18.1	91		57	171
		Tetrachloro-m-xyl	1	20	18.5	93		61	148
		Decachlorobiphen	2	20	16.1	80		57	171
		Tetrachloro-m-xyl	2	20	16.6	83		61	148
Q2489-04	G3(6-12)	Decachlorobiphen	1	20	22.1	111		57	171
		Tetrachloro-m-xyl	1	20	17.1	86		61	148
		Decachlorobiphen	2	20	14.0	70		57	171
		Tetrachloro-m-xyl	2	20	15.4	77		61	148
Q2489-05	G2(0-6)	Decachlorobiphen	1	20	14.4	72		57	171
		Tetrachloro-m-xyl	1	20	18.5	92		61	148
		Decachlorobiphen	2	20	12.6	63		57	171
		Tetrachloro-m-xyl	2	20	16.4	82		61	148
Q2489-06	G2(6-12)	Decachlorobiphen	1	20	12.5	62		57	171

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Surrogate Summary

SDG No.: Q2489

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q2489-06	G2(6-12)	Tetrachloro-m-xyl	1	20	18.3	91		61	148
		Decachlorobiphen	2	20	10.8	54	*	57	171
		Tetrachloro-m-xyl	2	20	16.3	82		61	148
Q2489-07	G1(0-6)	Decachlorobiphen	1	20	16.8	84		57	171
		Tetrachloro-m-xyl	1	20	19.2	96		61	148
		Decachlorobiphen	2	20	15.0	75		57	171
		Tetrachloro-m-xyl	2	20	17.3	86		61	148
Q2489-08	G1(6-12)	Decachlorobiphen	1	20	17.5	87		57	171
		Tetrachloro-m-xyl	1	20	19.6	98		61	148
		Decachlorobiphen	2	20	15.7	78		57	171
		Tetrachloro-m-xyl	2	20	17.6	88		61	148
I.BLK-PL096336.D	PIBLK-PL096336.D	Decachlorobiphen	1	20	22.5	113		57	171
		Tetrachloro-m-xyl	1	20	21.1	105		61	148
		Decachlorobiphen	2	20	20.1	101		57	171
		Tetrachloro-m-xyl	2	20	18.7	94		61	148
I.BLK-PL096339.D	PIBLK-PL096339.D	Decachlorobiphen	1	20	25.3	127		57	171
		Tetrachloro-m-xyl	1	20	21.4	107		61	148
		Decachlorobiphen	2	20	22.7	113		57	171
		Tetrachloro-m-xyl	2	20	19.0	95		61	148
Q2489-01	G4(0-6)	Decachlorobiphen	1	20	24.3	121		57	171
		Tetrachloro-m-xyl	1	20	19.2	96		61	148
		Decachlorobiphen	2	20	21.7	108		57	171
		Tetrachloro-m-xyl	2	20	18.2	91		61	148
Q2489-01MS	G4(0-6)MS	Decachlorobiphen	1	20	23.4	117		57	171
		Tetrachloro-m-xyl	1	20	21.6	108		61	148
		Decachlorobiphen	2	20	20.9	105		57	171
		Tetrachloro-m-xyl	2	20	18.5	93		61	148
Q2489-01MSD	G4(0-6)MSD	Decachlorobiphen	1	20	21.2	106		57	171
		Tetrachloro-m-xyl	1	20	20.4	102		61	148
		Decachlorobiphen	2	20	19.1	95		57	171
		Tetrachloro-m-xyl	2	20	17.6	88		61	148
I.BLK-PL096345.D	PIBLK-PL096345.D	Decachlorobiphen	1	20	24.6	123		57	171
		Tetrachloro-m-xyl	1	20	21.6	108		61	148
		Decachlorobiphen	2	20	22.1	110		57	171
		Tetrachloro-m-xyl	2	20	19.0	95		61	148

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2489 **Analytical Method:** 8081B

Client: Walsh Construction Company II, LLC **DataFile :** PL096343.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2489-01MS (Column 1)**	**Client Sample ID:**		**G4(0-6)MS**								
	alpha-BHC	0.5	0	0.60	ug/L	120				46	160	
	beta-BHC	0.5	0	0.59	ug/L	118				15	175	
	delta-BHC	0.5	0	0.61	ug/L	122				10	175	
	gamma-BHC (Lindane)	0.5	0	0.59	ug/L	119				60	152	
	Heptachlor	0.5	0	0.59	ug/L	118				56	147	
	Aldrin	0.5	0	0.55	ug/L	109				45	147	
	Heptachlor epoxide	0.5	0	0.66	ug/L	133				77	143	
	Endosulfan I	0.5	0	0.59	ug/L	119				34	157	
	Dieldrin	0.5	0	0.60	ug/L	119				46	155	
	4,4'-DDE	0.5	0	0.58	ug/L	116				36	162	
	Endrin	0.5	0	0.66	ug/L	133				76	144	
	Endosulfan II	0.5	0	0.59	ug/L	119				21	168	
	4,4'-DDD	0.5	0	0.60	ug/L	121				15	175	
	Endosulfan sulfate	0.5	0	0.61	ug/L	122				14	183	
	4,4'-DDT	0.5	0	0.59	ug/L	117				15	175	
	Methoxychlor	0.5	0	0.65	ug/L	129				70	142	
	Endrin ketone	0.5	0	0.59	ug/L	119				25	172	
	Endrin aldehyde	0.5	0	0.68	ug/L	136				28	175	
	alpha-Chlordane	0.5	0	0.58	ug/L	116				34	160	
	gamma-Chlordane	0.5	0	0.57	ug/L	113				31	163	
Lab Sample ID:	**Q2489-01MS (Column 2)**	**Client Sample ID:**		**G4(0-6)MS**								
	alpha-BHC	0.5	0	0.52	ug/L	104				46	160	
	beta-BHC	0.5	0	0.49	ug/L	99				15	175	
	delta-BHC	0.5	0	0.52	ug/L	103				10	175	
	gamma-BHC (Lindane)	0.5	0	0.52	ug/L	103				60	152	
	Heptachlor	0.5	0	0.48	ug/L	97				56	147	
	Aldrin	0.5	0	0.48	ug/L	96				45	147	
	Heptachlor epoxide	0.5	0	0.50	ug/L	100				77	143	
	Endosulfan I	0.5	0	0.44	ug/L	88				34	157	
	Dieldrin	0.5	0	0.54	ug/L	107				46	155	
	4,4'-DDE	0.5	0	0.50	ug/L	101				36	162	
	Endrin	0.5	0	0.57	ug/L	113				76	144	
	Endosulfan II	0.5	0	0.51	ug/L	102				21	168	
	4,4'-DDD	0.5	0	0.54	ug/L	108				15	175	
	Endosulfan sulfate	0.5	0	0.51	ug/L	103				14	183	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2489 **Analytical Method:** 8081B

Client: Walsh Construction Company II, LLC **DataFile :** PL096343.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	0.5	0	0.51	ug/L	102				15	175	
Methoxychlor	0.5	0	0.52	ug/L	105				70	142	
Endrin ketone	0.5	0	0.85	ug/L	170				25	172	
Endrin aldehyde	0.5	0	0.53	ug/L	106				28	175	
alpha-Chlordane	0.5	0	0.47	ug/L	94				34	160	
gamma-Chlordane	0.5	0	0.51	ug/L	101				31	163	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2489 **Analytical Method:** 8081B

Client: Walsh Construction Company II, LLC **DataFile :** PL096344.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2489-01MSD (Column 1)**	**Client Sample ID:**		**G4(0-6)MSD**								
	alpha-BHC	0.5	0	0.54	ug/L	109		7		46	160	20
	beta-BHC	0.5	0	0.53	ug/L	106		8		15	175	20
	delta-BHC	0.5	0	0.55	ug/L	110		4		10	175	20
	gamma-BHC (Lindane)	0.5	0	0.54	ug/L	108		8		60	152	20
	Heptachlor	0.5	0	0.54	ug/L	108		2		56	147	20
	Aldrin	0.5	0	0.50	ug/L	101		3		45	147	22
	Heptachlor epoxide	0.5	0	0.60	ug/L	120		11		77	143	20
	Endosulfan I	0.5	0	0.53	ug/L	107		5		34	157	20
	Dieldrin	0.5	0	0.54	ug/L	108		6		46	155	20
	4,4'-DDE	0.5	0	0.52	ug/L	104		0		36	162	20
	Endrin	0.5	0	0.60	ug/L	120		9		76	144	20
	Endosulfan II	0.5	0	0.53	ug/L	107		7		21	168	20
	4,4'-DDD	0.5	0	0.55	ug/L	110		2		15	175	20
	Endosulfan sulfate	0.5	0	0.55	ug/L	110		4		14	183	20
	4,4'-DDT	0.5	0	0.54	ug/L	107		1		15	175	20
	Methoxychlor	0.5	0	0.55	ug/L	111		8		70	142	20
	Endrin ketone	0.5	0	0.54	ug/L	107		1		25	172	20
	Endrin aldehyde	0.5	0	0.61	ug/L	121		3		28	175	20
	alpha-Chlordane	0.5	0	0.53	ug/L	107		7		34	160	20
	gamma-Chlordane	0.5	0	0.51	ug/L	102		4		31	163	20
Lab Sample ID:	**Q2489-01MSD (Column 2)**	**Client Sample ID:**		**G4(0-6)MSD**								
	alpha-BHC	0.5	0	0.47	ug/L	93		1		46	160	20
	beta-BHC	0.5	0	0.45	ug/L	90		0		15	175	20
	delta-BHC	0.5	0	0.47	ug/L	93		1		10	175	20
	gamma-BHC (Lindane)	0.5	0	0.46	ug/L	93		1		60	152	20
	Heptachlor	0.5	0	0.44	ug/L	89		1		56	147	20
	Aldrin	0.5	0	0.43	ug/L	87		3		45	147	22
	Heptachlor epoxide	0.5	0	0.45	ug/L	91		1		77	143	20
	Endosulfan I	0.5	0	0.40	ug/L	80		0		34	157	20
	Dieldrin	0.5	0	0.49	ug/L	97		5		46	155	20
	4,4'-DDE	0.5	0	0.45	ug/L	91		3		36	162	20
	Endrin	0.5	0	0.49	ug/L	98		20		76	144	20
	Endosulfan II	0.5	0	0.46	ug/L	93		1		21	168	20
	4,4'-DDD	0.5	0	0.49	ug/L	98		0		15	175	20
	Endosulfan sulfate	0.5	0	0.47	ug/L	93		1		14	183	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2489 **Analytical Method:** 8081B

Client: Walsh Construction Company II, LLC **DataFile :** PL096344.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4,4'-DDT	0.5	0	0.46	ug/L	92		16		15	175	20
Methoxychlor	0.5	0	0.48	ug/L	95		10		70	142	20
Endrin ketone	0.5	0	0.62	ug/L	125		28		25	172	20
Endrin aldehyde	0.5	0	0.48	ug/L	95		1		28	175	20
alpha-Chlordane	0.5	0	0.43	ug/L	86		5		34	160	20
gamma-Chlordane	0.5	0	0.46	ug/L	92		2		31	163	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2489 **Analytical Method:** 8081B

Client: Walsh Construction Company II, LLC **Datafile :** PL096321.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168789BS (Column 1)	alpha-BHC	0.5	0.53	ug/L	105				85	130	
	beta-BHC	0.5	0.51	ug/L	102				83	126	
	delta-BHC	0.5	0.53	ug/L	107				69	141	
	gamma-BHC (Lindane)	0.5	0.52	ug/L	104				82	129	
	Heptachlor	0.5	0.54	ug/L	108				79	127	
	Aldrin	0.5	0.52	ug/L	103				79	126	
	Heptachlor epoxide	0.5	0.55	ug/L	110				81	124	
	Endosulfan I	0.5	0.52	ug/L	105				85	122	
	Dieldrin	0.5	0.53	ug/L	105				83	125	
	4,4'-DDE	0.5	0.52	ug/L	104				80	127	
	Endrin	0.5	0.51	ug/L	101				81	128	
	Endosulfan II	0.5	0.52	ug/L	105				82	123	
	4,4'-DDD	0.5	0.56	ug/L	112				77	131	
	Endosulfan sulfate	0.5	0.55	ug/L	109				76	129	
	4,4'-DDT	0.5	0.51	ug/L	101				80	133	
	Methoxychlor	0.5	0.49	ug/L	97				78	108	
	Endrin ketone	0.5	0.56	ug/L	112				80	131	
	Endrin aldehyde	0.5	0.62	ug/L	125				82	127	
	alpha-Chlordane	0.5	0.52	ug/L	104				82	125	
	gamma-Chlordane	0.5	0.52	ug/L	104				82	125	
PB168789BS (Column 2)	alpha-BHC	0.5	0.46	ug/L	91				85	130	
	beta-BHC	0.5	0.44	ug/L	89				83	126	
	delta-BHC	0.5	0.46	ug/L	92				69	141	
	gamma-BHC (Lindane)	0.5	0.46	ug/L	91				82	129	
	Heptachlor	0.5	0.45	ug/L	90				79	127	
	Aldrin	0.5	0.46	ug/L	92				79	126	
	Heptachlor epoxide	0.5	0.46	ug/L	91				81	124	
	Endosulfan I	0.5	0.40	ug/L	80				85	122	
	Dieldrin	0.5	0.46	ug/L	93				83	125	
	4,4'-DDE	0.5	0.47	ug/L	93				80	127	
	Endrin	0.5	0.42	ug/L	85				81	128	
	Endosulfan II	0.5	0.47	ug/L	93				82	123	
	4,4'-DDD	0.5	0.51	ug/L	103				77	131	
	Endosulfan sulfate	0.5	0.47	ug/L	94				76	129	
	4,4'-DDT	0.5	0.42	ug/L	84				80	133	
	Methoxychlor	0.5	0.42	ug/L	83				78	108	
	Endrin ketone	0.5	0.50	ug/L	100				80	131	
	Endrin aldehyde	0.5	0.48	ug/L	96				82	127	
	alpha-Chlordane	0.5	0.42	ug/L	84				82	125	
	gamma-Chlordane	0.5	0.46	ug/L	92				82	125	

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB168789BL

Lab Name: Alliance | Contract: WALS01

Lab Code: ACE | SDG NO.: Q2489

Lab Sample ID: PB168789BL | Lab File ID: PL096320.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/09/2025

Date Analyzed (1): 07/10/2025 | Date Analyzed (2): 07/10/2025

Time Analyzed (1): 18:55 | Time Analyzed (2): 18:55

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
PB168789BS	PB168789BS	PL096321.D	07/10/2025	07/10/2025
PB168789TB	PB168789TB	PL096322.D	07/10/2025	07/10/2025
G4(6-12)	Q2489-02	PL096329.D	07/10/2025	07/10/2025
G3(0-6)	Q2489-03	PL096330.D	07/10/2025	07/10/2025
G3(6-12)	Q2489-04	PL096331.D	07/10/2025	07/10/2025
G2(0-6)	Q2489-05	PL096332.D	07/10/2025	07/10/2025
G2(6-12)	Q2489-06	PL096333.D	07/10/2025	07/10/2025
G1(0-6)	Q2489-07	PL096334.D	07/10/2025	07/10/2025
G1(6-12)	Q2489-08	PL096335.D	07/10/2025	07/10/2025
G4(0-6)	Q2489-01	PL096342.D	07/11/2025	07/11/2025
G4(0-6)MS	Q2489-01MS	PL096343.D	07/11/2025	07/11/2025
G4(0-6)MSD	Q2489-01MSD	PL096344.D	07/11/2025	07/11/2025

COMMENTS:

SAMPLE DATA

Raw Data: **PL096322.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/09/25
Client Sample ID:	PB168789TB	SDG No.:	Q2489
Lab Sample ID:	PB168789TB	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096322.D	1	07/09/25 11:39	07/10/25 19:22	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	20.9		57 - 171	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		61 - 148	95%	SPK: 20

Raw Data: **PL096322.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/09/25
Client Sample ID:	PB168789TB	SDG No.:	Q2489
Lab Sample ID:	PB168789TB	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096322.D	1	07/09/25 11:39	07/10/25 19:22	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096322.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:22
Operator : AR\AJ
Sample : PB168789TB
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168789TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:42 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	69397052	98561777	19.018	17.078
28)	SA Decachlor...	9.020	7.996	58670925	93989138	20.857	18.849
	Target Compounds						

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

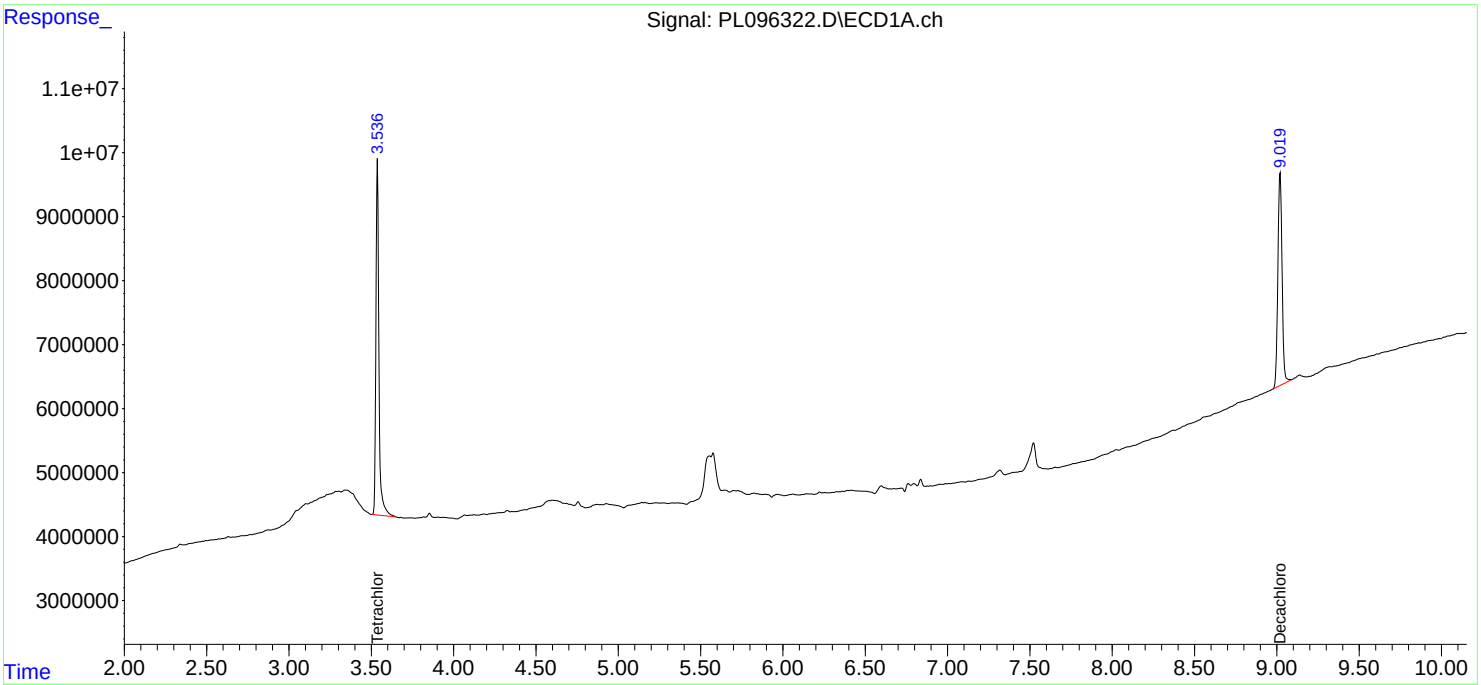
Sample Results: **PL096322.D**

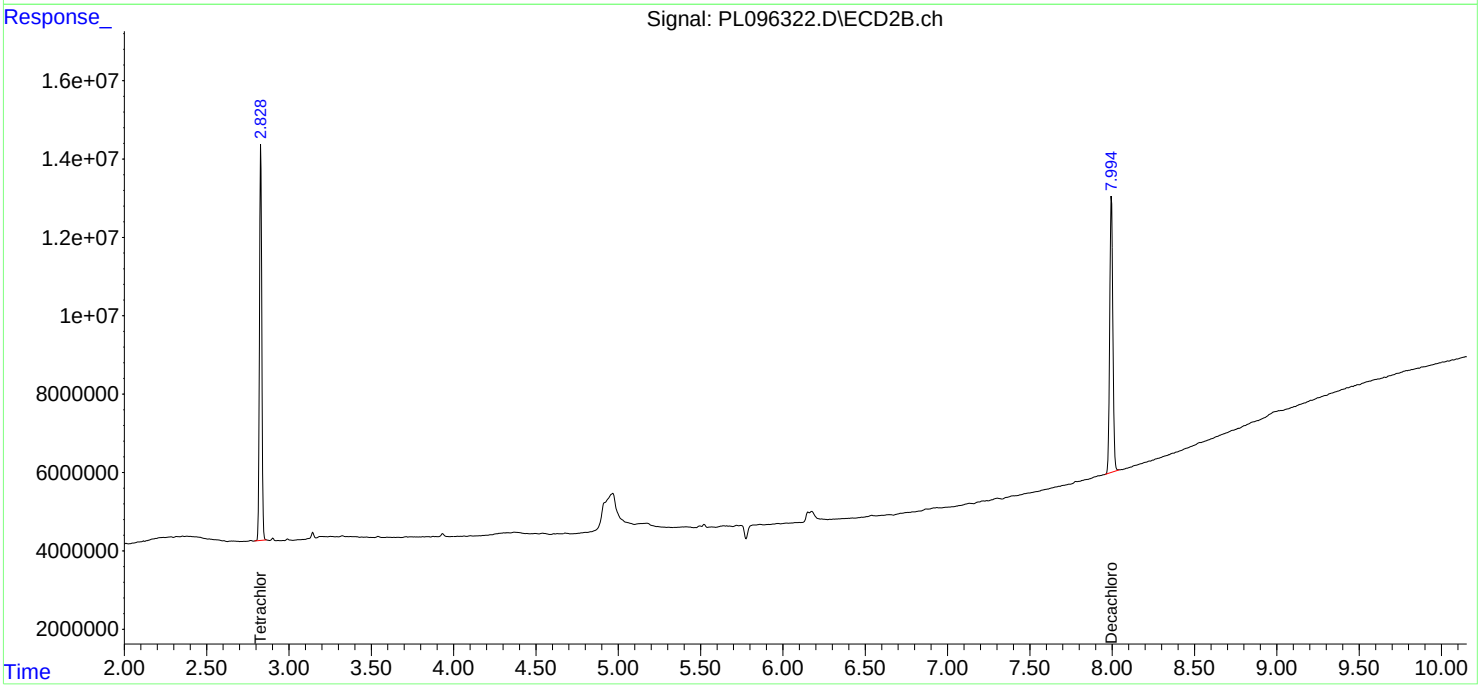
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:22
Operator : AR\AJ
Sample : PB168789TB
Misc :
ALS Vial : 24 Sample Multiplier: 1

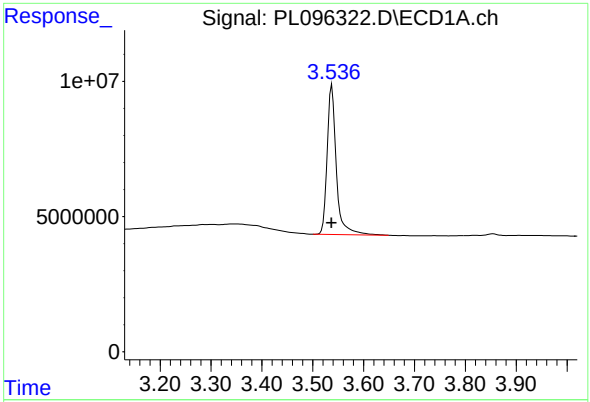
Instrument :
ECD_L
ClientSampleId :
PB168789TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:42 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



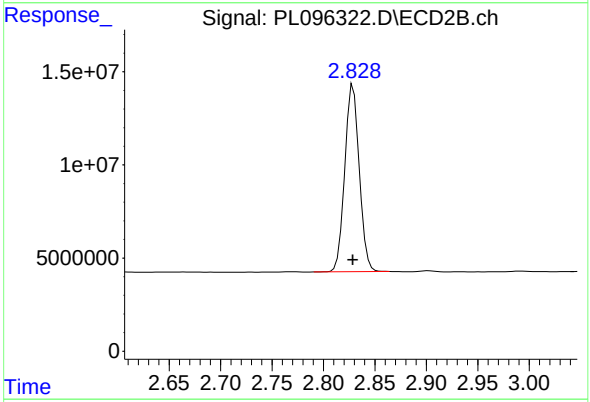




#1 Tetrachloro-m-xylene

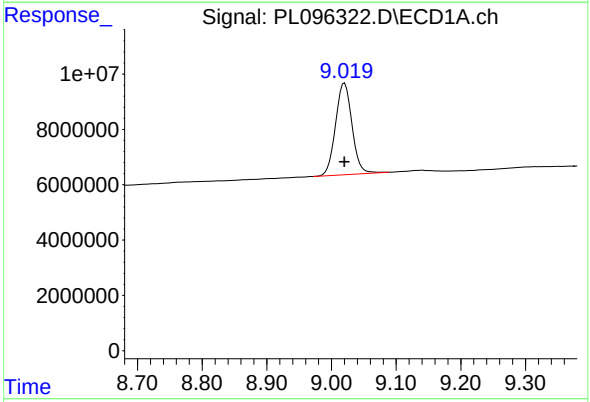
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 69397052
Conc: 19.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789TB



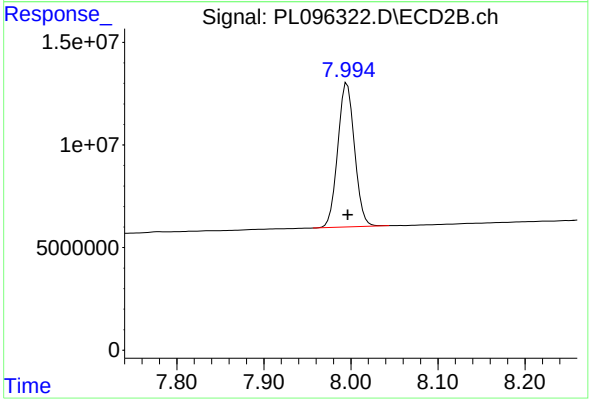
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 98561777
Conc: 17.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 58670925
Conc: 20.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 93989138
Conc: 18.85 ng/ml

Raw Data: **PL096342.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-01	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096342.D	1	07/09/25 11:39	07/11/25 15:40	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	24.3		57 - 171	121%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.2		61 - 148	96%	SPK: 20

Raw Data: **PL096342.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-01	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096342.D	1	07/09/25 11:39	07/11/25 15:40	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096342.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 15:40
Operator : AR\AJ
Sample : Q2489-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G4(0-6)

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:49:41 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	2.826	70043683	104.9E6	19.195m	18.173
28)	SA Decachlor...	9.021	7.995	68346369	108.1E6	24.296	21.687
	Target Compounds						

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

Sample Results: **PL096342.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 15:40
Operator : AR\AJ
Sample : Q2489-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

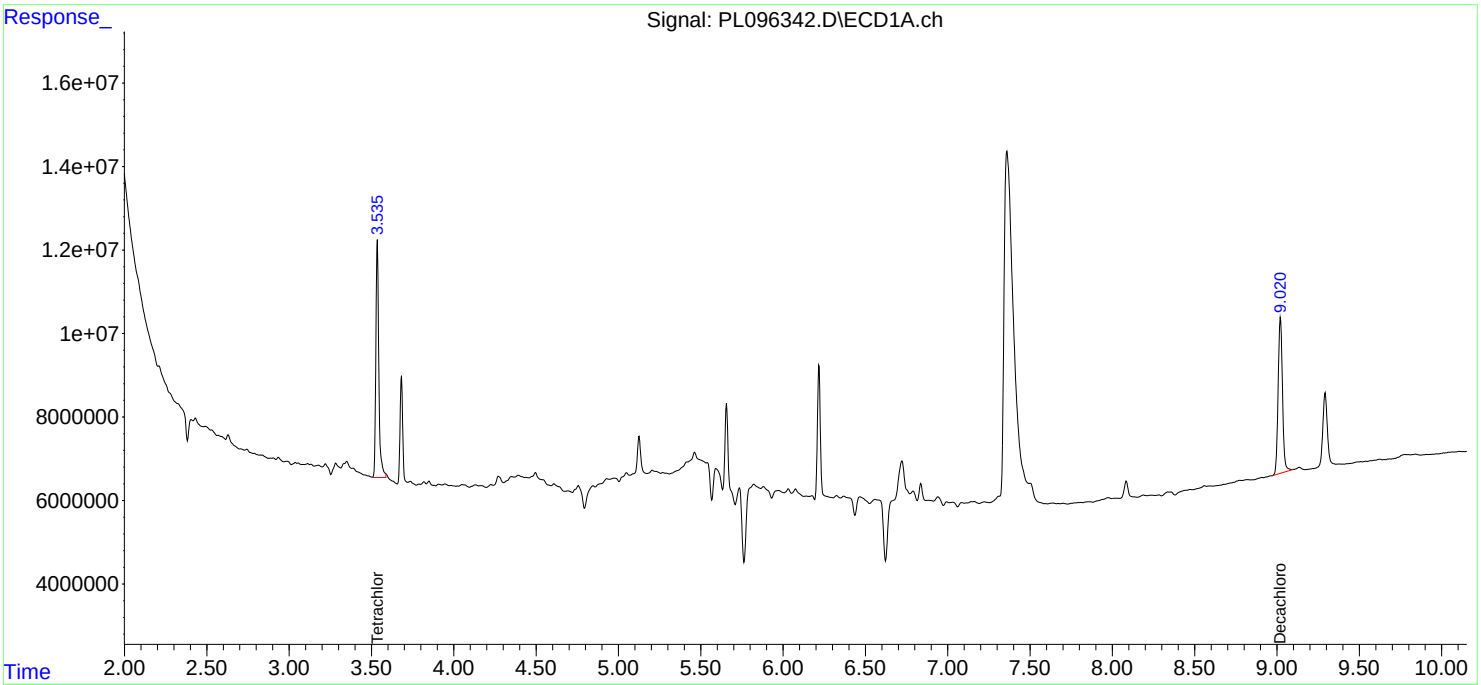
Instrument :
ECD_L
ClientSampleId :
G4(0-6)

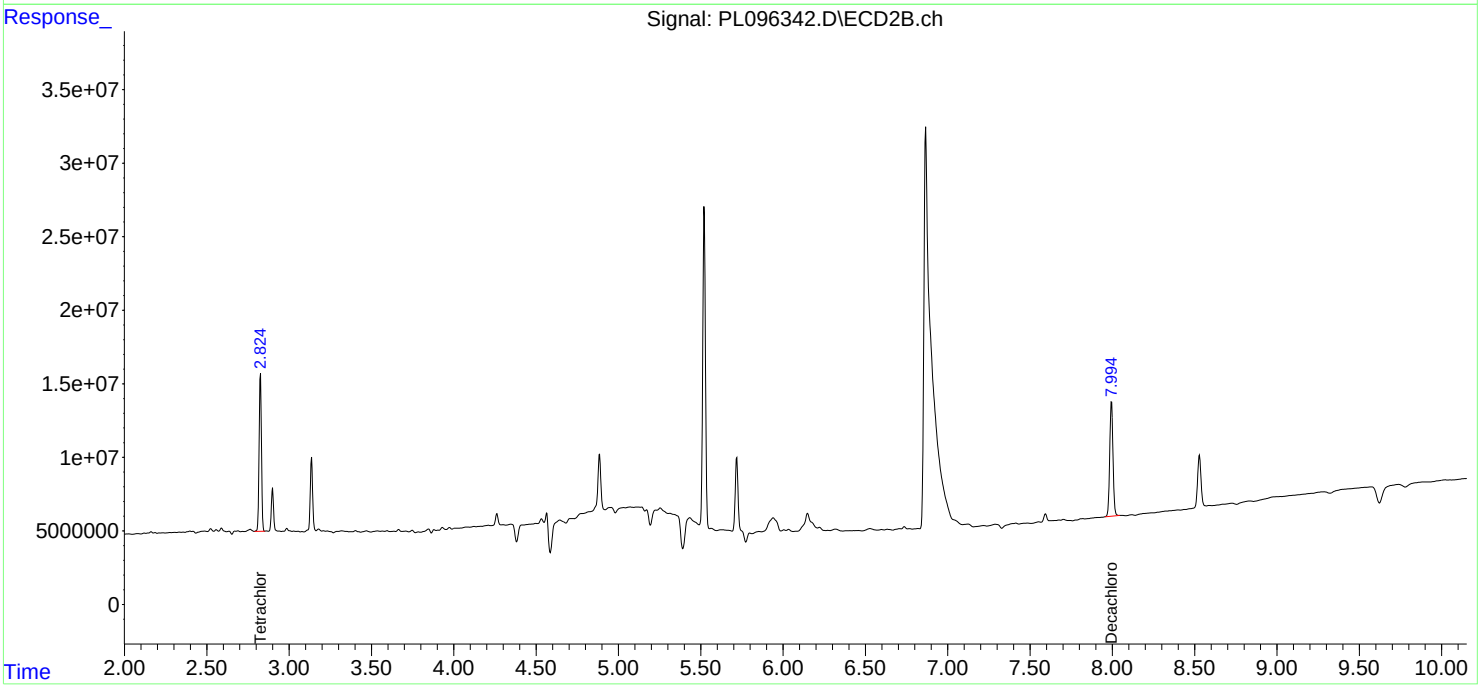
Manual Integrations APPROVED

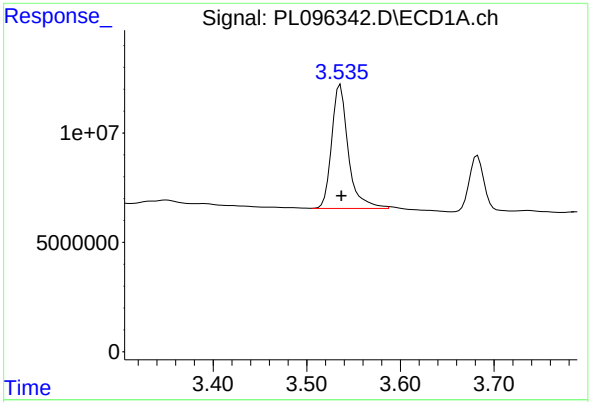
Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:49:41 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







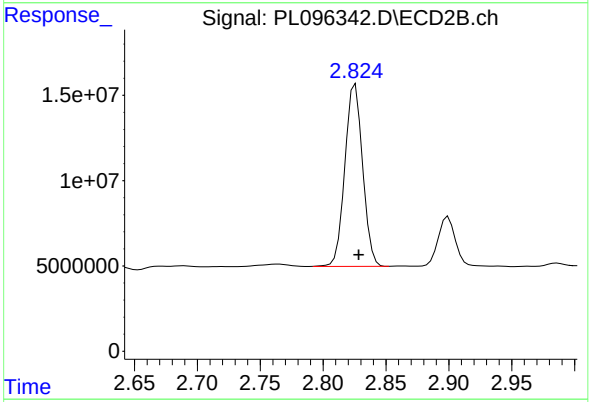
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.002 min
Response: 70043683
Conc: 19.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)

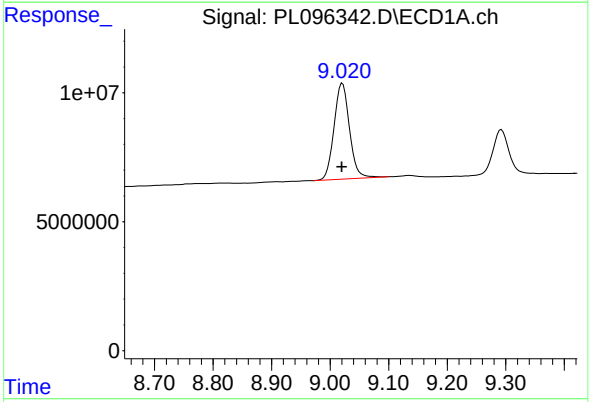
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



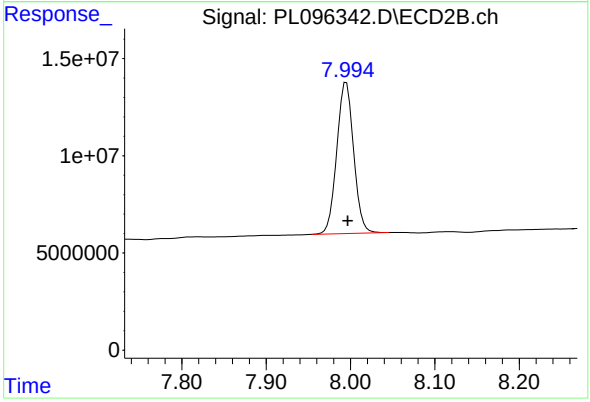
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.003 min
Response: 104878777
Conc: 18.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.001 min
Response: 68346369
Conc: 24.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 108141167
Conc: 21.69 ng/ml

Raw Data: **PL096329.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-02	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096329.D	1	07/09/25 11:39	07/10/25 21:11	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	16.0		57 - 171	80%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		61 - 148	87%	SPK: 20

Raw Data: **PL096329.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-02	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096329.D	1	07/09/25 11:39	07/10/25 21:11	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096329.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 21:11
Operator : AR\AJ
Sample : Q2489-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G4(6-12)

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:03 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...	3.536	2.827	63442459	97194977	17.386m	16.841m
28)	SA Decachlor...	9.020	7.995	45115956	70292964	16.038	14.097
	Target Compounds						

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

Sample Results: **PL096329.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 21:11
Operator : AR\AJ
Sample : Q2489-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

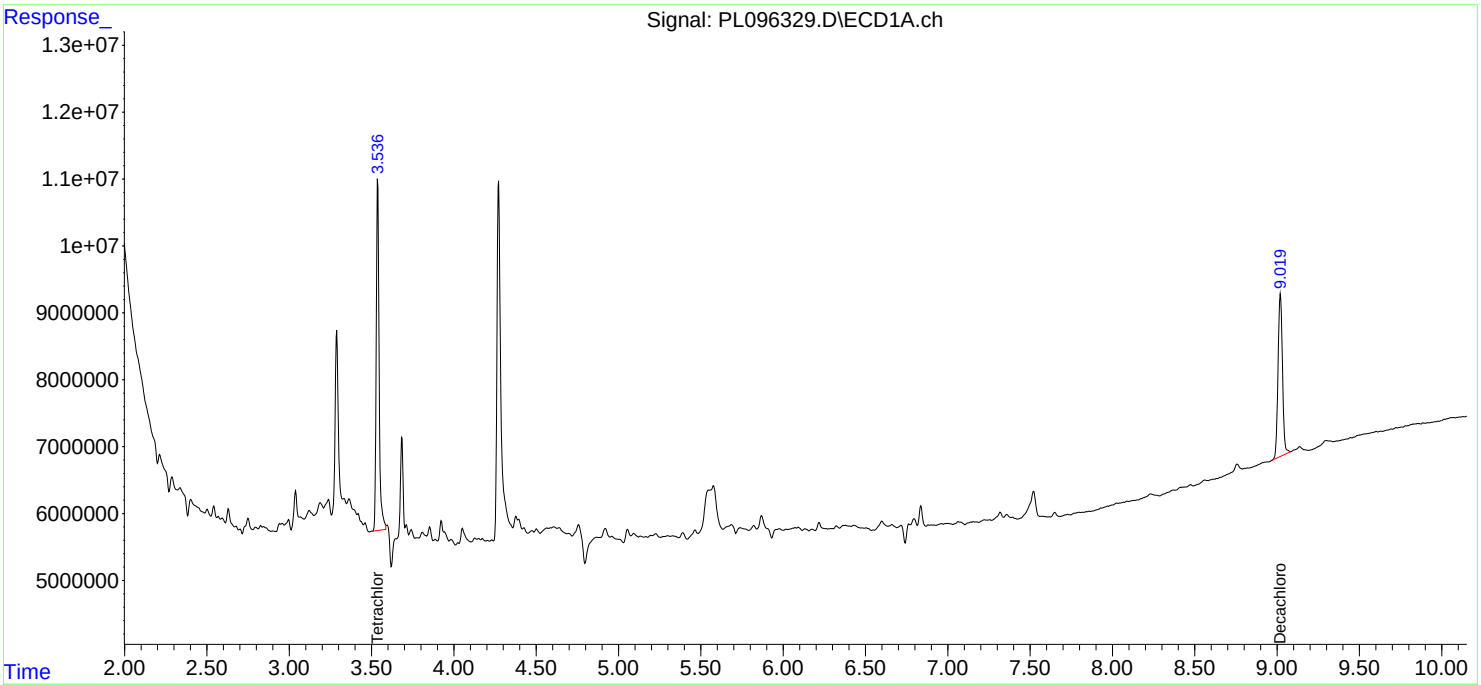
Instrument :
ECD_L
ClientSampleId :
G4(6-12)

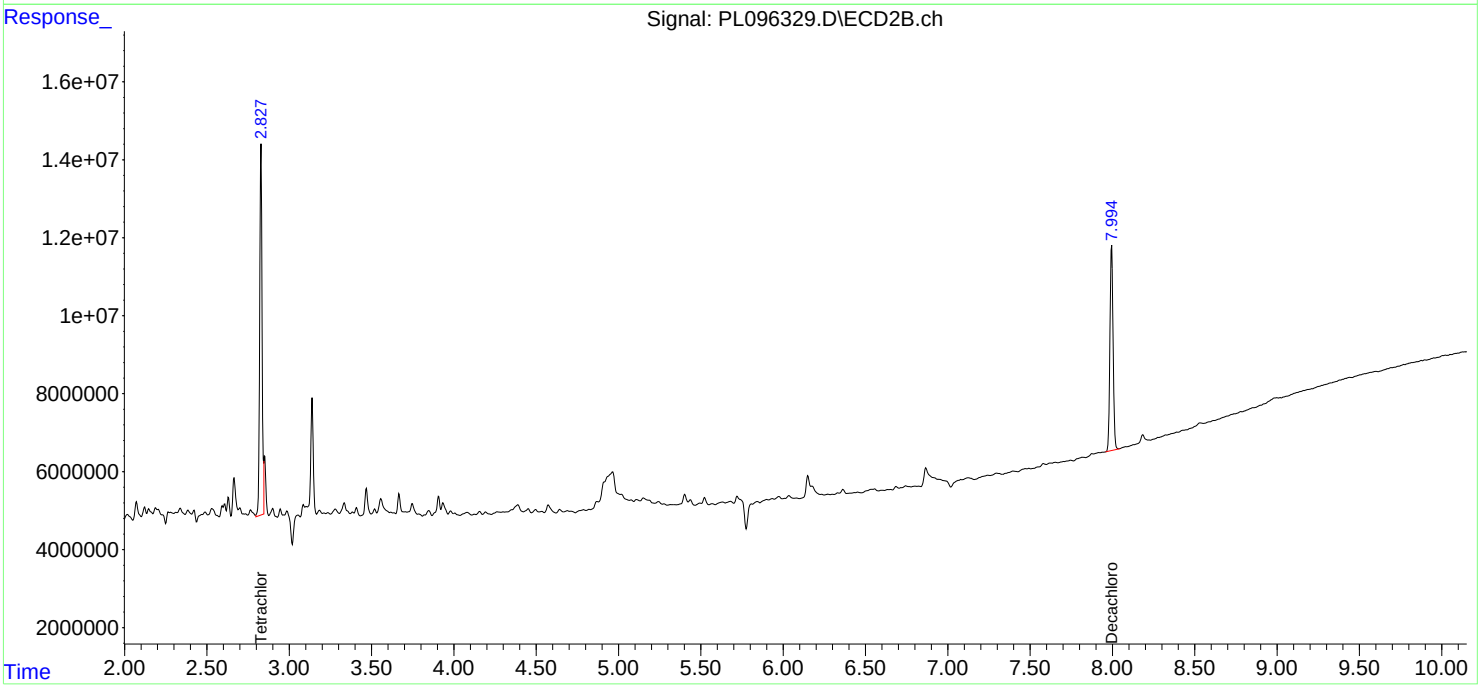
Manual Integrations APPROVED

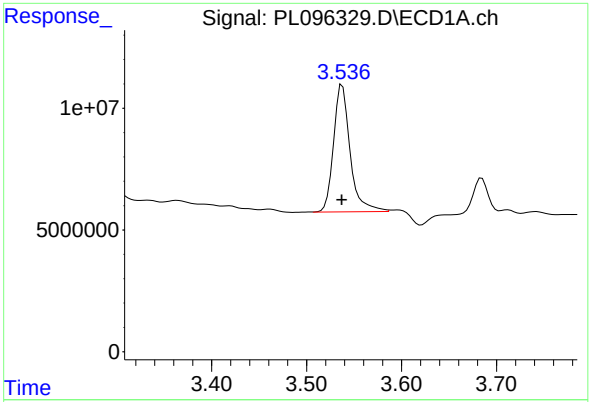
Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:03 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







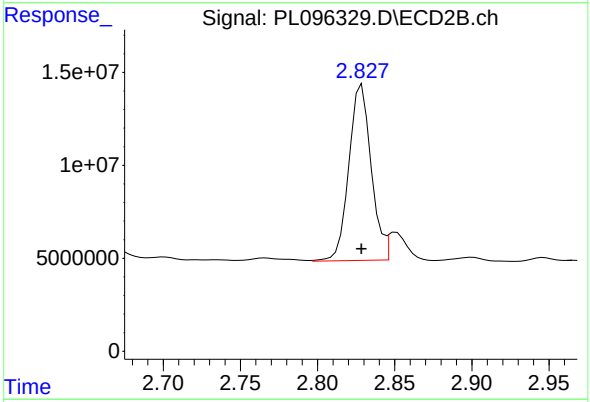
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 63442459
Conc: 17.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(6-12)

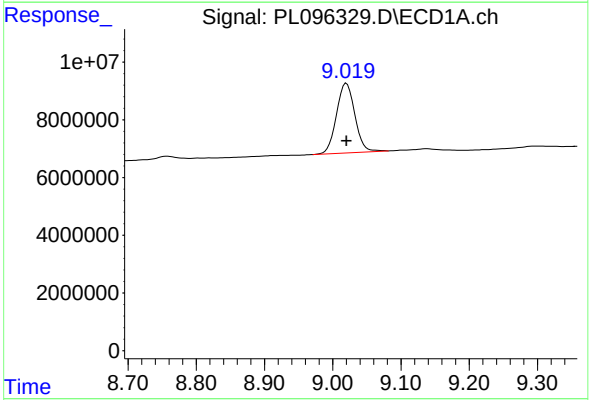
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



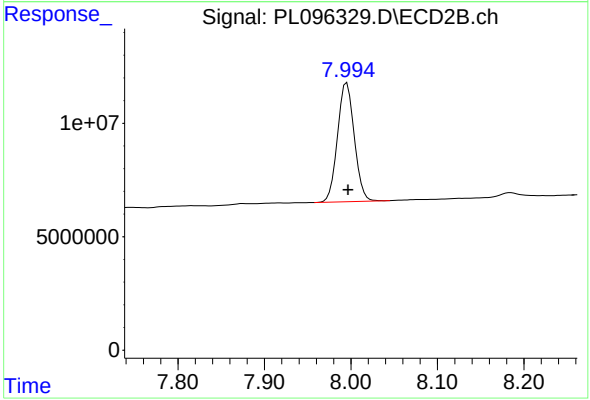
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 97194977
Conc: 16.84 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 45115956
Conc: 16.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 70292964
Conc: 14.10 ng/ml

Raw Data: **PL096330.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-03	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096330.D	1	07/09/25 11:39	07/10/25 21:25	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	18.1		57 - 171	91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		61 - 148	93%	SPK: 20

Raw Data: **PL096330.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-03	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096330.D	1	07/09/25 11:39	07/10/25 21:25	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\PL071025\
Data File : PL096330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 21:25
Operator : AR\AJ
Sample : Q2489-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G3(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:10 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	67622600	95941919	18.532	16.624
28)	SA Decachlor...	9.020	7.996	50937036	80015815	18.107	16.047
	Target Compounds						

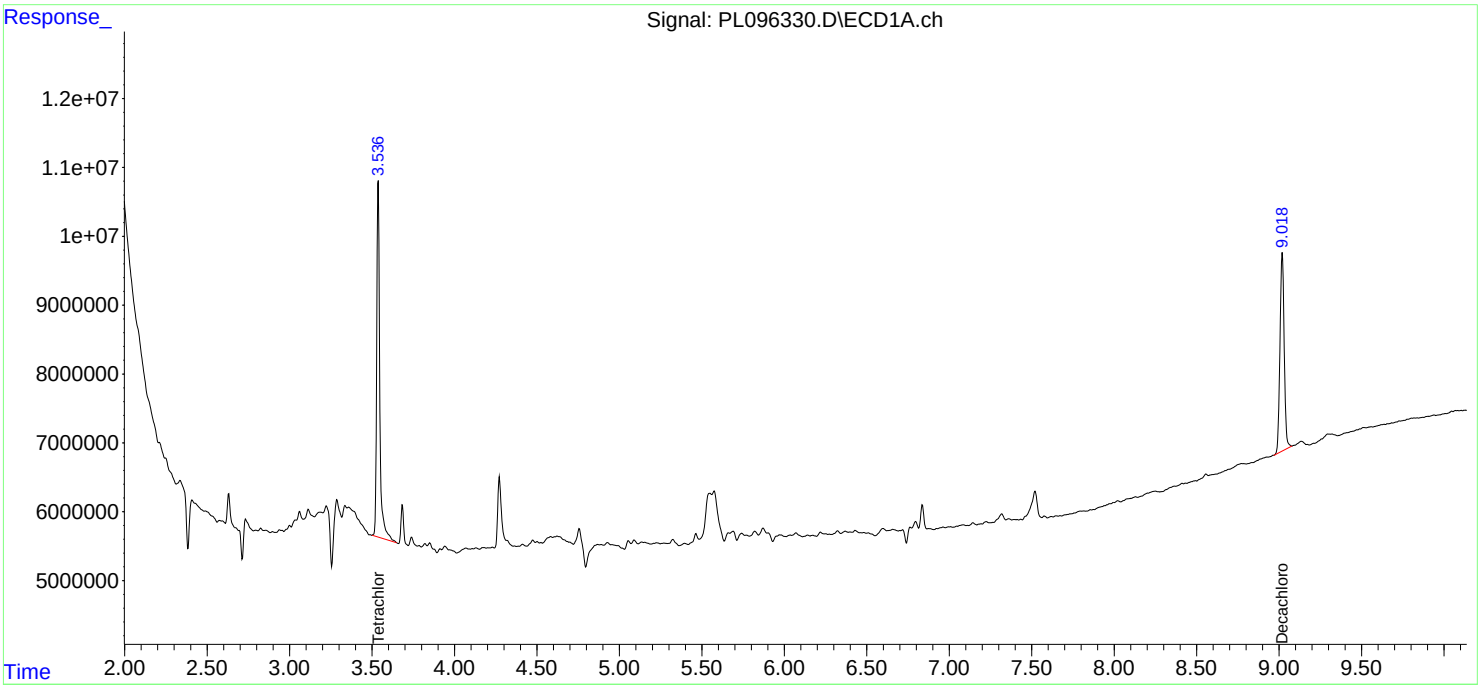
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

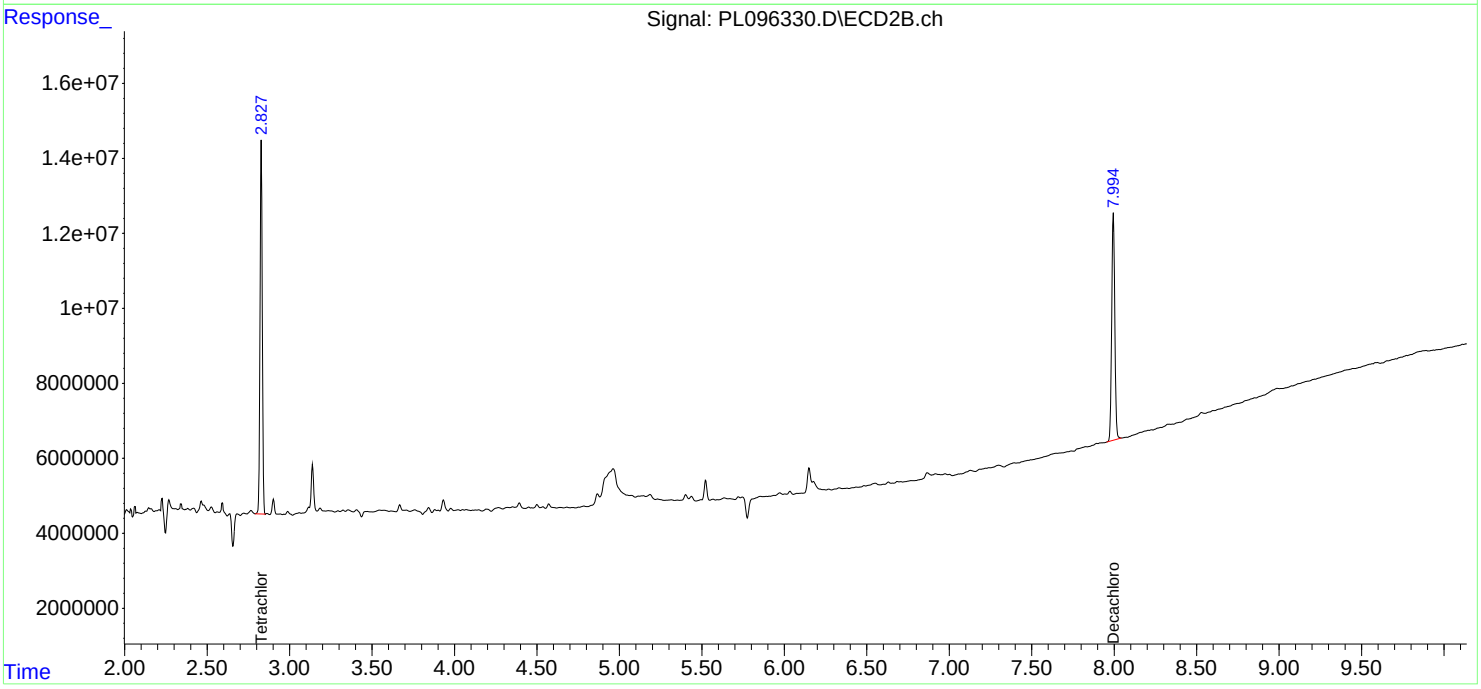
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 21:25
Operator : AR\AJ
Sample : Q2489-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

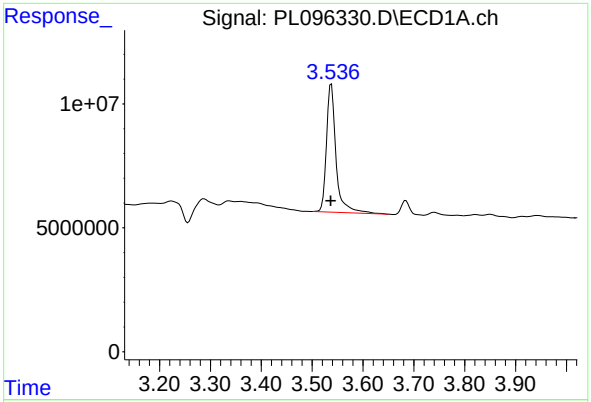
Instrument :
ECD_L
ClientSampleId :
G3(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:10 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



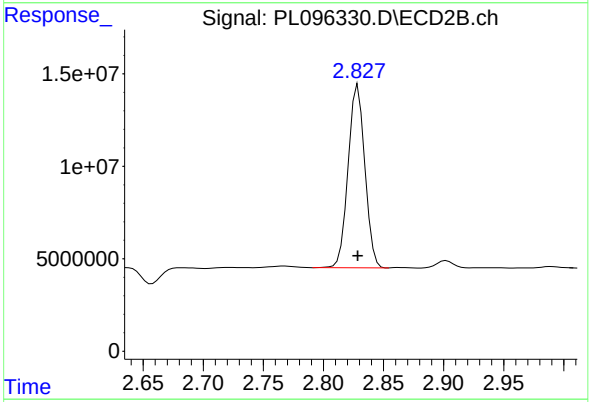




#1 Tetrachloro-m-xylene

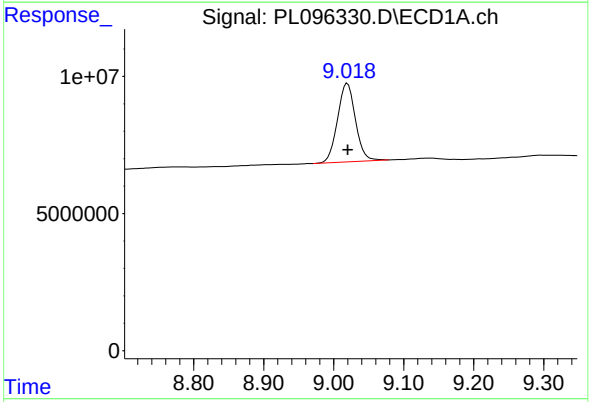
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 67622600
Conc: 18.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
G3(0-6)



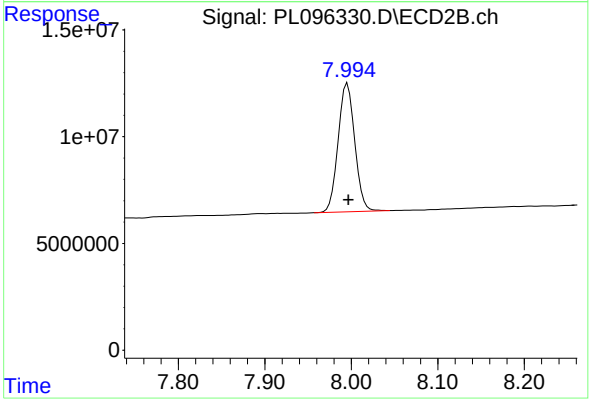
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 95941919
Conc: 16.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 50937036
Conc: 18.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: -0.001 min
Response: 80015815
Conc: 16.05 ng/ml

Raw Data: **PL096331.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-04	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096331.D	1	07/09/25 11:39	07/10/25 21:39	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	22.1		57 - 171	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.1		61 - 148	86%	SPK: 20

Raw Data: **PL096331.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-04	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096331.D	1	07/09/25 11:39	07/10/25 21:39	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096331.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 21:39
Operator : AR\AJ
Sample : Q2489-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G3(6-12)

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:17 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...	3.538	2.827	62411688	88925978	17.104	15.409m
28)	SA Decachlor...	9.020	7.995	62240657	69947587	22.126	14.027 #
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 21:39
Operator : AR\AJ
Sample : Q2489-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

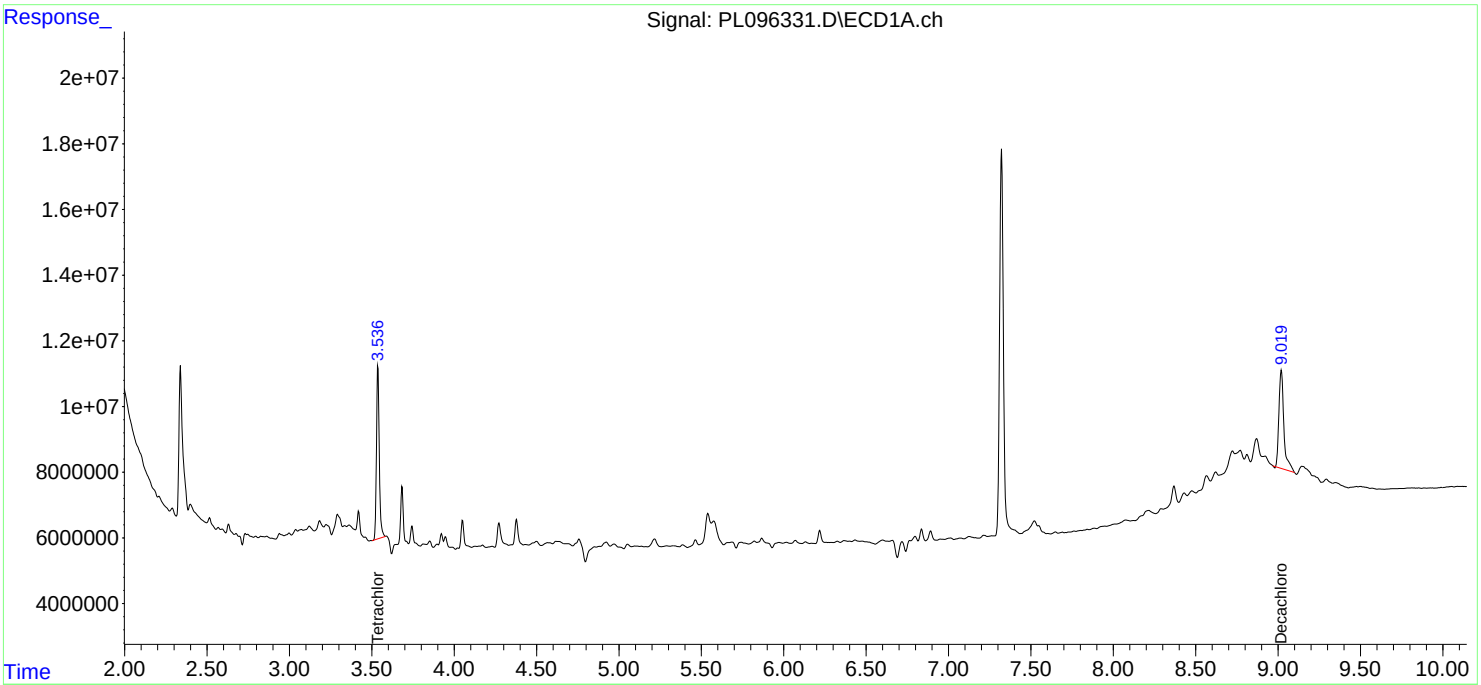
Instrument :
ECD_L
ClientSampleId :
G3(6-12)

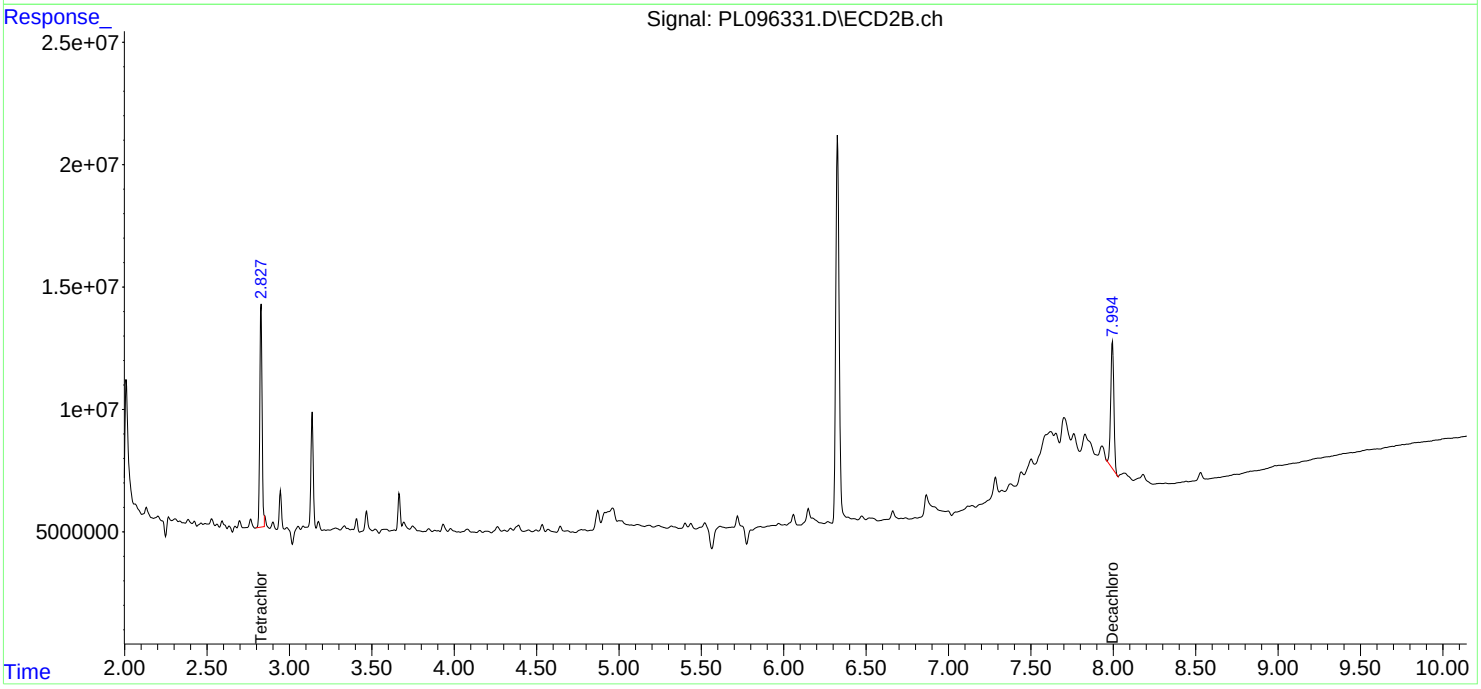
Manual Integrations APPROVED

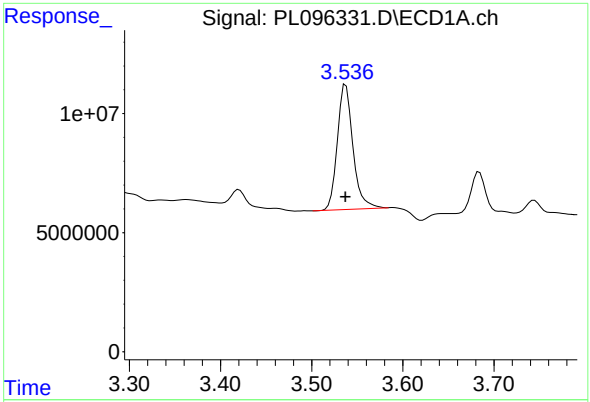
Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:17 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







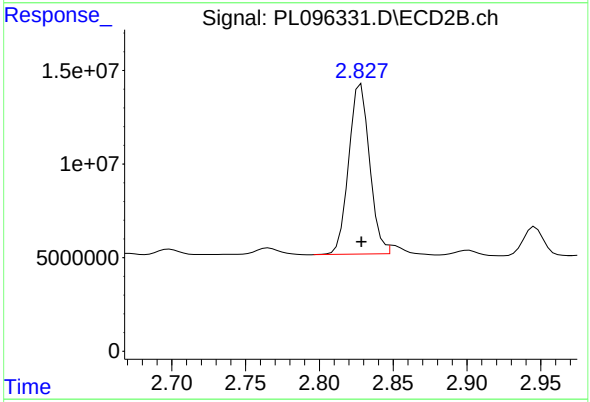
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 62411688
Conc: 17.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
G3(6-12)

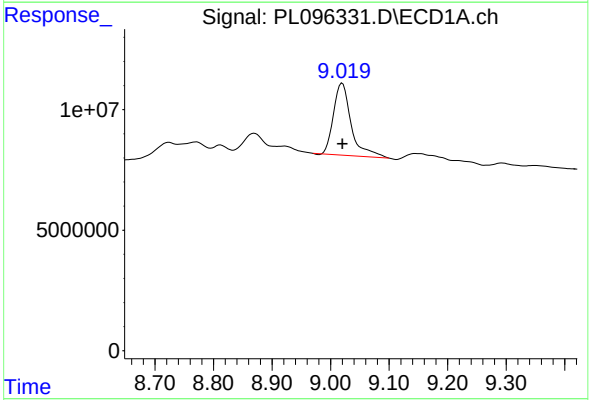
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



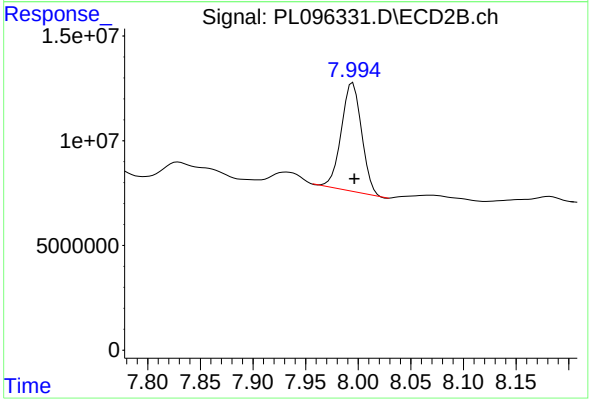
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.002 min
Response: 88925978
Conc: 15.41 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 62240657
Conc: 22.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 69947587
Conc: 14.03 ng/ml

Raw Data: **PL096332.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-05	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096332.D	1	07/09/25 11:39	07/10/25 21:52	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	14.4		57 - 171	72%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		61 - 148	92%	SPK: 20

Raw Data: **PL096332.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-05	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096332.D	1	07/09/25 11:39	07/10/25 21:52	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096332.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 21:52
Operator : AR\AJ
Sample : Q2489-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G2(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:25 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	67369944	94832007	18.463	16.432
28)	SA Decachlor...	9.019	7.995	40427267	63037227	14.371	12.642
	Target Compounds						

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

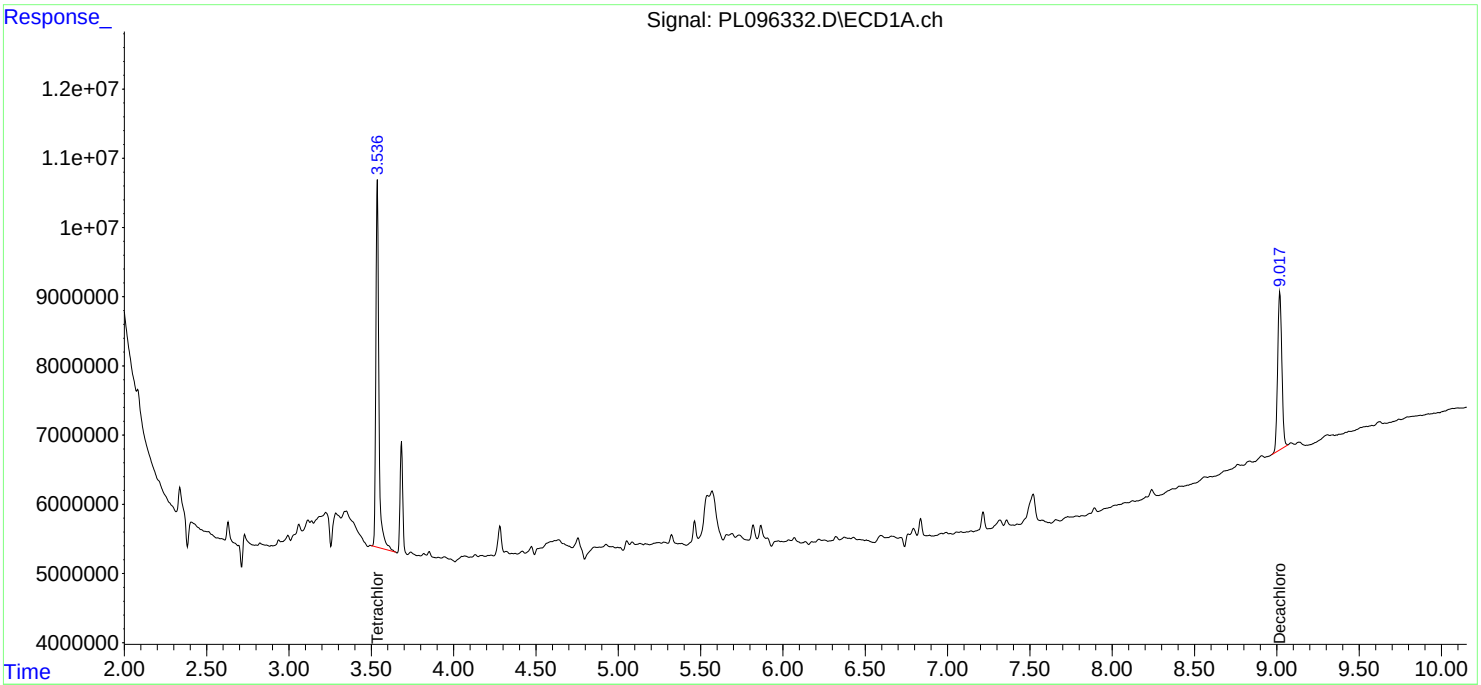
Sample Results: **PL096332.D**

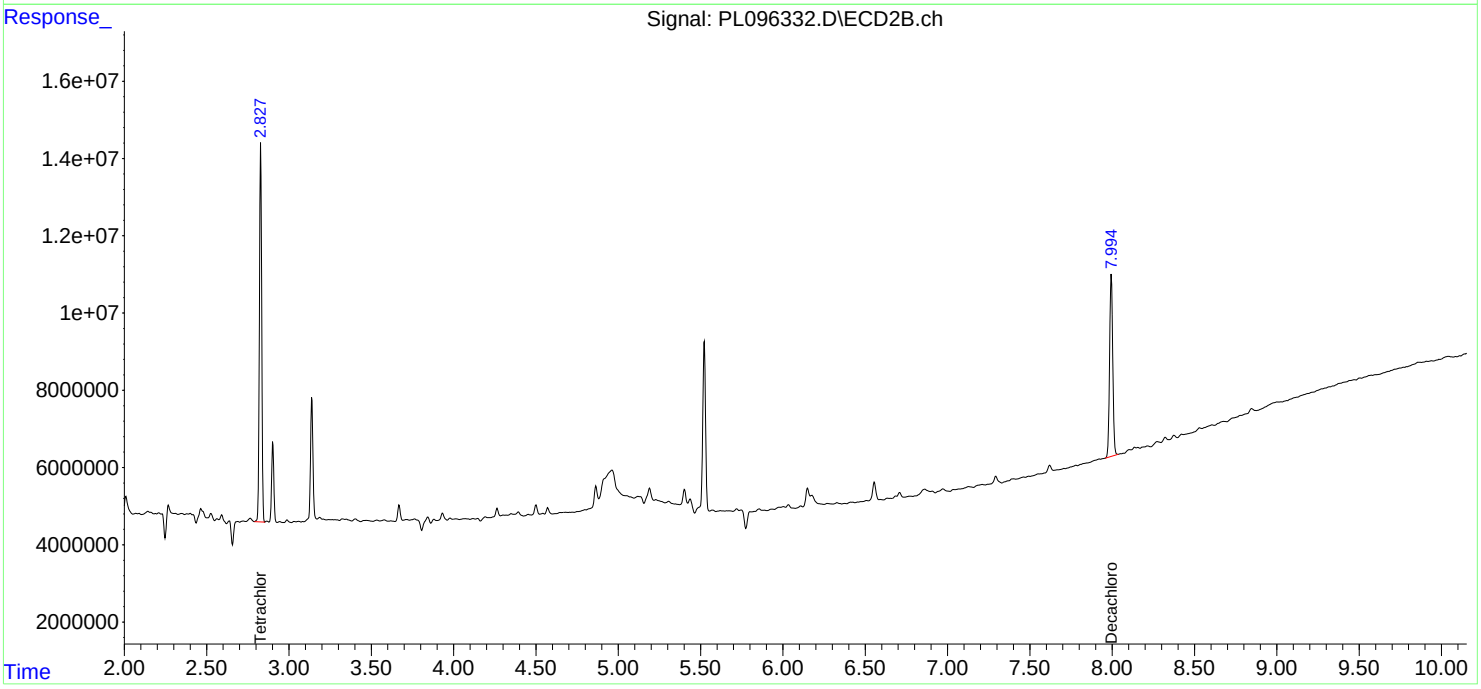
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 21:52
Operator : AR\AJ
Sample : Q2489-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

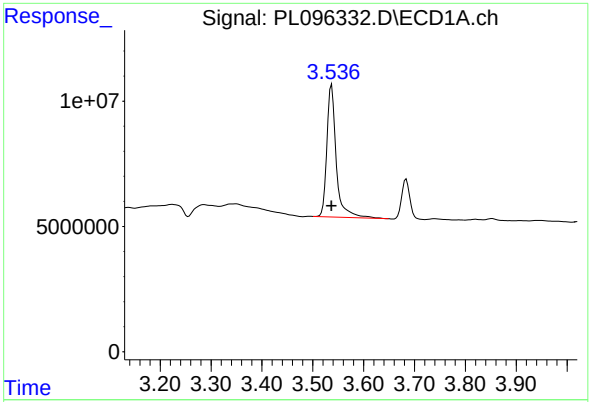
Instrument :
ECD_L
ClientSampleId :
G2(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:25 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



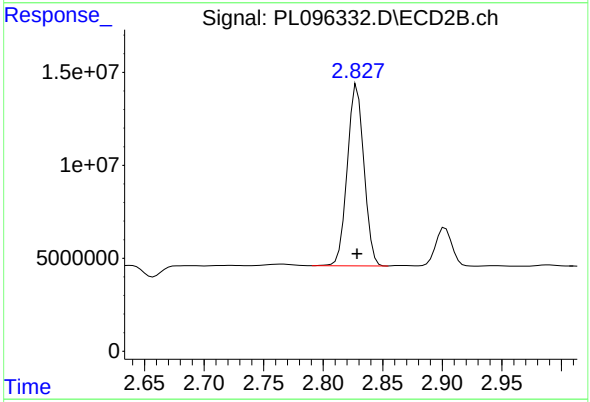




#1 Tetrachloro-m-xylene

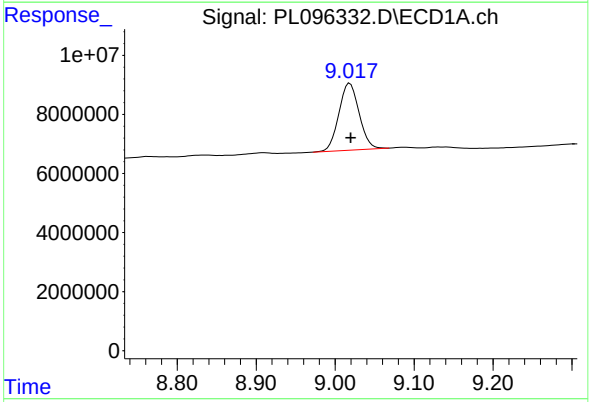
R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 67369944
Conc: 18.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
G2(0-6)



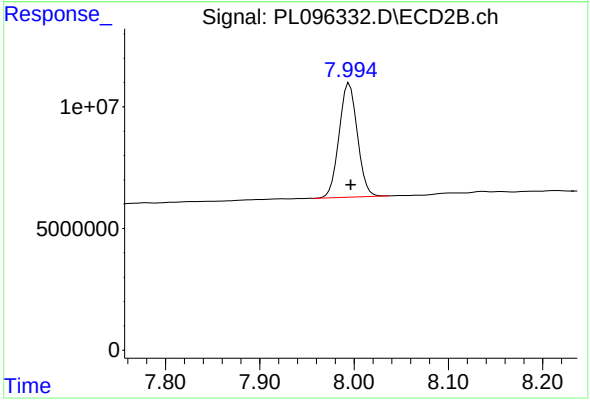
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 94832007
Conc: 16.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.019 min
Delta R.T.: -0.001 min
Response: 40427267
Conc: 14.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 63037227
Conc: 12.64 ng/ml

Raw Data: **PL096333.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-06	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096333.D	1	07/09/25 11:39	07/10/25 22:06	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	12.5		57 - 171	62%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.3		61 - 148	91%	SPK: 20

Raw Data: **PL096333.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G2(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-06	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096333.D	1	07/09/25 11:39	07/10/25 22:06	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096333.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 22:06
Operator : AR\AJ
Sample : Q2489-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G2(6-12)

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:32 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...	3.537	2.829	66711435	94285137	18.282m	16.337
28)	SA Decachlor...	9.019	7.995	35053999	53962220	12.461	10.822
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 22:06
Operator : AR\AJ
Sample : Q2489-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

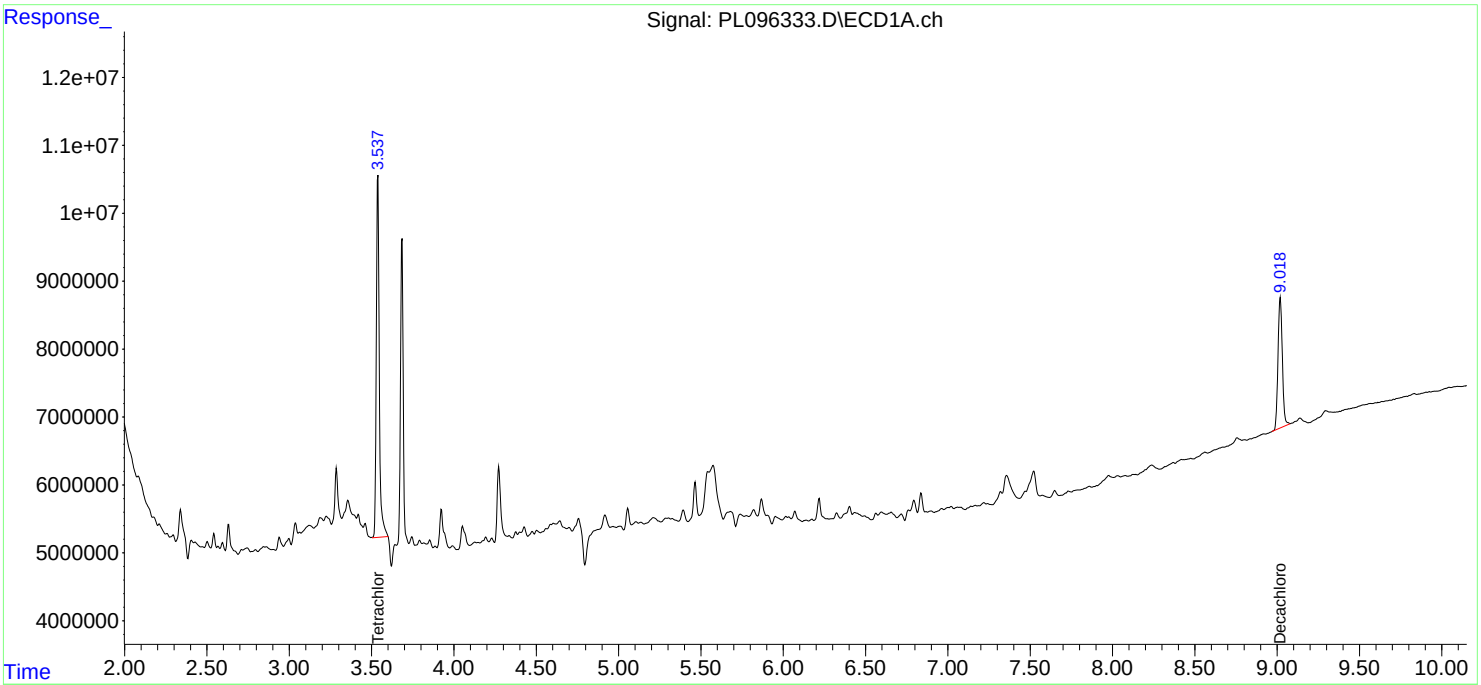
Instrument :
ECD_L
ClientSampleId :
G2(6-12)

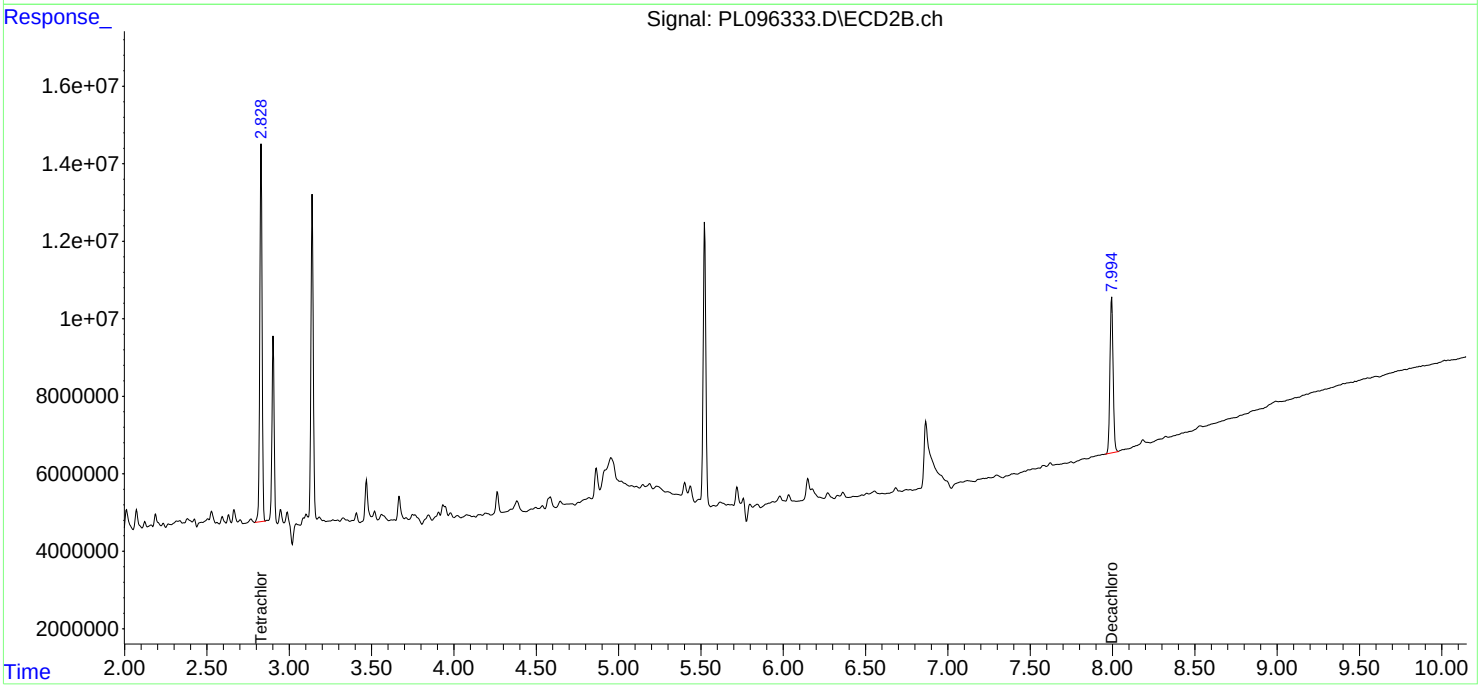
Manual Integrations APPROVED

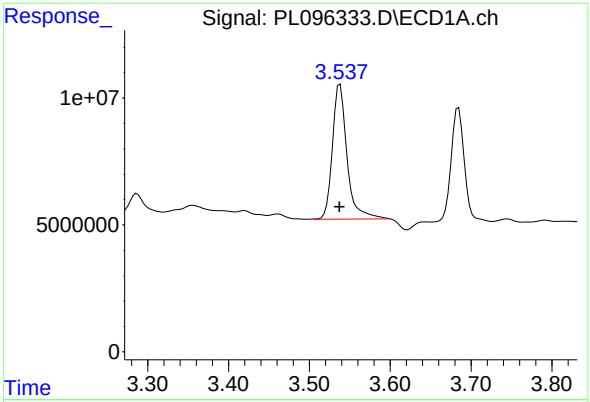
Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:32 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







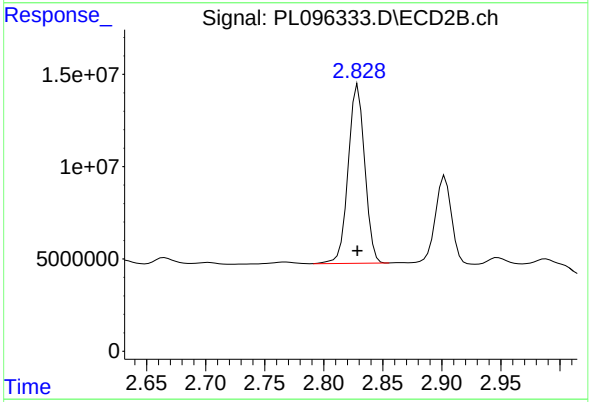
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 66711435
Conc: 18.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
G2(6-12)

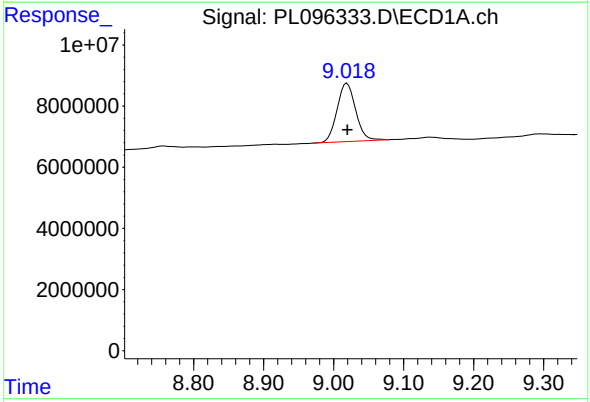
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



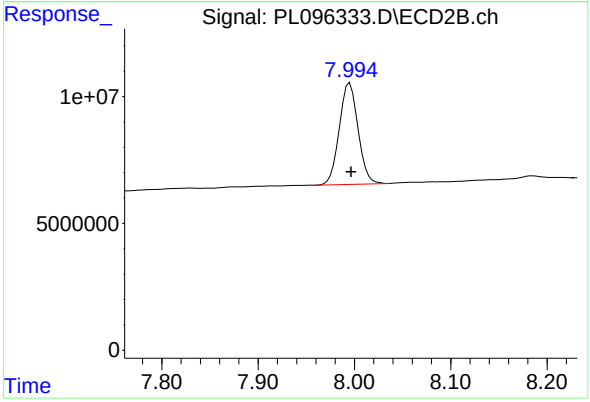
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 94285137
Conc: 16.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.019 min
Delta R.T.: 0.000 min
Response: 35053999
Conc: 12.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 53962220
Conc: 10.82 ng/ml

Raw Data: **PL096334.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-07	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096334.D	1	07/09/25 11:39	07/10/25 22:19	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	16.8		57 - 171	84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.2		61 - 148	96%	SPK: 20

Raw Data: **PL096334.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(0-6)	SDG No.:	Q2489
Lab Sample ID:	Q2489-07	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096334.D	1	07/09/25 11:39	07/10/25 22:19	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096334.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 22:19
Operator : AR\AJ
Sample : Q2489-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G1(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:40 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...	3.538	2.829	70109540	99735031	19.213	17.281
28)	SA Decachlor...	9.020	7.995	47373773	74923511	16.841	15.025
	Target Compounds						

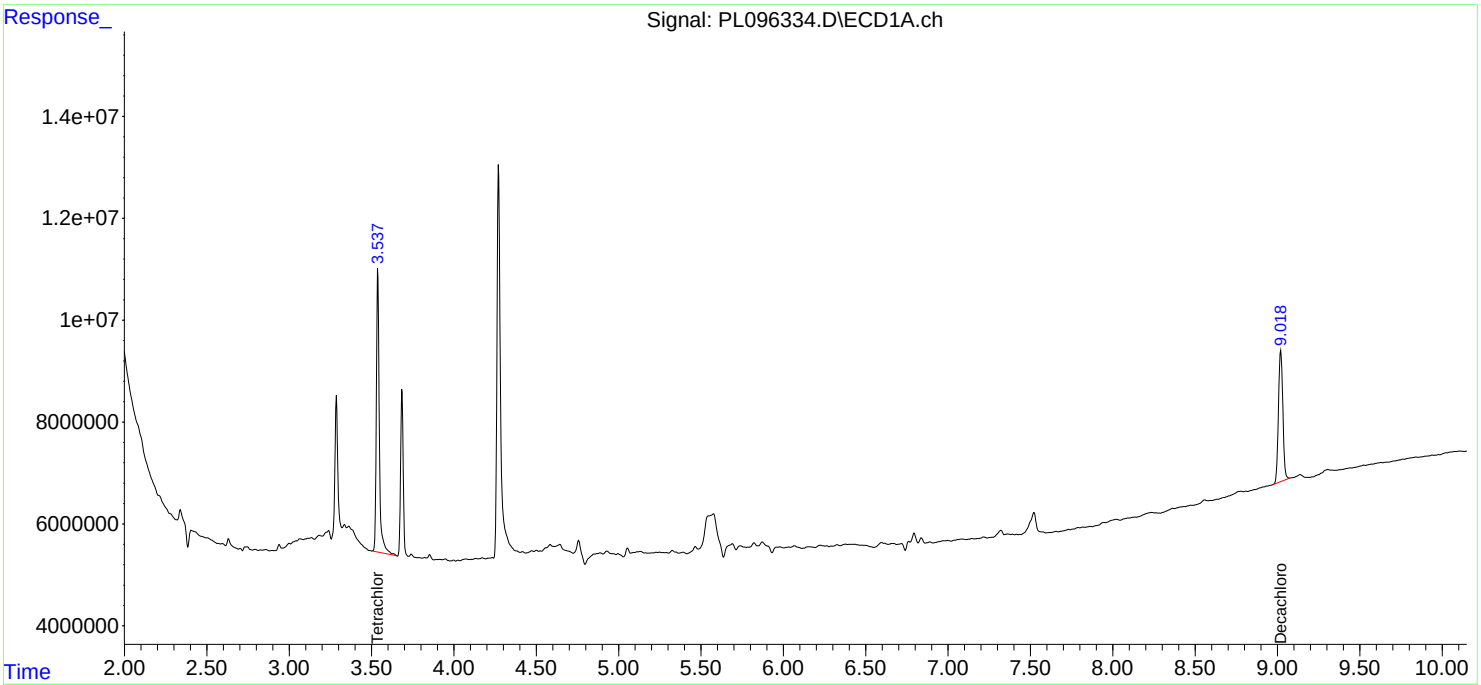
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

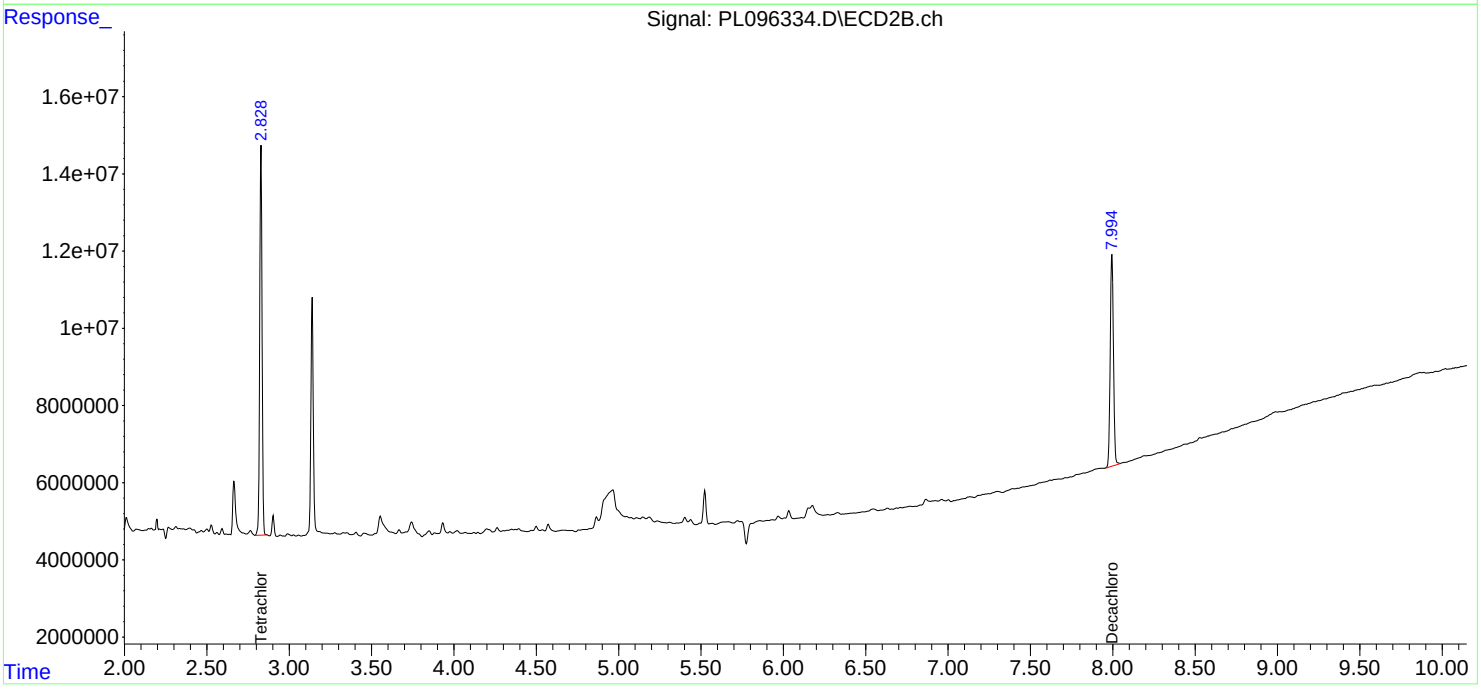
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 22:19
Operator : AR\AJ
Sample : Q2489-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

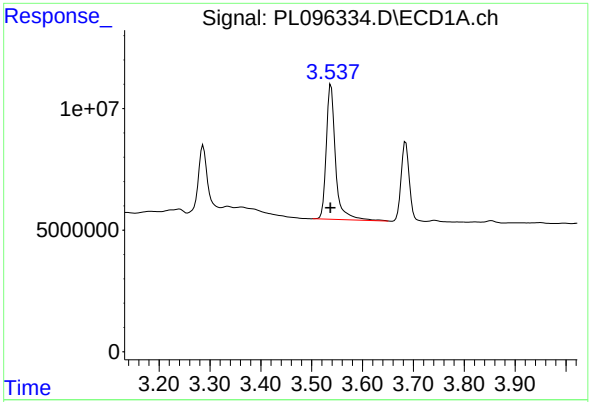
Instrument :
ECD_L
ClientSampleId :
G1(0-6)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:40 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



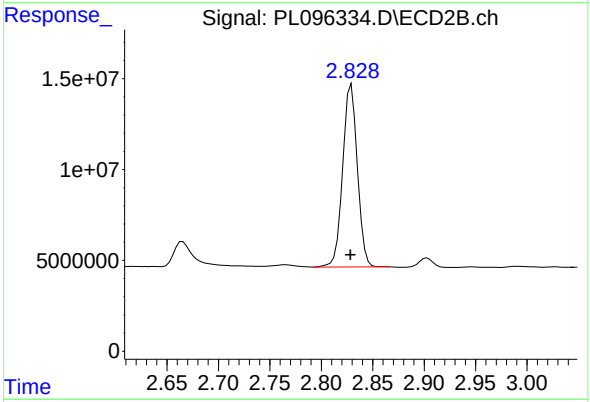




#1 Tetrachloro-m-xylene

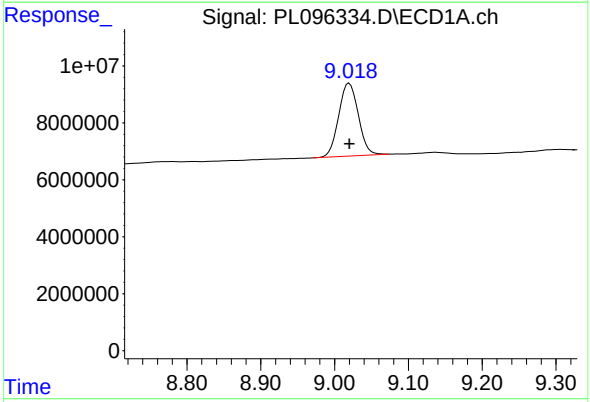
R.T.: 3.538 min
Delta R.T.: 0.001 min
Response: 70109540
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
G1(0-6)



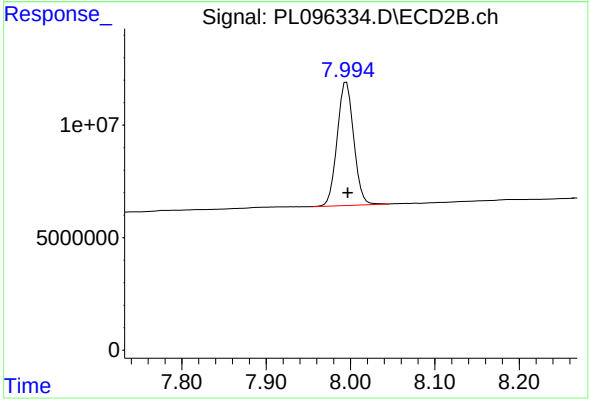
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 99735031
Conc: 17.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 47373773
Conc: 16.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 74923511
Conc: 15.03 ng/ml

Raw Data: **PL096335.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-08	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096335.D	1	07/09/25 11:39	07/10/25 22:33	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	17.5		57 - 171	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		61 - 148	98%	SPK: 20

Raw Data: **PL096335.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G1(6-12)	SDG No.:	Q2489
Lab Sample ID:	Q2489-08	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096335.D	1	07/09/25 11:39	07/10/25 22:33	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\PL071025\
Data File : PL096335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 22:33
Operator : AR\AJ
Sample : Q2489-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G1(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:47 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	2.828	71696589	101.5E6	19.648	17.592
28)	SA Decachlor...	9.018	7.995	49125743	78055515	17.463	15.653
	Target Compounds						

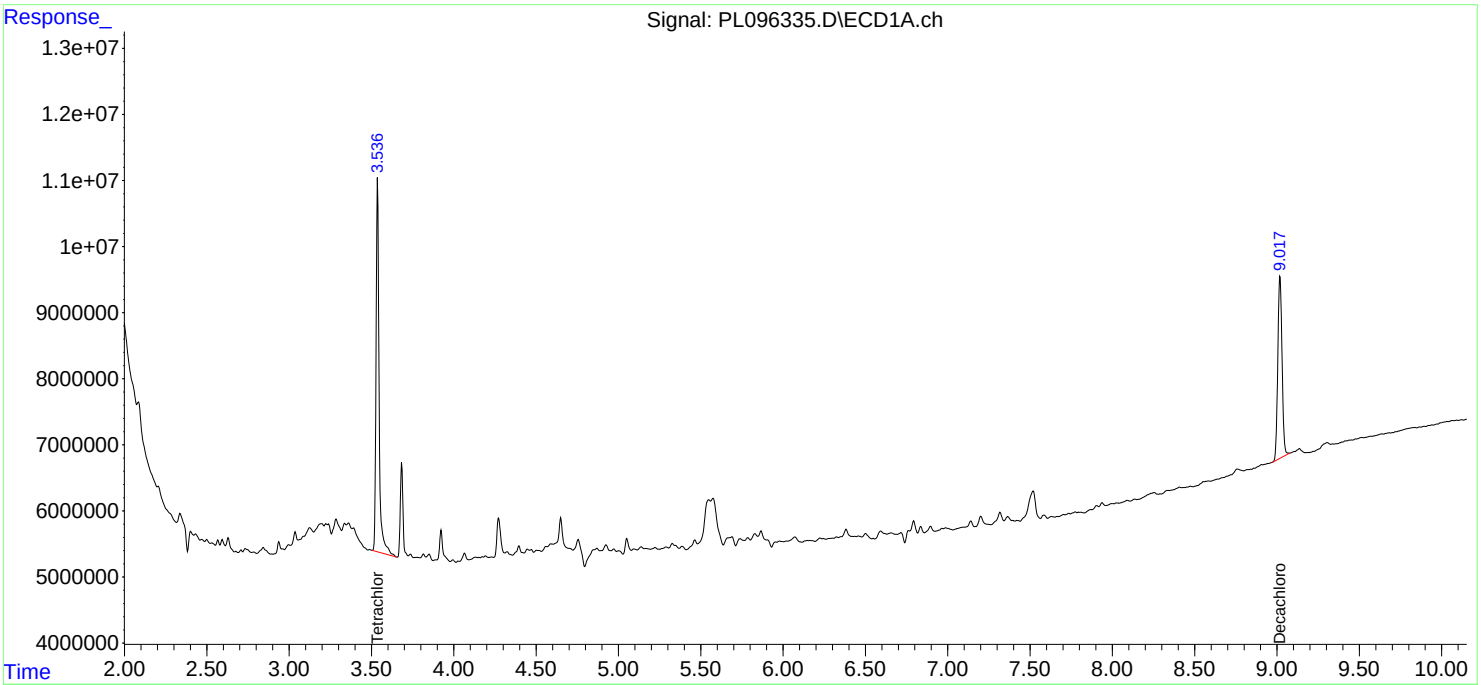
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

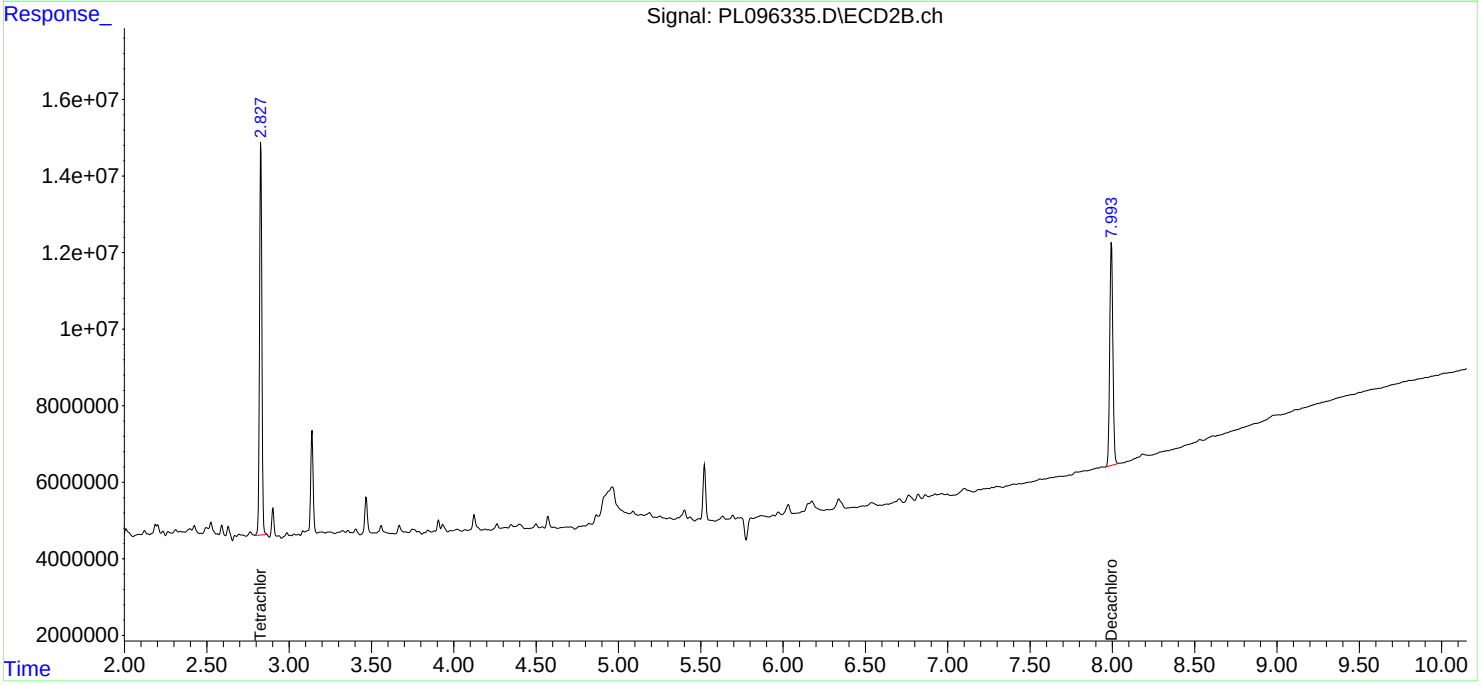
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 22:33
Operator : AR\AJ
Sample : Q2489-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

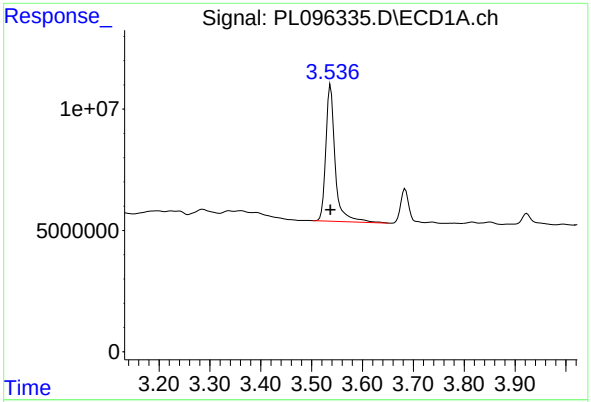
Instrument :
ECD_L
ClientSampleId :
G1(6-12)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:47 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



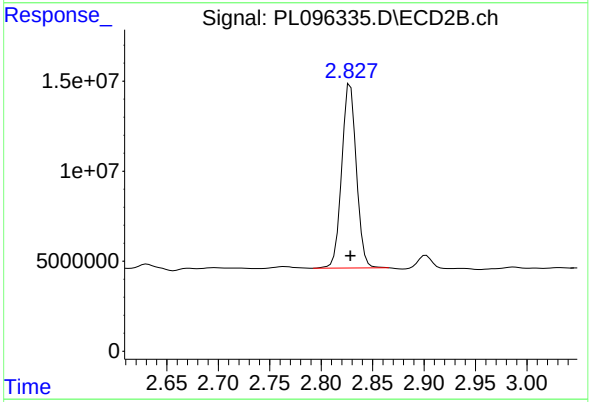




#1 Tetrachloro-m-xylene

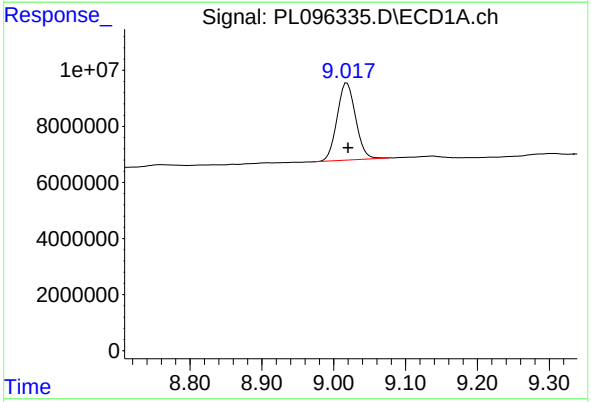
R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 71696589
Conc: 19.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
G1(6-12)



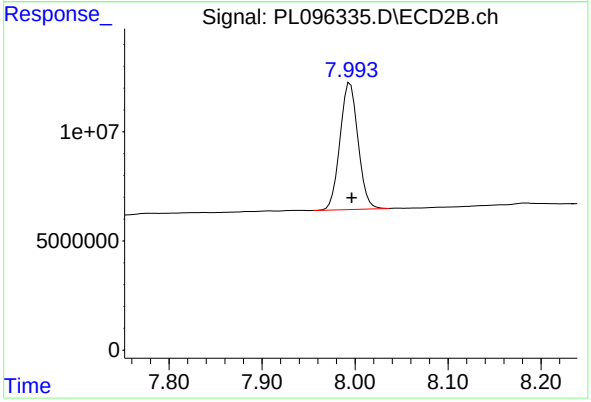
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 101524711
Conc: 17.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.018 min
Delta R.T.: -0.001 min
Response: 49125743
Conc: 17.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 78055515
Conc: 15.65 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_L
Contract: WALS01
SDG NO.: Q2489
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
4,4'-DDD	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
4,4'-DDE	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
4,4'-DDT	6.99	6.99	6.99	6.99	6.99	6.99	6.89	7.09
Aldrin	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
alpha-BHC	3.99	3.98	3.99	3.99	3.98	3.98	3.88	4.08
alpha-Chlordane	6.00	6.00	6.00	6.00	6.00	6.00	5.90	6.10
beta-BHC	4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Decachlorobiphenyl	9.02	9.02	9.02	9.02	9.02	9.02	8.92	9.12
delta-BHC	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Dieldrin	6.32	6.32	6.32	6.32	6.32	6.32	6.22	6.42
Endosulfan I	6.05	6.05	6.05	6.05	6.05	6.05	5.95	6.15
Endosulfan II	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Endosulfan sulfate	7.12	7.12	7.12	7.12	7.12	7.12	7.02	7.22
Endrin	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Endrin aldehyde	6.89	6.89	6.89	6.89	6.89	6.89	6.79	6.99
Endrin ketone	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
gamma-BHC (Lindane)	4.31	4.31	4.31	4.31	4.31	4.31	4.21	4.41
gamma-Chlordane	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
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
Lab Code: ACE
Instrument ID: ECD_L

Contract: WALS01
SDG NO.: Q2489
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
4,4'-DDD	5.86	5.86	5.86	5.86	5.86	5.86	5.76	5.96
4,4'-DDE	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
4,4'-DDT	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aldrin	4.30	4.30	4.30	4.30	4.30	4.30	4.20	4.40
alpha-BHC	3.34	3.33	3.34	3.34	3.33	3.33	3.23	3.43
alpha-Chlordane	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
beta-BHC	3.96	3.96	3.96	3.96	3.96	3.96	3.86	4.06
Decachlorobiphenyl	8.00	8.00	8.00	8.00	8.00	8.00	7.90	8.10
delta-BHC	4.20	4.20	4.20	4.20	4.20	4.20	4.10	4.30
Dieldrin	5.44	5.44	5.44	5.44	5.44	5.44	5.34	5.54
Endosulfan I	5.17	5.17	5.17	5.17	5.17	5.17	5.07	5.27
Endosulfan II	6.00	6.01	6.00	6.00	6.00	6.00	5.90	6.10
Endosulfan sulfate	6.41	6.41	6.41	6.41	6.41	6.41	6.31	6.51
Endrin	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Endrin aldehyde	6.18	6.18	6.18	6.18	6.18	6.18	6.08	6.28
Endrin ketone	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
gamma-BHC (Lindane)	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
gamma-Chlordane	5.06	5.05	5.05	5.05	5.05	5.05	4.95	5.15
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: WALS01
SDG NO.: Q2489
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
4,4'-DDD	3025530000	2846910000	2912000000	2866030000	2907990000	2911690000	2
4,4'-DDE	3926920000	3702200000	3661590000	3582550000	3664090000	3707470000	4
4,4'-DDT	3139990000	3020970000	3013860000	2971550000	3029680000	3035210000	2
Aldrin	5044220000	4788040000	4818860000	4747320000	4770150000	4833720000	2
alpha-BHC	5571020000	5284470000	5219170000	4994210000	4646830000	5143140000	7
alpha-Chlordane	4467840000	4235850000	4336280000	4346530000	4507790000	4378860000	3
beta-BHC	2082830000	1999940000	2042490000	2063730000	2205000000	2078800000	4
Decachlorobiphenyl	2734760000	2660070000	2729730000	2840050000	3100690000	2813060000	6
delta-BHC	4804100000	4509860000	4516620000	4346750000	4229310000	4481330000	5
Dieldrin	4412200000	4164020000	4220320000	4153040000	4192430000	4228400000	3
Endosulfan I	4104490000	3923660000	3972940000	3960980000	4224190000	4037250000	3
Endosulfan II	3436020000	3297450000	3368710000	3426740000	3821340000	3470050000	6
Endosulfan sulfate	3137110000	3004650000	3031090000	3032300000	3089040000	3058840000	2
Endrin	3278570000	3096260000	3152290000	3035270000	2988660000	3110210000	4
Endrin aldehyde	2215710000	2169840000	2211780000	2233390000	2347070000	2235560000	3
Endrin ketone	3370450000	3244040000	3298880000	3310580000	3284220000	3301630000	1
gamma-BHC (Lindane)	5277490000	4937170000	5003630000	4872450000	4807500000	4979650000	4
gamma-Chlordane	4569600000	4313810000	4409790000	4376470000	4454320000	4424800000	2
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: WALS01
SDG NO.: Q2489
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
4,4'-DDD	5571570000	4977570000	5155470000	5287270000	4651570000	5128690000	7
4,4'-DDE	6739130000	6417050000	6536750000	6411470000	6214030000	6463690000	3
4,4'-DDT	5925140000	5675380000	5791870000	5721480000	5561780000	5735130000	2
Aldrin	7475900000	7172530000	7359270000	7276060000	7194310000	7295610000	2
alpha-BHC	8848150000	8418870000	8584670000	8360580000	7959470000	8434350000	4
alpha-Chlordane	7046040000	6935280000	7064760000	7361960000	9193110000	7520230000	13
beta-BHC	3360940000	3226040000	3388040000	3479970000	3664560000	3423910000	5
Decachlorobiphenyl	4787910000	4666610000	4872180000	5085100000	5520680000	4986500000	7
delta-BHC	8014430000	7644710000	7801450000	7659590000	7389330000	7701900000	3
Dieldrin	6945820000	6673390000	6924870000	6824890000	6727300000	6819260000	2
Endosulfan I	6416060000	6267840000	6569550000	7091990000	9525280000	7174140000	19
Endosulfan II	5847590000	5648280000	5812370000	5897790000	6113420000	5863890000	3
Endosulfan sulfate	5568190000	5412610000	5591840000	5675050000	5874310000	5624400000	3
Endrin	6179120000	5963060000	6145890000	6105230000	6089210000	6096500000	1
Endrin aldehyde	4125070000	4064350000	4267630000	4523470000	5292510000	4454610000	11
Endrin ketone	6162820000	5984650000	6260480000	6351420000	6501850000	6252240000	3
gamma-BHC (Lindane)	8140460000	7776520000	7961280000	7854920000	7646170000	7875870000	2
gamma-Chlordane	7096610000	6910800000	6978800000	6991350000	7120960000	7019700000	1
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:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

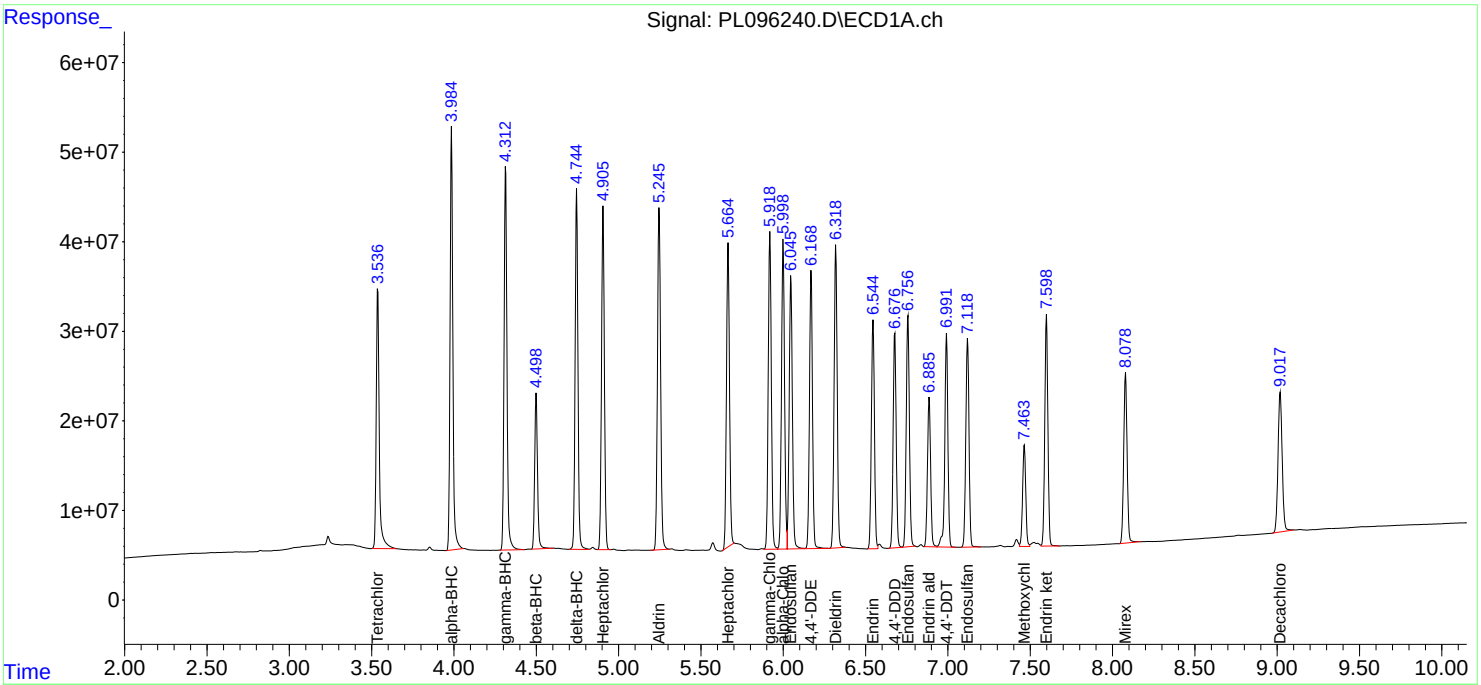
Instrument :
ECD_L
ClientSampleId :
PSTDICC100

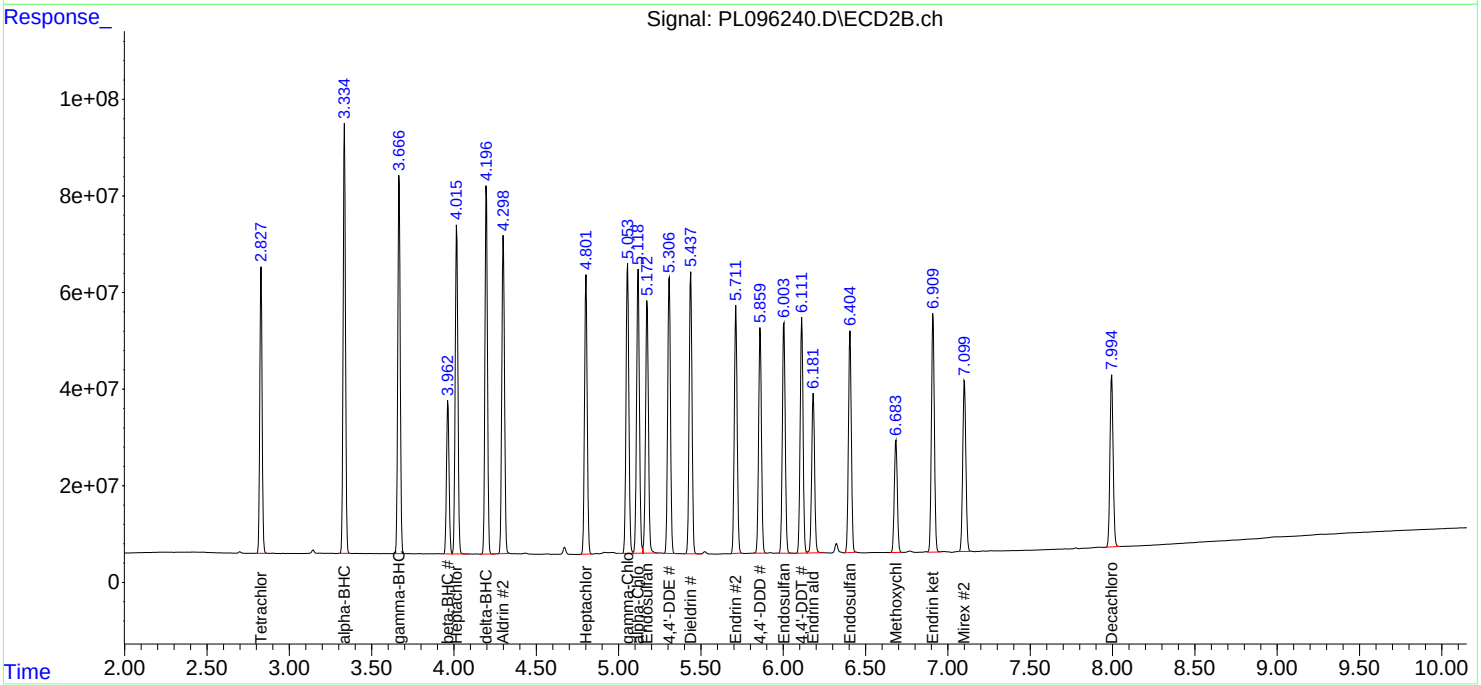
Manual Integrations APPROVED

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

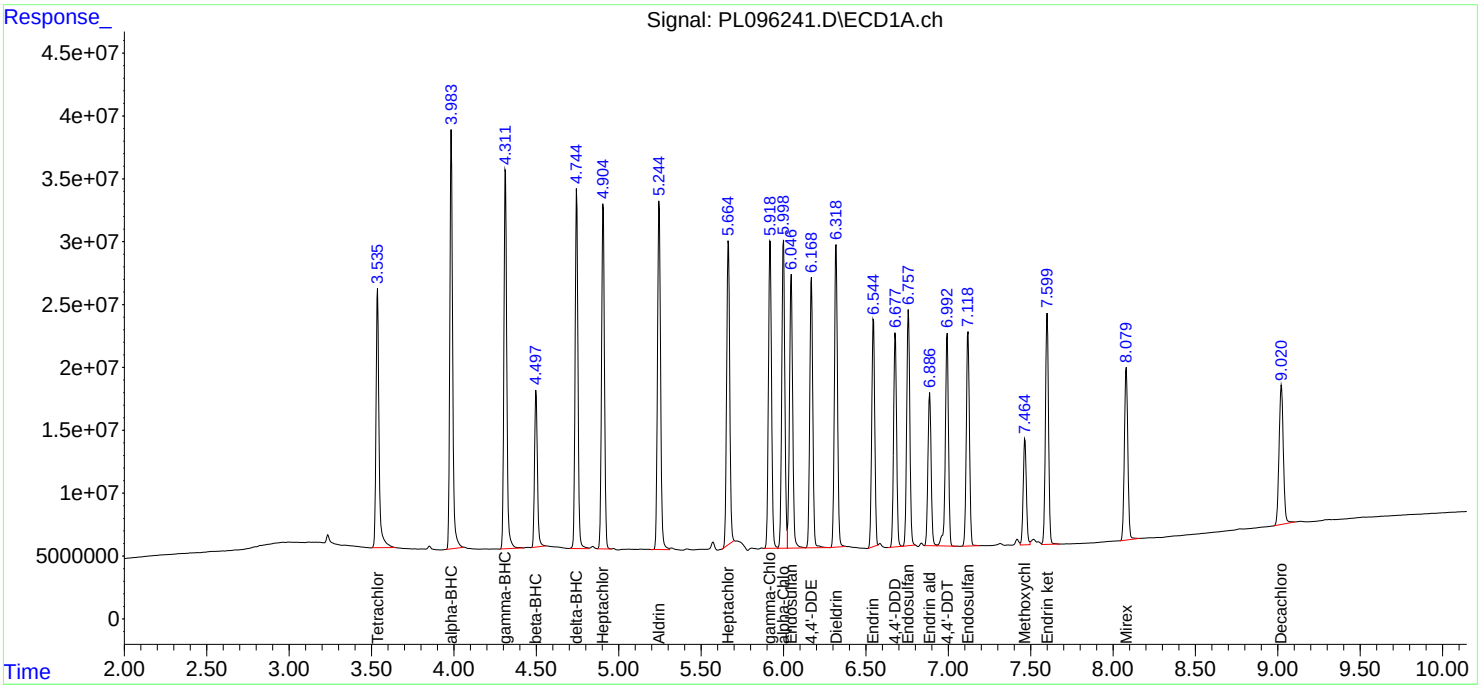
Instrument :
ECD_L
ClientSampleId :
PSTDICC075

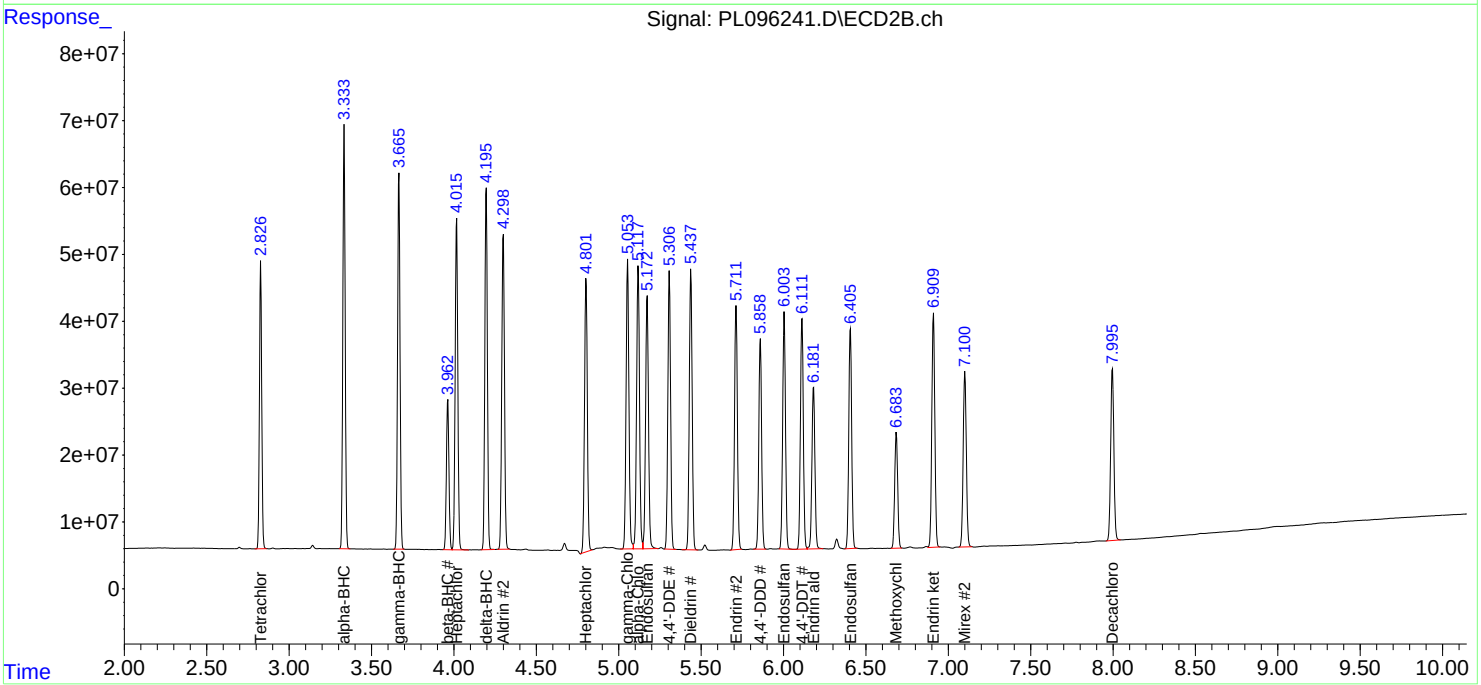
Manual Integrations APPROVED

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.

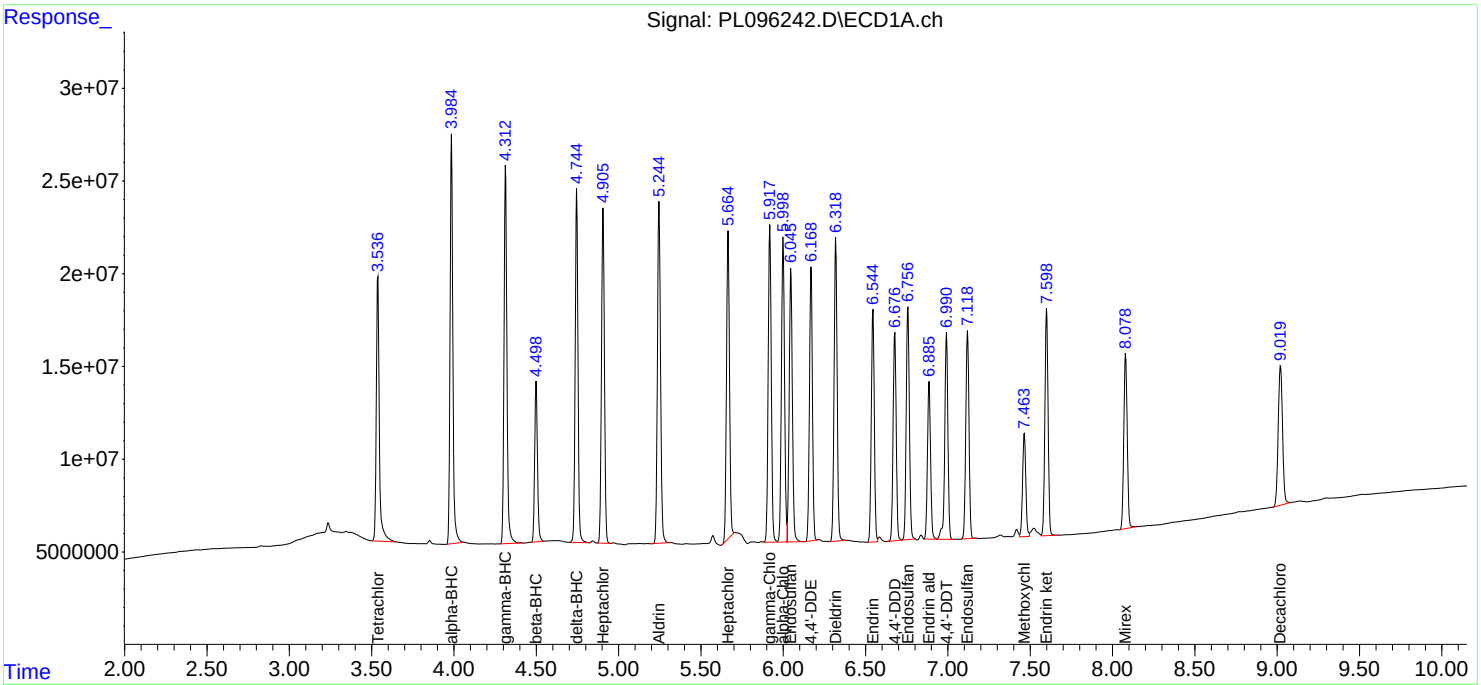
ICAL Form

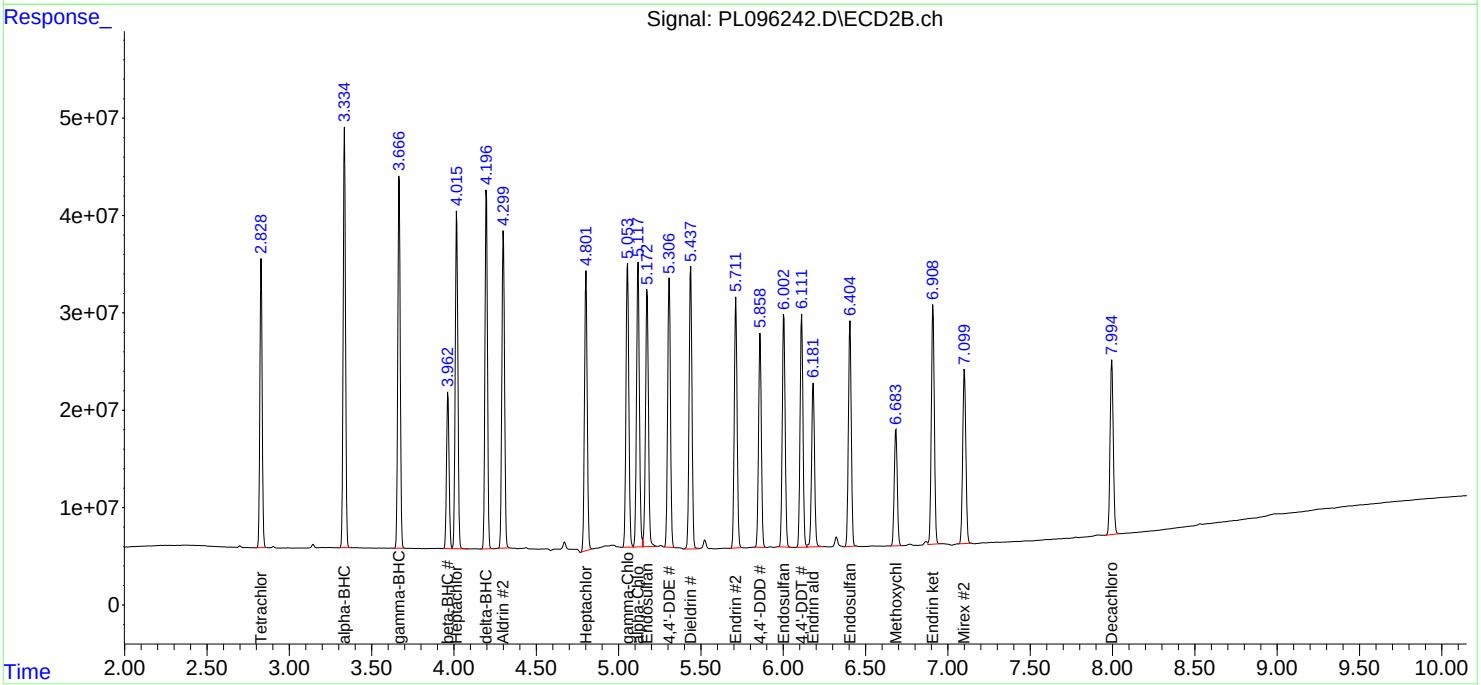
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:22
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

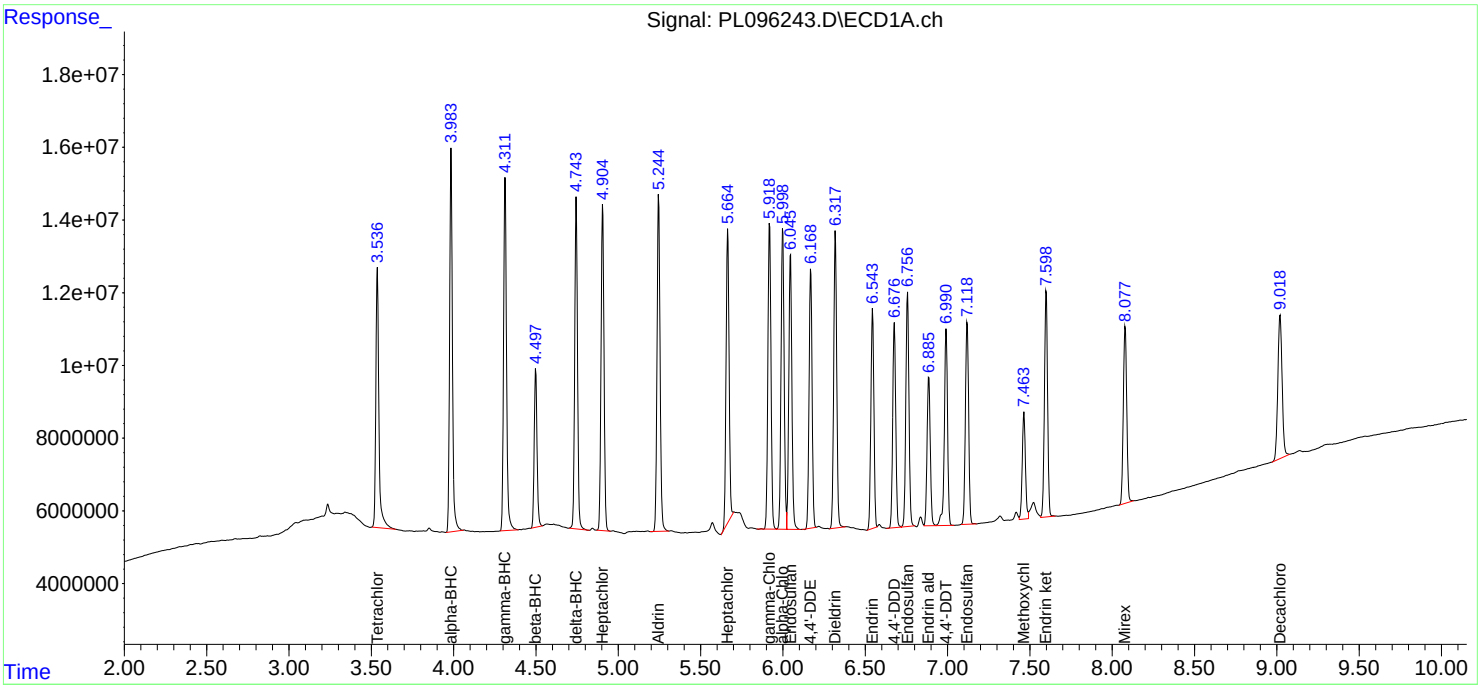
Instrument :
ECD_L
ClientSampleId :
PSTDICC025

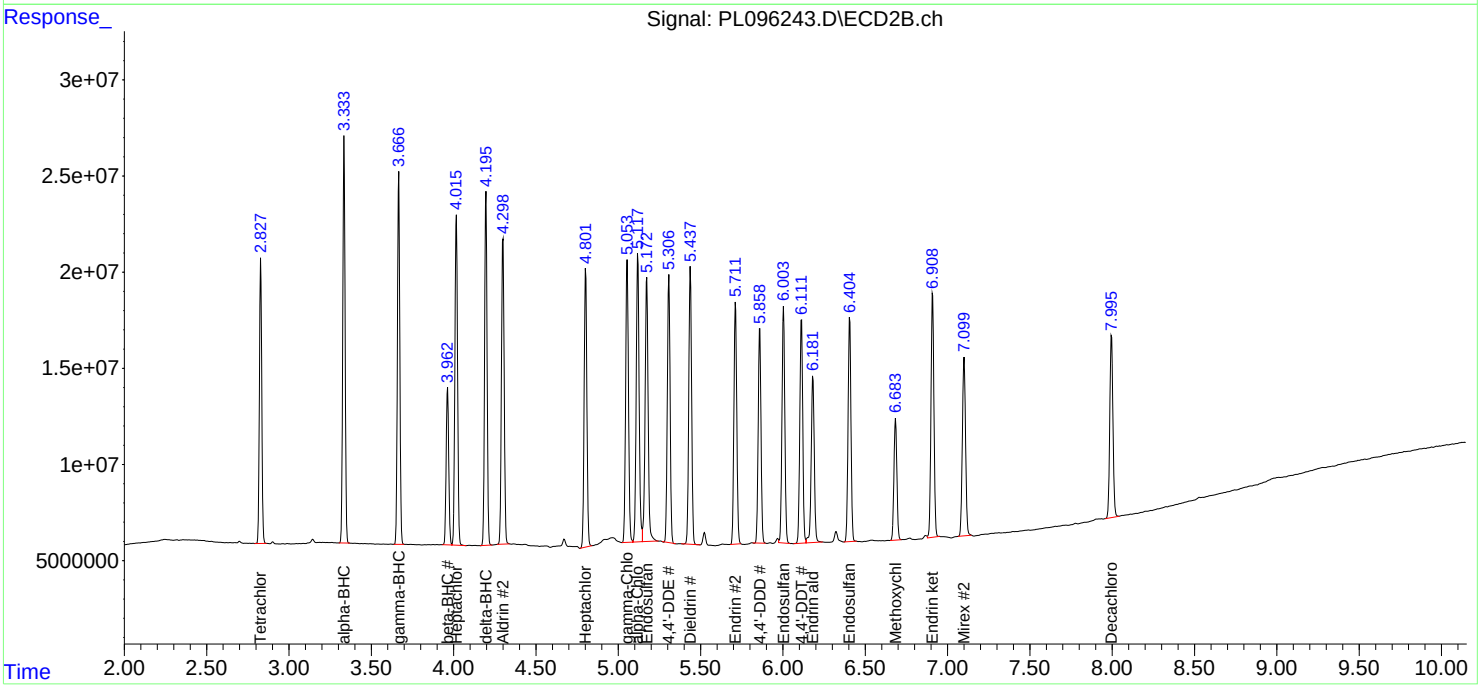
Manual Integrations APPROVED

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

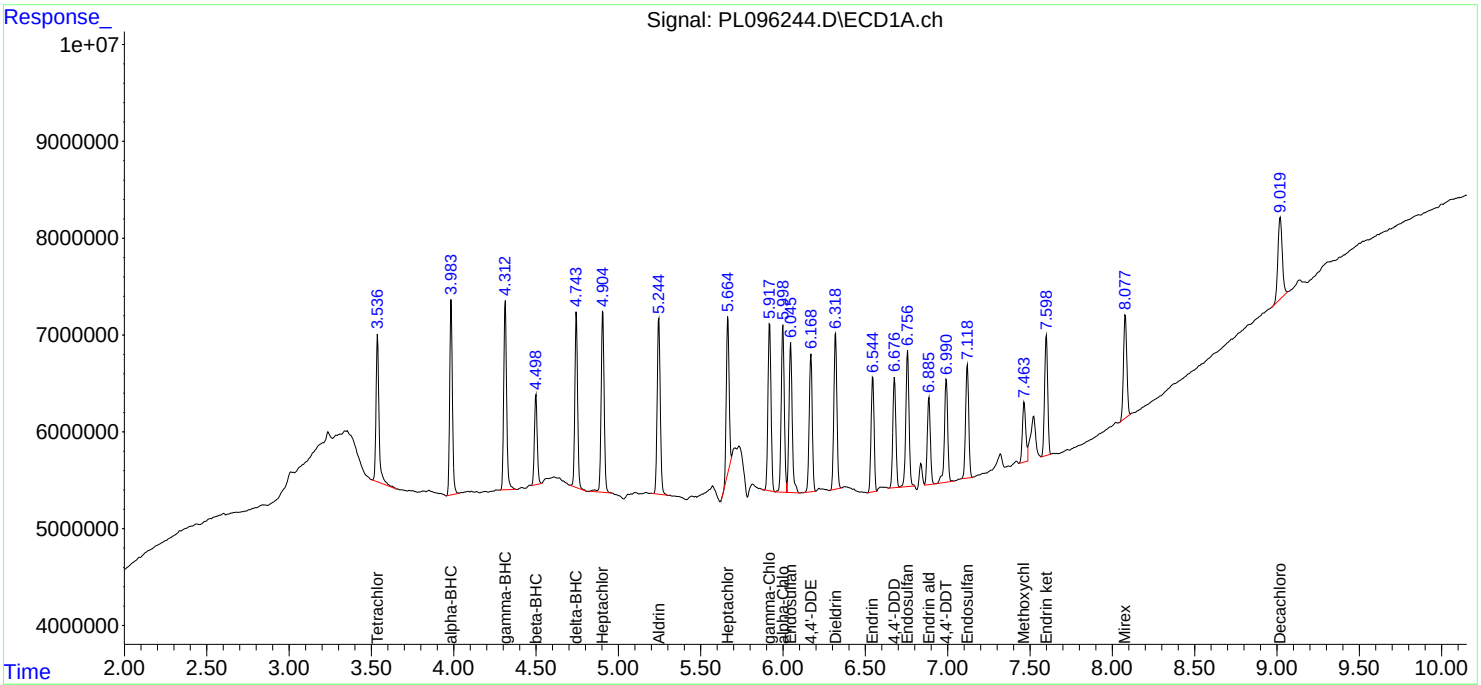
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

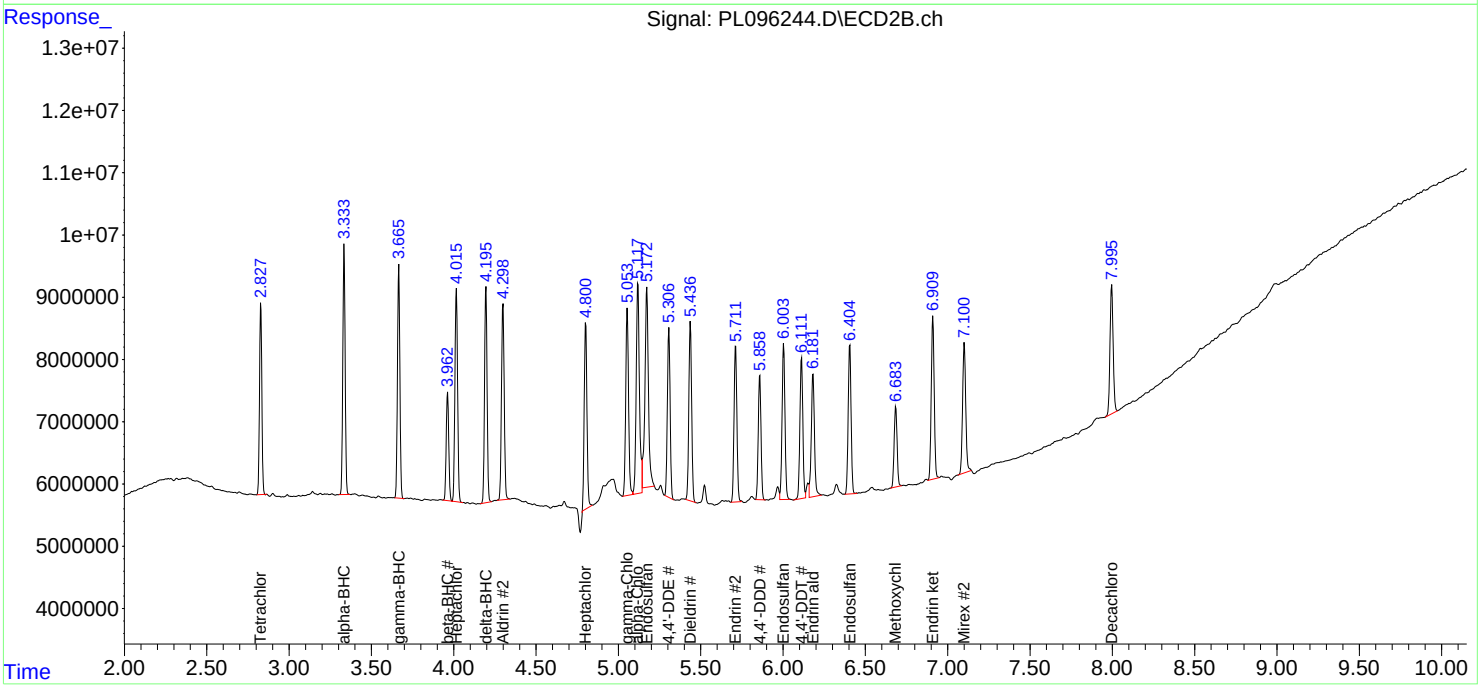
Manual Integrations APPROVED

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.

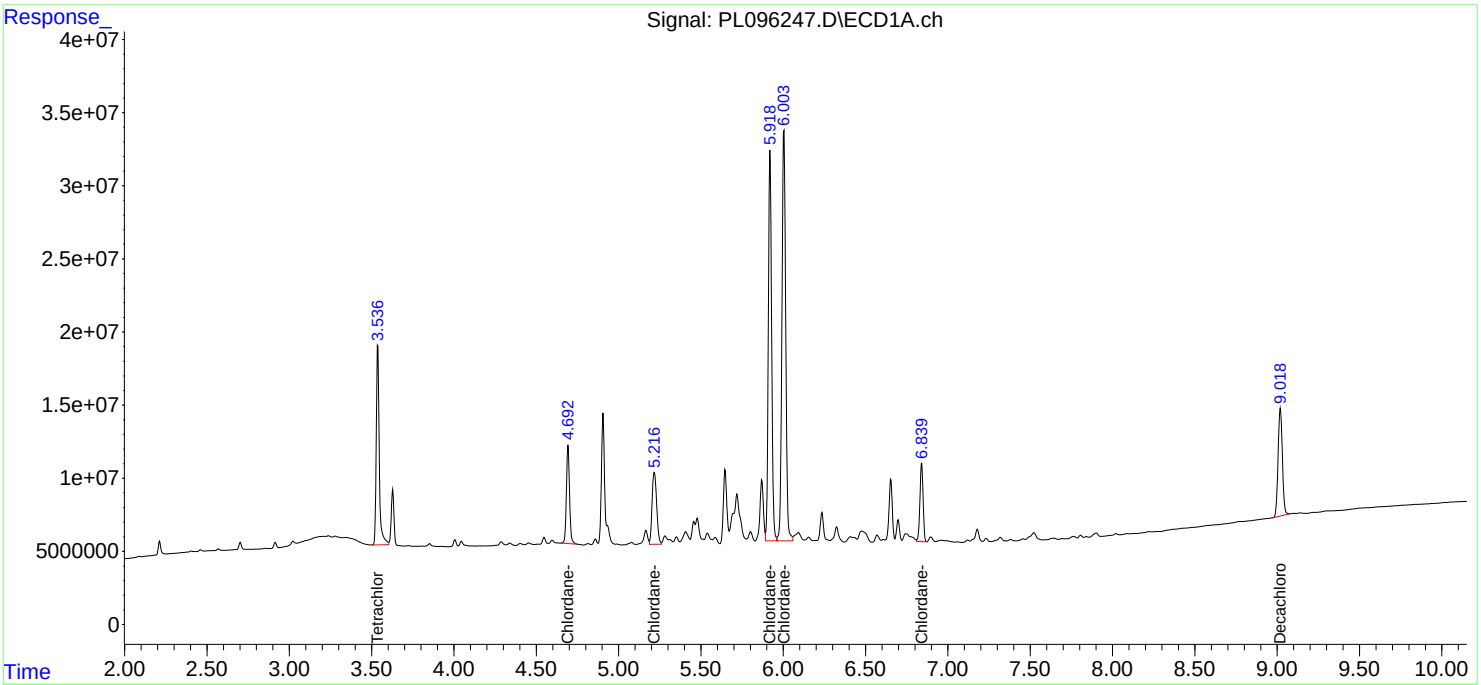
ICAL Form

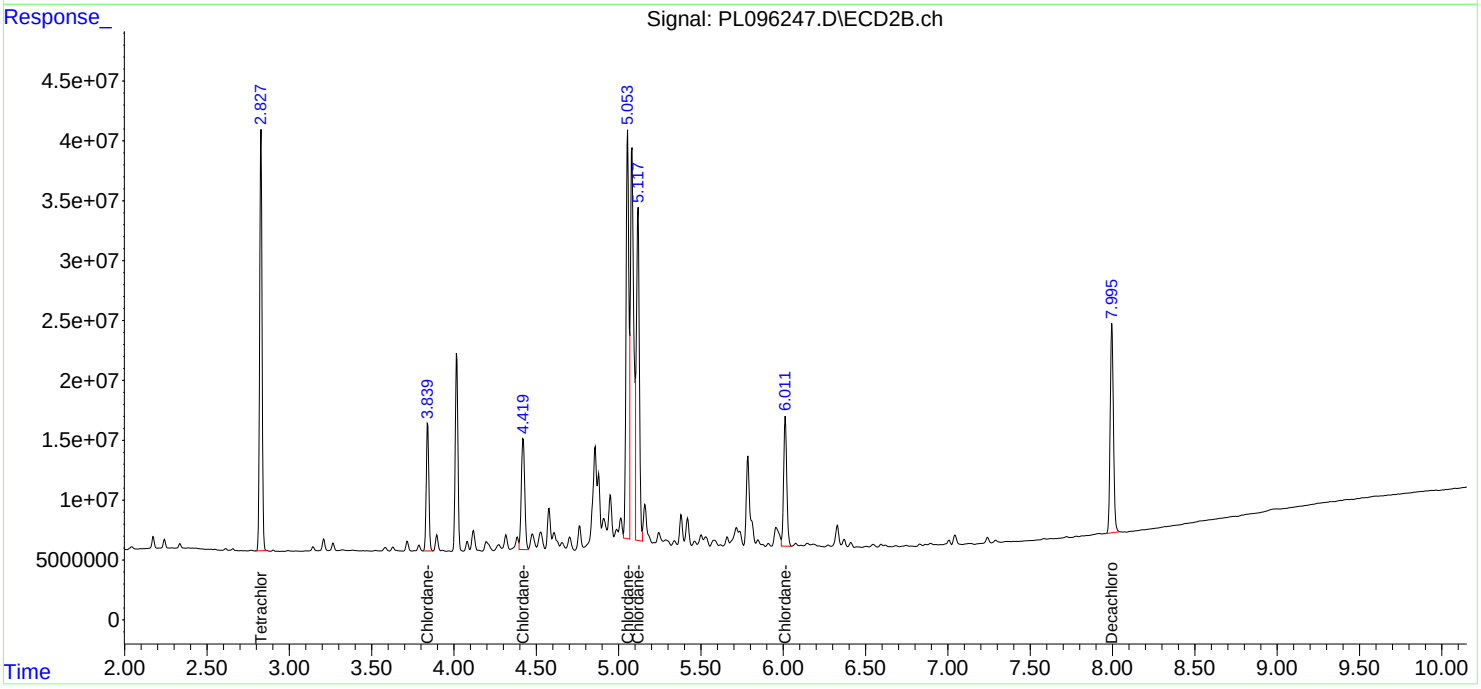
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 12:30
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

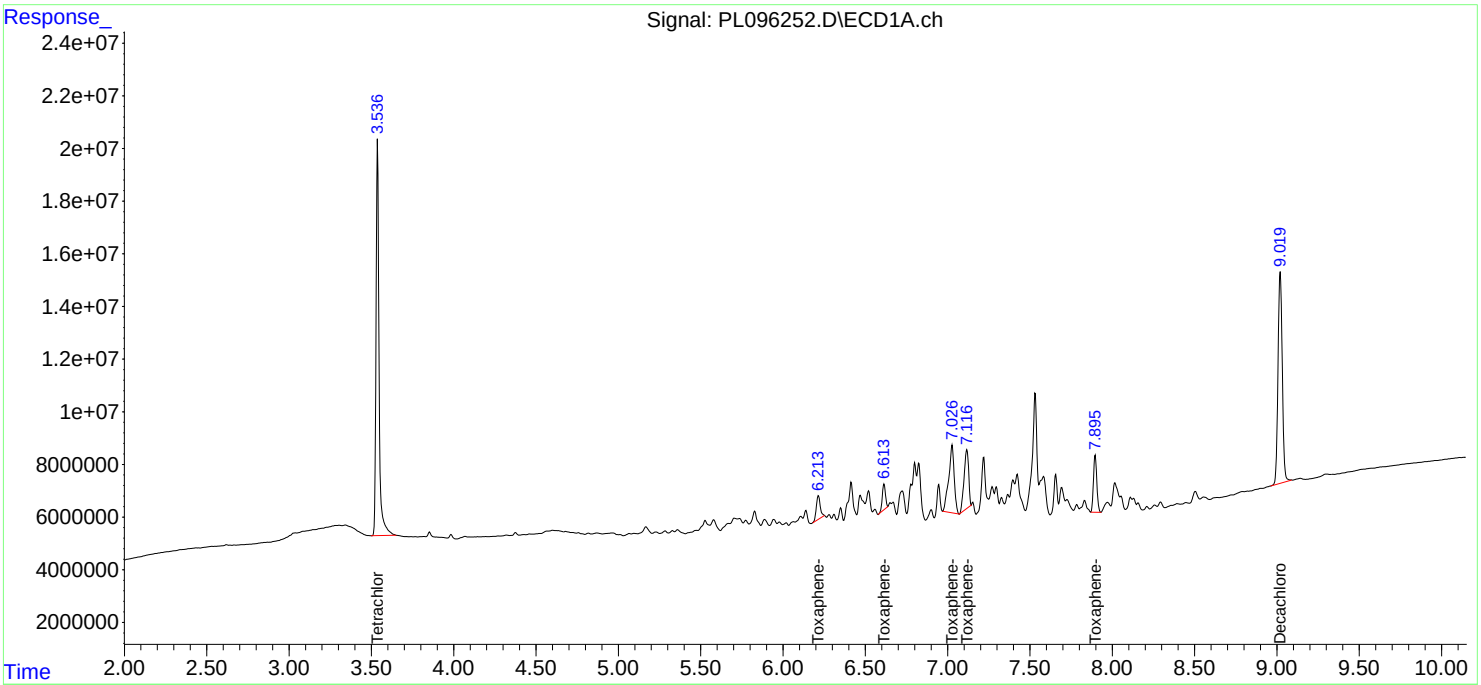
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

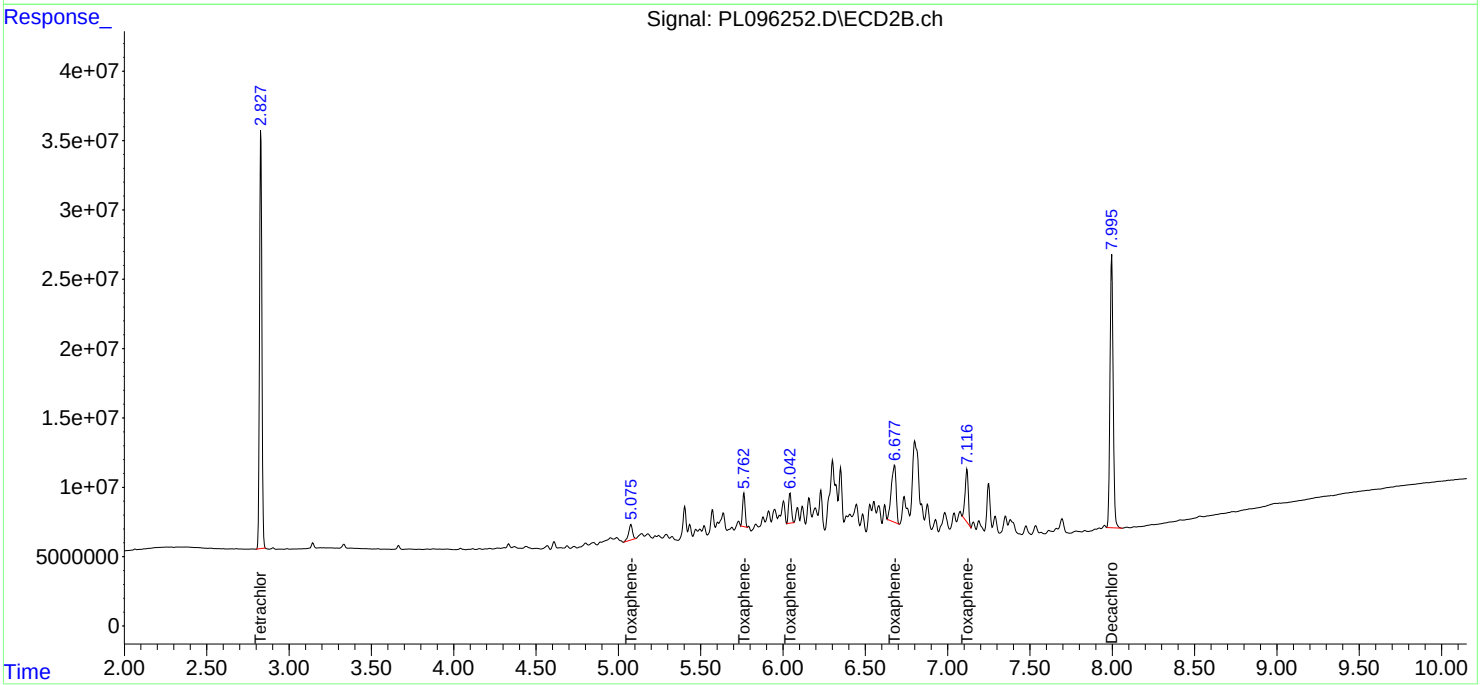
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 13:39
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

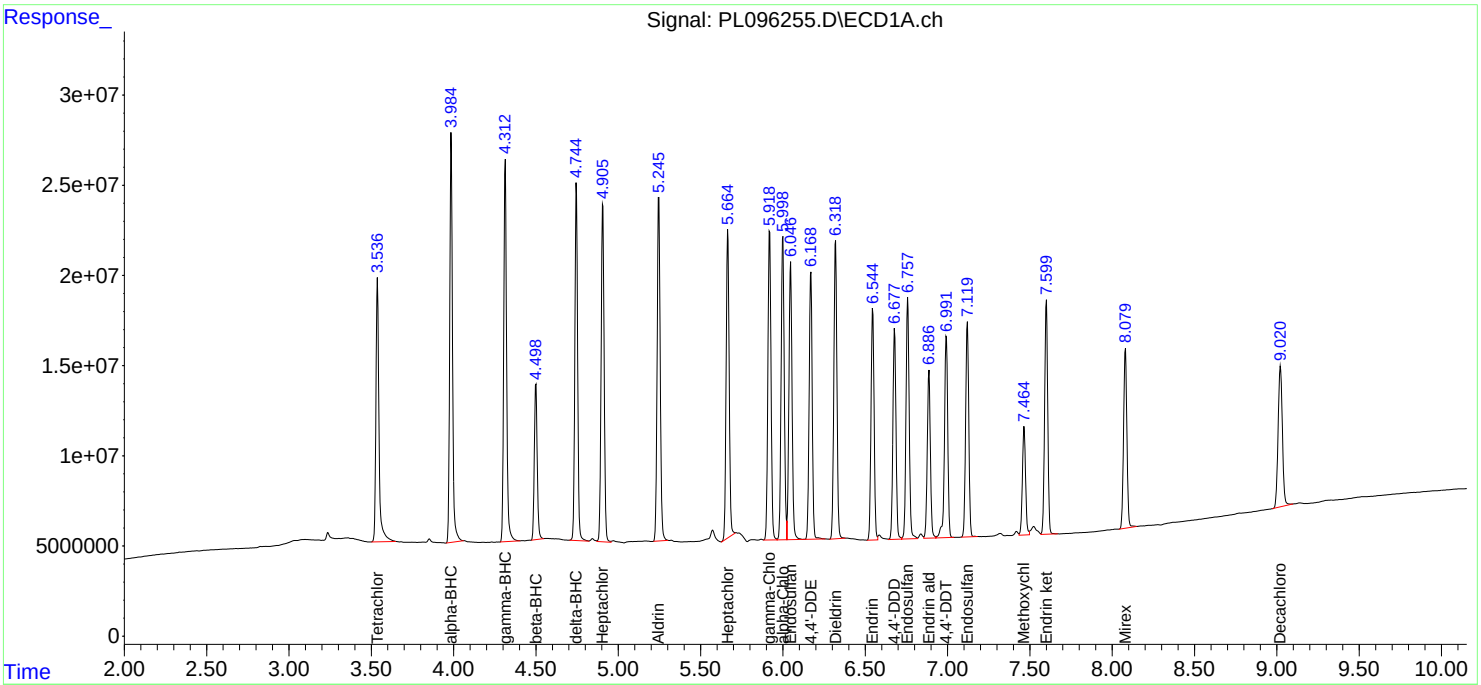
Instrument :
ECD_L
ClientSampleId :
ICVPL070725

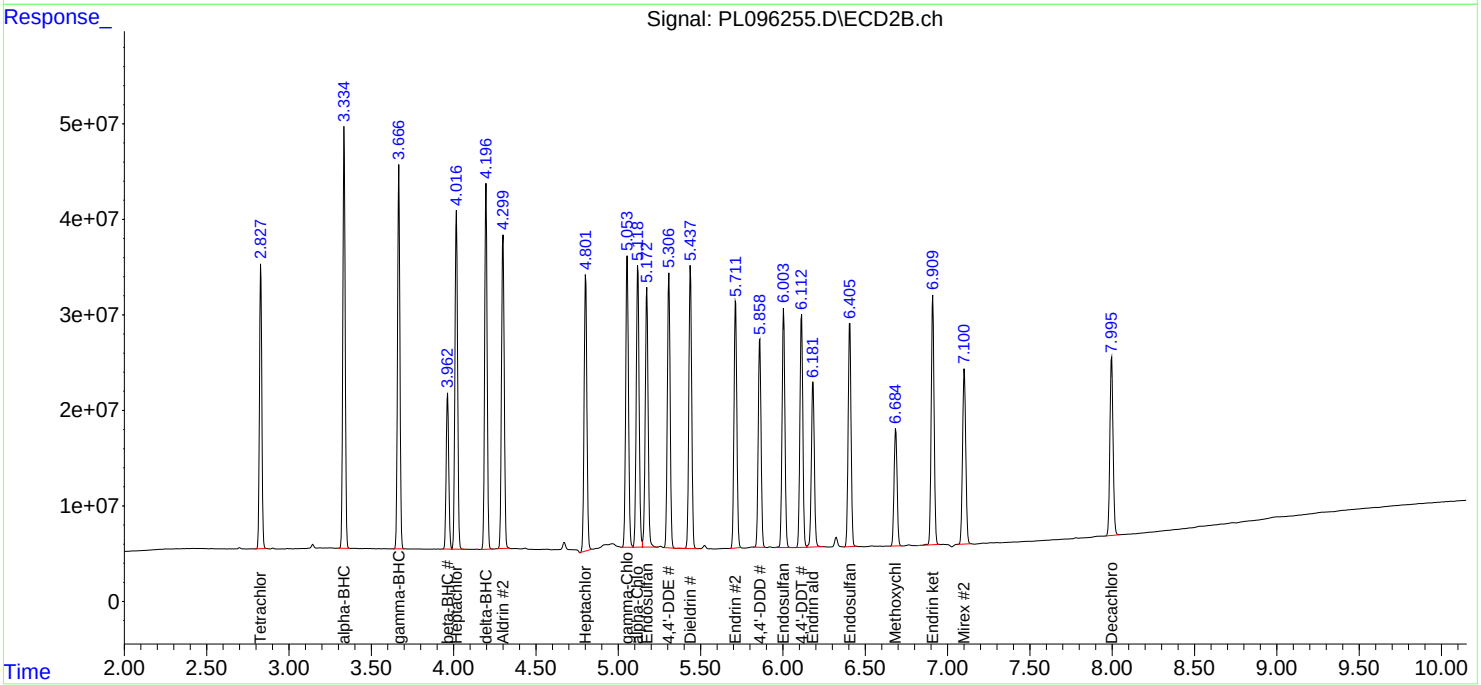
Manual Integrations APPROVED

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

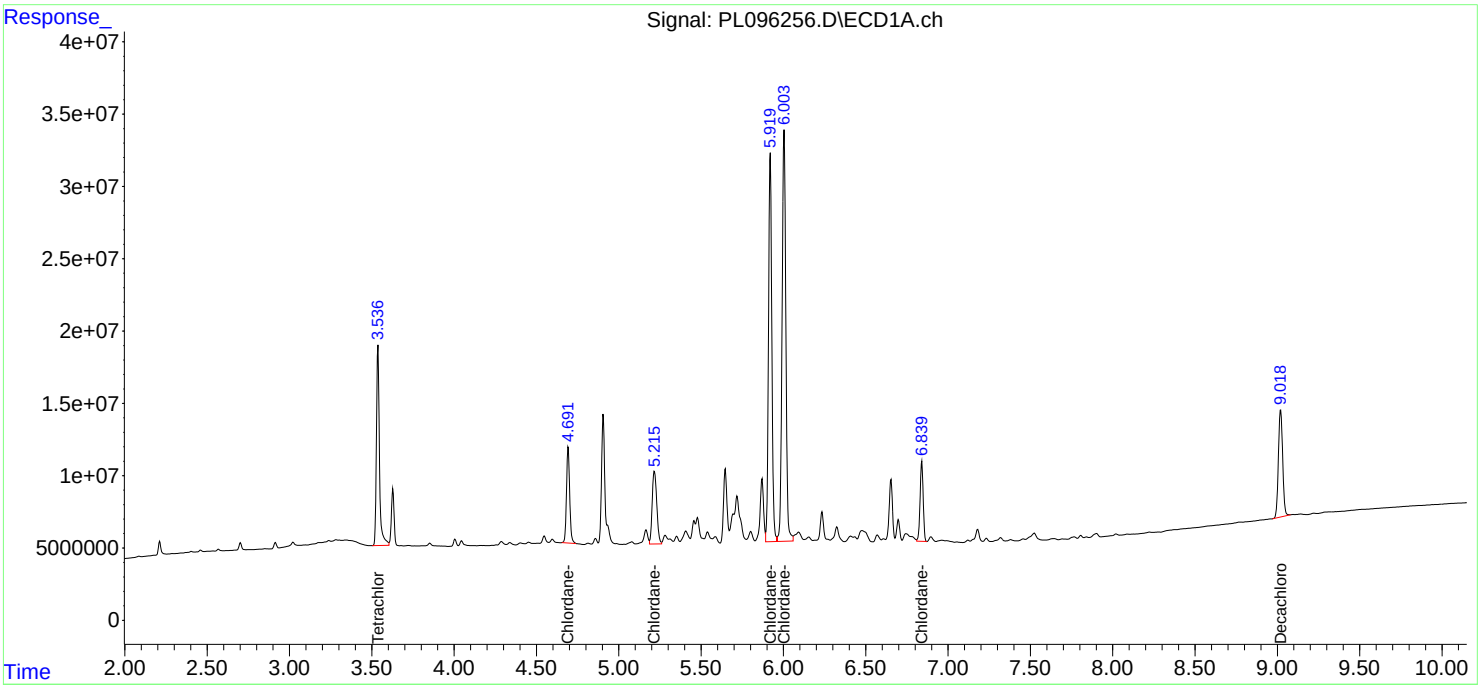
Instrument :
ECD_L
ClientSampleId :
ICVPL070725

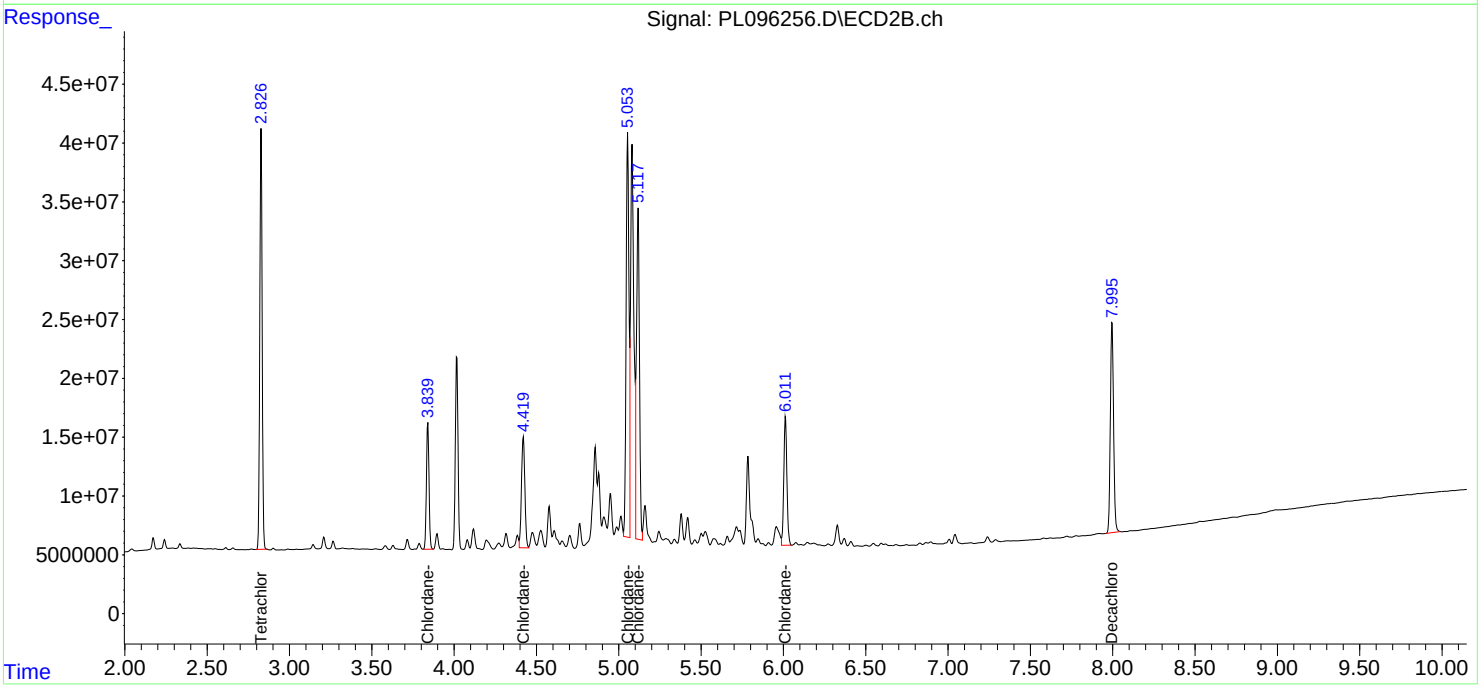
Manual Integrations APPROVED

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

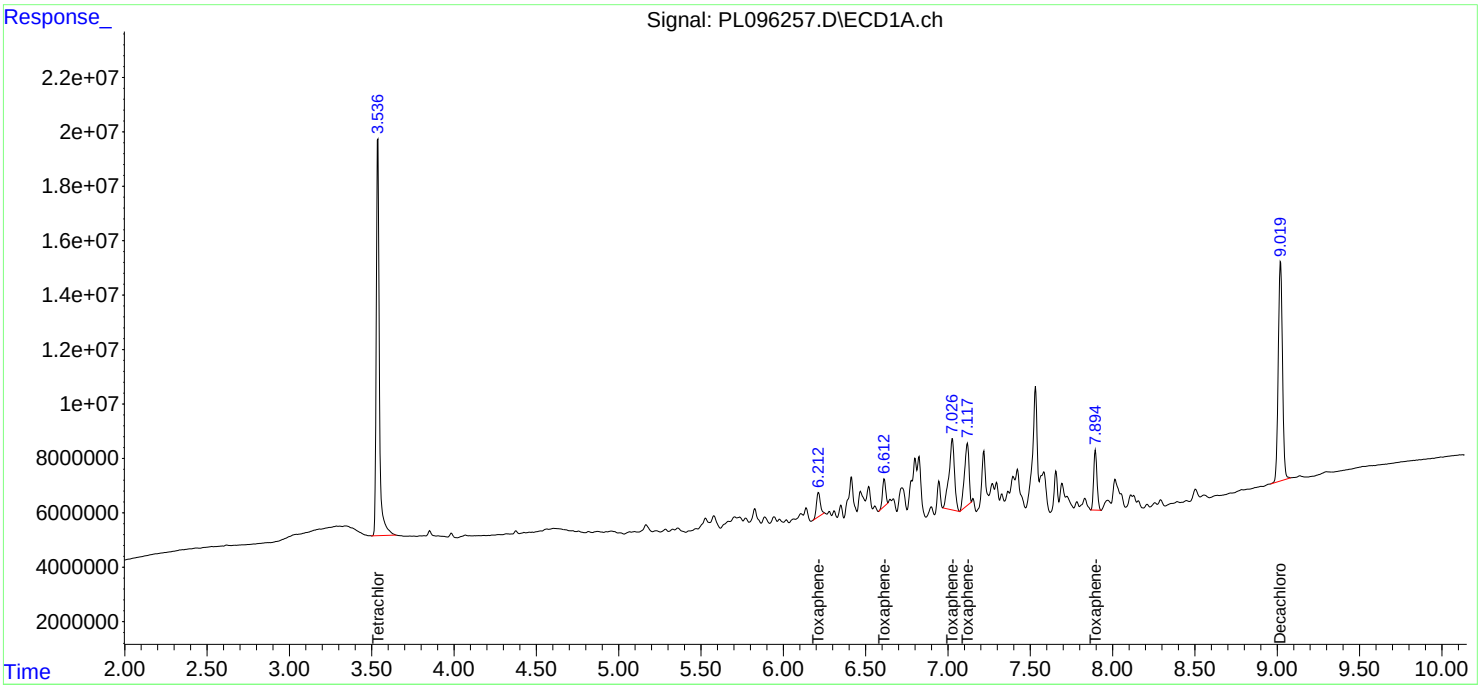
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

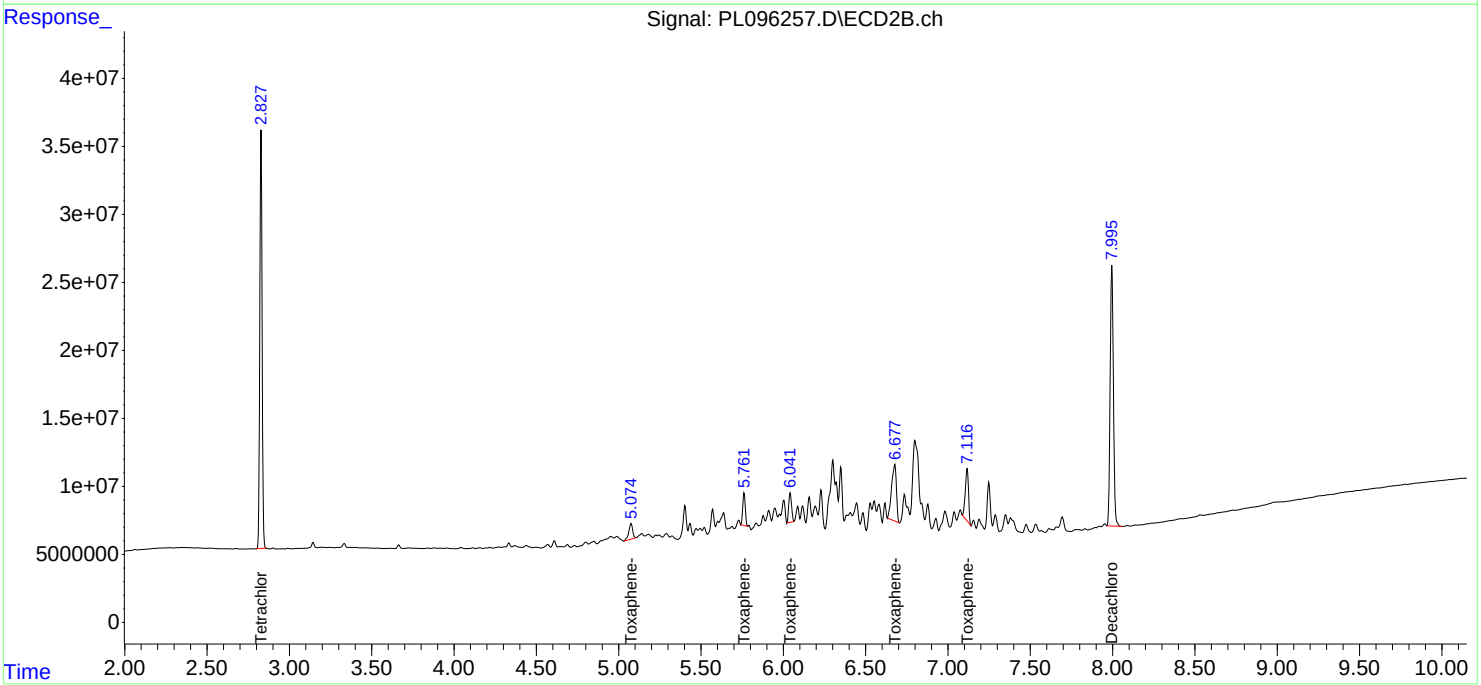
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096257.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 14:47
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

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: **PL096315.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/10/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 17:29 **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
alpha-BHC	3.98	3.99	3.89	4.09	0.01
beta-BHC	4.50	4.50	4.40	4.60	0.00
delta-BHC	4.74	4.75	4.65	4.85	0.01
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.91	4.91	4.81	5.01	0.00
Aldrin	5.24	5.25	5.15	5.35	0.01
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endosulfan I	6.05	6.05	5.95	6.15	0.00
Dieldrin	6.32	6.32	6.22	6.42	0.00
4,4'-DDE	6.17	6.17	6.07	6.27	0.00
Endrin	6.54	6.55	6.45	6.65	0.01
Endosulfan II	6.76	6.76	6.66	6.86	0.00
4,4'-DDD	6.68	6.68	6.58	6.78	0.00
Endosulfan sulfate	7.12	7.12	7.02	7.22	0.00
4,4'-DDT	6.99	6.99	6.89	7.09	0.00
Methoxychlor	7.46	7.46	7.36	7.56	0.00
Endrin ketone	7.60	7.60	7.50	7.70	0.00
Endrin aldehyde	6.89	6.89	6.79	6.99	0.00
alpha-Chlordane	6.00	6.00	5.90	6.10	0.00
gamma-Chlordane	5.92	5.92	5.82	6.02	0.00

Raw Data: **PL096315.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/10/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 17:29 **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	8.00	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
alpha-BHC	3.33	3.34	3.24	3.44	0.01
beta-BHC	3.96	3.96	3.86	4.06	0.00
delta-BHC	4.19	4.20	4.10	4.30	0.01
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.01
Heptachlor	4.02	4.02	3.92	4.12	0.01
Aldrin	4.30	4.30	4.20	4.40	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endosulfan I	5.17	5.17	5.07	5.27	0.00
Dieldrin	5.44	5.44	5.34	5.54	0.00
4,4'-DDE	5.31	5.31	5.21	5.41	0.01
Endrin	5.71	5.71	5.61	5.81	0.00
Endosulfan II	6.00	6.00	5.90	6.10	0.00
4,4'-DDD	5.86	5.86	5.76	5.96	0.00
Endosulfan sulfate	6.40	6.41	6.31	6.51	0.01
4,4'-DDT	6.11	6.11	6.01	6.21	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00
Endrin ketone	6.91	6.91	6.81	7.01	0.00
Endrin aldehyde	6.18	6.18	6.08	6.28	0.00
alpha-Chlordane	5.12	5.12	5.02	5.22	0.00
gamma-Chlordane	5.05	5.05	4.95	5.15	0.00

Raw Data: **PL096315.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No.: CCAL01 **Date Analyzed:** 07/10/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096315.D **Time Analyzed:** 17:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.677	6.578	6.778	55.530	50.000	11.1
4,4'-DDE	6.168	6.069	6.269	51.760	50.000	3.5
4,4'-DDT	6.992	6.892	7.092	51.130	50.000	2.3
Aldrin	5.243	5.146	5.346	52.410	50.000	4.8
alpha-BHC	3.984	3.885	4.085	53.530	50.000	7.1
alpha-Chlordane	5.999	5.900	6.100	52.140	50.000	4.3
beta-BHC	4.498	4.399	4.599	53.160	50.000	6.3
Decachlorobiphenyl	9.021	8.920	9.120	51.270	50.000	2.5
delta-BHC	4.744	4.646	4.846	54.300	50.000	8.6
Dieldrin	6.318	6.219	6.419	52.150	50.000	4.3
Endosulfan I	6.046	5.947	6.147	52.090	50.000	4.2
Endosulfan II	6.757	6.658	6.858	54.660	50.000	9.3
Endosulfan sulfate	7.120	7.019	7.219	53.700	50.000	7.4
Endrin	6.544	6.445	6.645	52.770	50.000	5.5
Endrin aldehyde	6.885	6.786	6.986	59.240	50.000	18.5
Endrin ketone	7.599	7.500	7.700	54.000	50.000	8.0
gamma-BHC (Lindane)	4.312	4.213	4.413	53.440	50.000	6.9
gamma-Chlordane	5.918	5.819	6.019	52.430	50.000	4.9
Heptachlor	4.905	4.806	5.006	54.050	50.000	8.1
Heptachlor epoxide	5.664	5.565	5.765	57.290	50.000	14.6
Methoxychlor	7.464	7.364	7.564	48.930	50.000	-2.1
Tetrachloro-m-xylene	3.536	3.438	3.638	52.140	50.000	4.3

Raw Data: **PL096315.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No.: CCAL01 **Date Analyzed:** 07/10/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096315.D **Time Analyzed:** 17:29

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.858	5.759	5.959	51.400	50.000	2.8
4,4'-DDE	5.305	5.207	5.407	47.200	50.000	-5.6
4,4'-DDT	6.111	6.012	6.212	43.200	50.000	-13.6
Aldrin	4.297	4.200	4.400	47.700	50.000	-4.6
alpha-BHC	3.333	3.235	3.435	47.770	50.000	-4.5
alpha-Chlordane	5.116	5.018	5.218	43.070	50.000	-13.9
beta-BHC	3.961	3.863	4.063	46.890	50.000	-6.2
Decachlorobiphenyl	7.995	7.896	8.096	46.800	50.000	-6.4
delta-BHC	4.194	4.097	4.297	47.540	50.000	-4.9
Dieldrin	5.436	5.338	5.538	47.170	50.000	-5.7
Endosulfan I	5.171	5.073	5.273	40.680	50.000	-18.6
Endosulfan II	6.003	5.904	6.104	46.900	50.000	-6.2
Endosulfan sulfate	6.404	6.306	6.506	46.900	50.000	-6.2
Endrin	5.711	5.612	5.812	44.320	50.000	-11.4
Endrin aldehyde	6.181	6.082	6.282	46.130	50.000	-7.7
Endrin ketone	6.909	6.810	7.010	49.080	50.000	-1.8
gamma-BHC (Lindane)	3.665	3.567	3.767	47.450	50.000	-5.1
gamma-Chlordane	5.052	4.954	5.154	46.970	50.000	-6.1
Heptachlor	4.015	3.917	4.117	46.770	50.000	-6.5
Heptachlor epoxide	4.800	4.702	4.902	46.680	50.000	-6.6
Methoxychlor	6.683	6.584	6.784	43.200	50.000	-13.6
Tetrachloro-m-xylene	2.827	2.729	2.929	46.870	50.000	-6.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 17:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:03:37 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	2.827	190.3E6	270.5E6	52.139	46.867
28) SA	Decachlor...	9.021	7.995	144.2E6	233.4E6	51.273	46.799
	Target Compounds						
2) A	alpha-BHC	3.984	3.333	275.3E6	402.9E6	53.528	47.768
3) MA	gamma-BHC...	4.312	3.665	266.1E6	373.7E6	53.444	47.449
4) MA	Heptachlor	4.905	4.015	247.6E6	355.8E6	54.045	46.770
5) MB	Aldrin	5.243	4.297	253.3E6	348.0E6	52.413m	47.705
6) B	beta-BHC	4.498	3.961	110.5E6	160.6E6	53.164	46.893
7) B	delta-BHC	4.744	4.194	243.3E6	366.1E6	54.297	47.537
8) B	Heptachlo...	5.664	4.800	237.7E6	312.1E6	57.293	46.681
9) A	Endosulfan I	6.046	5.171	210.3E6	291.9E6	52.091	40.684
10) B	gamma-Chl...	5.918	5.052	232.0E6	329.7E6	52.426	46.969
11) B	alpha-Chl...	5.999	5.116	228.3E6	323.9E6	52.144	43.071
12) B	4,4'-DDE	6.168	5.305	191.9E6	305.1E6	51.759	47.202
13) MA	Dieldrin	6.318	5.436	220.5E6	321.6E6	52.148	47.167
14) MA	Endrin	6.544	5.711	164.1E6	270.2E6	52.769	44.324
15) B	Endosulfa...	6.757	6.003	189.7E6	275.0E6	54.663	46.901
16) A	4,4'-DDD	6.677	5.858	161.7E6	263.6E6	55.527	51.400
17) MA	4,4'-DDT	6.992	6.111	155.2E6	247.8E6	51.133	43.204
18) B	Endrin al...	6.885	6.181	132.4E6	205.5E6	59.244m	46.128
19) B	Endosulfa...	7.120	6.404	164.3E6	263.8E6	53.700	46.902
20) A	Methoxychlor	7.464	6.683	77090982	131.2E6	48.934	43.198
21) B	Endrin ke...	7.599	6.909	178.3E6	306.8E6	53.998	49.077
22)	Mirex	8.080	7.100	141.2E6	229.5E6	50.765	46.194

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 17:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

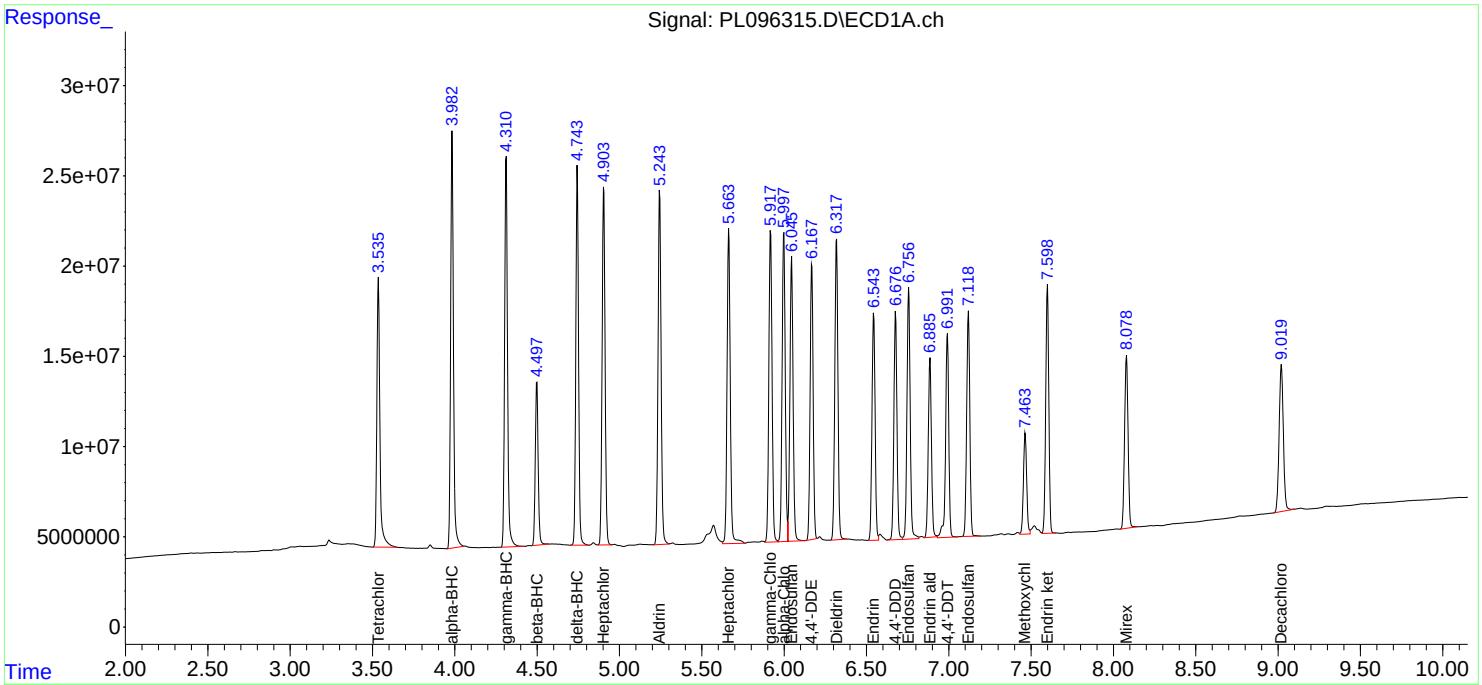
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

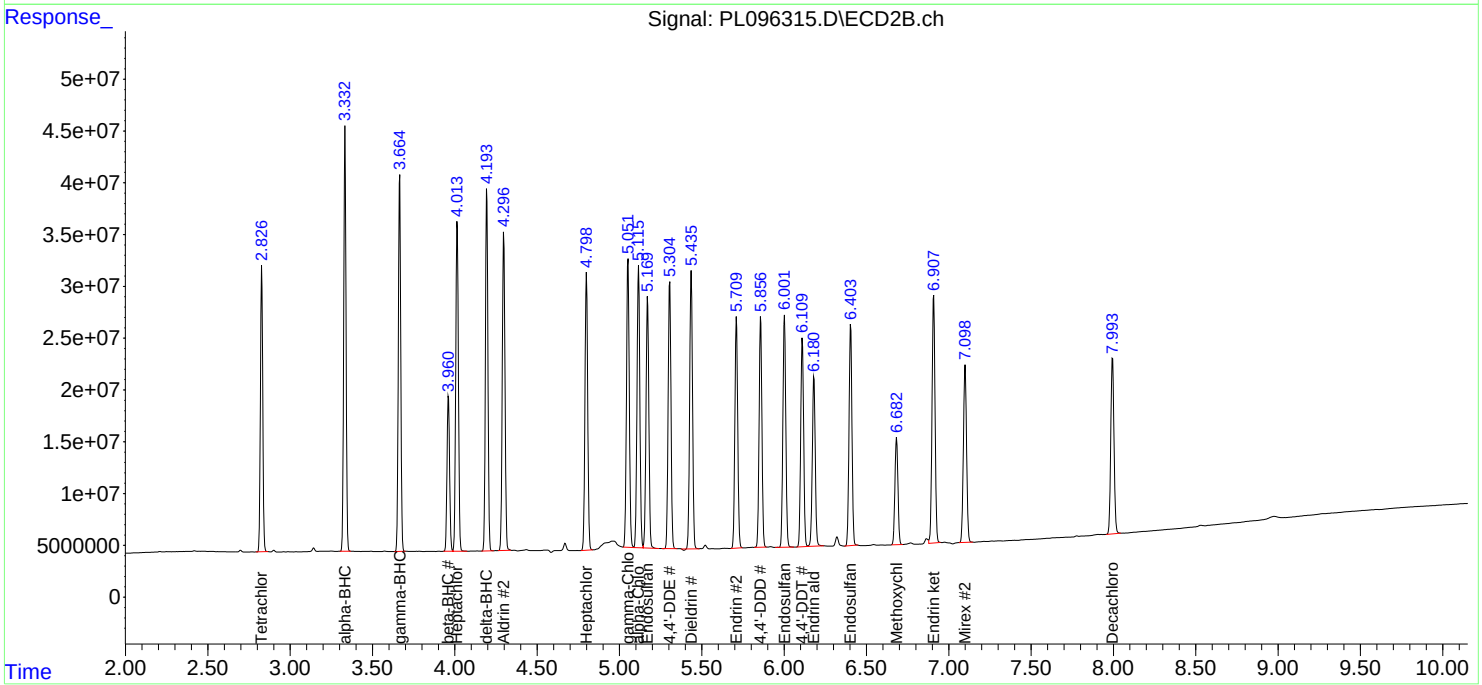
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:03:37 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: **PL096325.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/10/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 20:03 **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
alpha-BHC	3.99	3.99	3.89	4.09	0.01
beta-BHC	4.50	4.50	4.40	4.60	0.00
delta-BHC	4.75	4.75	4.65	4.85	0.00
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.91	4.91	4.81	5.01	0.00
Aldrin	5.25	5.25	5.15	5.35	0.00
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endosulfan I	6.05	6.05	5.95	6.15	0.00
Dieldrin	6.32	6.32	6.22	6.42	0.00
4,4'-DDE	6.17	6.17	6.07	6.27	0.00
Endrin	6.55	6.55	6.45	6.65	0.00
Endosulfan II	6.76	6.76	6.66	6.86	0.00
4,4'-DDD	6.68	6.68	6.58	6.78	0.00
Endosulfan sulfate	7.12	7.12	7.02	7.22	0.00
4,4'-DDT	6.99	6.99	6.89	7.09	0.00
Methoxychlor	7.46	7.46	7.36	7.56	0.00
Endrin ketone	7.60	7.60	7.50	7.70	0.00
Endrin aldehyde	6.89	6.89	6.79	6.99	0.00
alpha-Chlordane	6.00	6.00	5.90	6.10	0.00
gamma-Chlordane	5.92	5.92	5.82	6.02	0.00

Raw Data: **PL096325.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/10/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 20:03 **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	8.00	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
alpha-BHC	3.34	3.34	3.24	3.44	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.00
delta-BHC	4.20	4.20	4.10	4.30	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.00
Heptachlor	4.02	4.02	3.92	4.12	0.00
Aldrin	4.30	4.30	4.20	4.40	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endosulfan I	5.17	5.17	5.07	5.27	0.00
Dieldrin	5.44	5.44	5.34	5.54	0.00
4,4'-DDE	5.31	5.31	5.21	5.41	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Endosulfan II	6.00	6.00	5.90	6.10	0.00
4,4'-DDD	5.86	5.86	5.76	5.96	0.00
Endosulfan sulfate	6.41	6.41	6.31	6.51	0.00
4,4'-DDT	6.11	6.11	6.01	6.21	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00
Endrin ketone	6.91	6.91	6.81	7.01	0.00
Endrin aldehyde	6.18	6.18	6.08	6.28	0.00
alpha-Chlordane	5.12	5.12	5.02	5.22	0.00
gamma-Chlordane	5.05	5.05	4.95	5.15	0.00

Raw Data: **PL096325.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No.: CCAL02 **Date Analyzed:** 07/10/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096325.D **Time Analyzed:** 20:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.677	6.578	6.778	57.540	50.000	15.1
4,4'-DDE	6.169	6.069	6.269	51.940	50.000	3.9
4,4'-DDT	6.991	6.892	7.092	50.370	50.000	0.7
Aldrin	5.246	5.146	5.346	52.630	50.000	5.3
alpha-BHC	3.985	3.885	4.085	53.680	50.000	7.4
alpha-Chlordane	6.000	5.900	6.100	52.700	50.000	5.4
beta-BHC	4.500	4.399	4.599	53.350	50.000	6.7
Decachlorobiphenyl	9.020	8.920	9.120	51.220	50.000	2.4
delta-BHC	4.746	4.646	4.846	54.300	50.000	8.6
Dieldrin	6.319	6.219	6.419	52.450	50.000	4.9
Endosulfan I	6.047	5.947	6.147	52.590	50.000	5.2
Endosulfan II	6.756	6.658	6.858	53.520	50.000	7.0
Endosulfan sulfate	7.120	7.019	7.219	53.590	50.000	7.2
Endrin	6.546	6.445	6.645	52.750	50.000	5.5
Endrin aldehyde	6.885	6.786	6.986	58.600	50.000	17.2
Endrin ketone	7.599	7.500	7.700	54.340	50.000	8.7
gamma-BHC (Lindane)	4.314	4.213	4.413	53.550	50.000	7.1
gamma-Chlordane	5.919	5.819	6.019	53.410	50.000	6.8
Heptachlor	4.906	4.806	5.006	53.850	50.000	7.7
Heptachlor epoxide	5.664	5.565	5.765	55.380	50.000	10.8
Methoxychlor	7.464	7.364	7.564	48.990	50.000	-2.0
Tetrachloro-m-xylene	3.537	3.438	3.638	52.200	50.000	4.4

Raw Data: **PL096325.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No.: CCAL02 **Date Analyzed:** 07/10/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096325.D **Time Analyzed:** 20:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.859	5.759	5.959	50.530	50.000	1.1
4,4'-DDE	5.306	5.207	5.407	45.900	50.000	-8.2
4,4'-DDT	6.111	6.012	6.212	41.290	50.000	-17.4
Aldrin	4.299	4.200	4.400	46.480	50.000	-7.0
alpha-BHC	3.335	3.235	3.435	46.640	50.000	-6.7
alpha-Chlordane	5.117	5.018	5.218	42.030	50.000	-15.9
beta-BHC	3.963	3.863	4.063	45.840	50.000	-8.3
Decachlorobiphenyl	7.995	7.896	8.096	46.100	50.000	-7.8
delta-BHC	4.196	4.097	4.297	46.180	50.000	-7.6
Dieldrin	5.436	5.338	5.538	46.520	50.000	-7.0
Endosulfan I	5.171	5.073	5.273	40.080	50.000	-19.8
Endosulfan II	6.003	5.904	6.104	45.810	50.000	-8.4
Endosulfan sulfate	6.405	6.306	6.506	45.960	50.000	-8.1
Endrin	5.711	5.612	5.812	43.130	50.000	-13.7
Endrin aldehyde	6.181	6.082	6.282	45.190	50.000	-9.6
Endrin ketone	6.909	6.810	7.010	49.040	50.000	-1.9
gamma-BHC (Lindane)	3.667	3.567	3.767	46.350	50.000	-7.3
gamma-Chlordane	5.053	4.954	5.154	45.780	50.000	-8.4
Heptachlor	4.016	3.917	4.117	45.590	50.000	-8.8
Heptachlor epoxide	4.801	4.702	4.902	45.530	50.000	-8.9
Methoxychlor	6.684	6.584	6.784	41.670	50.000	-16.7
Tetrachloro-m-xylene	2.829	2.729	2.929	45.930	50.000	-8.1

Sample Results: **PL096325.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 20:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:38:04 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...	3.537	2.829	190.5E6	265.1E6	52.196	45.926
28) SA	Decachlor...	9.020	7.995	144.1E6	229.9E6	51.218	46.098
	Target Compounds						
2) A	alpha-BHC	3.985	3.335	276.1E6	393.4E6	53.683	46.642
3) MA	gamma-BHC...	4.314	3.667	266.7E6	365.0E6	53.549	46.348
4) MA	Heptachlor	4.906	4.016	246.7E6	346.8E6	53.850	45.585
5) MB	Aldrin	5.246	4.299	254.4E6	339.1E6	52.628	46.478
6) B	beta-BHC	4.500	3.963	110.9E6	157.0E6	53.348	45.840
7) B	delta-BHC	4.746	4.196	243.3E6	355.7E6	54.297	46.185
8) B	Heptachlo...	5.664	4.801	229.8E6	304.4E6	55.379m	45.535
9) A	Endosulfan I	6.047	5.171	212.3E6	287.6E6	52.588	40.084m
10) B	gamma-Chl...	5.919	5.053	236.3E6	321.3E6	53.406	45.778
11) B	alpha-Chl...	6.000	5.117	230.8E6	316.0E6	52.701	42.026
12) B	4,4'-DDE	6.169	5.306	192.6E6	296.7E6	51.942	45.901
13) MA	Dieldrin	6.319	5.436	221.8E6	317.2E6	52.447	46.522m
14) MA	Endrin	6.546	5.711	164.1E6	262.9E6	52.751	43.127
15) B	Endosulfa...	6.756	6.003	185.7E6	268.6E6	53.517m	45.812
16) A	4,4'-DDD	6.677	5.859	167.5E6	259.2E6	57.539	50.530
17) MA	4,4'-DDT	6.991	6.111	152.9E6	236.8E6	50.372	41.289
18) B	Endrin al...	6.885	6.181	131.0E6	201.3E6	58.601m	45.191
19) B	Endosulfa...	7.120	6.405	163.9E6	258.5E6	53.590	45.960
20) A	Methoxychlor	7.464	6.684	77177043	126.6E6	48.989	41.674
21) B	Endrin ke...	7.599	6.909	179.4E6	306.6E6	54.341	49.042
22)	Mirex	8.079	7.100	142.2E6	226.4E6	51.118	45.571

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

Sample Results: **PL096325.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 20:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

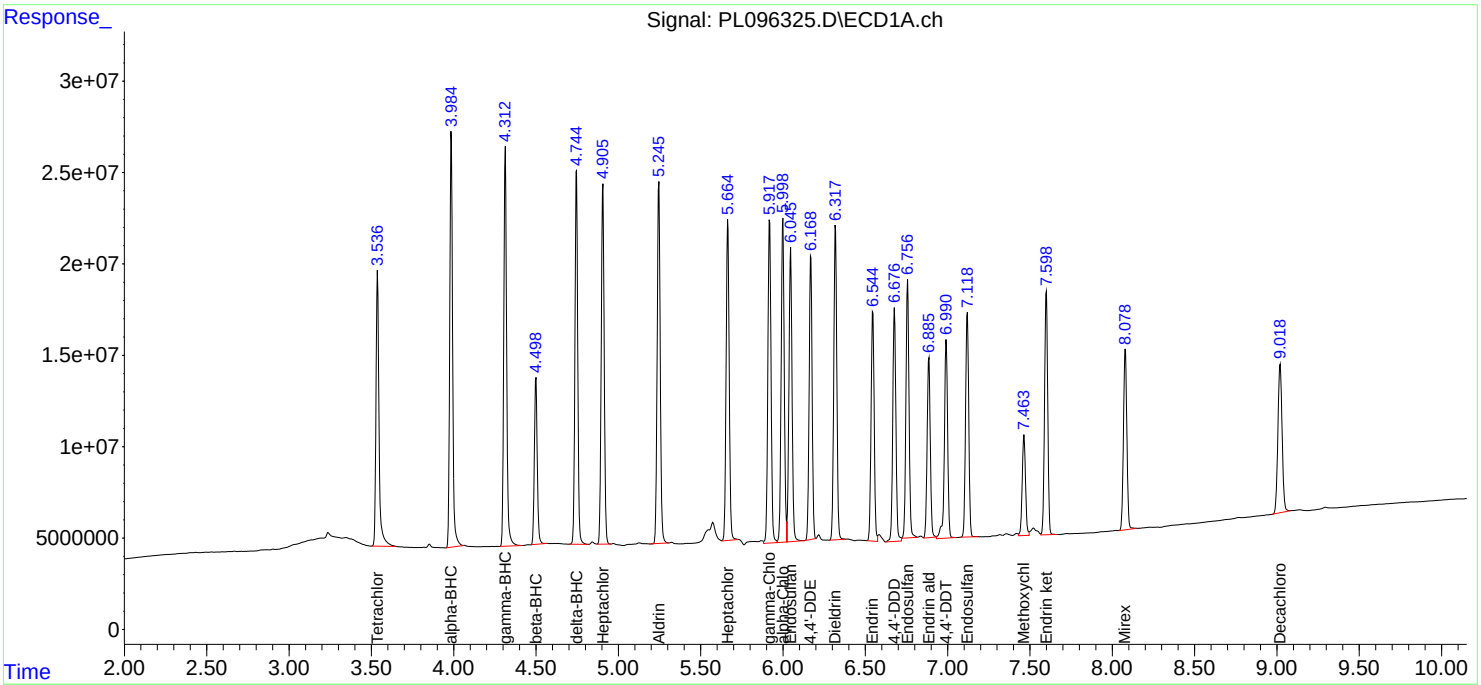
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

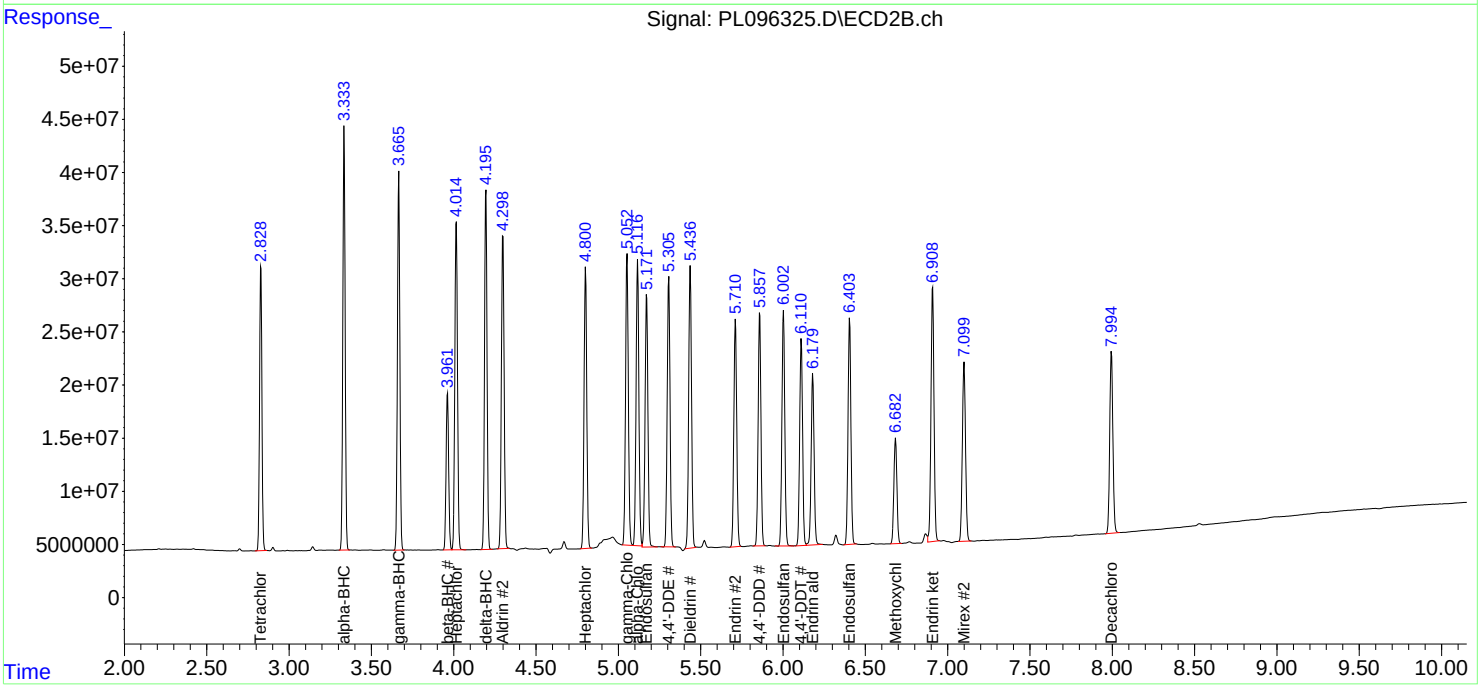
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:38:04 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





Raw Data: **PL096337.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/11/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 00:09 **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
alpha-BHC	3.99	3.99	3.89	4.09	0.01
beta-BHC	4.50	4.50	4.40	4.60	0.00
delta-BHC	4.75	4.75	4.65	4.85	0.01
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.91	4.91	4.81	5.01	0.00
Aldrin	5.25	5.25	5.15	5.35	0.01
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endosulfan I	6.05	6.05	5.95	6.15	0.00
Dieldrin	6.32	6.32	6.22	6.42	0.00
4,4'-DDE	6.17	6.17	6.07	6.27	0.00
Endrin	6.55	6.55	6.45	6.65	0.00
Endosulfan II	6.76	6.76	6.66	6.86	0.00
4,4'-DDD	6.68	6.68	6.58	6.78	0.00
Endosulfan sulfate	7.12	7.12	7.02	7.22	0.00
4,4'-DDT	6.99	6.99	6.89	7.09	0.00
Methoxychlor	7.46	7.46	7.36	7.56	0.00
Endrin ketone	7.60	7.60	7.50	7.70	0.00
Endrin aldehyde	6.88	6.89	6.79	6.99	0.01
alpha-Chlordane	6.00	6.00	5.90	6.10	0.00
gamma-Chlordane	5.92	5.92	5.82	6.02	0.00

Raw Data: **PL096337.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/11/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 00:09 **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	8.00	8.00	7.90	8.10	0.01
Tetrachloro-m-xylene	2.83	2.83	2.73	2.93	0.00
alpha-BHC	3.33	3.34	3.24	3.44	0.01
beta-BHC	3.96	3.96	3.86	4.06	0.00
delta-BHC	4.20	4.20	4.10	4.30	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.00
Heptachlor	4.02	4.02	3.92	4.12	0.00
Aldrin	4.30	4.30	4.20	4.40	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endosulfan I	5.17	5.17	5.07	5.27	0.00
Dieldrin	5.44	5.44	5.34	5.54	0.01
4,4'-DDE	5.31	5.31	5.21	5.41	0.00
Endrin	5.71	5.71	5.61	5.81	0.00
Endosulfan II	6.00	6.00	5.90	6.10	0.00
4,4'-DDD	5.86	5.86	5.76	5.96	0.00
Endosulfan sulfate	6.41	6.41	6.31	6.51	0.00
4,4'-DDT	6.11	6.11	6.01	6.21	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00
Endrin ketone	6.91	6.91	6.81	7.01	0.00
Endrin aldehyde	6.18	6.18	6.08	6.28	0.00
alpha-Chlordane	5.12	5.12	5.02	5.22	0.00
gamma-Chlordane	5.05	5.05	4.95	5.15	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No.: CCAL03 **Date Analyzed:** 07/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096337.D **Time Analyzed:** 00:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.677	6.578	6.778	59.380	50.000	18.8
4,4'-DDE	6.168	6.069	6.269	54.840	50.000	9.7
4,4'-DDT	6.992	6.892	7.092	52.240	50.000	4.5
Aldrin	5.245	5.146	5.346	54.610	50.000	9.2
alpha-BHC	3.985	3.885	4.085	55.800	50.000	11.6
alpha-Chlordane	5.999	5.900	6.100	54.740	50.000	9.5
beta-BHC	4.499	4.399	4.599	54.260	50.000	8.5
Decachlorobiphenyl	9.018	8.920	9.120	59.660	50.000	19.3
delta-BHC	4.745	4.646	4.846	56.370	50.000	12.7
Dieldrin	6.319	6.219	6.419	54.360	50.000	8.7
Endosulfan I	6.046	5.947	6.147	54.890	50.000	9.8
Endosulfan II	6.756	6.658	6.858	55.510	50.000	11.0
Endosulfan sulfate	7.119	7.019	7.219	55.510	50.000	11.0
Endrin	6.545	6.445	6.645	55.040	50.000	10.1
Endrin aldehyde	6.884	6.786	6.986	59.500	50.000	19.0
Endrin ketone	7.599	7.500	7.700	56.600	50.000	13.2
gamma-BHC (Lindane)	4.313	4.213	4.413	55.290	50.000	10.6
gamma-Chlordane	5.918	5.819	6.019	54.930	50.000	9.9
Heptachlor	4.905	4.806	5.006	56.180	50.000	12.4
Heptachlor epoxide	5.663	5.565	5.765	57.590	50.000	15.2
Methoxychlor	7.464	7.364	7.564	50.840	50.000	1.7
Tetrachloro-m-xylene	3.537	3.438	3.638	54.090	50.000	8.2

Raw Data: **PL096337.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No.: CCAL03 **Date Analyzed:** 07/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096337.D **Time Analyzed:** 00:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.859	5.759	5.959	51.150	50.000	2.3
4,4'-DDE	5.306	5.207	5.407	47.110	50.000	-5.8
4,4'-DDT	6.111	6.012	6.212	42.350	50.000	-15.3
Aldrin	4.299	4.200	4.400	47.260	50.000	-5.5
alpha-BHC	3.334	3.235	3.435	47.220	50.000	-5.6
alpha-Chlordane	5.117	5.018	5.218	42.870	50.000	-14.3
beta-BHC	3.962	3.863	4.063	46.160	50.000	-7.7
Decachlorobiphenyl	7.995	7.896	8.096	52.900	50.000	5.8
delta-BHC	4.196	4.097	4.297	47.080	50.000	-5.8
Dieldrin	5.435	5.338	5.538	47.230	50.000	-5.5
Endosulfan I	5.172	5.073	5.273	40.440	50.000	-19.1
Endosulfan II	6.003	5.904	6.104	46.790	50.000	-6.4
Endosulfan sulfate	6.405	6.306	6.506	47.100	50.000	-5.8
Endrin	5.711	5.612	5.812	44.300	50.000	-11.4
Endrin aldehyde	6.181	6.082	6.282	45.740	50.000	-8.5
Endrin ketone	6.909	6.810	7.010	51.240	50.000	2.5
gamma-BHC (Lindane)	3.666	3.567	3.767	46.850	50.000	-6.3
gamma-Chlordane	5.053	4.954	5.154	46.610	50.000	-6.8
Heptachlor	4.016	3.917	4.117	46.090	50.000	-7.8
Heptachlor epoxide	4.801	4.702	4.902	46.570	50.000	-6.9
Methoxychlor	6.684	6.584	6.784	42.670	50.000	-14.7
Tetrachloro-m-xylene	2.829	2.729	2.929	46.390	50.000	-7.2

Sample Results: **PL096337.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 00:09
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:41:03 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...	3.537	2.829	197.4E6	267.7E6	54.088	46.392
28)	SA Decachlor...	9.018	7.995	167.8E6	263.8E6	59.663	52.898
	Target Compounds						
2)	A alpha-BHC	3.985	3.334	287.0E6	398.3E6	55.803	47.222
3)	MA gamma-BHC...	4.313	3.666	275.3E6	369.0E6	55.292	46.847
4)	MA Heptachlor	4.905	4.016	257.4E6	350.6E6	56.182	46.089
5)	MB Aldrin	5.245	4.299	264.0E6	344.8E6	54.613	47.264
6)	B beta-BHC	4.499	3.962	112.8E6	158.0E6	54.261	46.156
7)	B delta-BHC	4.745	4.196	252.6E6	362.6E6	56.369	47.080
8)	B Heptachlo...	5.663	4.801	238.9E6	311.3E6	57.590m	46.568
9)	A Endosulfan I	6.046	5.172	221.6E6	290.1E6	54.890	40.438 #
10)	B gamma-Chl...	5.918	5.053	243.1E6	327.2E6	54.931	46.607
11)	B alpha-Chl...	5.999	5.117	239.7E6	322.4E6	54.743	42.871
12)	B 4,4'-DDE	6.168	5.306	203.3E6	304.5E6	54.840	47.105
13)	MA Dieldrin	6.319	5.435	229.9E6	322.1E6	54.364	47.232m
14)	MA Endrin	6.545	5.711	171.2E6	270.1E6	55.036	44.302
15)	B Endosulfa...	6.756	6.003	192.6E6	274.4E6	55.512m	46.792
16)	A 4,4'-DDD	6.677	5.859	172.9E6	262.3E6	59.383	51.147
17)	MA 4,4'-DDT	6.992	6.111	158.6E6	242.9E6	52.242	42.348
18)	B Endrin al...	6.884	6.181	133.0E6	203.8E6	59.501m	45.741
19)	B Endosulfa...	7.119	6.405	169.8E6	264.9E6	55.513	47.102
20)	A Methoxychlor	7.464	6.684	80092111	129.6E6	50.839	42.669
21)	B Endrin ke...	7.599	6.909	186.9E6	320.4E6	56.603	51.244
22)	Mirex	8.080	7.100	147.1E6	232.1E6	52.862	46.723

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

Sample Results: **PL096337.D**

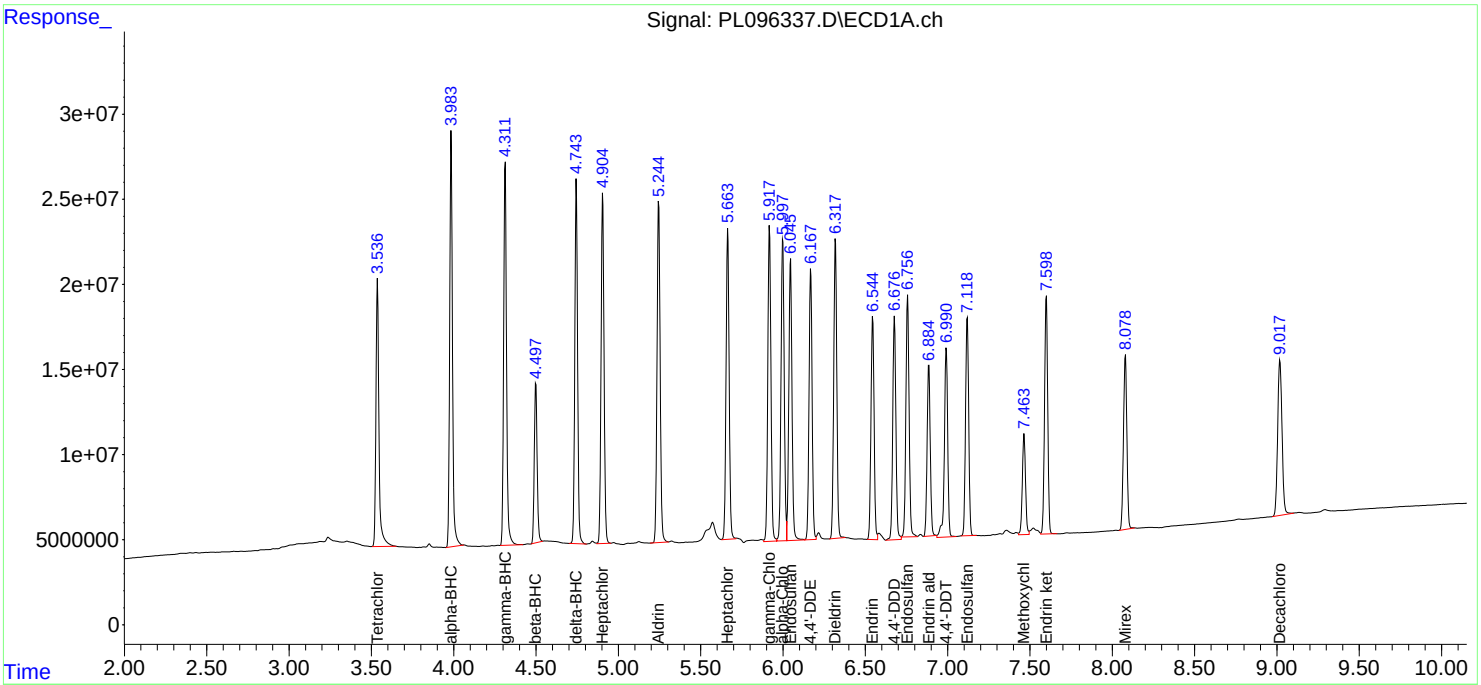
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 00:09
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

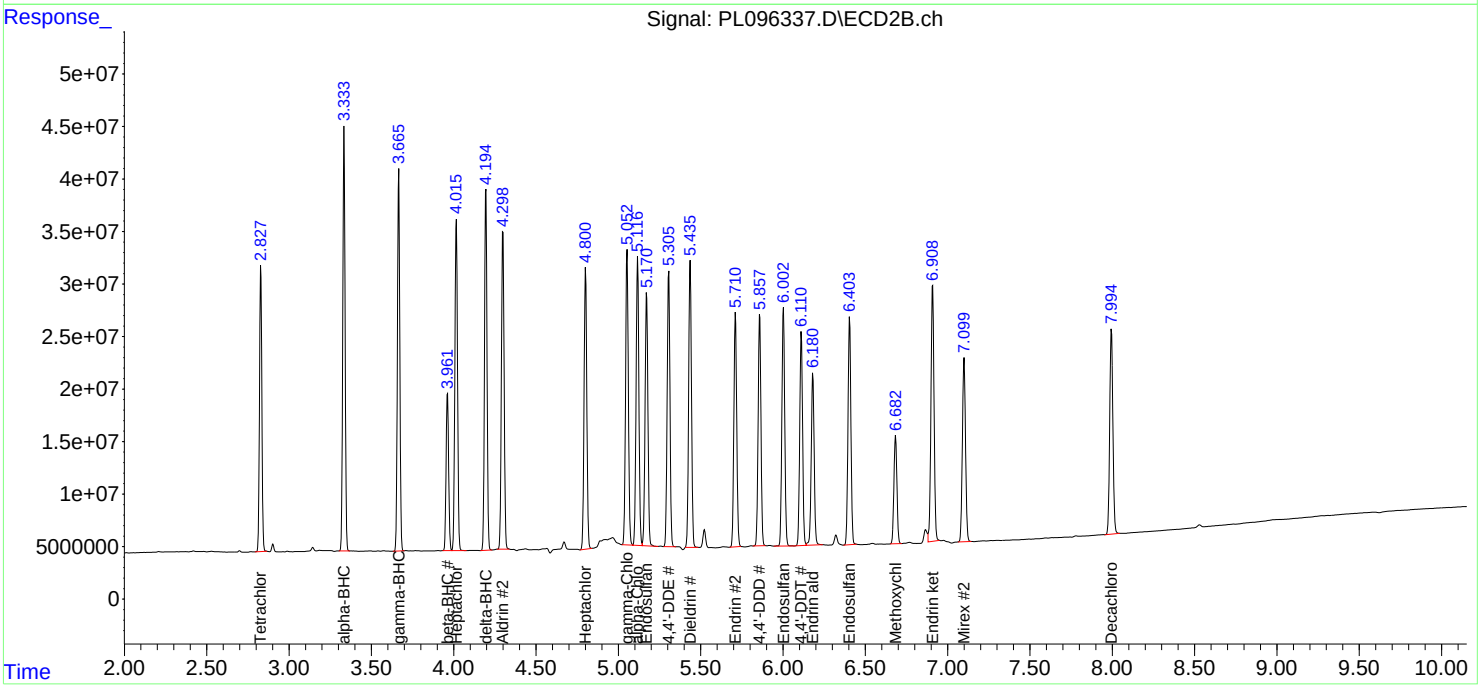
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:41:03 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: **PL096341.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/11/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 15:22 **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
alpha-BHC	3.98	3.99	3.89	4.09	0.01
beta-BHC	4.50	4.50	4.40	4.60	0.00
delta-BHC	4.74	4.75	4.65	4.85	0.01
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.91	4.91	4.81	5.01	0.00
Aldrin	5.25	5.25	5.15	5.35	0.01
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endosulfan I	6.05	6.05	5.95	6.15	0.00
Dieldrin	6.32	6.32	6.22	6.42	0.00
4,4'-DDE	6.17	6.17	6.07	6.27	0.00
Endrin	6.54	6.55	6.45	6.65	0.01
Endosulfan II	6.76	6.76	6.66	6.86	0.00
4,4'-DDD	6.68	6.68	6.58	6.78	0.00
Endosulfan sulfate	7.12	7.12	7.02	7.22	0.00
4,4'-DDT	6.99	6.99	6.89	7.09	0.00
Methoxychlor	7.46	7.46	7.36	7.56	0.00
Endrin ketone	7.60	7.60	7.50	7.70	0.00
Endrin aldehyde	6.88	6.89	6.79	6.99	0.01
alpha-Chlordane	6.00	6.00	5.90	6.10	0.00
gamma-Chlordane	5.92	5.92	5.82	6.02	0.00

Raw Data: **PL096341.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/11/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 15:22 **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
alpha-BHC	3.33	3.34	3.24	3.44	0.01
beta-BHC	3.96	3.96	3.86	4.06	0.00
delta-BHC	4.20	4.20	4.10	4.30	0.00
gamma-BHC (Lindane)	3.67	3.67	3.57	3.77	0.01
Heptachlor	4.02	4.02	3.92	4.12	0.01
Aldrin	4.30	4.30	4.20	4.40	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endosulfan I	5.17	5.17	5.07	5.27	0.00
Dieldrin	5.43	5.44	5.34	5.54	0.01
4,4'-DDE	5.31	5.31	5.21	5.41	0.01
Endrin	5.71	5.71	5.61	5.81	0.00
Endosulfan II	6.00	6.00	5.90	6.10	0.00
4,4'-DDD	5.86	5.86	5.76	5.96	0.00
Endosulfan sulfate	6.40	6.41	6.31	6.51	0.01
4,4'-DDT	6.11	6.11	6.01	6.21	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00
Endrin ketone	6.91	6.91	6.81	7.01	0.00
Endrin aldehyde	6.18	6.18	6.08	6.28	0.00
alpha-Chlordane	5.12	5.12	5.02	5.22	0.00
gamma-Chlordane	5.05	5.05	4.95	5.15	0.00

Raw Data: **PL096341.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No.: CCAL04 **Date Analyzed:** 07/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096341.D **Time Analyzed:** 15:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.677	6.578	6.778	56.770	50.000	13.5
4,4'-DDE	6.169	6.069	6.269	54.720	50.000	9.4
4,4'-DDT	6.991	6.892	7.092	57.480	50.000	15.0
Aldrin	5.245	5.146	5.346	54.540	50.000	9.1
alpha-BHC	3.984	3.885	4.085	55.370	50.000	10.7
alpha-Chlordane	5.998	5.900	6.100	55.040	50.000	10.1
beta-BHC	4.498	4.399	4.599	54.270	50.000	8.5
Decachlorobiphenyl	9.018	8.920	9.120	54.220	50.000	8.4
delta-BHC	4.744	4.646	4.846	53.960	50.000	7.9
Dieldrin	6.318	6.219	6.419	53.720	50.000	7.4
Endosulfan I	6.045	5.947	6.147	54.460	50.000	8.9
Endosulfan II	6.755	6.658	6.858	57.930	50.000	15.9
Endosulfan sulfate	7.119	7.019	7.219	55.140	50.000	10.3
Endrin	6.544	6.445	6.645	58.540	50.000	17.1
Endrin aldehyde	6.884	6.786	6.986	59.740	50.000	19.5
Endrin ketone	7.599	7.500	7.700	54.480	50.000	9.0
gamma-BHC (Lindane)	4.312	4.213	4.413	55.350	50.000	10.7
gamma-Chlordane	5.918	5.819	6.019	53.740	50.000	7.5
Heptachlor	4.905	4.806	5.006	56.270	50.000	12.5
Heptachlor epoxide	5.664	5.565	5.765	57.970	50.000	15.9
Methoxychlor	7.463	7.364	7.564	56.040	50.000	12.1
Tetrachloro-m-xylene	3.536	3.438	3.638	53.660	50.000	7.3

Raw Data: **PL096341.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No.: CCAL04 **Date Analyzed:** 07/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096341.D **Time Analyzed:** 15:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.858	5.759	5.959	49.880	50.000	-0.2
4,4'-DDE	5.305	5.207	5.407	47.260	50.000	-5.5
4,4'-DDT	6.110	6.012	6.212	47.590	50.000	-4.8
Aldrin	4.298	4.200	4.400	47.250	50.000	-5.5
alpha-BHC	3.333	3.235	3.435	46.930	50.000	-6.1
alpha-Chlordane	5.116	5.018	5.218	43.220	50.000	-13.6
beta-BHC	3.961	3.863	4.063	45.790	50.000	-8.4
Decachlorobiphenyl	7.994	7.896	8.096	48.780	50.000	-2.4
delta-BHC	4.195	4.097	4.297	46.630	50.000	-6.7
Dieldrin	5.434	5.338	5.538	47.260	50.000	-5.5
Endosulfan I	5.171	5.073	5.273	40.870	50.000	-18.3
Endosulfan II	6.002	5.904	6.104	47.290	50.000	-5.4
Endosulfan sulfate	6.404	6.306	6.506	47.140	50.000	-5.7
Endrin	5.710	5.612	5.812	47.350	50.000	-5.3
Endrin aldehyde	6.180	6.082	6.282	46.840	50.000	-6.3
Endrin ketone	6.908	6.810	7.010	50.430	50.000	0.9
gamma-BHC (Lindane)	3.665	3.567	3.767	46.770	50.000	-6.5
gamma-Chlordane	5.052	4.954	5.154	46.750	50.000	-6.5
Heptachlor	4.015	3.917	4.117	47.690	50.000	-4.6
Heptachlor epoxide	4.800	4.702	4.902	46.550	50.000	-6.9
Methoxychlor	6.683	6.584	6.784	47.910	50.000	-4.2
Tetrachloro-m-xylene	2.827	2.729	2.929	45.670	50.000	-8.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 15:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:49:19 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	2.827	195.8E6	263.6E6	53.664	45.671
28)	SA Decachlor...	9.018	7.994	152.5E6	243.3E6	54.219	48.782
	Target Compounds						
2)	A alpha-BHC	3.984	3.333	284.8E6	395.8E6	55.374	46.933
3)	MA gamma-BHC...	4.312	3.665	275.6E6	368.3E6	55.354	46.768
4)	MA Heptachlor	4.905	4.015	257.8E6	362.8E6	56.266	47.687
5)	MB Aldrin	5.245	4.298	263.6E6	344.7E6	54.543	47.246
6)	B beta-BHC	4.498	3.961	112.8E6	156.8E6	54.267	45.793
7)	B delta-BHC	4.744	4.195	241.8E6	359.1E6	53.958	46.627
8)	B Heptachlo...	5.664	4.800	240.5E6	311.2E6	57.970	46.548
9)	A Endosulfan I	6.045	5.171	219.9E6	293.2E6	54.458	40.867
10)	B gamma-Chl...	5.918	5.052	237.8E6	328.2E6	53.741	46.750
11)	B alpha-Chl...	5.998	5.116	241.0E6	325.0E6	55.039	43.219
12)	B 4,4'-DDE	6.169	5.305	202.9E6	305.5E6	54.725	47.258
13)	MA Dieldrin	6.318	5.434	227.2E6	322.3E6	53.721	47.264m
14)	MA Endrin	6.544	5.710	182.1E6	288.7E6	58.535	47.347
15)	B Endosulfa...	6.755	6.002	201.0E6	277.3E6	57.926m	47.291
16)	A 4,4'-DDD	6.677	5.858	165.3E6	255.8E6	56.769	49.881
17)	MA 4,4'-DDT	6.991	6.110	174.5E6	273.0E6	57.484	47.593
18)	B Endrin al...	6.884	6.180	133.5E6	208.7E6	59.736m	46.842
19)	B Endosulfa...	7.119	6.404	168.7E6	265.1E6	55.143	47.136
20)	A Methoxychlor	7.463	6.683	88280219	145.6E6	56.037	47.915
21)	B Endrin ke...	7.599	6.908	179.9E6	315.3E6	54.482	50.434
22)	Mirex	8.078	7.099	151.3E6	236.6E6	54.368	47.630

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

Sample Results: **PL096341.D**

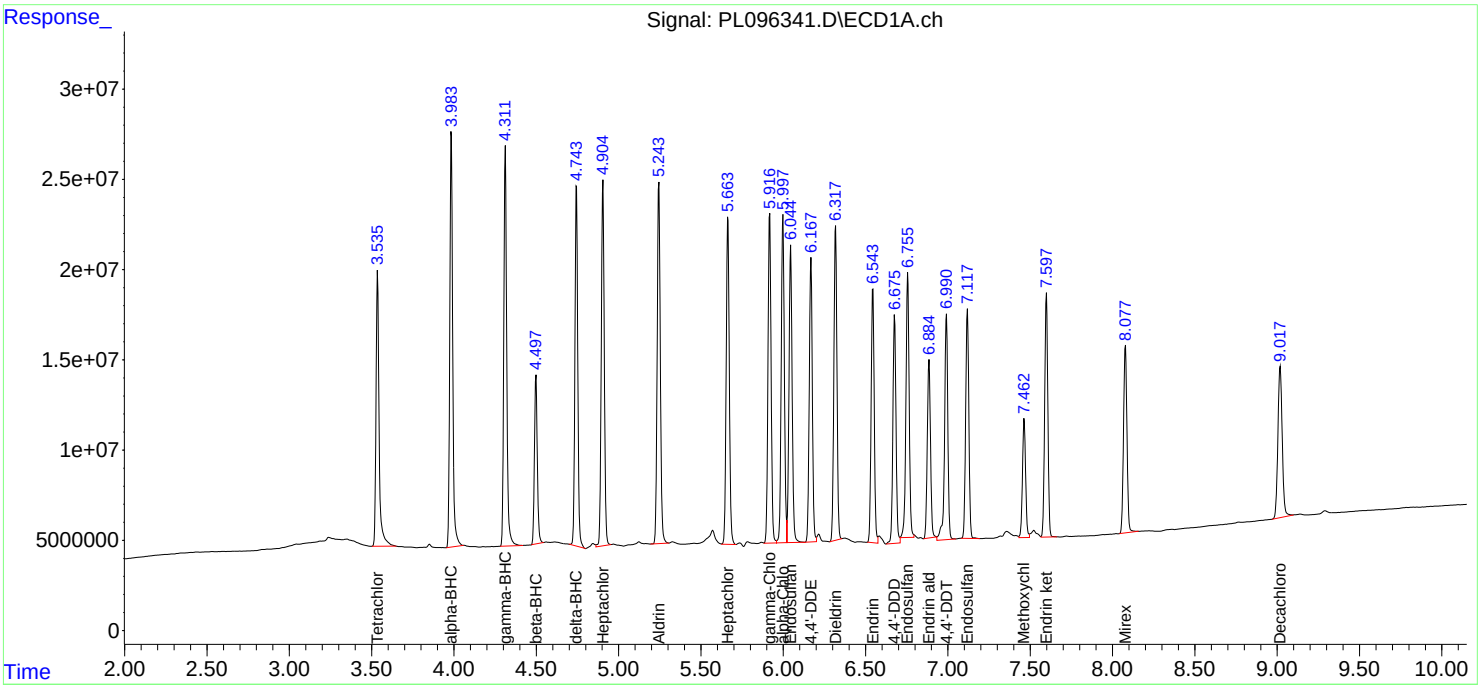
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 15:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

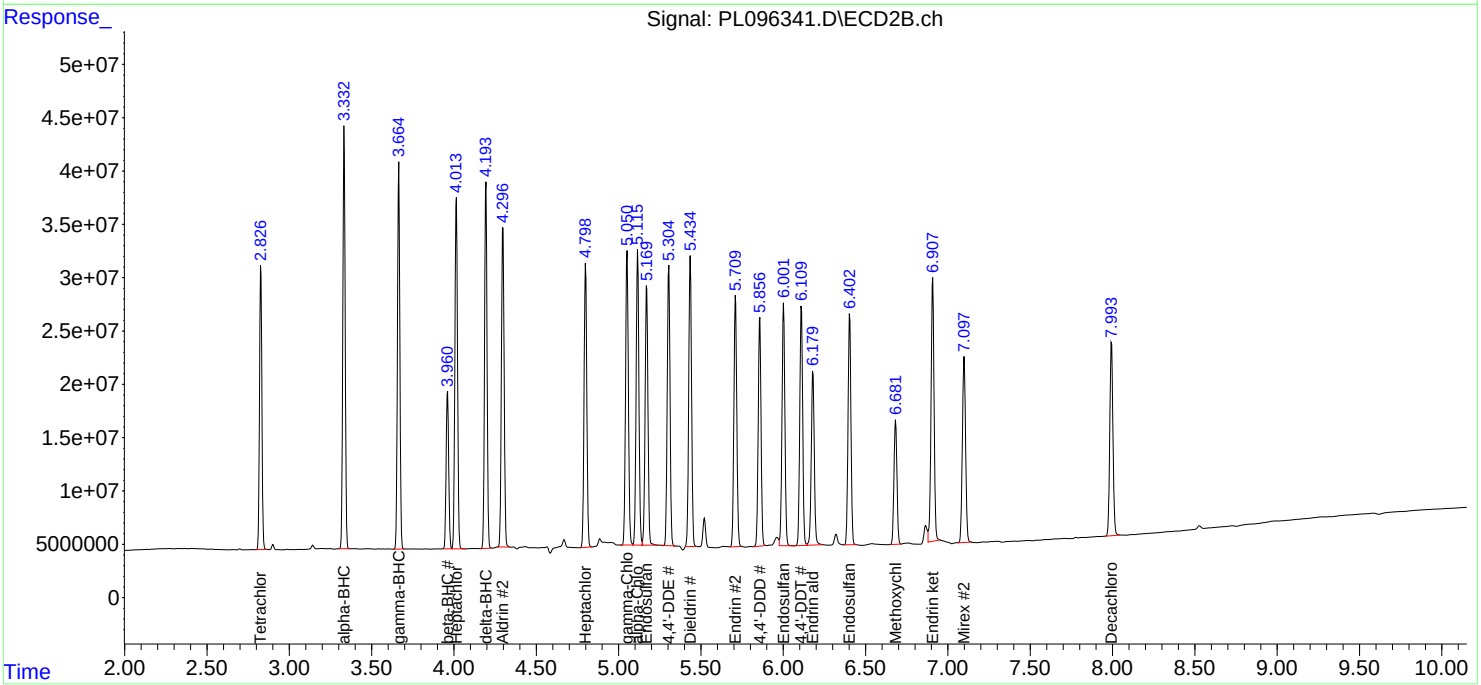
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:49:19 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: **PL096346.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/11/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 16:35 **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
alpha-BHC	3.98	3.99	3.89	4.09	0.01
beta-BHC	4.50	4.50	4.40	4.60	0.00
delta-BHC	4.75	4.75	4.65	4.85	0.01
gamma-BHC (Lindane)	4.31	4.31	4.21	4.41	0.00
Heptachlor	4.91	4.91	4.81	5.01	0.00
Aldrin	5.25	5.25	5.15	5.35	0.01
Heptachlor epoxide	5.66	5.67	5.57	5.77	0.01
Endosulfan I	6.05	6.05	5.95	6.15	0.00
Dieldrin	6.32	6.32	6.22	6.42	0.00
4,4'-DDE	6.17	6.17	6.07	6.27	0.00
Endrin	6.55	6.55	6.45	6.65	0.00
Endosulfan II	6.76	6.76	6.66	6.86	0.00
4,4'-DDD	6.68	6.68	6.58	6.78	0.00
Endosulfan sulfate	7.12	7.12	7.02	7.22	0.00
4,4'-DDT	6.99	6.99	6.89	7.09	0.00
Methoxychlor	7.46	7.46	7.36	7.56	0.00
Endrin ketone	7.60	7.60	7.50	7.70	0.00
Endrin aldehyde	6.89	6.89	6.79	6.99	0.00
alpha-Chlordane	6.00	6.00	5.90	6.10	0.00
gamma-Chlordane	5.92	5.92	5.82	6.02	0.00

Raw Data: **PL096346.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Continuing Calib Date: 07/11/2025 **Initial Calibration Date(s):** 07/07/2025 07/07/2025

Continuing Calib Time: 16:35 **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
alpha-BHC	3.33	3.34	3.24	3.44	0.01
beta-BHC	3.96	3.96	3.86	4.06	0.00
delta-BHC	4.20	4.20	4.10	4.30	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
Aldrin	4.30	4.30	4.20	4.40	0.00
Heptachlor epoxide	4.80	4.80	4.70	4.90	0.00
Endosulfan I	5.17	5.17	5.07	5.27	0.00
Dieldrin	5.44	5.44	5.34	5.54	0.01
4,4'-DDE	5.31	5.31	5.21	5.41	0.01
Endrin	5.71	5.71	5.61	5.81	0.00
Endosulfan II	6.00	6.00	5.90	6.10	0.00
4,4'-DDD	5.86	5.86	5.76	5.96	0.00
Endosulfan sulfate	6.40	6.41	6.31	6.51	0.01
4,4'-DDT	6.11	6.11	6.01	6.21	0.00
Methoxychlor	6.68	6.68	6.58	6.78	0.00
Endrin ketone	6.91	6.91	6.81	7.01	0.00
Endrin aldehyde	6.18	6.18	6.08	6.28	0.00
alpha-Chlordane	5.12	5.12	5.02	5.22	0.00
gamma-Chlordane	5.05	5.05	4.95	5.15	0.00

Raw Data: **PL096346.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No.: CCAL05 **Date Analyzed:** 07/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096346.D **Time Analyzed:** 16:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.677	6.578	6.778	57.200	50.000	14.4
4,4'-DDE	6.169	6.069	6.269	53.900	50.000	7.8
4,4'-DDT	6.992	6.892	7.092	56.960	50.000	13.9
Aldrin	5.245	5.146	5.346	54.030	50.000	8.1
alpha-BHC	3.984	3.885	4.085	55.110	50.000	10.2
alpha-Chlordane	5.999	5.900	6.100	54.140	50.000	8.3
beta-BHC	4.498	4.399	4.599	53.620	50.000	7.2
Decachlorobiphenyl	9.019	8.920	9.120	53.390	50.000	6.8
delta-BHC	4.745	4.646	4.846	53.810	50.000	7.6
Dieldrin	6.318	6.219	6.419	53.830	50.000	7.7
Endosulfan I	6.046	5.947	6.147	53.940	50.000	7.9
Endosulfan II	6.756	6.658	6.858	56.580	50.000	13.2
Endosulfan sulfate	7.119	7.019	7.219	54.760	50.000	9.5
Endrin	6.545	6.445	6.645	57.950	50.000	15.9
Endrin aldehyde	6.885	6.786	6.986	59.310	50.000	18.6
Endrin ketone	7.599	7.500	7.700	53.820	50.000	7.6
gamma-BHC (Lindane)	4.312	4.213	4.413	54.970	50.000	9.9
gamma-Chlordane	5.918	5.819	6.019	53.260	50.000	6.5
Heptachlor	4.905	4.806	5.006	56.230	50.000	12.5
Heptachlor epoxide	5.664	5.565	5.765	57.750	50.000	15.5
Methoxychlor	7.464	7.364	7.564	55.820	50.000	11.6
Tetrachloro-m-xylene	3.536	3.438	3.638	53.430	50.000	6.9

Raw Data: **PL096346.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No.: CCAL05 **Date Analyzed:** 07/11/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL096346.D **Time Analyzed:** 16:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.858	5.759	5.959	49.470	50.000	-1.1
4,4'-DDE	5.305	5.207	5.407	46.570	50.000	-6.9
4,4'-DDT	6.110	6.012	6.212	46.300	50.000	-7.4
Aldrin	4.298	4.200	4.400	46.760	50.000	-6.5
alpha-BHC	3.333	3.235	3.435	46.620	50.000	-6.8
alpha-Chlordane	5.116	5.018	5.218	42.850	50.000	-14.3
beta-BHC	3.962	3.863	4.063	45.560	50.000	-8.9
Decachlorobiphenyl	7.994	7.896	8.096	47.950	50.000	-4.1
delta-BHC	4.195	4.097	4.297	46.370	50.000	-7.3
Dieldrin	5.435	5.338	5.538	47.280	50.000	-5.4
Endosulfan I	5.171	5.073	5.273	40.200	50.000	-19.6
Endosulfan II	6.002	5.904	6.104	46.510	50.000	-7.0
Endosulfan sulfate	6.404	6.306	6.506	46.610	50.000	-6.8
Endrin	5.710	5.612	5.812	46.680	50.000	-6.6
Endrin aldehyde	6.180	6.082	6.282	46.400	50.000	-7.2
Endrin ketone	6.908	6.810	7.010	50.500	50.000	1.0
gamma-BHC (Lindane)	3.666	3.567	3.767	46.430	50.000	-7.1
gamma-Chlordane	5.052	4.954	5.154	46.540	50.000	-6.9
Heptachlor	4.015	3.917	4.117	47.130	50.000	-5.7
Heptachlor epoxide	4.800	4.702	4.902	45.990	50.000	-8.0
Methoxychlor	6.683	6.584	6.784	47.230	50.000	-5.5
Tetrachloro-m-xylene	2.827	2.729	2.929	45.460	50.000	-9.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:50:49 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...	3.536	2.827	195.0E6	262.4E6	53.428	45.463
28)	SA Decachlor...	9.019	7.994	150.2E6	239.1E6	53.394	47.948
	Target Compounds						
2)	A alpha-BHC	3.984	3.333	283.4E6	393.2E6	55.106	46.616
3)	MA gamma-BHC...	4.312	3.666	273.7E6	365.7E6	54.972	46.435
4)	MA Heptachlor	4.905	4.015	257.6E6	358.5E6	56.234	47.127
5)	MB Aldrin	5.245	4.298	261.1E6	341.2E6	54.025	46.763
6)	B beta-BHC	4.498	3.962	111.5E6	156.0E6	53.617	45.562
7)	B delta-BHC	4.745	4.195	241.1E6	357.2E6	53.809	46.375
8)	B Heptachlo...	5.664	4.800	239.6E6	307.5E6	57.754	45.993
9)	A Endosulfan I	6.046	5.171	217.8E6	288.4E6	53.936	40.196 #
10)	B gamma-Chl...	5.918	5.052	235.7E6	326.7E6	53.264	46.540
11)	B alpha-Chl...	5.999	5.116	237.1E6	322.3E6	54.136	42.854
12)	B 4,4'-DDE	6.169	5.305	199.8E6	301.0E6	53.903	46.569
13)	MA Dieldrin	6.318	5.435	227.6E6	322.4E6	53.828	47.280m
14)	MA Endrin	6.545	5.710	180.2E6	284.6E6	57.953	46.679
15)	B Endosulfa...	6.756	6.002	196.3E6	272.8E6	56.576m	46.514
16)	A 4,4'-DDD	6.677	5.858	166.6E6	253.7E6	57.205	49.471
17)	MA 4,4'-DDT	6.992	6.110	172.9E6	265.6E6	56.964	46.303
18)	B Endrin al...	6.885	6.180	132.6E6	206.7E6	59.312m	46.401
19)	B Endosulfa...	7.119	6.404	167.5E6	262.1E6	54.761	46.606
20)	A Methoxychlor	7.464	6.683	87942612	143.5E6	55.822	47.226
21)	B Endrin ke...	7.599	6.908	177.7E6	315.7E6	53.824	50.495
22)	Mirex	8.079	7.099	149.7E6	233.0E6	53.801	46.904

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

Sample Results: **PL096346.D**

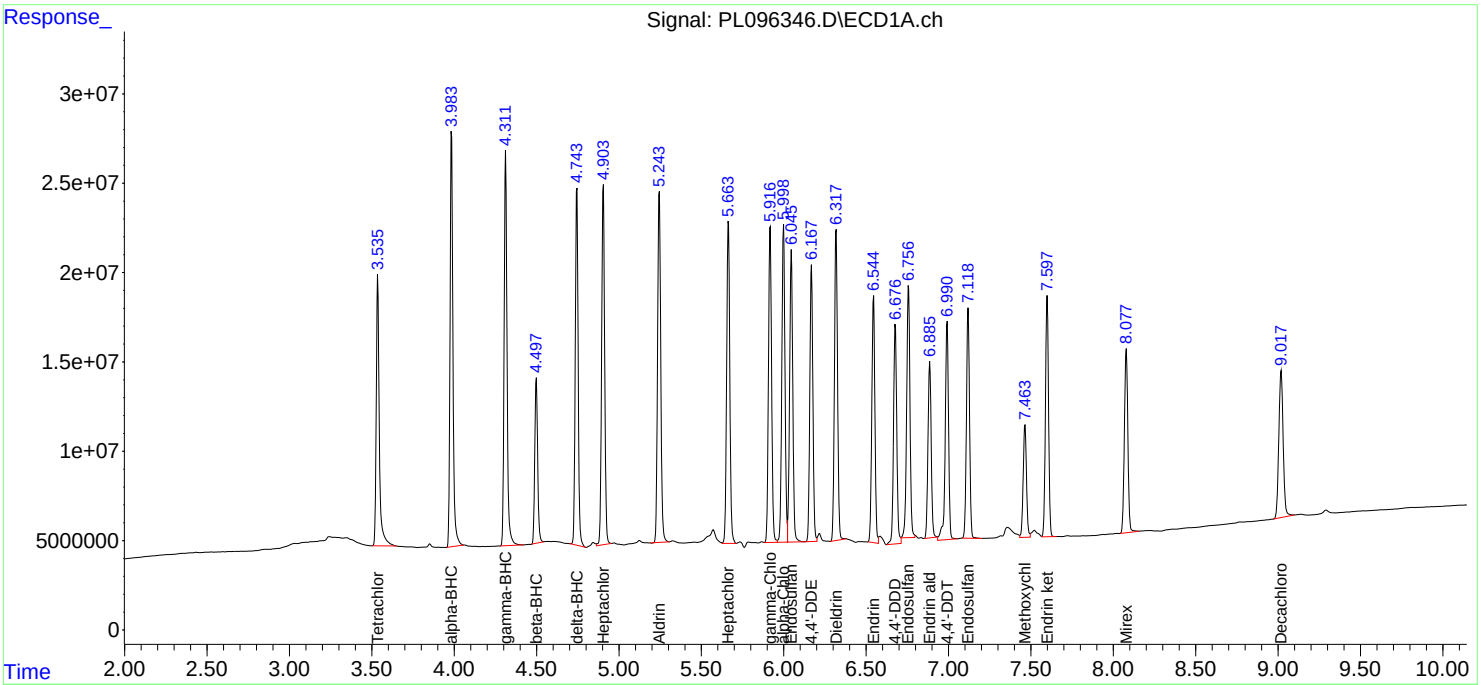
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

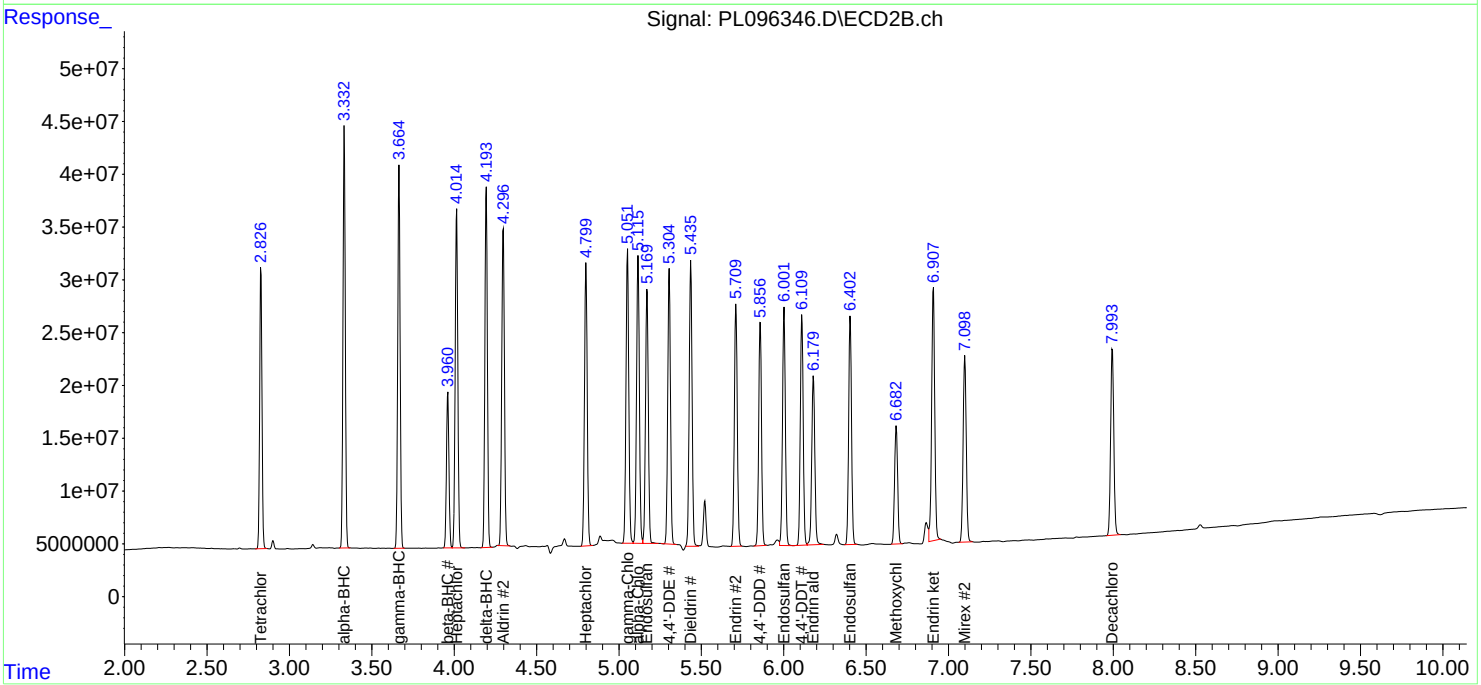
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:50:49 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





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

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.

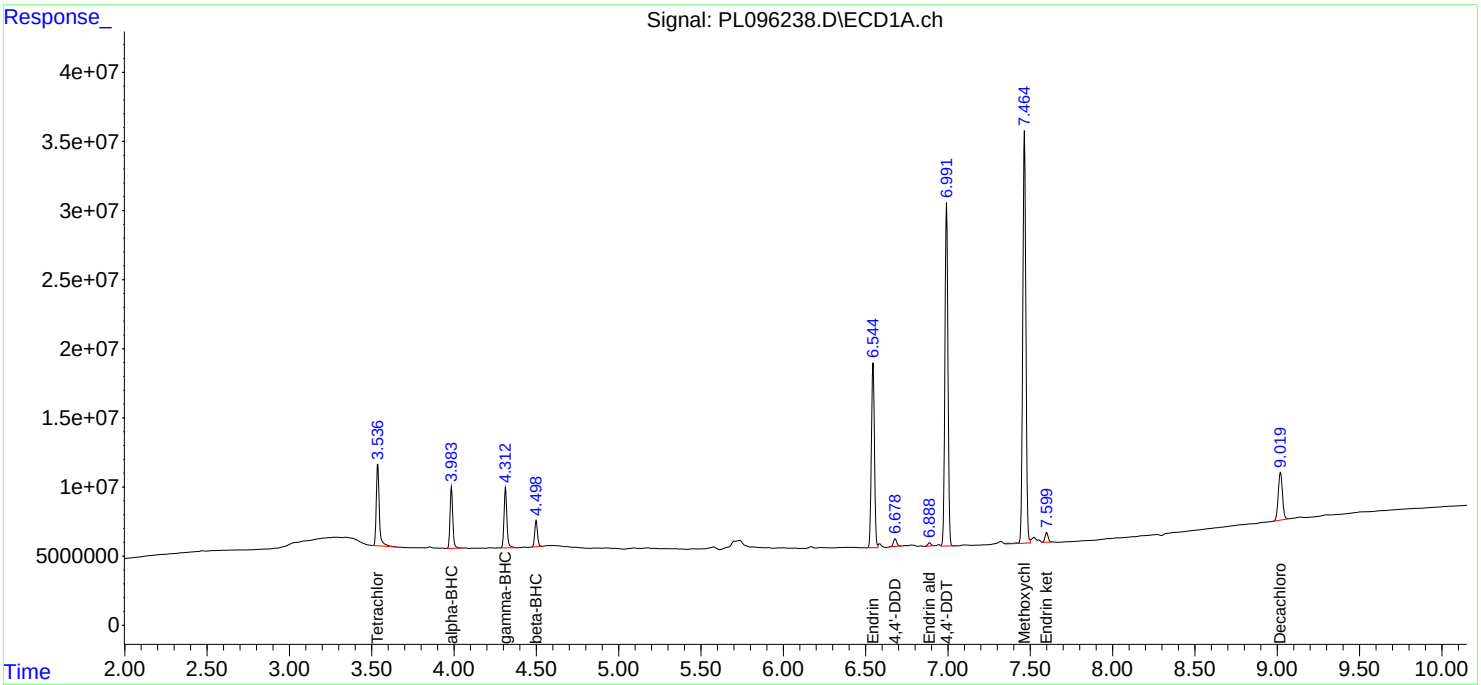
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:26
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

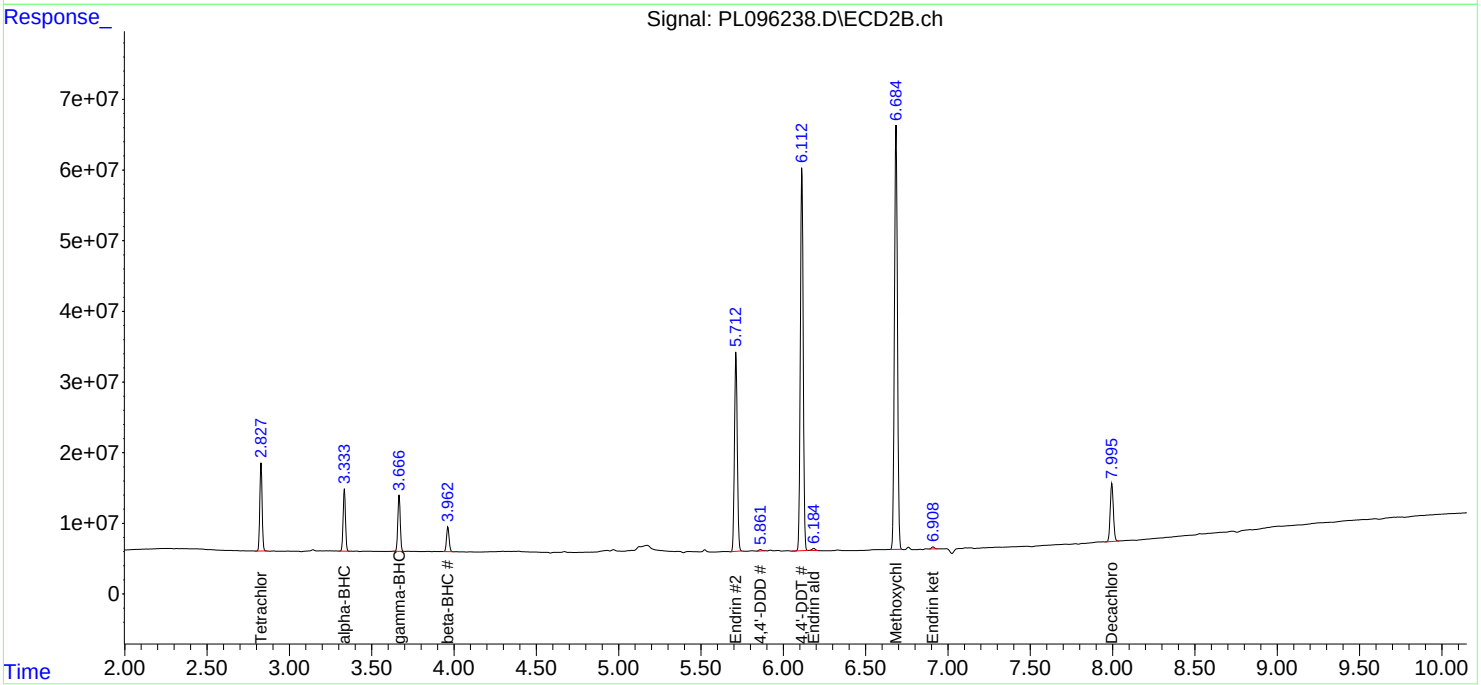
Instrument :
ECD_L
ClientSampleId :
PEM

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:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No. (PEM): PEM - PL096296.D **Date Analyzed:** 07/10/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:36

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.021	8.920	9.120	23.540	20.000	17.7
Tetrachloro-m-xylene	3.537	3.490	3.590	22.570	20.000	12.9
alpha-BHC	3.985	3.930	4.040	10.460	10.000	4.6
beta-BHC	4.499	4.450	4.550	11.590	10.000	15.9
gamma-BHC (Lindane)	4.314	4.260	4.360	11.270	10.000	12.7
Endrin	6.546	6.480	6.620	58.200	50.000	16.4
4,4'-DDT	6.993	6.920	7.060	113.770	100.000	13.8
Methoxychlor	7.465	7.390	7.540	262.360	250.000	4.9

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

Client Sample No. (PEM): PEM - PL096296.D **Date Analyzed:** 07/10/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:36

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.995	7.890	8.100	22.110	20.000	10.6
Tetrachloro-m-xylene	2.828	2.780	2.880	20.780	20.000	3.9
alpha-BHC	3.334	3.280	3.380	9.950	10.000	-0.5
beta-BHC	3.963	3.910	4.010	10.670	10.000	6.7
gamma-BHC (Lindane)	3.666	3.620	3.720	10.110	10.000	1.1
Endrin	5.712	5.640	5.780	50.990	50.000	2.0
4,4'-DDT	6.112	6.040	6.180	103.740	100.000	3.7
Methoxychlor	6.684	6.610	6.750	224.650	250.000	-10.1

PEM

Data File: PL096296.D **Date Acquired** 7/10/2025 9:36

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
					Down
Endrin	6.55	181024675.3	194731618.9	13706943.6	**7.04**
Endrin aldehyde	6.89	4782635.82			
Endrin ketone	7.60	8924307.782			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.71	310841674.9	333675947.4	22834272.6	**6.84**
Endrin aldehyde #2	6.18	9322701.443			
Endrin ketone #2	6.91	13511571.15			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT	6.99	345328423.7	356130923.6	10802499.9	**3.03**
4,4'-DDE	0.00	0			
4,4'-DDD	6.68	10802499.93			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.11	594988275	607947281.2	12959006.1	**2.13**
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.86	12959006.12			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 09:36
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:59:30 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	2.828	82351997	119.9E6	22.569	20.776	
28)	SA Decachlor...	9.021	7.995	66217487	110.3E6	23.539	22.113	
	Target Compounds							
2)	A alpha-BHC	3.985	3.334	53789416	83914192	10.458	9.949	
3)	MA gamma-BHC...	4.314	3.666	56140705	79601175	11.274	10.107	
6)	B beta-BHC	4.499	3.963	24086012	36540071	11.587	10.672	
14)	MA Endrin	6.546	5.712	181.0E6	310.8E6	58.203	50.987	
16)	A 4,4'-DDD	6.678	5.859	10802500	12959006	3.710	2.527	#
17)	MA 4,4'-DDT	6.993	6.112	345.3E6	595.0E6	113.774	103.744	
18)	B Endrin al...	6.888	6.183	4782636	9322701	2.139m	2.093	
20)	A Methoxychlor	7.465	6.684	413.3E6	682.4E6	262.356	224.650	
21)	B Endrin ke...	7.600	6.909	8924308	13511571	2.703	2.161	

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

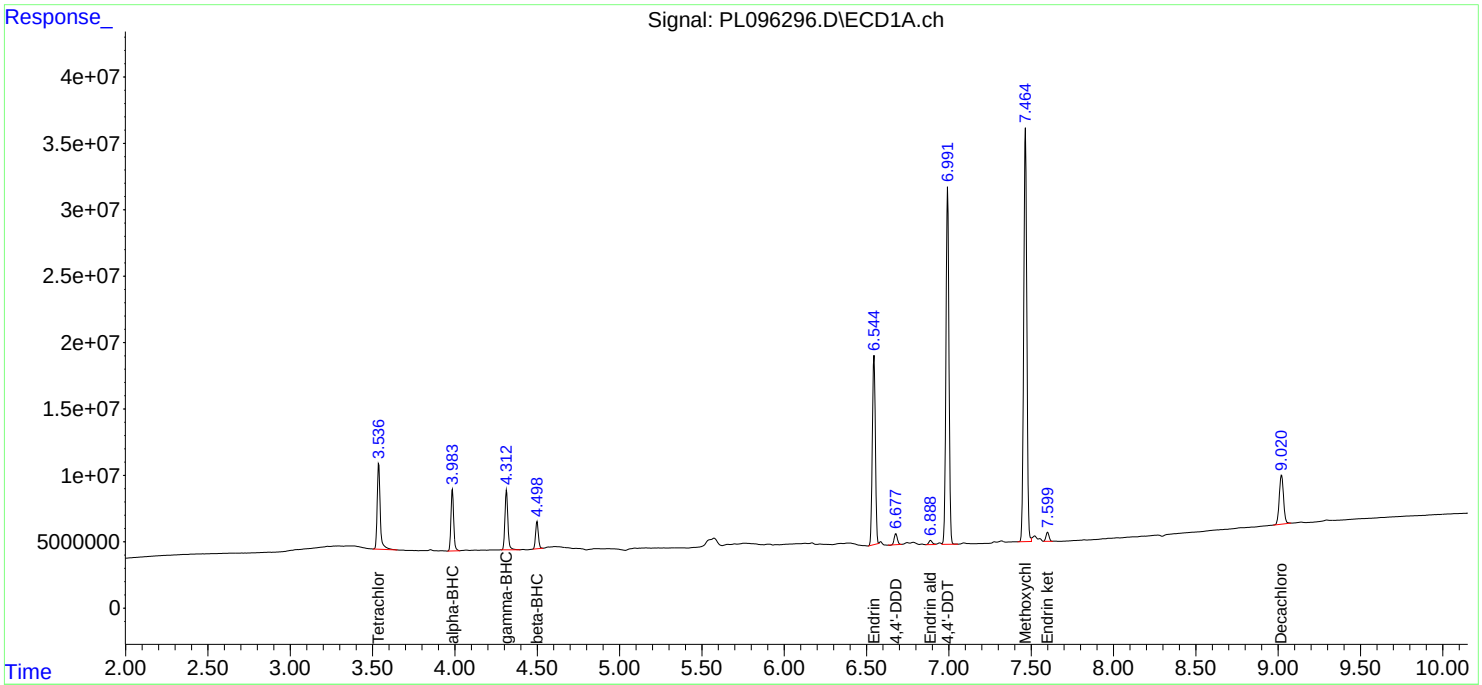
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 09:36
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

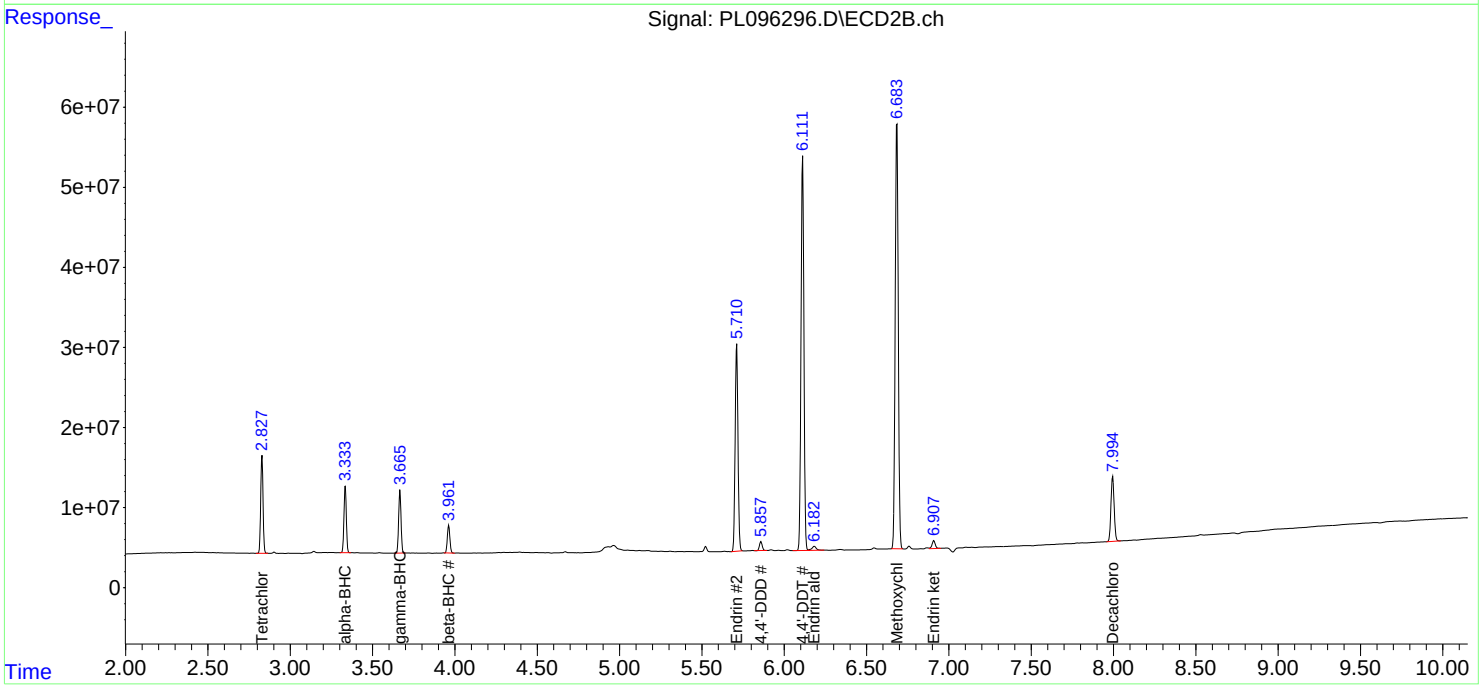
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:59:30 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:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No. (PEM): PEM - PL096324.D **Date Analyzed:** 07/10/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 19:50

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.019	8.920	9.120	23.750	20.000	18.8
Tetrachloro-m-xylene	3.538	3.490	3.590	22.430	20.000	12.2
alpha-BHC	3.985	3.930	4.040	10.660	10.000	6.6
beta-BHC	4.499	4.450	4.550	11.630	10.000	16.3
gamma-BHC (Lindane)	4.313	4.260	4.360	11.170	10.000	11.7
Endrin	6.545	6.470	6.620	57.870	50.000	15.7
4,4'-DDT	6.992	6.920	7.060	105.710	100.000	5.7
Methoxychlor	7.464	7.390	7.530	250.660	250.000	0.3

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

Client Sample No. (PEM): PEM - PL096324.D **Date Analyzed:** 07/10/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 19:50

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.995	7.890	8.100	21.330	20.000	6.7
Tetrachloro-m-xylene	2.829	2.780	2.880	19.600	20.000	-2.0
alpha-BHC	3.335	3.280	3.390	9.320	10.000	-6.8
beta-BHC	3.963	3.910	4.010	10.100	10.000	1.0
gamma-BHC (Lindane)	3.667	3.620	3.720	9.450	10.000	-5.5
Endrin	5.711	5.640	5.780	46.290	50.000	-7.4
4,4'-DDT	6.111	6.040	6.180	91.790	100.000	-8.2
Methoxychlor	6.683	6.610	6.750	203.480	250.000	-18.6

PEM

Data File: PL096324.D **Date Acquired** 7/10/2025 19:50

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
					Down
Endrin	6.54	179973168	199141371.6	19168203.6	**9.63**
Endrin aldehyde	6.89	6029074.764			
Endrin ketone	7.60	13139128.82			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.71	282183745.3	316166950.6	33983205.2	**10.75**
Endrin aldehyde #2	6.18	11754650.11			
Endrin ketone #2	6.91	22228555.13			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT	6.99	320862775.2	343505059	22642283.8	**6.59**
4,4'-DDE	0.00	0			
4,4'-DDD	6.68	22642283.79			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.11	526421984.4	552745756.4	26323772	**4.76**
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.86	26323772			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:50
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:55 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	81829629	113.1E6	22.425	19.599	
28)	SA Decachlor...	9.019	7.995	66806546	106.3E6	23.749	21.326	
	Target Compounds							
2)	A alpha-BHC	3.985	3.335	54826453	78572775	10.660	9.316	
3)	MA gamma-BHC...	4.313	3.667	55643103	74466130	11.174	9.455	
6)	B beta-BHC	4.499	3.963	24168179	34569168	11.626	10.096	
14)	MA Endrin	6.545	5.711	180.0E6	282.2E6	57.865	46.286	
16)	A 4,4'-DDD	6.677	5.858	22642284	26323772	7.776	5.133	#
17)	MA 4,4'-DDT	6.992	6.111	320.9E6	526.4E6	105.714	91.789	
18)	B Endrin al...	6.887	6.182	6029075	11754650	2.697	2.639	
20)	A Methoxychlor	7.464	6.683	394.9E6	618.1E6	250.656	203.484	
21)	B Endrin ke...	7.599	6.908	13139129	22228555	3.980	3.555	

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

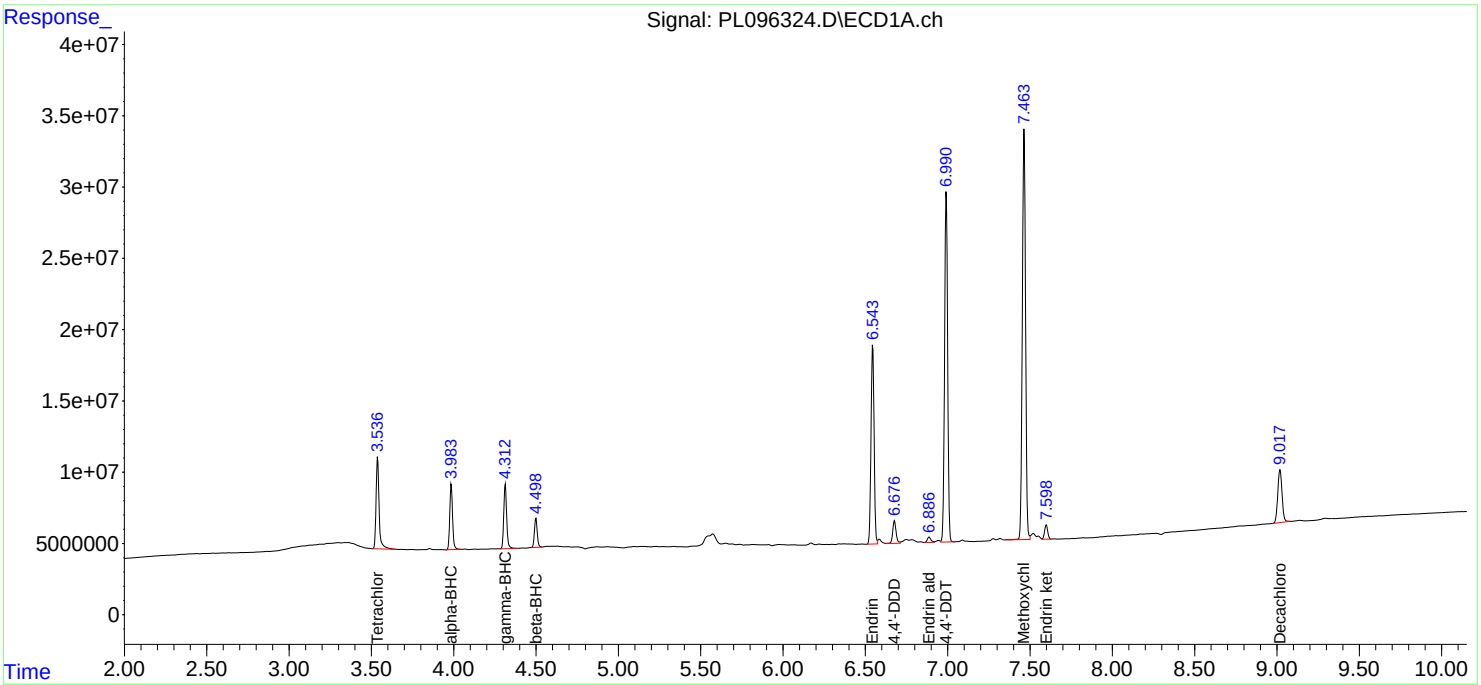
Quantitation Report (QT Reviewed)

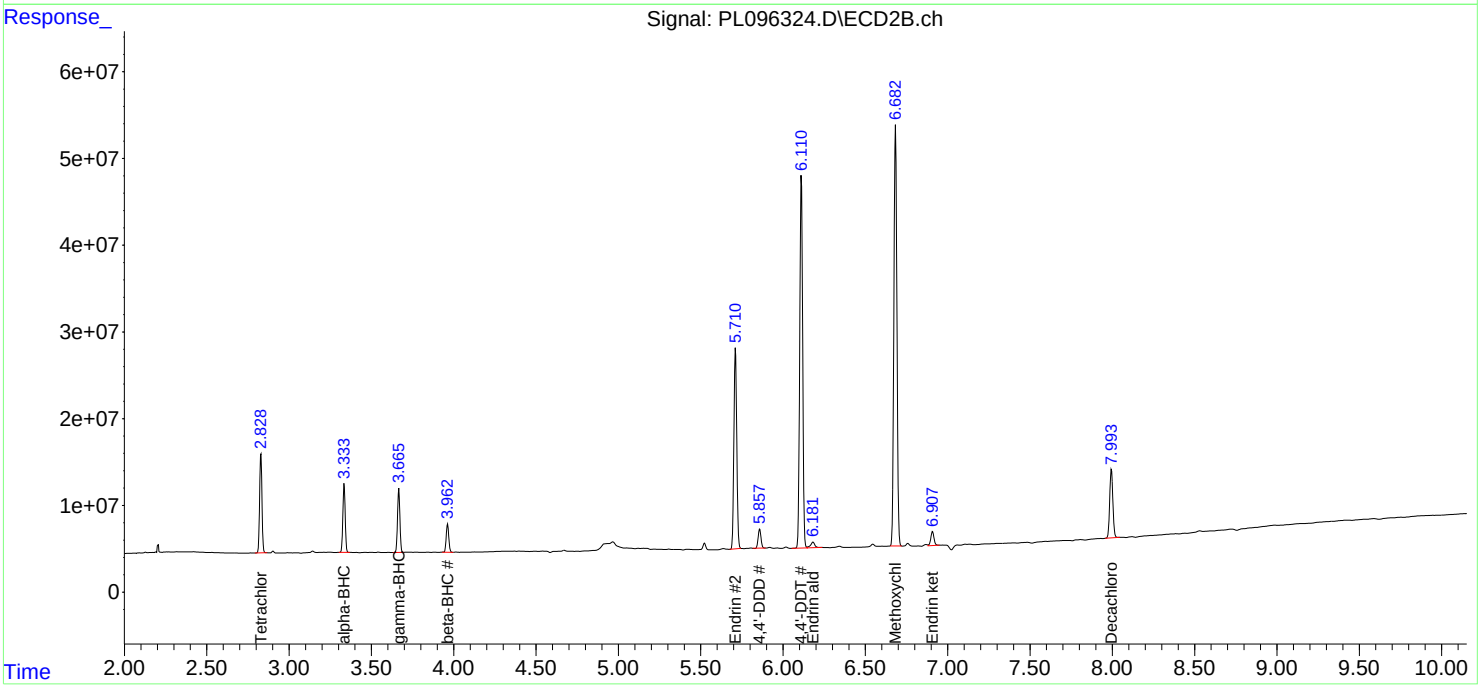
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:50
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:55 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:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

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

Client Sample No. (PEM): PEM - PL096340.D **Date Analyzed:** 07/11/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 15:08

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.019	8.920	9.120	26.200	20.000	31.0
Tetrachloro-m-xylene	3.535	3.480	3.590	23.720	20.000	18.6
alpha-BHC	3.983	3.930	4.030	11.280	10.000	12.8
beta-BHC	4.497	4.450	4.550	12.240	10.000	22.4
gamma-BHC (Lindane)	4.311	4.260	4.360	11.940	10.000	19.4
Endrin	6.544	6.470	6.610	66.590	50.000	33.2
4,4'-DDT	6.991	6.920	7.060	125.090	100.000	25.1
Methoxychlor	7.464	7.390	7.530	294.700	250.000	17.9

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

Client Sample No. (PEM): PEM - PL096340.D **Date Analyzed:** 07/11/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 15:08

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.994	7.890	8.090	23.390	20.000	17.0
Tetrachloro-m-xylene	2.827	2.780	2.880	20.170	20.000	0.9
alpha-BHC	3.332	3.280	3.380	9.720	10.000	-2.8
beta-BHC	3.961	3.910	4.010	10.510	10.000	5.1
gamma-BHC (Lindane)	3.665	3.610	3.720	9.900	10.000	-1.0
Endrin	5.710	5.640	5.780	52.320	50.000	4.6
4,4'-DDT	6.110	6.040	6.180	109.020	100.000	9.0
Methoxychlor	6.683	6.610	6.750	240.890	250.000	-3.6

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 15:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:48:57 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...	3.535	2.827	86552156	116.4E6	23.720	20.169
28)	SA Decachlor...	9.019	7.994	73692374	116.6E6	26.197	23.392
	Target Compounds						
2)	A alpha-BHC	3.983	3.332	58030041	82002156	11.283	9.722
3)	MA gamma-BHC...	4.311	3.665	59433691	77951321	11.935	9.897
6)	B beta-BHC	4.497	3.961	25441567	35973662	12.239	10.507
14)	MA Endrin	6.544	5.710	207.1E6	319.0E6	66.592	52.321
16)	A 4,4'-DDD	6.676	5.856	9275668	6394692	3.186m	1.247m#
17)	MA 4,4'-DDT	6.991	6.110	379.7E6	625.2E6	125.089	109.020
18)	B Endrin al...	6.887	6.182	4899412	14968279	2.192m	3.360 #
20)	A Methoxychlor	7.464	6.683	464.3E6	731.8E6	294.703	240.886
21)	B Endrin ke...	7.599	6.906	5758240	11555748	1.744	1.848

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 15:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

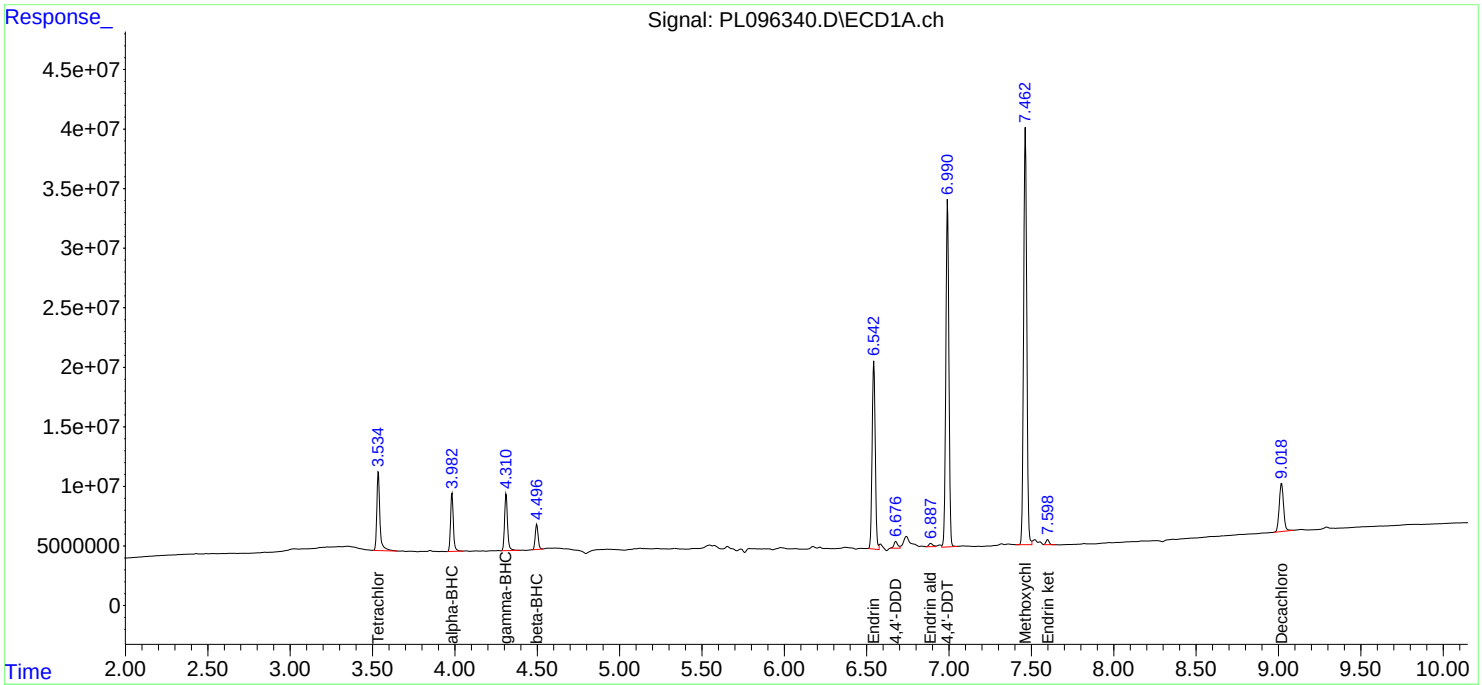
Instrument :
ECD_L
ClientSampleId :
PEM

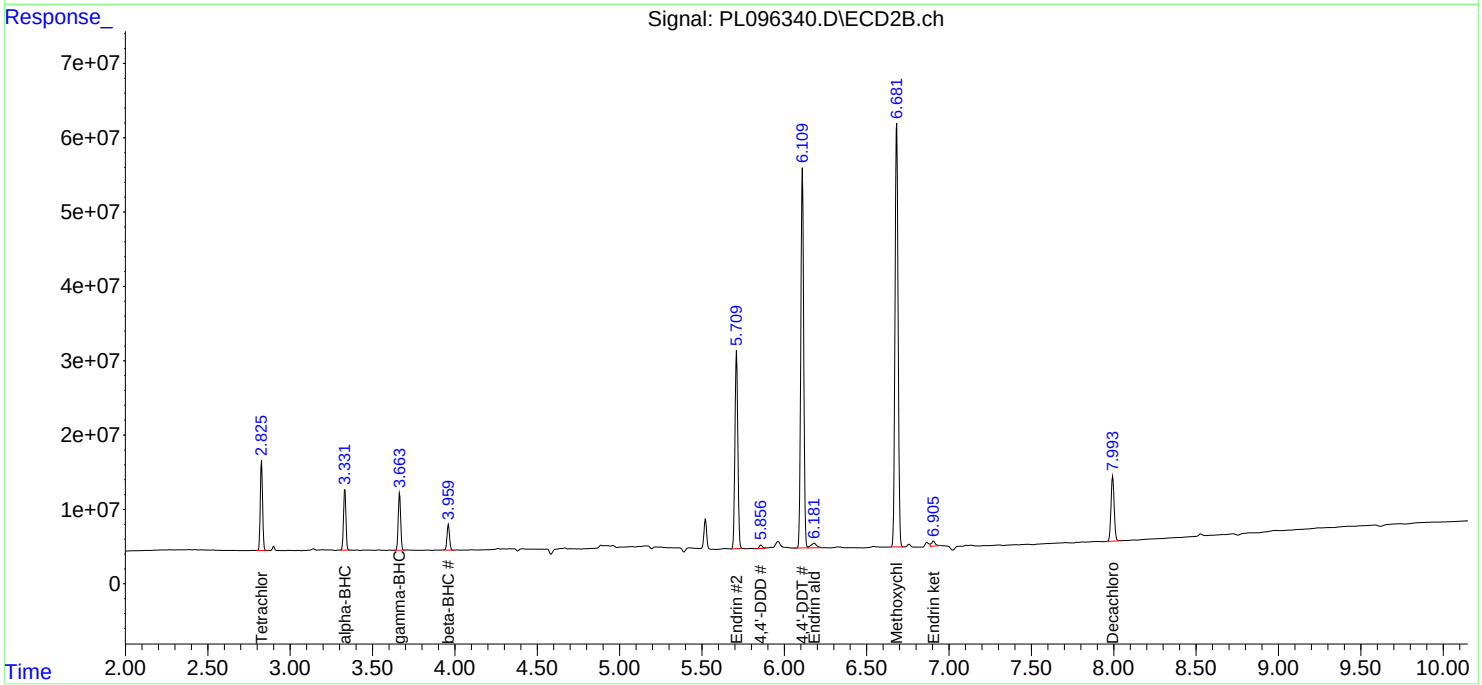
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:48:57 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

Analytical Sequence

Client: Walsh Construction Company II, LLC **SDG No.:** Q2489

Project: Construction of Shafts 17B-18B - PN 220084 **Instrument ID:** ECD_L

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

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	07/07/2025	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
PEM	PEM	07/10/2025	09:36	PL096296.D	9.02	3.54
I.BLK	I.BLK	07/10/2025	17:15	PL096314.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/10/2025	17:29	PL096315.D	9.02	3.54
PB168789BL	PB168789BL	07/10/2025	18:55	PL096320.D	9.02	3.54
PB168789BS	PB168789BS	07/10/2025	19:09	PL096321.D	9.02	3.54
PB168789TB	PB168789TB	07/10/2025	19:22	PL096322.D	9.02	3.54
I.BLK	I.BLK	07/10/2025	19:36	PL096323.D	9.02	3.54
PEM	PEM	07/10/2025	19:50	PL096324.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/10/2025	20:03	PL096325.D	9.02	3.54
G4(6-12)	Q2489-02	07/10/2025	21:11	PL096329.D	9.02	3.54
G3(0-6)	Q2489-03	07/10/2025	21:25	PL096330.D	9.02	3.54
G3(6-12)	Q2489-04	07/10/2025	21:39	PL096331.D	9.02	3.54
G2(0-6)	Q2489-05	07/10/2025	21:52	PL096332.D	9.02	3.54
G2(6-12)	Q2489-06	07/10/2025	22:06	PL096333.D	9.02	3.54
G1(0-6)	Q2489-07	07/10/2025	22:19	PL096334.D	9.02	3.54
G1(6-12)	Q2489-08	07/10/2025	22:33	PL096335.D	9.02	3.54
I.BLK	I.BLK	07/10/2025	22:47	PL096336.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/11/2025	00:09	PL096337.D	9.02	3.54
I.BLK	I.BLK	07/11/2025	14:55	PL096339.D	9.02	3.54
PEM	PEM	07/11/2025	15:08	PL096340.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/11/2025	15:22	PL096341.D	9.02	3.54
G4(0-6)	Q2489-01	07/11/2025	15:40	PL096342.D	9.02	3.54
G4(0-6)MS	Q2489-01MS	07/11/2025	15:54	PL096343.D	9.02	3.54
G4(0-6)MSD	Q2489-01MSD	07/11/2025	16:08	PL096344.D	9.02	3.54
I.BLK	I.BLK	07/11/2025	16:21	PL096345.D	9.02	3.54
PSTDCCC050	PSTDCCC050	07/11/2025	16:35	PL096346.D	9.02	3.54

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Analytical Sequence

Client: Walsh Construction Company II, LLC **SDG No.:** Q2489

Project: Construction of Shafts 17B-18B - PN 220084 **Instrument ID:** ECD_L

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

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	07/07/2025	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
PEM	PEM	07/10/2025	09:36	PL096296.D	8.00	2.83
I.BLK	I.BLK	07/10/2025	17:15	PL096314.D	8.00	2.82
PSTDCCC050	PSTDCCC050	07/10/2025	17:29	PL096315.D	8.00	2.83
PB168789BL	PB168789BL	07/10/2025	18:55	PL096320.D	8.00	2.83
PB168789BS	PB168789BS	07/10/2025	19:09	PL096321.D	8.00	2.83
PB168789TB	PB168789TB	07/10/2025	19:22	PL096322.D	8.00	2.83
I.BLK	I.BLK	07/10/2025	19:36	PL096323.D	8.00	2.83
PEM	PEM	07/10/2025	19:50	PL096324.D	8.00	2.83
PSTDCCC050	PSTDCCC050	07/10/2025	20:03	PL096325.D	8.00	2.83
G4(6-12)	Q2489-02	07/10/2025	21:11	PL096329.D	8.00	2.83
G3(0-6)	Q2489-03	07/10/2025	21:25	PL096330.D	8.00	2.83
G3(6-12)	Q2489-04	07/10/2025	21:39	PL096331.D	8.00	2.83
G2(0-6)	Q2489-05	07/10/2025	21:52	PL096332.D	8.00	2.83
G2(6-12)	Q2489-06	07/10/2025	22:06	PL096333.D	8.00	2.83
G1(0-6)	Q2489-07	07/10/2025	22:19	PL096334.D	8.00	2.83
G1(6-12)	Q2489-08	07/10/2025	22:33	PL096335.D	8.00	2.83
I.BLK	I.BLK	07/10/2025	22:47	PL096336.D	8.00	2.83
PSTDCCC050	PSTDCCC050	07/11/2025	00:09	PL096337.D	8.00	2.83
I.BLK	I.BLK	07/11/2025	14:55	PL096339.D	8.00	2.83
PEM	PEM	07/11/2025	15:08	PL096340.D	7.99	2.83
PSTDCCC050	PSTDCCC050	07/11/2025	15:22	PL096341.D	7.99	2.83
G4(0-6)	Q2489-01	07/11/2025	15:40	PL096342.D	8.00	2.83
G4(0-6)MS	Q2489-01MS	07/11/2025	15:54	PL096343.D	7.99	2.83
G4(0-6)MSD	Q2489-01MSD	07/11/2025	16:08	PL096344.D	7.99	2.83
I.BLK	I.BLK	07/11/2025	16:21	PL096345.D	8.00	2.83
PSTDCCC050	PSTDCCC050	07/11/2025	16:35	PL096346.D	7.99	2.83

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

G4(0-6)MS

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Lab Sample ID: Q2489-01MS **Date(s) Analyzed:** 07/11/2025 07/11/2025

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
4,4'-DDD	1	6.68	6.63	6.73	0.69	11.4
	2	5.86	5.81	5.91	0.62	
4,4'-DDE	1	6.17	6.12	6.22	0.66	13.7
	2	5.31	5.26	5.36	0.58	
4,4'-DDT	1	6.99	6.94	7.04	0.67	13.9
	2	6.11	6.06	6.16	0.58	
alpha-BHC	1	3.98	3.93	4.03	0.69	14.8
	2	3.33	3.28	3.38	0.59	
Aldrin	1	5.24	5.19	5.29	0.63	13
	2	4.30	4.25	4.35	0.55	
alpha-Chlordane	1	6.00	5.95	6.05	0.67	20.7
	2	5.12	5.07	5.17	0.54	
Endosulfan II	1	6.76	6.71	6.81	0.68	15.3
	2	6.00	5.95	6.05	0.58	
Endosulfan sulfate	1	7.12	7.07	7.17	0.70	17.2
	2	6.40	6.35	6.45	0.59	
beta-BHC	1	4.50	4.45	4.55	0.67	17.4
	2	3.96	3.91	4.01	0.57	
delta-BHC	1	4.74	4.69	4.79	0.70	16.8
	2	4.20	4.15	4.25	0.59	
Endosulfan I	1	6.04	5.99	6.09	0.68	29.6
	2	5.17	5.12	5.22	0.51	
Dieldrin	1	6.32	6.27	6.37	0.68	10.7
	2	5.44	5.39	5.49	0.62	
Endrin aldehyde	1	6.88	6.83	6.93	0.78	25.1
	2	6.18	6.13	6.23	0.61	
Methoxychlor	1	7.46	7.41	7.51	0.74	20.7
	2	6.68	6.63	6.73	0.60	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

G4(0-6)MS

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Lab Sample ID: Q2489-01MS **Date(s) Analyzed:** 07/11/2025 07/11/2025

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 ketone	1	7.60	7.55	7.65	0.68	35.3
	2	6.91	6.86	6.96	0.97	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	0.68	14.2
	2	3.67	3.62	3.72	0.59	
Heptachlor	1	4.91	4.86	4.96	0.68	19.5
	2	4.02	3.97	4.07	0.56	
Heptachlor epoxide	1	5.66	5.61	5.71	0.76	28
	2	4.80	4.75	4.85	0.57	
gamma-Chlordane	1	5.92	5.87	5.97	0.65	11.2
	2	5.05	5.00	5.10	0.58	
Endrin	1	6.54	6.49	6.59	0.76	15.7
	2	5.71	5.66	5.76	0.65	

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

G4(0-6)MSD

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Lab Sample ID: Q2489-01MSD **Date(s) Analyzed:** 07/11/2025 07/11/2025

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
Endosulfan II	1	6.76	6.71	6.81	0.61	13.8
	2	6.00	5.95	6.05	0.53	
Endrin aldehyde	1	6.88	6.83	6.93	0.70	24.2
	2	6.18	6.13	6.23	0.55	
Endosulfan sulfate	1	7.12	7.07	7.17	0.63	16.9
	2	6.40	6.35	6.45	0.53	
Methoxychlor	1	7.46	7.41	7.51	0.64	15.3
	2	6.68	6.63	6.73	0.55	
Endrin ketone	1	7.60	7.55	7.65	0.62	15
	2	6.91	6.86	6.96	0.72	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	0.62	14.9
	2	3.67	3.62	3.72	0.53	
Heptachlor	1	4.91	4.86	4.96	0.62	19.7
	2	4.02	3.97	4.07	0.51	
delta-BHC	1	4.74	4.69	4.79	0.63	16.6
	2	4.20	4.15	4.25	0.53	
Heptachlor epoxide	1	5.66	5.61	5.71	0.69	28.2
	2	4.80	4.75	4.85	0.52	
Endosulfan I	1	6.04	5.99	6.09	0.61	28.9
	2	5.17	5.12	5.22	0.46	
gamma-Chlordane	1	5.92	5.87	5.97	0.59	10.7
	2	5.05	5.00	5.10	0.53	
Dieldrin	1	6.32	6.27	6.37	0.62	10.5
	2	5.43	5.38	5.48	0.56	
Endrin	1	6.54	6.49	6.59	0.69	19.9
	2	5.71	5.66	5.76	0.56	
4,4'-DDD	1	6.68	6.63	6.73	0.63	12.2
	2	5.86	5.81	5.91	0.56	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

G4(0-6)MSD

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Lab Sample ID: Q2489-01MSD **Date(s) Analyzed:** 07/11/2025 07/11/2025

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
4,4'-DDT	1	6.99	6.94	7.04	0.61	15.2
	2	6.11	6.06	6.16	0.53	
alpha-BHC	1	3.98	3.93	4.03	0.63	15.3
	2	3.33	3.28	3.38	0.54	
Aldrin	1	5.25	5.20	5.30	0.58	14.6
	2	4.30	4.25	4.35	0.50	
beta-BHC	1	4.50	4.45	4.55	0.61	16.1
	2	3.96	3.91	4.01	0.52	
alpha-Chlordane	1	6.00	5.95	6.05	0.61	21.9
	2	5.12	5.07	5.17	0.49	
4,4'-DDE	1	6.17	6.12	6.22	0.60	13.9
	2	5.31	5.26	5.36	0.52	

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168789BS

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Lab Sample ID: PB168789BS **Date(s) Analyzed:** 07/10/2025 07/10/2025

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
4,4'-DDD	1	6.68	6.63	6.73	0.56	8.8
	2	5.86	5.81	5.91	0.51	
4,4'-DDE	1	6.17	6.12	6.22	0.52	11.1
	2	5.31	5.26	5.36	0.47	
4,4'-DDT	1	6.99	6.94	7.04	0.51	18.9
	2	6.11	6.06	6.16	0.42	
alpha-BHC	1	3.99	3.94	4.04	0.53	14.1
	2	3.34	3.29	3.39	0.46	
Aldrin	1	5.25	5.20	5.30	0.52	11.2
	2	4.30	4.25	4.35	0.46	
alpha-Chlordane	1	6.00	5.95	6.05	0.52	21.3
	2	5.12	5.07	5.17	0.42	
Endosulfan II	1	6.76	6.71	6.81	0.52	11.4
	2	6.00	5.95	6.05	0.47	
Endosulfan sulfate	1	7.12	7.07	7.17	0.55	15.1
	2	6.41	6.36	6.46	0.47	
beta-BHC	1	4.50	4.45	4.55	0.51	14.3
	2	3.96	3.91	4.01	0.44	
delta-BHC	1	4.75	4.70	4.80	0.53	15
	2	4.20	4.15	4.25	0.46	
Endosulfan I	1	6.05	6.00	6.10	0.52	26.4
	2	5.17	5.12	5.22	0.40	
Dieldrin	1	6.32	6.27	6.37	0.53	12.8
	2	5.44	5.39	5.49	0.46	
Endrin aldehyde	1	6.89	6.84	6.94	0.62	25.6
	2	6.18	6.13	6.23	0.48	
Methoxychlor	1	7.46	7.41	7.51	0.49	15.6
	2	6.69	6.64	6.74	0.42	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168789BS

Lab Name: Alliance **Contract:** WALS01

Lab Code: ACE **SDG NO.:** Q2489

Lab Sample ID: PB168789BS **Date(s) Analyzed:** 07/10/2025 07/10/2025

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 ketone	1	7.60	7.55	7.65	0.56	11.9
	2	6.91	6.86	6.96	0.50	
gamma-BHC (Lindane)	1	4.31	4.26	4.36	0.52	12.9
	2	3.67	3.62	3.72	0.46	
Heptachlor	1	4.91	4.86	4.96	0.54	18.1
	2	4.02	3.97	4.07	0.45	
Heptachlor epoxide	1	5.66	5.61	5.71	0.55	17.9
	2	4.80	4.75	4.85	0.46	
gamma-Chlordane	1	5.92	5.87	5.97	0.52	12.5
	2	5.05	5.00	5.10	0.46	
Endrin	1	6.55	6.50	6.60	0.51	17.6
	2	5.71	5.66	5.76	0.42	

QC SAMPLE DATA

Raw Data: **PL096320.D**

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Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168789BL	SDG No.:	Q2489
Lab Sample ID:	PB168789BL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096320.D	1	07/09/25 11:39	07/10/25 18:55	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	20.7		57 - 171	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		61 - 148	95%	SPK: 20

Raw Data: **PL096320.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168789BL	SDG No.:	Q2489
Lab Sample ID:	PB168789BL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096320.D	1	07/09/25 11:39	07/10/25 18:55	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096320.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 18:55
Operator : AR\AJ
Sample : PB168789BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168789BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:23 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...	3.537	2.829	69246219	100.5E6	18.977	17.422
28)	SA Decachlor...	9.020	7.996	58274569	94095955	20.716	18.870
	Target Compounds						

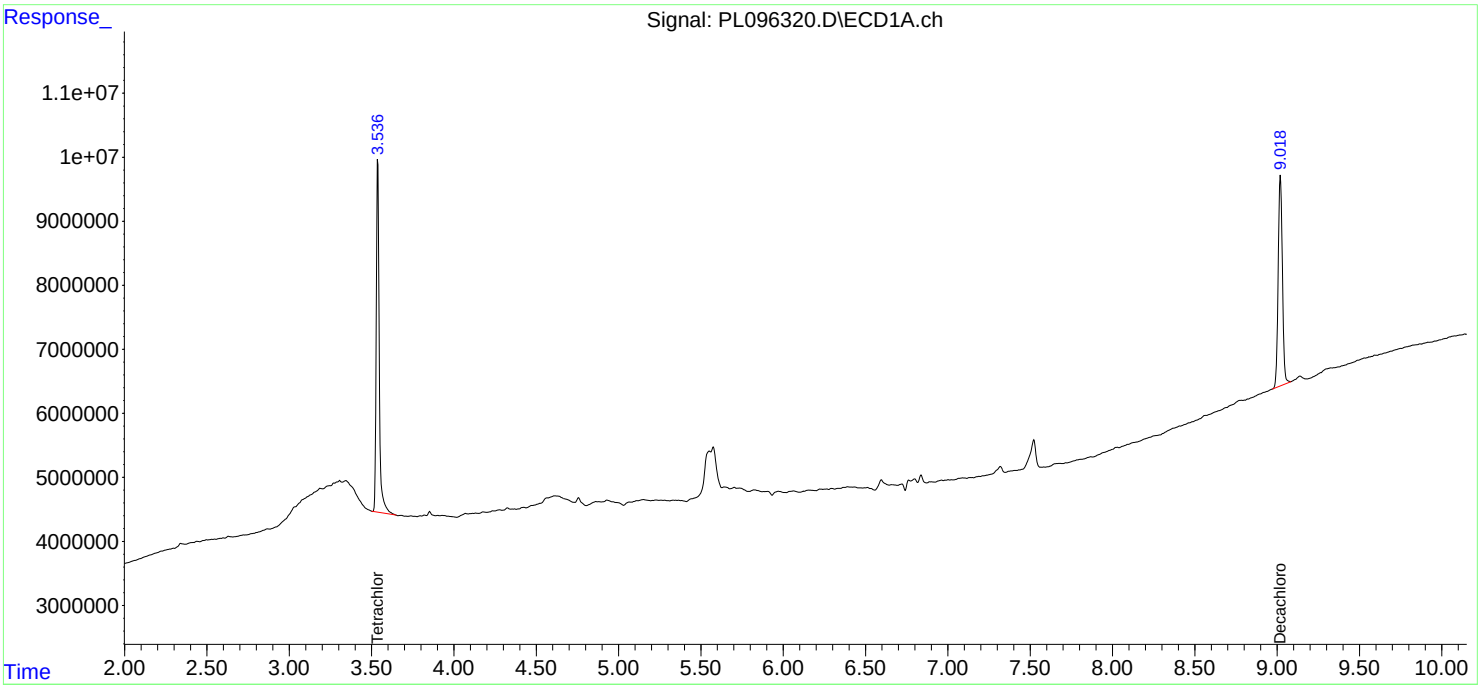
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

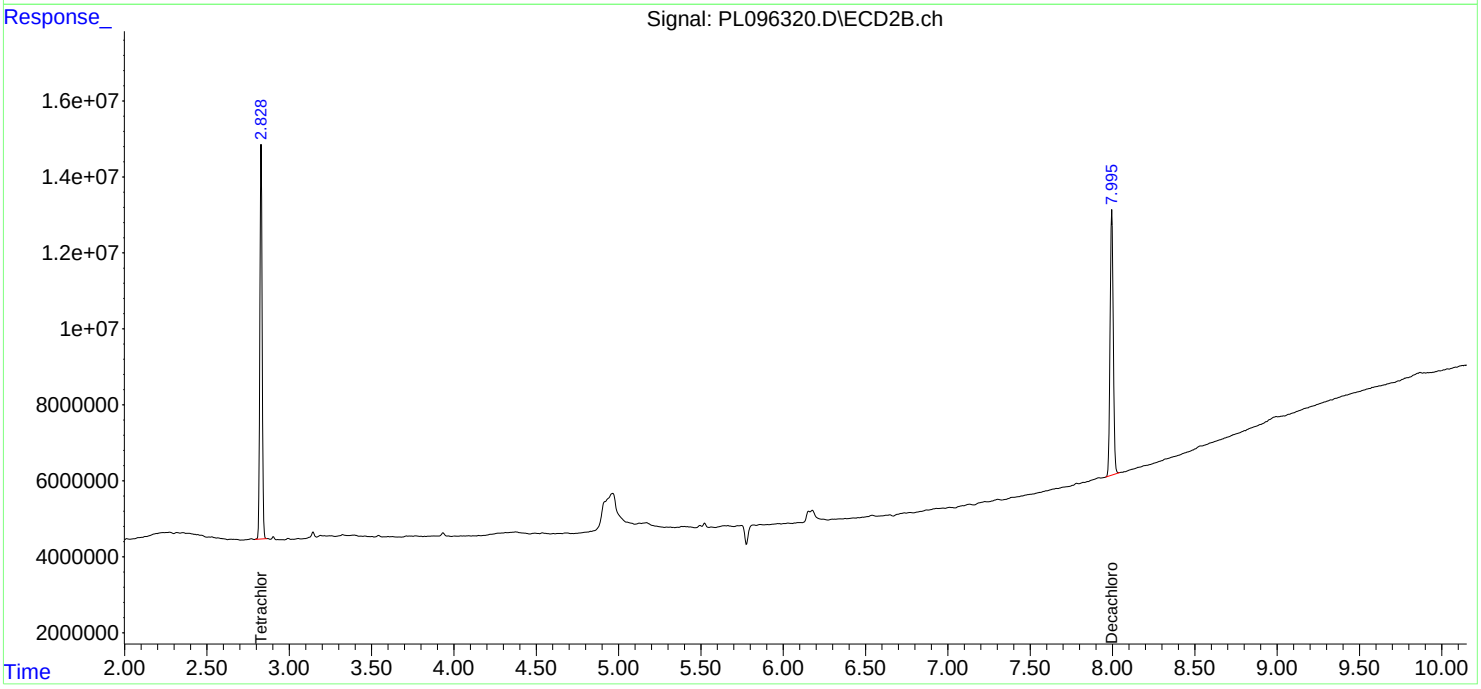
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 18:55
Operator : AR\AJ
Sample : PB168789BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

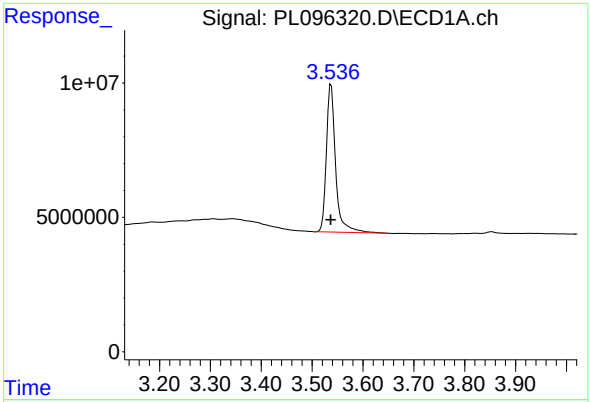
Instrument :
ECD_L
ClientSampleId :
PB168789BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:23 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



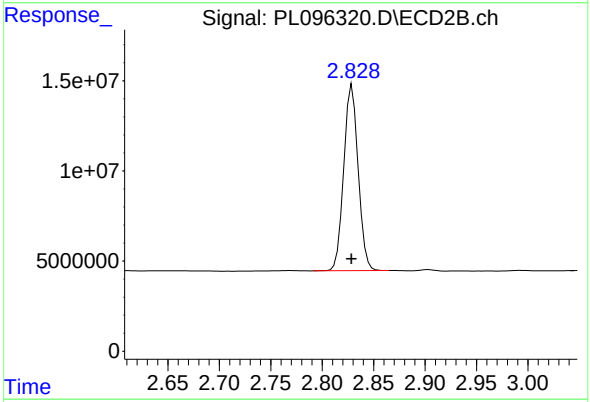




#1 Tetrachloro-m-xylene

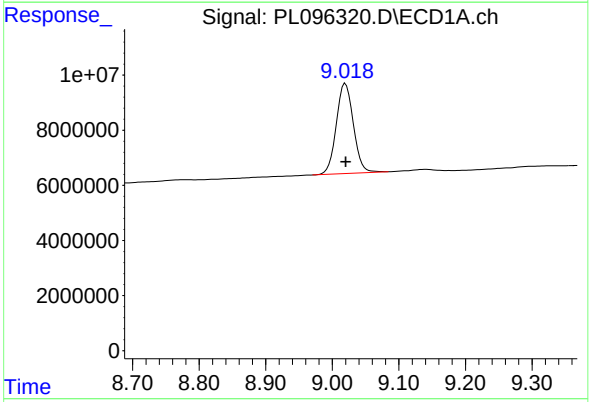
R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 69246219
Conc: 18.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168789BL



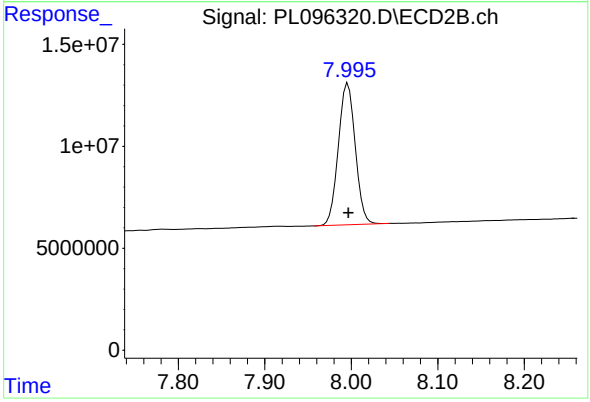
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 100548977
Conc: 17.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 58274569
Conc: 20.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 94095955
Conc: 18.87 ng/ml

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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/07/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/07/25
Client Sample ID:	PIBLK-PL096237.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096237.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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

Raw Data: **PL096237.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/07/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/07/25
Client Sample ID:	PIBLK-PL096237.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096237.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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

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						

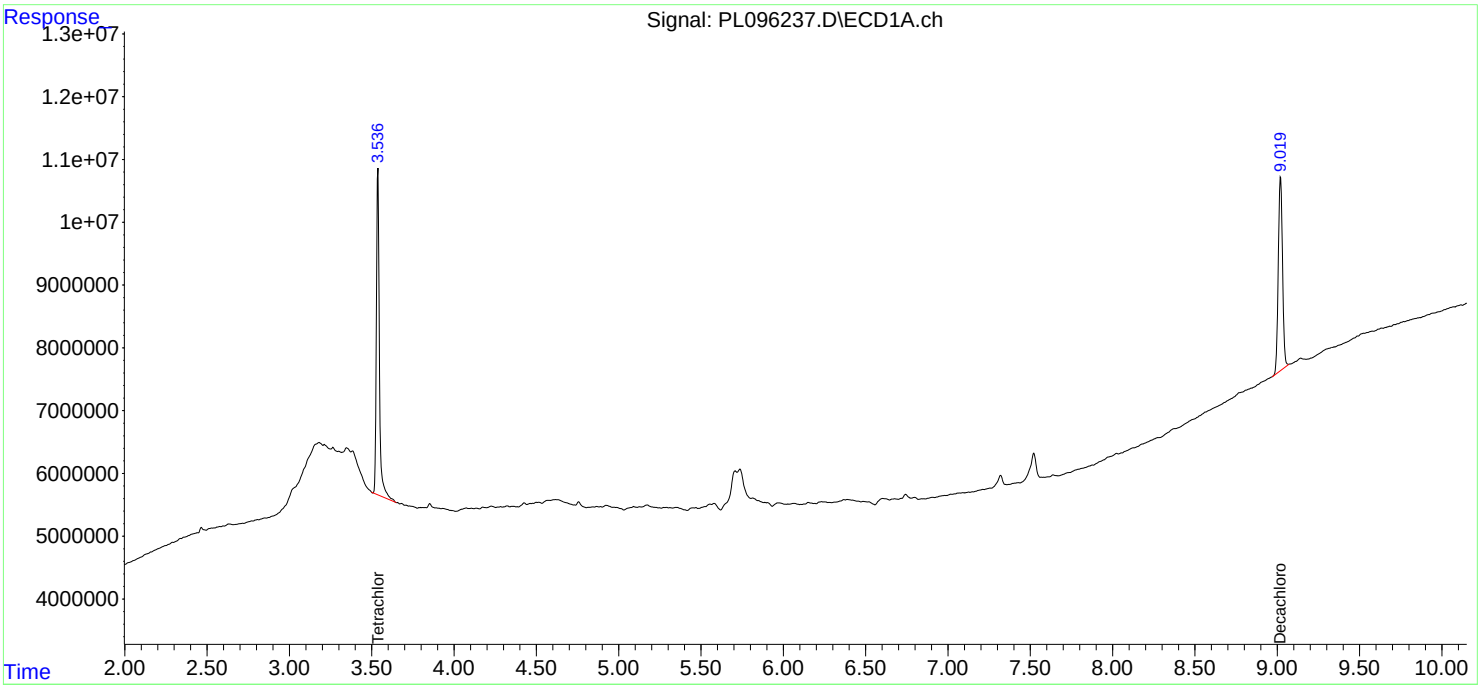
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

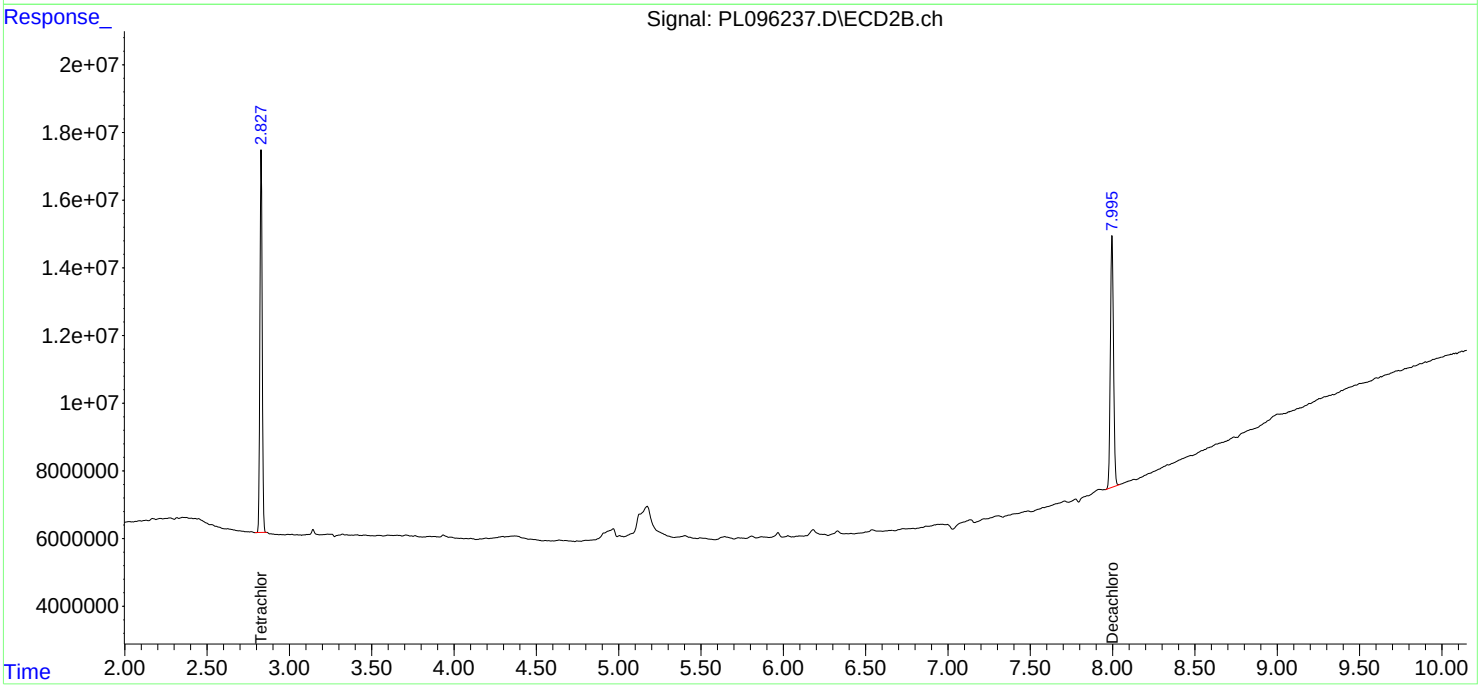
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 10:12
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

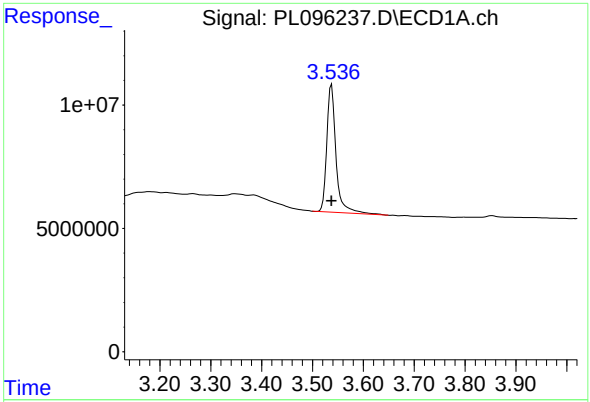
Instrument :
ECD_L
ClientSampleId :
I.BLK

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



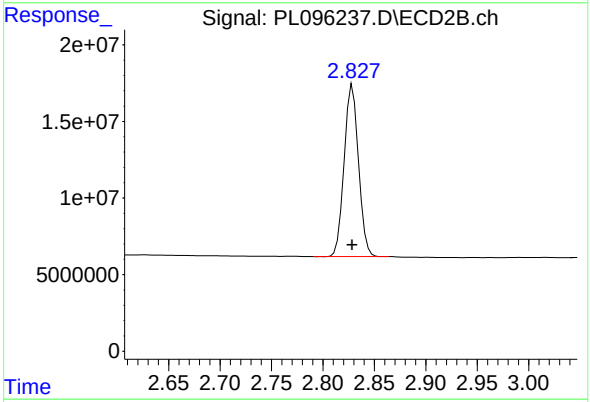




#1 Tetrachloro-m-xylene

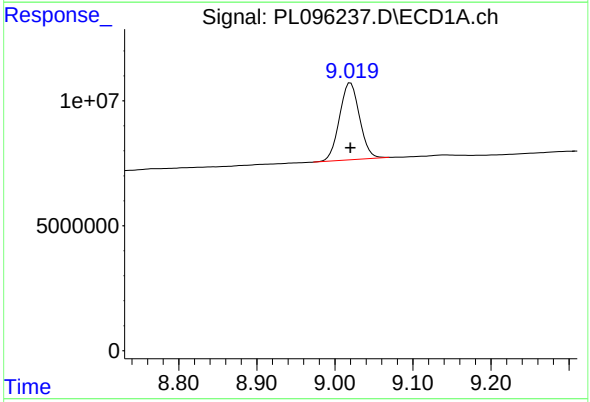
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 65245651
Conc: 17.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



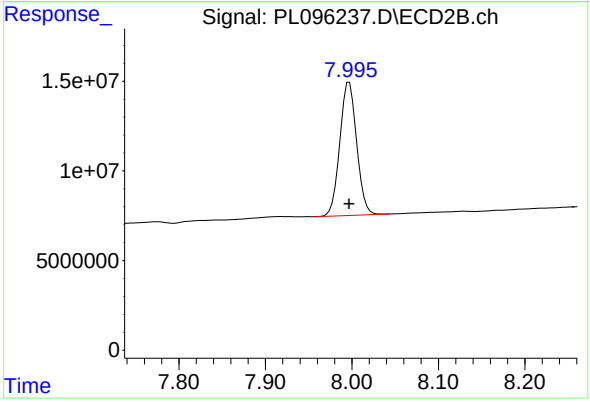
#1 Tetrachloro-m-xylene

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

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/10/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/10/25
Client Sample ID:	PIBLK-PL096314.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096314.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096314.D	1		07/10/25	pl071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	22.4		57 - 171	112%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.9		61 - 148	104%	SPK: 20

Raw Data: **PL096314.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/10/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/10/25
Client Sample ID:	PIBLK-PL096314.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096314.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096314.D	1		07/10/25	pl071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096314.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 17:15
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 10 23:03:29 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...	3.536	2.824	76077548	110.2E6	20.849	19.103
28)	SA Decachlor...	9.024	7.995	62934705	101.2E6	22.372	20.290
	Target Compounds						

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

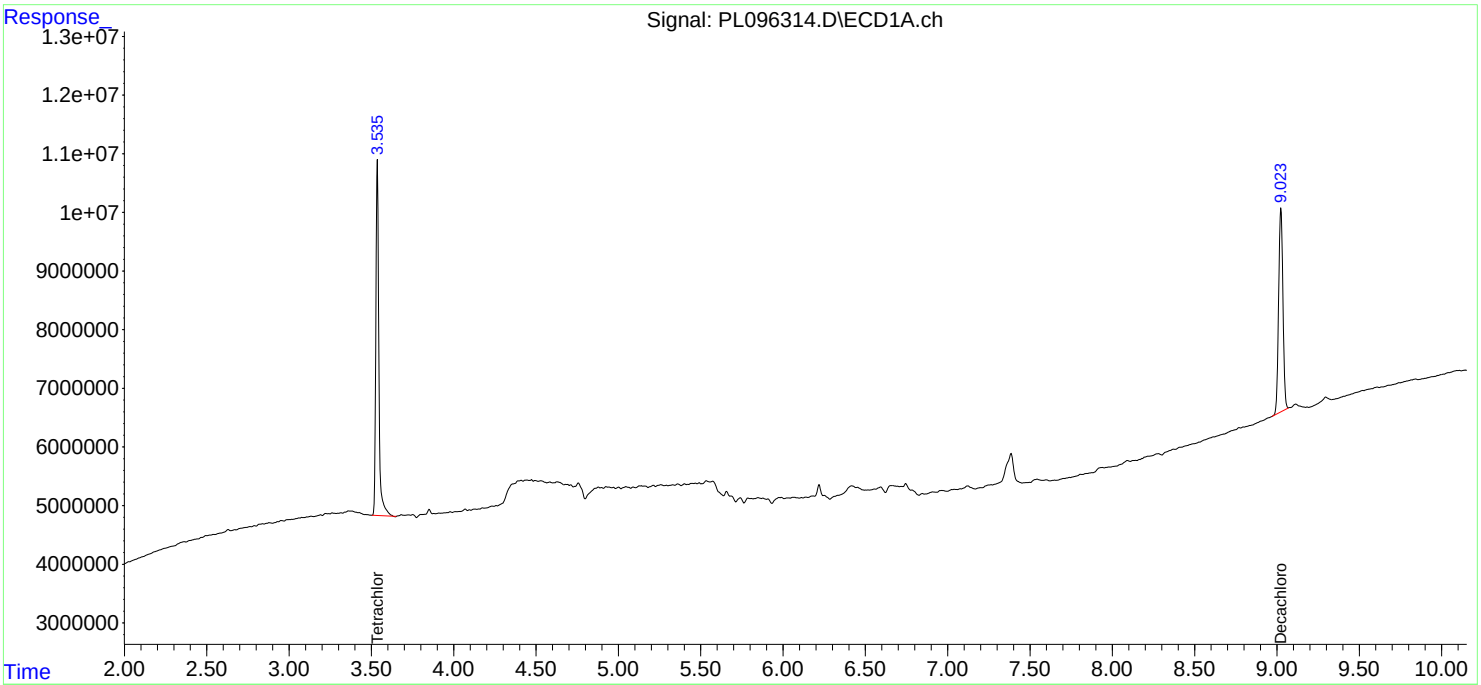
Sample Results: **PL096314.D**

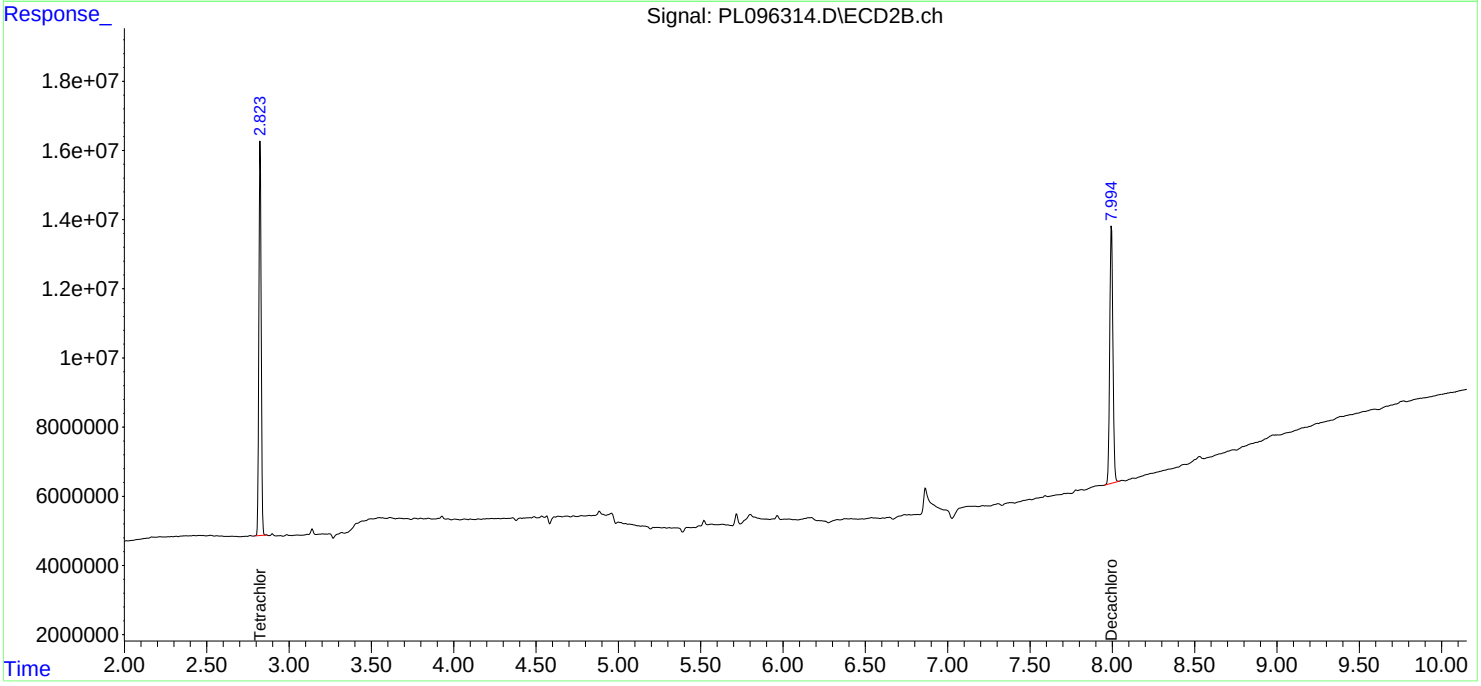
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 17:15
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

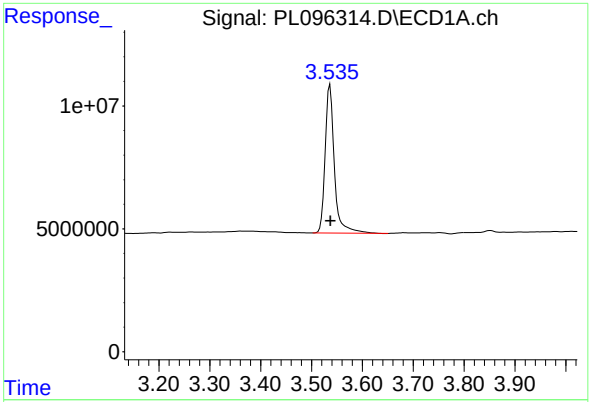
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:03:29 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



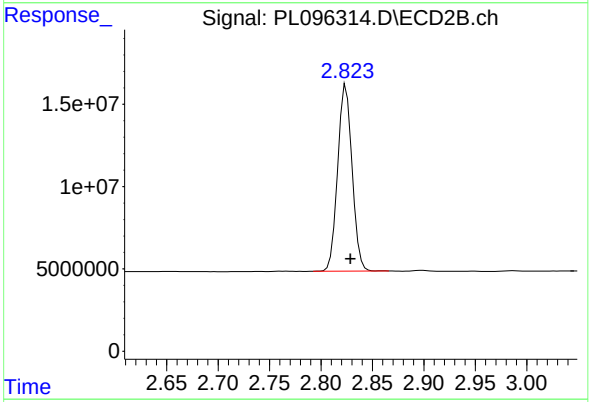




#1 Tetrachloro-m-xylene

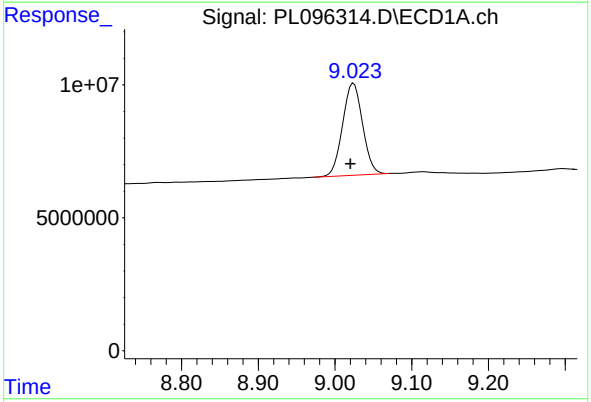
R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 76077548
Conc: 20.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



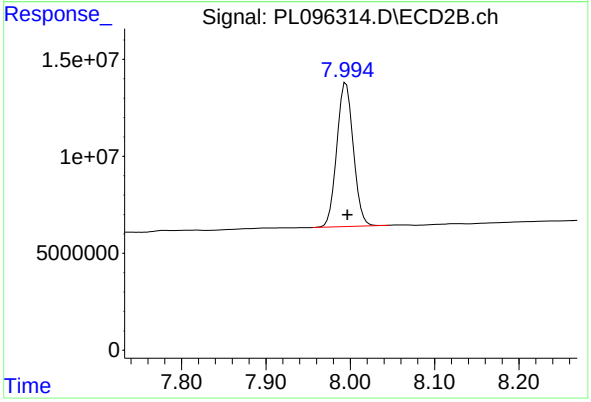
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 110245780
Conc: 19.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.004 min
Response: 62934705
Conc: 22.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 101175105
Conc: 20.29 ng/ml

Raw Data: **PL096323.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/10/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/10/25
Client Sample ID:	PIBLK-PL096323.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096323.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096323.D	1		07/10/25	pl071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	22.8		57 - 171	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		61 - 148	105%	SPK: 20

Raw Data: **PL096323.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/10/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/10/25
Client Sample ID:	PIBLK-PL096323.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096323.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096323.D	1		07/10/25	pl071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096323.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:36
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 11 02:37:48 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	76693379	108.4E6	21.018	18.790
28)	SA Decachlor...	9.020	7.995	64052119	102.3E6	22.770	20.507
	Target Compounds						

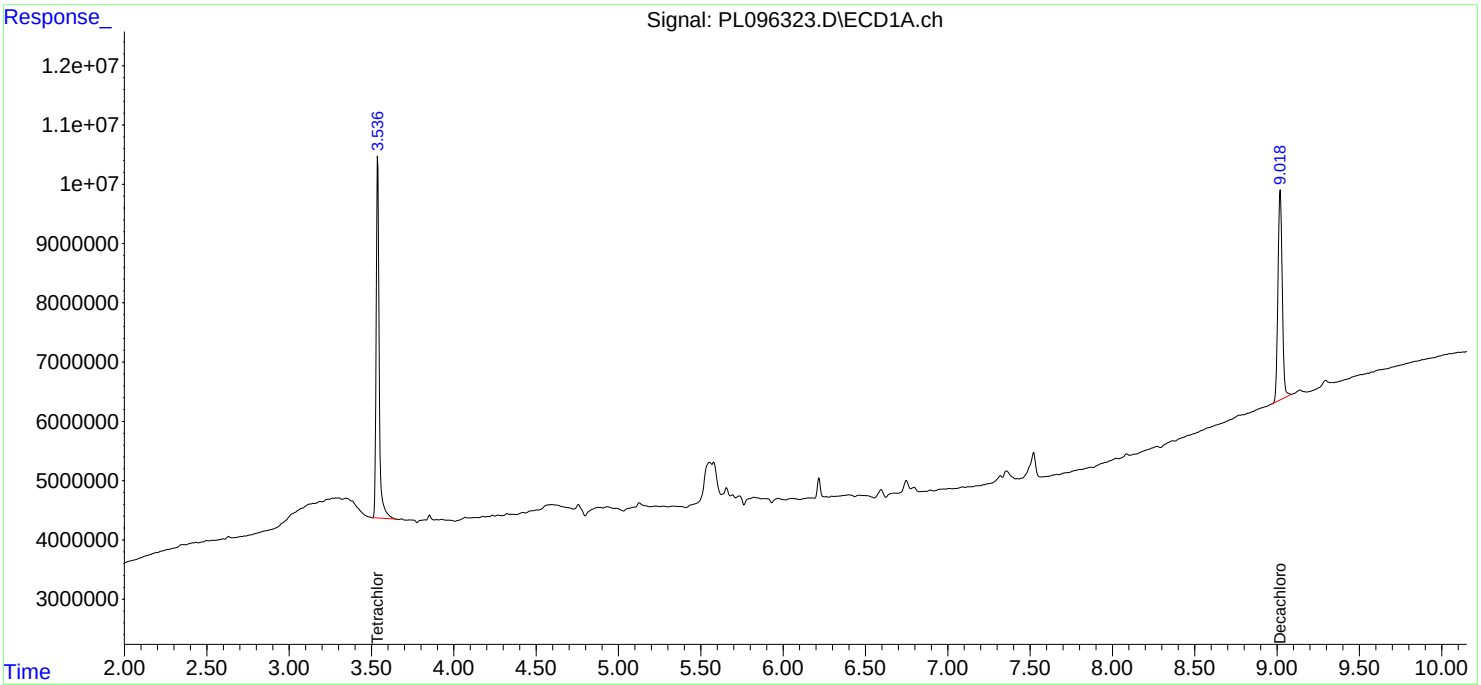
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

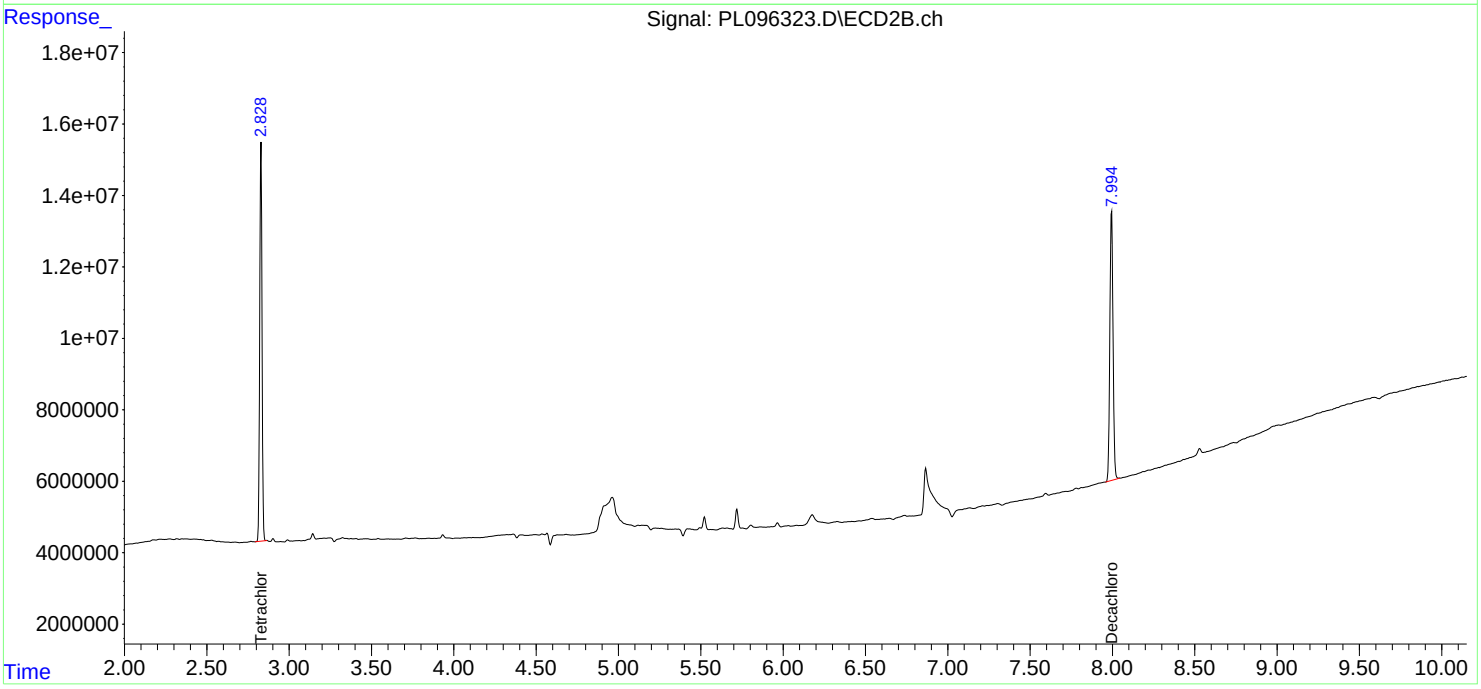
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:36
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

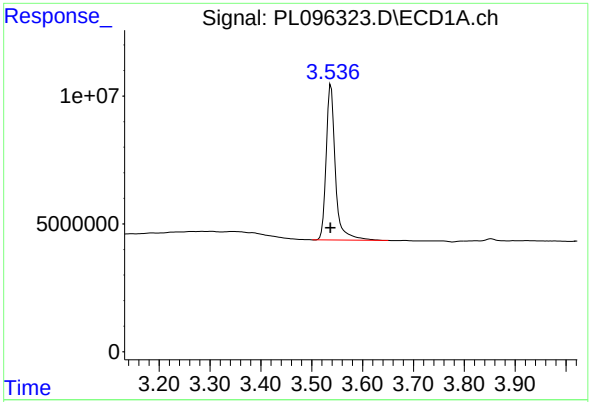
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:48 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



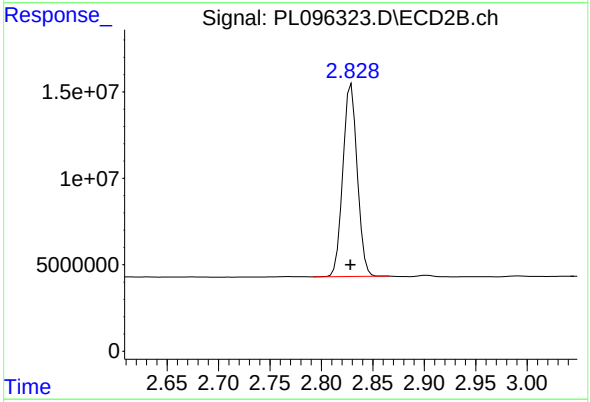




#1 Tetrachloro-m-xylene

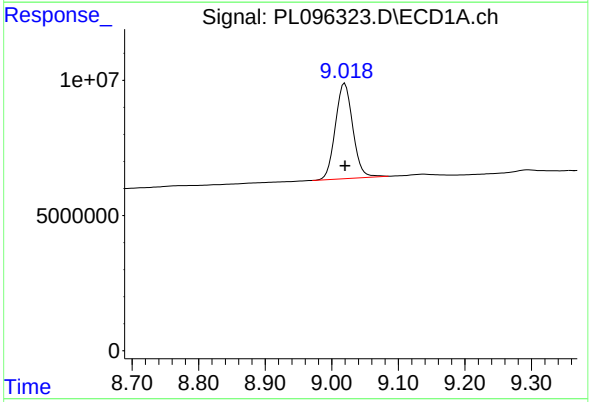
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 76693379
Conc: 21.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



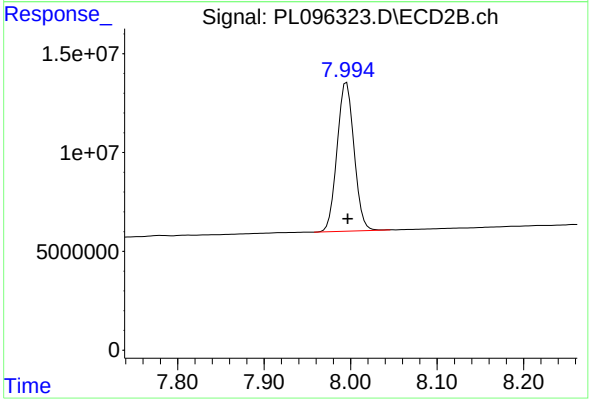
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 108440187
Conc: 18.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 64052119
Conc: 22.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 102257976
Conc: 20.51 ng/ml

Raw Data: **PL096336.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/10/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/10/25
Client Sample ID:	PIBLK-PL096336.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096336.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096336.D	1		07/10/25	pl071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	22.5		57 - 171	113%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.1		61 - 148	105%	SPK: 20

Raw Data: **PL096336.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/10/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/10/25
Client Sample ID:	PIBLK-PL096336.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096336.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096336.D	1		07/10/25	pl071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\PL071025\
Data File : PL096336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 22:47
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 11 02:39:54 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	76946336	108.1E6	21.087	18.735
28)	SA Decachlor...	9.020	7.995	63371872	100.5E6	22.528	20.150
	Target Compounds						

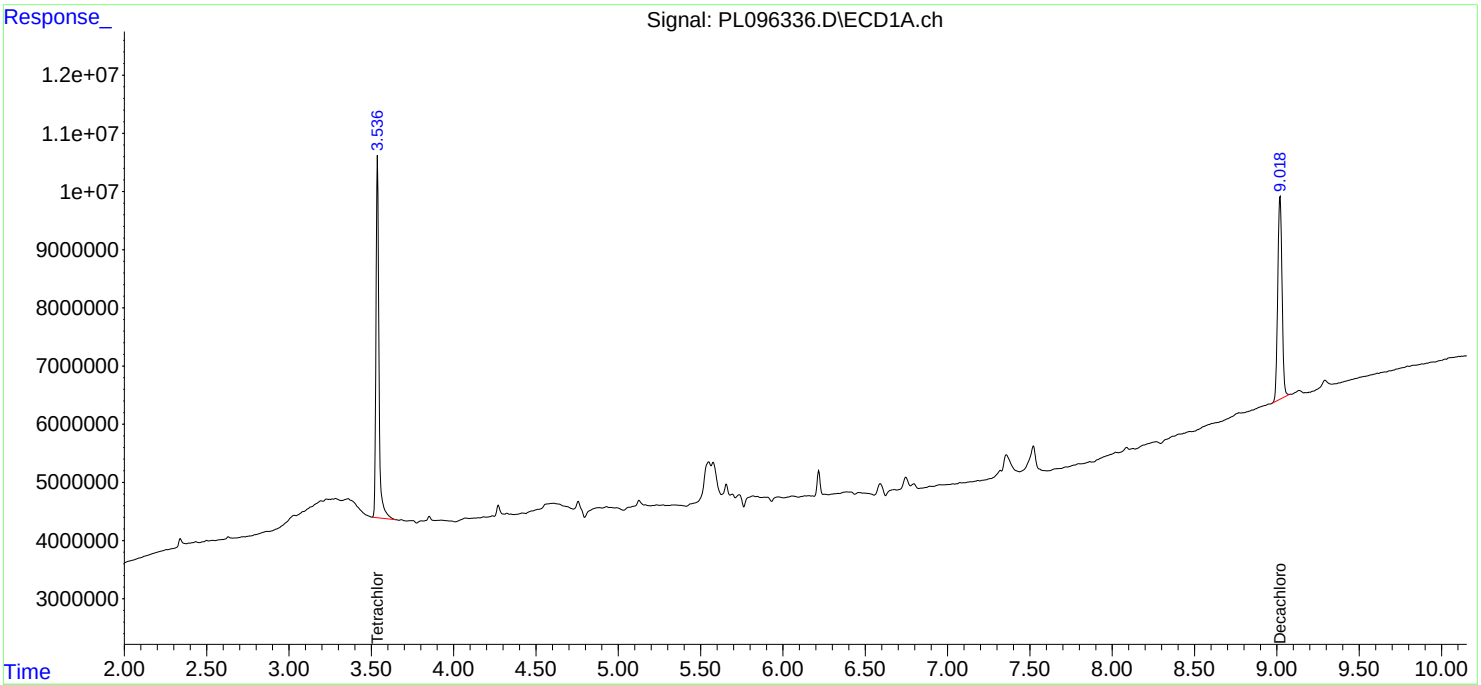
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

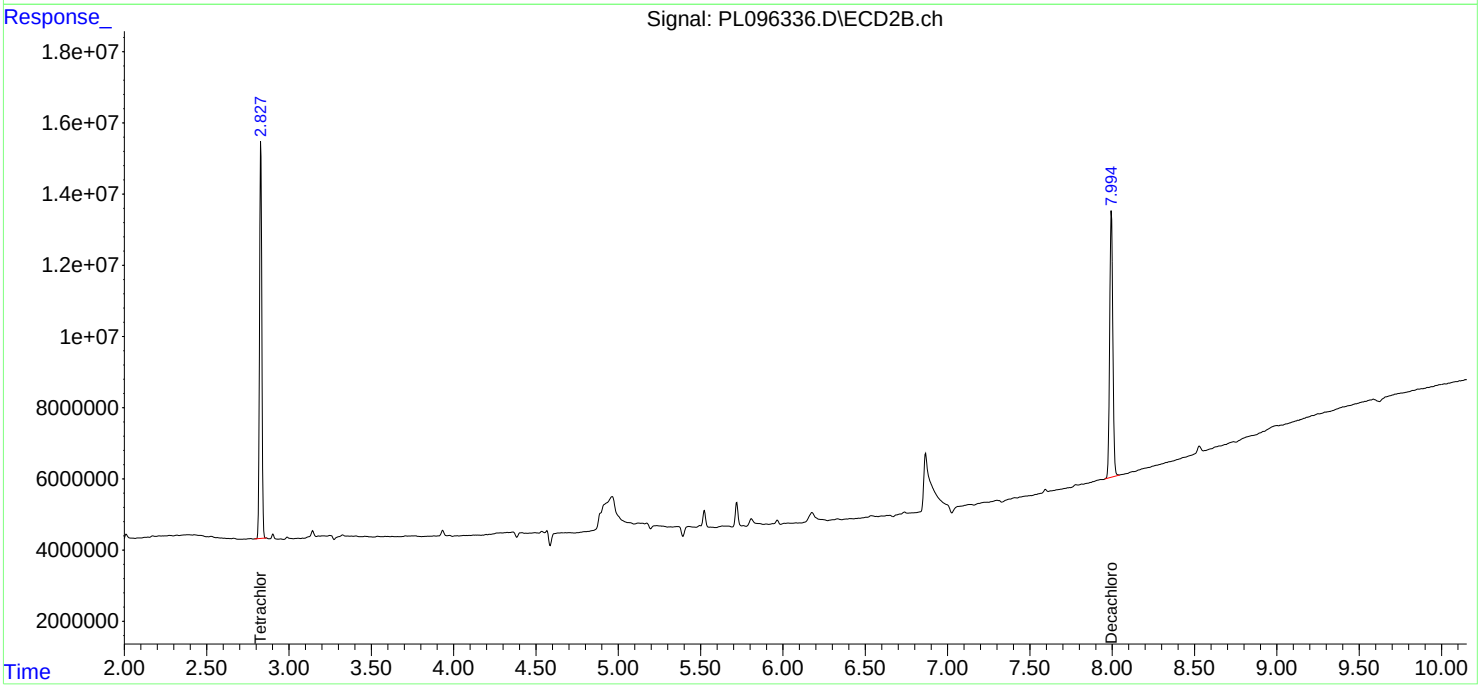
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 22:47
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

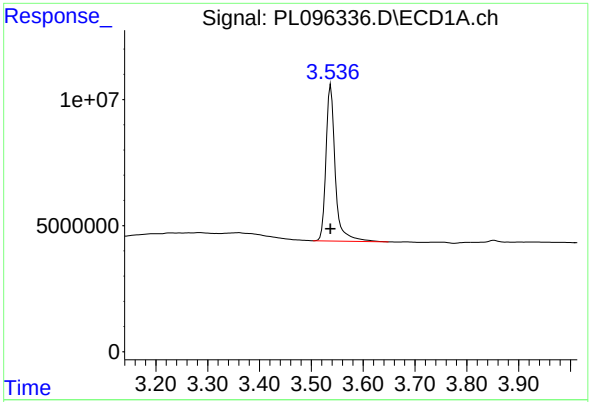
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:39:54 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



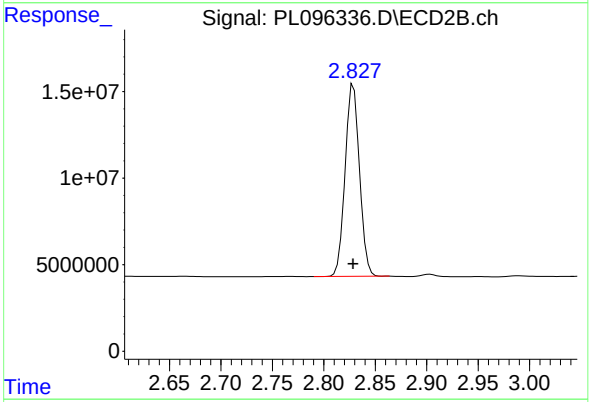




#1 Tetrachloro-m-xylene

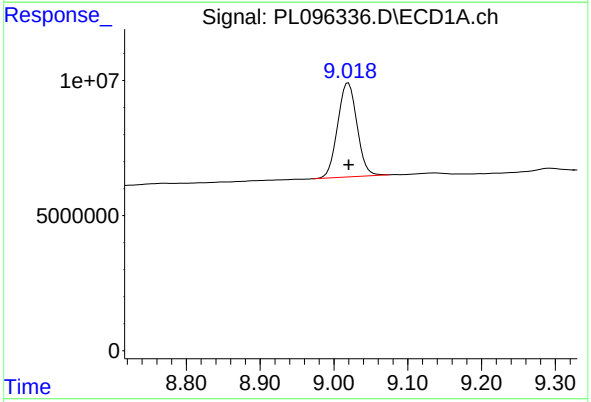
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 76946336
Conc: 21.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



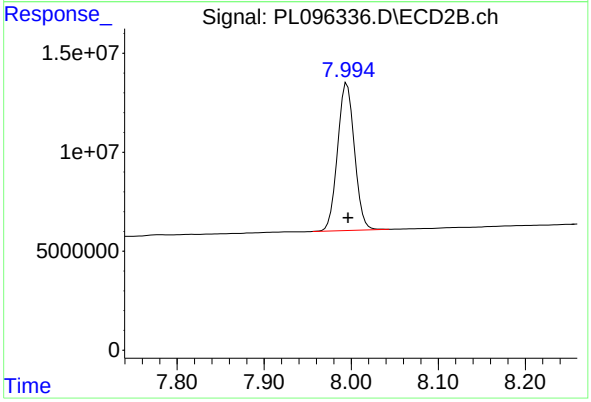
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 108122298
Conc: 18.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 63371872
Conc: 22.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 100478950
Conc: 20.15 ng/ml

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/11/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/11/25
Client Sample ID:	PIBLK-PL096339.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096339.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096339.D	1		07/11/25	pl071125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	21.4		61 - 148	107%	SPK: 20

Raw Data: **PL096339.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/11/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/11/25
Client Sample ID:	PIBLK-PL096339.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096339.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096339.D	1		07/11/25	pl071125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\PL071125\
Data File : PL096339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 14:55
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 11 22:48:44 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	2.825	78122247	109.9E6	21.409	19.039
28)	SA Decachlor...	9.022	7.995	71166992	113.1E6	25.299	22.691
	Target Compounds						

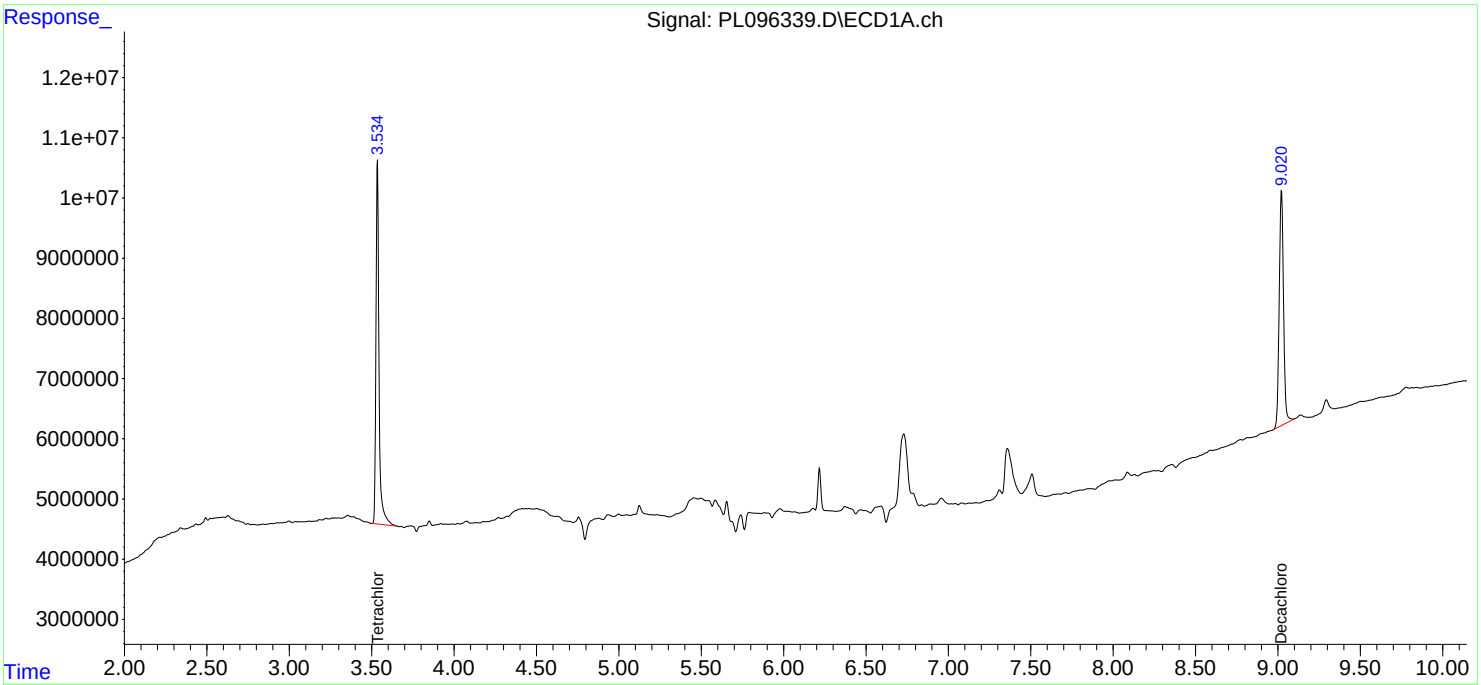
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

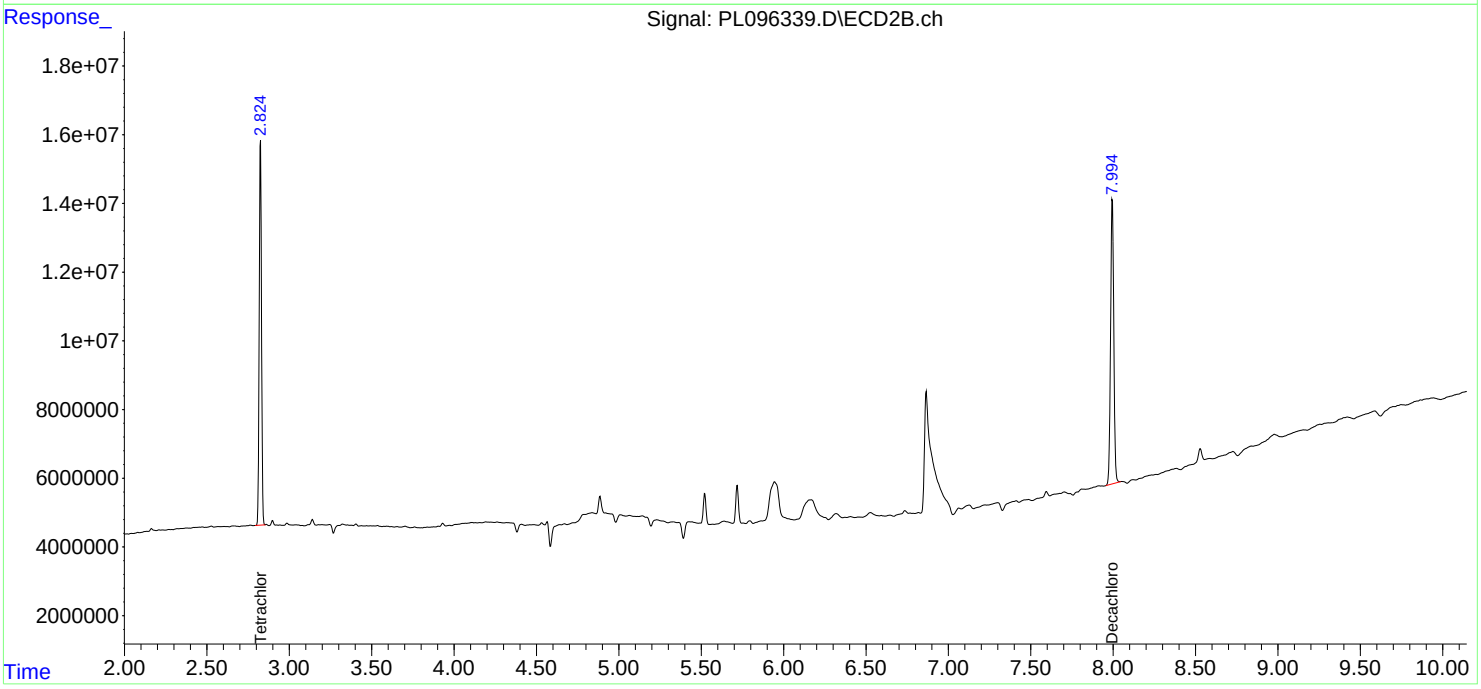
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 14:55
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

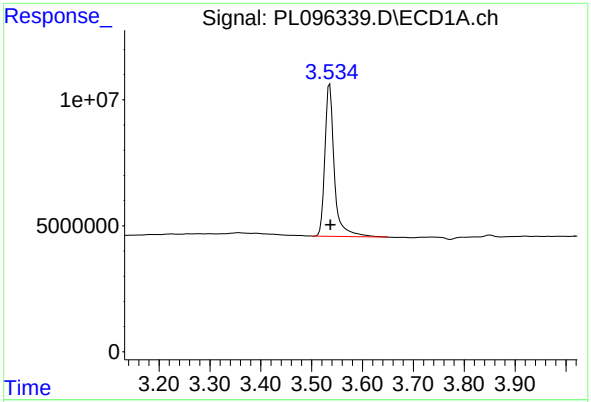
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:48:44 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



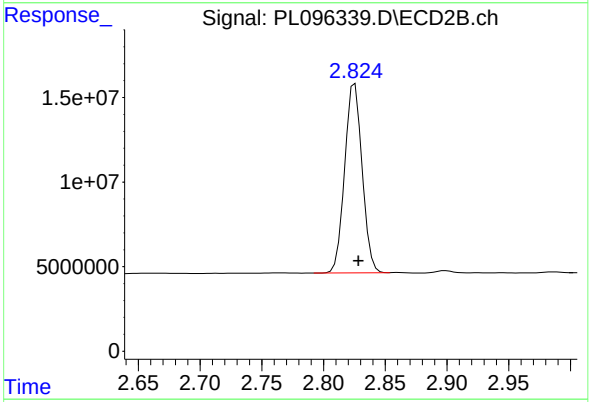




#1 Tetrachloro-m-xylene

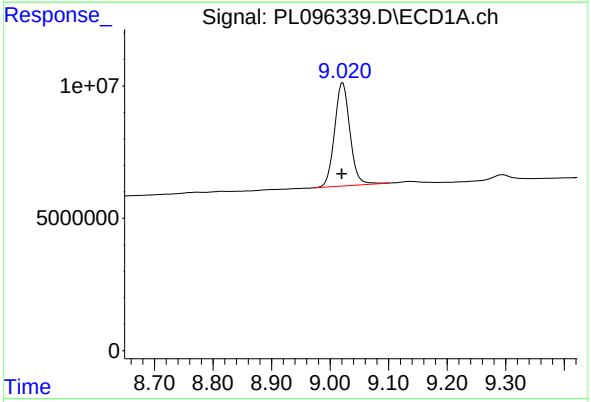
R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 78122247
Conc: 21.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



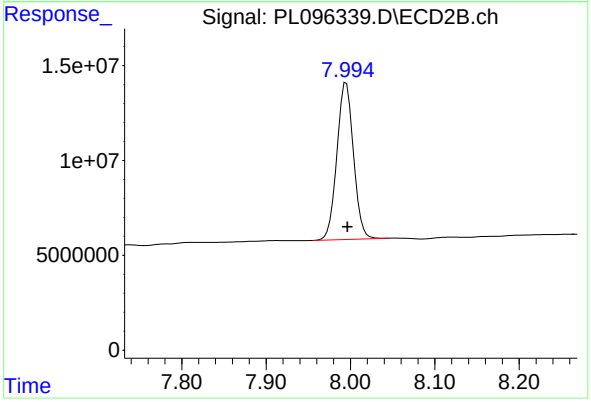
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 109876069
Conc: 19.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.002 min
Response: 71166992
Conc: 25.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 113148522
Conc: 22.69 ng/ml

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/11/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/11/25
Client Sample ID:	PIBLK-PL096345.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096345.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096345.D	1		07/11/25	pl071125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
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
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	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	24.6		57 - 171	123%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		61 - 148	108%	SPK: 20

Raw Data: **PL096345.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/11/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/11/25
Client Sample ID:	PIBLK-PL096345.D	SDG No.:	Q2489
Lab Sample ID:	I.BLK-PL096345.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096345.D	1		07/11/25	pl071125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096345.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:21
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 11 22:50:38 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	2.827	78912535	109.8E6	21.626	19.034
28)	SA Decachlor...	9.019	7.995	69083895	110.2E6	24.558	22.090
	Target Compounds						

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

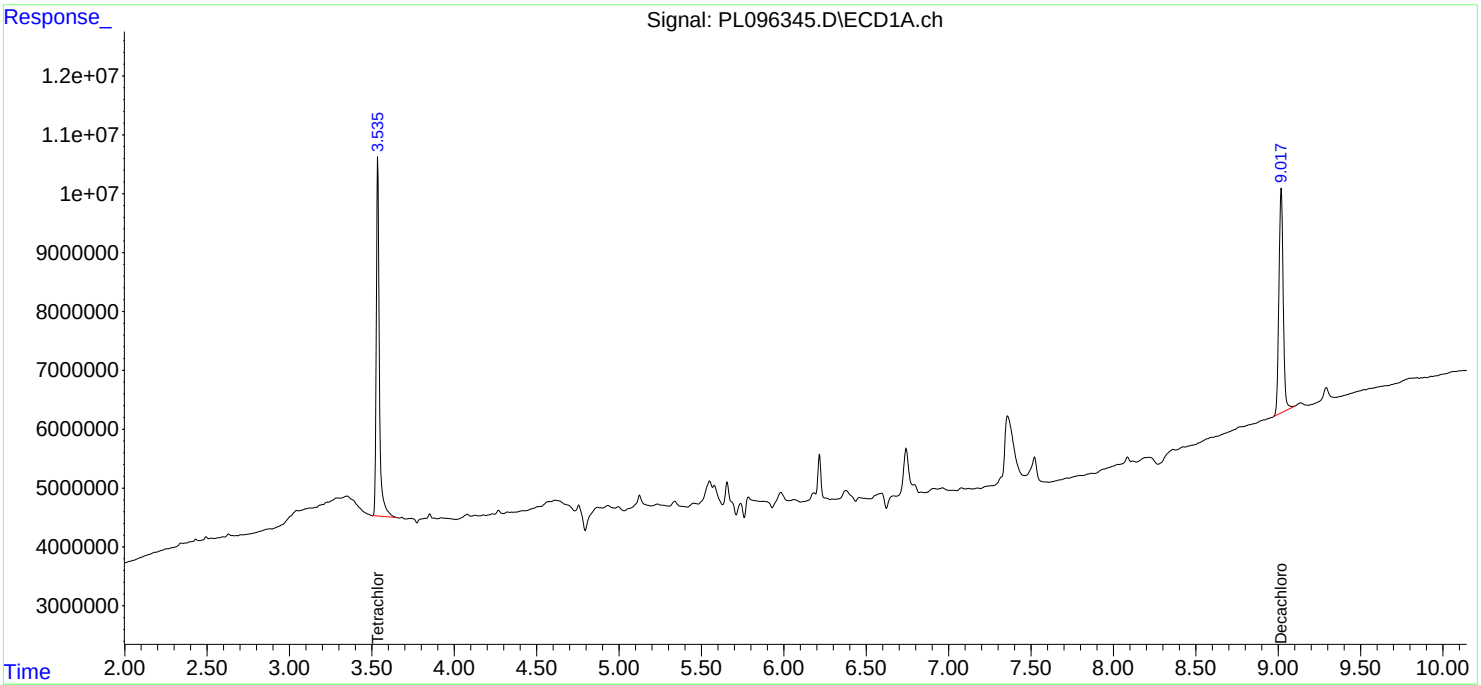
Sample Results: **PL096345.D**

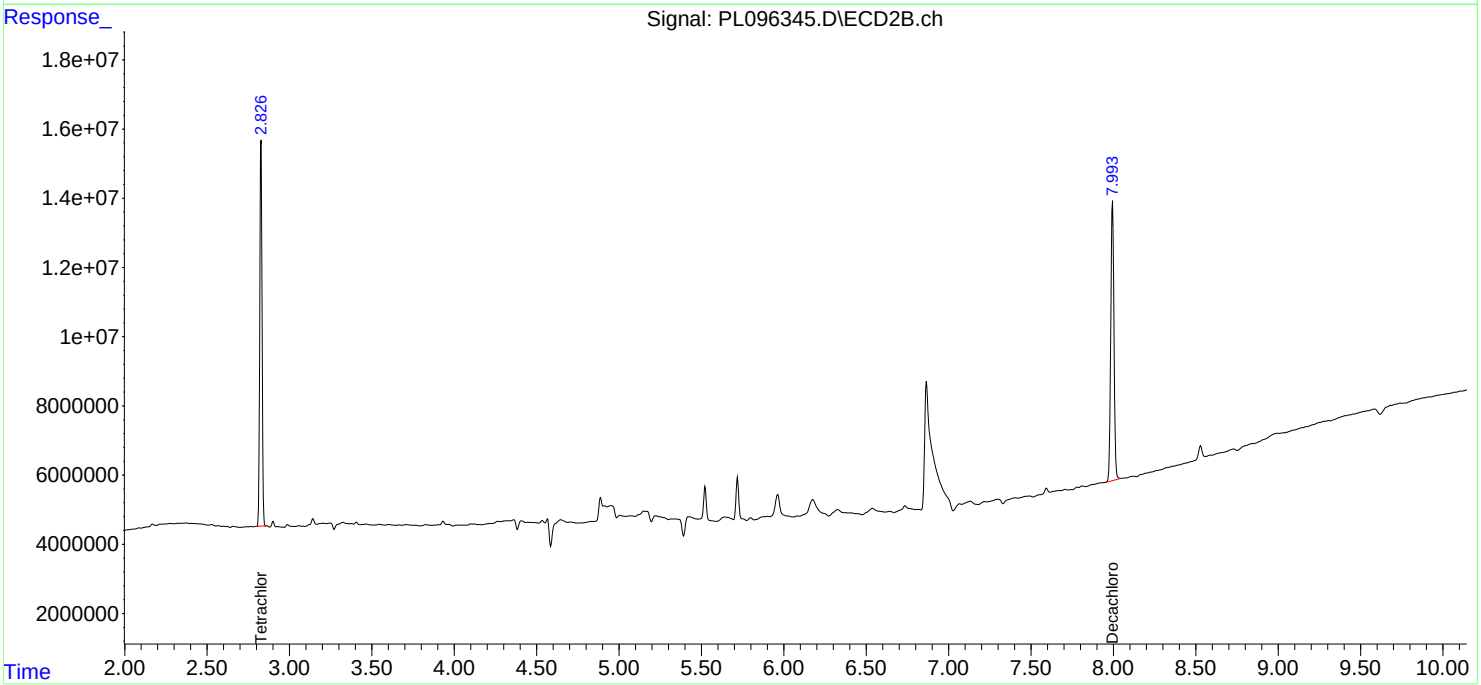
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:21
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

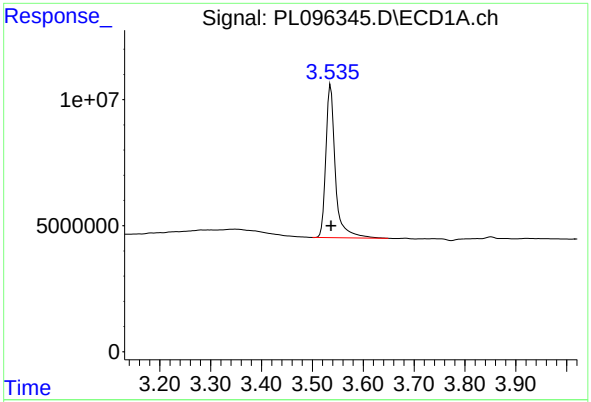
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:50:38 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



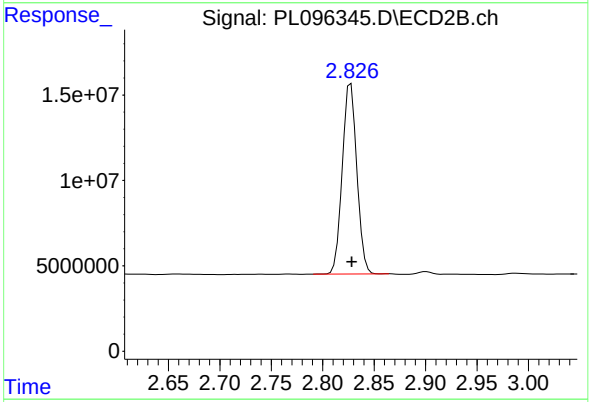




#1 Tetrachloro-m-xylene

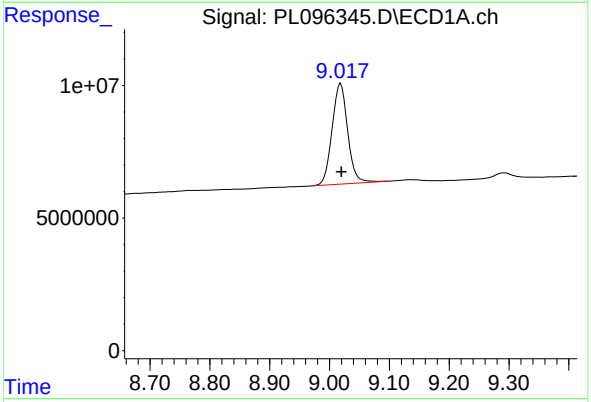
R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 78912535
Conc: 21.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



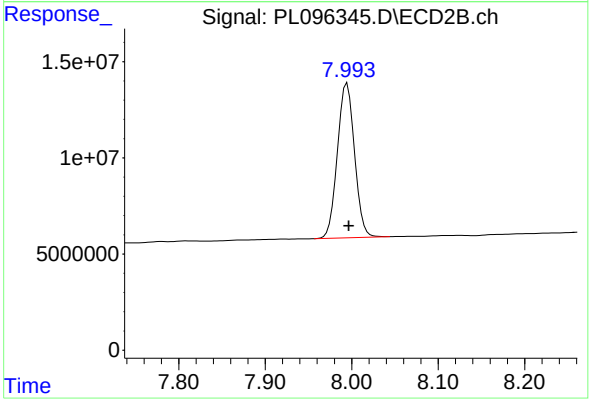
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 109847894
Conc: 19.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.019 min
Delta R.T.: -0.001 min
Response: 69083895
Conc: 24.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 110151009
Conc: 22.09 ng/ml

Raw Data: **PL096321.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168789BS	SDG No.:	Q2489
Lab Sample ID:	PB168789BS	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096321.D	1	07/09/25 11:39	07/10/25 19:09	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.53		0.0039	0.050	ug/L
319-85-7	beta-BHC	0.51		0.0049	0.050	ug/L
319-86-8	delta-BHC	0.53		0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.52		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.54		0.0027	0.050	ug/L
309-00-2	Aldrin	0.52		0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.55		0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.52		0.0031	0.050	ug/L
60-57-1	Dieldrin	0.53		0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.52		0.0037	0.050	ug/L
72-20-8	Endrin	0.51		0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.52		0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.56		0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.55		0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.51		0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.49		0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.56		0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.62		0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.52		0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.52		0.0039	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	20.4		57 - 171	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.7		61 - 148	94%	SPK: 20

Raw Data: **PL096321.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	PB168789BS	SDG No.:	Q2489
Lab Sample ID:	PB168789BS	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096321.D	1	07/09/25 11:39	07/10/25 19:09	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\PL071025\
Data File : PL096321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:09
Operator : AR\AJ
Sample : PB168789BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB168789BS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:29 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...	3.538	2.829	68279515	94996461	18.712	16.460
28) SA	Decachlor...	9.020	7.996	57454916	93669679	20.424	18.785
	Target Compounds						
2) A	alpha-BHC	3.986	3.335	270.3E6	385.0E6	52.556	45.651
3) MA	gamma-BHC...	4.314	3.667	258.9E6	359.8E6	51.991	45.681
4) MA	Heptachlor	4.906	4.016	246.8E6	342.0E6	53.868	44.954
5) MB	Aldrin	5.246	4.300	249.2E6	336.4E6	51.558	46.108
6) B	beta-BHC	4.500	3.963	106.2E6	151.5E6	51.100	44.256
7) B	delta-BHC	4.745	4.197	238.9E6	353.2E6	53.304	45.859
8) B	Heptachlo...	5.664	4.802	227.2E6	305.7E6	54.746m	45.737
9) A	Endosulfan I	6.047	5.173	211.2E6	287.8E6	52.319	40.115
10) B	gamma-Chl...	5.919	5.054	229.7E6	321.7E6	51.913	45.822
11) B	alpha-Chl...	6.000	5.118	228.1E6	316.4E6	52.086	42.078
12) B	4,4'-DDE	6.169	5.307	193.2E6	301.4E6	52.120	46.633
13) MA	Dieldrin	6.319	5.438	222.9E6	316.3E6	52.703	46.381
14) MA	Endrin	6.546	5.712	157.1E6	258.1E6	50.498	42.343
15) B	Endosulfa...	6.758	6.004	181.5E6	273.6E6	52.313	46.664
16) A	4,4'-DDD	6.678	5.859	163.6E6	263.7E6	56.179	51.415
17) MA	4,4'-DDT	6.992	6.112	154.0E6	240.8E6	50.743	41.985
18) B	Endrin al...	6.886	6.182	139.3E6	214.6E6	62.294	48.166
19) B	Endosulfa...	7.120	6.405	166.9E6	263.8E6	54.570	46.901
20) A	Methoxychlor	7.464	6.685	76753904	126.6E6	48.720	41.683
21) B	Endrin ke...	7.600	6.910	185.0E6	311.1E6	56.039	49.763
22)	Mirex	8.080	7.101	135.9E6	216.5E6	48.849	43.582

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

Sample Results: **PL096321.D**

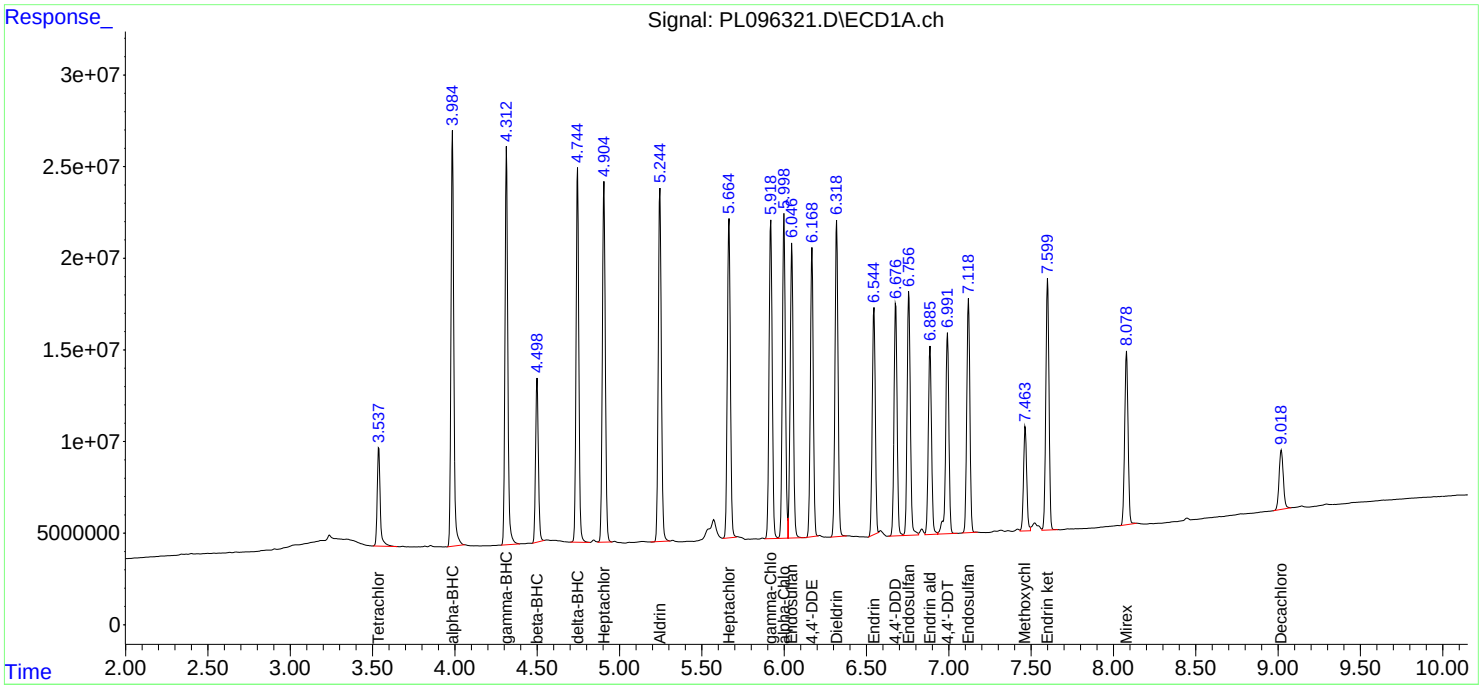
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:09
Operator : AR\AJ
Sample : PB168789BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

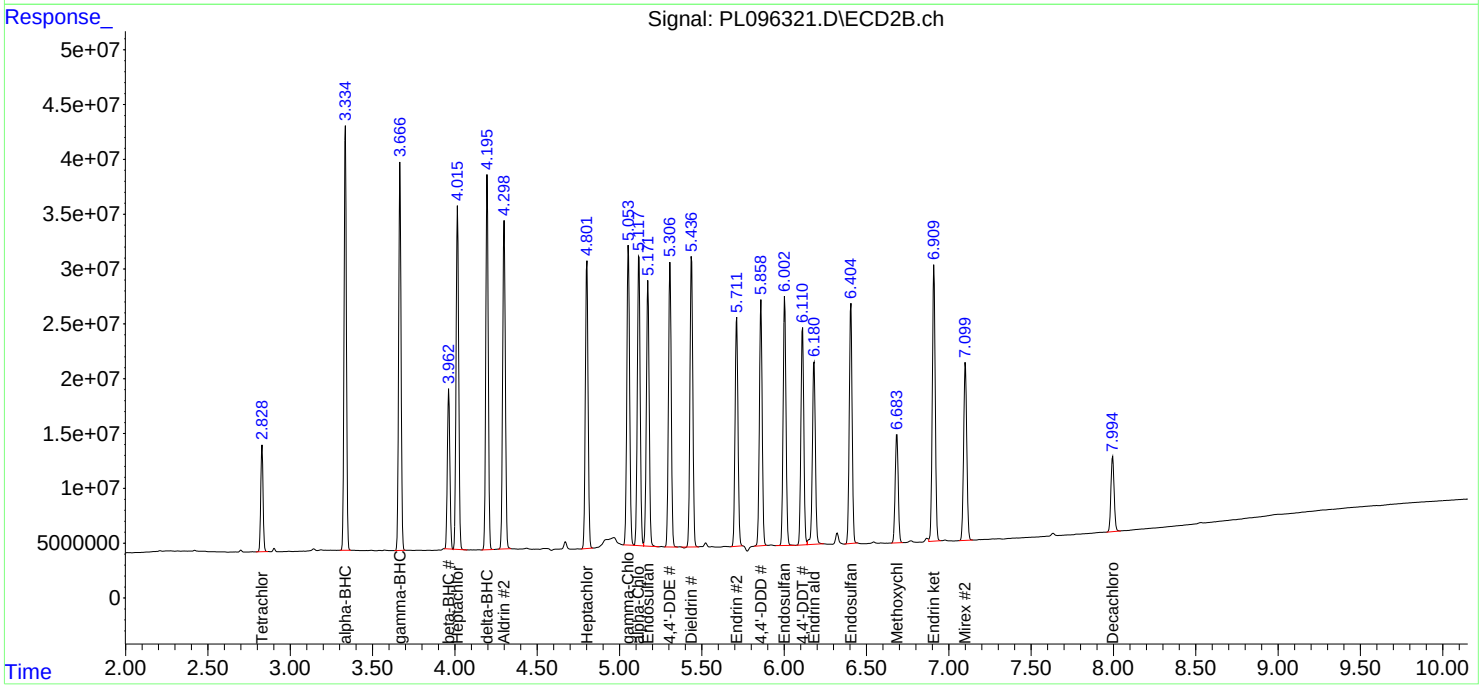
Instrument :
ECD_L
ClientSampleId :
PB168789BS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:37:29 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





Raw Data: **PL096343.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)MS	SDG No.:	Q2489
Lab Sample ID:	Q2489-01MS	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096343.D	1	07/09/25 11:39	07/11/25 15:54	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.60		0.0039	0.050	ug/L
319-85-7	beta-BHC	0.59		0.0049	0.050	ug/L
319-86-8	delta-BHC	0.61		0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.59		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.59		0.0027	0.050	ug/L
309-00-2	Aldrin	0.55		0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.66		0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.59		0.0031	0.050	ug/L
60-57-1	Dieldrin	0.60		0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.58		0.0037	0.050	ug/L
72-20-8	Endrin	0.66		0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.59		0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.60		0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.61		0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.59		0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.65		0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.85		0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.68		0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.58		0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.57		0.0039	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	23.4		57 - 171	117%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		61 - 148	108%	SPK: 20

Raw Data: **PL096343.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)MS	SDG No.:	Q2489
Lab Sample ID:	Q2489-01MS	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096343.D	1	07/09/25 11:39	07/11/25 15:54	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096343.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 15:54
Operator : AR\AJ
Sample : Q2489-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:49:54 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	2.827	78688085	106.8E6	21.564	18.508
28)	SA Decachlor...	9.018	7.994	65963011	104.3E6	23.449	20.914
	Target Compounds						
2)	A alpha-BHC	3.984	3.333	308.8E6	436.5E6	60.041	51.750
3)	MA gamma-BHC...	4.311	3.665	295.9E6	405.8E6	59.423m	51.523
4)	MA Heptachlor	4.905	4.015	269.4E6	368.1E6	58.806	48.380
5)	MB Aldrin	5.243	4.296	263.5E6	349.2E6	54.512m	47.868m
6)	B beta-BHC	4.498	3.961	122.2E6	169.0E6	58.784	49.368
7)	B delta-BHC	4.744	4.195	273.5E6	397.4E6	61.038	51.602
8)	B Heptachlo...	5.662	4.800	275.1E6	334.4E6	66.314m	50.018
9)	A Endosulfan I	6.044	5.171	240.1E6	316.8E6	59.473m	44.154 #
10)	B gamma-Chl...	5.916	5.051	250.2E6	354.7E6	56.541m	50.532m
11)	B alpha-Chl...	5.997	5.115	253.6E6	353.7E6	57.923m	47.033m
12)	B 4,4'-DDE	6.167	5.305	214.3E6	325.7E6	57.796m	50.388
13)	MA Dieldrin	6.318	5.435	252.2E6	365.3E6	59.634	53.573m
14)	MA Endrin	6.543	5.711	206.5E6	345.8E6	66.386m	56.726
15)	B Endosulfa...	6.756	6.002	205.6E6	298.1E6	59.263m	50.841
16)	A 4,4'-DDD	6.675	5.858	176.0E6	276.7E6	60.450m	53.951
17)	MA 4,4'-DDT	6.990	6.110	177.5E6	291.8E6	58.496m	50.886
18)	B Endrin al...	6.884	6.180	151.9E6	235.2E6	67.928m	52.799
19)	B Endosulfa...	7.118	6.404	186.8E6	289.1E6	61.075	51.400
20)	A Methoxychlor	7.462	6.683	101.7E6	159.3E6	64.554m	52.432
21)	B Endrin ke...	7.598	6.906	195.9E6	530.0E6	59.341	84.767m#
22)	Mirex	8.079	7.099	164.5E6	248.1E6	59.124	49.935

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

Sample Results: **PL096343.D**

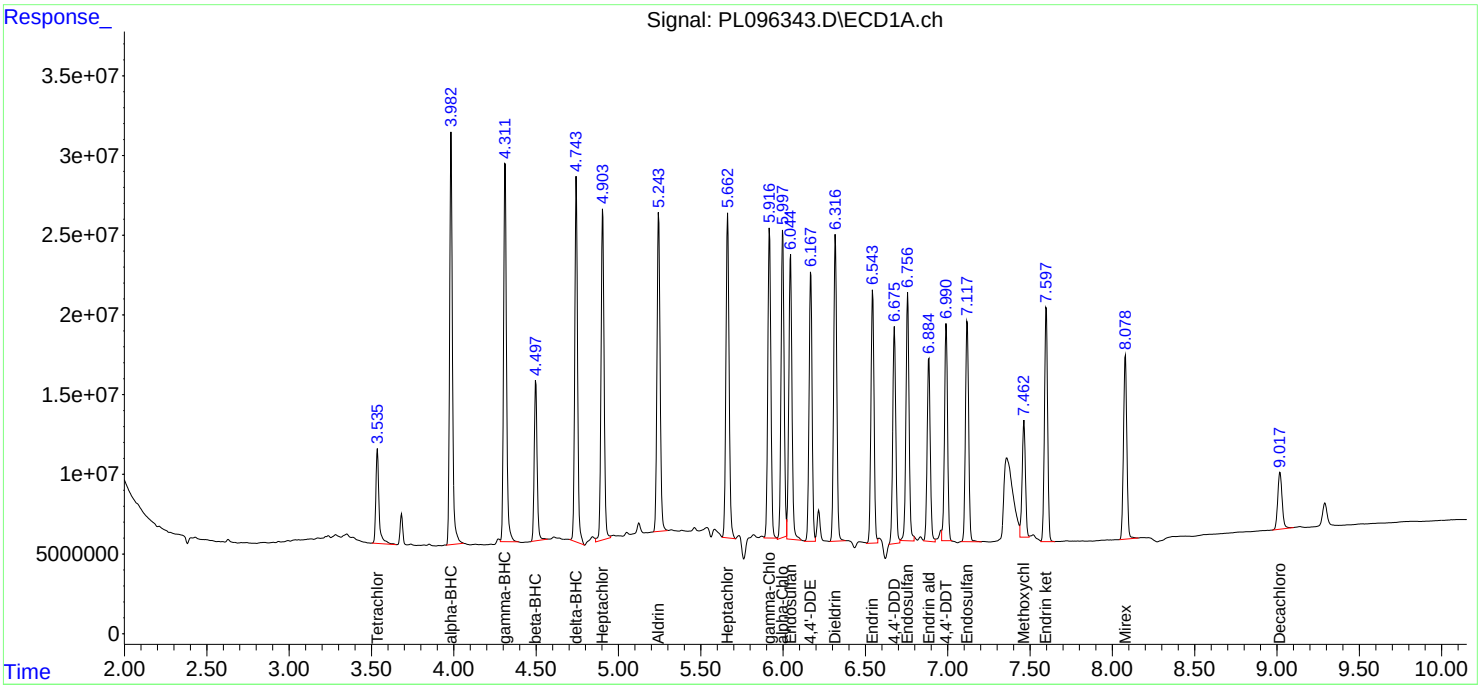
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 15:54
Operator : AR\AJ
Sample : Q2489-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

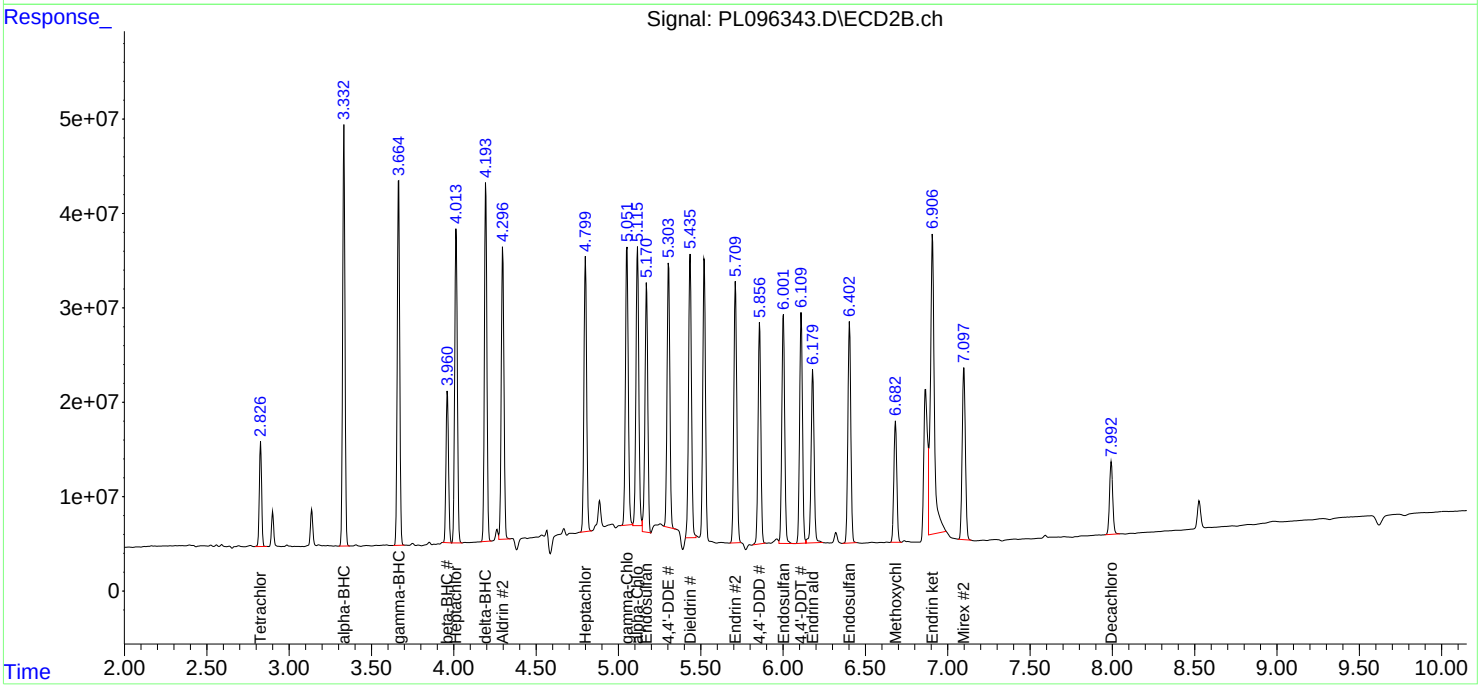
Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:49:54 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: **PL096344.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)MSD	SDG No.:	Q2489
Lab Sample ID:	Q2489-01MSD	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096344.D	1	07/09/25 11:39	07/11/25 16:08	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.54		0.0039	0.050	ug/L
319-85-7	beta-BHC	0.53		0.0049	0.050	ug/L
319-86-8	delta-BHC	0.55		0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.54		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.54		0.0027	0.050	ug/L
309-00-2	Aldrin	0.50		0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.60		0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.53		0.0031	0.050	ug/L
60-57-1	Dieldrin	0.54		0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.52		0.0037	0.050	ug/L
72-20-8	Endrin	0.60		0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.53		0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.55		0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.55		0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.54		0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.55		0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.62		0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.61		0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.53		0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.51		0.0039	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	21.2		57 - 171	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		61 - 148	102%	SPK: 20

Raw Data: **PL096344.D**

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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G4(0-6)MSD	SDG No.:	Q2489
Lab Sample ID:	Q2489-01MSD	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP 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
PL096344.D	1	07/09/25 11:39	07/11/25 16:08	PB168789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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: **PL096344.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:08
Operator : AR\AJ
Sample : Q2489-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:50:16 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	2.827	74258132	101.6E6	20.350	17.597
28)	SA Decachlor...	9.018	7.994	59632795	94996314	21.199	19.051
	Target Compounds						
2)	A alpha-BHC	3.984	3.333	280.1E6	393.9E6	54.452	46.707
3)	MA gamma-BHC...	4.311	3.666	267.8E6	364.9E6	53.778m	46.333
4)	MA Heptachlor	4.905	4.015	248.2E6	338.1E6	54.177	44.435
5)	MB Aldrin	5.245	4.297	242.9E6	316.9E6	50.251	43.432m
6)	B beta-BHC	4.498	3.962	109.7E6	153.8E6	52.773	44.934
7)	B delta-BHC	4.744	4.195	246.4E6	358.6E6	54.994	46.558
8)	B Heptachlo...	5.662	4.800	249.8E6	302.9E6	60.211m	45.307
9)	A Endosulfan I	6.044	5.171	215.3E6	285.9E6	53.319m	39.857 #
10)	B gamma-Chl...	5.916	5.051	226.7E6	323.2E6	51.237m	46.046m
11)	B alpha-Chl...	5.997	5.115	233.4E6	321.8E6	53.312m	42.795m
12)	B 4,4'-DDE	6.167	5.305	193.1E6	293.0E6	52.083m	45.326
13)	MA Dieldrin	6.318	5.434	228.1E6	331.3E6	53.947	48.579m
14)	MA Endrin	6.543	5.710	186.7E6	299.8E6	60.021m	49.183
15)	B Endosulfa...	6.756	6.002	185.1E6	272.4E6	53.342m	46.459
16)	A 4,4'-DDD	6.675	5.857	160.6E6	250.2E6	55.160m	48.788
17)	MA 4,4'-DDT	6.990	6.110	162.5E6	263.6E6	53.541m	45.963
18)	B Endrin al...	6.884	6.180	135.5E6	211.8E6	60.616m	47.552
19)	B Endosulfa...	7.119	6.404	168.7E6	261.9E6	55.145	46.557
20)	A Methoxychlor	7.462	6.682	87232145	144.4E6	55.372m	47.519
21)	B Endrin ke...	7.599	6.906	177.2E6	390.1E6	53.667	62.392m
22)	Mirex	8.078	7.099	147.5E6	225.4E6	53.031	45.373

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071125\
Data File : PL096344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 16:08
Operator : AR\AJ
Sample : Q2489-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

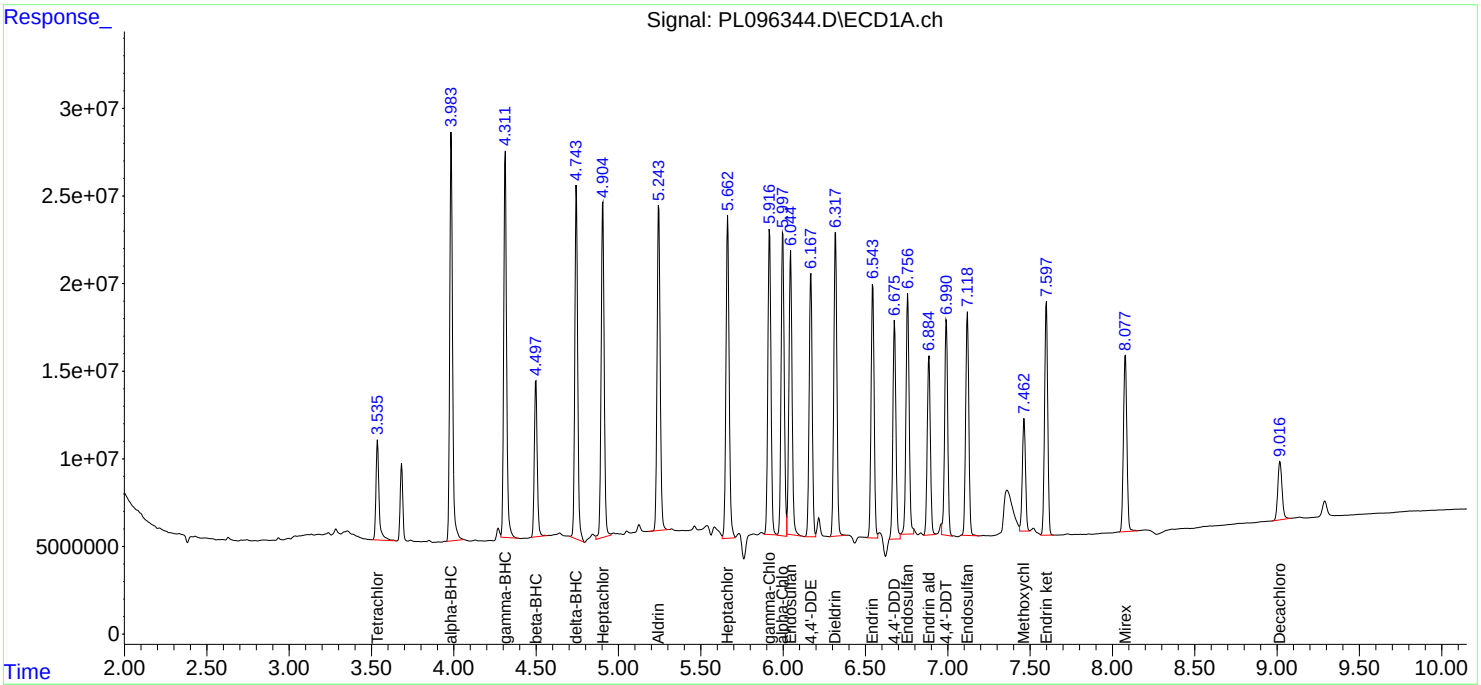
Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

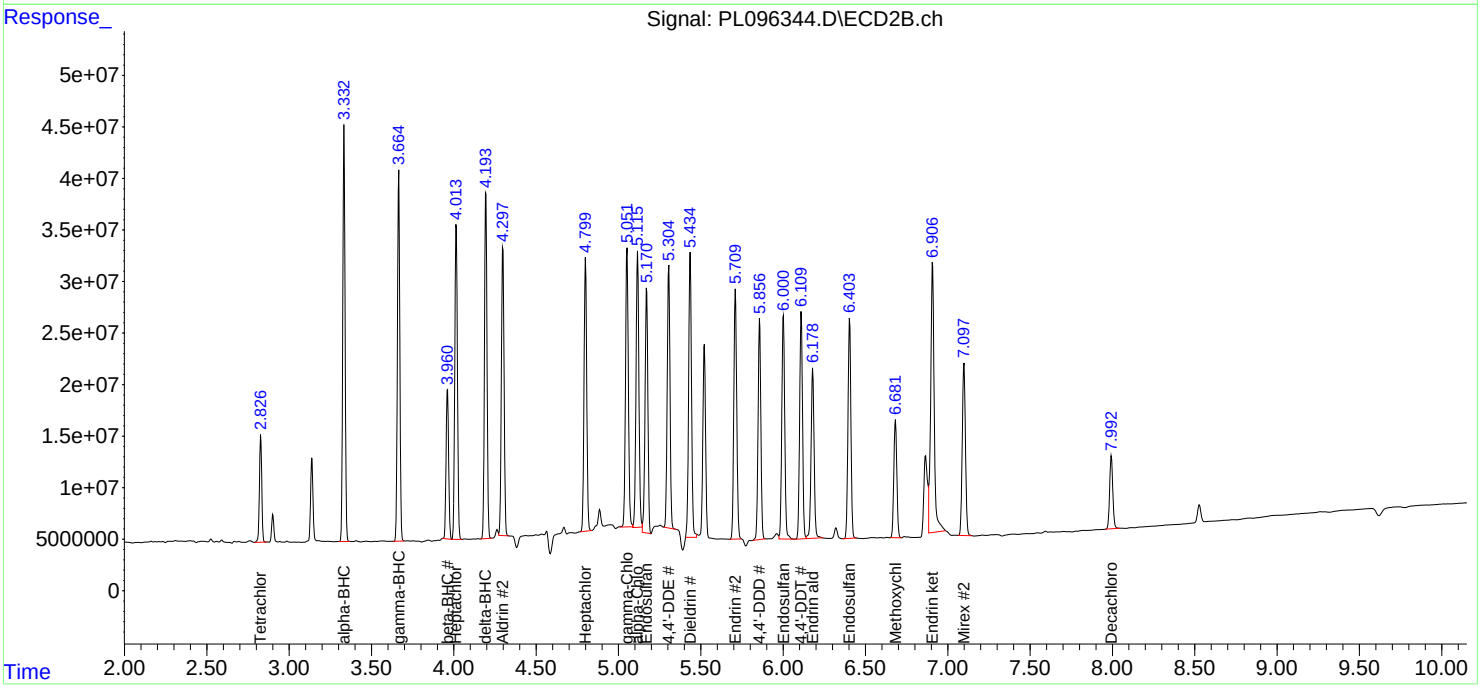
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:50:16 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:	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:	pl071025	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL096296.D	Endrin aldehyde	Abdul	7/11/2025 8:28:18 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096297.D	Endosulfan II #2	Abdul	7/11/2025 8:28:22 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096303.D	Heptachlor epoxide	Abdul	7/11/2025 8:28:41 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096315.D	Aldrin	Abdul	7/11/2025 8:28:55 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096315.D	Endrin aldehyde	Abdul	7/11/2025 8:28:55 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PB168789BS	PL096321.D	Heptachlor epoxide	Abdul	7/11/2025 8:29:02 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096325.D	Dieldrin #2	Abdul	7/11/2025 8:29:06 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096325.D	Endosulfan I #2	Abdul	7/11/2025 8:29:06 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096325.D	Endosulfan II	Abdul	7/11/2025 8:29:06 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096325.D	Endrin aldehyde	Abdul	7/11/2025 8:29:06 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096325.D	Heptachlor epoxide	Abdul	7/11/2025 8:29:06 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
Q2489-02	PL096329.D	Tetrachloro-m-xylene	Abdul	7/11/2025 8:29:19 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
Q2489-02	PL096329.D	Tetrachloro-m-xylene #2	Abdul	7/11/2025 8:29:19 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software

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Manual Integration Report

Sequence:	pl071025	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2489-04	PL096331.D	Tetrachloro-m-xylene #2	Abdul	7/11/2025 8:29:23 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
Q2489-06	PL096333.D	Tetrachloro-m-xylene	Abdul	7/11/2025 8:29:27 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096337.D	Dieldrin #2	Abdul	7/11/2025 8:29:34 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096337.D	Endosulfan II	Abdul	7/11/2025 8:29:34 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096337.D	Endrin aldehyde	Abdul	7/11/2025 8:29:34 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software
PSTDCCC050	PL096337.D	Heptachlor epoxide	Abdul	7/11/2025 8:29:34 AM	mohammad	7/11/2025 9:09:32	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pl071125	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_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

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 # 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

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 # PL071025

Review By	Abdul	Review On	7/11/2025 8:30:00 AM		
Supervise By	mohammad	Supervise On	7/11/2025 9:09:32 AM		
SubDirectory	PL071025	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	PL096294.D	10 Jul 2025 09:09	AR\AJ	Ok
2	I.BLK	PL096295.D	10 Jul 2025 09:23	AR\AJ	Ok
3	PEM	PL096296.D	10 Jul 2025 09:36	AR\AJ	Ok,M
4	PSTDCCC050	PL096297.D	10 Jul 2025 10:28	AR\AJ	Ok,M
5	PTOXCCC500	PL096298.D	10 Jul 2025 11:42	AR\AJ	Ok
6	Q2126-03	PL096299.D	10 Jul 2025 12:01	AR\AJ	Ok,M
7	Q2126-09	PL096300.D	10 Jul 2025 12:18	AR\AJ	Ok,M
8	Q2126-09	PL096301.D	10 Jul 2025 12:31	AR\AJ	Ok,M
9	I.BLK	PL096302.D	10 Jul 2025 12:49	AR\AJ	Ok
10	PSTDCCC050	PL096303.D	10 Jul 2025 13:31	AR\AJ	Ok,M
11	PTOXCCC500	PL096304.D	10 Jul 2025 13:44	AR\AJ	Ok
12	PB168794BL	PL096305.D	10 Jul 2025 14:08	AR\AJ	Ok
13	PB168794BS	PL096306.D	10 Jul 2025 14:39	AR\AJ	Ok,M
14	PB168728TB	PL096307.D	10 Jul 2025 14:58	AR\AJ	Ok
15	Q2489-01	PL096308.D	10 Jul 2025 15:12	AR\AJ	Ok
16	Q2489-01MS	PL096309.D	10 Jul 2025 15:25	AR\AJ	Ok,M
17	Q2489-01MSD	PL096310.D	10 Jul 2025 15:39	AR\AJ	Ok,M
18	Q2489-02	PL096311.D	10 Jul 2025 15:53	AR\AJ	Ok
19	Q2489-03	PL096312.D	10 Jul 2025 16:06	AR\AJ	Ok
20	Q2489-04	PL096313.D	10 Jul 2025 16:20	AR\AJ	Ok
21	I.BLK	PL096314.D	10 Jul 2025 17:15	AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL071025

Review By	Abdul	Review On	7/11/2025 8:30:00 AM		
Supervise By	mohammad	Supervise On	7/11/2025 9:09:32 AM		
SubDirectory	PL071025	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	PSTDCCC050	PL096315.D	10 Jul 2025 17:29	AR\AJ	Ok,M
23	Q2489-05	PL096316.D	10 Jul 2025 18:01	AR\AJ	Ok
24	Q2489-06	PL096317.D	10 Jul 2025 18:14	AR\AJ	Ok
25	Q2489-07	PL096318.D	10 Jul 2025 18:28	AR\AJ	Ok
26	Q2489-08	PL096319.D	10 Jul 2025 18:41	AR\AJ	Ok,M
27	PB168789BL	PL096320.D	10 Jul 2025 18:55	AR\AJ	Ok
28	PB168789BS	PL096321.D	10 Jul 2025 19:09	AR\AJ	Ok,M
29	PB168789TB	PL096322.D	10 Jul 2025 19:22	AR\AJ	Ok
30	I.BLK	PL096323.D	10 Jul 2025 19:36	AR\AJ	Ok
31	PEM	PL096324.D	10 Jul 2025 19:50	AR\AJ	Ok
32	PSTDCCC050	PL096325.D	10 Jul 2025 20:03	AR\AJ	Ok,M
33	Q2489-01	PL096326.D	10 Jul 2025 20:30	AR\AJ	Not Ok
34	Q2489-01MS	PL096327.D	10 Jul 2025 20:44	AR\AJ	Not Ok
35	Q2489-01MSD	PL096328.D	10 Jul 2025 20:58	AR\AJ	Not Ok
36	Q2489-02	PL096329.D	10 Jul 2025 21:11	AR\AJ	Ok,M
37	Q2489-03	PL096330.D	10 Jul 2025 21:25	AR\AJ	Ok
38	Q2489-04	PL096331.D	10 Jul 2025 21:39	AR\AJ	Ok,M
39	Q2489-05	PL096332.D	10 Jul 2025 21:52	AR\AJ	Ok
40	Q2489-06	PL096333.D	10 Jul 2025 22:06	AR\AJ	Ok,M
41	Q2489-07	PL096334.D	10 Jul 2025 22:19	AR\AJ	Ok
42	Q2489-08	PL096335.D	10 Jul 2025 22:33	AR\AJ	Ok
43	I.BLK	PL096336.D	10 Jul 2025 22:47	AR\AJ	Ok
44	PSTDCCC050	PL096337.D	11 Jul 2025 00:09	AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL071025

Review By	Abdul	Review On	7/11/2025 8:30:00 AM		
Supervise By	mohammad	Supervise On	7/11/2025 9:09:32 AM		
SubDirectory	PL071025	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	

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL071125

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	PL071125	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	PL096338.D	11 Jul 2025 08:58	AR\AJ	Ok
2	I.BLK	PL096339.D	11 Jul 2025 14:55	AR\AJ	Ok
3	PEM	PL096340.D	11 Jul 2025 15:08	AR\AJ	Ok,NR
4	PSTDCCC050	PL096341.D	11 Jul 2025 15:22	AR\AJ	Ok,NR
5	Q2489-01	PL096342.D	11 Jul 2025 15:40	AR\AJ	Ok,NR
6	Q2489-01MS	PL096343.D	11 Jul 2025 15:54	AR\AJ	Ok,NR
7	Q2489-01MSD	PL096344.D	11 Jul 2025 16:08	AR\AJ	Ok,NR
8	I.BLK	PL096345.D	11 Jul 2025 16:21	AR\AJ	Ok
9	PSTDCCC050	PL096346.D	11 Jul 2025 16:35	AR\AJ	Ok,NR

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 # PL071025

Review By	Abdul	Review On	7/11/2025 8:30:00 AM		
Supervise By	mohammad	Supervise On	7/11/2025 9:09:32 AM		
SubDirectory	PL071025	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	PL096294.D	10 Jul 2025 09:09		AR\AJ	Ok
2	I.BLK	I.BLK	PL096295.D	10 Jul 2025 09:23		AR\AJ	Ok
3	PEM	PEM	PL096296.D	10 Jul 2025 09:36		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL096297.D	10 Jul 2025 10:28		AR\AJ	Ok,M
5	PTOXCCC500	PTOXCCC500	PL096298.D	10 Jul 2025 11:42		AR\AJ	Ok
6	Q2126-03	MDL-SOIL-03-QT2-202	PL096299.D	10 Jul 2025 12:01		AR\AJ	Ok,M
7	Q2126-09	MDL-WATER-03-QT2-2	PL096300.D	10 Jul 2025 12:18		AR\AJ	Ok,M
8	Q2126-09	MDL-WATER-03-QT2-2	PL096301.D	10 Jul 2025 12:31		AR\AJ	Ok,M
9	I.BLK	I.BLK	PL096302.D	10 Jul 2025 12:49		AR\AJ	Ok
10	PSTDCCC050	PSTDCCC050	PL096303.D	10 Jul 2025 13:31		AR\AJ	Ok,M
11	PTOXCCC500	PTOXCCC500	PL096304.D	10 Jul 2025 13:44		AR\AJ	Ok
12	PB168794BL	PB168794BL	PL096305.D	10 Jul 2025 14:08		AR\AJ	Ok
13	PB168794BS	PB168794BS	PL096306.D	10 Jul 2025 14:39		AR\AJ	Ok,M
14	PB168728TB	PB168728TB	PL096307.D	10 Jul 2025 14:58		AR\AJ	Ok
15	Q2489-01	G4(0-6)	PL096308.D	10 Jul 2025 15:12		AR\AJ	Ok
16	Q2489-01MS	G4(0-6)MS	PL096309.D	10 Jul 2025 15:25		AR\AJ	Ok,M
17	Q2489-01MSD	G4(0-6)MSD	PL096310.D	10 Jul 2025 15:39		AR\AJ	Ok,M
18	Q2489-02	G4(6-12)	PL096311.D	10 Jul 2025 15:53		AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL071025

Review By	Abdul	Review On	7/11/2025 8:30:00 AM		
Supervise By	mohammad	Supervise On	7/11/2025 9:09:32 AM		
SubDirectory	PL071025	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	Q2489-03	G3(0-6)	PL096312.D	10 Jul 2025 16:06		AR\AJ	Ok
20	Q2489-04	G3(6-12)	PL096313.D	10 Jul 2025 16:20		AR\AJ	Ok
21	I.BLK	I.BLK	PL096314.D	10 Jul 2025 17:15		AR\AJ	Ok
22	PSTDCCC050	PSTDCCC050	PL096315.D	10 Jul 2025 17:29		AR\AJ	Ok,M
23	Q2489-05	G2(0-6)	PL096316.D	10 Jul 2025 18:01		AR\AJ	Ok
24	Q2489-06	G2(6-12)	PL096317.D	10 Jul 2025 18:14		AR\AJ	Ok
25	Q2489-07	G1(0-6)	PL096318.D	10 Jul 2025 18:28		AR\AJ	Ok
26	Q2489-08	G1(6-12)	PL096319.D	10 Jul 2025 18:41		AR\AJ	Ok,M
27	PB168789BL	PB168789BL	PL096320.D	10 Jul 2025 18:55		AR\AJ	Ok
28	PB168789BS	PB168789BS	PL096321.D	10 Jul 2025 19:09		AR\AJ	Ok,M
29	PB168789TB	PB168789TB	PL096322.D	10 Jul 2025 19:22		AR\AJ	Ok
30	I.BLK	I.BLK	PL096323.D	10 Jul 2025 19:36		AR\AJ	Ok
31	PEM	PEM	PL096324.D	10 Jul 2025 19:50		AR\AJ	Ok
32	PSTDCCC050	PSTDCCC050	PL096325.D	10 Jul 2025 20:03		AR\AJ	Ok,M
33	Q2489-01	G4(0-6)	PL096326.D	10 Jul 2025 20:30		AR\AJ	Not Ok
34	Q2489-01MS	G4(0-6)MS	PL096327.D	10 Jul 2025 20:44	F Flag in 1st column	AR\AJ	Not Ok
35	Q2489-01MSD	G4(0-6)MSD	PL096328.D	10 Jul 2025 20:58	Run with MS	AR\AJ	Not Ok
36	Q2489-02	G4(6-12)	PL096329.D	10 Jul 2025 21:11		AR\AJ	Ok,M
37	Q2489-03	G3(0-6)	PL096330.D	10 Jul 2025 21:25		AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL071025

Review By	Abdul	Review On	7/11/2025 8:30:00 AM		
Supervise By	mohammad	Supervise On	7/11/2025 9:09:32 AM		
SubDirectory	PL071025	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	

38	Q2489-04	G3(6-12)	PL096331.D	10 Jul 2025 21:39		AR\AJ	Ok,M
39	Q2489-05	G2(0-6)	PL096332.D	10 Jul 2025 21:52		AR\AJ	Ok
40	Q2489-06	G2(6-12)	PL096333.D	10 Jul 2025 22:06		AR\AJ	Ok,M
41	Q2489-07	G1(0-6)	PL096334.D	10 Jul 2025 22:19		AR\AJ	Ok
42	Q2489-08	G1(6-12)	PL096335.D	10 Jul 2025 22:33		AR\AJ	Ok
43	I.BLK	I.BLK	PL096336.D	10 Jul 2025 22:47		AR\AJ	Ok
44	PSTDCCC050	PSTDCCC050	PL096337.D	11 Jul 2025 00:09		AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL071125

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	PL071125	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	PL096338.D	11 Jul 2025 08:58		AR\AJ	Ok
2	I.BLK	I.BLK	PL096339.D	11 Jul 2025 14:55		AR\AJ	Ok
3	PEM	PEM	PL096340.D	11 Jul 2025 15:08		AR\AJ	Ok,NR
4	PSTDCCC050	PSTDCCC050	PL096341.D	11 Jul 2025 15:22		AR\AJ	Ok,NR
5	Q2489-01	G4(0-6)	PL096342.D	11 Jul 2025 15:40		AR\AJ	Ok,NR
6	Q2489-01MS	G4(0-6)MS	PL096343.D	11 Jul 2025 15:54		AR\AJ	Ok,NR
7	Q2489-01MSD	G4(0-6)MSD	PL096344.D	11 Jul 2025 16:08		AR\AJ	Ok,NR
8	I.BLK	I.BLK	PL096345.D	11 Jul 2025 16:21		AR\AJ	Ok
9	PSTDCCC050	PSTDCCC050	PL096346.D	11 Jul 2025 16:35		AR\AJ	Ok,NR

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168728

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1

TCLP Filter ID : 115525

Start Prep Date : 07/03/2025 **Time :** 15:00

End Prep Date : 07/04/2025 **Time :** 08:20

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ 10

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : JZ

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
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 checked,30 rpm. q2489-08 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/07/25 11:00	JP Tech Room	SKG. RJ 1GHT
	Preparation Group	**Analysis Group** INORG.

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168728

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
PB168728TB	LEB728	09	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2489-01	G4(0-6)	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-02	G4(6-12)	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-03	G3(0-6)	03	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-04	G3(6-12)	04	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-05	G2(0-6)	05	100.04	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-06	G2(6-12)	06	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2489-07	G1(0-6)	07	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-08	G1(6-12)	08	100.01	2000	N/A	N/A	N/A	6.0	1.5	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168728TB	LEB728	N/A	N/A	N/A	N/A	N/A	N/A
Q2489-01	G4(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-02	G4(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-03	G3(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-04	G3(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-05	G2(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-06	G2(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-07	G1(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-08	G1(6-12)	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB168728

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

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
PB168728TB	LEB728	N/A	N/A	N/A	N/A	#1	4.93
Q2489-01	G4(0-6)	5.02	96.5	7.6	2.5	#1	4.93
Q2489-02	G4(6-12)	5.01	96.5	8.0	3.0	#1	4.93
Q2489-03	G3(0-6)	5.02	96.5	8.0	3.0	#1	4.93
Q2489-04	G3(6-12)	5.03	96.5	8.0	3.0	#1	4.93
Q2489-05	G2(0-6)	5.04	96.5	9.0	3.5	#1	4.93
Q2489-06	G2(6-12)	5.03	96.5	8.0	3.0	#1	4.93
Q2489-07	G1(0-6)	5.02	96.5	9.2	3.5	#1	4.93
Q2489-08	G1(6-12)	5.01	96.5	8.6	3.0	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2487 **WorkList ID :** 190546 **Department :** TCLP Extraction **Date :** 07-03-2025 11:48:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2489-01	G4(0-6)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-02	G4(6-12)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-03	G3(0-6)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-04	G3(6-12)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-05	G2(0-6)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-06	G2(6-12)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-07	G1(0-6)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311
Q2489-08	G1(6-12)	Solid	TCLP Extraction	Cool 4 deg C	WALS01		07/01/2025	1311

Date/Time 07/03/25 12:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: JD (SM)

Date/Time 07/03/25 17:30

Raw Sample Received by: JD (SM)

Raw Sample Relinquished by: [signature]

Alliance TECHNICAL GROUP

SPLP EXTRACTION LOGPAGE

PB168755

SOP ID : M1312-SPLP-10

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-2

TCLP Filter ID : 115525

Start Prep Date : 07/08/2025 **Time :** 14:00

End Prep Date : 07/09/2025 **Time :** 07:15

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature :

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
SPLP FLUID	WP112802	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,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Tumbler T-2 checked,30 rpm. Matrix spikes are added after fiftration and before preservation. Particle size reduction is not required.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/09/25 11:00		Lab Room
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

SPLP EXTRACTION LOGPAGE

PB168755

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
PB168755TB	LEB755	19	N/A	2000	N/A	N/A	N/A	4.24	1.0	T-2
Q2489-01	G4(0-6)	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-02	G4(6-12)	12	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-2
Q2489-03	G3(0-6)	13	100.02	2000	N/A	N/A	N/A	7.0	1.5	T-2
Q2489-04	G3(6-12)	14	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2489-05	G2(0-6)	15	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-06	G2(6-12)	16	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q2489-07	G1(0-6)	17	100.01	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-08	G1(6-12)	18	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168755TB	LEB755	N/A	N/A	N/A	N/A	N/A	N/A
Q2489-01	G4(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-02	G4(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-03	G3(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-04	G3(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-05	G2(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-06	G2(6-12)	N/A	N/A	N/A	N/A	100	N/A
Q2489-07	G1(0-6)	N/A	N/A	N/A	N/A	100	N/A
Q2489-08	G1(6-12)	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

SPLP Fluid Determination

PB168755

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

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
PB168755TB	LEB755	N/A	N/A	N/A	N/A	#1	4.24
Q2489-01	G4(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-02	G4(6-12)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-03	G3(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-04	G3(6-12)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-05	G2(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-06	G2(6-12)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-07	G1(0-6)	N/A	N/A	N/A	N/A	#1	4.24
Q2489-08	G1(6-12)	N/A	N/A	N/A	N/A	#1	4.24

WORKLIST(Hardcopy Internal Chain)

WorkList Name : splp q2489 **WorkList ID :** 190584 **Department :** TCLP Extraction **Date :** 07-08-2025 11:59:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2489-01	G4(0-6)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-02	G4(6-12)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-03	G3(0-6)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-04	G3(6-12)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-05	G2(0-6)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-06	G2(6-12)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-07	G1(0-6)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312
Q2489-08	G1(6-12)	Solid	SPLP Extraction	Cool 4 deg C	WALS01	--Sele	07/01/2025	1312

Date/Time 07/08/25 12:20

Raw Sample Received by: JD WC.

Raw Sample Relinquished by: CF SM

Date/Time 07/08/25 13:30

Raw Sample Received by: CF SM

Raw Sample Relinquished by: JD WC.

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168789

SOP ID: M3510C,3580A-Extraction Pesticide-17

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 07/09/2025

Extraction Start Time : 11:39

Extraction End Date : 07/09/2025

Extraction End Time : 16:10

Concentration By: EH

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	E3943
Baked Na2SO4	N/A	EP2624
Hexane	N/A	E3950
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:

40ML Vial Lot # 03-40BTS723.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
07/9/25	RS (Ext Lab)	R. Pest/PCB Lab
16:15	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168789

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 07/09/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168789BL	PBLK789	SPLP Pesticide	1000	6	RUPESH	ritesh	10			SEP-1
PB168789BS	PLCS789	SPLP Pesticide	1000	6	RUPESH	ritesh	10			2
PB168789TB	PB168789TB	SPLP Pesticide	1000	6	RUPESH	ritesh	10			3
Q2489-01	G4(0-6)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		4
Q2489-01MS	G4(0-6)MS	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		5
Q2489-01MSD	G4(0-6)MSD	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		6
Q2489-02	G4(6-12)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		7
Q2489-03	G3(0-6)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		8
Q2489-04	G3(6-12)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		9
Q2489-05	G2(0-6)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		10
Q2489-06	G2(6-12)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		11
Q2489-07	G1(0-6)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		12
Q2489-08	G1(6-12)	SPLP Pesticide	1000	6	RUPESH	ritesh	10	A		13

RS
7/9

* **Extracts relinguished on the same date as received.**

Alliance TECHNICAL GROUP

SPLP EXTRACTION LOGPAGE

PB168755

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
PB168755TB	LEB755	19	N/A	2000	N/A	N/A	N/A	4.24	1.0	T-2
Q2489-01	G4(0-6)	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-02	G4(6-12)	12	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-2
Q2489-03	G3(0-6)	13	100.02	2000	N/A	N/A	N/A	7.0	1.5	T-2
Q2489-04	G3(6-12)	14	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2489-05	G2(0-6)	15	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-06	G2(6-12)	16	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q2489-07	G1(0-6)	17	100.01	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2489-08	G1(6-12)	18	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-2

07/09/13
11:30

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168794

SOP ID:	M3510C,3580A-Extraction Pesticide-17				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/10/2025
Matrix :	Water			**Extraction Start Time :**	08:34
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	07/10/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:10
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	E3943
Baked Na2SO4	N/A	EP2624
Hexane	N/A	E3950
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:

40ML Vial Lot # 03-40BTS723.

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
7/10/25	RS (Ext-Volt)	R. Pest-PCB Cnb
13:15	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168794

Analytical Method: M3510C,3580A-Extraction Pesticide-17 **Concentration Date:** 07/10/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168728TB	PB168728TB	TCLP Pesticide	100	6	RUPESH	Evelyn	10			SEP-1
~~PB168755TB~~	~~PB168755TB~~	~~TCLP Pesticide~~		6	RUPESH	Evelyn	10			
PB168794BL	PBLK794	TCLP Pesticide	1000	6	RUPESH	Evelyn	10			2
PB168794BS	PLCS794	TCLP Pesticide	1000	6	RUPESH	Evelyn	10			3
Q2489-01	G4(0-6)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		4
Q2489-01MS	G4(0-6)MS	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		5
Q2489-01MSD	G4(0-6)MSD	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		6
Q2489-02	G4(6-12)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		7
Q2489-03	G3(0-6)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		8
Q2489-04	G3(6-12)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		9
Q2489-05	G2(0-6)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		10
Q2489-06	G2(6-12)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		11
Q2489-07	G1(0-6)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		12
Q2489-08	G1(6-12)	TCLP Pesticide	100	6	RUPESH	Evelyn	10	A		13

RS
7/10

* **Extracts relinquished on the same date as received.**

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB168728

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
PB168728TB	LEB728	09	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2489-01	G4(0-6)	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-02	G4(6-12)	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-03	G3(0-6)	03	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2489-04	G3(6-12)	04	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2489-05	G2(0-6)	05	100.04	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-06	G2(6-12)	06	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2489-07	G1(0-6)	07	100.02	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q2489-08	G1(6-12)	08	100.01	2000	N/A	N/A	N/A	6.0	1.5	T-1

07/07/25

11:00

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q 2489
QUOTE NO. ~~2489~~ 25
COC Number 2046744

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction
ADDRESS: 150 Clove Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Benie Dion Gokcen
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shafts 7B+8B
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: jsylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clove Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: STANDARD TAT DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☒ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1: TCL VOCs + TICs, TCL SVOCs + TICs
2: TCL VOCs + TICs
3: TAL Metals + Mercury (CLP), TAL Cyanide, Total Cyanide, Tri + Hex Chromium
4: TPH
5: Pest/Herb/PCBs
6: SPLP Metals, Pest/Herb, SVOCs
7: TCLP Metals, Pest/Herb, SVOCs
8: NJ EPH (Low), TPH (Low)
9: RCRA Characteristics (Ignitability, Corrosivity, Reactivity)

* See add'l analyses in comments

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES F+E 1	E 2	E 3	E 4	E 5	E 6	E 7	E 8	E 9	COMMENTS
1.	G4(1.5)	Soil		X	7/1/25	1025	6	X									3x vials (terracore set)
2.	G4(10)			X		1045		X									+ 2x encores +
3.	G3(9)			X		1150		X									1x plastic
4.	G3(3)			X		1200		X									
5.	G2(2.5)			X		1325		X									
6.	G2(9)			X		1330		X									
7.	G1(4.5)			X		1430		X									3x vials (terracore set)
8.	G1(10)			X		1440		X									1x 8oz + 1x plastic + 1x encore
9.	G4(0-6)		X			1100	7		X	X	X	X	X	X	X	X	7x 8 oz jars
10.	G4(6-12)		X			1110			X	X	X	X	X	X	X	X	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	7/1/25 1600	1. Benie DG
2. Benie DG	7-1-25 1600	2. 7-1-25 1600
3.	7-1-25 1818	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.3 °C
Comments: Full analyte list in B. Gokcen email on 6/26/25 to J. Hedvat
See Bottle Order # B2506068 & B2506069
Add'l analyses – Paint Filter, Organic Content by LOI, TS, TVS, Ammonia & Nitrogen, COD, O:I & Grease

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CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. / QUOTE NO. Q2489 M
COC Number 2047536

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction
ADDRESS: 150 Clove Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Bernie Dion Gokcan
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shafts 17B+18B
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: jsylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clove Rd, 11th Floor
CITY Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: STANDARD TAT DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☒ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1. TCL VOCs + TICs
2. TCL + STARS VOCs
3. TCL SVOCs + TICs
4. TAL Metals + Mercury (RCRA + Be, Cu, Ni, Zn, Ag, Tl)
5. Total Cyanide
6. TAL Hex Chromium
7. Pest/Herb/PCBs
8. SPLP Metals, TCLP Metals, VOCs, Pest/Herb
9. TCLP Metals, SVOCs, Metals, Pest/Herb
10. NJ GRP
11. TPH (NJEPH or GRO)
12. RCRA Characteristics (Reactivity, Corrosivity, Ignitability)

*see add'l analyses in comments

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES F+E	1	2	3	4	5	6	7	8	9	COMMENTS
1.	G3 (0-6)	Soil	X		7/1/25	1235	7			X	X	X	X	X	X	X	X	7x 8 oz jars
2.	G3 (6-12)	↓	↓		↓	1245	↓											
3.	G2 (0-6)					1350												
4.	G2 (6-12)					1400												
5.	G1 (0-6)					1410												
6.	G1 (6-12)	↓	↓		↓	1420	↓											
7.																		
8.																		
9.																		
10.																		

PRESERVATIVES

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER (methanol)

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	7/1/25 1600	1. Bernie DG
2. Bernie DG	7-1-25	2. 1600 7-1-25
3.	7/1/25 1818	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.9 °C

Comments: Full analyte list in B. Gokcan email on 6/26/25 to J. Heaney
See Bottle Order #B2506068 & B2506069
Add'l analyses - Paint Filter, Organic Content by LOI, TS, TVS, Ammonia & Nitrogen, COD, Oil & Grease

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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