284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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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LAB CHRONICLE

OrderID:	Q3257	**OrderDate:**	9/30/2025 2:40:01 PM
Client:	CDM Smith	**Project:**	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3257-01	**ENV1-6FT**	**SOIL**			**09/30/25**			**09/30/25**
			PCB	8082A		10/01/25	10/01/25	
			Pesticide-TCL	8081B		10/01/25	10/01/25	
Q3257-02	**ENV2-6FT**	**SOIL**			**09/29/25**			**09/30/25**
			PCB	8082A		10/01/25	10/01/25	
			Pesticide-TCL	8081B		10/01/25	10/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3257 **Order ID:** Q3257

Client: CDM Smith **Project ID:** MWCO CJO WTP Edison 295110

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.: Q3257

Client: CDM Smith

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PL097268.D	PIBLK-PL097268.D	Decachlorobiphen	1	20	17.3	87		57	171
		Tetrachloro-m-xyl	1	20	15.6	78		61	148
		Decachlorobiphen	2	20	17.1	86		57	171
		Tetrachloro-m-xyl	2	20	16.0	80		61	148
I.BLK-PL097467.D	PIBLK-PL097467.D	Decachlorobiphen	1	20	24.8	124		57	171
		Tetrachloro-m-xyl	1	20	21.9	109		61	148
		Decachlorobiphen	2	20	20.3	102		57	171
		Tetrachloro-m-xyl	2	20	20.2	101		61	148
PB169933BL	PB169933BL	Decachlorobiphen	1	20	22.8	114		20	144
		Tetrachloro-m-xyl	1	20	20.2	101		19	148
		Decachlorobiphen	2	20	20.0	100		20	144
		Tetrachloro-m-xyl	2	20	19.8	99		19	148
PB169933BS	PB169933BS	Decachlorobiphen	1	20	20.4	102		20	144
		Tetrachloro-m-xyl	1	20	17.4	87		19	148
		Decachlorobiphen	2	20	17.7	88		20	144
		Tetrachloro-m-xyl	2	20	17.0	85		19	148
I.BLK-PL097482.D	PIBLK-PL097482.D	Decachlorobiphen	1	20	24.7	124		57	171
		Tetrachloro-m-xyl	1	20	21.1	106		61	148
		Decachlorobiphen	2	20	21.5	108		57	171
		Tetrachloro-m-xyl	2	20	20.6	103		61	148
Q3257-01	ENV1-6FT	Decachlorobiphen	1	20	10.2	51		20	144
		Tetrachloro-m-xyl	1	20	12.6	63		19	148
		Decachlorobiphen	2	20	8.67	43		20	144
		Tetrachloro-m-xyl	2	20	12.2	61		19	148
Q3257-02	ENV2-6FT	Decachlorobiphen	1	20	14.2	71		20	144
		Tetrachloro-m-xyl	1	20	13.9	70		19	148
		Decachlorobiphen	2	20	12.3	62		20	144
		Tetrachloro-m-xyl	2	20	13.7	68		19	148
Q3257-02MS	ENV2-6FTMS	Decachlorobiphen	1	20	15.1	76		20	144
		Tetrachloro-m-xyl	1	20	14.1	70		19	148
		Decachlorobiphen	2	20	12.9	64		20	144
		Tetrachloro-m-xyl	2	20	13.8	69		19	148
Q3257-02MSD	ENV2-6FTMSD	Decachlorobiphen	1	20	15.0	75		20	144
		Tetrachloro-m-xyl	1	20	14.3	72		19	148
		Decachlorobiphen	2	20	13.2	66		20	144
		Tetrachloro-m-xyl	2	20	13.8	69		19	148
I.BLK-PL097490.D	PIBLK-PL097490.D	Decachlorobiphen	1	20	24.6	123		57	171
		Tetrachloro-m-xyl	1	20	21.3	107		61	148
		Decachlorobiphen	2	20	21.4	107		57	171
		Tetrachloro-m-xyl	2	20	20.5	103		61	148

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PL097488.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3257-02MS (Column 1)**	**Client Sample ID:**		**ENV2-6FTMS**								
	alpha-BHC	19.66	0	13.6	ug/kg	69				60	144	
	beta-BHC	19.66	0	13.8	ug/kg	70				54	143	
	delta-BHC	19.66	0	13.9	ug/kg	71				29	151	
	gamma-BHC (Lindane)	19.66	0	13.4	ug/kg	68				61	140	
	Heptachlor	19.66	0	12.4	ug/kg	63				63	135	
	Aldrin	19.66	0	13.2	ug/kg	67				49	139	
	Heptachlor epoxide	19.66	0	14.2	ug/kg	72				41	156	
	Endosulfan I	19.66	0	13.5	ug/kg	69				56	142	
	Dieldrin	19.66	0	13.9	ug/kg	71				47	161	
	4,4'-DDE	19.66	0	14.3	ug/kg	73				55	136	
	Endrin	19.66	0	13.1	ug/kg	67				57	139	
	Endosulfan II	19.66	0	13.4	ug/kg	68				40	163	
	4,4'-DDD	19.66	0	15.5	ug/kg	79				47	163	
	Endosulfan sulfate	19.66	0	14.1	ug/kg	72				62	139	
	4,4'-DDT	19.66	0	11.8	ug/kg	60				51	146	
	Methoxychlor	19.66	0	11.8	ug/kg	60				54	136	
	Endrin ketone	19.66	0	14.8	ug/kg	75				60	129	
	Endrin aldehyde	19.66	0	14.0	ug/kg	71				59	132	
	alpha-Chlordane	19.66	0	13.5	ug/kg	69				39	166	
	gamma-Chlordane	19.66	0	14.1	ug/kg	72				44	175	
Lab Sample ID:	**Q3257-02MS (Column 2)**	**Client Sample ID:**		**ENV2-6FTMS**								
	alpha-BHC	19.66	0	13.1	ug/kg	67				60	144	
	beta-BHC	19.66	0	14.8	ug/kg	75				54	143	
	delta-BHC	19.66	0	12.8	ug/kg	65				29	151	
	gamma-BHC (Lindane)	19.66	0	12.9	ug/kg	66				61	140	
	Heptachlor	19.66	0	12.0	ug/kg	61				63	135	
	Aldrin	19.66	0	12.9	ug/kg	66				49	139	
	Heptachlor epoxide	19.66	0	13.1	ug/kg	67				41	156	
	Endosulfan I	19.66	0	13.0	ug/kg	66				56	142	
	Dieldrin	19.66	0	13.0	ug/kg	66				47	161	
	4,4'-DDE	19.66	0	13.0	ug/kg	66				55	136	
	Endrin	19.66	0	12.4	ug/kg	63				57	139	
	Endosulfan II	19.66	0	12.9	ug/kg	66				40	163	
	4,4'-DDD	19.66	0	13.3	ug/kg	68				47	163	
	Endosulfan sulfate	19.66	0	12.6	ug/kg	64				62	139	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PL097488.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	19.66	0	10.3	ug/kg	52				51	146	
Methoxychlor	19.66	0	10.4	ug/kg	53				54	136	
Endrin ketone	19.66	0	12.8	ug/kg	65				60	129	
Endrin aldehyde	19.66	0	11.1	ug/kg	56				59	132	
alpha-Chlordane	19.66	0	13.1	ug/kg	67				39	166	
gamma-Chlordane	19.66	0	12.9	ug/kg	66				44	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PL097489.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3257-02MSD (Column 1)**	**Client Sample ID:**		**ENV2-6FTMSD**								
	alpha-BHC	19.63	0	13.7	ug/kg	70		1		60	144	20
	beta-BHC	19.63	0	13.9	ug/kg	71		1		54	143	20
	delta-BHC	19.63	0	13.8	ug/kg	70		1		29	151	20
	gamma-BHC (Lindane)	19.63	0	13.4	ug/kg	68		0		61	140	20
	Heptachlor	19.63	0	12.5	ug/kg	64		2		63	135	20
	Aldrin	19.63	0	13.4	ug/kg	68		1		49	139	20
	Heptachlor epoxide	19.63	0	14.3	ug/kg	73		1		41	156	20
	Endosulfan I	19.63	0	13.7	ug/kg	70		1		56	142	20
	Dieldrin	19.63	0	14.0	ug/kg	71		0		47	161	20
	4,4'-DDE	19.63	0	14.5	ug/kg	74		1		55	136	20
	Endrin	19.63	0	13.2	ug/kg	67		0		57	139	20
	Endosulfan II	19.63	0	13.6	ug/kg	69		1		40	163	20
	4,4'-DDD	19.63	0	15.7	ug/kg	80		1		47	163	20
	Endosulfan sulfate	19.63	0	14.1	ug/kg	72		0		62	139	20
	4,4'-DDT	19.63	0	11.6	ug/kg	59		2		51	146	20
	Methoxychlor	19.63	0	11.7	ug/kg	60		0		54	136	20
	Endrin ketone	19.63	0	14.9	ug/kg	76		1		60	129	20
	Endrin aldehyde	19.63	0	13.2	ug/kg	67		6		59	132	20
	alpha-Chlordane	19.63	0	13.6	ug/kg	69		0		39	166	20
	gamma-Chlordane	19.63	0	14.3	ug/kg	73		1		44	175	20
Lab Sample ID:	**Q3257-02MSD (Column 2)**	**Client Sample ID:**		**ENV2-6FTMSD**								
	alpha-BHC	19.63	0	13.2	ug/kg	67		0		60	144	20
	beta-BHC	19.63	0	14.8	ug/kg	75		0		54	143	20
	delta-BHC	19.63	0	12.8	ug/kg	65		0		29	151	20
	gamma-BHC (Lindane)	19.63	0	13.0	ug/kg	66		0		61	140	20
	Heptachlor	19.63	0	12.0	ug/kg	61		0		63	135	20
	Aldrin	19.63	0	13.0	ug/kg	66		0		49	139	20
	Heptachlor epoxide	19.63	0	13.2	ug/kg	67		0		41	156	20
	Endosulfan I	19.63	0	13.0	ug/kg	66		0		56	142	20
	Dieldrin	19.63	0	13.1	ug/kg	67		2		47	161	20
	4,4'-DDE	19.63	0	13.1	ug/kg	67		2		55	136	20
	Endrin	19.63	0	12.3	ug/kg	63		0		57	139	20
	Endosulfan II	19.63	0	13.0	ug/kg	66		0		40	163	20
	4,4'-DDD	19.63	0	13.5	ug/kg	69		1		47	163	20
	Endosulfan sulfate	19.63	0	12.6	ug/kg	64		0		62	139	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257 **Analytical Method:** 8081B

Client: CDM Smith **DataFile :** PL097489.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	19.63	0	10.2	ug/kg	52		0		51	146	20
Methoxychlor	19.63	0	10.2	ug/kg	52		2		54	136	20
Endrin ketone	19.63	0	12.9	ug/kg	66		2		60	129	20
Endrin aldehyde	19.63	0	10.5	ug/kg	53		6		59	132	20
alpha-Chlordane	19.63	0	13.2	ug/kg	67		0		39	166	20
gamma-Chlordane	19.63	0	13.1	ug/kg	67		2		44	175	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3257 **Analytical Method:** 8081B

Client: CDM Smith **Datafile :** PL097481.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169933BS (Column 1)	alpha-BHC	16.65	15.0	ug/kg	90				84	123	
	beta-BHC	16.65	15.0	ug/kg	90				82	123	
	delta-BHC	16.65	15.6	ug/kg	94				83	126	
	gamma-BHC (Lindane)	16.65	14.8	ug/kg	89				83	125	
	Heptachlor	16.65	14.4	ug/kg	86				83	122	
	Aldrin	16.65	14.7	ug/kg	88				82	124	
	Heptachlor epoxide	16.65	15.3	ug/kg	92				83	120	
	Endosulfan I	16.65	15.4	ug/kg	92				81	124	
	Dieldrin	16.65	15.3	ug/kg	92				85	121	
	4,4'-DDE	16.65	15.9	ug/kg	95				81	123	
	Endrin	16.65	15.4	ug/kg	92				76	130	
	Endosulfan II	16.65	14.5	ug/kg	87				80	125	
	4,4'-DDD	16.65	17.0	ug/kg	102				80	131	
	Endosulfan sulfate	16.65	16.1	ug/kg	97				81	122	
	4,4'-DDT	16.65	14.6	ug/kg	88				70	129	
	Methoxychlor	16.65	14.5	ug/kg	87				60	119	
	Endrin ketone	16.65	16.7	ug/kg	100				77	132	
	Endrin aldehyde	16.65	17.3	ug/kg	104				79	124	
	alpha-Chlordane	16.65	15.3	ug/kg	92				84	120	
	gamma-Chlordane	16.65	15.2	ug/kg	91				83	122	
PB169933BS (Column 2)	alpha-BHC	16.65	14.7	ug/kg	88				84	123	
	beta-BHC	16.65	13.9	ug/kg	83				82	123	
	delta-BHC	16.65	14.5	ug/kg	87				83	126	
	gamma-BHC (Lindane)	16.65	14.6	ug/kg	88				83	125	
	Heptachlor	16.65	14.2	ug/kg	85				83	122	
	Aldrin	16.65	14.6	ug/kg	88				82	124	
	Heptachlor epoxide	16.65	14.7	ug/kg	88				83	120	
	Endosulfan I	16.65	13.8	ug/kg	83				81	124	
	Dieldrin	16.65	15.0	ug/kg	90				85	121	
	4,4'-DDE	16.65	14.5	ug/kg	87				81	123	
	Endrin	16.65	16.0	ug/kg	96				76	130	
	Endosulfan II	16.65	14.4	ug/kg	86				80	125	
	4,4'-DDD	16.65	14.8	ug/kg	89				80	131	
	Endosulfan sulfate	16.65	14.6	ug/kg	88				81	122	
	4,4'-DDT	16.65	12.8	ug/kg	77				70	129	
	Methoxychlor	16.65	12.8	ug/kg	77				60	119	
	Endrin ketone	16.65	16.1	ug/kg	97				77	132	
	Endrin aldehyde	16.65	14.5	ug/kg	87				79	124	
	alpha-Chlordane	16.65	14.4	ug/kg	86				84	120	
	gamma-Chlordane	16.65	14.3	ug/kg	86				83	122	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169933BL

Lab Name: Alliance | Contract: CAMP02

Lab Code: ACE | SDG NO.: Q3257

Lab Sample ID: PB169933BL | Lab File ID: PL097480.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/01/2025

Date Analyzed (1): 10/01/2025 | Date Analyzed (2): 10/01/2025

Time Analyzed (1): 13:34 | Time Analyzed (2): 13:34

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
PB169933BS	PB169933BS	PL097481.D	10/01/2025	10/01/2025
ENV1-6FT	Q3257-01	PL097486.D	10/01/2025	10/01/2025
ENV2-6FT	Q3257-02	PL097487.D	10/01/2025	10/01/2025
ENV2-6FTMS	Q3257-02MS	PL097488.D	10/01/2025	10/01/2025
ENV2-6FTMSD	Q3257-02MSD	PL097489.D	10/01/2025	10/01/2025

COMMENTS:

SAMPLE DATA

Raw Data: **PL097486.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.3 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097486.D	1	10/01/25 09:36	10/01/25 15:06	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	2.00	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	2.00	ug/kg
319-86-8	delta-BHC	0.46	U	0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.00	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	2.00	ug/kg
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	2.00	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.00	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.00	ug/kg
33213-65-9	Endosulfan II	0.34	U	0.34	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
72-43-5	Methoxychlor	0.44	U	0.44	2.00	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.44	U	0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.18	U	0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	39.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	10.2		20 - 144	51%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.6		19 - 148	63%	SPK: 20

Raw Data: **PL097486.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.3 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097486.D	1	10/01/25 09:36	10/01/25 15:06	PB169933

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: **PL097486.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 15:06
Operator : AR\AJ
Sample : Q3257-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ENV1-6FT

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.524	2.823	57043358	79988310	12.600m	12.164
28)	SA Decachlor...	8.996	7.981	33446243	49321317	10.221	8.666
	Target Compounds						

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

Sample Results: **PL097486.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 15:06
Operator : AR\AJ
Sample : Q3257-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

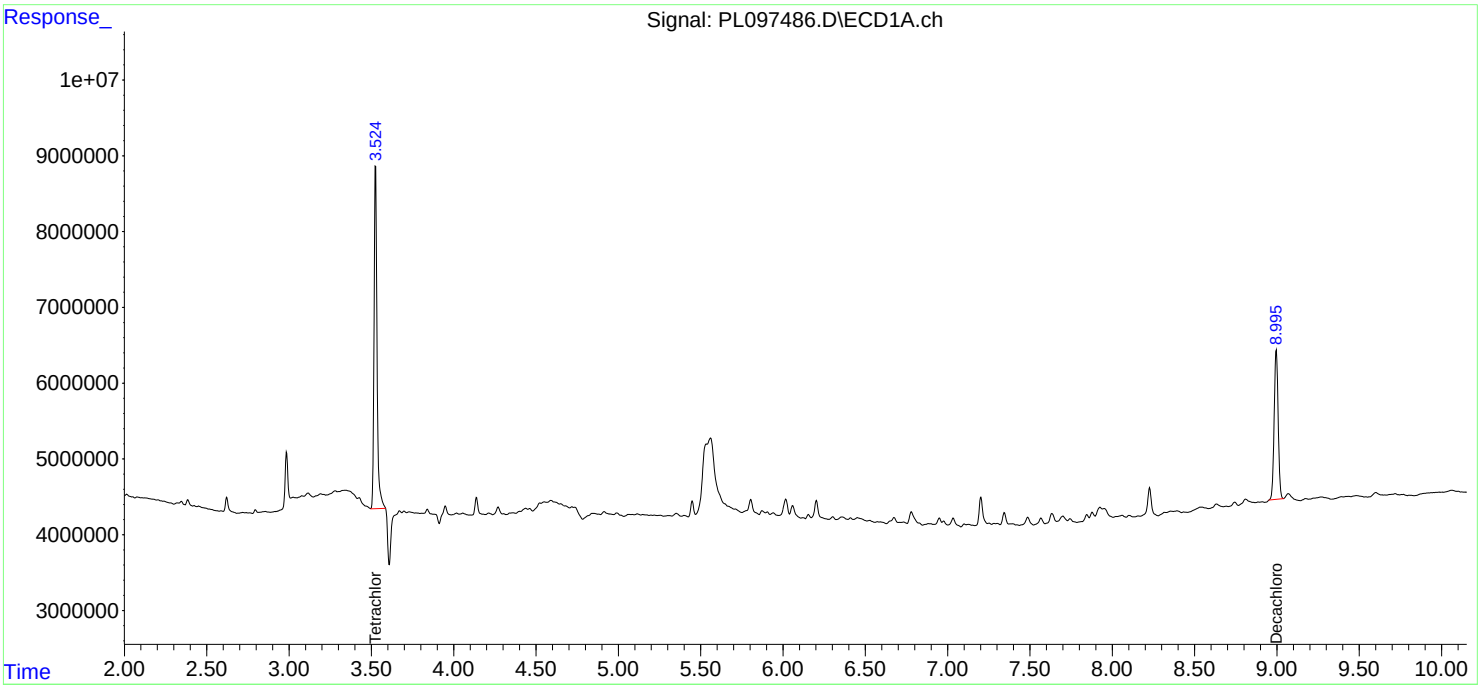
Instrument :
ECD_L
ClientSampleId :
ENV1-6FT

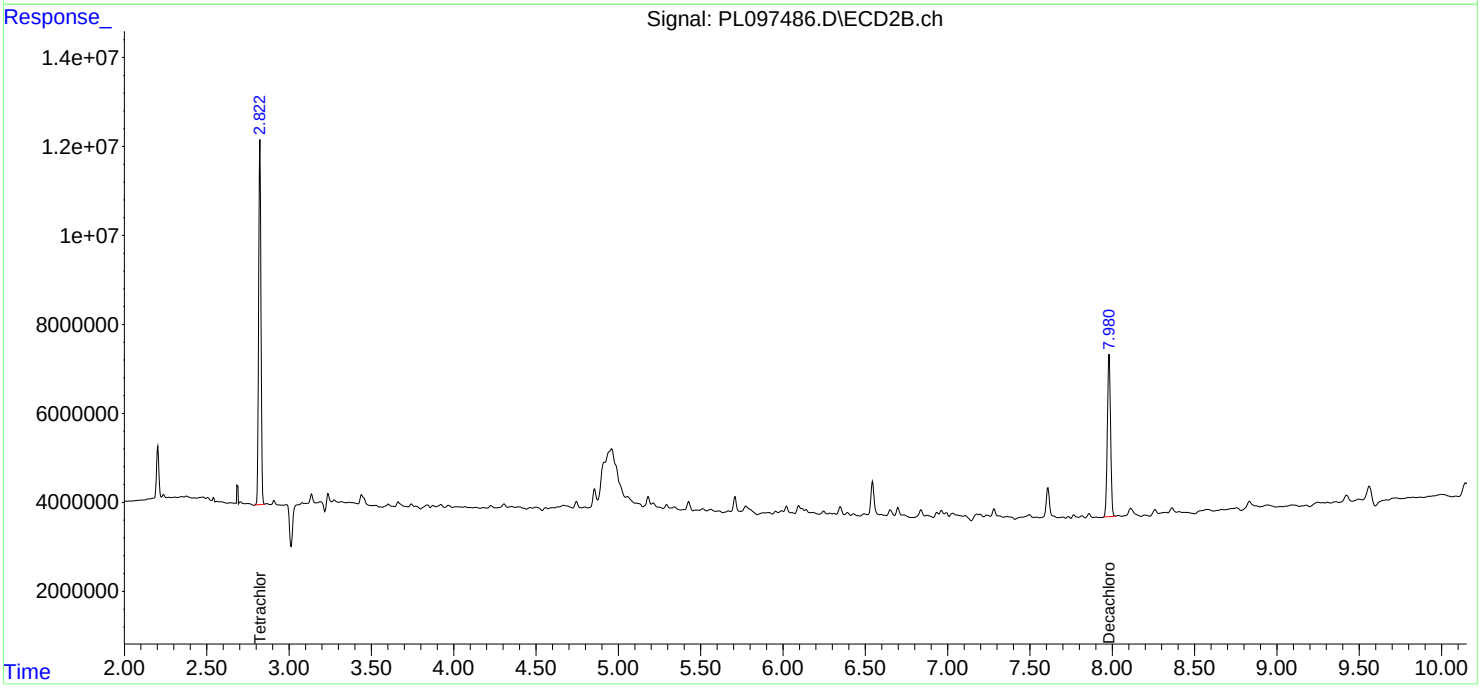
Manual Integrations APPROVED

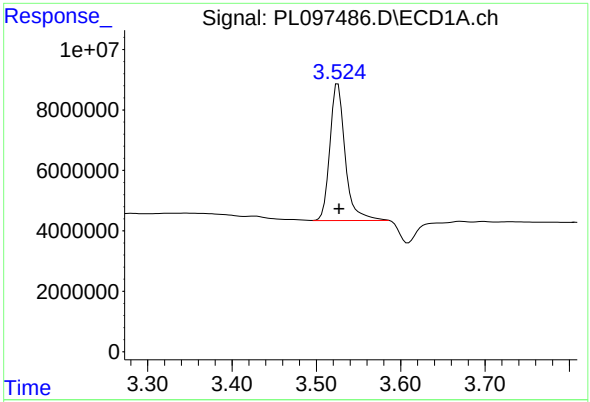
Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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







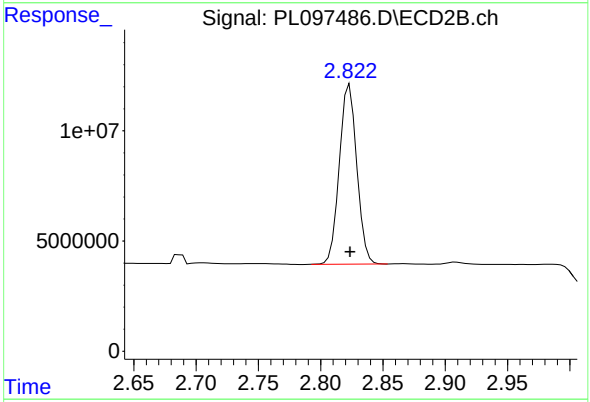
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: -0.003 min
Response: 57043358
Conc: 12.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV1-6FT

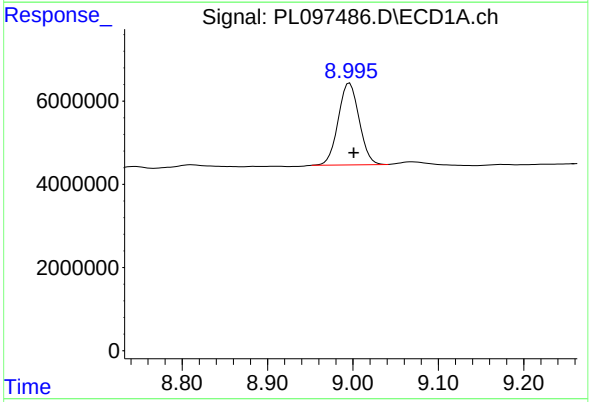
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



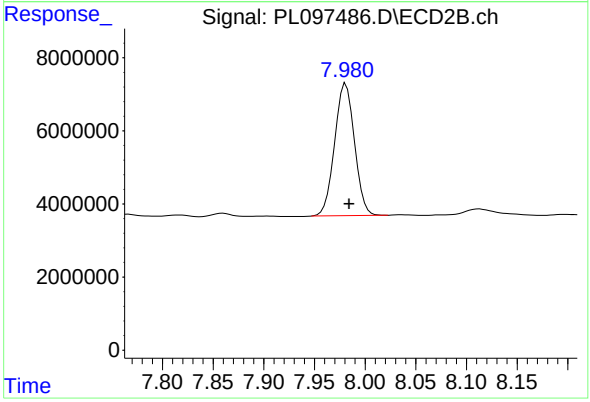
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 79988310
Conc: 12.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: -0.005 min
Response: 33446243
Conc: 10.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 49321317
Conc: 8.67 ng/ml

Raw Data: **PL097487.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097487.D	1	10/01/25 09:36	10/01/25 15:20	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	2.00	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	2.00	ug/kg
319-86-8	delta-BHC	0.46	U	0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.00	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	2.00	ug/kg
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.22	U	0.22	2.00	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.00	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.00	ug/kg
33213-65-9	Endosulfan II	0.34	U	0.34	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
72-43-5	Methoxychlor	0.44	U	0.44	2.00	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.44	U	0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.18	U	0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	38.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.2		20 - 144	71%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.9		19 - 148	70%	SPK: 20

Raw Data: **PL097487.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097487.D	1	10/01/25 09:36	10/01/25 15:20	PB169933

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: **PL097487.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097487.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 15:20
Operator : AR\AJ
Sample : Q3257-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ENV2-6FT

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.524	2.823	62966974	89906479	13.909m	13.673
28)	SA Decachlor...	8.996	7.980	46532970	70218052	14.221	12.337
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097487.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 15:20
Operator : AR\AJ
Sample : Q3257-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

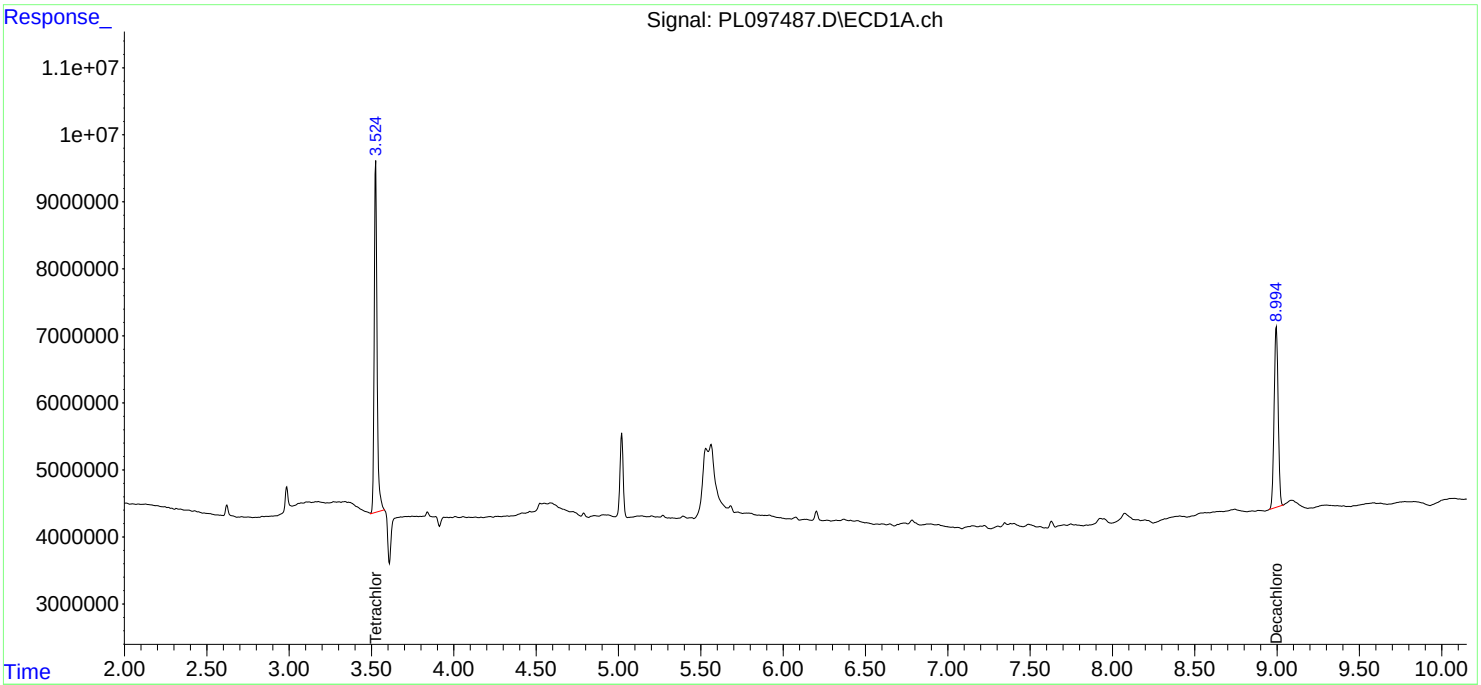
Instrument :
ECD_L
ClientSampleId :
ENV2-6FT

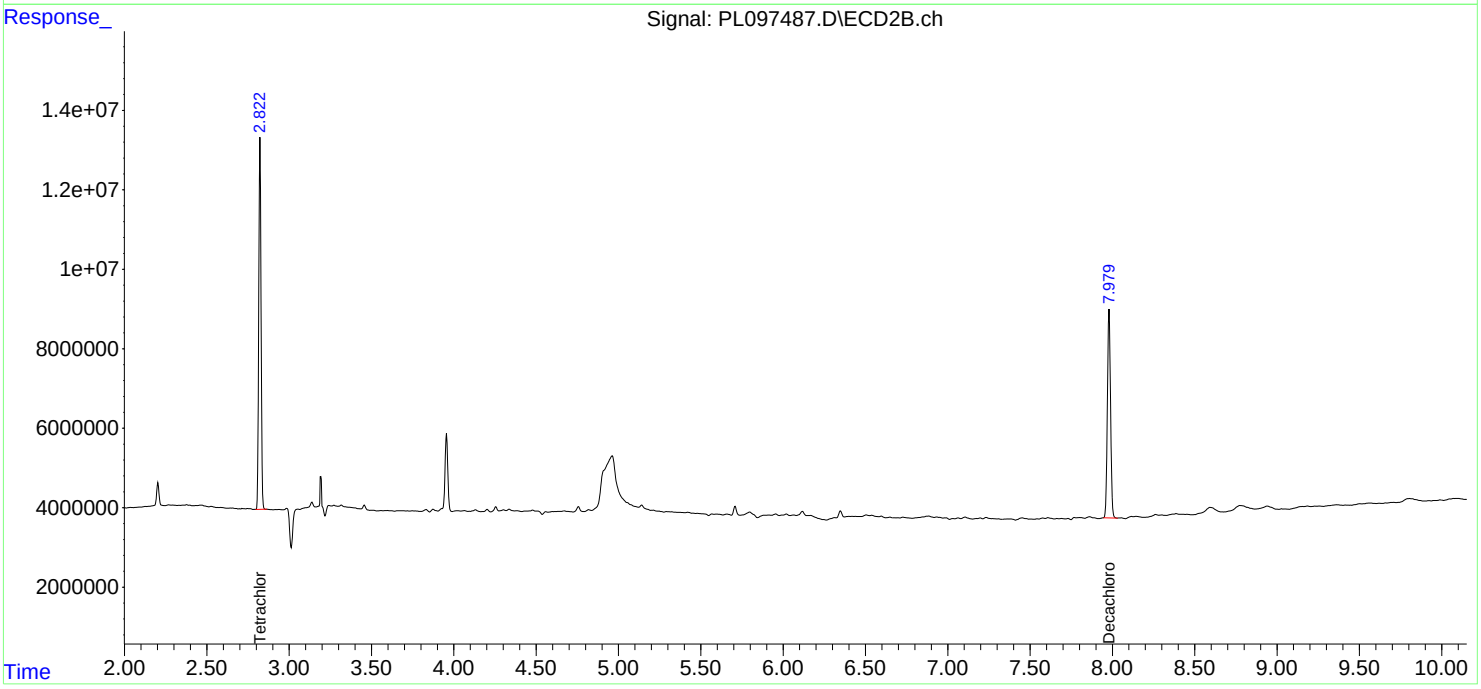
Manual Integrations APPROVED

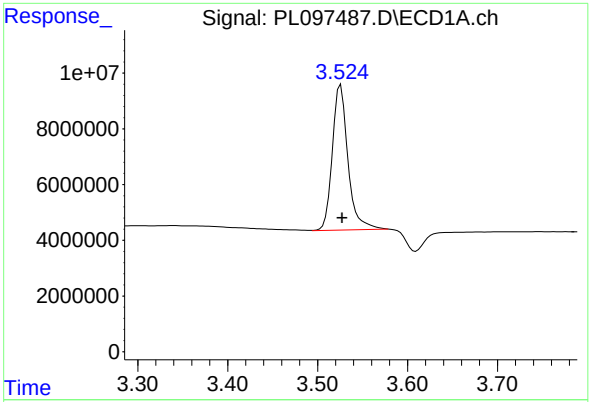
Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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







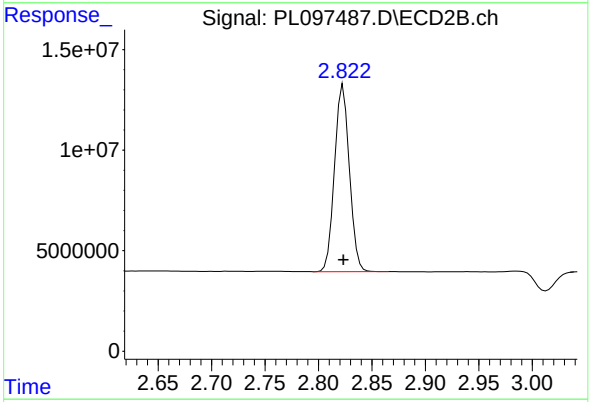
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: -0.003 min
Response: 62966974
Conc: 13.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FT

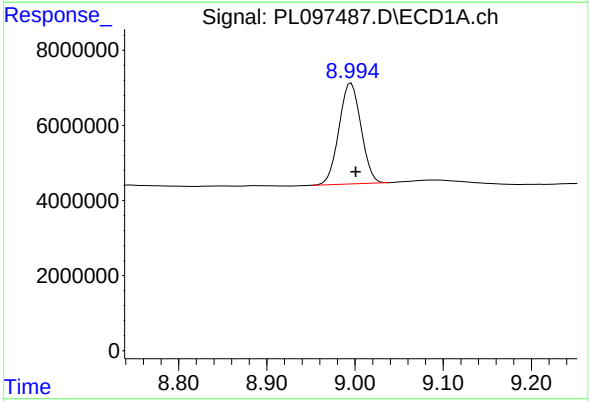
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



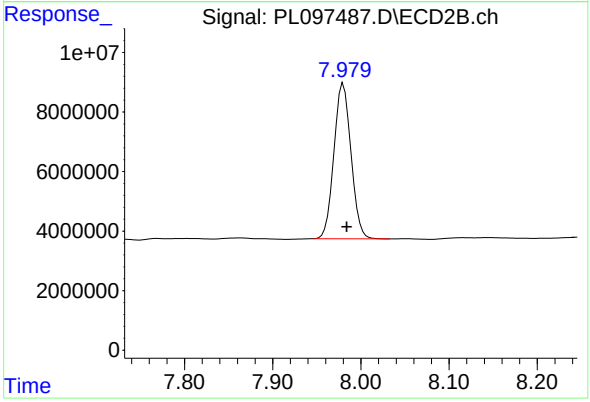
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 89906479
Conc: 13.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: -0.005 min
Response: 46532970
Conc: 14.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 70218052
Conc: 12.34 ng/ml

CALIBRATION SUMMARY

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: CAMP02
SDG NO.: Q3257
Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID: RT 100 = PL097271.D RT 075 = PL097272.D
RT 050 = PL097273.D RT 025 = PL097274.D RT 005 = PL097275.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
4,4'-DDE	6.16	6.16	6.16	6.16	6.16	6.16	6.06	6.26
4,4'-DDT	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
Aldrin	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
alpha-BHC	3.97	3.98	3.98	3.97	3.97	3.97	3.87	4.07
alpha-Chlordane	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
beta-BHC	4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Decachlorobiphenyl	9.00	9.00	9.00	9.00	9.00	9.00	8.90	9.10
delta-BHC	4.74	4.74	4.74	4.74	4.73	4.73	4.63	4.83
Dieldrin	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Endosulfan I	6.03	6.03	6.03	6.03	6.03	6.03	5.93	6.13
Endosulfan II	6.75	6.75	6.75	6.75	6.74	6.75	6.65	6.85
Endosulfan sulfate	7.11	7.11	7.11	7.11	7.11	7.11	7.01	7.21
Endrin	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Endrin aldehyde	6.87	6.88	6.87	6.88	6.87	6.87	6.77	6.97
Endrin ketone	7.59	7.59	7.59	7.59	7.59	7.59	7.49	7.69
gamma-BHC (Lindane)	4.30	4.30	4.30	4.30	4.30	4.30	4.20	4.40
gamma-Chlordane	5.91	5.91	5.91	5.91	5.91	5.91	5.81	6.01
Heptachlor	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Heptachlor epoxide	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Methoxychlor	7.45	7.45	7.45	7.45	7.45	7.45	7.35	7.55
Tetrachloro-m-xylene	3.53	3.53	3.53	3.53	3.53	3.53	3.43	3.63

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Instrument ID: ECD_L **Calibration Date(s):** 09/18/2025 09/18/2025

Calibration Times: 17:06 18:00

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

LAB FILE ID: RT 100 = PL097271.D RT 075 = PL097272.D

RT 050 = PL097273.D RT 025 = PL097274.D RT 005 = PL097275.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
4,4'-DDE	5.30	5.30	5.30	5.30	5.30	5.30	5.20	5.40
4,4'-DDT	6.10	6.10	6.10	6.10	6.10	6.10	6.00	6.20
Aldrin	4.29	4.29	4.29	4.29	4.29	4.29	4.19	4.39
alpha-BHC	3.33	3.33	3.33	3.33	3.33	3.33	3.23	3.43
alpha-Chlordane	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
beta-BHC	3.96	3.96	3.96	3.96	3.96	3.96	3.86	4.06
Decachlorobiphenyl	7.98	7.99	7.98	7.98	7.98	7.98	7.88	8.08
delta-BHC	4.19	4.19	4.19	4.19	4.19	4.19	4.09	4.29
Dieldrin	5.43	5.43	5.43	5.43	5.43	5.43	5.33	5.53
Endosulfan I	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Endosulfan II	5.99	6.00	6.00	6.00	5.99	5.99	5.89	6.09
Endosulfan sulfate	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Endrin	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Endrin aldehyde	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Endrin ketone	6.90	6.90	6.90	6.90	6.90	6.90	6.80	7.00
gamma-BHC (Lindane)	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
gamma-Chlordane	5.04	5.05	5.05	5.05	5.04	5.04	4.94	5.14
Heptachlor	4.01	4.01	4.01	4.01	4.01	4.01	3.91	4.11
Heptachlor epoxide	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Methoxychlor	6.67	6.67	6.67	6.68	6.67	6.67	6.57	6.77
Tetrachloro-m-xylene	2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92

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: CAMP02
SDG NO.: Q3257
Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID: **CF 100 =** PL097271.D **CF 075 =** PL097272.D
CF 050 = PL097273.D **CF 025 =** PL097274.D **CF 005 =** PL097275.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3890970000	3788420000	3762720000	3580660000	3829940000	3770540000	3
4,4'-DDE	4963980000	4819990000	4737070000	4512820000	4789690000	4764710000	3
4,4'-DDT	4402840000	4274830000	4245340000	4064150000	4148830000	4227200000	3
Aldrin	6552430000	6368880000	6295000000	6072640000	6380380000	6333870000	3
alpha-BHC	7433460000	7150430000	7020140000	6635730000	6697400000	6987430000	5
alpha-Chlordane	5728330000	5597580000	5593620000	5491270000	5988720000	5679910000	3
beta-BHC	2691590000	2641310000	2679400000	2673590000	2945030000	2726180000	5
Decachlorobiphenyl	3151670000	3121880000	3187620000	3242730000	3657150000	3272210000	7
delta-BHC	6408970000	6173000000	6129940000	5874830000	5754960000	6068340000	4
Dieldrin	5667980000	5504780000	5450620000	5257570000	5529790000	5482150000	3
Endosulfan I	5248570000	5119040000	5121050000	5001710000	5416320000	5181340000	3
Endosulfan II	4694590000	4637630000	4774680000	4729590000	5755250000	4918350000	10
Endosulfan sulfate	4084400000	3990510000	4020090000	3958010000	4360620000	4082720000	4
Endrin	4777540000	4640970000	4618310000	4356250000	4672620000	4613140000	3
Endrin aldehyde	3035530000	2997840000	3059200000	3036470000	3285020000	3082810000	4
Endrin ketone	4296460000	4191230000	4224850000	4117820000	4391400000	4244350000	2
gamma-BHC (Lindane)	6940420000	6699850000	6593990000	6320490000	6510990000	6613150000	3
gamma-Chlordane	5793040000	5651990000	5610580000	5462080000	5749930000	5653520000	2
Heptachlor	6809100000	6621120000	6608040000	6426970000	6885270000	6670100000	3
Heptachlor epoxide	5764160000	5655320000	5756800000	5829540000	5728960000	5746960000	1
Methoxychlor	2052960000	2027370000	2062620000	2055200000	2228740000	2085380000	4
Tetrachloro-m-xylene	4554070000	4459430000	4465020000	4402740000	4754560000	4527160000	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: CAMP02
SDG NO.: Q3257
Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

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

LAB FILE ID: **CF 100 =** PL097271.D **CF 075 =** PL097272.D
CF 050 = PL097273.D **CF 025 =** PL097274.D **CF 005 =** PL097275.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	6589410000	6442790000	6358010000	6264340000	6590870000	6449080000	2
4,4'-DDE	7911410000	7746610000	7699440000	7406140000	7660040000	7684730000	2
4,4'-DDT	7190090000	7022180000	6972860000	6696570000	6720750000	6920490000	3
Aldrin	8860980000	8673260000	8661660000	8404070000	8796570000	8679310000	2
alpha-BHC	10445300000	10099800000	10014300000	9556100000	9672320000	9957580000	4
alpha-Chlordane	8274780000	8189370000	8245060000	8242520000	8550750000	8300500000	2
beta-BHC	3970220000	3899800000	3948240000	3983880000	4508040000	4062030000	6
Decachlorobiphenyl	5360550000	5307930000	5459740000	5623180000	6706450000	5691570000	10
delta-BHC	9586460000	9293680000	9232620000	8834360000	9014090000	9192240000	3
Dieldrin	8251310000	8119720000	8132170000	7909230000	8471500000	8176790000	3
Endosulfan I	7387320000	7345100000	7430480000	7454690000	8800570000	7683630000	8
Endosulfan II	6977690000	6911390000	6956920000	6938260000	7761900000	7109230000	5
Endosulfan sulfate	6664750000	6623680000	6716400000	6733120000	7510980000	6849790000	5
Endrin	7450260000	7335750000	7338920000	7289700000	8137930000	7510510000	5
Endrin aldehyde	4761890000	4756960000	4914450000	5156210000	7097510000	5337410000	19
Endrin ketone	7223190000	7153630000	7391340000	7391360000	8491940000	7530290000	7
gamma-BHC (Lindane)	9632950000	9373760000	9300450000	8991300000	9274840000	9314660000	2
gamma-Chlordane	8553830000	8490290000	8565810000	8624220000	9435120000	8733850000	5
Heptachlor	9299100000	9162550000	9216060000	9078210000	9769790000	9305140000	3
Heptachlor epoxide	7825700000	7749420000	7831840000	7763530000	8487220000	7931540000	4
Methoxychlor	3580590000	3582010000	3698660000	3768400000	4217720000	3769480000	7
Tetrachloro-m-xylene	6546800000	6457210000	6449880000	6384190000	7039690000	6575560000	4

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:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Instrument ID: ECD_L **Date(s) Analyzed:** 09/18/2025 09/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.20	6.10	6.30	42075500
		2	6.60	6.50	6.70	33847100
		3	7.01	6.91	7.11	141900000
		4	7.11	7.01	7.21	105792000
		5	7.88	7.78	7.98	74166200

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:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Instrument ID: ECD_L **Date(s) Analyzed:** 09/18/2025 09/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.07	4.97	5.17	42482700
		2	5.75	5.65	5.85	54918500
		3	6.03	5.93	6.13	57955900
		4	6.67	6.57	6.77	177984000
		5	7.11	7.01	7.21	109140000

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:06
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.527	2.823	455.4E6	654.7E6	101.994	101.503
28)	SA Decachlor...	9.001	7.984	315.2E6	536.1E6	98.872	98.183
	Target Compounds						
2)	A alpha-BHC	3.974	3.329	743.3E6	1044.5E6	105.888	104.303
3)	MA gamma-BHC...	4.302	3.660	694.0E6	963.3E6	105.254	103.575
4)	MA Heptachlor	4.893	4.008	680.9E6	929.9E6	103.043	100.901
5)	MB Aldrin	5.232	4.290	655.2E6	886.1E6	104.089	102.301
6)	B beta-BHC	4.489	3.956	269.2E6	397.0E6	100.455	100.557
7)	B delta-BHC	4.735	4.189	640.9E6	958.6E6	104.552	103.832
8)	B Heptachlo...	5.652	4.793	576.4E6	782.6E6	100.128	99.922
9)	A Endosulfan I	6.033	5.163	524.9E6	738.7E6	102.490	99.419
10)	B gamma-Chl...	5.905	5.044	579.3E6	855.4E6	103.252	99.860
11)	B alpha-Chl...	5.986	5.108	572.8E6	827.5E6	102.408	100.361
12)	B 4,4'-DDE	6.156	5.297	496.4E6	791.1E6	104.790	102.753
13)	MA Dieldrin	6.306	5.428	566.8E6	825.1E6	103.988	101.465
14)	MA Endrin	6.532	5.702	477.8E6	745.0E6	103.448	101.517
15)	B Endosulfa...	6.745	5.994	469.5E6	697.8E6	98.323	100.299
16)	A 4,4'-DDD	6.665	5.850	389.1E6	658.9E6	103.408	103.640
17)	MA 4,4'-DDT	6.979	6.102	440.3E6	719.0E6	103.710	103.115
18)	B Endrin al...	6.874	6.172	303.6E6	476.2E6	99.226	96.896
19)	B Endosulfa...	7.108	6.396	408.4E6	666.5E6	101.600	99.231
20)	A Methoxychlor	7.452	6.674	205.3E6	358.1E6	99.532	96.808
21)	B Endrin ke...	7.587	6.900	429.6E6	722.3E6	101.695	97.725
22)	Mirex	8.065	7.089	330.8E6	552.6E6	97.189	96.302

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

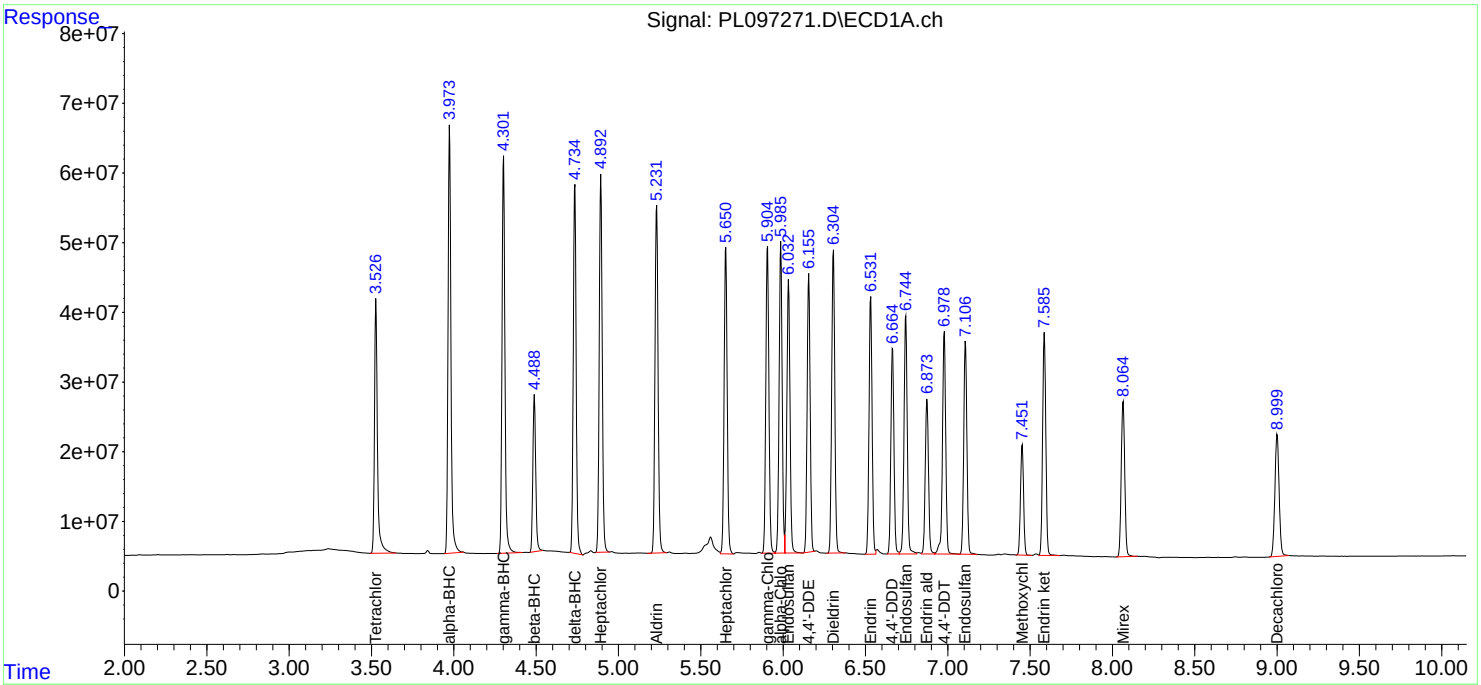
ICAL Form

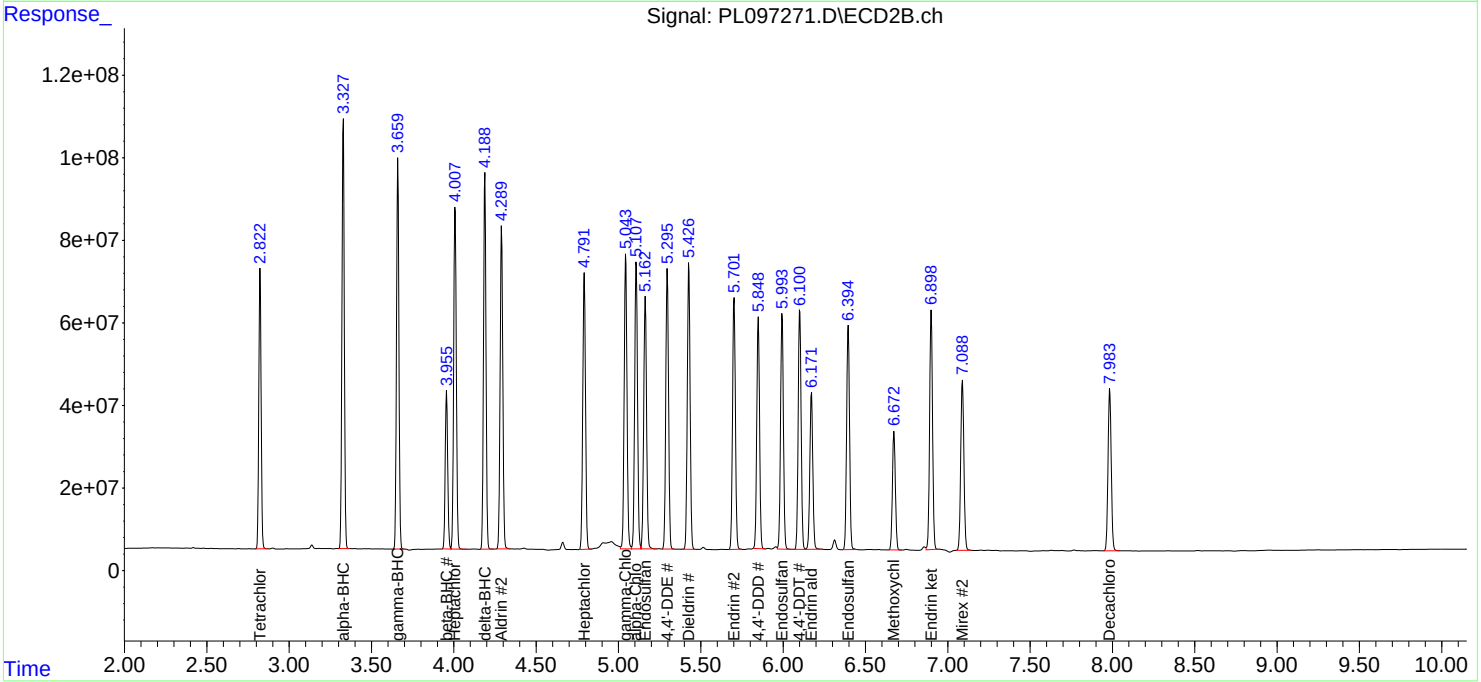
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:06
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm 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\PL092025\
Data File : PL097272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:19
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:44:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm 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...	3.528	2.824	334.5E6	484.3E6	74.906	75.085
28)	SA Decachlor...	9.002	7.985	234.1E6	398.1E6	73.453	72.915
	Target Compounds						
2)	A alpha-BHC	3.975	3.329	536.3E6	757.5E6	76.392	75.640
3)	MA gamma-BHC...	4.302	3.661	502.5E6	703.0E6	76.204	75.591
4)	MA Heptachlor	4.893	4.009	496.6E6	687.2E6	75.148	74.565
5)	MB Aldrin	5.232	4.291	477.7E6	650.5E6	75.880	75.100
6)	B beta-BHC	4.490	3.957	198.1E6	292.5E6	73.934	74.080
7)	B delta-BHC	4.735	4.190	463.0E6	697.0E6	75.527	75.496
8)	B Heptachlo...	5.652	4.793	424.1E6	581.2E6	73.678	74.211
9)	A Endosulfan I	6.034	5.163	383.9E6	550.9E6	74.971	74.138
10)	B gamma-Chl...	5.906	5.045	423.9E6	636.8E6	75.554	74.339
11)	B alpha-Chl...	5.986	5.109	419.8E6	614.2E6	75.053	74.493
12)	B 4,4'-DDE	6.156	5.297	361.5E6	581.0E6	76.313	75.459
13)	MA Dieldrin	6.306	5.428	412.9E6	609.0E6	75.745	74.885
14)	MA Endrin	6.533	5.703	348.1E6	550.2E6	75.368	74.968
15)	B Endosulfa...	6.745	5.995	347.8E6	518.4E6	72.847	74.509
16)	A 4,4'-DDD	6.665	5.850	284.1E6	483.2E6	75.512	76.000
17)	MA 4,4'-DDT	6.980	6.102	320.6E6	526.7E6	75.521	75.530
18)	B Endrin al...	6.875	6.173	224.8E6	356.8E6	73.496	72.597
19)	B Endosulfa...	7.108	6.396	299.3E6	496.8E6	74.448	73.965
20)	A Methoxychlor	7.453	6.674	152.1E6	268.7E6	73.718	72.634
21)	B Endrin ke...	7.588	6.900	314.3E6	536.5E6	74.403	72.588
22)	Mirex	8.066	7.090	246.6E6	415.4E6	72.461	72.394

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

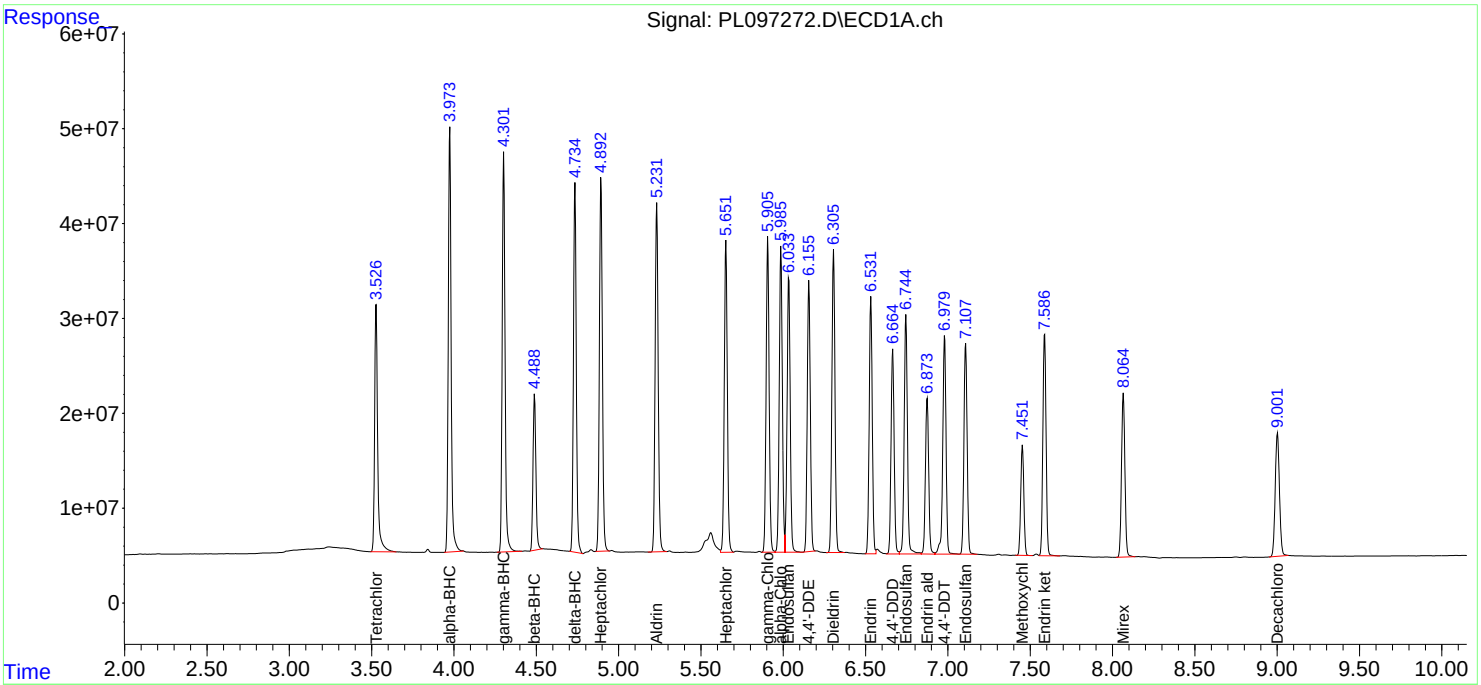
ICAL Form

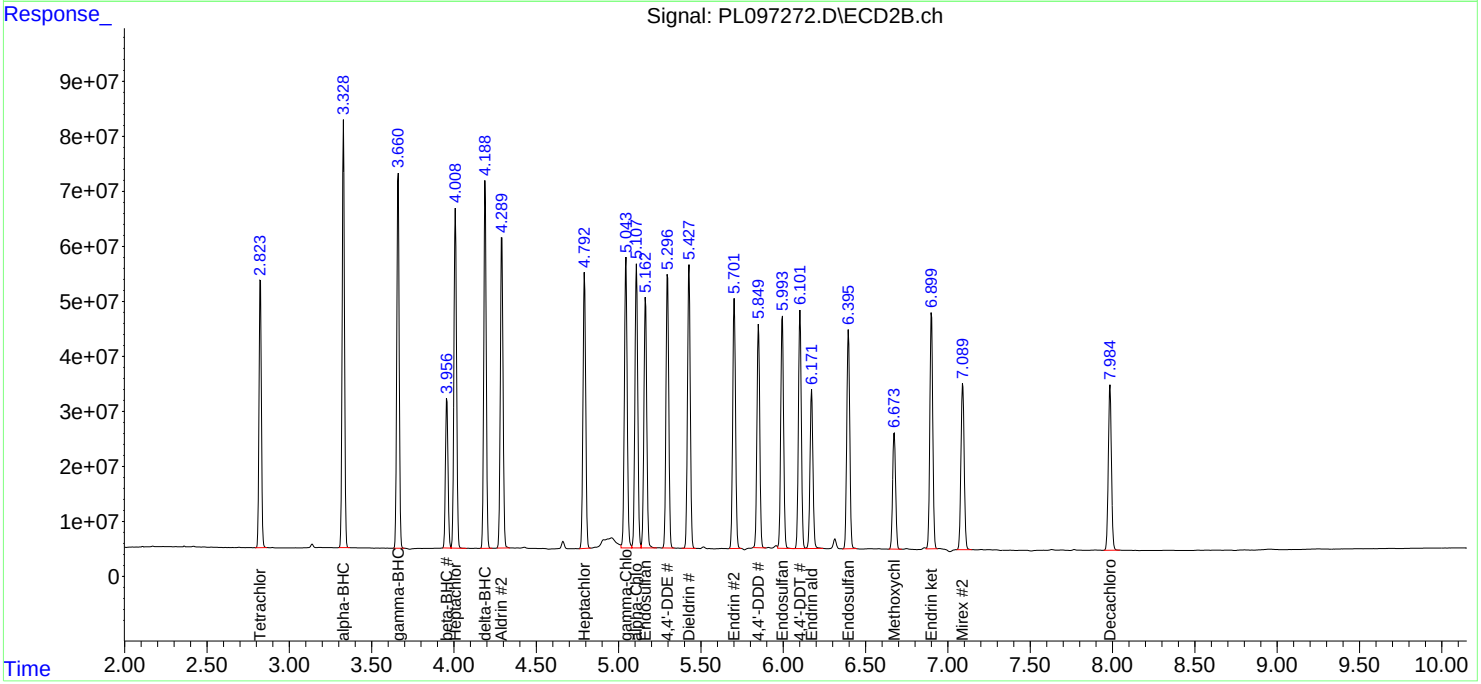
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:19
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:44:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm 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\PL092025\
Data File : PL097273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:33
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: Sep 19 04:44:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm 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...	3.528	2.824	223.3E6	322.5E6	50.000	50.000
28) SA	Decachlor...	9.002	7.984	159.4E6	273.0E6	50.000	50.000
	Target Compounds						
2) A	alpha-BHC	3.975	3.329	351.0E6	500.7E6	50.000	50.000
3) MA	gamma-BHC...	4.302	3.661	329.7E6	465.0E6	50.000	50.000
4) MA	Heptachlor	4.893	4.009	330.4E6	460.8E6	50.000	50.000
5) MB	Aldrin	5.232	4.291	314.7E6	433.1E6	50.000	50.000
6) B	beta-BHC	4.490	3.957	134.0E6	197.4E6	50.000	50.000
7) B	delta-BHC	4.735	4.190	306.5E6	461.6E6	50.000	50.000
8) B	Heptachlo...	5.652	4.793	287.8E6	391.6E6	50.000	50.000
9) A	Endosulfan I	6.034	5.164	256.1E6	371.5E6	50.000	50.000
10) B	gamma-Chl...	5.906	5.045	280.5E6	428.3E6	50.000	50.000
11) B	alpha-Chl...	5.986	5.109	279.7E6	412.3E6	50.000	50.000
12) B	4,4'-DDE	6.156	5.297	236.9E6	385.0E6	50.000	50.000
13) MA	Dieldrin	6.306	5.428	272.5E6	406.6E6	50.000	50.000
14) MA	Endrin	6.532	5.703	230.9E6	366.9E6	50.000	50.000
15) B	Endosulfa...	6.746	5.995	238.7E6	347.8E6	50.000	50.000
16) A	4,4'-DDD	6.666	5.850	188.1E6	317.9E6	50.000	50.000
17) MA	4,4'-DDT	6.980	6.102	212.3E6	348.6E6	50.000	50.000
18) B	Endrin al...	6.874	6.173	153.0E6	245.7E6	50.000	50.000
19) B	Endosulfa...	7.107	6.396	201.0E6	335.8E6	50.000	50.000
20) A	Methoxychlor	7.452	6.674	103.1E6	184.9E6	50.000	50.000
21) B	Endrin ke...	7.587	6.900	211.2E6	369.6E6	50.000	50.000
22)	Mirex	8.065	7.090	170.2E6	286.9E6	50.000	50.000

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

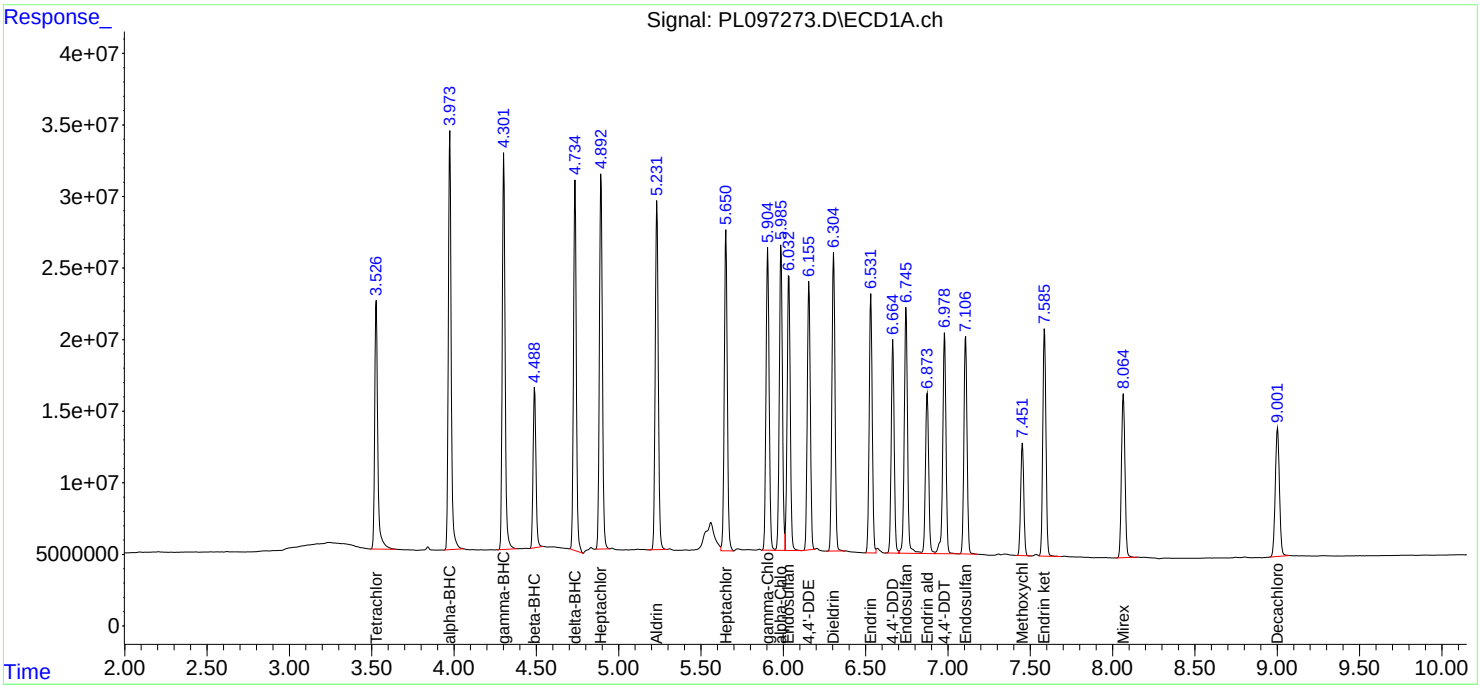
ICAL Form

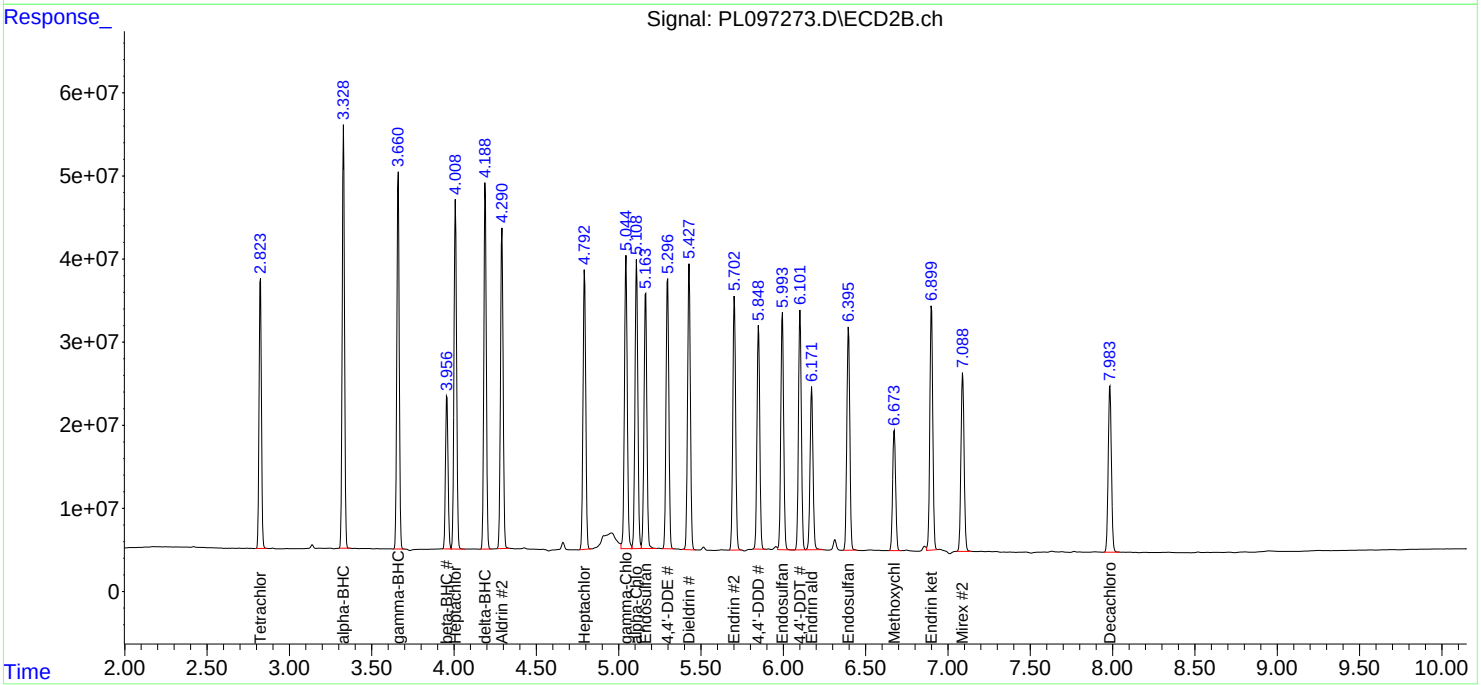
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:33
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:44:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm 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\PL092025\
Data File : PL097274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:47
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:45:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.527	2.824	110.1E6	159.6E6	24.651	24.745
28)	SA Decachlor...	9.001	7.984	81068137	140.6E6	25.432	25.748
	Target Compounds						
2)	A alpha-BHC	3.974	3.329	165.9E6	238.9E6	23.631	23.856
3)	MA gamma-BHC...	4.302	3.661	158.0E6	224.8E6	23.963	24.169
4)	MA Heptachlor	4.893	4.009	160.7E6	227.0E6	24.315	24.626
5)	MB Aldrin	5.232	4.291	151.8E6	210.1E6	24.117	24.257
6)	B beta-BHC	4.489	3.957	66839868	99596935	24.946	25.226
7)	B delta-BHC	4.735	4.190	146.9E6	220.9E6	23.960	23.922
8)	B Heptachlo...	5.652	4.793	145.7E6	194.1E6	25.316	24.782
9)	A Endosulfan I	6.034	5.164	125.0E6	186.4E6	24.417	25.081
10)	B gamma-Chl...	5.906	5.045	136.6E6	215.6E6	24.338	25.170
11)	B alpha-Chl...	5.986	5.109	137.3E6	206.1E6	24.543	24.992
12)	B 4,4'-DDE	6.156	5.297	112.8E6	185.2E6	23.816	24.048
13)	MA Dieldrin	6.306	5.428	131.4E6	197.7E6	24.115	24.315
14)	MA Endrin	6.532	5.702	108.9E6	182.2E6	23.581	24.832
15)	B Endosulfa...	6.746	5.995	118.2E6	173.5E6	24.764	24.933
16)	A 4,4'-DDD	6.665	5.850	89516591	156.6E6	23.790	24.632
17)	MA 4,4'-DDT	6.979	6.102	101.6E6	167.4E6	23.933	24.009
18)	B Endrin al...	6.875	6.173	75911729	128.9E6	24.814	26.230
19)	B Endosulfa...	7.108	6.396	98950148	168.3E6	24.614	25.062
20)	A Methoxychlor	7.453	6.675	51380116	94210076	24.910	25.471
21)	B Endrin ke...	7.587	6.900	102.9E6	184.8E6	24.367	25.000
22)	Mirex	8.065	7.090	87774467	148.3E6	25.790	25.847

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

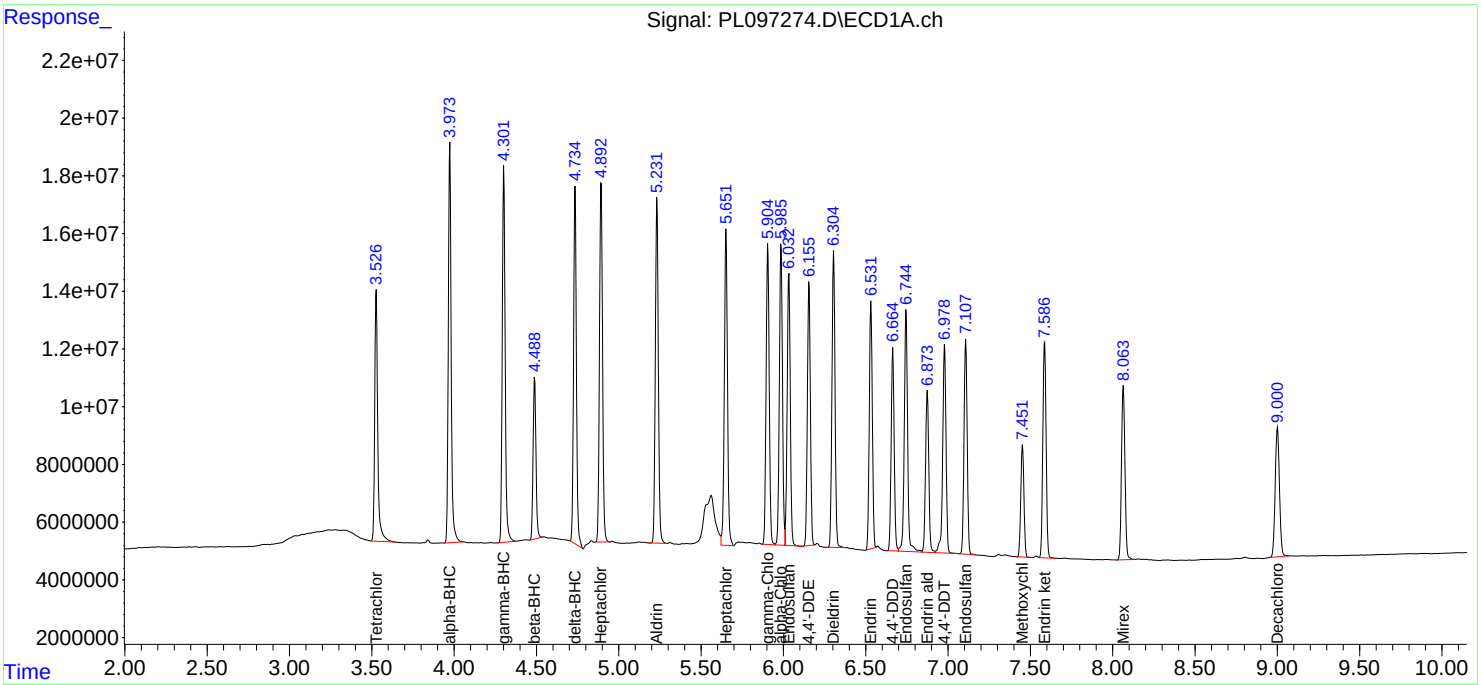
ICAL Form

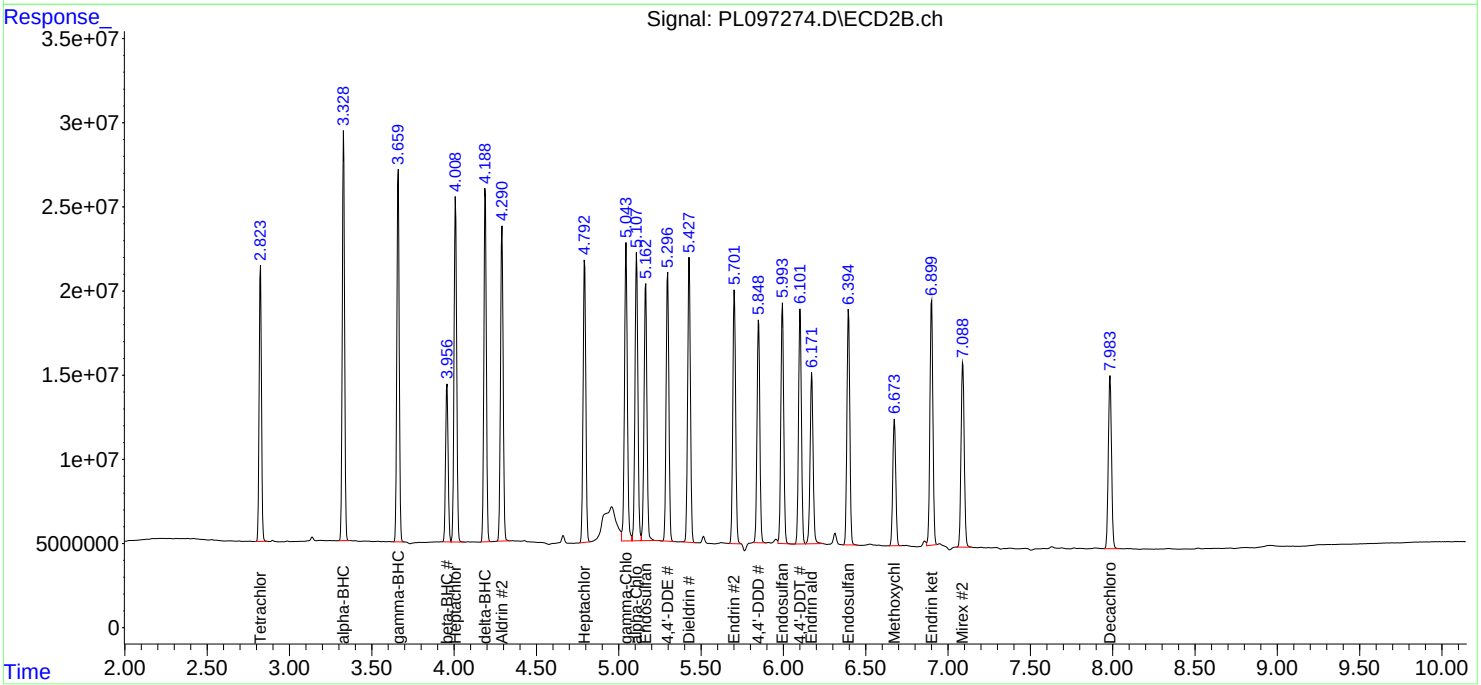
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 17:47
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:45:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm 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\PL092025\
Data File : PL097275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 18:00
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:45:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.527	2.824	23772791	35198466	5.324	5.457
28)	SA Decachlor...	9.001	7.984	18285769	33532264	5.737	6.142
	Target Compounds						
2)	A alpha-BHC	3.974	3.328	33487008	48361581	4.770	4.829
3)	MA gamma-BHC...	4.302	3.660	32554930	46374195	4.937	4.986
4)	MA Heptachlor	4.893	4.008	34426346	48848941	5.210	5.300
5)	MB Aldrin	5.232	4.290	31901901	43982840	5.068	5.078
6)	B beta-BHC	4.490	3.957	14725134	22540181	5.496	5.709
7)	B delta-BHC	4.733	4.189	28774806	45070449	4.694m	4.882
8)	B Heptachlo...	5.650	4.793	28644801	42436094	4.976m	5.418
9)	A Endosulfan I	6.033	5.163	27081618	44002825	5.288	5.922
10)	B gamma-Chl...	5.905	5.043	28749631	47175597	5.124	5.507m
11)	B alpha-Chl...	5.986	5.107	29943592	42753742	5.353	5.185m
12)	B 4,4'-DDE	6.156	5.297	23948455	38300213	5.056	4.974
13)	MA Dieldrin	6.305	5.428	27648945	42357479	5.073	5.209
14)	MA Endrin	6.532	5.702	23363118	40689632	5.059	5.544
15)	B Endosulfa...	6.744	5.994	28776249	38809493	6.027m	5.579
16)	A 4,4'-DDD	6.665	5.850	19149707	32954369	5.089	5.183
17)	MA 4,4'-DDT	6.979	6.102	20744145	33603734	4.886	4.819
18)	B Endrin al...	6.874	6.171	16425107	35487549	5.369	7.221m#
19)	B Endosulfa...	7.108	6.396	21803103	37554894	5.424	5.592
20)	A Methoxychlor	7.452	6.674	11143676	21088586	5.403	5.702
21)	B Endrin ke...	7.587	6.899	21956995	42459706	5.197	5.745m
22)	Mirex	8.065	7.090	21205020	35794871	6.230	6.238

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 18:00
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

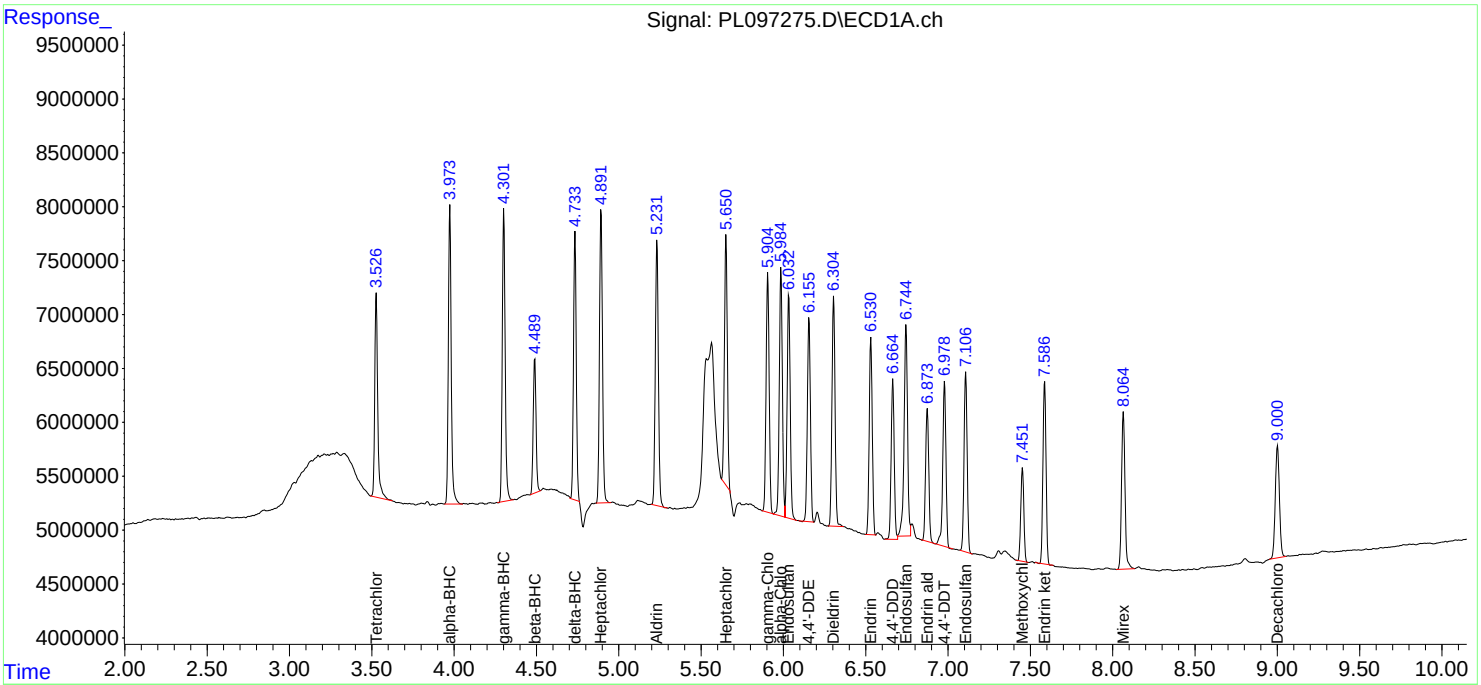
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

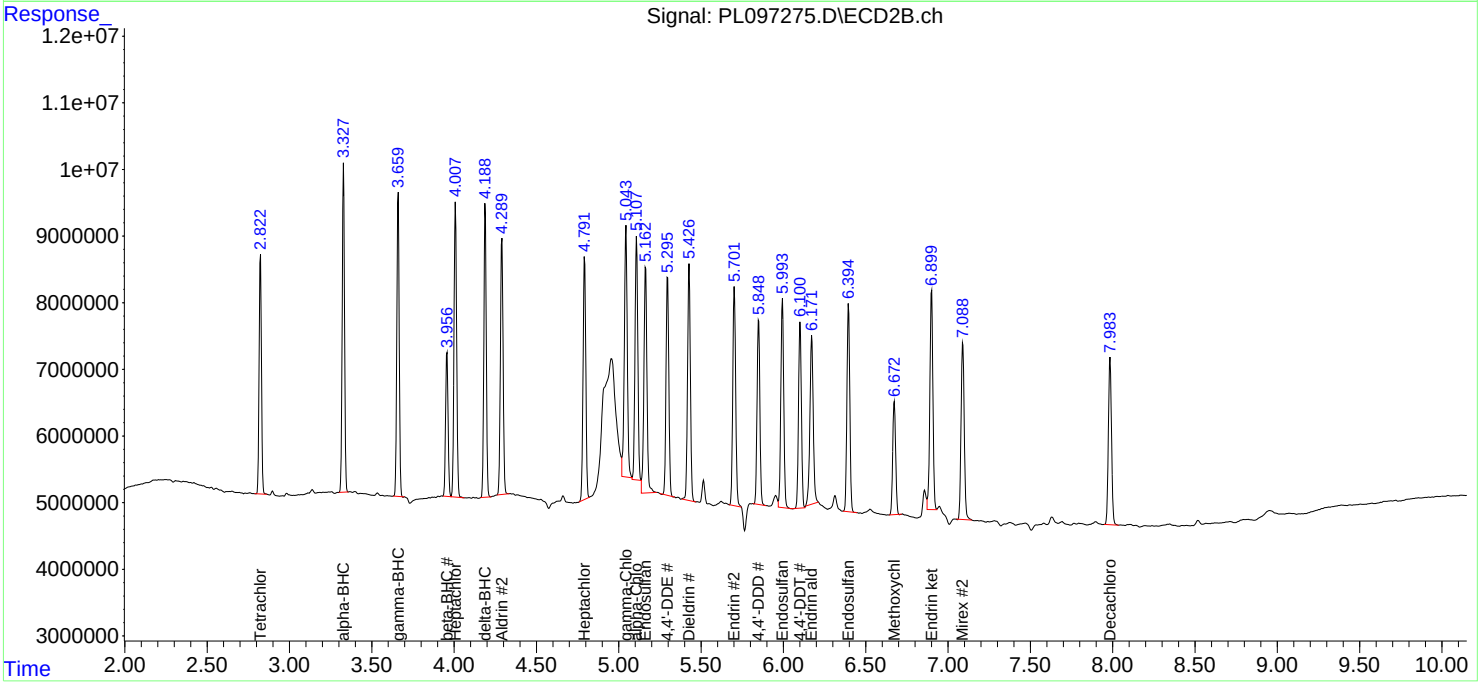
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 04:45:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:43:39 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm 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\PL092025\
Data File : PL097278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 18:41
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: Sep 19 05:25:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:24:11 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...	3.528	2.823	181.2E6	350.3E6	50.000	50.000
28)	SA Decachlor...	9.002	7.984	130.8E6	233.3E6	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.680	3.832	103.4E6	126.1E6	500.000	500.000
24)	Chlordane-2	5.204	4.412	108.0E6	142.2E6	500.000	500.000
25)	Chlordane-3	5.907	5.044	406.9E6	438.8E6	500.000	500.000
26)	Chlordane-4	5.991	5.108	496.0E6	383.2E6	500.000	500.000
27)	Chlordane-5	6.828	6.002	81439283	146.3E6	500.000	500.000

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

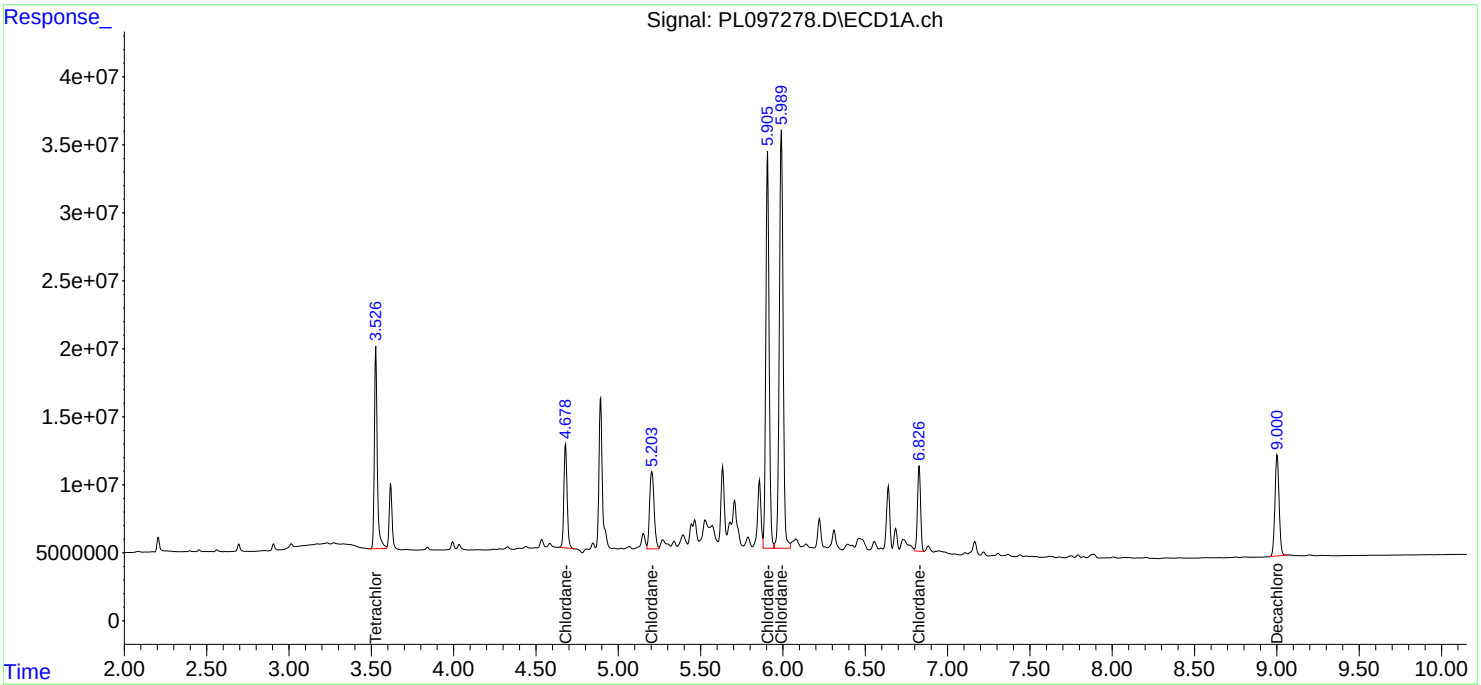
ICAL Form

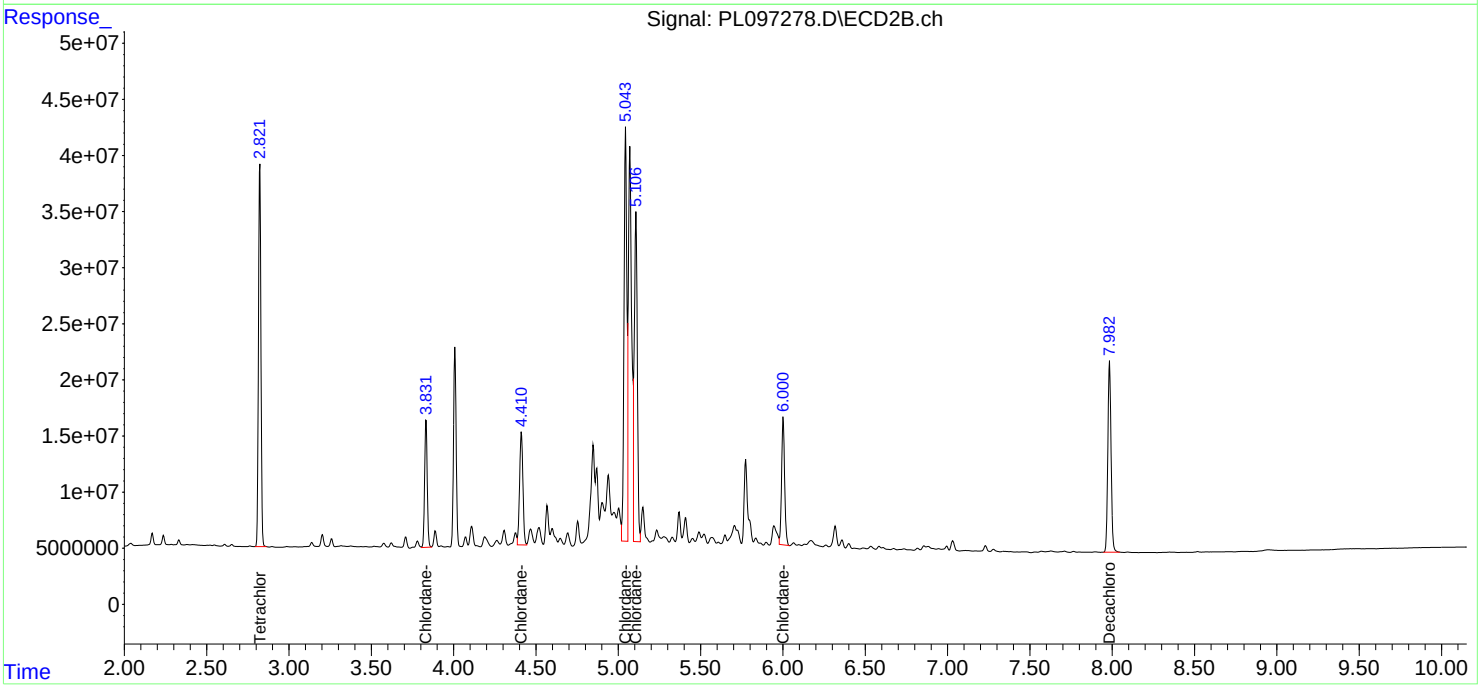
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 18:41
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:25:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:24:11 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\PL092025\
Data File : PL097283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 19:49
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: Sep 19 06:18:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 06:17:16 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...	3.527	2.824	212.8E6	316.1E6	50.000	50.000
7)	SA Decachlor...	9.001	7.985	151.2E6	274.7E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.202	5.066	21037740	21241348	500.000	500.000
3)	Toxaphene-2	6.601	5.752	16923557	27459266	500.000	500.000
4)	Toxaphene-3	7.014	6.033	70949766	28977953	500.000	500.000
5)	Toxaphene-4	7.105	6.667	52895758	88991768	500.000	500.000
6)	Toxaphene-5	7.883	7.107	37083116	54569782	500.000	500.000

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

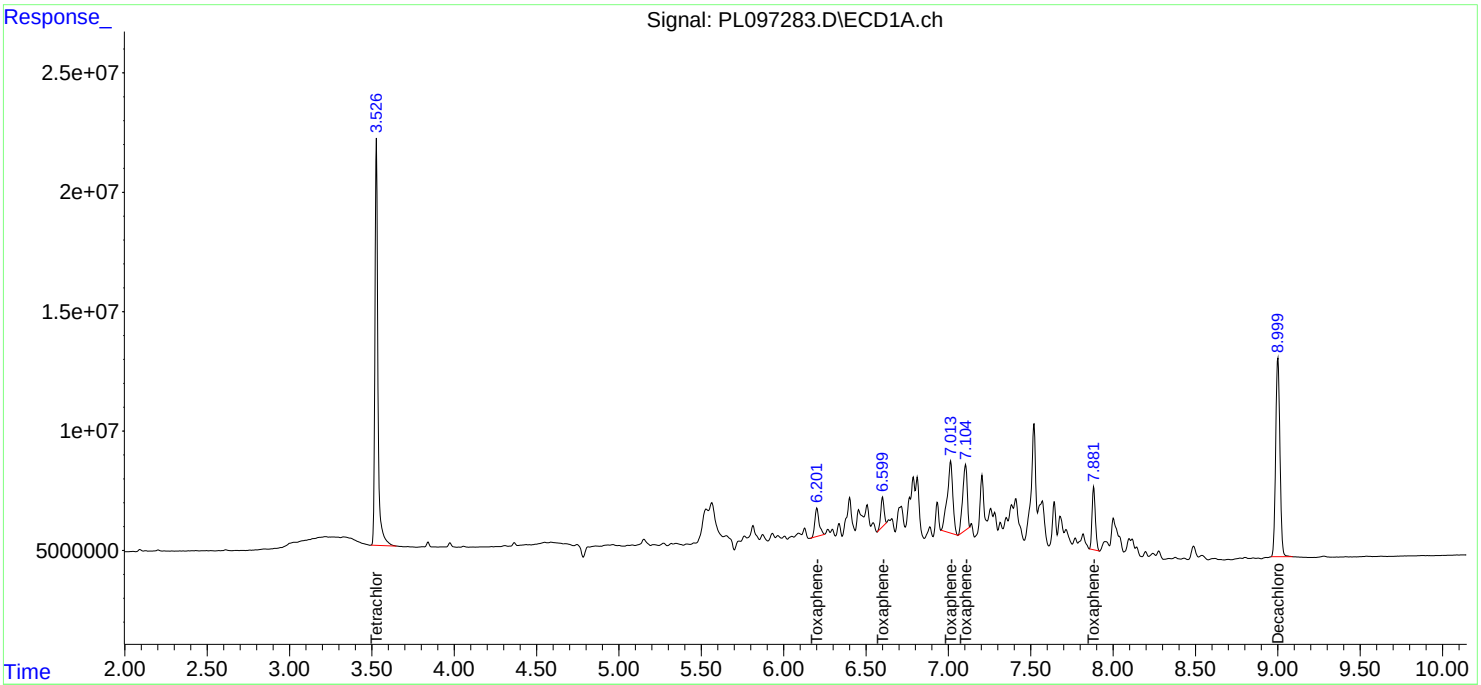
ICAL Form

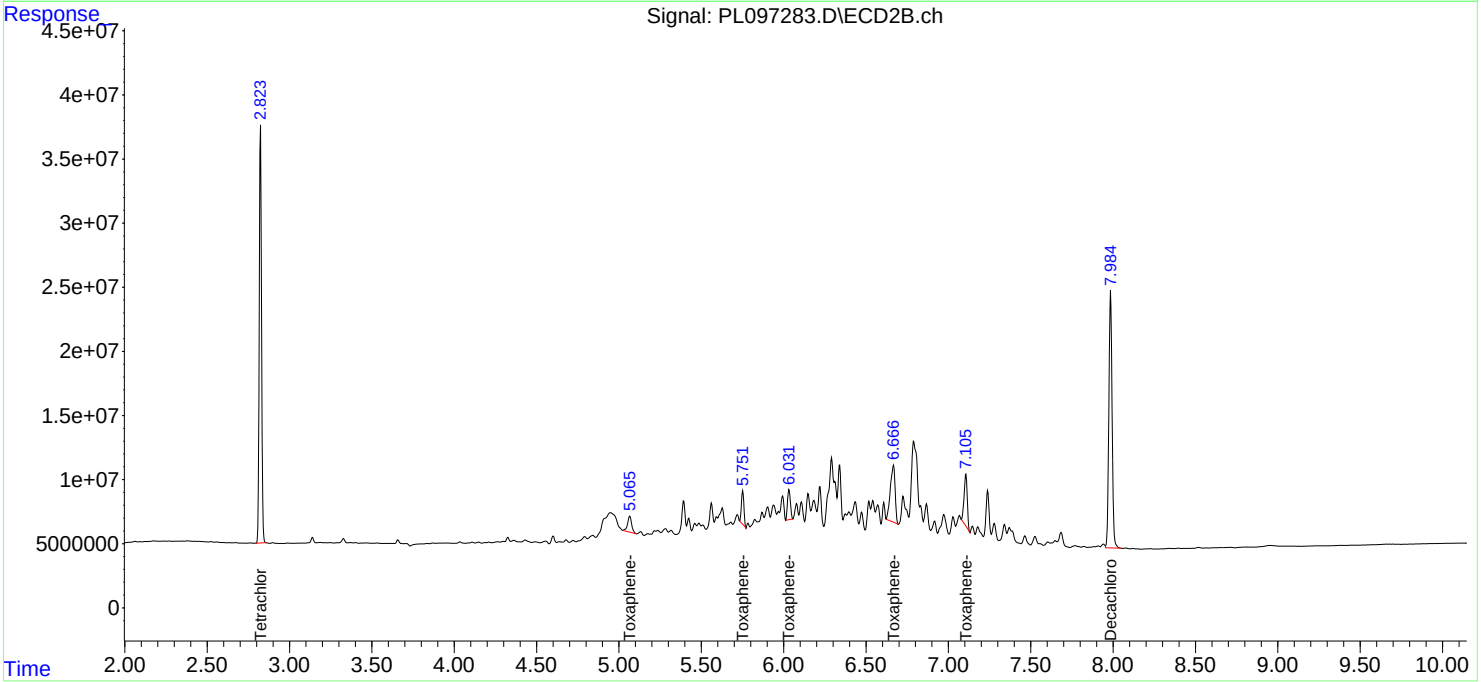
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 19:49
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 06:18:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 06:17:16 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 08:39
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.526	2.820	233.1E6	328.4E6	51.482	49.938
28)	SA Decachlor...	9.006	7.985	165.2E6	255.3E6	50.482	44.851
	Target Compounds						
2)	A alpha-BHC	3.974	3.325	368.4E6	500.7E6	52.723	50.281
3)	MA gamma-BHC...	4.302	3.657	344.6E6	461.1E6	52.110	49.498
4)	MA Heptachlor	4.893	4.005	349.0E6	445.3E6	52.326	47.851
5)	MB Aldrin	5.233	4.288	325.9E6	418.1E6	51.460	48.168
6)	B beta-BHC	4.490	3.954	136.9E6	187.9E6	50.230	46.246
7)	B delta-BHC	4.734	4.186	321.2E6	449.4E6	52.930m	48.893
8)	B Heptachlo...	5.651	4.789	306.1E6	376.2E6	53.263m	47.430m
9)	A Endosulfan I	6.034	5.161	264.5E6	345.6E6	51.051m	44.982
10)	B gamma-Chl...	5.905	5.042	288.6E6	406.9E6	51.050m	46.594
11)	B alpha-Chl...	5.986	5.107	285.1E6	401.4E6	50.192m	48.364
12)	B 4,4'-DDE	6.156	5.294	248.9E6	367.5E6	52.230m	47.821m
13)	MA Dieldrin	6.307	5.424	282.4E6	392.3E6	51.517	47.972m
14)	MA Endrin	6.532	5.701	241.9E6	351.7E6	52.445m	46.833
15)	B Endosulfa...	6.745	5.993	240.2E6	329.4E6	48.828m	46.333
16)	A 4,4'-DDD	6.666	5.848	191.1E6	297.9E6	50.687m	46.193
17)	MA 4,4'-DDT	6.982	6.101	229.3E6	328.0E6	54.236	47.389
18)	B Endrin al...	6.876	6.171	175.3E6	229.7E6	56.862	43.033
19)	B Endosulfa...	7.110	6.395	209.3E6	310.2E6	51.264	45.293
20)	A Methoxychlor	7.455	6.673	103.8E6	168.0E6	49.793	44.559
21)	B Endrin ke...	7.590	6.898	220.0E6	395.4E6	51.828	52.514m
22)	Mirex	8.068	7.089	174.4E6	269.2E6	49.109	45.026

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 08:39
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

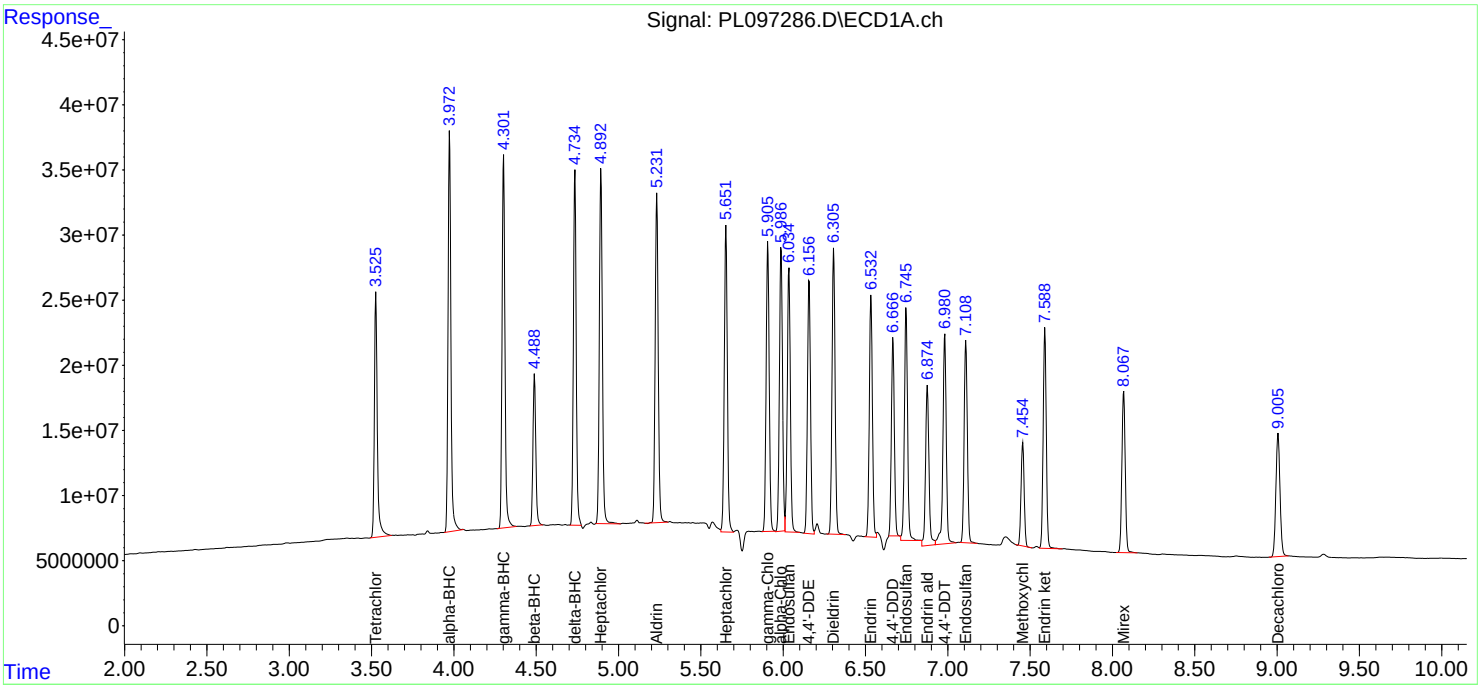
Instrument :
ECD_L
ClientSampleId :
ICVPL092025

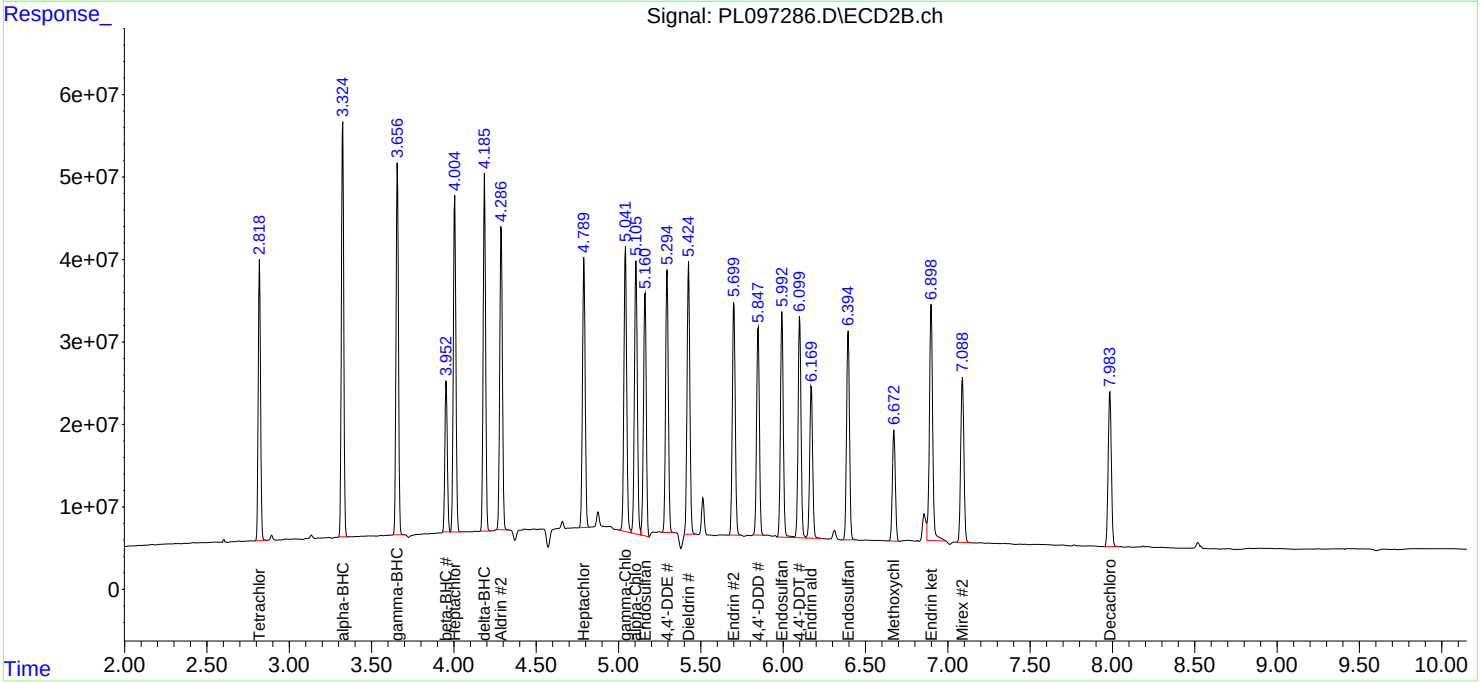
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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\PL092025\
Data File : PL097287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 08:52
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:12:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.526	2.822	199.7E6	365.8E6	44.121	55.633 #
28)	SA Decachlor...	9.001	7.983	139.6E6	237.0E6	42.668	41.636
	Target Compounds						
23)	Chlordane-1	4.679	3.831	111.7E6	129.9E6	527.132	511.091
24)	Chlordane-2	5.201	4.410	111.1E6	150.3E6	500.634m	511.589
25)	Chlordane-3	5.905	5.043	424.6E6	455.7E6	520.618m	509.555
26)	Chlordane-4	5.989	5.106	515.0E6	380.7E6	514.915m	499.841m
27)	Chlordane-5	6.826	6.001	87854088	149.8E6	524.084m	502.416

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 08:52
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

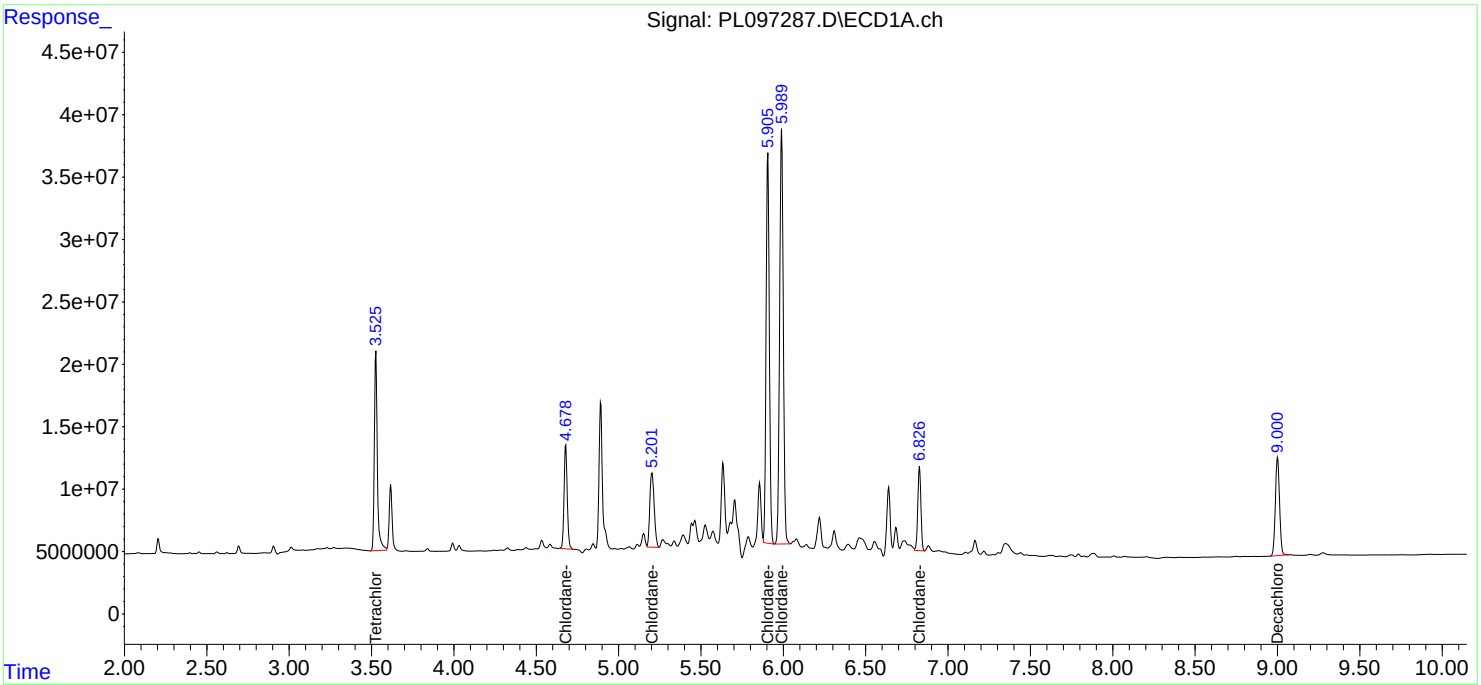
Instrument :
ECD_L
ClientSampleId :
ICVPL092025

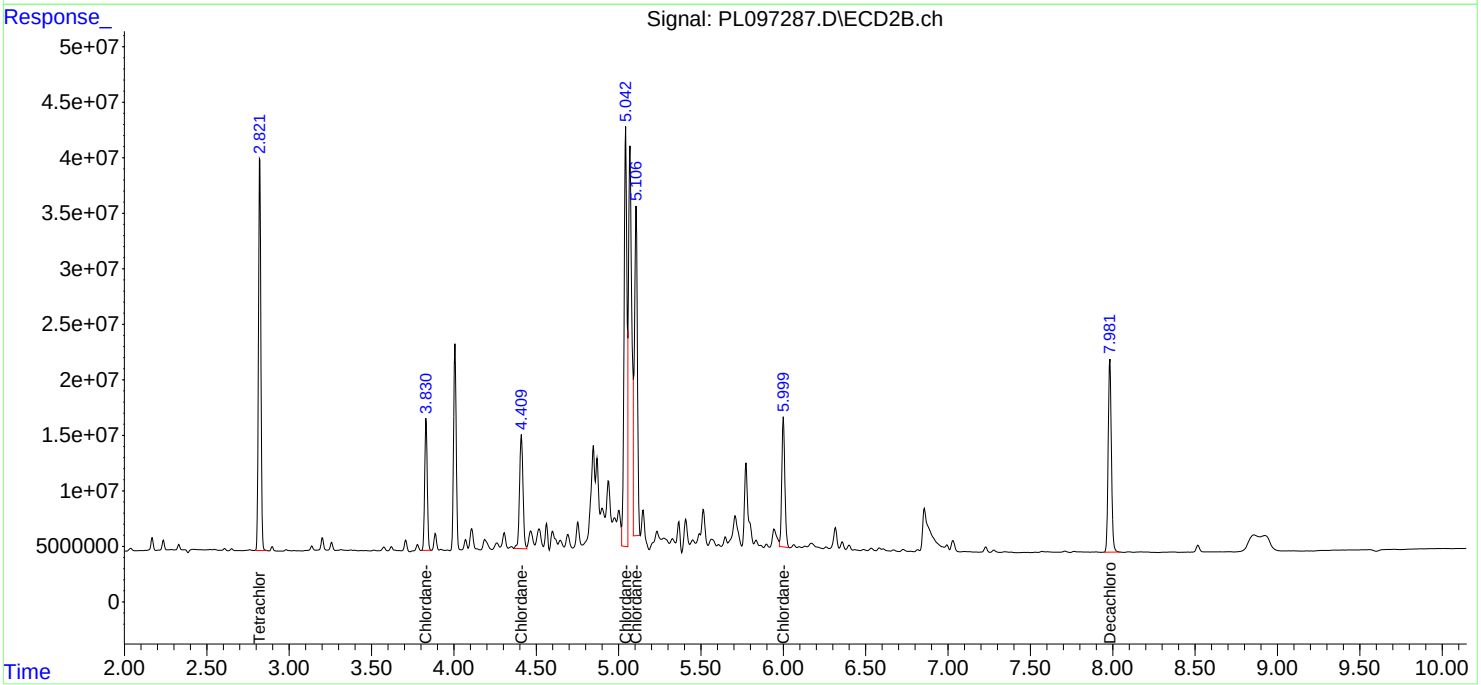
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:12:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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\PL092025\
Data File : PL097288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 09:25
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL092025

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 06:34:09 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...	3.527	2.822	206.8E6	305.4E6	49.043	49.125
7) SA	Decachlor...	9.004	7.985	146.0E6	259.8E6	48.901	47.512
	Target Compounds						
2)	Toxaphene-1	6.203	5.064	20584370	20730281	478.691	527.108m
3)	Toxaphene-2	6.602	5.752	15850196	25914739	475.278	475.930
4)	Toxaphene-3	7.016	6.033	66126700	27574610	472.119	485.585
5)	Toxaphene-4	7.106	6.667	50737974	89589604	488.063	520.666
6)	Toxaphene-5	7.885	7.107	34706442	51873806	481.757	482.163

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 09:25
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

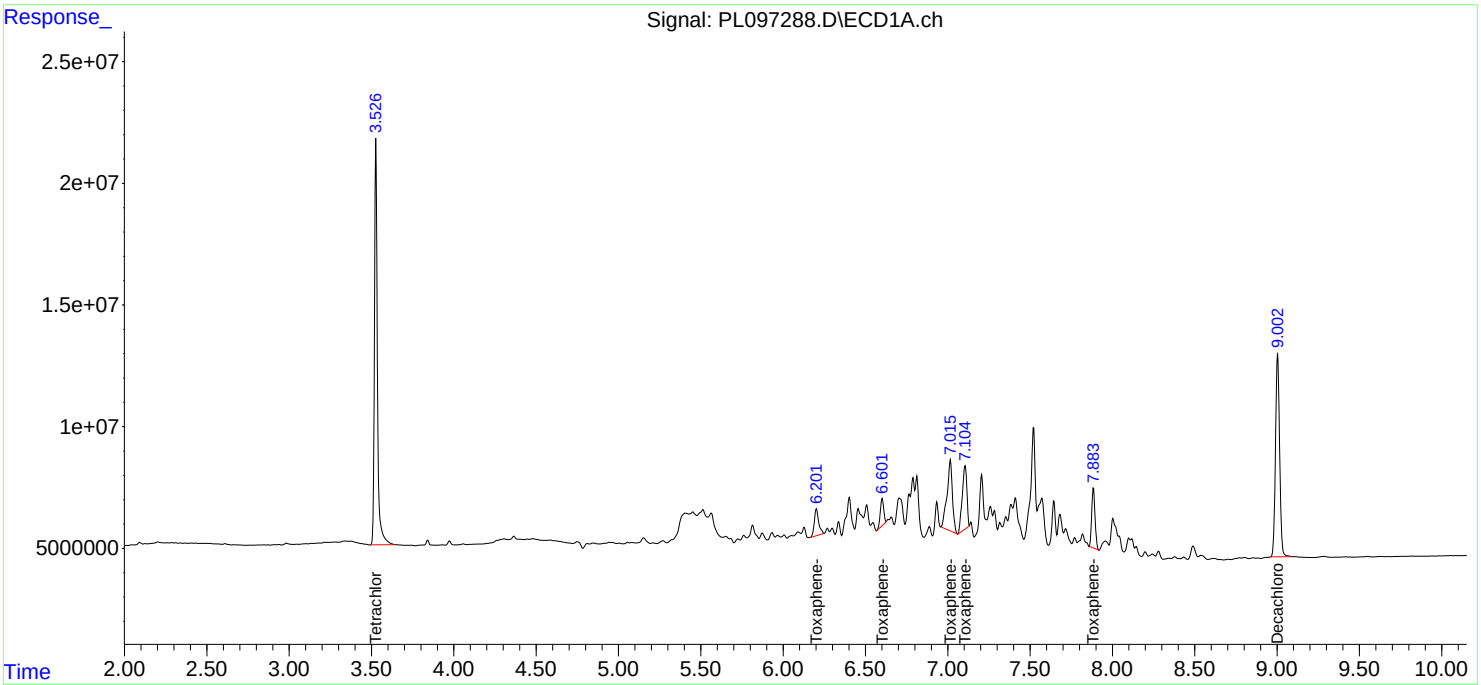
Instrument :
ECD_L
ClientSampleId :
ICVPL092025

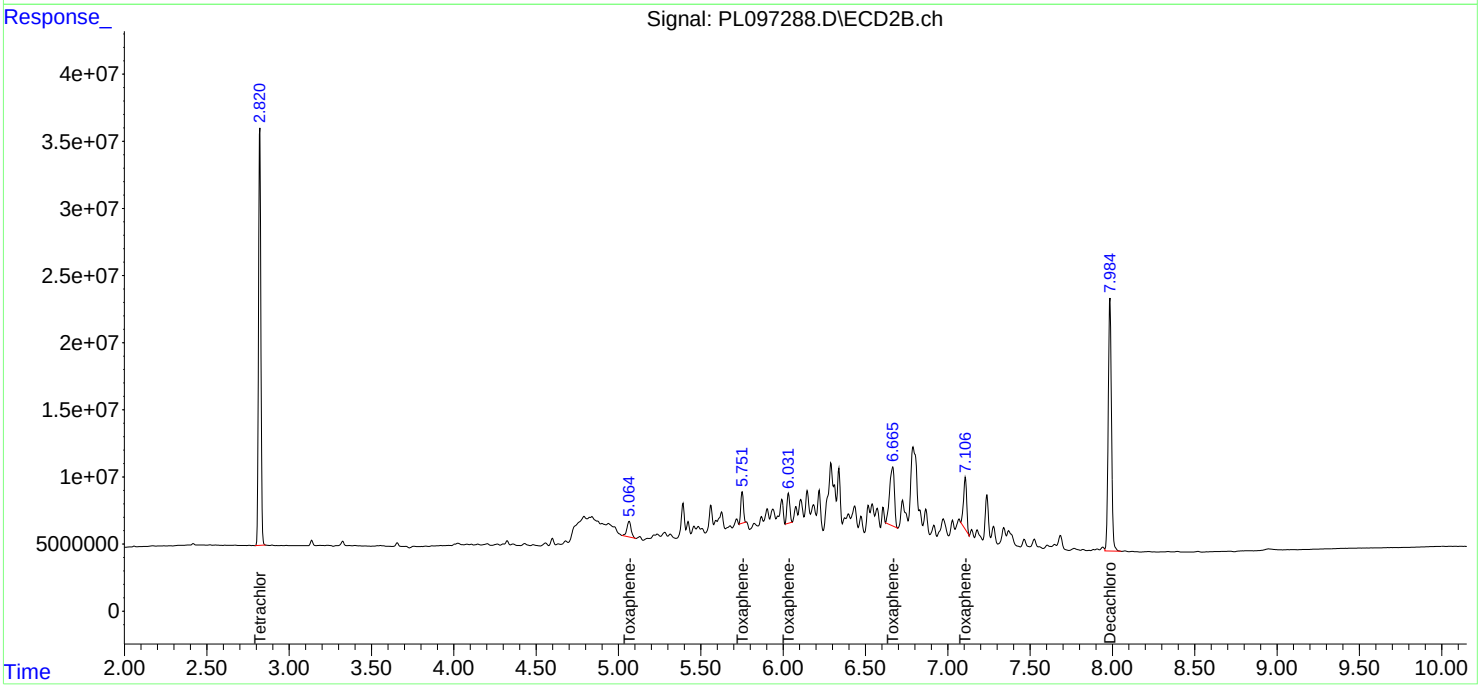
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 09:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 06:34:09 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





Raw Data: **PL097469.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Continuing Calib Date: 10/01/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 10:02 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.16	6.16	6.06	6.26	0.00
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.11	7.11	7.01	7.21	0.00
4,4'-DDT	6.98	6.98	6.88	7.08	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.59	7.59	7.49	7.69	0.00
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

Raw Data: **PL097469.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Continuing Calib Date: 10/01/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 10:02 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.43	5.33	5.53	0.01
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

Raw Data: **PL097469.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097469.D **Time Analyzed:** 10:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.663	6.566	6.766	55.030	50.000	10.1
4,4'-DDE	6.155	6.056	6.256	52.670	50.000	5.3
4,4'-DDT	6.978	6.880	7.080	51.120	50.000	2.2
Aldrin	5.230	5.132	5.332	49.480	50.000	-1.0
alpha-BHC	3.972	3.875	4.075	50.010	50.000	0.0
alpha-Chlordane	5.983	5.886	6.086	50.410	50.000	0.8
beta-BHC	4.488	4.390	4.590	49.380	50.000	-1.2
Decachlorobiphenyl	9.000	8.902	9.102	47.370	50.000	-5.3
delta-BHC	4.732	4.635	4.835	51.310	50.000	2.6
Dieldrin	6.304	6.206	6.406	51.740	50.000	3.5
Endosulfan I	6.030	5.934	6.134	50.370	50.000	0.7
Endosulfan II	6.743	6.646	6.846	47.750	50.000	-4.5
Endosulfan sulfate	7.107	7.007	7.207	52.870	50.000	5.7
Endrin	6.531	6.432	6.632	53.250	50.000	6.5
Endrin aldehyde	6.872	6.774	6.974	55.820	50.000	11.6
Endrin ketone	7.586	7.487	7.687	54.630	50.000	9.3
gamma-BHC (Lindane)	4.300	4.202	4.402	49.130	50.000	-1.7
gamma-Chlordane	5.903	5.806	6.006	51.340	50.000	2.7
Heptachlor	4.891	4.793	4.993	48.080	50.000	-3.8
Heptachlor epoxide	5.648	5.552	5.752	52.150	50.000	4.3
Methoxychlor	7.451	7.352	7.552	48.420	50.000	-3.2
Tetrachloro-m-xylene	3.526	3.428	3.628	45.630	50.000	-8.7

Raw Data: **PL097469.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097469.D **Time Analyzed:** 10:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.847	5.750	5.950	48.060	50.000	-3.9
4,4'-DDE	5.295	5.197	5.397	46.430	50.000	-7.1
4,4'-DDT	6.100	6.002	6.202	41.890	50.000	-16.2
Aldrin	4.288	4.191	4.391	47.560	50.000	-4.9
alpha-BHC	3.327	3.229	3.429	48.060	50.000	-3.9
alpha-Chlordane	5.106	5.009	5.209	46.580	50.000	-6.8
beta-BHC	3.955	3.857	4.057	44.490	50.000	-11.0
Decachlorobiphenyl	7.982	7.884	8.084	40.080	50.000	-19.8
delta-BHC	4.187	4.090	4.290	46.420	50.000	-7.2
Dieldrin	5.424	5.328	5.528	48.470	50.000	-3.1
Endosulfan I	5.161	5.064	5.264	43.050	50.000	-13.9
Endosulfan II	5.992	5.895	6.095	47.060	50.000	-5.9
Endosulfan sulfate	6.394	6.296	6.496	46.440	50.000	-7.1
Endrin	5.701	5.603	5.803	54.780	50.000	9.6
Endrin aldehyde	6.170	6.073	6.273	46.110	50.000	-7.8
Endrin ketone	6.898	6.800	7.000	52.710	50.000	5.4
gamma-BHC (Lindane)	3.659	3.561	3.761	47.190	50.000	-5.6
gamma-Chlordane	5.042	4.945	5.145	44.960	50.000	-10.1
Heptachlor	4.006	3.909	4.109	45.790	50.000	-8.4
Heptachlor epoxide	4.790	4.693	4.893	48.310	50.000	-3.4
Methoxychlor	6.672	6.574	6.774	41.340	50.000	-17.3
Tetrachloro-m-xylene	2.822	2.724	2.924	42.810	50.000	-14.4

Sample Results: **PL097469.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097469.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 10:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:02:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.526	2.822	206.6E6	281.5E6	45.627	42.806
28)	SA Decachlor...	9.000	7.982	155.0E6	228.1E6	47.368	40.082
	Target Compounds						
2)	A alpha-BHC	3.972	3.327	349.5E6	478.5E6	50.014	48.058
3)	MA gamma-BHC...	4.300	3.659	324.9E6	439.5E6	49.134	47.187
4)	MA Heptachlor	4.891	4.006	320.7E6	426.1E6	48.079	45.789
5)	MB Aldrin	5.230	4.288	313.4E6	412.8E6	49.482	47.559
6)	B beta-BHC	4.488	3.955	134.6E6	180.7E6	49.383	44.487
7)	B delta-BHC	4.732	4.187	311.4E6	426.7E6	51.309m	46.422
8)	B Heptachlo...	5.648	4.790	299.7E6	383.1E6	52.155m	48.306
9)	A Endosulfan I	6.030	5.161	261.0E6	330.8E6	50.369m	43.048
10)	B gamma-Chl...	5.903	5.042	290.2E6	392.6E6	51.337m	44.956
11)	B alpha-Chl...	5.983	5.106	286.3E6	386.6E6	50.409m	46.576
12)	B 4,4'-DDE	6.155	5.295	251.0E6	356.8E6	52.672	46.428
13)	MA Dieldrin	6.304	5.424	283.6E6	396.4E6	51.736	48.473m
14)	MA Endrin	6.531	5.701	245.7E6	411.4E6	53.251	54.781
15)	B Endosulfa...	6.743	5.992	234.9E6	334.6E6	47.751m	47.062
16)	A 4,4'-DDD	6.663	5.847	207.5E6	309.9E6	55.031m	48.060
17)	MA 4,4'-DDT	6.978	6.100	216.1E6	289.9E6	51.124	41.893
18)	B Endrin al...	6.872	6.170	172.1E6	246.1E6	55.822m	46.106
19)	B Endosulfa...	7.107	6.394	215.9E6	318.1E6	52.874	46.443
20)	A Methoxychlor	7.451	6.672	101.0E6	155.8E6	48.421	41.339
21)	B Endrin ke...	7.586	6.898	231.9E6	396.9E6	54.626	52.706
22)	Mirex	8.064	7.088	161.1E6	245.4E6	45.369	41.045

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

Sample Results: **PL097469.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097469.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 10:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

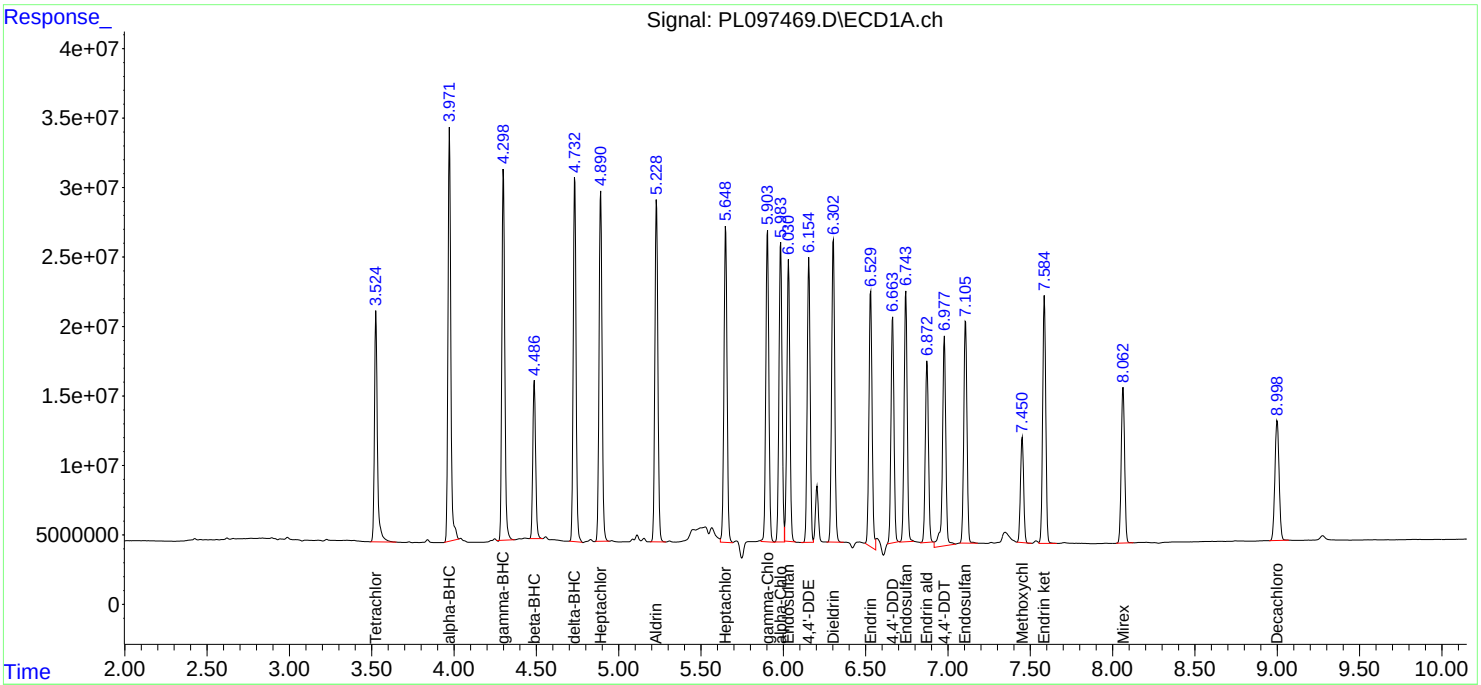
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

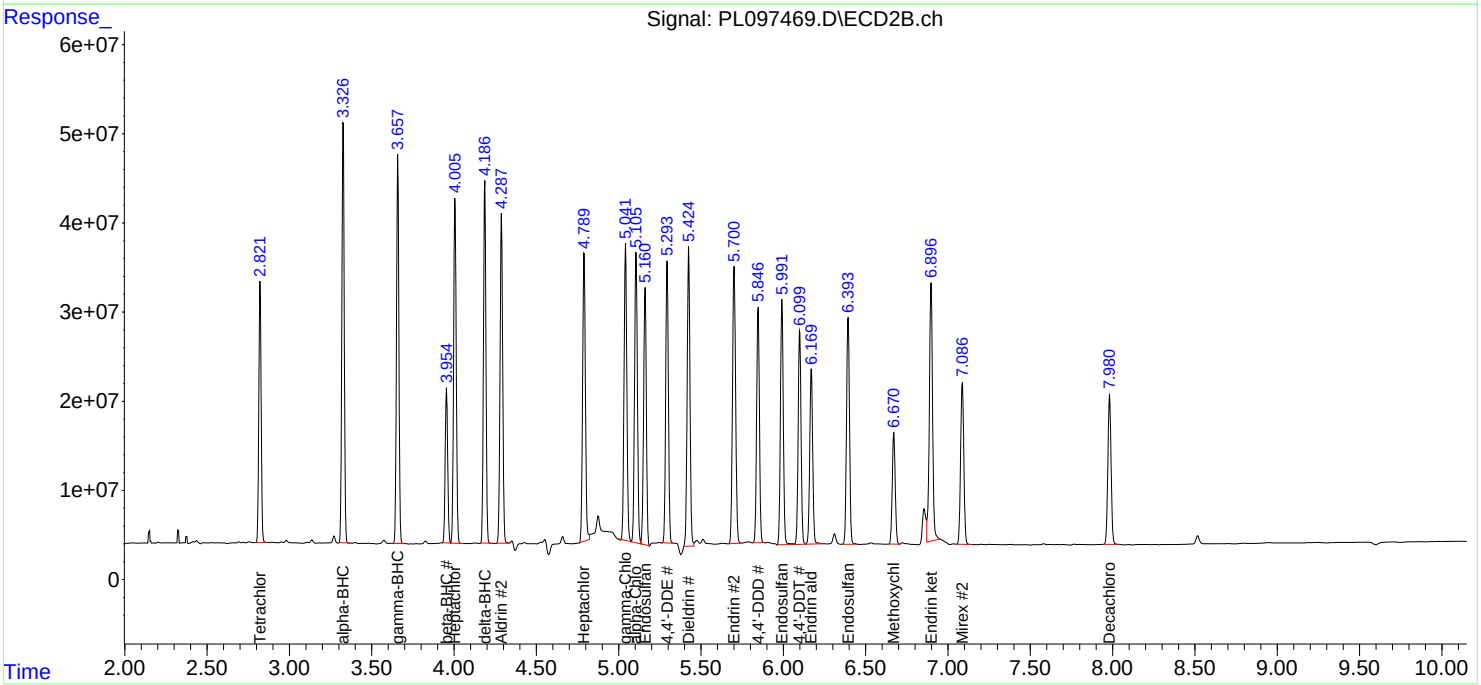
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:02:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





Raw Data: **PL097483.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Continuing Calib Date: 10/01/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 14:15 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.15	6.16	6.06	6.26	0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.11	7.11	7.01	7.21	0.00
4,4'-DDT	6.98	6.98	6.88	7.08	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.58	7.59	7.49	7.69	0.01
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

Raw Data: **PL097483.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Continuing Calib Date: 10/01/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 14:15 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.43	5.33	5.53	0.01
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

Raw Data: **PL097483.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097483.D **Time Analyzed:** 14:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.661	6.566	6.766	55.040	50.000	10.1
4,4'-DDE	6.154	6.056	6.256	51.600	50.000	3.2
4,4'-DDT	6.977	6.880	7.080	49.820	50.000	-0.4
Aldrin	5.229	5.132	5.332	48.150	50.000	-3.7
alpha-BHC	3.972	3.875	4.075	48.760	50.000	-2.5
alpha-Chlordane	5.982	5.886	6.086	49.200	50.000	-1.6
beta-BHC	4.488	4.390	4.590	48.120	50.000	-3.8
Decachlorobiphenyl	8.997	8.902	9.102	46.760	50.000	-6.5
delta-BHC	4.731	4.635	4.835	50.200	50.000	0.4
Dieldrin	6.303	6.206	6.406	50.610	50.000	1.2
Endosulfan I	6.029	5.934	6.134	49.200	50.000	-1.6
Endosulfan II	6.741	6.646	6.846	47.490	50.000	-5.0
Endosulfan sulfate	7.105	7.007	7.207	52.150	50.000	4.3
Endrin	6.528	6.432	6.632	49.640	50.000	-0.7
Endrin aldehyde	6.870	6.774	6.974	54.810	50.000	9.6
Endrin ketone	7.584	7.487	7.687	54.160	50.000	8.3
gamma-BHC (Lindane)	4.300	4.202	4.402	48.390	50.000	-3.2
gamma-Chlordane	5.902	5.806	6.006	49.640	50.000	-0.7
Heptachlor	4.891	4.793	4.993	46.590	50.000	-6.8
Heptachlor epoxide	5.647	5.552	5.752	50.220	50.000	0.4
Methoxychlor	7.449	7.352	7.552	47.170	50.000	-5.7
Tetrachloro-m-xylene	3.526	3.428	3.628	44.550	50.000	-10.9

Raw Data: **PL097483.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097483.D **Time Analyzed:** 14:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.847	5.750	5.950	48.610	50.000	-2.8
4,4'-DDE	5.295	5.197	5.397	46.240	50.000	-7.5
4,4'-DDT	6.099	6.002	6.202	41.600	50.000	-16.8
Aldrin	4.289	4.191	4.391	47.130	50.000	-5.7
alpha-BHC	3.328	3.229	3.429	47.710	50.000	-4.6
alpha-Chlordane	5.106	5.009	5.209	47.470	50.000	-5.1
beta-BHC	3.955	3.857	4.057	44.410	50.000	-11.2
Decachlorobiphenyl	7.981	7.884	8.084	40.920	50.000	-18.2
delta-BHC	4.188	4.090	4.290	46.200	50.000	-7.6
Dieldrin	5.424	5.328	5.528	48.070	50.000	-3.9
Endosulfan I	5.161	5.064	5.264	43.100	50.000	-13.8
Endosulfan II	5.992	5.895	6.095	47.140	50.000	-5.7
Endosulfan sulfate	6.393	6.296	6.496	47.010	50.000	-6.0
Endrin	5.701	5.603	5.803	54.990	50.000	10.0
Endrin aldehyde	6.170	6.073	6.273	46.140	50.000	-7.7
Endrin ketone	6.896	6.800	7.000	52.140	50.000	4.3
gamma-BHC (Lindane)	3.660	3.561	3.761	46.870	50.000	-6.3
gamma-Chlordane	5.041	4.945	5.145	45.380	50.000	-9.2
Heptachlor	4.007	3.909	4.109	45.440	50.000	-9.1
Heptachlor epoxide	4.791	4.693	4.893	47.300	50.000	-5.4
Methoxychlor	6.671	6.574	6.774	41.500	50.000	-17.0
Tetrachloro-m-xylene	2.824	2.724	2.924	42.270	50.000	-15.5

Sample Results: **PL097483.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 14:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.526	2.824	201.7E6	277.9E6	44.550	42.265
28)	SA Decachlor...	8.997	7.981	153.0E6	232.9E6	46.757	40.924
	Target Compounds						
2)	A alpha-BHC	3.972	3.328	340.7E6	475.1E6	48.756	47.713
3)	MA gamma-BHC...	4.300	3.660	320.0E6	436.6E6	48.395	46.868
4)	MA Heptachlor	4.891	4.007	310.7E6	422.8E6	46.587	45.437
5)	MB Aldrin	5.229	4.289	305.0E6	409.0E6	48.147	47.128
6)	B beta-BHC	4.488	3.955	131.2E6	180.4E6	48.115	44.408
7)	B delta-BHC	4.731	4.188	304.6E6	424.6E6	50.196m	46.196
8)	B Heptachlo...	5.647	4.791	288.6E6	375.2E6	50.216m	47.304
9)	A Endosulfan I	6.029	5.161	254.9E6	331.2E6	49.198m	43.103
10)	B gamma-Chl...	5.902	5.041	280.7E6	396.3E6	49.642m	45.375m
11)	B alpha-Chl...	5.982	5.106	279.5E6	394.1E6	49.204m	47.474
12)	B 4,4'-DDE	6.154	5.295	245.9E6	355.3E6	51.602	46.240
13)	MA Dieldrin	6.303	5.424	277.5E6	393.0E6	50.614	48.068m
14)	MA Endrin	6.528	5.701	229.0E6	413.0E6	49.638m	54.989
15)	B Endosulfa...	6.741	5.992	233.6E6	335.2E6	47.491m	47.144
16)	A 4,4'-DDD	6.661	5.847	207.5E6	313.5E6	55.037m	48.606
17)	MA 4,4'-DDT	6.977	6.099	210.6E6	287.9E6	49.821	41.600
18)	B Endrin al...	6.870	6.170	169.0E6	246.2E6	54.811m	46.135
19)	B Endosulfa...	7.105	6.393	212.9E6	322.0E6	52.152	47.010
20)	A Methoxychlor	7.449	6.671	98362222	156.4E6	47.168	41.501
21)	B Endrin ke...	7.584	6.896	229.9E6	392.6E6	54.157	52.140m
22)	Mirex	8.062	7.086	158.7E6	249.0E6	44.705	41.641

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

Sample Results: **PL097483.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 14:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

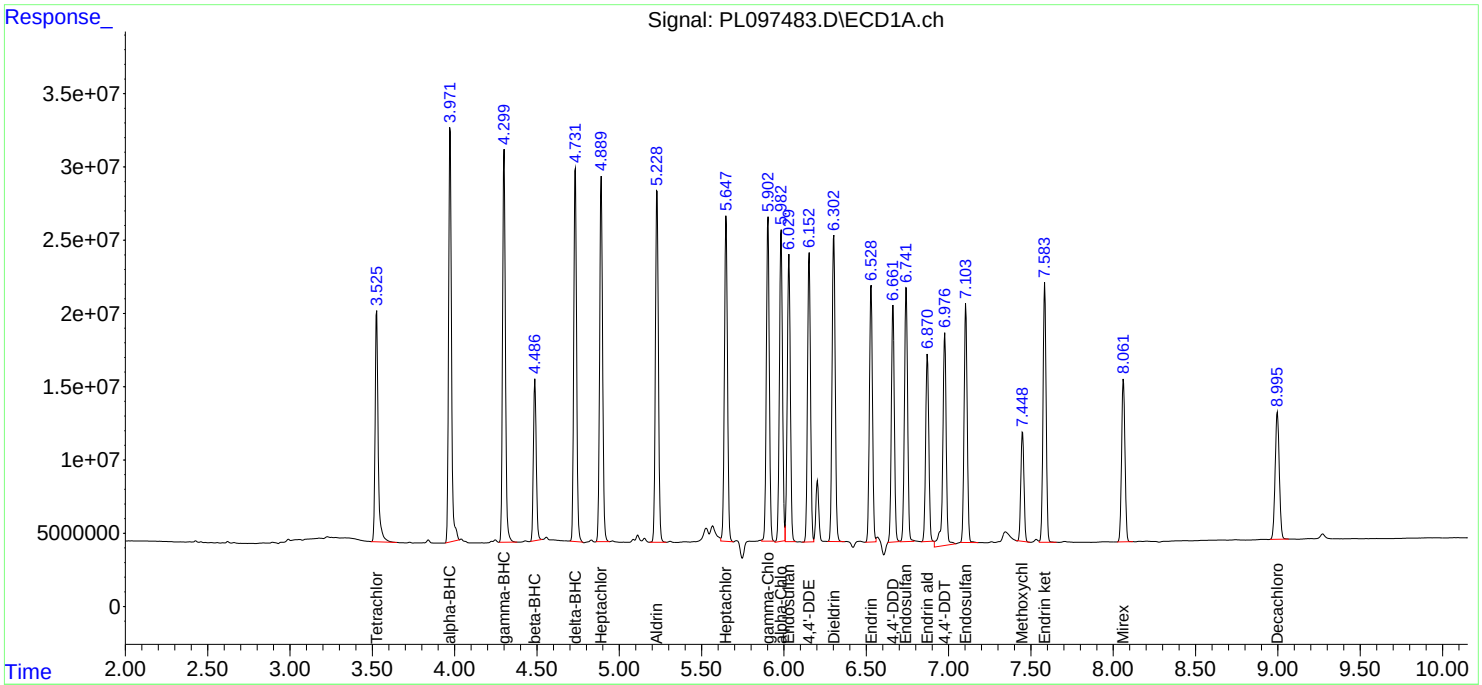
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

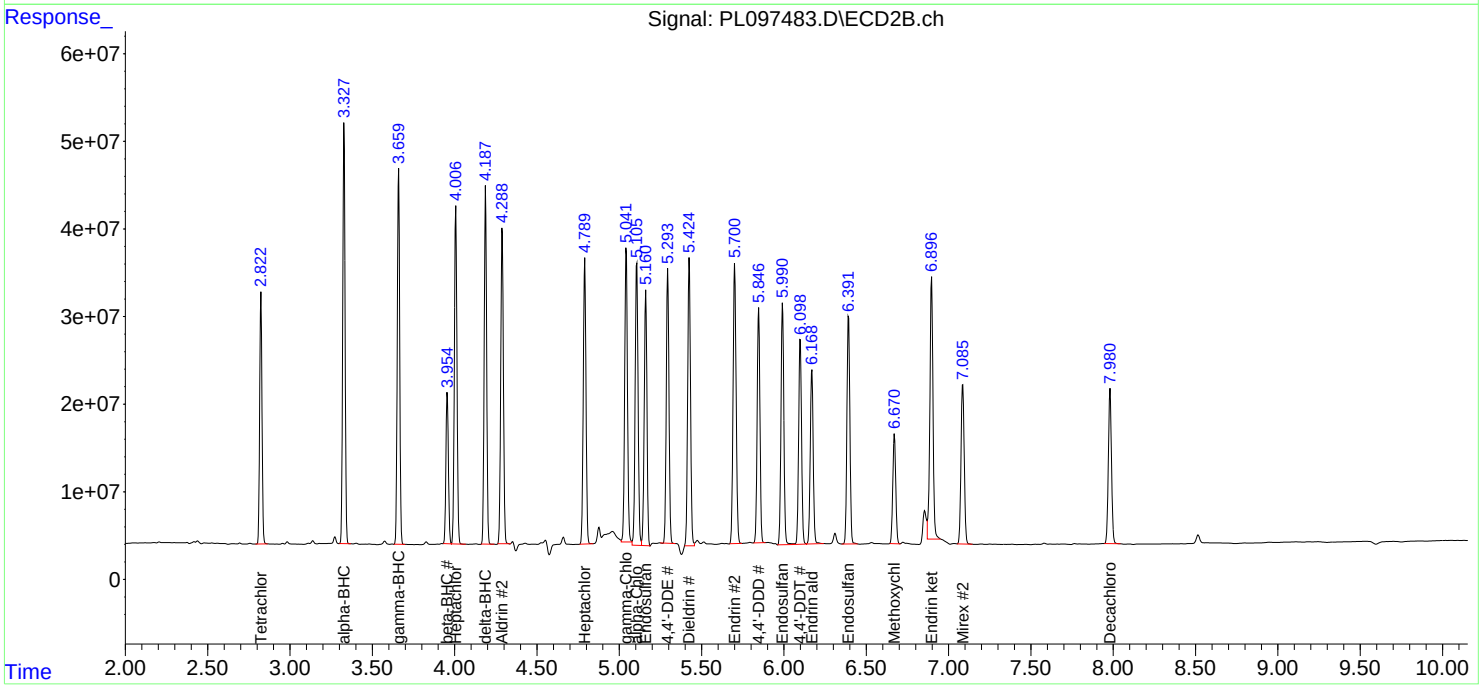
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





Raw Data: **PL097491.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Continuing Calib Date: 10/01/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 16:14 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.15	6.16	6.06	6.26	0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.11	7.11	7.01	7.21	0.00
4,4'-DDT	6.98	6.98	6.88	7.08	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.58	7.59	7.49	7.69	0.01
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

Raw Data: **PL097491.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Continuing Calib Date: 10/01/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 16:14 **Initial Calibration Time(s):** 17:06 18:00

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.43	5.33	5.53	0.01
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

Raw Data: **PL097491.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097491.D **Time Analyzed:** 16:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.661	6.566	6.766	54.360	50.000	8.7
4,4'-DDE	6.154	6.056	6.256	50.790	50.000	1.6
4,4'-DDT	6.976	6.880	7.080	49.220	50.000	-1.6
Aldrin	5.230	5.132	5.332	47.470	50.000	-5.1
alpha-BHC	3.972	3.875	4.075	48.280	50.000	-3.4
alpha-Chlordane	5.982	5.886	6.086	47.850	50.000	-4.3
beta-BHC	4.488	4.390	4.590	47.360	50.000	-5.3
Decachlorobiphenyl	8.996	8.902	9.102	46.270	50.000	-7.5
delta-BHC	4.731	4.635	4.835	49.690	50.000	-0.6
Dieldrin	6.302	6.206	6.406	49.830	50.000	-0.3
Endosulfan I	6.030	5.934	6.134	50.060	50.000	0.1
Endosulfan II	6.741	6.646	6.846	46.840	50.000	-6.3
Endosulfan sulfate	7.105	7.007	7.207	51.640	50.000	3.3
Endrin	6.529	6.432	6.632	50.880	50.000	1.8
Endrin aldehyde	6.870	6.774	6.974	54.330	50.000	8.7
Endrin ketone	7.583	7.487	7.687	53.420	50.000	6.8
gamma-BHC (Lindane)	4.300	4.202	4.402	47.860	50.000	-4.3
gamma-Chlordane	5.901	5.806	6.006	48.850	50.000	-2.3
Heptachlor	4.891	4.793	4.993	45.860	50.000	-8.3
Heptachlor epoxide	5.648	5.552	5.752	50.160	50.000	0.3
Methoxychlor	7.449	7.352	7.552	46.640	50.000	-6.7
Tetrachloro-m-xylene	3.526	3.428	3.628	44.150	50.000	-11.7

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097491.D **Time Analyzed:** 16:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.847	5.750	5.950	47.860	50.000	-4.3
4,4'-DDE	5.295	5.197	5.397	45.680	50.000	-8.6
4,4'-DDT	6.099	6.002	6.202	40.830	50.000	-18.3
Aldrin	4.289	4.191	4.391	46.770	50.000	-6.5
alpha-BHC	3.328	3.229	3.429	47.460	50.000	-5.1
alpha-Chlordane	5.106	5.009	5.209	47.100	50.000	-5.8
beta-BHC	3.955	3.857	4.057	44.020	50.000	-12.0
Decachlorobiphenyl	7.981	7.884	8.084	40.360	50.000	-19.3
delta-BHC	4.188	4.090	4.290	45.800	50.000	-8.4
Dieldrin	5.424	5.328	5.528	46.970	50.000	-6.1
Endosulfan I	5.161	5.064	5.264	42.690	50.000	-14.6
Endosulfan II	5.992	5.895	6.095	46.420	50.000	-7.2
Endosulfan sulfate	6.393	6.296	6.496	46.360	50.000	-7.3
Endrin	5.701	5.603	5.803	54.390	50.000	8.8
Endrin aldehyde	6.170	6.073	6.273	45.540	50.000	-8.9
Endrin ketone	6.897	6.800	7.000	53.200	50.000	6.4
gamma-BHC (Lindane)	3.659	3.561	3.761	46.530	50.000	-6.9
gamma-Chlordane	5.042	4.945	5.145	46.550	50.000	-6.9
Heptachlor	4.007	3.909	4.109	45.040	50.000	-9.9
Heptachlor epoxide	4.790	4.693	4.893	46.970	50.000	-6.1
Methoxychlor	6.671	6.574	6.774	40.990	50.000	-18.0
Tetrachloro-m-xylene	2.823	2.724	2.924	42.030	50.000	-15.9

Sample Results: **PL097491.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 16:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:04:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.526	2.823	199.9E6	276.4E6	44.153	42.031
28)	SA Decachlor...	8.996	7.981	151.4E6	229.7E6	46.271	40.359
	Target Compounds						
2)	A alpha-BHC	3.972	3.328	337.3E6	472.6E6	48.275	47.462
3)	MA gamma-BHC...	4.300	3.659	316.5E6	433.4E6	47.861	46.526
4)	MA Heptachlor	4.891	4.007	305.9E6	419.1E6	45.858	45.044
5)	MB Aldrin	5.230	4.289	300.7E6	405.9E6	47.472	46.767
6)	B beta-BHC	4.488	3.955	129.1E6	178.8E6	47.361	44.017
7)	B delta-BHC	4.731	4.188	301.5E6	421.0E6	49.692m	45.799
8)	B Heptachlo...	5.648	4.790	288.3E6	372.5E6	50.159m	46.966
9)	A Endosulfan I	6.030	5.161	259.4E6	328.0E6	50.057	42.692
10)	B gamma-Chl...	5.901	5.042	276.2E6	406.5E6	48.853m	46.545
11)	B alpha-Chl...	5.982	5.106	271.8E6	390.9E6	47.852m	47.098
12)	B 4,4'-DDE	6.154	5.295	242.0E6	351.0E6	50.789	45.678
13)	MA Dieldrin	6.302	5.424	273.2E6	384.1E6	49.828	46.972m
14)	MA Endrin	6.529	5.701	234.7E6	408.5E6	50.878	54.389
15)	B Endosulfa...	6.741	5.992	230.4E6	330.0E6	46.838m	46.424
16)	A 4,4'-DDD	6.661	5.847	205.0E6	308.7E6	54.363m	47.860
17)	MA 4,4'-DDT	6.976	6.099	208.1E6	282.6E6	49.222	40.833
18)	B Endrin al...	6.870	6.170	167.5E6	243.1E6	54.332m	45.537
19)	B Endosulfa...	7.105	6.393	210.8E6	317.6E6	51.641	46.361
20)	A Methoxychlor	7.449	6.671	97260895	154.5E6	46.639	40.986
21)	B Endrin ke...	7.583	6.897	226.7E6	400.6E6	53.417	53.202
22)	Mirex	8.061	7.086	156.7E6	246.1E6	44.143	41.161

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

Sample Results: **PL097491.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 16:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

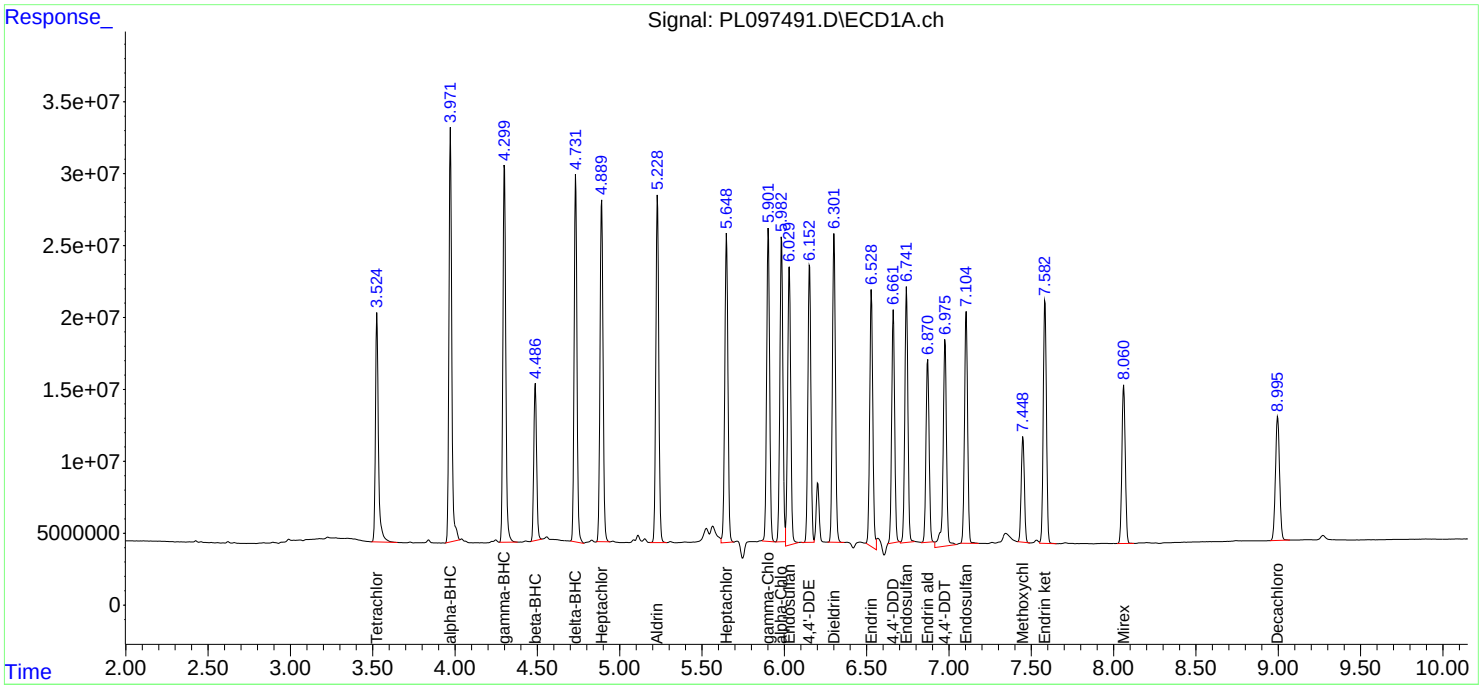
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

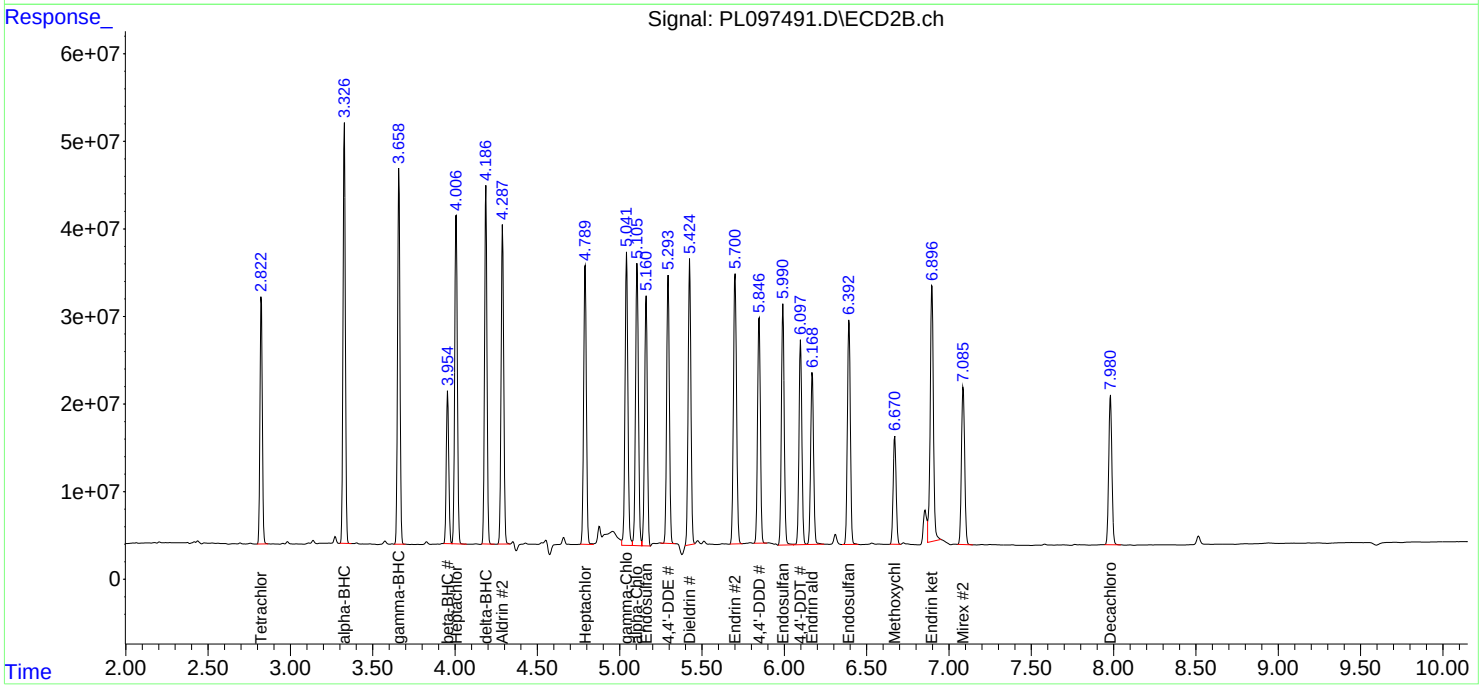
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:04:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





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Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097269.D **Date Analyzed:** 09/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 16:39

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.000	8.900	9.100	15.660	20.000	-21.7
Tetrachloro-m-xylene	3.527	3.480	3.580	14.770	20.000	-26.2
alpha-BHC	3.974	3.920	4.020	6.930	10.000	-30.7
beta-BHC	4.489	4.440	4.540	7.340	10.000	-26.6
gamma-BHC (Lindane)	4.302	4.250	4.350	7.210	10.000	-27.9
Endrin	6.532	6.460	6.600	37.780	50.000	-24.4
4,4'-DDT	6.979	6.910	7.050	73.290	100.000	-26.7
Methoxychlor	7.452	7.380	7.520	180.320	250.000	-27.9

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097269.D **Date Analyzed:** 09/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 16:39

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.984	7.880	8.080	15.470	20.000	-22.7
Tetrachloro-m-xylene	2.824	2.770	2.870	14.550	20.000	-27.3
alpha-BHC	3.329	3.280	3.380	6.890	10.000	-31.1
beta-BHC	3.957	3.910	4.010	7.490	10.000	-25.1
gamma-BHC (Lindane)	3.660	3.610	3.710	7.000	10.000	-30.0
Endrin	5.702	5.630	5.770	36.670	50.000	-26.7
4,4'-DDT	6.102	6.030	6.170	76.460	100.000	-23.5
Methoxychlor	6.674	6.600	6.740	166.760	250.000	-33.3

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 16:39
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:42:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.527	2.824	66867312	95692858	14.770	14.553
28)	SA Decachlor...	9.000	7.984	51238202	88066168	15.659	15.473
	Target Compounds						
2)	A alpha-BHC	3.974	3.329	48421315	68644926	6.930	6.894
3)	MA gamma-BHC...	4.302	3.660	47659315	65230882	7.207	7.003
6)	B beta-BHC	4.489	3.957	20012852	30421608	7.341	7.489
14)	MA Endrin	6.532	5.702	174.3E6	275.4E6	37.781	36.671
16)	A 4,4'-DDD	6.665	5.856	465298	1405401	0.123m	0.218m#
17)	MA 4,4'-DDT	6.979	6.102	309.8E6	529.1E6	73.292	76.458
18)	B Endrin al...	6.879	6.171	1009715	9847104	0.328m	1.845m#
20)	A Methoxychlor	7.452	6.674	376.0E6	628.6E6	180.319	166.763
21)	B Endrin ke...	7.586	6.896	1666712	2086500	0.393m	0.277m#

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

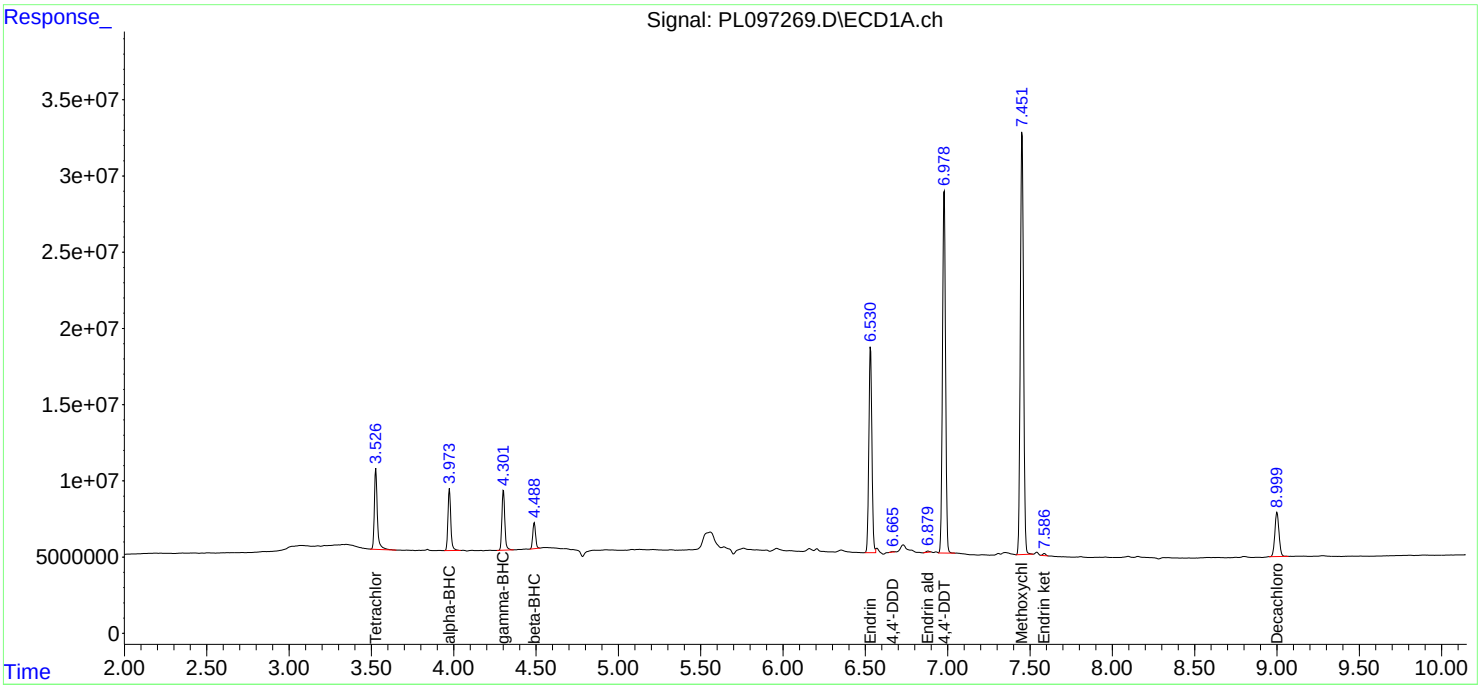
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 16:39
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

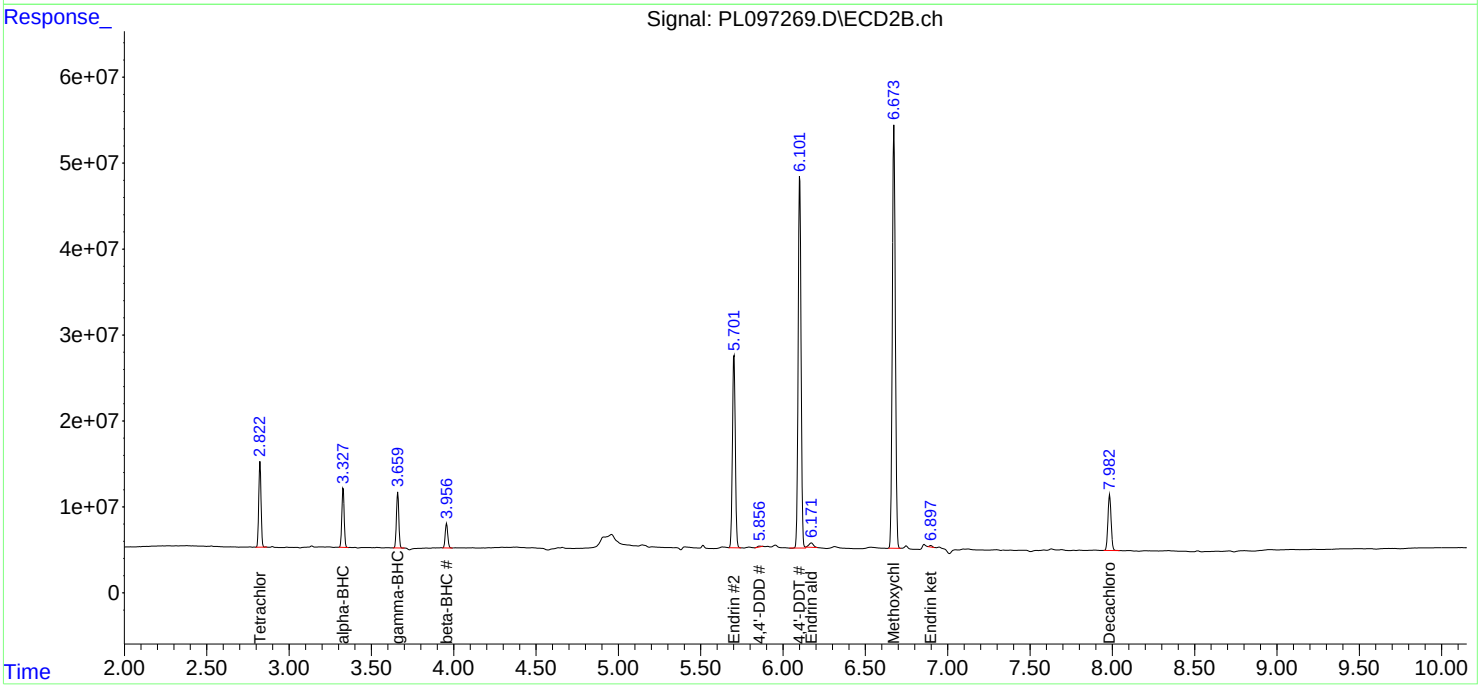
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:42:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





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Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097468.D **Date Analyzed:** 10/01/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:45

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.997	8.900	9.100	20.340	20.000	1.7
Tetrachloro-m-xylene	3.525	3.470	3.580	18.080	20.000	-9.6
alpha-BHC	3.972	3.920	4.020	8.300	10.000	-17.0
beta-BHC	4.487	4.440	4.540	9.070	10.000	-9.3
gamma-BHC (Lindane)	4.300	4.250	4.350	8.550	10.000	-14.5
Endrin	6.529	6.460	6.600	45.140	50.000	-9.7
4,4'-DDT	6.976	6.910	7.050	77.440	100.000	-22.6
Methoxychlor	7.449	7.380	7.520	191.110	250.000	-23.6

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097468.D **Date Analyzed:** 10/01/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:45

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.981	7.880	8.080	17.000	20.000	-15.0
Tetrachloro-m-xylene	2.822	2.770	2.870	16.820	20.000	-15.9
alpha-BHC	3.327	3.280	3.380	7.770	10.000	-22.3
beta-BHC	3.955	3.900	4.010	8.430	10.000	-15.7
gamma-BHC (Lindane)	3.659	3.610	3.710	7.840	10.000	-21.6
Endrin	5.700	5.630	5.770	42.000	50.000	-16.0
4,4'-DDT	6.099	6.030	6.170	70.940	100.000	-29.1
Methoxychlor	6.671	6.600	6.740	156.050	250.000	-37.6

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097468.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 09:45
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.525	2.822	81831204	110.6E6	18.076	16.815
28)	SA Decachlor...	8.997	7.981	66552927	96763924	20.339	17.001
	Target Compounds						
2)	A alpha-BHC	3.972	3.327	57995590	77372686	8.300	7.770
3)	MA gamma-BHC...	4.300	3.659	56549148	73041305	8.551	7.842
6)	B beta-BHC	4.487	3.955	24734118	34238405	9.073	8.429
12)	B 4,4'-DDE	6.151	5.293	1716921	1151873	0.360m	0.150m#
14)	MA Endrin	6.529	5.700	208.2E6	315.4E6	45.136	41.996
16)	A 4,4'-DDD	6.661	5.847	22562817	30597050	5.984m	4.744
17)	MA 4,4'-DDT	6.976	6.099	327.4E6	490.9E6	77.439	70.936
18)	B Endrin al...	6.872	6.170	2770687	4517063	0.899m	0.846m
20)	A Methoxychlor	7.449	6.671	398.5E6	588.2E6	191.109	156.045
21)	B Endrin ke...	7.584	6.896	8447796	14343979	1.990	1.905

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097468.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 09:45
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

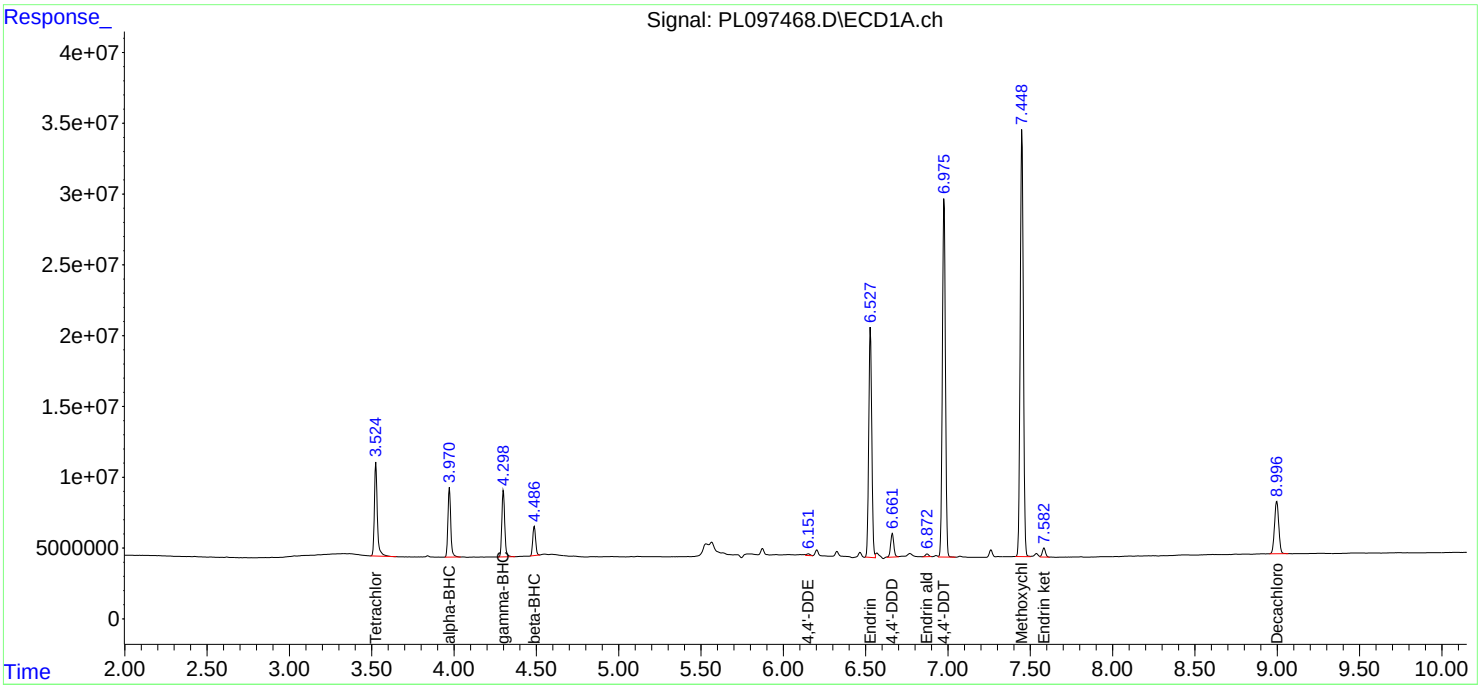
Instrument :
ECD_L
ClientSampleId :
PEM

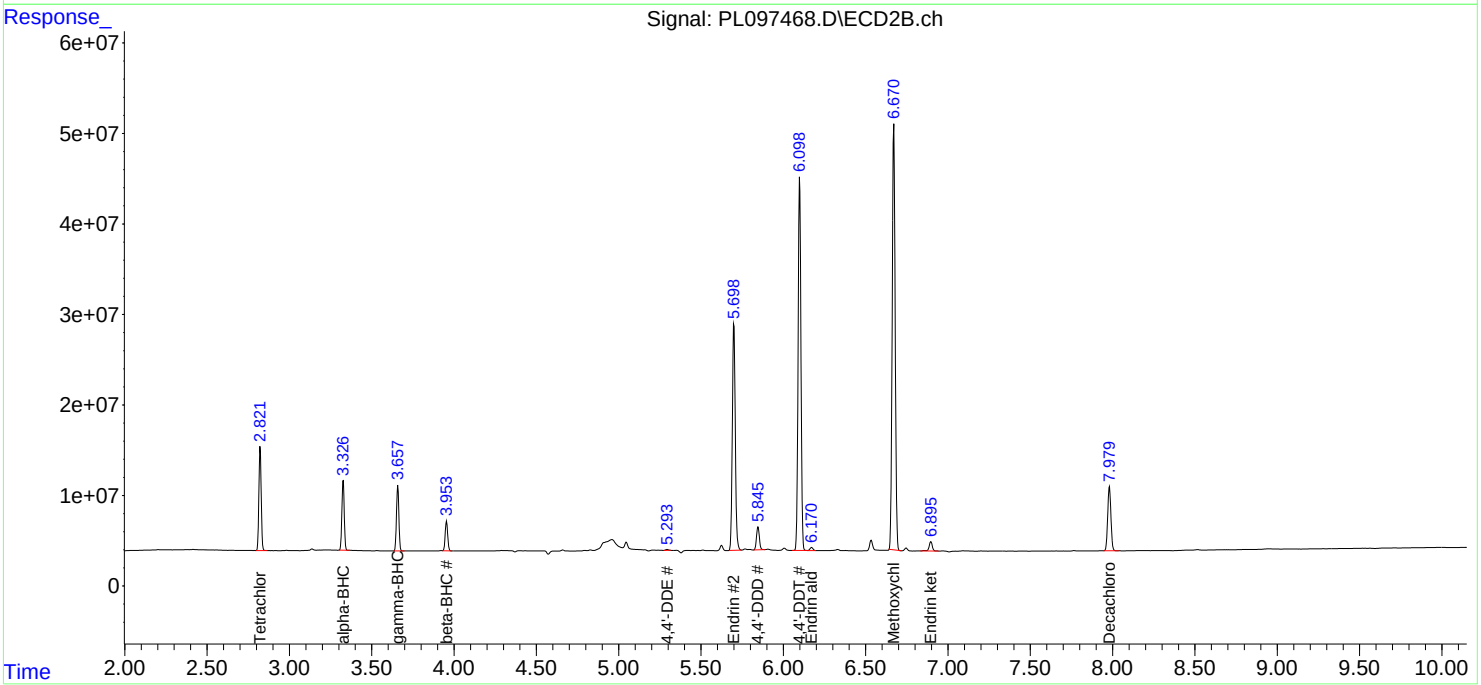
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





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

Analytical Sequence

Client: CDM Smith **SDG No.:** Q3257

Project: MWCO CJO WTP Edison 295110 **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 09/18/2025 09/18/2025

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	09/18/2025	16:25	PL097268.D	9.00	3.53
PEM	PEM	09/18/2025	16:39	PL097269.D	9.00	3.53
RESCHK	RESCHK	09/18/2025	16:52	PL097270.D	9.00	3.53
PSTDICC100	PSTDICC100	09/18/2025	17:06	PL097271.D	9.00	3.53
PSTDICC075	PSTDICC075	09/18/2025	17:19	PL097272.D	9.00	3.53
PSTDICC050	PSTDICC050	09/18/2025	17:33	PL097273.D	9.00	3.53
PSTDICC025	PSTDICC025	09/18/2025	17:47	PL097274.D	9.00	3.53
PSTDICC005	PSTDICC005	09/18/2025	18:00	PL097275.D	9.00	3.53
PCHLORICC500	PCHLORICC500	09/18/2025	18:41	PL097278.D	9.00	3.53
PTOXICC500	PTOXICC500	09/18/2025	19:49	PL097283.D	9.00	3.53
I.BLK	I.BLK	10/01/2025	09:31	PL097467.D	9.00	3.53
PEM	PEM	10/01/2025	09:45	PL097468.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/01/2025	10:02	PL097469.D	9.00	3.53
PB169933BL	PB169933BL	10/01/2025	13:34	PL097480.D	9.00	3.53
PB169933BS	PB169933BS	10/01/2025	13:48	PL097481.D	9.00	3.53
I.BLK	I.BLK	10/01/2025	14:02	PL097482.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/01/2025	14:15	PL097483.D	9.00	3.53
ENV1-6FT	Q3257-01	10/01/2025	15:06	PL097486.D	9.00	3.52
ENV2-6FT	Q3257-02	10/01/2025	15:20	PL097487.D	9.00	3.52
ENV2-6FTMS	Q3257-02MS	10/01/2025	15:33	PL097488.D	9.00	3.53
ENV2-6FTMSD	Q3257-02MSD	10/01/2025	15:47	PL097489.D	9.00	3.52
I.BLK	I.BLK	10/01/2025	16:00	PL097490.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/01/2025	16:14	PL097491.D	9.00	3.53

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Fax : 908 789 8922

Analytical Sequence

Client: CDM Smith **SDG No.:** Q3257

Project: MWCO CJO WTP Edison 295110 **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 09/18/2025 09/18/2025

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	09/18/2025	16:25	PL097268.D	7.98	2.82
PEM	PEM	09/18/2025	16:39	PL097269.D	7.98	2.82
RESCHK	RESCHK	09/18/2025	16:52	PL097270.D	7.98	2.82
PSTDICC100	PSTDICC100	09/18/2025	17:06	PL097271.D	7.98	2.82
PSTDICC075	PSTDICC075	09/18/2025	17:19	PL097272.D	7.99	2.82
PSTDICC050	PSTDICC050	09/18/2025	17:33	PL097273.D	7.98	2.82
PSTDICC025	PSTDICC025	09/18/2025	17:47	PL097274.D	7.98	2.82
PSTDICC005	PSTDICC005	09/18/2025	18:00	PL097275.D	7.98	2.82
PCHLORICC500	PCHLORICC500	09/18/2025	18:41	PL097278.D	7.98	2.82
PTOXICC500	PTOXICC500	09/18/2025	19:49	PL097283.D	7.99	2.82
I.BLK	I.BLK	10/01/2025	09:31	PL097467.D	7.98	2.82
PEM	PEM	10/01/2025	09:45	PL097468.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/01/2025	10:02	PL097469.D	7.98	2.82
PB169933BL	PB169933BL	10/01/2025	13:34	PL097480.D	7.98	2.82
PB169933BS	PB169933BS	10/01/2025	13:48	PL097481.D	7.98	2.82
I.BLK	I.BLK	10/01/2025	14:02	PL097482.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/01/2025	14:15	PL097483.D	7.98	2.82
ENV1-6FT	Q3257-01	10/01/2025	15:06	PL097486.D	7.98	2.82
ENV2-6FT	Q3257-02	10/01/2025	15:20	PL097487.D	7.98	2.82
ENV2-6FTMS	Q3257-02MS	10/01/2025	15:33	PL097488.D	7.98	2.82
ENV2-6FTMSD	Q3257-02MSD	10/01/2025	15:47	PL097489.D	7.98	2.82
I.BLK	I.BLK	10/01/2025	16:00	PL097490.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/01/2025	16:14	PL097491.D	7.98	2.82

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Lab Sample ID: Q3257-02MS **Date(s) Analyzed:** 10/01/2025 10/01/2025

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	6.74	6.69	6.79	13.4	3.8
	2	5.99	5.94	6.04	12.9	
4,4'-DDD	1	6.66	6.61	6.71	15.5	15.3
	2	5.85	5.80	5.90	13.3	
4,4'-DDT	1	6.98	6.93	7.03	11.8	13.6
	2	6.10	6.05	6.15	10.3	
Endrin aldehyde	1	6.87	6.82	6.92	14.0	23.1
	2	6.17	6.12	6.22	11.1	
Endosulfan sulfate	1	7.11	7.06	7.16	14.1	11.2
	2	6.39	6.34	6.44	12.6	
Methoxychlor	1	7.45	7.40	7.50	11.8	12.6
	2	6.67	6.62	6.72	10.4	
Endrin ketone	1	7.58	7.53	7.63	14.8	14.5
	2	6.90	6.85	6.95	12.8	
alpha-BHC	1	3.97	3.92	4.02	13.6	3.7
	2	3.33	3.28	3.38	13.1	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	13.4	3.8
	2	3.66	3.61	3.71	12.9	
Heptachlor	1	4.89	4.84	4.94	12.4	3.3
	2	4.01	3.96	4.06	12.0	
Aldrin	1	5.23	5.18	5.28	13.2	2.3
	2	4.29	4.24	4.34	12.9	
beta-BHC	1	4.49	4.44	4.54	13.8	7
	2	3.96	3.91	4.01	14.8	
delta-BHC	1	4.73	4.68	4.78	13.9	8.2
	2	4.19	4.14	4.24	12.8	
Heptachlor epoxide	1	5.65	5.60	5.70	14.2	8.1
	2	4.79	4.74	4.84	13.1	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Lab Sample ID: Q3257-02MS **Date(s) Analyzed:** 10/01/2025 10/01/2025

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 I	1	6.03	5.98	6.08	13.5	3.8
	2	5.16	5.11	5.21	13.0	
gamma-Chlordane	1	5.90	5.85	5.95	14.1	8.9
	2	5.04	4.99	5.09	12.9	
alpha-Chlordane	1	5.98	5.93	6.03	13.5	3
	2	5.11	5.06	5.16	13.1	
4,4'-DDE	1	6.15	6.10	6.20	14.3	9.5
	2	5.30	5.25	5.35	13.0	
Dieldrin	1	6.30	6.25	6.35	13.9	6.7
	2	5.43	5.38	5.48	13.0	
Endrin	1	6.53	6.48	6.58	13.1	5.5
	2	5.70	5.65	5.75	12.4	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMSD

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Lab Sample ID: Q3257-02MSD **Date(s) Analyzed:** 10/01/2025 10/01/2025

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	6.66	6.61	6.71	15.7	15.1
	2	5.85	5.80	5.90	13.5	
4,4'-DDT	1	6.98	6.93	7.03	11.6	12.8
	2	6.10	6.05	6.15	10.2	
Aldrin	1	5.23	5.18	5.28	13.4	3
	2	4.29	4.24	4.34	13.0	
4,4'-DDE	1	6.15	6.10	6.20	14.5	10.1
	2	5.29	5.24	5.34	13.1	
Endosulfan II	1	6.74	6.69	6.79	13.6	4.5
	2	5.99	5.94	6.04	13.0	
Endrin aldehyde	1	6.87	6.82	6.92	13.2	22.8
	2	6.17	6.12	6.22	10.5	
Endosulfan sulfate	1	7.11	7.06	7.16	14.1	11.2
	2	6.39	6.34	6.44	12.6	
Methoxychlor	1	7.45	7.40	7.50	11.7	13.7
	2	6.67	6.62	6.72	10.2	
Endrin ketone	1	7.58	7.53	7.63	14.9	14.4
	2	6.90	6.85	6.95	12.9	
alpha-BHC	1	3.97	3.92	4.02	13.7	3.7
	2	3.33	3.28	3.38	13.2	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	13.4	3
	2	3.66	3.61	3.71	13.0	
Heptachlor	1	4.89	4.84	4.94	12.5	4.1
	2	4.01	3.96	4.06	12.0	
beta-BHC	1	4.49	4.44	4.54	13.9	6.3
	2	3.96	3.91	4.01	14.8	
delta-BHC	1	4.73	4.68	4.78	13.8	7.5
	2	4.19	4.14	4.24	12.8	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMSD

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Lab Sample ID: Q3257-02MSD **Date(s) Analyzed:** 10/01/2025 10/01/2025

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
Heptachlor epoxide	1	5.65	5.60	5.70	14.3	8
	2	4.79	4.74	4.84	13.2	
Endosulfan I	1	6.03	5.98	6.08	13.7	5.2
	2	5.16	5.11	5.21	13.0	
gamma-Chlordane	1	5.90	5.85	5.95	14.3	8.8
	2	5.04	4.99	5.09	13.1	
alpha-Chlordane	1	5.98	5.93	6.03	13.6	3
	2	5.11	5.06	5.16	13.2	
Dieldrin	1	6.30	6.25	6.35	14.0	6.6
	2	5.43	5.38	5.48	13.1	
Endrin	1	6.53	6.48	6.58	13.2	7.1
	2	5.70	5.65	5.75	12.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169933BS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Lab Sample ID: PB169933BS **Date(s) Analyzed:** 10/01/2025 10/01/2025

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	6.66	6.61	6.71	17.0	13.8
	2	5.85	5.80	5.90	14.8	
4,4'-DDT	1	6.98	6.93	7.03	14.6	13.1
	2	6.10	6.05	6.15	12.8	
alpha-BHC	1	3.97	3.92	4.02	15.0	2
	2	3.33	3.28	3.38	14.7	
Aldrin	1	5.23	5.18	5.28	14.7	0.7
	2	4.29	4.24	4.34	14.6	
beta-BHC	1	4.49	4.44	4.54	15.0	7.6
	2	3.96	3.91	4.01	13.9	
alpha-Chlordane	1	5.98	5.93	6.03	15.3	6.1
	2	5.11	5.06	5.16	14.4	
4,4'-DDE	1	6.15	6.10	6.20	15.9	9.2
	2	5.29	5.24	5.34	14.5	
Endosulfan II	1	6.74	6.69	6.79	14.5	0.7
	2	5.99	5.94	6.04	14.4	
Endrin aldehyde	1	6.87	6.82	6.92	17.3	17.6
	2	6.17	6.12	6.22	14.5	
Endosulfan sulfate	1	7.11	7.06	7.16	16.1	9.8
	2	6.39	6.34	6.44	14.6	
Methoxychlor	1	7.45	7.40	7.50	14.5	12.5
	2	6.67	6.62	6.72	12.8	
Endrin ketone	1	7.58	7.53	7.63	16.7	3.7
	2	6.90	6.85	6.95	16.1	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	14.8	1.4
	2	3.66	3.61	3.71	14.6	
Heptachlor	1	4.89	4.84	4.94	14.4	1.4
	2	4.01	3.96	4.06	14.2	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169933BS

Lab Name: Alliance **Contract:** CAMP02

Lab Code: ACE **SDG NO.:** Q3257

Lab Sample ID: PB169933BS **Date(s) Analyzed:** 10/01/2025 10/01/2025

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
delta-BHC	1	4.73	4.68	4.78	15.6	7.3
	2	4.19	4.14	4.24	14.5	
Heptachlor epoxide	1	5.65	5.60	5.70	15.3	4
	2	4.79	4.74	4.84	14.7	
Endosulfan I	1	6.03	5.98	6.08	15.4	11
	2	5.16	5.11	5.21	13.8	
gamma-Chlordane	1	5.90	5.85	5.95	15.2	6.1
	2	5.04	4.99	5.09	14.3	
Dieldrin	1	6.30	6.25	6.35	15.3	2
	2	5.43	5.38	5.48	15.0	
Endrin	1	6.53	6.48	6.58	15.4	3.8
	2	5.70	5.65	5.75	16.0	

QC SAMPLE DATA

Raw Data: **PL097480.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169933BL	SDG No.:	Q3257
Lab Sample ID:	PB169933BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097480.D	1	10/01/25 09:36	10/01/25 13:34	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.13	U	0.13	1.70	ug/kg
319-85-7	beta-BHC	0.18	U	0.18	1.70	ug/kg
319-86-8	delta-BHC	0.39	U	0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.14	U	0.14	1.70	ug/kg
76-44-8	Heptachlor	0.12	U	0.12	1.70	ug/kg
309-00-2	Aldrin	0.12	U	0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1.70	ug/kg
959-98-8	Endosulfan I	0.14	U	0.14	1.70	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.70	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.70	ug/kg
72-20-8	Endrin	0.14	U	0.14	1.70	ug/kg
33213-65-9	Endosulfan II	0.29	U	0.29	1.70	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.70	ug/kg
72-43-5	Methoxychlor	0.37	U	0.37	1.70	ug/kg
53494-70-5	Endrin ketone	0.19	U	0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.37	U	0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.12	U	0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.8		20 - 144	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.2		19 - 148	101%	SPK: 20

Raw Data: **PL097480.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169933BL	SDG No.:	Q3257
Lab Sample ID:	PB169933BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097480.D	1	10/01/25 09:36	10/01/25 13:34	PB169933

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: **PL097480.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 13:34
Operator : AR\AJ
Sample : PB169933BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB169933BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:02:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.525	2.823	91499752	130.0E6	20.211	19.769
28)	SA Decachlor...	8.996	7.980	74507770	113.6E6	22.770	19.959
	Target Compounds						

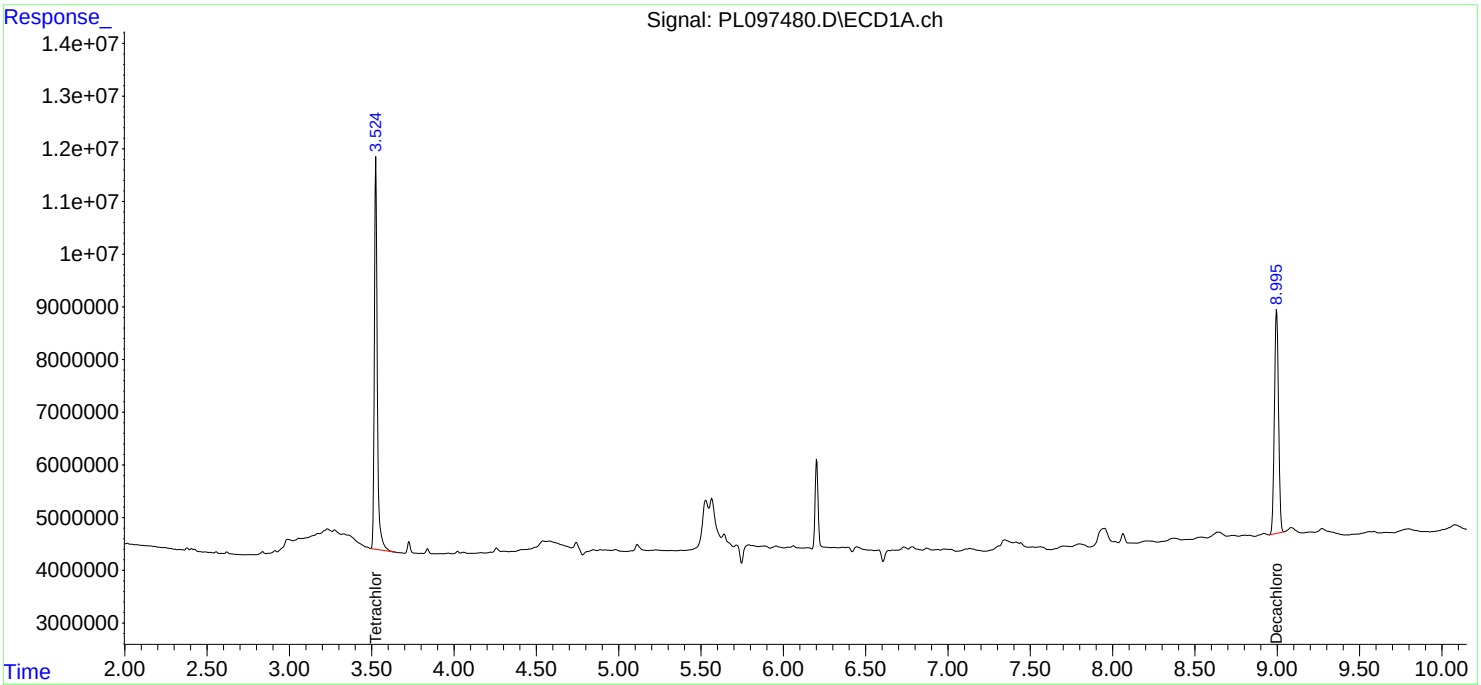
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

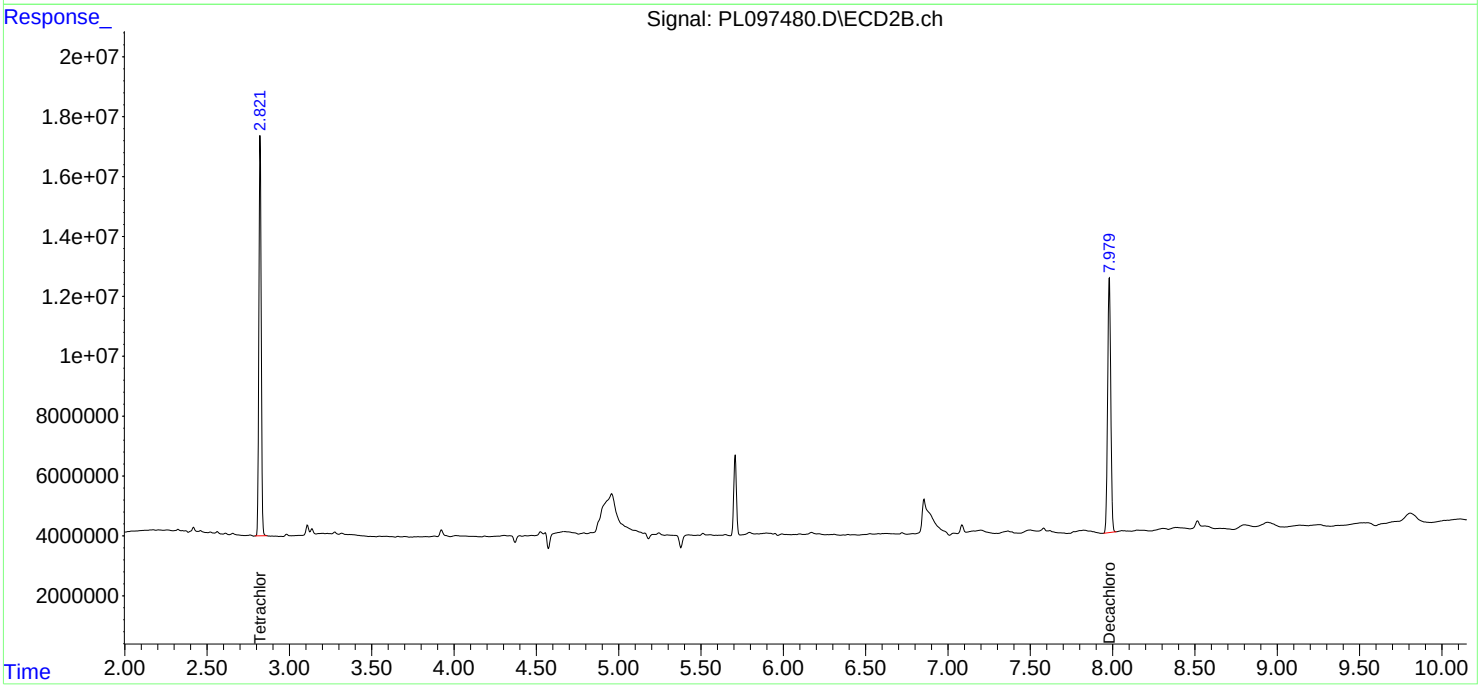
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 13:34
Operator : AR\AJ
Sample : PB169933BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

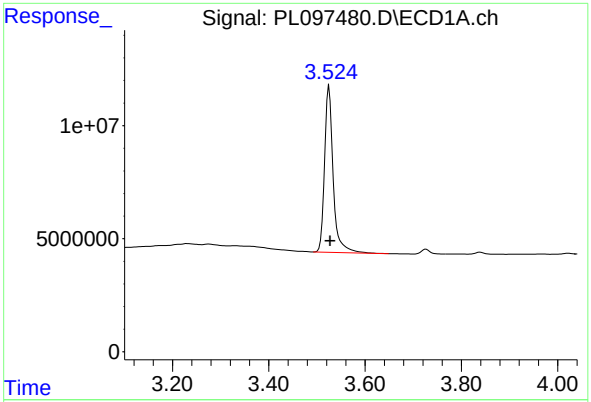
Instrument :
ECD_L
ClientSampleId :
PB169933BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:02:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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



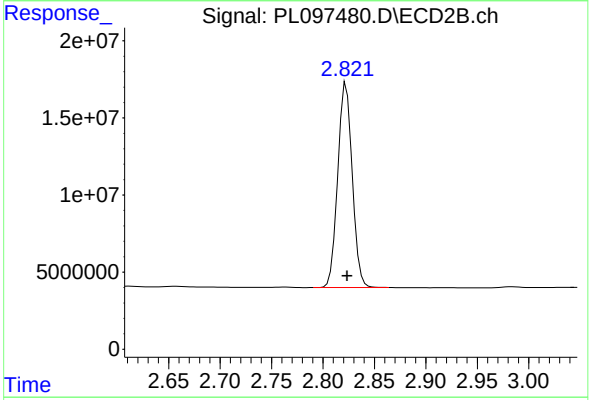




#1 Tetrachloro-m-xylene

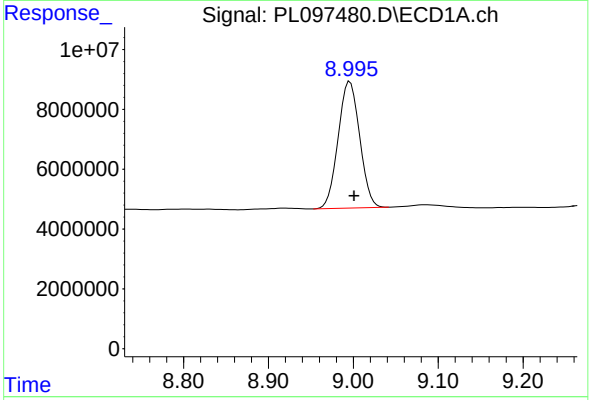
R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 91499752
Conc: 20.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169933BL



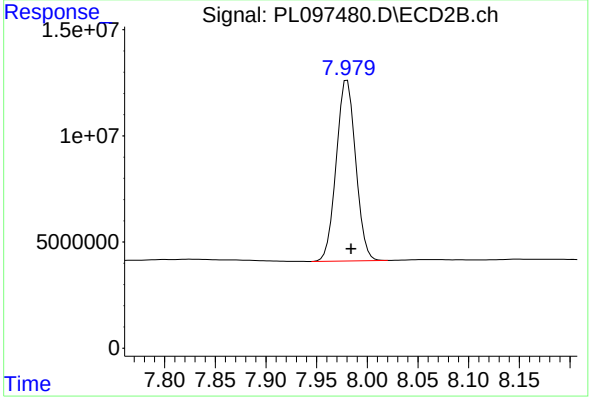
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 129995028
Conc: 19.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: -0.005 min
Response: 74507770
Conc: 22.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 113596552
Conc: 19.96 ng/ml

Raw Data: **PL097268.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/18/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/18/25
Client Sample ID:	PIBLK-PL097268.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097268.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097268.D	1		09/18/25	PL092025

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
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		57 - 171	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.0		61 - 148	80%	SPK: 20

Raw Data: **PL097268.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/18/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/18/25
Client Sample ID:	PIBLK-PL097268.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097268.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097268.D	1		09/18/25	PL092025

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\PL092025\
Data File : PL097268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 16:25
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: Sep 19 05:42:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.527	2.824	70468568	105.0E6	15.566	15.973
28)	SA Decachlor...	9.001	7.984	56635933	97364753	17.308	17.107
	Target Compounds						

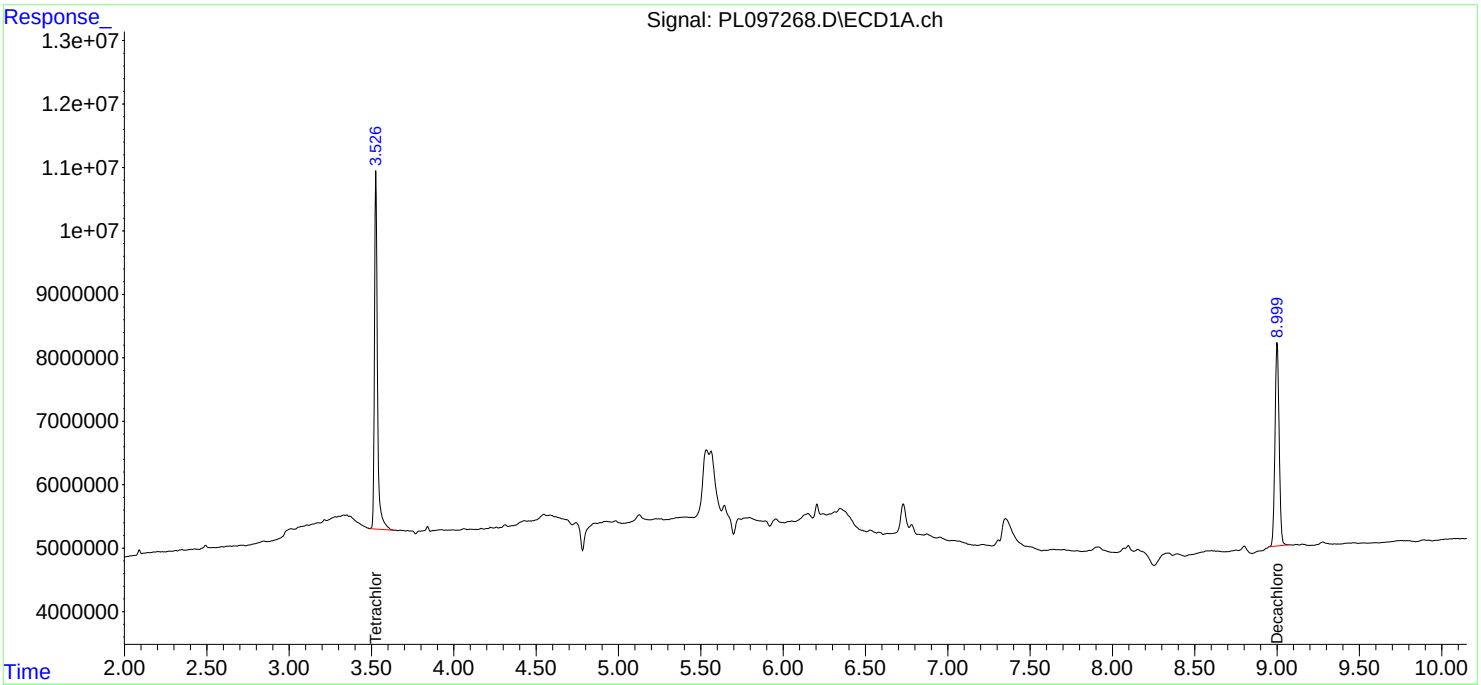
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

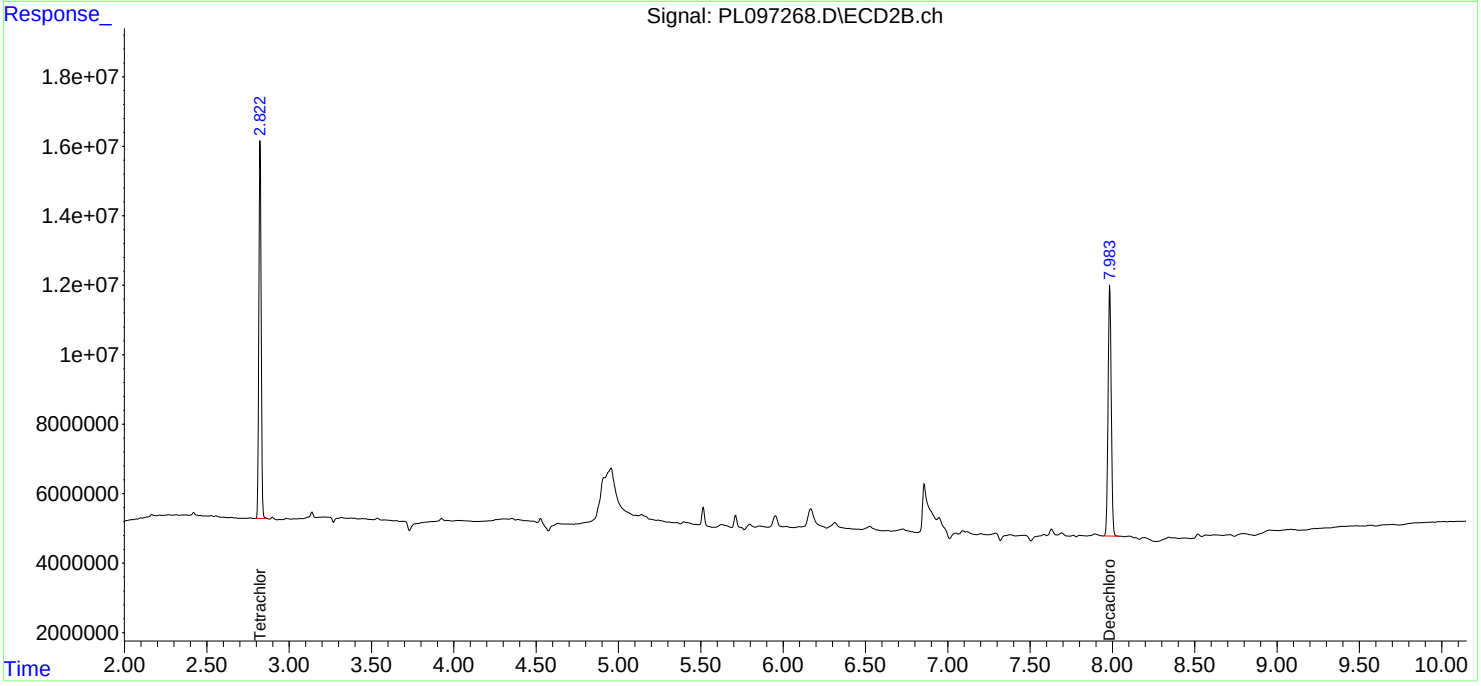
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092025\
Data File : PL097268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 16:25
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

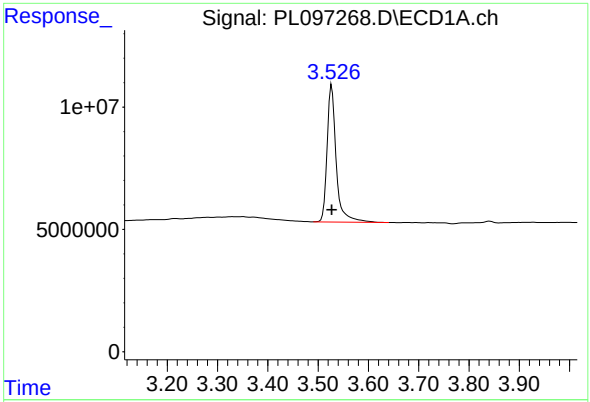
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:42:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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



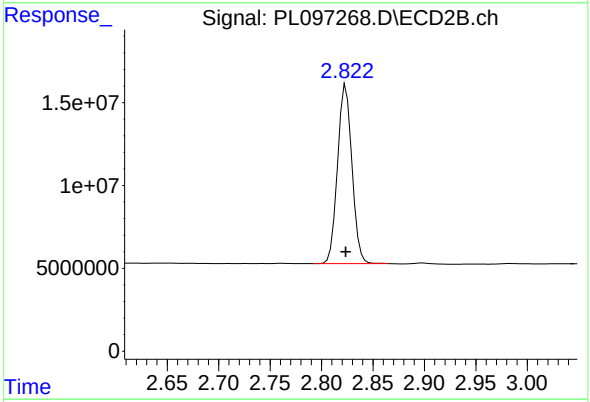




#1 Tetrachloro-m-xylene

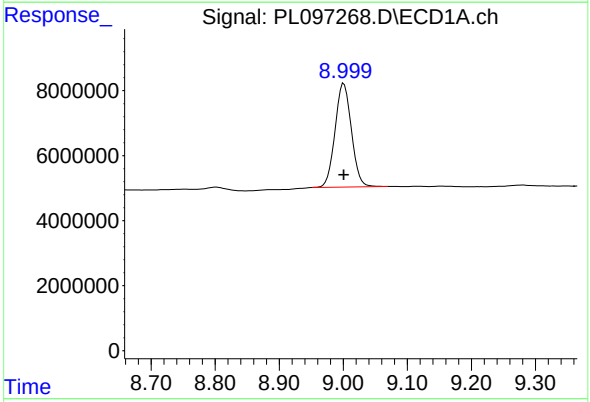
R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 70468568
Conc: 15.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



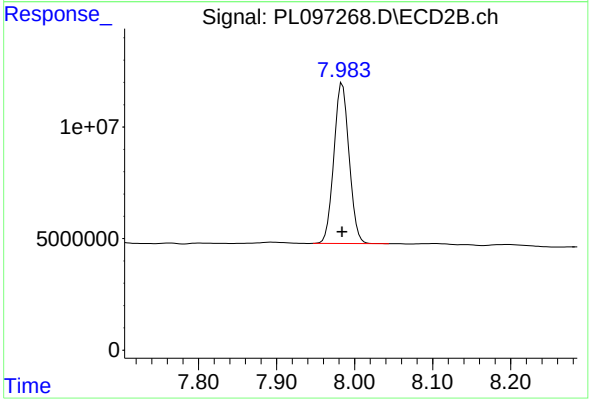
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 105031523
Conc: 15.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: 0.000 min
Response: 56635933
Conc: 17.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 97364753
Conc: 17.11 ng/ml

Raw Data: **PL097467.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097467.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097467.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097467.D	1		10/01/25	Pl100125

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
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.8		57 - 171	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.9		61 - 148	109%	SPK: 20

Raw Data: **PL097467.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097467.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097467.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097467.D	1		10/01/25	Pl100125

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\PL100125\
Data File : PL097467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 09:31
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: Oct 03 04:02:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.525	2.823	99037519	132.9E6	21.876	20.218
28)	SA Decachlor...	8.998	7.981	81188884	115.6E6	24.812	20.316
	Target Compounds						

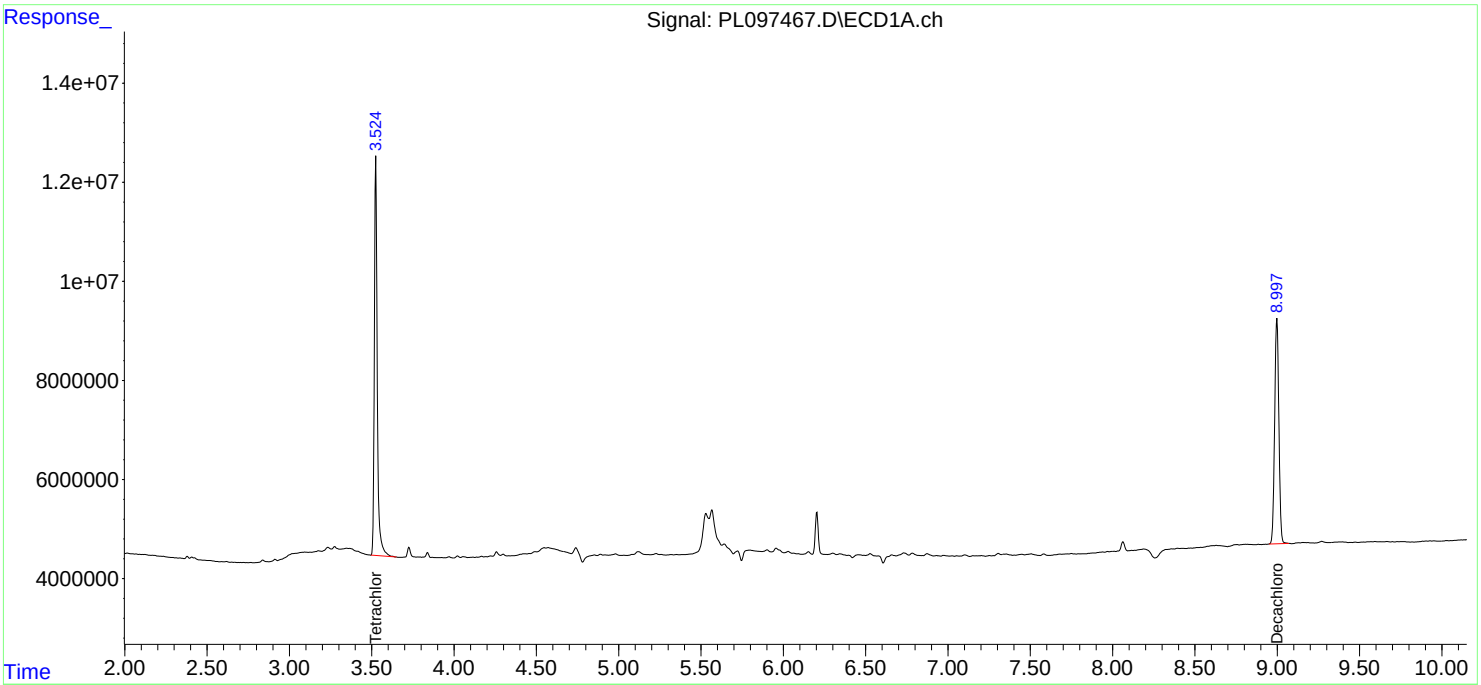
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

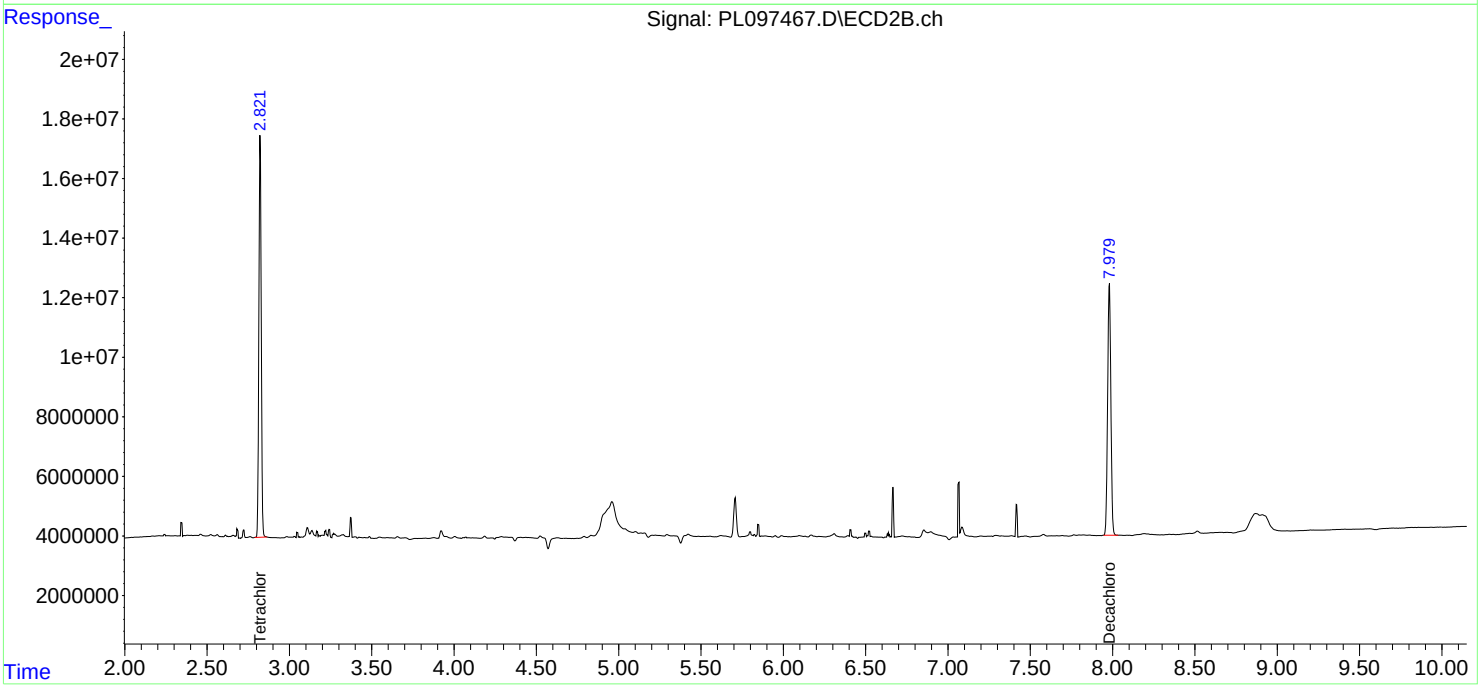
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 09:31
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

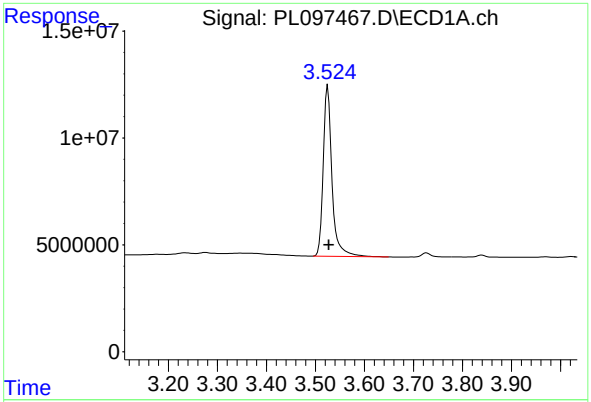
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:02:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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



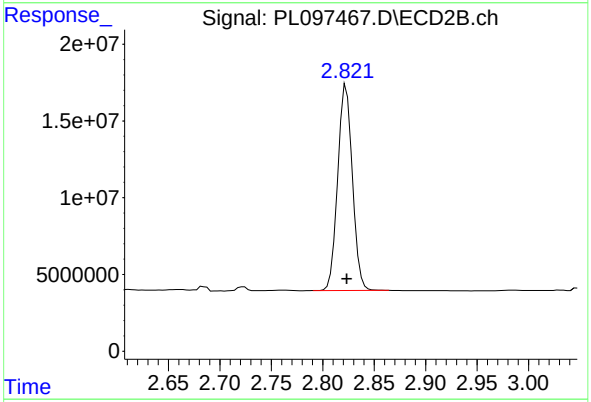




#1 Tetrachloro-m-xylene

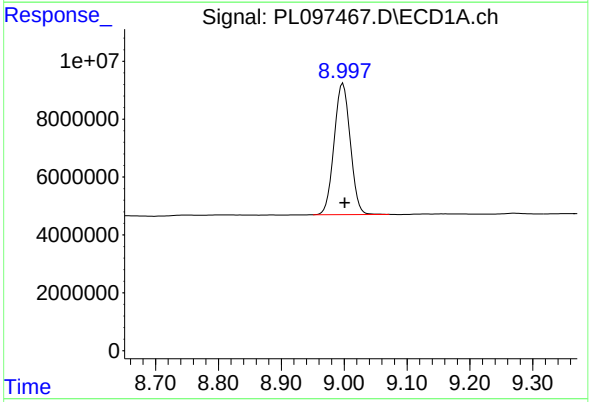
R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 99037519
Conc: 21.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



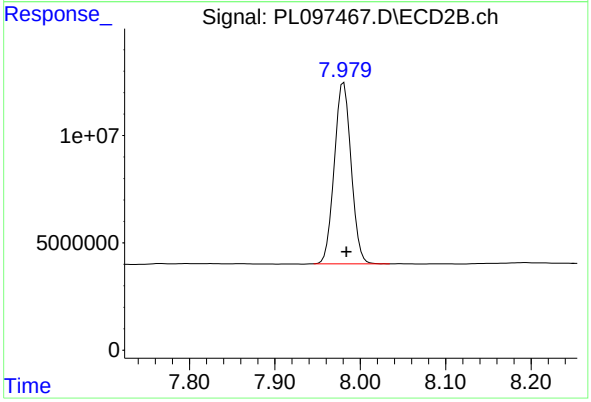
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 132944771
Conc: 20.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: -0.003 min
Response: 81188884
Conc: 24.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 115627090
Conc: 20.32 ng/ml

Raw Data: **PL097482.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097482.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097482.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097482.D	1		10/01/25	Pl100125

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
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.7		57 - 171	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.1		61 - 148	106%	SPK: 20

Raw Data: **PL097482.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097482.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097482.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097482.D	1		10/01/25	Pl100125

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: **PL097482.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 14:02
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: Oct 03 04:03:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.525	2.823	95694561	135.1E6	21.138	20.548
28)	SA Decachlor...	8.996	7.981	80848982	122.5E6	24.708	21.523
	Target Compounds						

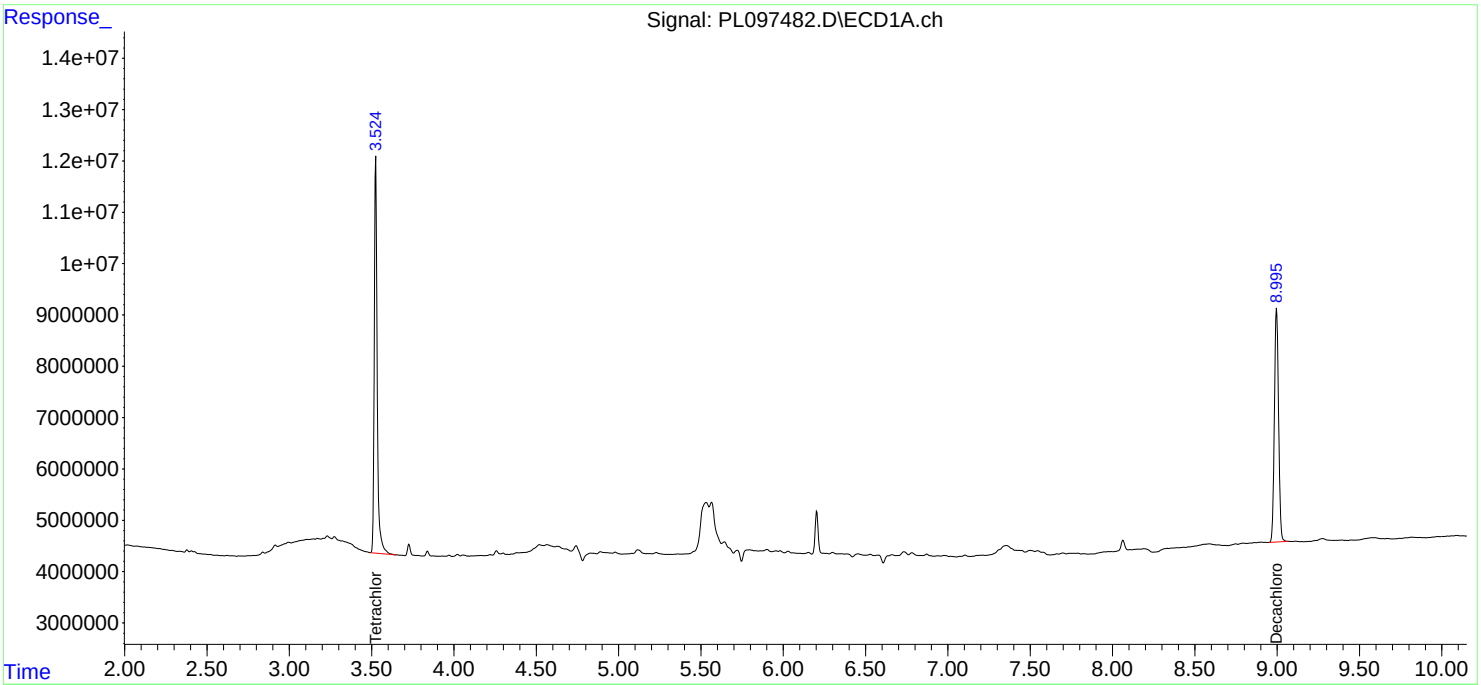
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

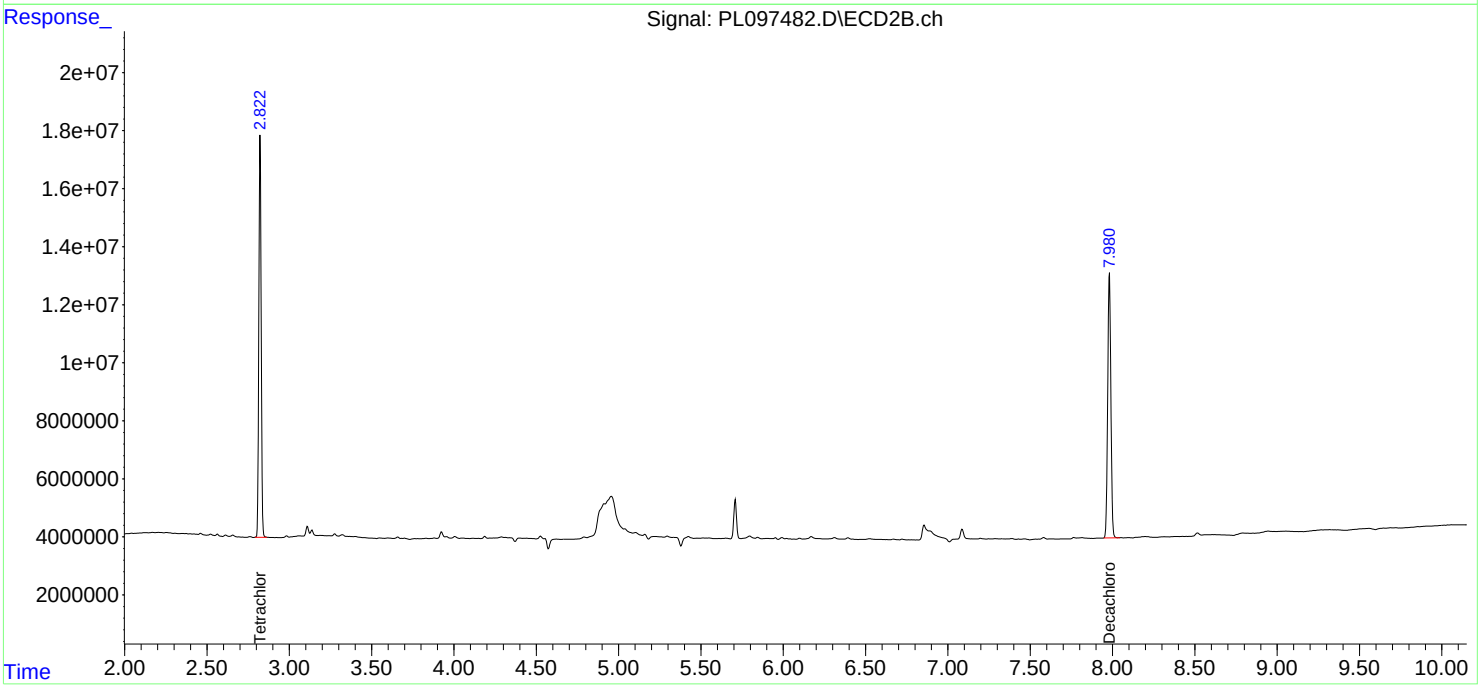
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097482.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 14:02
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

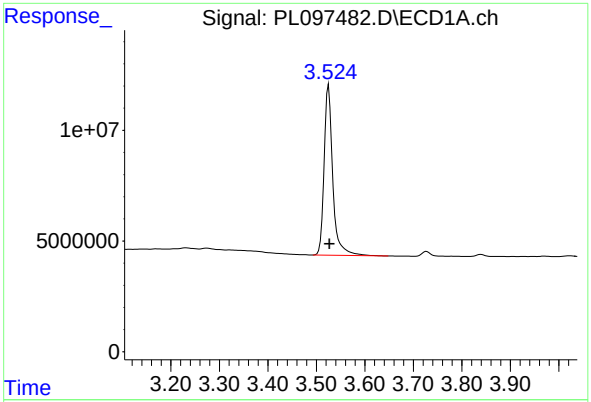
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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



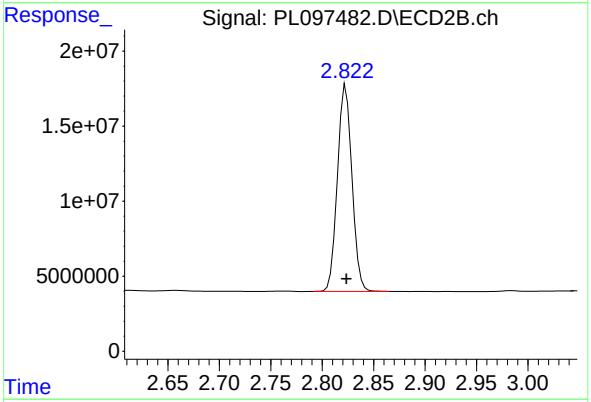




#1 Tetrachloro-m-xylene

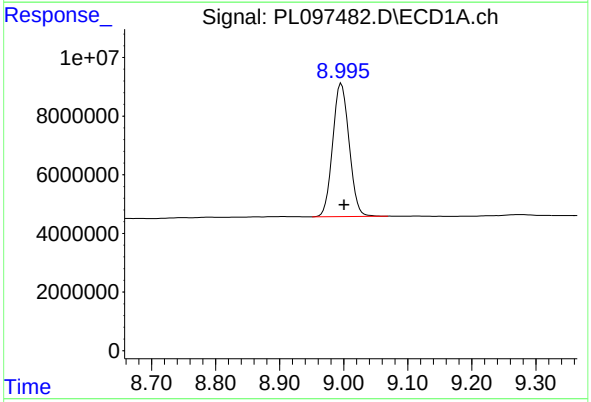
R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 95694561
Conc: 21.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



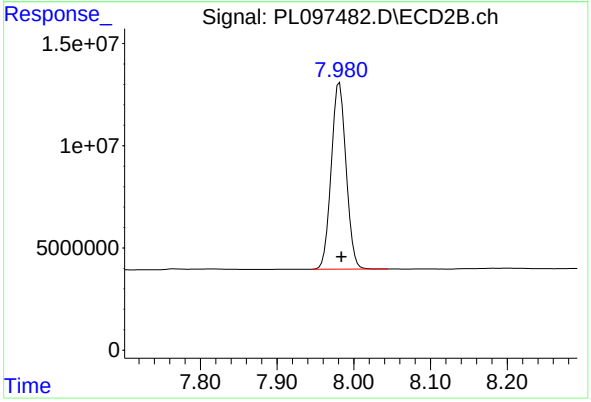
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 135114952
Conc: 20.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: -0.005 min
Response: 80848982
Conc: 24.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 122501875
Conc: 21.52 ng/ml

Raw Data: **PL097490.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097490.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097490.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097490.D	1		10/01/25	Pl100125

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
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.6		57 - 171	123%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.3		61 - 148	107%	SPK: 20

Raw Data: **PL097490.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097490.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097490.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097490.D	1		10/01/25	Pl100125

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\PL100125\
Data File : PL097490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 16:00
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: Oct 03 04:04:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.526	2.824	96602826	135.0E6	21.338	20.537
28)	SA Decachlor...	8.997	7.982	80545455	121.9E6	24.615	21.421
	Target Compounds						

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

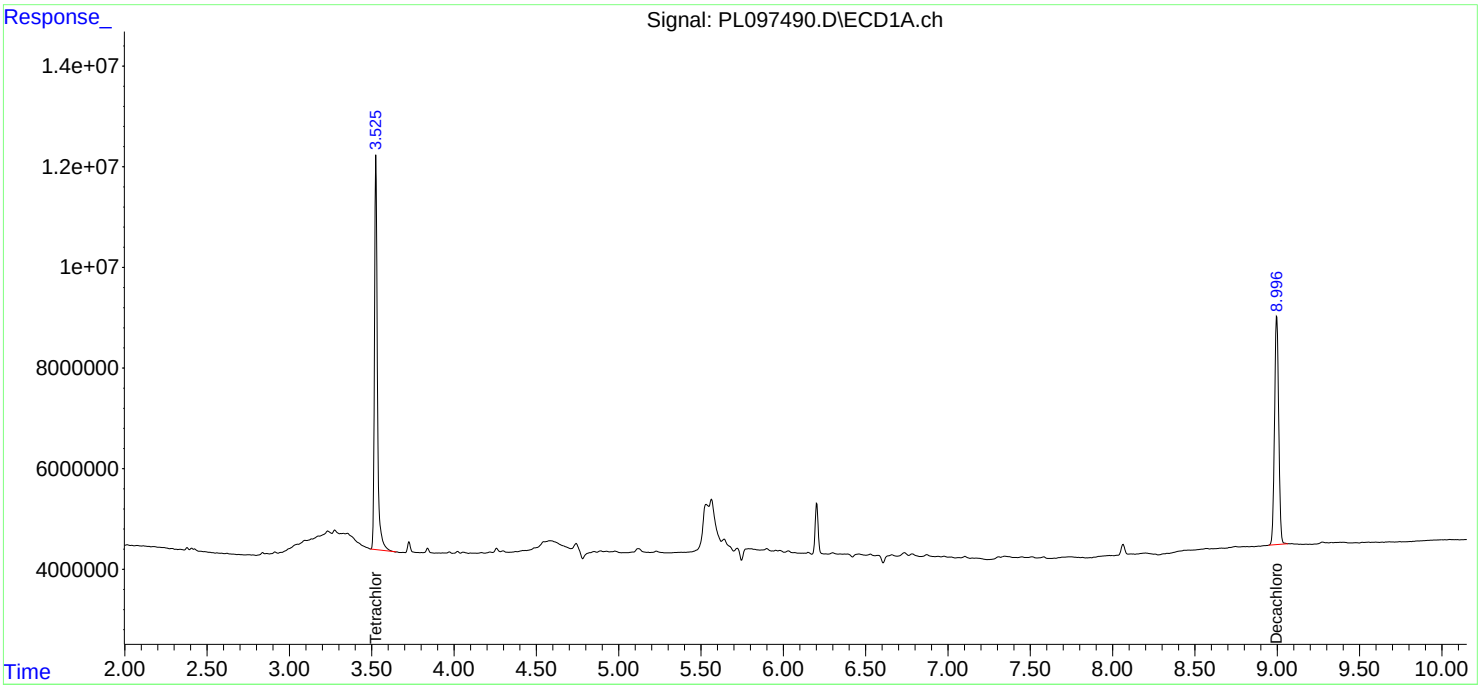
Sample Results: **PL097490.D**

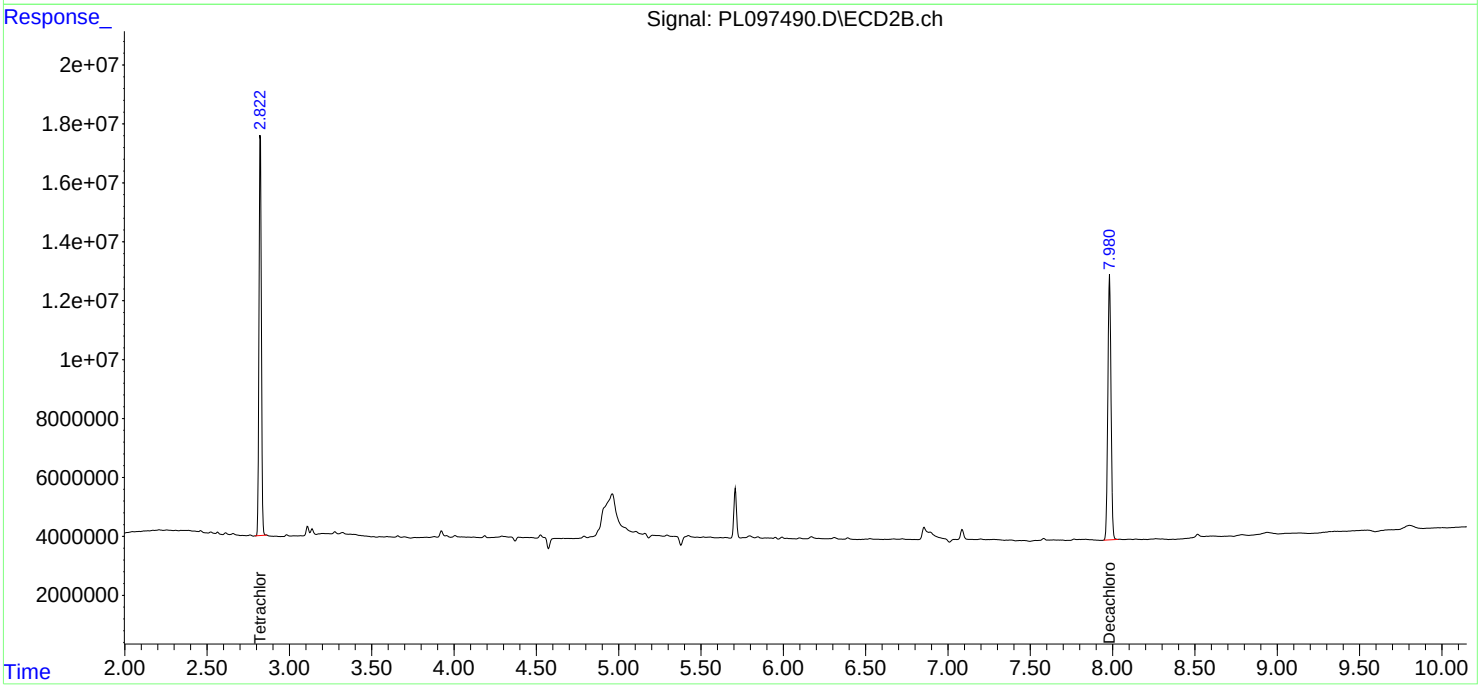
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 16:00
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

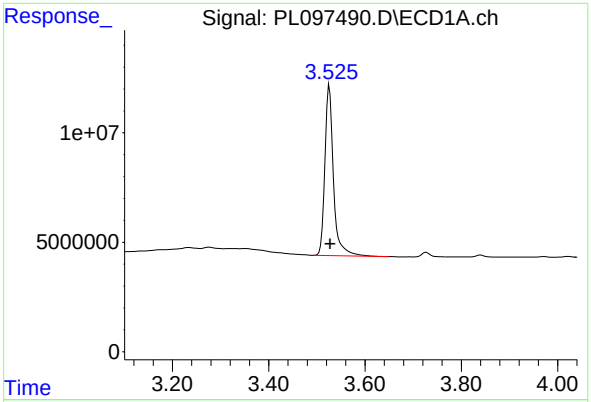
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:04:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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



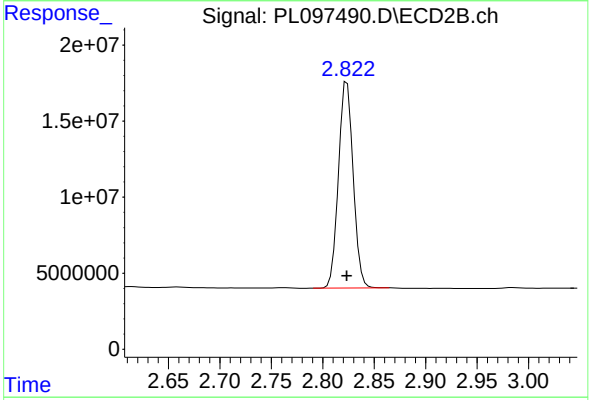




#1 Tetrachloro-m-xylene

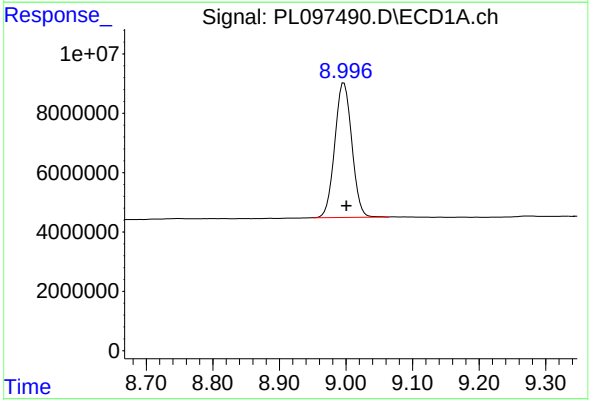
R.T.: 3.526 min
Delta R.T.: -0.001 min
Response: 96602826
Conc: 21.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



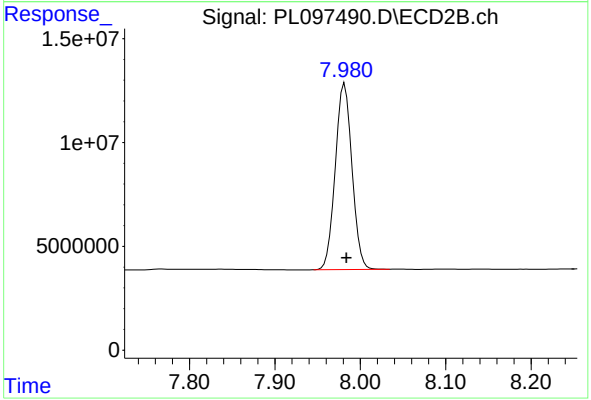
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 135040906
Conc: 20.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.004 min
Response: 80545455
Conc: 24.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 121918826
Conc: 21.42 ng/ml

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169933BS	SDG No.:	Q3257
Lab Sample ID:	PB169933BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097481.D	1	10/01/25 09:36	10/01/25 13:48	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.0		0.13	1.70	ug/kg
319-85-7	beta-BHC	15.0		0.18	1.70	ug/kg
319-86-8	delta-BHC	15.6		0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	14.8		0.14	1.70	ug/kg
76-44-8	Heptachlor	14.4		0.12	1.70	ug/kg
309-00-2	Aldrin	14.7		0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	15.3		0.19	1.70	ug/kg
959-98-8	Endosulfan I	15.4		0.14	1.70	ug/kg
60-57-1	Dieldrin	15.3		0.14	1.70	ug/kg
72-55-9	4,4-DDE	15.9		0.14	1.70	ug/kg
72-20-8	Endrin	16.0		0.14	1.70	ug/kg
33213-65-9	Endosulfan II	14.5		0.29	1.70	ug/kg
72-54-8	4,4-DDD	17.0		0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	16.1		0.13	1.70	ug/kg
50-29-3	4,4-DDT	14.6		0.14	1.70	ug/kg
72-43-5	Methoxychlor	14.5		0.37	1.70	ug/kg
53494-70-5	Endrin ketone	16.7		0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	17.3		0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	15.3		0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	15.2		0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.4		20 - 144	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		19 - 148	87%	SPK: 20

Raw Data: **PL097481.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169933BS	SDG No.:	Q3257
Lab Sample ID:	PB169933BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097481.D	1	10/01/25 09:36	10/01/25 13:48	PB169933

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\PL100125\
Data File : PL097481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 13:48
Operator : AR\AJ
Sample : PB169933BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB169933BS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:02:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.525	2.823	78590880	111.5E6	17.360	16.957
28)	SA Decachlor...	8.997	7.981	66695387	100.6E6	20.382	17.677
	Target Compounds						
2)	A alpha-BHC	3.972	3.327	313.8E6	441.0E6	44.911	44.290
3)	MA gamma-BHC...	4.300	3.659	294.9E6	407.6E6	44.594	43.764
4)	MA Heptachlor	4.890	4.006	287.9E6	396.0E6	43.158	42.559
5)	MB Aldrin	5.229	4.289	279.8E6	381.0E6	44.176	43.898
6)	B beta-BHC	4.487	3.955	122.6E6	169.5E6	44.979	41.721
7)	B delta-BHC	4.731	4.188	284.2E6	399.2E6	46.834m	43.427
8)	B Heptachlo...	5.647	4.790	263.6E6	350.0E6	45.860m	44.123
9)	A Endosulfan I	6.031	5.161	240.2E6	319.6E6	46.368	41.595
10)	B gamma-Chl...	5.901	5.042	258.7E6	375.3E6	45.751m	42.970
11)	B alpha-Chl...	5.983	5.106	261.5E6	360.0E6	46.042	43.365
12)	B 4,4'-DDE	6.153	5.294	227.9E6	333.6E6	47.841	43.410
13)	MA Dieldrin	6.302	5.425	251.6E6	367.4E6	45.897	44.932
14)	MA Endrin	6.529	5.700	213.5E6	361.4E6	46.285	48.114
15)	B Endosulfa...	6.741	5.991	214.3E6	307.8E6	43.578m	43.297
16)	A 4,4'-DDD	6.661	5.846	192.1E6	287.4E6	50.952m	44.570
17)	MA 4,4'-DDT	6.976	6.099	185.9E6	266.5E6	43.967	38.515
18)	B Endrin al...	6.870	6.170	160.2E6	233.2E6	51.980m	43.683
19)	B Endosulfa...	7.105	6.393	197.1E6	300.1E6	48.286	43.812
20)	A Methoxychlor	7.449	6.671	91080663	145.3E6	43.676	38.534
21)	B Endrin ke...	7.583	6.897	213.2E6	363.5E6	50.221	48.269
22)	Mirex	8.062	7.086	147.4E6	227.0E6	41.526	37.973

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 13:48
Operator : AR\AJ
Sample : PB169933BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

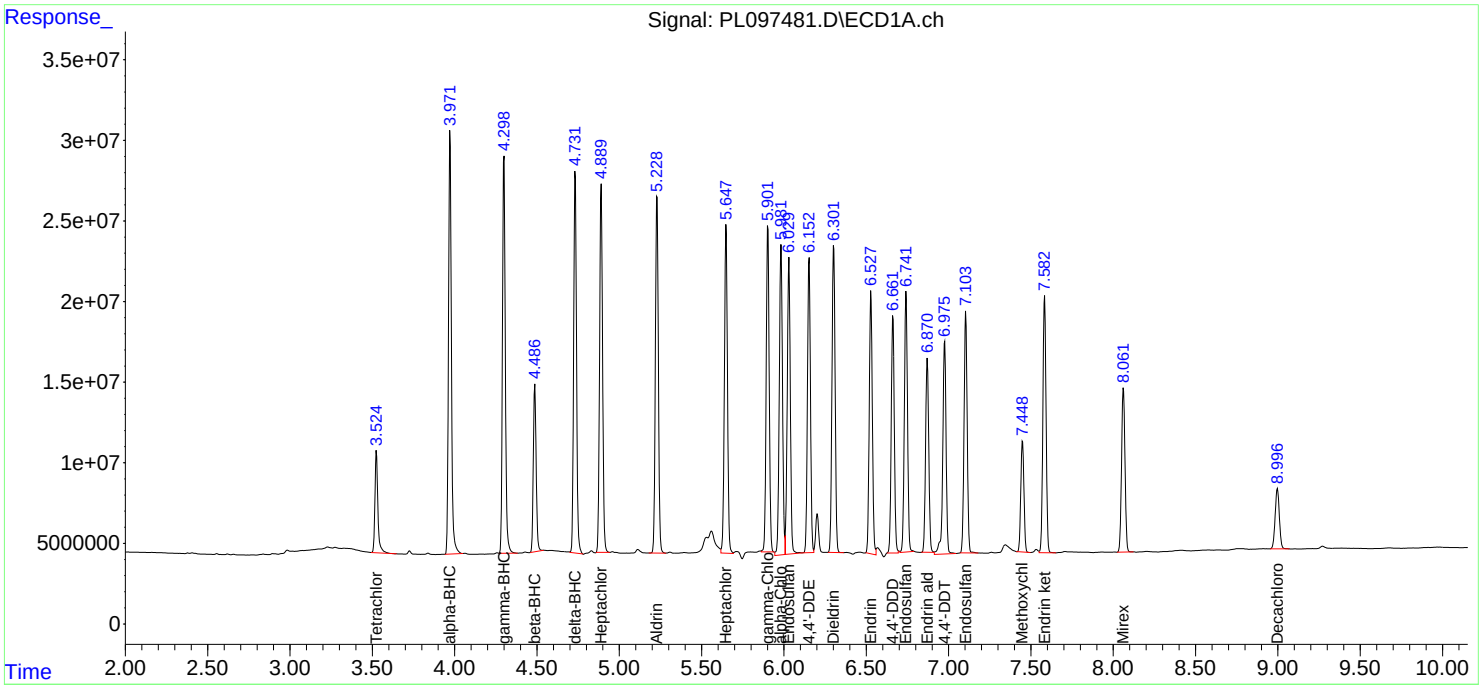
Instrument :
ECD_L
ClientSampleId :
PB169933BS

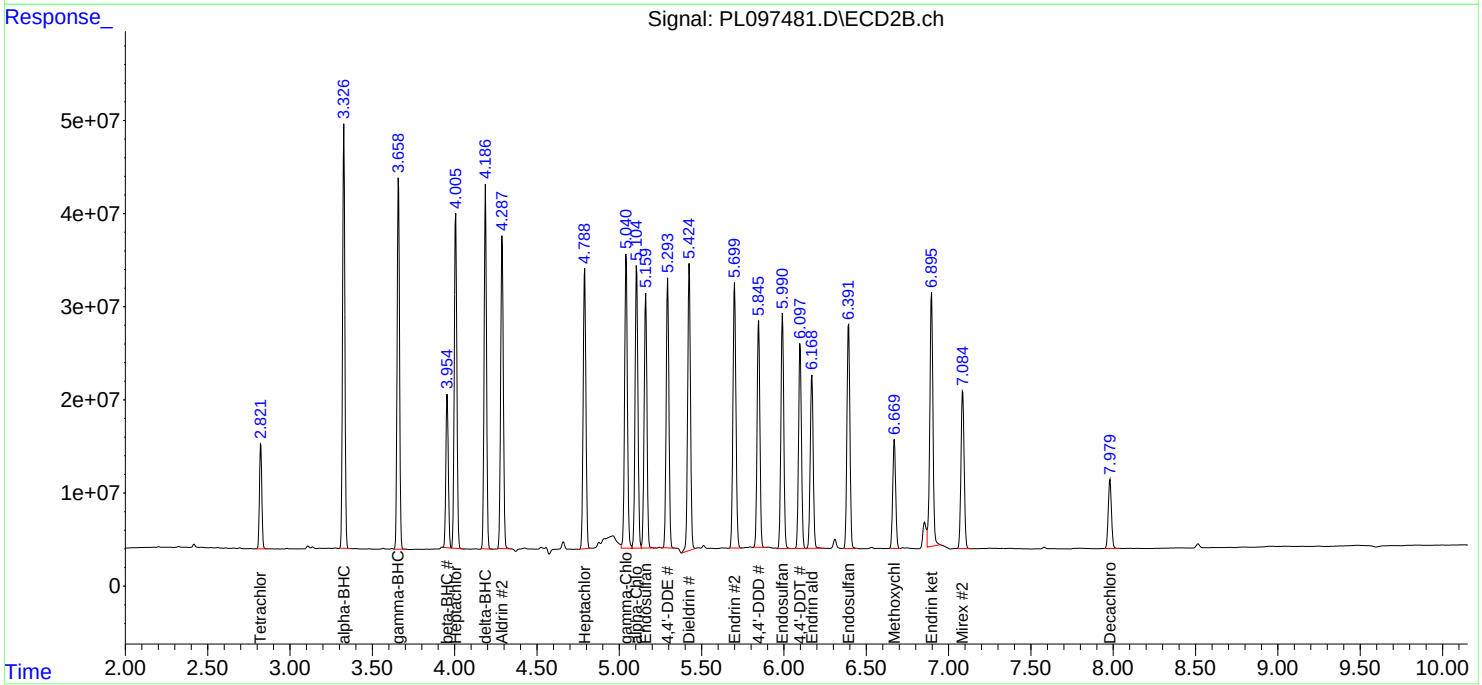
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:02:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





Raw Data: **PL097488.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMS	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097488.D	1	10/01/25 09:36	10/01/25 15:33	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	13.6		0.15	2.00	ug/kg
319-85-7	beta-BHC	14.8		0.21	2.00	ug/kg
319-86-8	delta-BHC	13.9		0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	13.4		0.17	2.00	ug/kg
76-44-8	Heptachlor	12.4		0.14	2.00	ug/kg
309-00-2	Aldrin	13.2		0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	14.2		0.22	2.00	ug/kg
959-98-8	Endosulfan I	13.5		0.17	2.00	ug/kg
60-57-1	Dieldrin	13.9		0.17	2.00	ug/kg
72-55-9	4,4-DDE	14.3		0.17	2.00	ug/kg
72-20-8	Endrin	13.1		0.17	2.00	ug/kg
33213-65-9	Endosulfan II	13.4		0.34	2.00	ug/kg
72-54-8	4,4-DDD	15.5		0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	14.1		0.15	2.00	ug/kg
50-29-3	4,4-DDT	11.8		0.17	2.00	ug/kg
72-43-5	Methoxychlor	11.8		0.44	2.00	ug/kg
53494-70-5	Endrin ketone	14.8		0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	14.0		0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	13.5		0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	14.1		0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	38.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.1		20 - 144	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.1		19 - 148	70%	SPK: 20

Raw Data: **PL097488.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMS	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097488.D	1	10/01/25 09:36	10/01/25 15:33	PB169933

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: **PL097488.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 15:33
Operator : AR\AJ
Sample : Q3257-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.525	2.824	63677441	90849772	14.066m	13.816
28) SA	Decachlor...	8.997	7.981	49413117	73376722	15.101	12.892
	Target Compounds						
2) A	alpha-BHC	3.973	3.329	241.4E6	332.5E6	34.544	33.387
3) MA	gamma-BHC...	4.300	3.660	224.8E6	306.0E6	33.994	32.850
4) MA	Heptachlor	4.891	4.008	211.1E6	285.1E6	31.646	30.641
5) MB	Aldrin	5.230	4.289	213.2E6	283.8E6	33.656	32.698
6) B	beta-BHC	4.488	3.956	95627497	152.6E6	35.077	37.577
7) B	delta-BHC	4.731	4.188	213.8E6	298.9E6	35.230m	32.521
8) B	Heptachlo...	5.650	4.791	207.5E6	263.5E6	36.106	33.221
9) A	Endosulfan I	6.031	5.161	178.4E6	253.2E6	34.433	32.959
10) B	gamma-Chl...	5.903	5.042	203.1E6	287.0E6	35.930	32.860
11) B	alpha-Chl...	5.983	5.107	195.3E6	276.1E6	34.386	33.268
12) B	4,4'-DDE	6.154	5.295	173.3E6	253.7E6	36.369	33.010
13) MA	Dieldrin	6.303	5.426	193.2E6	270.5E6	35.243	33.084
14) MA	Endrin	6.529	5.700	154.1E6	236.3E6	33.394	31.458
15) B	Endosulfa...	6.743	5.992	167.6E6	232.4E6	34.067	32.694
16) A	4,4'-DDD	6.662	5.847	148.5E6	217.6E6	39.387	33.740
17) MA	4,4'-DDT	6.977	6.100	126.4E6	182.0E6	29.894	26.305
18) B	Endrin al...	6.871	6.170	109.4E6	150.9E6	35.491	28.267
19) B	Endosulfa...	7.105	6.393	146.1E6	219.0E6	35.788	31.976
20) A	Methoxychlor	7.449	6.671	62689268	99384902	30.061	26.366
21) B	Endrin ke...	7.584	6.897	159.3E6	245.3E6	37.536	32.581
22)	Mirex	8.062	7.087	125.4E6	192.6E6	35.325	32.211

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

Sample Results: **PL097488.D**

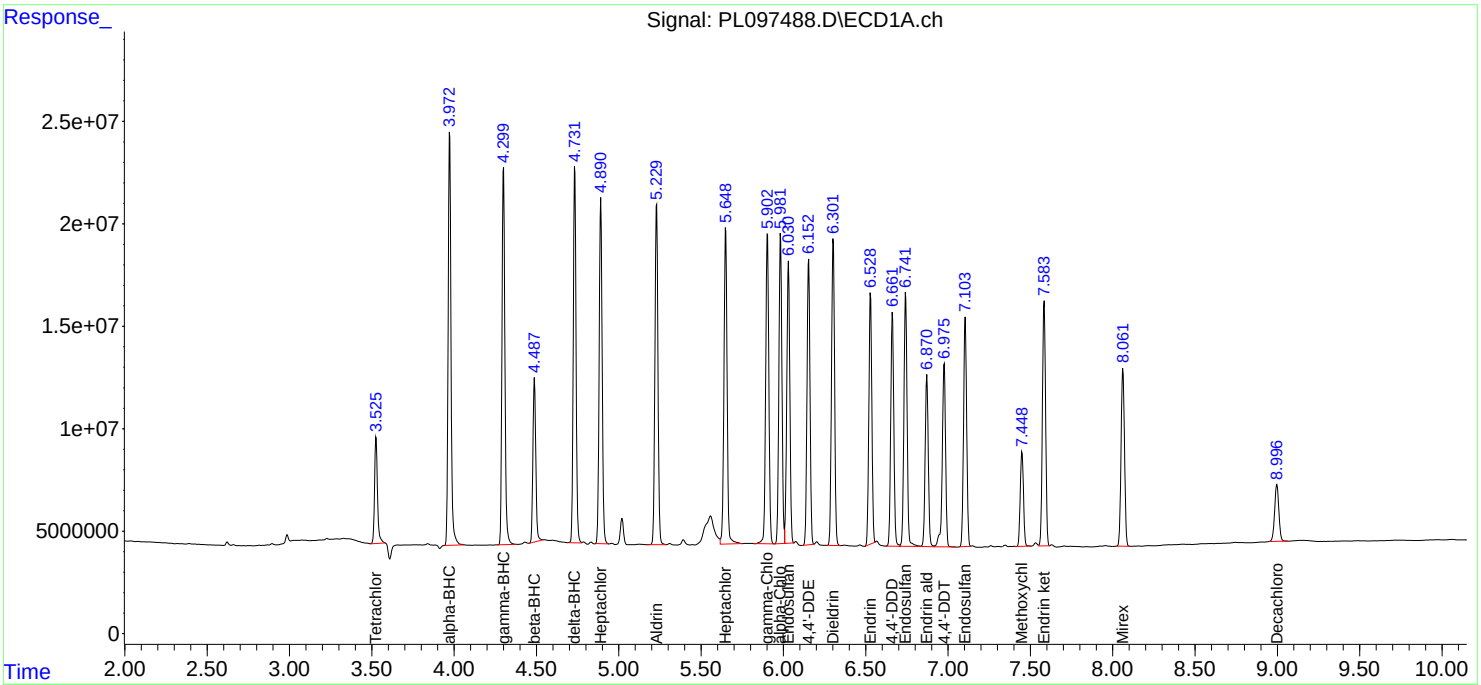
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 15:33
Operator : AR\AJ
Sample : Q3257-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

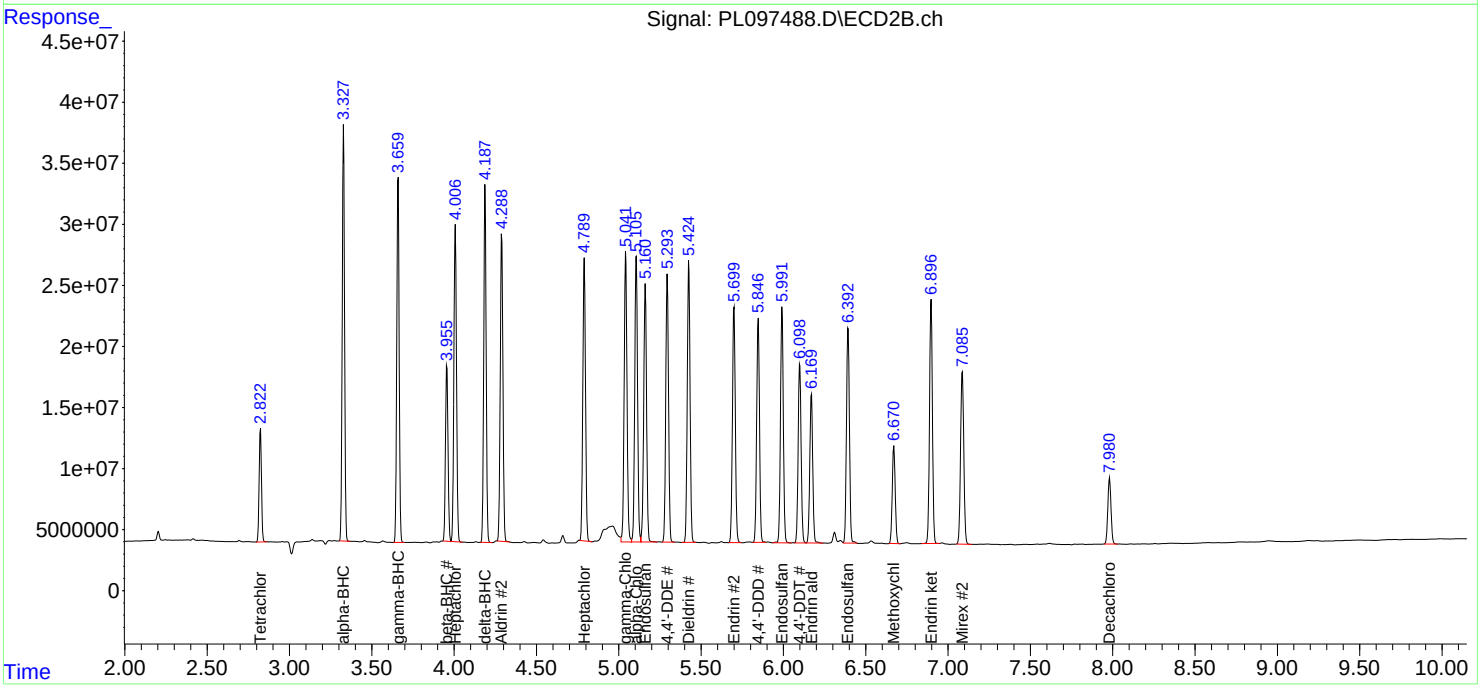
Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





Raw Data: **PL097489.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMSD	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097489.D	1	10/01/25 09:36	10/01/25 15:47	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	13.7		0.15	2.00	ug/kg
319-85-7	beta-BHC	14.8		0.21	2.00	ug/kg
319-86-8	delta-BHC	13.8		0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	13.4		0.16	2.00	ug/kg
76-44-8	Heptachlor	12.5		0.14	2.00	ug/kg
309-00-2	Aldrin	13.4		0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	14.3		0.22	2.00	ug/kg
959-98-8	Endosulfan I	13.7		0.16	2.00	ug/kg
60-57-1	Dieldrin	14.0		0.16	2.00	ug/kg
72-55-9	4,4-DDE	14.5		0.16	2.00	ug/kg
72-20-8	Endrin	13.2		0.16	2.00	ug/kg
33213-65-9	Endosulfan II	13.6		0.34	2.00	ug/kg
72-54-8	4,4-DDD	15.7		0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	14.1		0.15	2.00	ug/kg
50-29-3	4,4-DDT	11.6		0.16	2.00	ug/kg
72-43-5	Methoxychlor	11.7		0.44	2.00	ug/kg
53494-70-5	Endrin ketone	14.9		0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	13.2		0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	13.6		0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	14.3		0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	38.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.0		20 - 144	75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.3		19 - 148	72%	SPK: 20

Raw Data: **PL097489.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMSD	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097489.D	1	10/01/25 09:36	10/01/25 15:47	PB169933

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\PL100125\
Data File : PL097489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 15:47
Operator : AR\AJ
Sample : Q3257-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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...	3.524	2.823	64933308	90999565	14.343m	13.839
28)	SA Decachlor...	8.997	7.980	49193152	74937181	15.034	13.166
	Target Compounds						
2)	A alpha-BHC	3.973	3.328	244.0E6	335.1E6	34.921	33.651
3)	MA gamma-BHC...	4.300	3.660	226.2E6	307.5E6	34.210	33.011
4)	MA Heptachlor	4.891	4.007	212.1E6	285.7E6	31.792	30.699
5)	MB Aldrin	5.229	4.289	216.3E6	288.2E6	34.156	33.208
6)	B beta-BHC	4.488	3.956	96440192	153.5E6	35.376	37.790
7)	B delta-BHC	4.732	4.188	213.1E6	299.1E6	35.121m	32.543
8)	B Heptachlo...	5.649	4.790	209.4E6	266.4E6	36.445	33.585
9)	A Endosulfan I	6.031	5.161	180.8E6	255.4E6	34.897	33.243
10)	B gamma-Chl...	5.903	5.042	205.4E6	290.5E6	36.323	33.260
11)	B alpha-Chl...	5.983	5.106	197.3E6	278.7E6	34.741	33.579
12)	B 4,4'-DDE	6.154	5.294	175.9E6	256.8E6	36.915	33.417
13)	MA Dieldrin	6.303	5.425	195.8E6	272.9E6	35.714	33.376
14)	MA Endrin	6.529	5.699	155.1E6	235.8E6	33.611	31.401
15)	B Endosulfa...	6.742	5.992	170.0E6	235.3E6	34.559	33.094
16)	A 4,4'-DDD	6.663	5.847	151.1E6	222.1E6	40.079	34.436
17)	MA 4,4'-DDT	6.976	6.099	125.0E6	180.6E6	29.571	26.100
18)	B Endrin al...	6.871	6.170	104.0E6	142.4E6	33.746	26.688
19)	B Endosulfa...	7.105	6.393	147.2E6	219.3E6	36.051	32.016
20)	A Methoxychlor	7.449	6.671	61913036	98392167	29.689	26.102
21)	B Endrin ke...	7.584	6.897	161.1E6	248.0E6	37.949	32.927
22)	Mirex	8.062	7.086	127.5E6	196.0E6	35.902	32.786

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 15:47
Operator : AR\AJ
Sample : Q3257-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

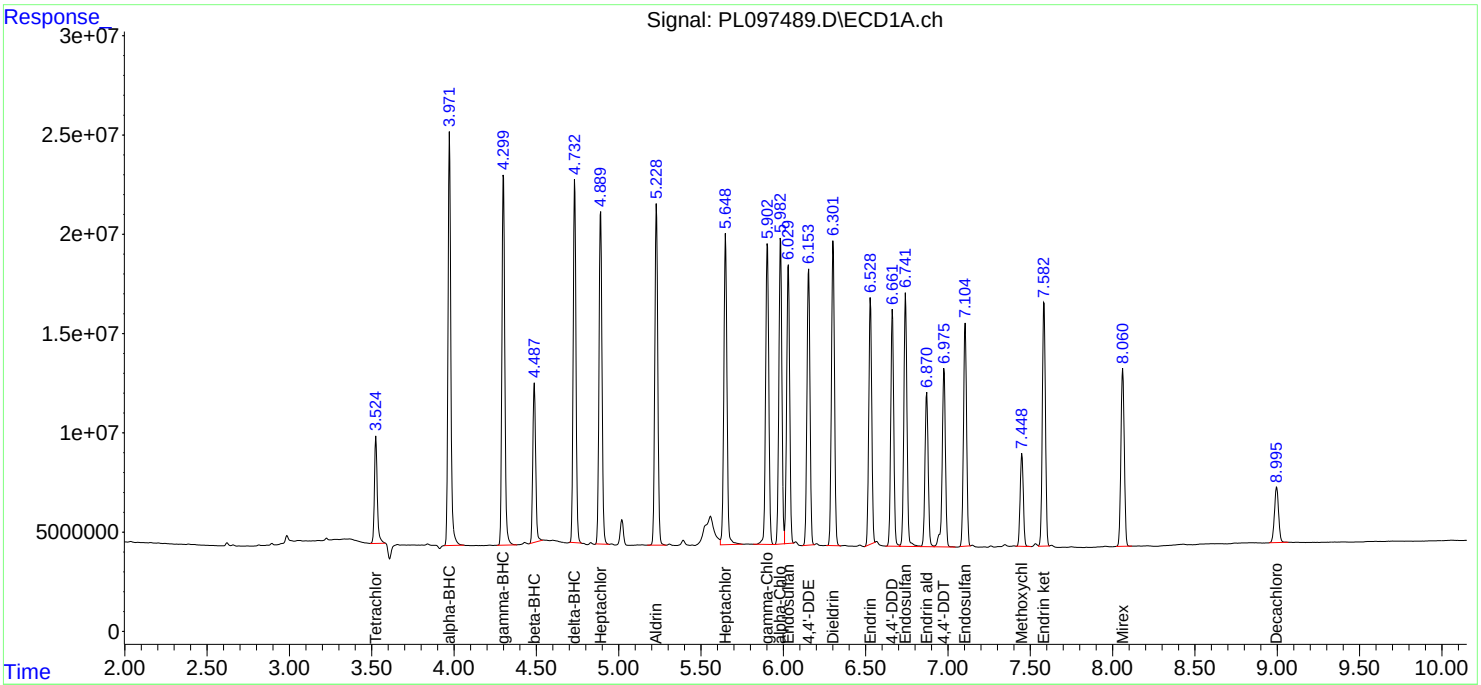
Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

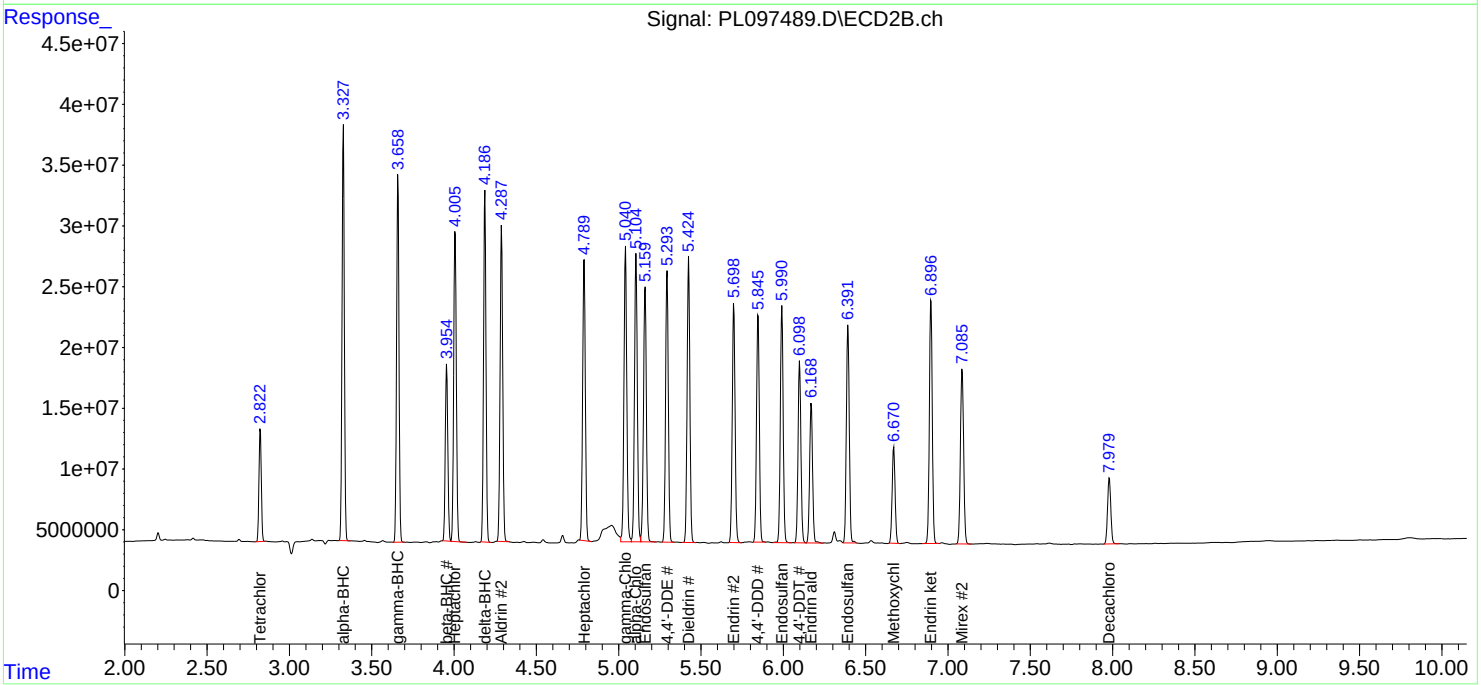
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





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

Manual Integration Report

Sequence:	PL092025	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL097269.D	4,4"-DDD	Abdul	9/19/2025 11:23:24 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PEM	PL097269.D	4,4"-DDD #2	Abdul	9/19/2025 11:23:24 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PEM	PL097269.D	Endrin aldehyde	Abdul	9/19/2025 11:23:24 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PEM	PL097269.D	Endrin aldehyde #2	Abdul	9/19/2025 11:23:24 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PEM	PL097269.D	Endrin ketone	Abdul	9/19/2025 11:23:24 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PEM	PL097269.D	Endrin ketone #2	Abdul	9/19/2025 11:23:24 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	alpha-Chlordane #2	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	delta-BHC	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	Endosulfan II	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	Endrin aldehyde #2	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	Endrin ketone #2	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	gamma-Chlordane #2	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICC005	PL097275.D	Heptachlor epoxide	Abdul	9/19/2025 11:23:27 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL092025	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDICV050	PL097286.D	4,4"-DDD	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	4,4"-DDE	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	4,4"-DDE #2	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	alpha-Chlordane	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	delta-BHC	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Dieldrin #2	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Endosulfan I	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Endosulfan II	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Endrin	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Endrin ketone #2	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	gamma-Chlordane	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Heptachlor epoxide	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PSTDICV050	PL097286.D	Heptachlor epoxide #2	Abdul	9/22/2025 9:04:29 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL092025	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PCHLORICV500	PL097287.D	Chlordane-2	Abdul	9/22/2025 9:04:32 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PCHLORICV500	PL097287.D	Chlordane-3	Abdul	9/22/2025 9:04:32 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PCHLORICV500	PL097287.D	Chlordane-4	Abdul	9/22/2025 9:04:32 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PCHLORICV500	PL097287.D	Chlordane-4 #2	Abdul	9/22/2025 9:04:32 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PCHLORICV500	PL097287.D	Chlordane-5	Abdul	9/22/2025 9:04:32 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software
PTOXICV500	PL097288.D	Toxaphene-1 #2	Abdul	9/22/2025 9:04:35 AM	mohammad	9/23/2025 1:17:52	Peak Integrated by Software

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Manual Integration Report

Sequence:	PI100125	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL097468.D	4,4"-DDD	Abdul	10/3/2025 9:48:25 AM			Peak Integrated by Software
PEM	PL097468.D	4,4"-DDE	Abdul	10/3/2025 9:48:25 AM			Peak Integrated by Software
PEM	PL097468.D	4,4"-DDE #2	Abdul	10/3/2025 9:48:25 AM			Peak Integrated by Software
PEM	PL097468.D	Endrin aldehyde	Abdul	10/3/2025 9:48:25 AM			Peak Integrated by Software
PEM	PL097468.D	Endrin aldehyde #2	Abdul	10/3/2025 9:48:25 AM			Peak Integrated by Software
PSTDCCC050	PL097469.D	4,4"-DDD	Abdul	10/3/2025 9:48:13 AM			Peak Integrated by Software
PSTDCCC050	PL097469.D	alpha-Chlordane	Abdul	10/3/2025 9:48:13 AM			Peak Integrated by Software
PSTDCCC050	PL097469.D	delta-BHC	Abdul	10/3/2025 9:48:13 AM			Peak Integrated by Software
PSTDCCC050	PL097469.D	Dieldrin #2	Abdul	10/3/2025 9:48:13 AM			Peak Integrated by Software
PSTDCCC050	PL097469.D	Endosulfan I	Abdul	10/3/2025 9:48:13 AM			Peak Integrated by Software
PSTDCCC050	PL097469.D	Endosulfan II	Abdul	10/3/2025 9:48:13 AM			Peak Integrated by Software
PSTDCCC050	PL097469.D	Endrin aldehyde	Abdul	10/3/2025 9:48:13 AM			Peak Integrated by Software
PSTDCCC050	PL097469.D	gamma-Chlordane	Abdul	10/3/2025 9:48:13 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PI100125	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL097469.D	Heptachlor epoxide	Abdul	10/3/2025 9:48:13 AM			Peak Integrated by Software
PB169933BS	PL097481.D	4,4"-DDD	Abdul	10/3/2025 9:47:45 AM			Peak Integrated by Software
PB169933BS	PL097481.D	delta-BHC	Abdul	10/3/2025 9:47:45 AM			Peak Integrated by Software
PB169933BS	PL097481.D	Endosulfan II	Abdul	10/3/2025 9:47:45 AM			Peak Integrated by Software
PB169933BS	PL097481.D	Endrin aldehyde	Abdul	10/3/2025 9:47:45 AM			Peak Integrated by Software
PB169933BS	PL097481.D	gamma-Chlordane	Abdul	10/3/2025 9:47:45 AM			Peak Integrated by Software
PB169933BS	PL097481.D	Heptachlor epoxide	Abdul	10/3/2025 9:47:45 AM			Peak Integrated by Software
PSTDCCC050	PL097483.D	4,4"-DDD	Abdul	10/3/2025 9:47:41 AM			Peak Integrated by Software
PSTDCCC050	PL097483.D	alpha-Chlordane	Abdul	10/3/2025 9:47:41 AM			Peak Integrated by Software
PSTDCCC050	PL097483.D	delta-BHC	Abdul	10/3/2025 9:47:41 AM			Peak Integrated by Software
PSTDCCC050	PL097483.D	Dieldrin #2	Abdul	10/3/2025 9:47:41 AM			Peak Integrated by Software
PSTDCCC050	PL097483.D	Endosulfan I	Abdul	10/3/2025 9:47:41 AM			Peak Integrated by Software
PSTDCCC050	PL097483.D	Endosulfan II	Abdul	10/3/2025 9:47:41 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PI100125	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL097483.D	Endrin	Abdul	10/3/2025 9:47:41 AM			Peak Integrated by Software
PSTDCCC050	PL097483.D	Endrin aldehyde	Abdul	10/3/2025 9:47:41 AM			Peak Integrated by Software
PSTDCCC050	PL097483.D	Endrin ketone #2	Abdul	10/3/2025 9:47:41 AM			Peak Integrated by Software
PSTDCCC050	PL097483.D	gamma-Chlordane	Abdul	10/3/2025 9:47:41 AM			Peak Integrated by Software
PSTDCCC050	PL097483.D	gamma-Chlordane #2	Abdul	10/3/2025 9:47:41 AM			Peak Integrated by Software
PSTDCCC050	PL097483.D	Heptachlor epoxide	Abdul	10/3/2025 9:47:41 AM			Peak Integrated by Software
Q3257-01	PL097486.D	Tetrachloro-m-xylene	Abdul	10/3/2025 9:47:28 AM			Peak Integrated by Software
Q3257-02	PL097487.D	Tetrachloro-m-xylene	Abdul	10/3/2025 9:47:25 AM			Peak Integrated by Software
Q3257-02MS	PL097488.D	delta-BHC	Abdul	10/3/2025 9:47:22 AM			Peak Integrated by Software
Q3257-02MS	PL097488.D	Tetrachloro-m-xylene	Abdul	10/3/2025 9:47:22 AM			Peak Integrated by Software
Q3257-02MSD	PL097489.D	delta-BHC	Abdul	10/3/2025 9:47:20 AM			Peak Integrated by Software
Q3257-02MSD	PL097489.D	Tetrachloro-m-xylene	Abdul	10/3/2025 9:47:20 AM			Peak Integrated by Software
PSTDCCC050	PL097491.D	4,4"-DDD	Abdul	10/3/2025 9:47:17 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	PI100125	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL097491.D	alpha-Chlordane	Abdul	10/3/2025 9:47:17 AM			Peak Integrated by Software
PSTDCCC050	PL097491.D	delta-BHC	Abdul	10/3/2025 9:47:17 AM			Peak Integrated by Software
PSTDCCC050	PL097491.D	Dieldrin #2	Abdul	10/3/2025 9:47:17 AM			Peak Integrated by Software
PSTDCCC050	PL097491.D	Endosulfan II	Abdul	10/3/2025 9:47:17 AM			Peak Integrated by Software
PSTDCCC050	PL097491.D	Endrin aldehyde	Abdul	10/3/2025 9:47:17 AM			Peak Integrated by Software
PSTDCCC050	PL097491.D	gamma-Chlordane	Abdul	10/3/2025 9:47:17 AM			Peak Integrated by Software
PSTDCCC050	PL097491.D	Heptachlor epoxide	Abdul	10/3/2025 9:47:17 AM			Peak Integrated by Software

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092025

Review By	Abdul	Review On	9/22/2025 9:04:56 AM		
Supervise By	mohammad	Supervise On	9/23/2025 1:17:52 AM		
SubDirectory	PL092025	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL097267.D	18 Sep 2025 16:11	AR\AJ	Ok
2	I.BLK	PL097268.D	18 Sep 2025 16:25	AR\AJ	Ok
3	PEM	PL097269.D	18 Sep 2025 16:39	AR\AJ	Ok,M
4	RESCHK	PL097270.D	18 Sep 2025 16:52	AR\AJ	Ok
5	PSTDICC100	PL097271.D	18 Sep 2025 17:06	AR\AJ	Ok
6	PSTDICC075	PL097272.D	18 Sep 2025 17:19	AR\AJ	Ok
7	PSTDICC050	PL097273.D	18 Sep 2025 17:33	AR\AJ	Ok
8	PSTDICC025	PL097274.D	18 Sep 2025 17:47	AR\AJ	Ok
9	PSTDICC005	PL097275.D	18 Sep 2025 18:00	AR\AJ	Ok,M
10	PCHLORICC1000	PL097276.D	18 Sep 2025 18:14	AR\AJ	Ok
11	PCHLORICC750	PL097277.D	18 Sep 2025 18:28	AR\AJ	Ok
12	PCHLORICC500	PL097278.D	18 Sep 2025 18:41	AR\AJ	Ok
13	PCHLORICC250	PL097279.D	18 Sep 2025 18:55	AR\AJ	Ok
14	PCHLORICC050	PL097280.D	18 Sep 2025 19:08	AR\AJ	Ok
15	PTOXICC1000	PL097281.D	18 Sep 2025 19:22	AR\AJ	Ok
16	PTOXICC750	PL097282.D	18 Sep 2025 19:35	AR\AJ	Ok,M
17	PTOXICC500	PL097283.D	18 Sep 2025 19:49	AR\AJ	Ok
18	PTOXICC250	PL097284.D	18 Sep 2025 20:03	AR\AJ	Ok
19	PTOXICC100	PL097285.D	18 Sep 2025 20:16	AR\AJ	Ok,M
20	PSTDICV050	PL097286.D	19 Sep 2025 08:39	AR\AJ	Ok,M
21	PCHLORICV500	PL097287.D	19 Sep 2025 08:52	AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092025

Review By	Abdul	Review On	9/22/2025 9:04:56 AM		
Supervise By	mohammad	Supervise On	9/23/2025 1:17:52 AM		
SubDirectory	PL092025	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PL097288.D	19 Sep 2025 09:25	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100125

Review By	Abdul	Review On	10/2/2025 8:56:25 AM		
Supervise By		Supervise On			
SubDirectory	PL100125	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL097466.D	01 Oct 2025 09:18	AR\AJ	Ok
2	I.BLK	PL097467.D	01 Oct 2025 09:31	AR\AJ	Ok
3	PEM	PL097468.D	01 Oct 2025 09:45	AR\AJ	Ok,NS
4	PSTDCCC050	PL097469.D	01 Oct 2025 10:02	AR\AJ	Ok,NS
5	PB169908BL	PL097470.D	01 Oct 2025 11:14	AR\AJ	Ok
6	PB169908BS	PL097471.D	01 Oct 2025 11:28	AR\AJ	Ok,NS
7	Q3238-01	PL097472.D	01 Oct 2025 11:42	AR\AJ	Ok,NS
8	Q3240-01	PL097473.D	01 Oct 2025 11:55	AR\AJ	Ok,NS
9	Q3245-01	PL097474.D	01 Oct 2025 12:08	AR\AJ	Ok,NS
10	Q3245-01MS	PL097475.D	01 Oct 2025 12:22	AR\AJ	Ok,NS
11	Q3245-01MSD	PL097476.D	01 Oct 2025 12:35	AR\AJ	Ok,NS
12	Q3245-09	PL097477.D	01 Oct 2025 12:49	AR\AJ	Ok,NS
13	Q3245-17	PL097478.D	01 Oct 2025 13:03	AR\AJ	Ok,NS
14	Q3253-01	PL097479.D	01 Oct 2025 13:20	AR\AJ	Ok,NS
15	PB169933BL	PL097480.D	01 Oct 2025 13:34	AR\AJ	Ok
16	PB169933BS	PL097481.D	01 Oct 2025 13:48	AR\AJ	Ok,NS
17	I.BLK	PL097482.D	01 Oct 2025 14:02	AR\AJ	Ok
18	PSTDCCC050	PL097483.D	01 Oct 2025 14:15	AR\AJ	Ok,NS
19	Q3256-01	PL097484.D	01 Oct 2025 14:39	AR\AJ	Ok,NS
20	Q3256-05	PL097485.D	01 Oct 2025 14:52	AR\AJ	Ok,NS
21	Q3257-01	PL097486.D	01 Oct 2025 15:06	AR\AJ	Ok,NS

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100125

Review By	Abdul	Review On	10/2/2025 8:56:25 AM		
Supervise By		Supervise On			
SubDirectory	PL100125	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3257-02	PL097487.D	01 Oct 2025 15:20	AR\AJ	Ok,NS
23	Q3257-02MS	PL097488.D	01 Oct 2025 15:33	AR\AJ	Ok,NS
24	Q3257-02MSD	PL097489.D	01 Oct 2025 15:47	AR\AJ	Ok,NS
25	I.BLK	PL097490.D	01 Oct 2025 16:00	AR\AJ	Ok
26	PSTDCCC050	PL097491.D	01 Oct 2025 16:14	AR\AJ	Ok,NS

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092025

Review By	Abdul	Review On	9/22/2025 9:04:56 AM		
Supervise By	mohammad	Supervise On	9/23/2025 1:17:52 AM		
SubDirectory	PL092025	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL097267.D	18 Sep 2025 16:11		AR\AJ	Ok
2	I.BLK	I.BLK	PL097268.D	18 Sep 2025 16:25		AR\AJ	Ok
3	PEM	PEM	PL097269.D	18 Sep 2025 16:39		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL097270.D	18 Sep 2025 16:52		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL097271.D	18 Sep 2025 17:06		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL097272.D	18 Sep 2025 17:19		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL097273.D	18 Sep 2025 17:33		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL097274.D	18 Sep 2025 17:47		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PL097275.D	18 Sep 2025 18:00		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL097276.D	18 Sep 2025 18:14		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL097277.D	18 Sep 2025 18:28		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL097278.D	18 Sep 2025 18:41		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL097279.D	18 Sep 2025 18:55		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL097280.D	18 Sep 2025 19:08		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL097281.D	18 Sep 2025 19:22		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL097282.D	18 Sep 2025 19:35		AR\AJ	Ok,M
17	PTOXICC500	PTOXICC500	PL097283.D	18 Sep 2025 19:49		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL097284.D	18 Sep 2025 20:03		AR\AJ	Ok

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL092025

Review By	Abdul	Review On	9/22/2025 9:04:56 AM		
Supervise By	mohammad	Supervise On	9/23/2025 1:17:52 AM		
SubDirectory	PL092025	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PL097285.D	18 Sep 2025 20:16		AR\AJ	Ok,M
20	PSTDICV050	ICVPL092025	PL097286.D	19 Sep 2025 08:39		AR\AJ	Ok,M
21	PCHLORICV500	ICVPL092025	PL097287.D	19 Sep 2025 08:52		AR\AJ	Ok,M
22	PTOXICV500	ICVPL092025	PL097288.D	19 Sep 2025 09:25		AR\AJ	Ok,M

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 # PL100125

Review By	Abdul	Review On	10/2/2025 8:56:25 AM		
Supervise By		Supervise On			
SubDirectory	PL100125	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL097466.D	01 Oct 2025 09:18		AR\AJ	Ok
2	I.BLK	I.BLK	PL097467.D	01 Oct 2025 09:31		AR\AJ	Ok
3	PEM	PEM	PL097468.D	01 Oct 2025 09:45		AR\AJ	Ok,NS
4	PSTDCCC050	PSTDCCC050	PL097469.D	01 Oct 2025 10:02		AR\AJ	Ok,NS
5	PB169908BL	PB169908BL	PL097470.D	01 Oct 2025 11:14		AR\AJ	Ok
6	PB169908BS	PB169908BS	PL097471.D	01 Oct 2025 11:28		AR\AJ	Ok,NS
7	Q3238-01	RCA	PL097472.D	01 Oct 2025 11:42		AR\AJ	Ok,NS
8	Q3240-01	OK-02-092925	PL097473.D	01 Oct 2025 11:55		AR\AJ	Ok,NS
9	Q3245-01	13-1	PL097474.D	01 Oct 2025 12:08		AR\AJ	Ok,NS
10	Q3245-01MS	13-1MS	PL097475.D	01 Oct 2025 12:22		AR\AJ	Ok,NS
11	Q3245-01MSD	13-1MSD	PL097476.D	01 Oct 2025 12:35		AR\AJ	Ok,NS
12	Q3245-09	12-8	PL097477.D	01 Oct 2025 12:49		AR\AJ	Ok,NS
13	Q3245-17	12-1	PL097478.D	01 Oct 2025 13:03		AR\AJ	Ok,NS
14	Q3253-01	ARS20-0009	PL097479.D	01 Oct 2025 13:20		AR\AJ	Ok,NS
15	PB169933BL	PB169933BL	PL097480.D	01 Oct 2025 13:34		AR\AJ	Ok
16	PB169933BS	PB169933BS	PL097481.D	01 Oct 2025 13:48		AR\AJ	Ok,NS
17	I.BLK	I.BLK	PL097482.D	01 Oct 2025 14:02		AR\AJ	Ok
18	PSTDCCC050	PSTDCCC050	PL097483.D	01 Oct 2025 14:15		AR\AJ	Ok,NS

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 # PL100125

Review By	Abdul	Review On	10/2/2025 8:56:25 AM		
Supervise By		Supervise On			
SubDirectory	PL100125	HP Acquire Method		HP Processing Method	pl092025 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24890,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3256-01	SOIL-PILE-1-WC	PL097484.D	01 Oct 2025 14:39		AR\AJ	Ok,NS
20	Q3256-05	SOIL-PILE-2-WC	PL097485.D	01 Oct 2025 14:52		AR\AJ	Ok,NS
21	Q3257-01	ENV1-6FT	PL097486.D	01 Oct 2025 15:06		AR\AJ	Ok,NS
22	Q3257-02	ENV2-6FT	PL097487.D	01 Oct 2025 15:20		AR\AJ	Ok,NS
23	Q3257-02MS	ENV2-6FTMS	PL097488.D	01 Oct 2025 15:33		AR\AJ	Ok,NS
24	Q3257-02MSD	ENV2-6FTMSD	PL097489.D	01 Oct 2025 15:47		AR\AJ	Ok,NS
25	I.BLK	I.BLK	PL097490.D	01 Oct 2025 16:00		AR\AJ	Ok
26	PSTDCCC050	PSTDCCC050	PL097491.D	01 Oct 2025 16:14		AR\AJ	Ok,NS

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 10/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137380

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3257-01	ENV1-6FT	1	1.14	10.57	11.71	10.05	84.3	
Q3257-02	ENV2-6FT	2	1.15	10.55	11.7	10.09	84.7	
Q3262-01	PAD-100125	3	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3262-02	MOO-25-0280	4	1.15	10.87	12.02	6.94	53.3	
Q3262-04	MOO-25-0282	5	1.19	11.25	12.44	7.9	59.6	
Q3262-05	MOO-25-0281-82	6	1.16	11.03	12.19	8.19	63.7	
Q3262-07	279887	7	1.18	10.18	11.36	10.00	86.6	
Q3262-08	279887	8	1.12	10.85	11.97	10.6	87.4	
Q3264-01	L23A	9	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-02	L23B	10	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-03	L24A	11	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-04	L24B	12	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-05	L25A	13	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-06	L25B	14	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-07	L26A	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-08	L26B	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-09	L27A	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-10	L27B	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-11	L28A	19	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-12	L29A	20	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-13	L30A	21	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-14	L31A	22	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-15	L32A	23	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-16	L33A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-17	L33B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-18	L34A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-19	L34B	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-20	245F55-1-1	28	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 10/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137380

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3264-21	245F55-1-2	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-22	245F46-1-1	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-23	245F46-1-2	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-24	245F46-2-1	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-25	245F46-2-2	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3265-01	BC279304-LOZ-END-1-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3265-02	BC279304-LOZ-END-1-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3266-01	ENV-3-6FT	36	1.15	11.10	12.25	10.06	80.3	
Q3266-02	ENV-3-6FT	37	1.14	10.18	11.32	10.00	87.0	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

lab 373380

WorkList Name : %1-100125 **WorkList ID :** 192195 **Department :** Wet-Chemistry **Date :** 10-01-2025 07:02:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3257-01	ENV1-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	09/30/2025	Chemtech -SO
Q3257-02	ENV2-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	09/29/2025	Chemtech -SO
Q3262-01	PAD-100125	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-02	MOO-25-0280	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-04	MOO-25-0282	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-05	MOO-25-0281-82	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-07	279887	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-08	279887	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-01	L23A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-02	L23B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-03	L24A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-04	L24B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-05	L25A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-06	L25B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-07	L26A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-08	L26B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-09	L27A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-10	L27B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-11	L28A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-12	L29A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-13	L30A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO

Date/Time 10/01/25 15:15

Raw Sample Received by: JR WC1

Raw Sample Relinquished by: CP SW

Date/Time 10/01/25 17:30

Raw Sample Received by: CP SW

Raw Sample Relinquished by: JR WC1

WORKLIST(Hardcopy Internal Chain)

VB 137380

WorkList Name : %1-100125 **WorkList ID :** 192195 **Department :** Wet-Chemistry **Date :** 10-01-2025 07:02:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3264-14	L31A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-15	L32A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-16	L33A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-17	L33B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-18	L34A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-19	L34B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-20	245F55-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-21	245F55-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-22	245F46-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-23	245F46-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-24	245F46-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-25	245F46-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3265-01	BC279304-LOZ-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3265-02	BC279304-LOZ-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3266-01	ENV-3-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	10/01/2025	Chemtech -SO
Q3266-02	ENV-3-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	10/01/2025	Chemtech -SO

Date/Time 10/01/25 15:15

Raw Sample Received by: RSB WCL

Raw Sample Relinquished by: CP SM

Date/Time 10/01/25 17:30

Raw Sample Received by: CP SM

Raw Sample Relinquished by: RSB WCL

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169933

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Florisil			**Extraction Start Date :**	10/01/2025
Matrix :	Solid			**Extraction Start Time :**	09:36
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	10/01/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	12:45
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	ritesh

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	PP24766
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
Hexane/Acetone/1:1	N/A	EP2643
Baked Na2SO4	N/A	EP2646
Sand	N/A	E3951
Hexane	N/A	E3974
Florisil	N/A	E3927
9:1 Hexane:Acetone Mixture	N/A	EP2644
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 # 03-40BTS721.

KD Bath ID:	N/A	**Envap ID:**	NE VAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/01/25	RJ (EXL-1 cab)	7-P-Pest IPCB.
12:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169933

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 10/01/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169933BL	PBLK933	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10			U6-1
PB169933BS	PLCS933	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10			2
Q3253-01	ARS20-0009	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		3
Q3256-01	SOIL-PILE-1-WC	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	B		4
Q3256-05	SOIL-PILE-2-WC	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	B		5
Q3257-01	ENV1-6FT	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	E		6
Q3257-02	ENV2-6FT	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		U1-1
Q3257-02MS	ENV2-6FTMS	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		2
Q3257-02MSD	ENV2-6FTMSD	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	E		3

RJ
10/01

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

-9933
9:36

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3956P **WorkList ID :** 192209 **Department :** Extraction **Date :** 10-01-2025 08:58:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3253-01	ARS20-0009	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	09/30/2025	8081B
Q3256-01	SOIL-PILE-1-WC	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	09/30/2025	8081B
Q3256-05	SOIL-PILE-2-WC	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	09/30/2025	8081B
Q3257-01	ENV1-6FT	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	D31	09/30/2025	8081B
Q3257-02	ENV2-6FT	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	D31	09/30/2025	8081B

Date/Time 10/01/25 9:31
Raw Sample Received by: RJ (ext-lab)
Raw Sample Relinquished by: CP SM

Date/Time 10/01/25 9:45
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (ext-lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q3257
COC Number 2045354

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CDM Smith
ADDRESS: 110 Fieldcrest Ave., #8, 6th floor
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: Marcie Encinas
PHONE: 908-647-5565 FAX: 732-225-7851

CLIENT PROJECT INFORMATION

PROJECT NAME: NECO CJO WTP PFAS - GeoTech
PROJECT NO.: 295110 LOCATION: Edison, NJ
PROJECT MANAGER: David Tanzi
e-mail: TANZIDJ@cdmsmith.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: CDM Smith PO#:
ADDRESS: 110 Fieldcrest Ave, #8, 6th floor
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: Marcie Encinas PHONE: 908-647-5565

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ 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: EPH
2: Herbicide
3: TAL Metal
4: Hg
5: TCL Pesticide + PCB
6: TCL VOC + 10
7: TC LVOC + 20
8:
9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	ENV 1 - 6ft	Soil		X	9/30/25	10:50	4	X	X	X	X	X	X	X	X		
2.	ENV 2 - 6ft	Soil		X	9/29/25	11:10	4	X	X	X	X	X	1	X	X		
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. MH	9/30/25 12:35	1. 1435 9-30-25
2.		2.
3.	9-30-25 1540	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.0 °C
Comments:

Page _____ of

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.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3257 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 9/30/2025 2:40:01 PM
Project Name : MWCO CJO WTP Edison 2
Receive DateTime : 9/30/2025 ~~12:00:00 AM~~ 15:40
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3257-01	ENV1-6FT	Solid	09/30/2025	10:50					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q3257-02	ENV2-6FT	Solid	~~09/30/2025~~ 09/29/2025	11:10					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By :
Date / Time : 9-30-25 1600

Received By :
Date / Time : 9/30/25 1600

Storage Area : VOA Refridgerator Room