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:	Q3725	**OrderDate:**	11/25/2025 4:38:51 PM
Client:	Roman E&G Corp	**Project:**	AQUA Woolwich Pump Station 22-531
Contact:	Sonny Puzzo	**Location:**	D41,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3725-04	**STOCKPILE-SAMPLES**	**SOIL**			**11/25/25**			**11/25/25**
			PESTICIDE NJCLEAN Group New	8081B		12/01/25	12/01/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3725 **Order ID:** Q3725

Client: Roman E&G Corp **Project ID:** AQUA Woolwich Pump Station 22-531

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**STOCKPILE-SAMPLES**							
Q3725-04	STOCKPILE-SAMPL	SOIL	Heptachlor	0.27	J	0.14	2.00	ug/kg
Q3725-04	STOCKPILE-SAMPL	SOIL	Dieldrin	0.63	JP	0.17	2.00	ug/kg
Q3725-04	STOCKPILE-SAMPL	SOIL	4,4-DDE	2.00		0.17	2.00	ug/kg
Q3725-04	STOCKPILE-SAMPL	SOIL	4,4-DDD	1.20	JP	0.18	2.00	ug/kg
Q3725-04	STOCKPILE-SAMPL	SOIL	4,4-DDT	2.40	P	0.17	2.00	ug/kg
Q3725-04	STOCKPILE-SAMPL	SOIL	alpha-Chlordane	3.30		0.14	2.00	ug/kg
Q3725-04	STOCKPILE-SAMPL	SOIL	gamma-Chlordane	2.80		0.18	2.00	ug/kg
			Total Concentration:	**12.600**				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3725

Client: Roman E&G Corp

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD091193.D	PIBLK-PD091193.D	Decachlorobiphen	1	20	20.8	104		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.5	98		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.1	100		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	20.0	100		30 (41)	150 (134)
I.BLK-PD091401.D	PIBLK-PD091401.D	Decachlorobiphen	1	20	19.2	96		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.6	103		30 (41)	150 (134)
		Decachlorobiphen	2	20	19.5	97		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	23.0	115		30 (41)	150 (134)
PB170762BL	PB170762BL	Decachlorobiphen	1	20	20.6	103		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	19.9	99		30 (10)	150 (131)
		Decachlorobiphen	2	20	21.0	105		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	22.3	111		30 (10)	150 (131)
PB170762BS	PB170762BS	Decachlorobiphen	1	20	19.0	95		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	18.6	93		30 (10)	150 (131)
		Decachlorobiphen	2	20	19.4	97		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	20.2	101		30 (10)	150 (131)
Q3725-04	STOCKPILE-SAMPLES	Decachlorobiphen	1	20	11.1	56		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	20.6	103		30 (10)	150 (131)
		Decachlorobiphen	2	20	11.5	58		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	20.3	102		30 (10)	150 (131)
Q3735-01MS	BU-3-112625MS	Decachlorobiphen	1	20	13.5	68		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	21.1	106		30 (10)	150 (131)
		Decachlorobiphen	2	20	13.2	66		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	22.5	113		30 (10)	150 (131)
Q3735-01MSD	BU-3-112625MSD	Decachlorobiphen	1	20	14.7	74		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	21.3	106		30 (10)	150 (131)
		Decachlorobiphen	2	20	11.0	55		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	22.8	114		30 (10)	150 (131)
I.BLK-PD091413.D	PIBLK-PD091413.D	Decachlorobiphen	1	20	19.0	95		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.6	103		30 (41)	150 (134)
		Decachlorobiphen	2	20	16.3	81		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	21.4	107		30 (41)	150 (134)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3725 **Analytical Method:** 8081B

Client: Roman E&G Corp **DataFile :** PD091411.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3735-01MS (Column 1)**	**Client Sample ID:**		**BU-3-112625MS**								
	alpha-BHC	19.48	0	17.0	ug/kg	87				30 (60)	150 (144)	
	beta-BHC	19.48	0	21.8	ug/kg	112				30 (54)	150 (143)	
	gamma-BHC (Lindane)	19.48	0	17.0	ug/kg	87				30 (39)	150 (136)	
	Heptachlor	19.48	0	15.7	ug/kg	81				30 (33)	150 (148)	
	Aldrin	19.48	0	17.3	ug/kg	89				30 (38)	150 (139)	
	Heptachlor epoxide	19.48	0	19.0	ug/kg	98				30 (23)	150 (155)	
	Endosulfan I	19.48	0	18.3	ug/kg	94				30 (30)	150 (142)	
	Dieldrin	19.48	0	16.6	ug/kg	85				30 (32)	150 (140)	
	4,4'-DDE	19.48	15	28.6	ug/kg	86				30 (20)	150 (156)	
	Endrin	19.48	0	17.8	ug/kg	91				30 (57)	150 (139)	
	Endosulfan II	19.48	0	17.9	ug/kg	92				30 (41)	150 (125)	
	4,4'-DDD	19.48	7.6	22.1	ug/kg	86				30 (47)	150 (163)	
	Endosulfan sulfate	19.48	0	16.0	ug/kg	82				30 (43)	150 (125)	
	4,4'-DDT	19.48	7.1	18.9	ug/kg	74				30 (25)	150 (149)	
	Methoxychlor	19.48	0	16.0	ug/kg	82				30 (32)	150 (132)	
	alpha-Chlordane	19.48	4.1	21.7	ug/kg	93				30 (26)	150 (147)	
	gamma-Chlordane	19.48	0	18.0	ug/kg	92				30 (30)	150 (142)	
Lab Sample ID:	**Q3735-01MS (Column 2)**	**Client Sample ID:**		**BU-3-112625MS**								
	alpha-BHC	19.48	0	21.3	ug/kg	109				30 (60)	150 (144)	
	beta-BHC	19.48	0	22.8	ug/kg	117				30 (54)	150 (143)	
	gamma-BHC (Lindane)	19.48	0	21.1	ug/kg	108				30 (39)	150 (136)	
	Heptachlor	19.48	0	18.3	ug/kg	94				30 (33)	150 (148)	
	Aldrin	19.48	0	21.2	ug/kg	109				30 (38)	150 (139)	
	Heptachlor epoxide	19.48	0	21.7	ug/kg	111				30 (23)	150 (155)	
	Endosulfan I	19.48	0	20.7	ug/kg	106				30 (30)	150 (142)	
	Dieldrin	19.48	0	20.9	ug/kg	107				30 (32)	150 (140)	
	4,4'-DDE	19.48	16.9	33.6	ug/kg	172				30 (20)	150 (156)	
	Endrin	19.48	0	22.8	ug/kg	117				30 (57)	150 (139)	
	Endosulfan II	19.48	0	18.8	ug/kg	97				30 (41)	150 (125)	
	4,4'-DDD	19.48	6.9	24.4	ug/kg	125				30 (47)	150 (163)	
	Endosulfan sulfate	19.48	0	16.4	ug/kg	84				30 (43)	150 (125)	
	4,4'-DDT	19.48	6.9	21.5	ug/kg	110				30 (25)	150 (149)	
	Methoxychlor	19.48	0	13.5	ug/kg	69				30 (32)	150 (132)	
	alpha-Chlordane	19.48	1.9	22.2	ug/kg	114				30 (26)	150 (147)	
	gamma-Chlordane	19.48	2.1	24.3	ug/kg	125				30 (30)	150 (142)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3725 **Analytical Method:** 8081B

Client: Roman E&G Corp **DataFile :** PD091412.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3735-01MSD (Column 1)**	**Client Sample ID:**		**BU-3-112625MSD**								
	alpha-BHC	19.46	0	17.0	ug/kg	87		0		30 (60)	150 (144)	30 (15)
	beta-BHC	19.46	0	21.5	ug/kg	110		2		30 (54)	150 (143)	30 (15)
	gamma-BHC (Lindane)	19.46	0	17.9	ug/kg	92		6		30 (39)	150 (136)	30 (30)
	Heptachlor	19.46	0	17.0	ug/kg	87		7		30 (33)	150 (148)	30 (20)
	Aldrin	19.46	0	17.6	ug/kg	90		1		30 (38)	150 (139)	30 (30)
	Heptachlor epoxide	19.46	0	19.8	ug/kg	102		4		30 (23)	150 (155)	30 (16)
	Endosulfan I	19.46	0	18.5	ug/kg	95		1		30 (30)	150 (142)	30 (15)
	Dieldrin	19.46	0	17.0	ug/kg	87		2		30 (32)	150 (140)	30 (20)
	4,4'-DDE	19.46	15	29.6	ug/kg	90		5		30 (20)	150 (156)	30 (16)
	Endrin	19.46	0	18.6	ug/kg	96		5		30 (57)	150 (139)	30 (16)
	Endosulfan II	19.46	0	17.8	ug/kg	91		1		30 (41)	150 (125)	30 (15)
	4,4'-DDD	19.46	7.6	22.9	ug/kg	88		2		30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	19.46	0	16.6	ug/kg	85		4		30 (43)	150 (125)	30 (15)
	4,4'-DDT	19.46	7.1	19.9	ug/kg	82		10		30 (25)	150 (149)	30 (15)
	Methoxychlor	19.46	0	16.0	ug/kg	82		0		30 (32)	150 (132)	30 (20)
	alpha-Chlordane	19.46	4.1	22.5	ug/kg	95		2		30 (26)	150 (147)	30 (20)
	gamma-Chlordane	19.46	0	18.3	ug/kg	94		2		30 (30)	150 (142)	30 (15)
Lab Sample ID:	**Q3735-01MSD (Column 2)**	**Client Sample ID:**		**BU-3-112625MSD**								
	alpha-BHC	19.46	0	21.2	ug/kg	109		0		30 (60)	150 (144)	30 (15)
	beta-BHC	19.46	0	22.5	ug/kg	116		1		30 (54)	150 (143)	30 (15)
	gamma-BHC (Lindane)	19.46	0	21.3	ug/kg	109		1		30 (39)	150 (136)	30 (30)
	Heptachlor	19.46	0	19.6	ug/kg	101		7		30 (33)	150 (148)	30 (20)
	Aldrin	19.46	0	21.4	ug/kg	110		1		30 (38)	150 (139)	30 (30)
	Heptachlor epoxide	19.46	0	21.9	ug/kg	113		2		30 (23)	150 (155)	30 (16)
	Endosulfan I	19.46	0	20.4	ug/kg	105		1		30 (30)	150 (142)	30 (15)
	Dieldrin	19.46	0	21.2	ug/kg	109		2		30 (32)	150 (140)	30 (20)
	4,4'-DDE	19.46	16.9	34.5	ug/kg	177		3		30 (20)	150 (156)	30 (16)
	Endrin	19.46	0	28.3	ug/kg	145		21		30 (57)	150 (139)	30 (16)
	Endosulfan II	19.46	0	19.2	ug/kg	99		2		30 (41)	150 (125)	30 (15)
	4,4'-DDD	19.46	6.9	24.7	ug/kg	127		2		30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	19.46	0	17.8	ug/kg	91		8		30 (43)	150 (125)	30 (15)
	4,4'-DDT	19.46	6.9	23.0	ug/kg	118		7		30 (25)	150 (149)	30 (15)
	Methoxychlor	19.46	0	15.3	ug/kg	79		14		30 (32)	150 (132)	30 (20)
	alpha-Chlordane	19.46	1.9	22.1	ug/kg	114		0		30 (26)	150 (147)	30 (20)
	gamma-Chlordane	19.46	2.1	24.2	ug/kg	124		1		30 (30)	150 (142)	30 (15)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3725 **Analytical Method:** 8081B

Client: Roman E&G Corp **Datafile :** PD091406.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170762BS (Column 1)	alpha-BHC	16.66	15.5	ug/kg	93				40 (84)	140 (123)	
	beta-BHC	16.66	15.2	ug/kg	91				40 (82)	140 (123)	
	gamma-BHC (Lindane)	16.66	15.6	ug/kg	94				40 (83)	140 (125)	
	Heptachlor	16.66	15.0	ug/kg	90				40 (83)	140 (122)	
	Aldrin	16.66	15.5	ug/kg	93				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	15.5	ug/kg	93				40 (83)	140 (120)	
	Endosulfan I	16.66	15.6	ug/kg	94				40 (81)	140 (124)	
	Dieldrin	16.66	15.8	ug/kg	95				40 (85)	140 (121)	
	4,4'-DDE	16.66	15.8	ug/kg	95				40 (81)	140 (123)	
	Endrin	16.66	14.5	ug/kg	87				40 (76)	140 (130)	
	Endosulfan II	16.66	15.5	ug/kg	93				40 (80)	140 (125)	
	4,4'-DDD	16.66	15.4	ug/kg	92				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	15.3	ug/kg	92				40 (81)	140 (122)	
	4,4'-DDT	16.66	14.9	ug/kg	89				40 (70)	140 (129)	
	Methoxychlor	16.66	13.8	ug/kg	83				40 (60)	140 (119)	
	alpha-Chlordane	16.66	14.9	ug/kg	89				40 (84)	140 (120)	
	gamma-Chlordane	16.66	15.9	ug/kg	95				40 (83)	140 (122)	
PB170762BS (Column 2)	alpha-BHC	16.66	16.6	ug/kg	100				40 (84)	140 (123)	
	beta-BHC	16.66	16.6	ug/kg	100				40 (82)	140 (123)	
	gamma-BHC (Lindane)	16.66	16.6	ug/kg	100				40 (83)	140 (125)	
	Heptachlor	16.66	16.1	ug/kg	97				40 (83)	140 (122)	
	Aldrin	16.66	16.9	ug/kg	101				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	16.9	ug/kg	101				40 (83)	140 (120)	
	Endosulfan I	16.66	17.1	ug/kg	103				40 (81)	140 (124)	
	Dieldrin	16.66	16.8	ug/kg	101				40 (85)	140 (121)	
	4,4'-DDE	16.66	16.9	ug/kg	101				40 (81)	140 (123)	
	Endrin	16.66	15.2	ug/kg	91				40 (76)	140 (130)	
	Endosulfan II	16.66	16.9	ug/kg	101				40 (80)	140 (125)	
	4,4'-DDD	16.66	16.3	ug/kg	98				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	16.7	ug/kg	100				40 (81)	140 (122)	
	4,4'-DDT	16.66	16.5	ug/kg	99				40 (70)	140 (129)	
	Methoxychlor	16.66	14.6	ug/kg	88				40 (60)	140 (119)	
	alpha-Chlordane	16.66	17.1	ug/kg	103				40 (84)	140 (120)	
	gamma-Chlordane	16.66	17.2	ug/kg	103				40 (83)	140 (122)	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170762BL

Lab Name: Alliance | Contract: ROMA02

Lab Code: ACE | SDG NO.: Q3725

Lab Sample ID: PB170762BL | Lab File ID: PD091405.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 12/01/2025

Date Analyzed (1): 12/01/2025 | Date Analyzed (2): 12/01/2025

Time Analyzed (1): 12:32 | Time Analyzed (2): 12:32

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

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
PB170762BS	PB170762BS	PD091406.D	12/01/2025	12/01/2025
STOCKPILE-SAMPLES	Q3725-04	PD091407.D	12/01/2025	12/01/2025
BU-3-112625MS	Q3735-01MS	PD091411.D	12/01/2025	12/01/2025
BU-3-112625MSD	Q3735-01MSD	PD091412.D	12/01/2025	12/01/2025

COMMENTS:

SAMPLE DATA

Raw Data: **PD091407.D**

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

Client:	Roman E&G Corp	Date Collected:	11/25/25
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	11/25/25
Client Sample ID:	STOCKPILE-SAMPLES	SDG No.:	Q3725
Lab Sample ID:	Q3725-04	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	83.4
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	PESTICIDE NJCLEAN Group New
Prep Method:	SW3541B Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.16	U	1	0.16	2.00	ug/kg	12/01/25 12:59	PB170762
319-85-7	beta-BHC	0.22	U	1	0.22	2.00	ug/kg	12/01/25 12:59	PB170762
58-89-9	gamma-BHC (Lindane)	0.17	U	1	0.17	2.00	ug/kg	12/01/25 12:59	PB170762
76-44-8	Heptachlor	0.27	J	1	0.14	2.00	ug/kg	12/01/25 12:59	PB170762
309-00-2	Aldrin	0.14	U	1	0.14	2.00	ug/kg	12/01/25 12:59	PB170762
1024-57-3	Heptachlor epoxide	0.23	U	1	0.23	2.00	ug/kg	12/01/25 12:59	PB170762
959-98-8	Endosulfan I	0.17	U	1	0.17	2.00	ug/kg	12/01/25 12:59	PB170762
60-57-1	Dieldrin	0.63	JP	1	0.17	2.00	ug/kg	12/01/25 12:59	PB170762
72-55-9	4,4-DDE	2.00		1	0.17	2.00	ug/kg	12/01/25 12:59	PB170762
72-20-8	Endrin	0.17	U	1	0.17	2.00	ug/kg	12/01/25 12:59	PB170762
33213-65-9	Endosulfan II	0.35	U	1	0.35	2.00	ug/kg	12/01/25 12:59	PB170762
72-54-8	4,4-DDD	1.20	JP	1	0.18	2.00	ug/kg	12/01/25 12:59	PB170762
1031-07-8	Endosulfan Sulfate	0.16	U	1	0.16	2.00	ug/kg	12/01/25 12:59	PB170762
50-29-3	4,4-DDT	2.40	P	1	0.17	2.00	ug/kg	12/01/25 12:59	PB170762
72-43-5	Methoxychlor	0.44	U	1	0.44	2.00	ug/kg	12/01/25 12:59	PB170762
5103-71-9	alpha-Chlordane	3.30		1	0.14	2.00	ug/kg	12/01/25 12:59	PB170762
5103-74-2	gamma-Chlordane	2.80		1	0.18	2.00	ug/kg	12/01/25 12:59	PB170762
8001-35-2	Toxaphene	6.50	U	1	6.50	39.5	ug/kg	12/01/25 12:59	PB170762
SURROGATES									
2051-24-3	Decachlorobiphenyl	11.5			30 (10) - 150 (143)	58%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.6			30 (10) - 150 (131)	103%	SPK: 20		

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: **PD091407.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 12:59
Operator : AR\AJ
Sample : Q3725-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
STOCKPILE-SAMPLES

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:12:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.540	2.872	70986467	743.5E6	20.584m	20.298
28)	SA Decachlor...	9.058	8.053	55322114	456.3E6	11.105m	11.530m
	Target Compounds						
4)	MA Heptachlor	4.922	4.070	3475345	37376315	0.485m	0.677 #
7)	B delta-BHC	4.766	4.255	12030545	28347974	1.619m	0.485m#
10)	B gamma-Chl...	5.935	5.111	37459767	381.1E6	5.762	6.976
11)	B alpha-Chl...	6.018	5.175	57482208	385.5E6	8.352	7.367
12)	B 4,4'-DDE	6.182	5.360	29218237	273.9E6	5.038m	5.125
13)	MA Dieldrin	6.334	5.496	6737156	85731608	1.042m	1.579m#
16)	A 4,4'-DDD	6.692	5.914	14788004	97471519	3.011m	1.995m#
17)	MA 4,4'-DDT	7.008	6.168	14383761	233.4E6	3.478m	5.966 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 12:59
Operator : AR\AJ
Sample : Q3725-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

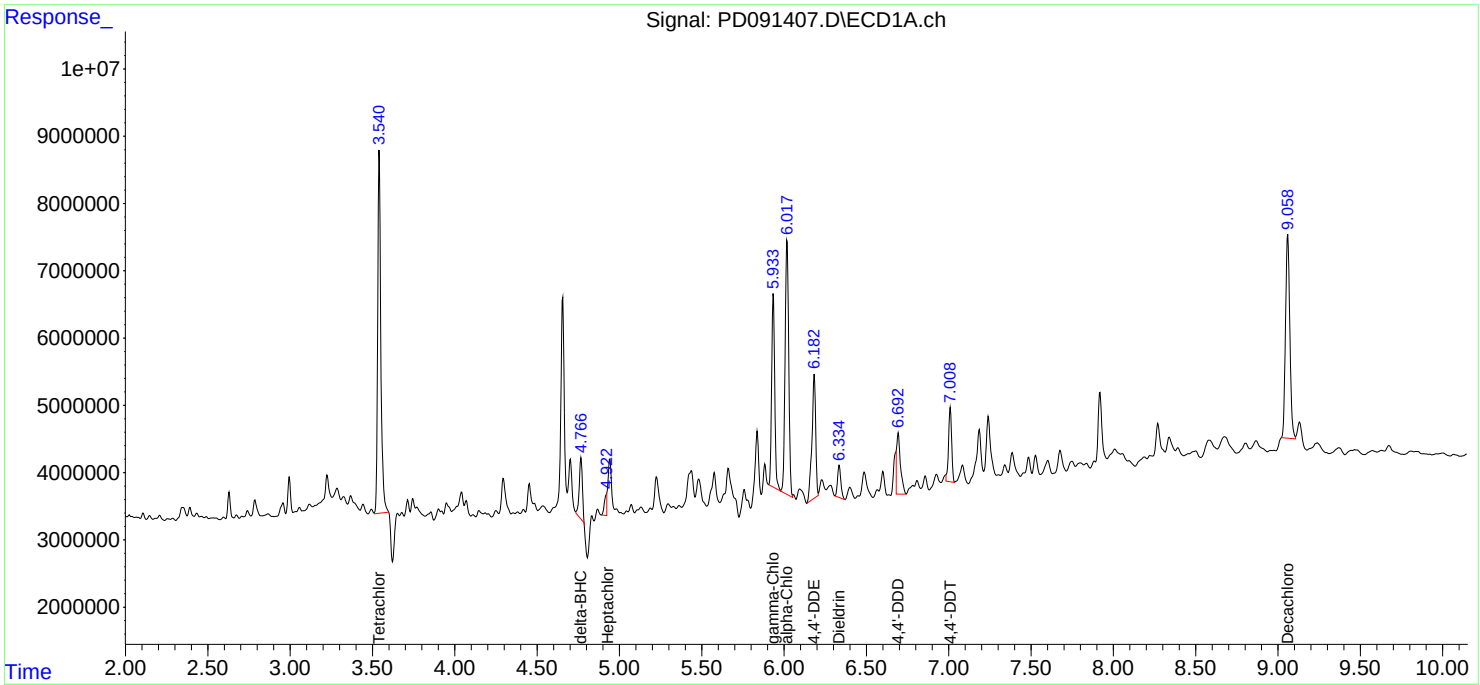
Instrument :
ECD_D
ClientSampleId :
STOCKPILE-SAMPLES

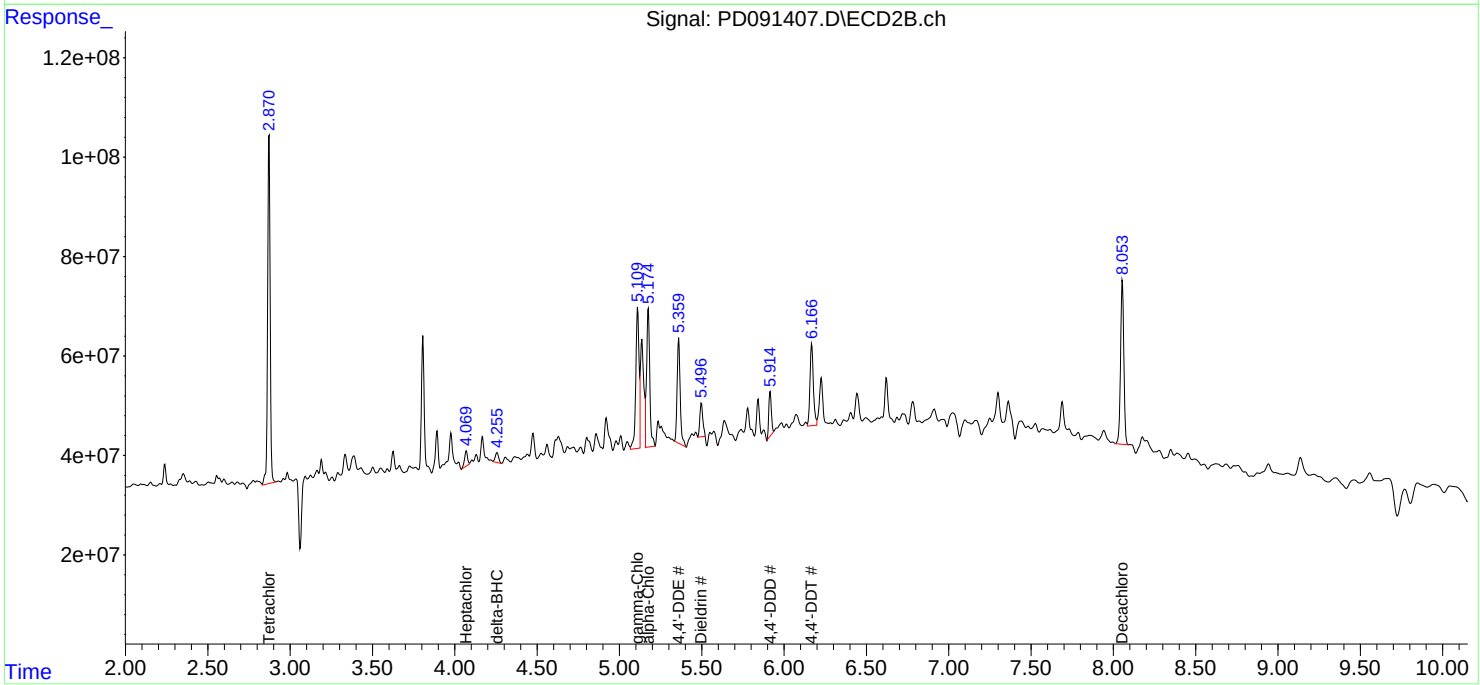
Manual Integrations APPROVED

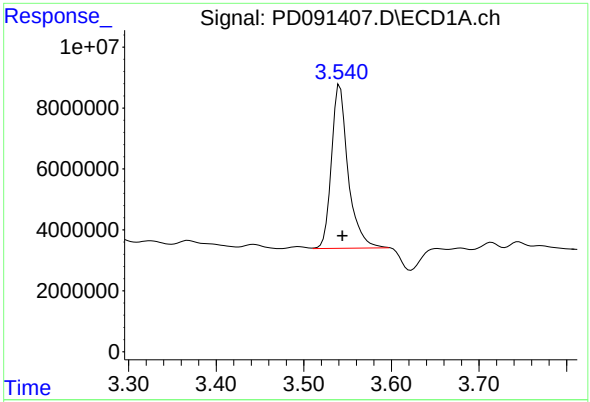
Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:12:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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







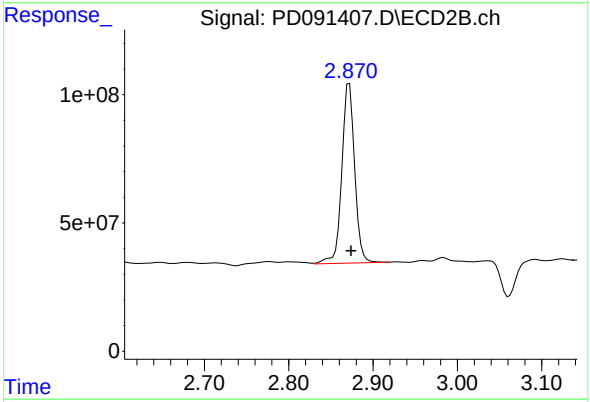
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 70986467
Conc: 20.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCKPILE-SAMPLES

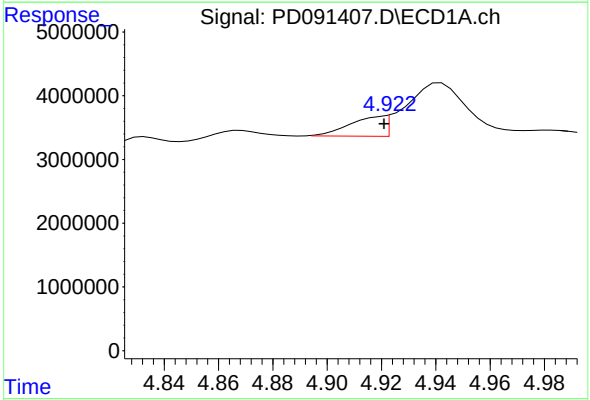
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



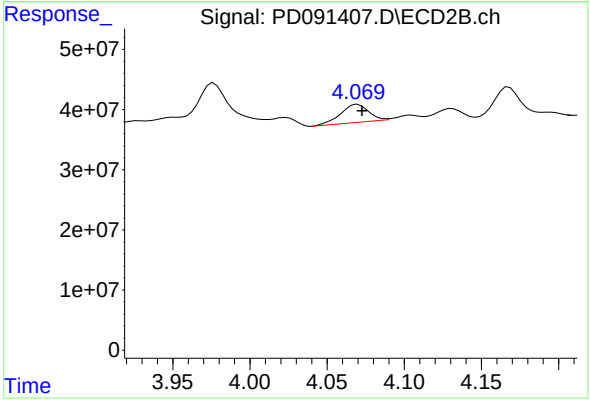
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 743506410
Conc: 20.30 ng/ml



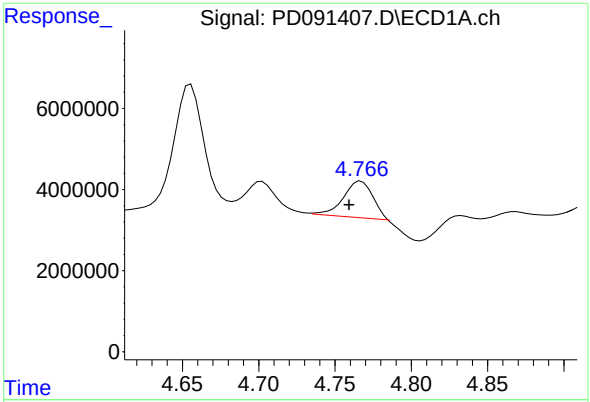
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.001 min
Response: 3475345
Conc: 0.49 ng/ml m



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 37376315
Conc: 0.68 ng/ml



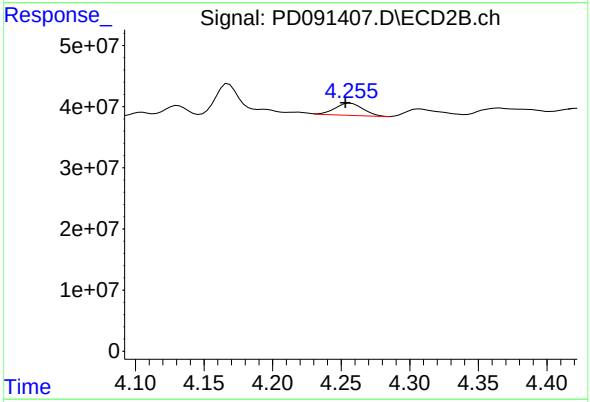
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.006 min
Response: 12030545
Conc: 1.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCKPILE-SAMPLES

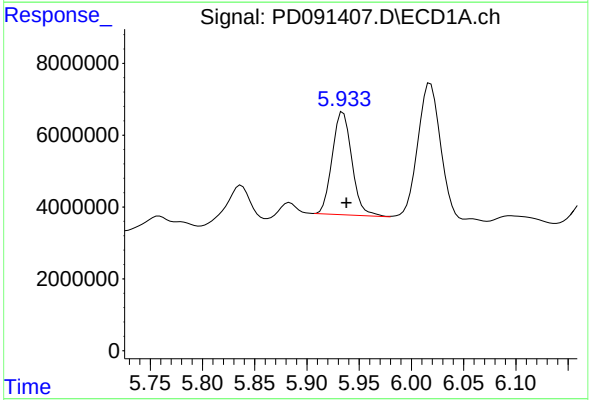
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



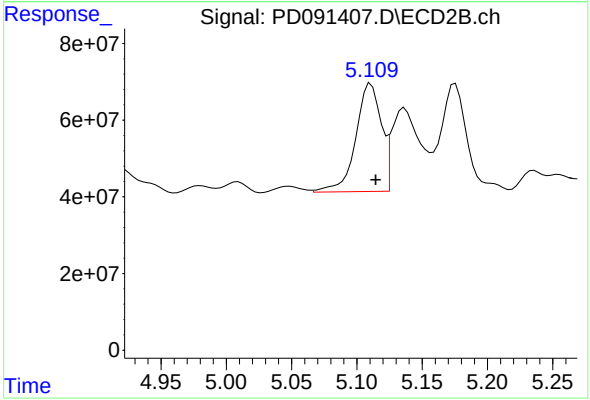
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.002 min
Response: 28347974
Conc: 0.48 ng/ml m



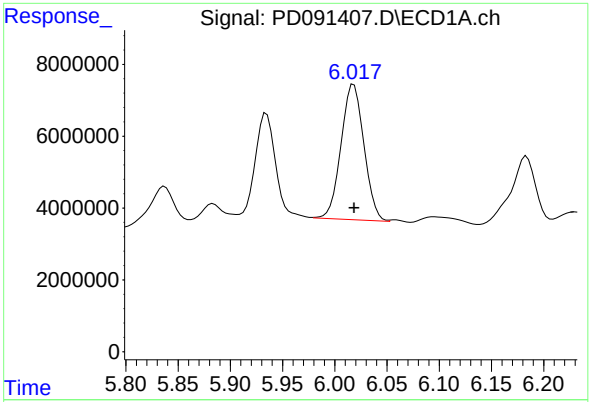
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 37459767
Conc: 5.76 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 381076597
Conc: 6.98 ng/ml



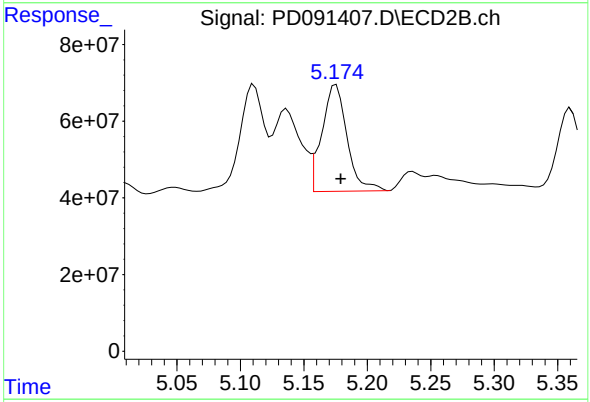
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 57482208
Conc: 8.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCKPILE-SAMPLES

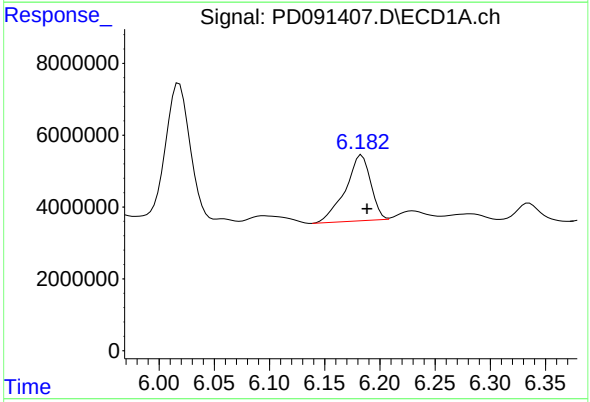
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



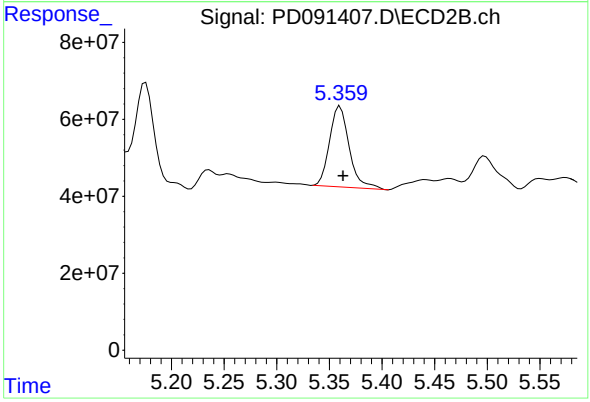
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: -0.003 min
Response: 385514198
Conc: 7.37 ng/ml



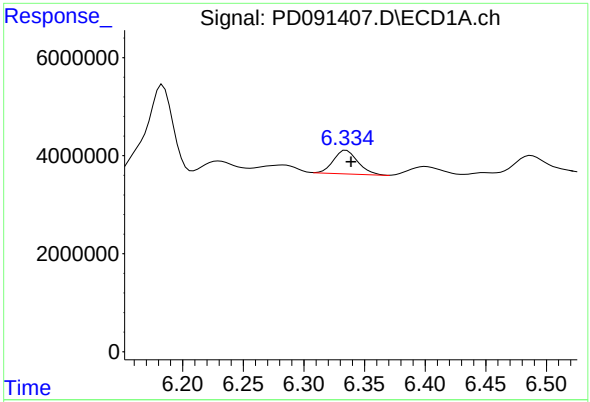
#12 4,4'-DDE

R.T.: 6.182 min
Delta R.T.: -0.006 min
Response: 29218237
Conc: 5.04 ng/ml m



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 273866855
Conc: 5.12 ng/ml



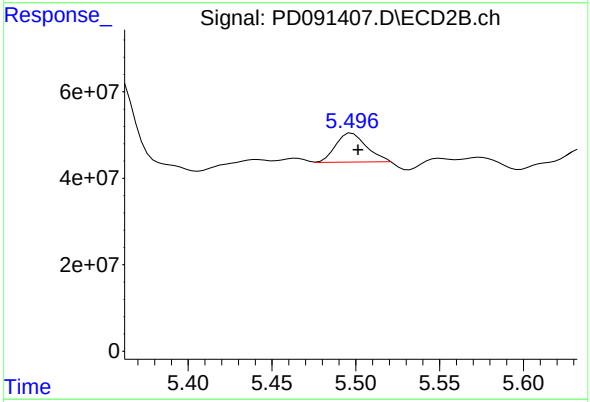
#13 Dieldrin

R.T.: 6.334 min
Delta R.T.: -0.005 min
Response: 6737156
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCKPILE-SAMPLES

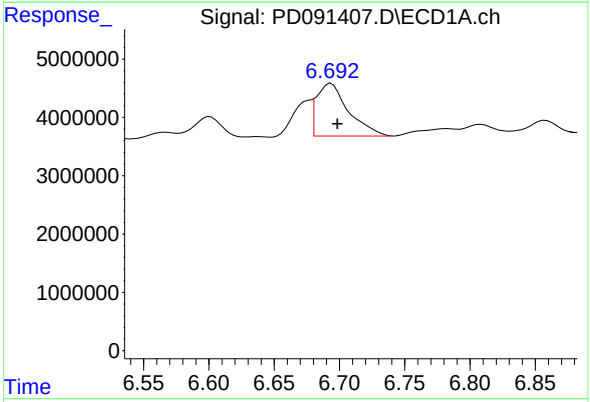
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



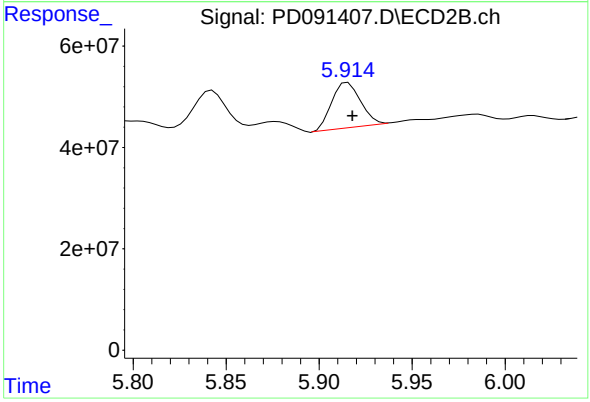
#13 Dieldrin

R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 85731608
Conc: 1.58 ng/ml m



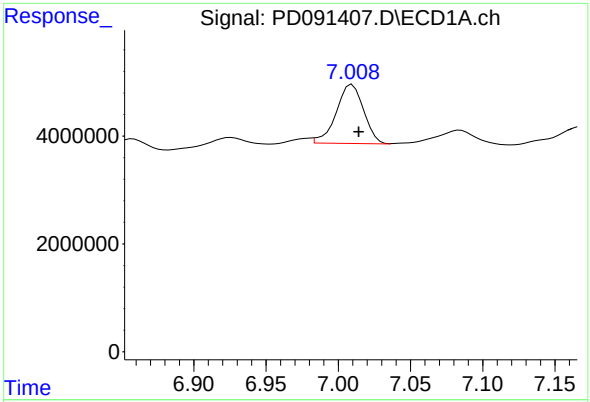
#16 4,4'-DDD

R.T.: 6.692 min
Delta R.T.: -0.006 min
Response: 14788004
Conc: 3.01 ng/ml m



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: -0.004 min
Response: 97471519
Conc: 1.99 ng/ml m



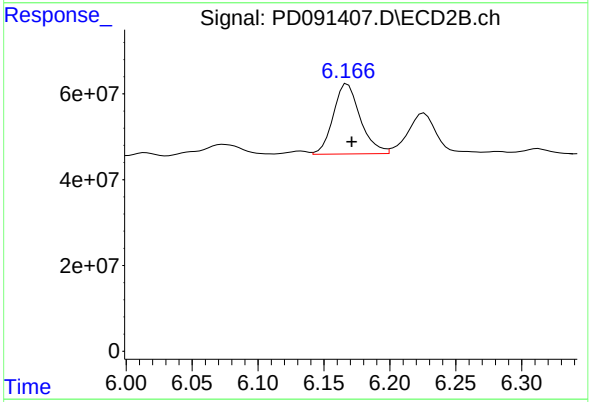
#17 4,4'-DDT

R.T.: 7.008 min
Delta R.T.: -0.006 min
Response: 14383761
Conc: 3.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCKPILE-SAMPLES

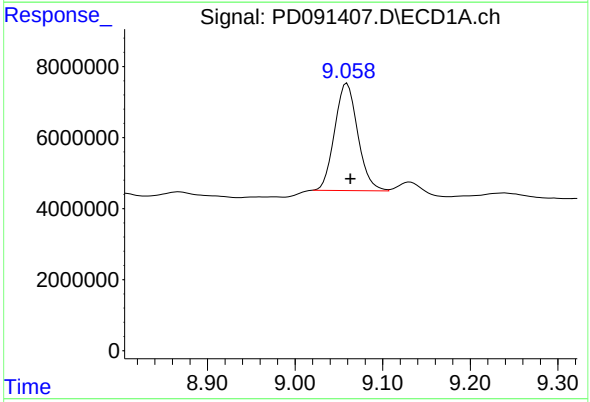
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025



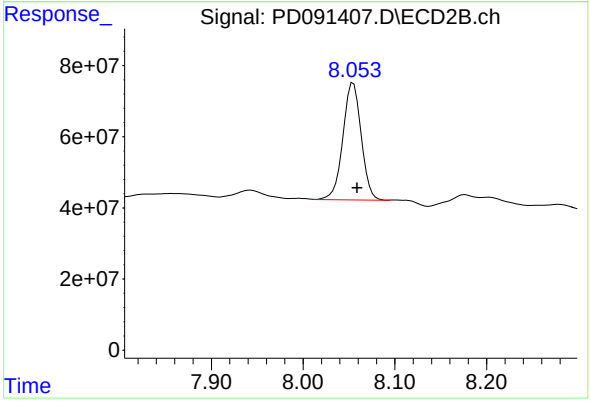
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 233448379
Conc: 5.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.005 min
Response: 55322114
Conc: 11.10 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.053 min
Delta R.T.: -0.005 min
Response: 456299449
Conc: 11.53 ng/ml m

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: ROMA02
SDG NO.: Q3725
Calibration Date(s): 11/14/2025 11/14/2025
Calibration Times: 20:56 21:51

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

LAB FILE ID: RT 100 = PD091196.D RT 075 = PD091197.D
RT 050 = PD091198.D RT 025 = PD091199.D RT 005 = PD091200.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.01	7.02	7.01	7.02	7.01	7.01	6.91	7.11
Aldrin	5.26	5.26	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.51	4.51	4.51	4.51	4.51	4.51	4.41	4.61
Decachlorobiphenyl	9.06	9.06	9.06	9.07	9.06	9.06	8.96	9.16
Dieldrin	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endosulfan sulfate	7.14	7.14	7.14	7.14	7.14	7.14	7.04	7.24
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
gamma-BHC (Lindane)	4.32	4.32	4.32	4.32	4.32	4.32	4.22	4.42
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.54	3.54	3.54	3.54	3.54	3.44	3.64

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: ROMA02
SDG NO.: Q3725
Calibration Date(s): 11/14/2025 11/14/2025
Calibration Times: 20:56 21:51

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

LAB FILE ID: RT 100 = PD091196.D RT 075 = PD091197.D
RT 050 = PD091198.D RT 025 = PD091199.D RT 005 = PD091200.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
4,4'-DDT	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Aldrin	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
alpha-BHC	3.39	3.39	3.39	3.39	3.39	3.39	3.29	3.49
alpha-Chlordane	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
beta-BHC	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
Dieldrin	5.50	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Endosulfan I	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
Endosulfan II	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan sulfate	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
gamma-Chlordane	5.11	5.11	5.11	5.12	5.11	5.11	5.01	5.21
Heptachlor	4.07	4.07	4.07	4.07	4.07	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.86	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.74	6.74	6.74	6.74	6.74	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.87	2.87	2.87	2.87	2.87	2.77	2.97

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ROMA02
SDG NO.: Q3725
Calibration Date(s): 11/14/2025 11/14/2025
Calibration Times: 20:56 21:51

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

LAB FILE ID: **CF 100 =** PD091196.D **CF 075 =** PD091197.D
CF 050 = PD091198.D **CF 025 =** PD091199.D **CF 005 =** PD091200.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4592720000	4750410000	4706670000	4762630000	5745110000	4911510000	10
4,4'-DDE	5537410000	5724420000	5594750000	5596930000	6543500000	5799400000	7
4,4'-DDT	4033900000	4103640000	4023370000	3973800000	4542840000	4135510000	6
Aldrin	6913630000	7108360000	6994820000	7033330000	8231840000	7256400000	8
alpha-BHC	7991490000	8120730000	7870330000	7613270000	8381750000	7995510000	4
alpha-Chlordane	6168980000	6320470000	6262210000	6530520000	9131880000	6882810000	18
beta-BHC	2584470000	2701070000	2721620000	2850470000	3669860000	2905500000	15
Decachlorobiphenyl	4266550000	4520270000	4633000000	4951710000	6537810000	4981870000	18
Dieldrin	6112350000	6323390000	6220240000	6264150000	7404460000	6464920000	8
Endosulfan I	5622190000	5847020000	5809210000	5991120000	7445430000	6142990000	12
Endosulfan II	5022110000	5221970000	5253890000	5419940000	6878740000	5559330000	14
Endosulfan sulfate	4635330000	4824080000	4867360000	5023730000	6373440000	5144790000	14
Endrin	4763010000	4861760000	4775160000	4762720000	5654790000	4963490000	8
gamma-BHC (Lindane)	7349570000	7492470000	7318000000	7162850000	8041460000	7472870000	5
gamma-Chlordane	6123460000	6343120000	6211230000	6313670000	7512390000	6500770000	9
Heptachlor	6873030000	7051630000	6922840000	6902860000	8058350000	7161740000	7
Heptachlor epoxide	6045880000	6198590000	6197710000	6327850000	7713630000	6496730000	11
Methoxychlor	1967810000	2033910000	2048060000	2143440000	2678460000	2174340000	13
Tetrachloro-m-xylene	3100550000	3224630000	3262160000	3454950000	4200860000	3448630000	13

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ROMA02
SDG NO.: Q3725
Calibration Date(s): 11/14/2025 11/14/2025
Calibration Times: 20:56 21:51

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

LAB FILE ID: **CF 100 =** PD091196.D **CF 075 =** PD091197.D
CF 050 = PD091198.D **CF 025 =** PD091199.D **CF 005 =** PD091200.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	42169800000	44652200000	46098100000	48914200000	62508300000	48868500000	16
4,4'-DDE	46784900000	49153600000	50413800000	53041500000	67816900000	53442100000	16
4,4'-DDT	36565400000	37844700000	38225900000	38748200000	44278500000	39132500000	8
Aldrin	49756900000	52224800000	53642000000	56183400000	70485000000	56458400000	14
alpha-BHC	57081100000	59401300000	60005600000	62092800000	77433200000	63202800000	13
alpha-Chlordane	46162300000	48496400000	49694800000	52042000000	65261400000	52331400000	14
beta-BHC	20855800000	21963600000	22629700000	23880400000	30805800000	24027100000	16
Decachlorobiphenyl	35391500000	36530600000	37125400000	38755300000	50071600000	39574900000	15
Dieldrin	47342900000	49974500000	51581700000	54390600000	68265900000	54311100000	15
Endosulfan I	41219300000	43810000000	45334200000	48114600000	60781000000	47851800000	16
Endosulfan II	40233600000	42630400000	44155200000	46739900000	59639900000	46679800000	16
Endosulfan sulfate	38807500000	40991800000	42555300000	44718700000	57101400000	44834900000	16
Endrin	39723100000	41747800000	43010100000	44994600000	56487600000	45192700000	15
gamma-BHC (Lindane)	52036700000	54159800000	54955200000	56993600000	70961400000	57821300000	13
gamma-Chlordane	48541600000	50822000000	51970500000	54222400000	67580500000	54627400000	14
Heptachlor	48452800000	51096600000	52341200000	55061200000	69095300000	55209400000	15
Heptachlor epoxide	43794700000	46344600000	48042100000	50883900000	65728100000	50958700000	17
Methoxychlor	17875100000	18763500000	19368600000	20213700000	24036200000	20051400000	12
Tetrachloro-m-xylene	32274400000	33875900000	34577100000	36418900000	46004800000	36630200000	15

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:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Instrument ID: ECD_D **Date(s) Analyzed:** 11/14/2025 11/14/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.23	6.13	6.33	42812100
		2	6.44	6.34	6.54	68979500
		3	7.14	7.04	7.24	112624000
		4	7.56	7.46	7.66	130712000
		5	7.92	7.82	8.02	79291700

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:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Instrument ID: ECD_D **Date(s) Analyzed:** 11/14/2025 11/14/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.46	5.36	5.56	348471000
		2	5.64	5.54	5.74	231072000
		3	6.74	6.64	6.84	1091020000
		4	7.19	7.09	7.29	705058000
		5	7.32	7.22	7.42	442502000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:56
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:13:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.544	2.874	310.1E6	3227.4E6	95.046	93.341
28) SA	Decachlor...	9.063	8.059	426.7E6	3539.1E6	92.090	95.330
	Target Compounds						
2) A	alpha-BHC	3.993	3.385	799.1E6	5708.1E6	101.539	95.126
3) MA	gamma-BHC...	4.324	3.721	735.0E6	5203.7E6	100.431	94.689
4) MA	Heptachlor	4.921	4.073	687.3E6	4845.3E6	99.281	92.571
5) MB	Aldrin	5.262	4.358	691.4E6	4975.7E6	98.839	92.757
6) B	beta-BHC	4.511	4.017	258.4E6	2085.6E6	94.961	92.161
7) B	delta-BHC	4.759	4.253	734.3E6	5195.2E6	100.875	93.888
8) B	Heptachlo...	5.683	4.862	604.6E6	4379.5E6	97.550	91.159
9) A	Endosulfan I	6.066	5.236	562.2E6	4121.9E6	96.781	90.923
10) B	gamma-Chl...	5.938	5.114	612.3E6	4854.2E6	98.587	93.402
11) B	alpha-Chl...	6.019	5.179	616.9E6	4616.2E6	98.511	92.892
12) B	4,4'-DDE	6.189	5.363	553.7E6	4678.5E6	98.975	92.802
13) MA	Dieldrin	6.339	5.501	611.2E6	4734.3E6	98.265	91.782
14) MA	Endrin	6.566	5.778	476.3E6	3972.3E6	99.746	92.358
15) B	Endosulfa...	6.779	6.069	502.2E6	4023.4E6	95.589	91.118
16) A	4,4'-DDD	6.699	5.918	459.3E6	4217.0E6	97.579	91.478
17) MA	4,4'-DDT	7.014	6.171	403.4E6	3656.5E6	100.262	95.656
18) B	Endrin al...	6.908	6.248	364.3E6	2990.5E6	93.829	90.185
19) B	Endosulfa...	7.143	6.471	463.5E6	3880.7E6	95.233	91.193
20) A	Methoxychlor	7.487	6.742	196.8E6	1787.5E6	96.081	92.289
21) B	Endrin ke...	7.624	6.980	513.1E6	4374.3E6	96.367	90.729
22)	Mirex	8.106	7.172	302.9E6	2859.2E6	92.228	91.815

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

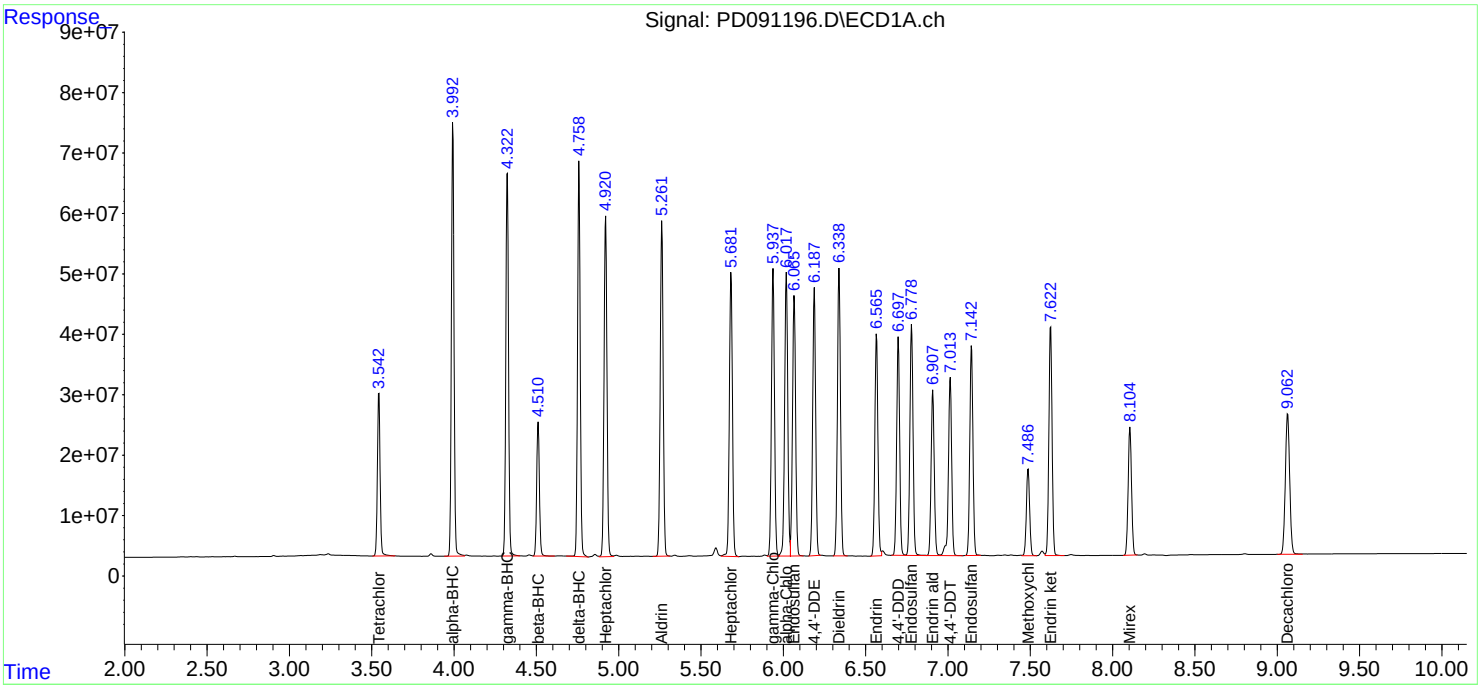
ICAL Form

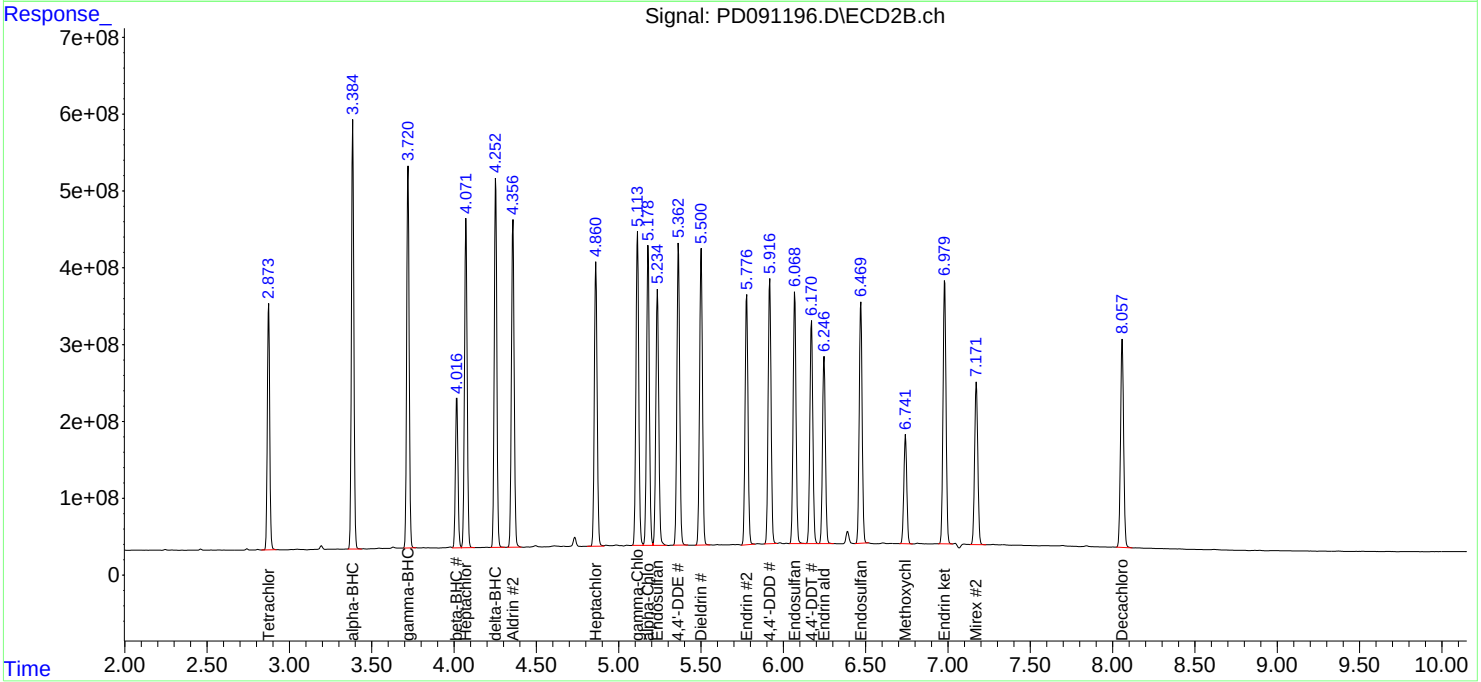
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:56
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:13:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 21:10
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:14:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	241.8E6	2540.7E6	74.137	73.479
28)	SA Decachlor...	9.064	8.059	339.0E6	2739.8E6	73.175	73.798
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	609.1E6	4455.1E6	77.386	74.245
3)	MA gamma-BHC...	4.324	3.721	561.9E6	4062.0E6	76.788	73.915
4)	MA Heptachlor	4.921	4.073	528.9E6	3832.2E6	76.395	73.217
5)	MB Aldrin	5.263	4.358	533.1E6	3916.9E6	76.217	73.019
6)	B beta-BHC	4.511	4.017	202.6E6	1647.3E6	74.433	72.793
7)	B delta-BHC	4.760	4.253	560.8E6	4089.0E6	77.046	73.898
8)	B Heptachlo...	5.683	4.862	464.9E6	3475.8E6	75.011	72.350
9)	A Endosulfan I	6.067	5.236	438.5E6	3285.7E6	75.488	72.478
10)	B gamma-Chl...	5.939	5.114	475.7E6	3811.6E6	76.593	73.343
11)	B alpha-Chl...	6.019	5.179	474.0E6	3637.2E6	75.698	73.191
12)	B 4,4'-DDE	6.189	5.364	429.3E6	3686.5E6	76.738	73.125
13)	MA Dieldrin	6.339	5.501	474.3E6	3748.1E6	76.244	72.663
14)	MA Endrin	6.567	5.778	364.6E6	3131.1E6	76.360	72.799
15)	B Endosulfa...	6.780	6.070	391.6E6	3197.3E6	74.544	72.410
16)	A 4,4'-DDD	6.699	5.918	356.3E6	3348.9E6	75.697	72.648
17)	MA 4,4'-DDT	7.015	6.172	307.8E6	2838.4E6	76.496	74.252
18)	B Endrin al...	6.909	6.248	286.5E6	2380.4E6	73.801	71.786
19)	B Endosulfa...	7.144	6.472	361.8E6	3074.4E6	74.333	72.245
20)	A Methoxychlor	7.488	6.742	152.5E6	1407.3E6	74.482	72.657
21)	B Endrin ke...	7.625	6.980	398.8E6	3478.6E6	74.898	72.150
22)	Mirex	8.107	7.173	239.3E6	2256.0E6	72.881	72.445

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

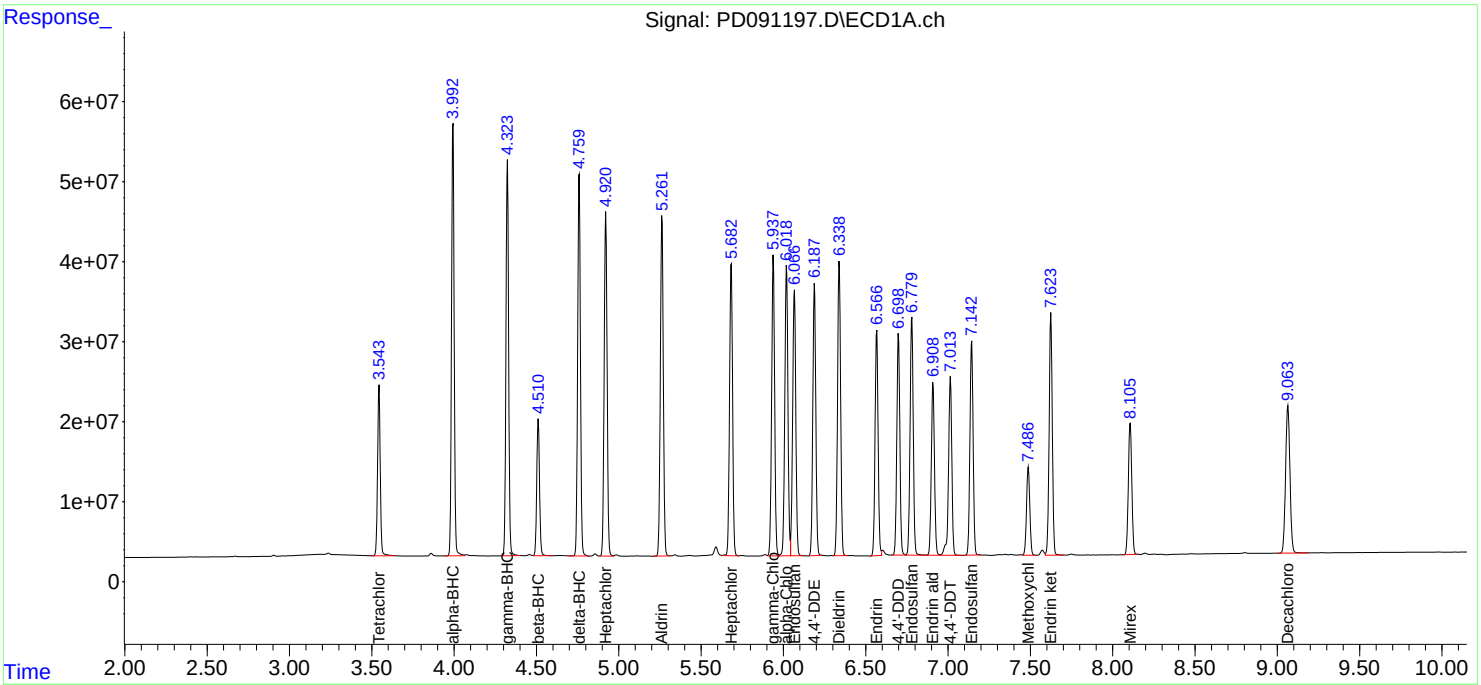
ICAL Form

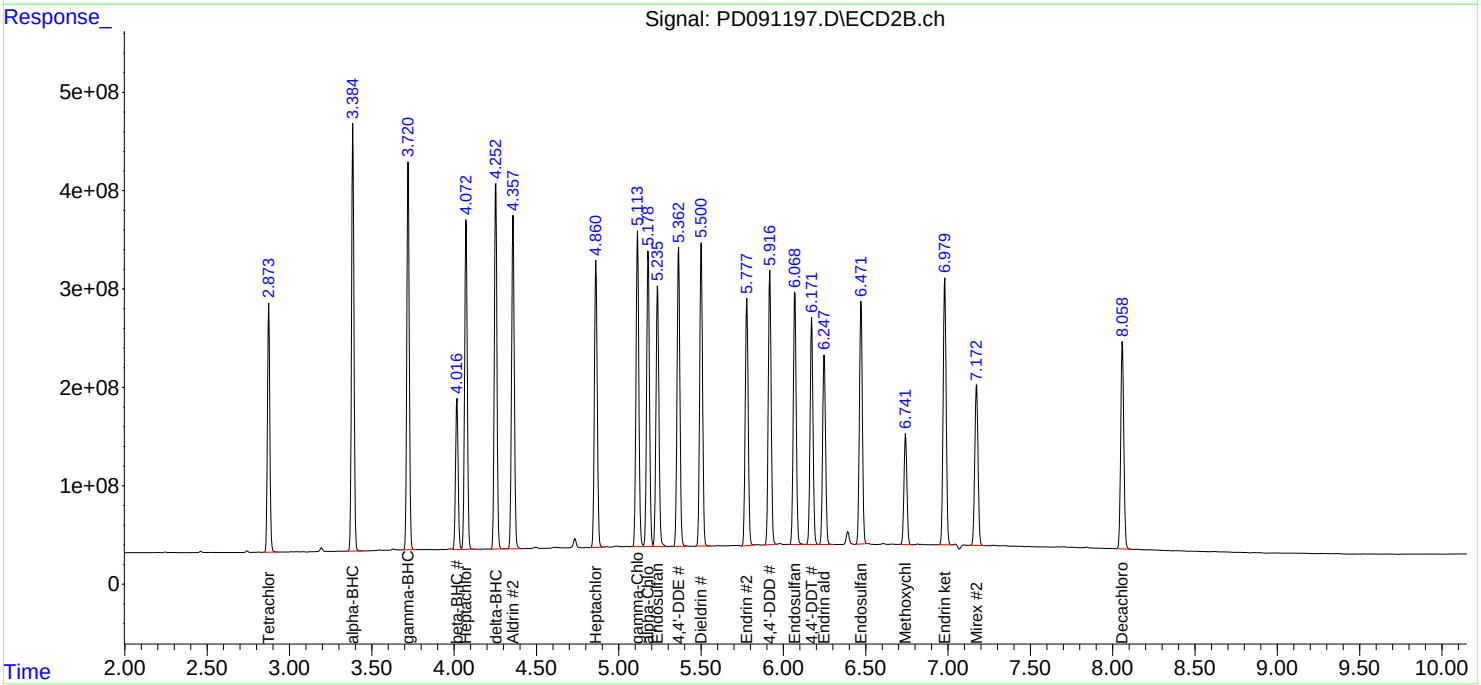
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 21:10
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:14:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 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 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 21:24
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:14:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	163.1E6	1728.9E6	50.000	50.000
28)	SA Decachlor...	9.063	8.058	231.7E6	1856.3E6	50.000	50.000
	Target Compounds						
2)	A alpha-BHC	3.993	3.386	393.5E6	3000.3E6	50.000	50.000
3)	MA gamma-BHC...	4.324	3.721	365.9E6	2747.8E6	50.000	50.000
4)	MA Heptachlor	4.921	4.073	346.1E6	2617.1E6	50.000	50.000
5)	MB Aldrin	5.263	4.358	349.7E6	2682.1E6	50.000	50.000
6)	B beta-BHC	4.511	4.018	136.1E6	1131.5E6	50.000	50.000
7)	B delta-BHC	4.760	4.253	364.0E6	2766.7E6	50.000	50.000
8)	B Heptachlo...	5.682	4.862	309.9E6	2402.1E6	50.000	50.000
9)	A Endosulfan I	6.066	5.235	290.5E6	2266.7E6	50.000	50.000
10)	B gamma-Chl...	5.938	5.114	310.6E6	2598.5E6	50.000	50.000
11)	B alpha-Chl...	6.019	5.179	313.1E6	2484.7E6	50.000	50.000
12)	B 4,4'-DDE	6.189	5.363	279.7E6	2520.7E6	50.000	50.000
13)	MA Dieldrin	6.339	5.501	311.0E6	2579.1E6	50.000	50.000
14)	MA Endrin	6.566	5.778	238.8E6	2150.5E6	50.000	50.000
15)	B Endosulfa...	6.779	6.069	262.7E6	2207.8E6	50.000	50.000
16)	A 4,4'-DDD	6.699	5.917	235.3E6	2304.9E6	50.000	50.000
17)	MA 4,4'-DDT	7.014	6.171	201.2E6	1911.3E6	50.000	50.000
18)	B Endrin al...	6.908	6.248	194.1E6	1658.0E6	50.000	50.000
19)	B Endosulfa...	7.143	6.471	243.4E6	2127.8E6	50.000	50.000
20)	A Methoxychlor	7.487	6.741	102.4E6	968.4E6	50.000	50.000
21)	B Endrin ke...	7.624	6.980	266.2E6	2410.7E6	50.000	50.000
22)	Mirex	8.106	7.173	164.2E6	1557.0E6	50.000	50.000

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

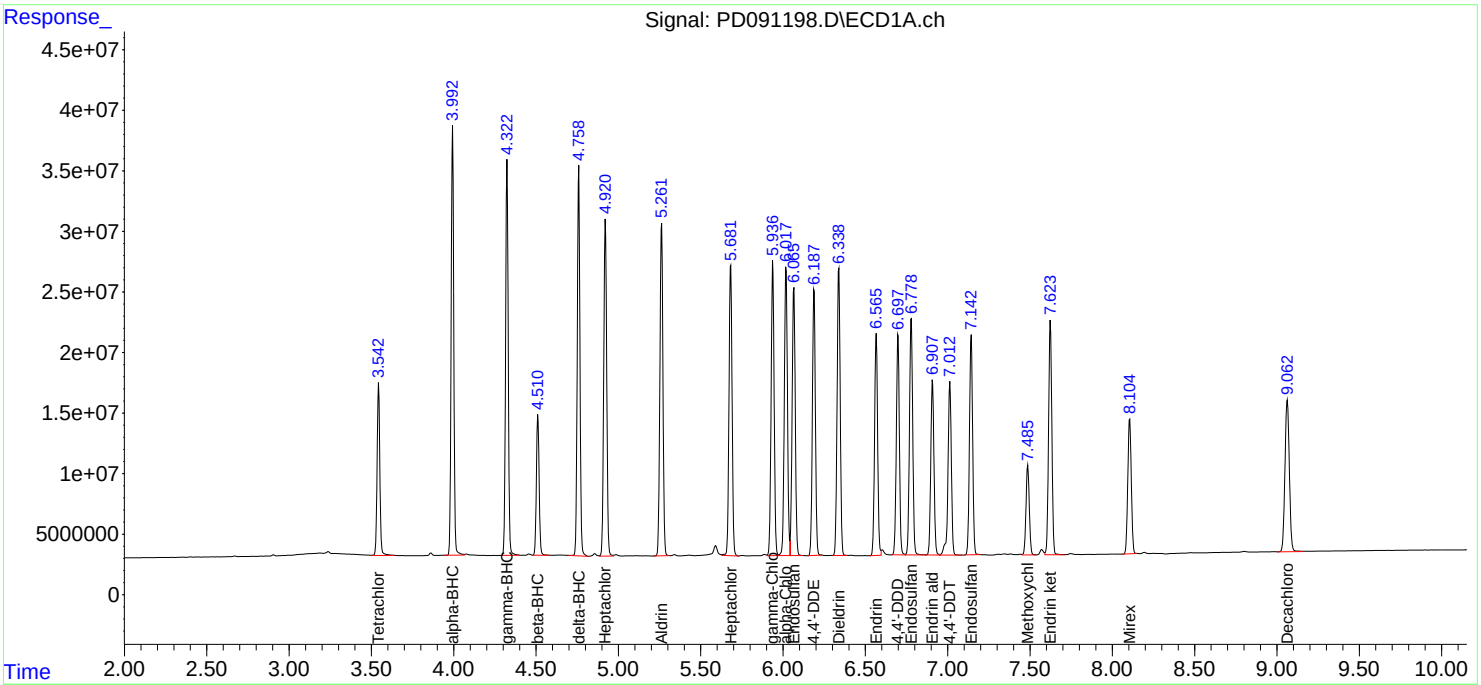
ICAL Form

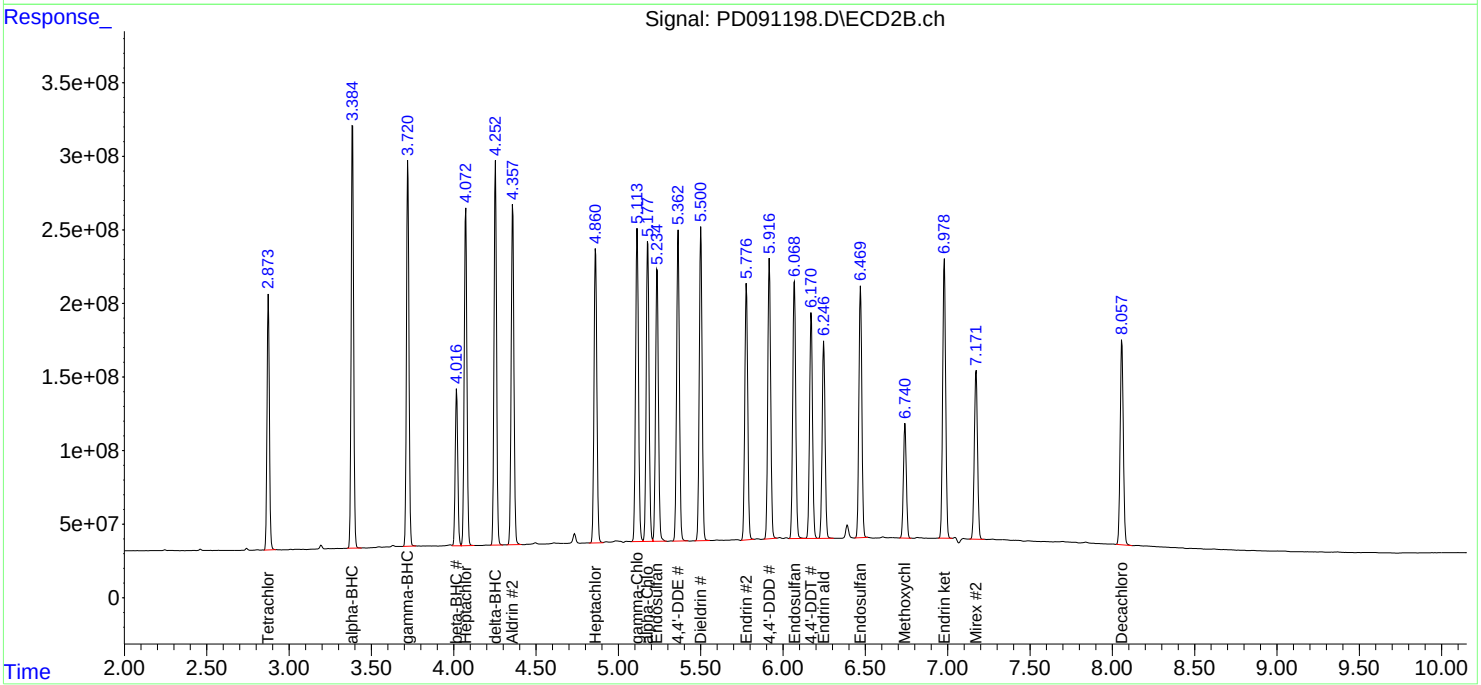
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 21:24
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:14:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 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 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 21:37
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:15:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	86373657	910.5E6	26.477	26.332
28)	SA Decachlor...	9.065	8.060	123.8E6	968.9E6	26.720	26.098
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	190.3E6	1552.3E6	24.183	25.870
3)	MA gamma-BHC...	4.324	3.721	179.1E6	1424.8E6	24.470	25.927
4)	MA Heptachlor	4.921	4.073	172.6E6	1376.5E6	24.928	26.299
5)	MB Aldrin	5.263	4.358	175.8E6	1404.6E6	25.138	26.184
6)	B beta-BHC	4.511	4.018	71261837	597.0E6	26.184	26.382
7)	B delta-BHC	4.759	4.253	177.1E6	1438.1E6	24.324	25.989
8)	B Heptachlo...	5.683	4.862	158.2E6	1272.1E6	25.525	26.479
9)	A Endosulfan I	6.066	5.236	149.8E6	1202.9E6	25.783	26.533
10)	B gamma-Chl...	5.938	5.115	157.8E6	1355.6E6	25.412	26.083
11)	B alpha-Chl...	6.019	5.179	163.3E6	1301.1E6	26.071	26.181
12)	B 4,4'-DDE	6.189	5.363	139.9E6	1326.0E6	25.010	26.303
13)	MA Dieldrin	6.340	5.502	156.6E6	1359.8E6	25.176	26.361
14)	MA Endrin	6.567	5.778	119.1E6	1124.9E6	24.935	26.153
15)	B Endosulfa...	6.780	6.070	135.5E6	1168.5E6	25.790	26.463
16)	A 4,4'-DDD	6.699	5.918	119.1E6	1222.9E6	25.297	26.527
17)	MA 4,4'-DDT	7.015	6.172	99345097	968.7E6	24.692	25.342
18)	B Endrin al...	6.909	6.248	102.2E6	882.3E6	26.325	26.609
19)	B Endosulfa...	7.144	6.472	125.6E6	1118.0E6	25.803	26.271
20)	A Methoxychlor	7.488	6.743	53585924	505.3E6	26.164	26.091
21)	B Endrin ke...	7.624	6.981	137.7E6	1278.6E6	25.857	26.519
22)	Mirex	8.106	7.173	88650675	829.2E6	26.994	26.629

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

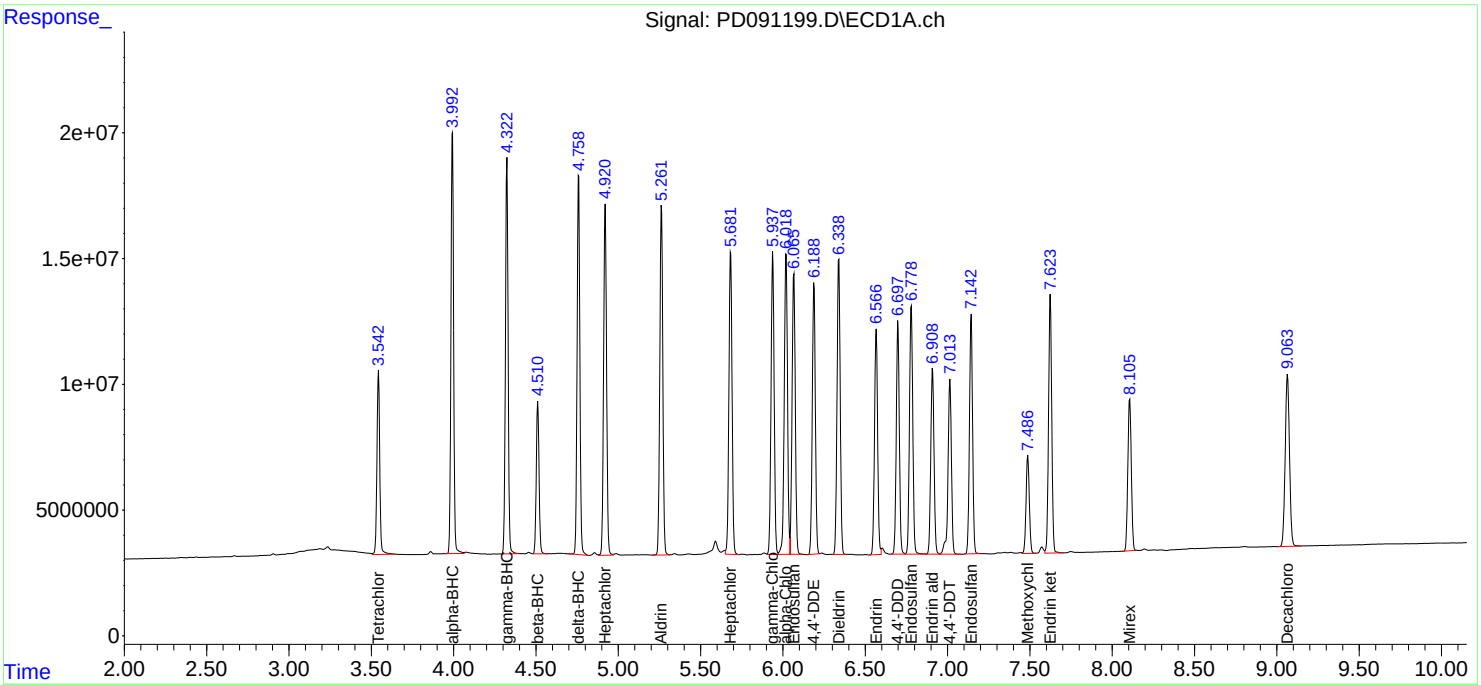
ICAL Form

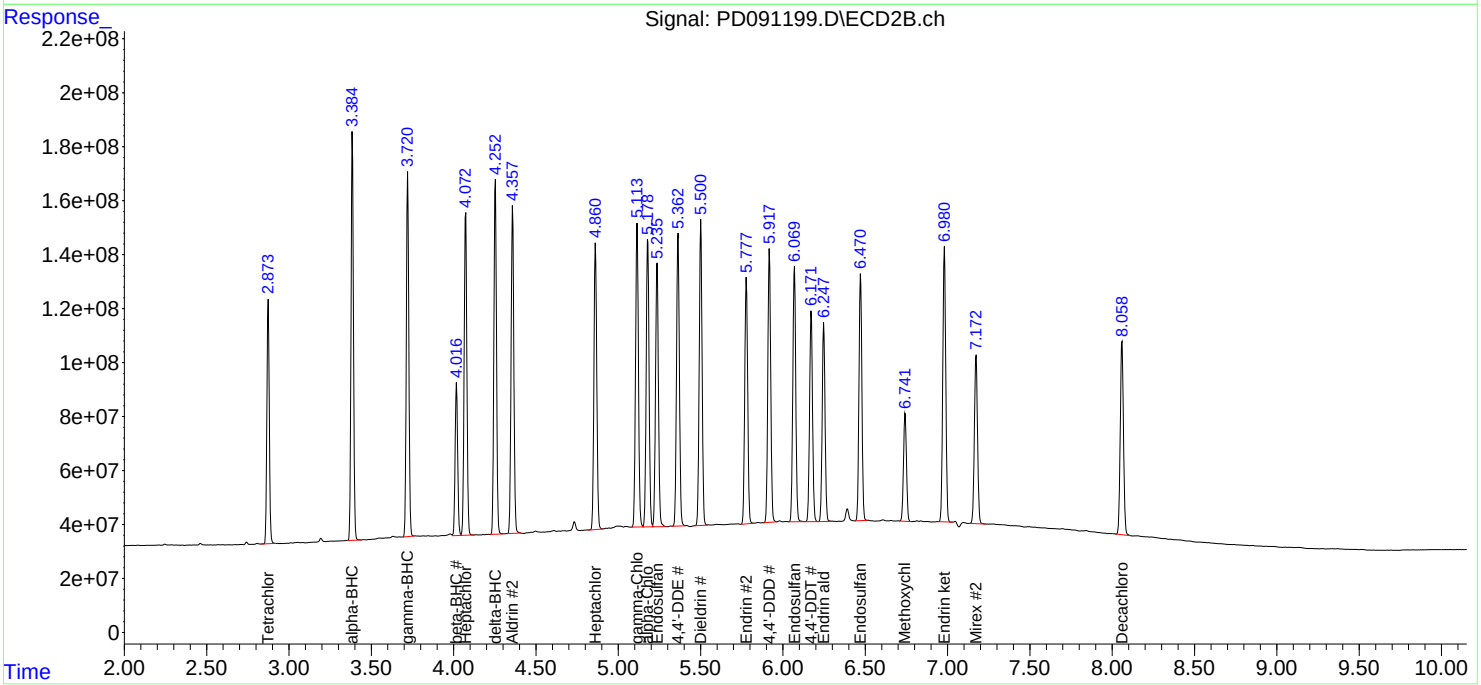
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 21:37
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:15:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 21:51
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:15:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.542	2.872	21004307	230.0E6	6.439m	6.652m
28)	SA Decachlor...	9.063	8.059	32689037	250.4E6	7.056	6.744
	Target Compounds						
2)	A alpha-BHC	3.992	3.385	41908732	387.2E6	5.325	6.452
3)	MA gamma-BHC...	4.323	3.721	40207275	354.8E6	5.494	6.456
4)	MA Heptachlor	4.919	4.073	40291748	345.5E6	5.820m	6.600
5)	MB Aldrin	5.262	4.358	41159200	352.4E6	5.884	6.570
6)	B beta-BHC	4.511	4.017	18349309	154.0E6	6.742	6.806
7)	B delta-BHC	4.757	4.253	39887495	365.3E6	5.480m	6.601
8)	B Heptachlo...	5.681	4.862	38568147	328.6E6	6.223m	6.841
9)	A Endosulfan I	6.067	5.236	37227156	303.9E6	6.408	6.704
10)	B gamma-Chl...	5.939	5.114	37561958	337.9E6	6.047	6.502
11)	B alpha-Chl...	6.019	5.179	45659405	326.3E6	7.291	6.566
12)	B 4,4'-DDE	6.188	5.363	32717510	339.1E6	5.848	6.726
13)	MA Dieldrin	6.339	5.502	37022298	341.3E6	5.952	6.617
14)	MA Endrin	6.566	5.778	28273962	282.4E6	5.921	6.567
15)	B Endosulfa...	6.780	6.070	34393712	298.2E6	6.546	6.753
16)	A 4,4'-DDD	6.699	5.918	28725548	312.5E6	6.103	6.780
17)	MA 4,4'-DDT	7.014	6.172	22714196	221.4E6	5.646	5.792
18)	B Endrin al...	6.908	6.248	26987398	231.8E6	6.952	6.989
19)	B Endosulfa...	7.143	6.471	31867215	285.5E6	6.547	6.709
20)	A Methoxychlor	7.487	6.742	13392299	120.2E6	6.539	6.205
21)	B Endrin ke...	7.624	6.980	34435592	326.5E6	6.467	6.772
22)	Mirex	8.105	7.173	23674832	213.6E6	7.209	6.859

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 21:51
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 58 Sample Multiplier: 1

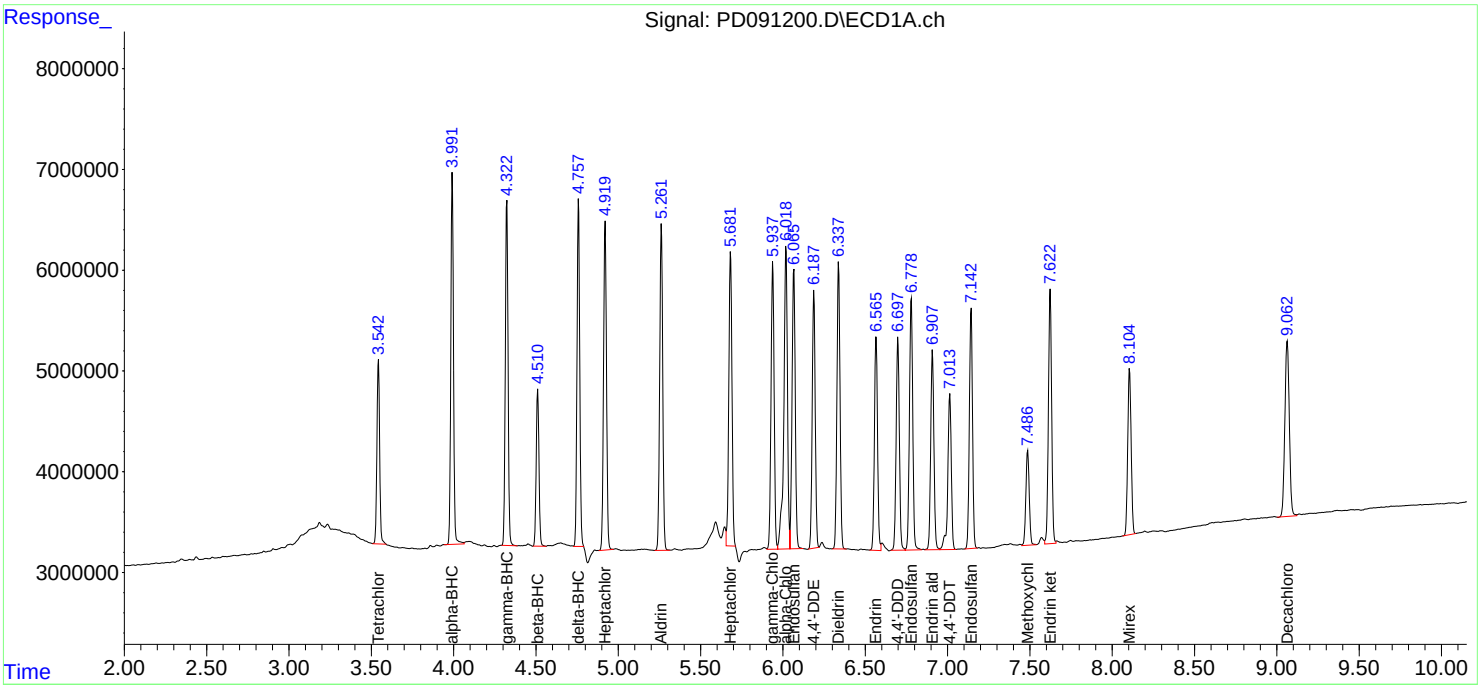
Instrument :
ECD_D
ClientSampleId :
PSTDICC005

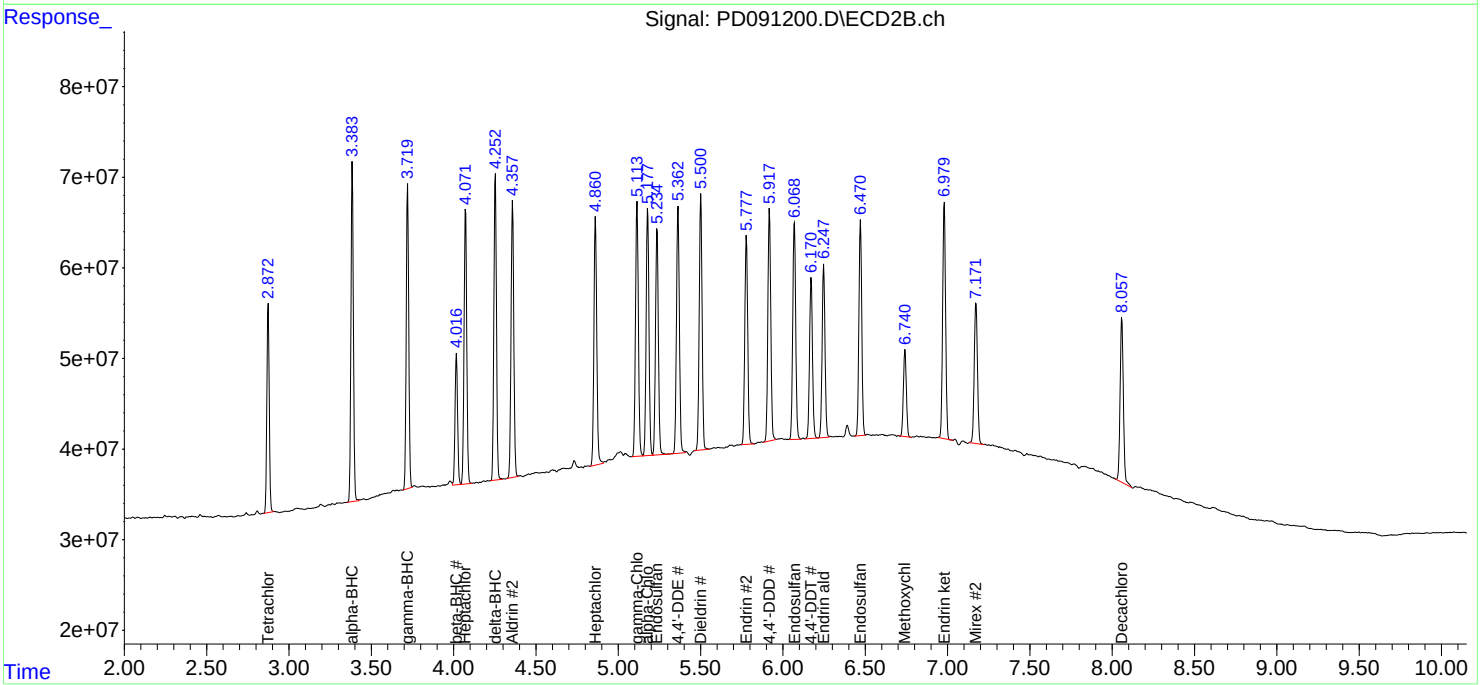
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:15:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:12:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091203.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 22:32
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:29:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:28:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.873	143.9E6	1902.7E6	50.000	50.000
28)	SA Decachlor...	9.063	8.058	209.3E6	1703.5E6	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.707	3.896	113.3E6	788.6E6	500.000	500.000
24)	Chlordane-2	5.233	4.476	110.4E6	798.4E6	500.000	500.000
25)	Chlordane-3	5.939	5.114	448.7E6	2625.7E6	500.000	500.000
26)	Chlordane-4	6.024	5.178	539.1E6	2177.3E6	500.000	500.000
27)	Chlordane-5	6.864	6.078	88781325	938.4E6	500.000	500.000

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

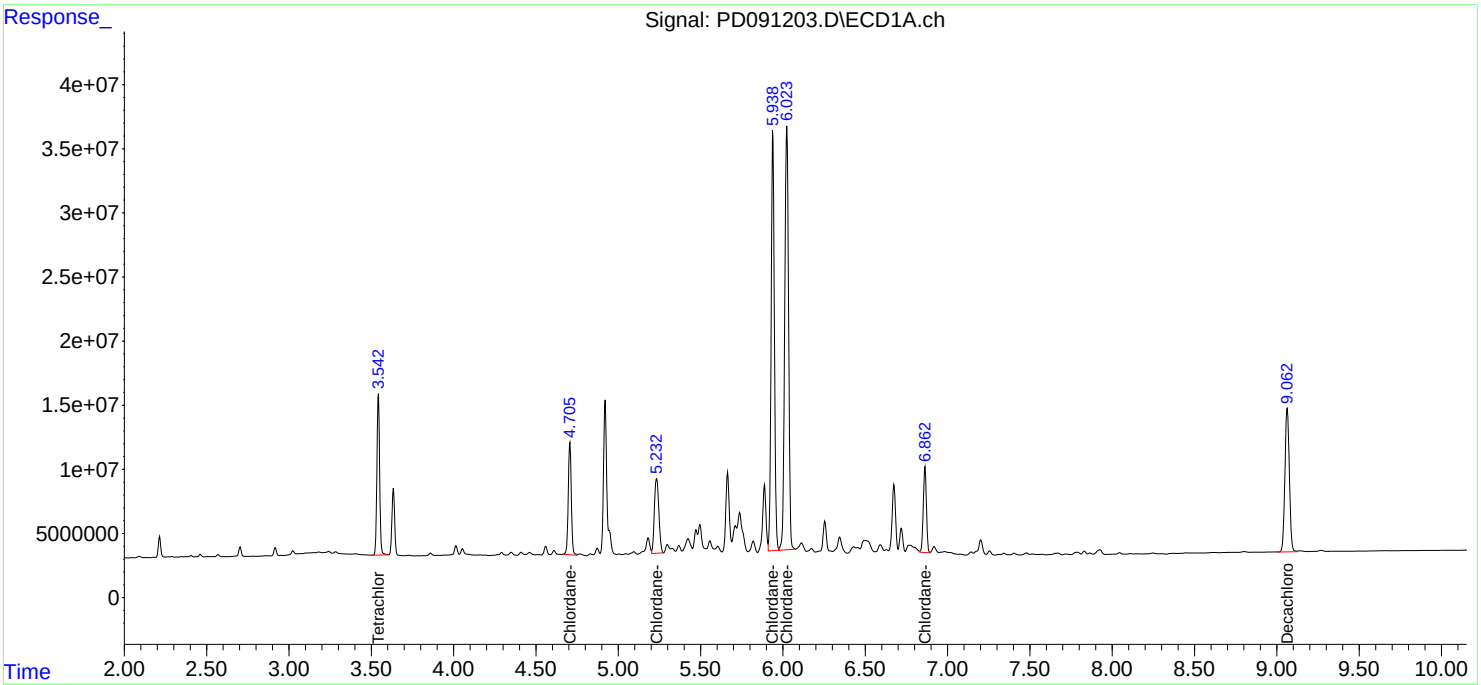
ICAL Form

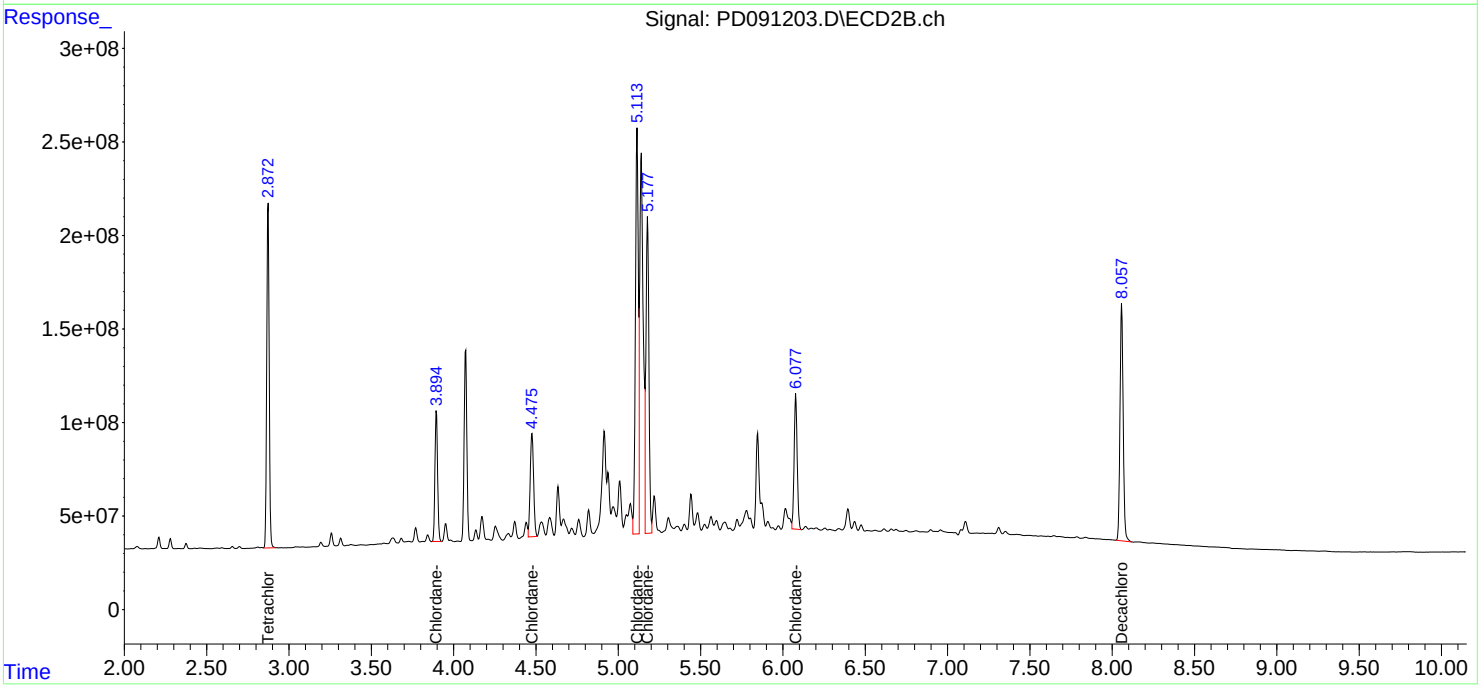
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091203.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 22:32
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:29:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:28:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 23:40
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 05:12:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 05:11:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.543	2.874	163.5E6	1762.4E6	50.000	50.000
7) SA	Decachlor...	9.063	8.058	236.5E6	1944.6E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.234	5.463	21406071	174.2E6	500.000	500.000
3)	Toxaphene-2	6.435	5.635	34489739	115.5E6	500.000	500.000
4)	Toxaphene-3	7.141	6.743	56311870	545.5E6	500.000	500.000
5)	Toxaphene-4	7.556	7.186	65356075	352.5E6	500.000	500.000
6)	Toxaphene-5	7.922	7.317	39645850	221.3E6	500.000	500.000

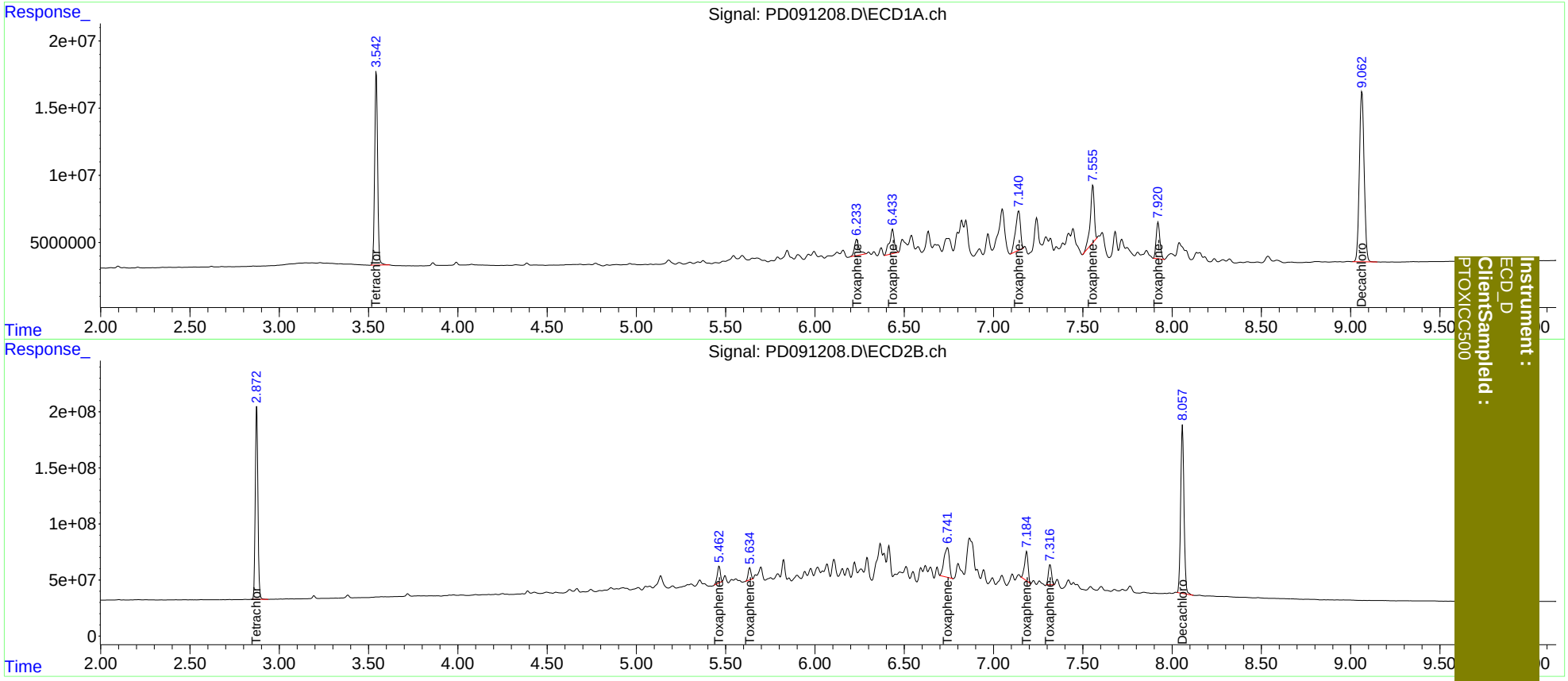
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 23:40
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 05:12:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 05:11:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2025 00:21
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD111525

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:49:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	162.5E6	1718.4E6	47.132	46.911
28)	SA Decachlor...	9.063	8.058	232.3E6	1905.9E6	46.634	48.160
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	390.8E6	2984.9E6	48.872	47.228
3)	MA gamma-BHC...	4.324	3.721	361.9E6	2728.5E6	48.435	47.188
4)	MA Heptachlor	4.921	4.073	342.0E6	2581.9E6	47.755	46.765
5)	MB Aldrin	5.262	4.358	348.3E6	2666.1E6	47.995	47.222
6)	B beta-BHC	4.511	4.017	135.0E6	1124.4E6	46.461	46.799
7)	B delta-BHC	4.760	4.253	363.6E6	2741.9E6	48.917	46.888
8)	B Heptachlo...	5.683	4.862	313.5E6	2381.7E6	48.259	46.737
9)	A Endosulfan I	6.067	5.235	288.8E6	2250.9E6	47.010	47.039
10)	B gamma-Chl...	5.938	5.114	308.9E6	2585.4E6	47.516	47.328
11)	B alpha-Chl...	6.019	5.179	316.9E6	2460.3E6	46.047	47.013
12)	B 4,4'-DDE	6.188	5.363	276.9E6	2496.0E6	47.745	46.704
13)	MA Dieldrin	6.339	5.501	309.0E6	2552.1E6	47.803	46.991
14)	MA Endrin	6.566	5.778	234.4E6	2114.9E6	47.229	46.798
15)	B Endosulfa...	6.779	6.070	260.8E6	2189.8E6	46.913	46.910
16)	A 4,4'-DDD	6.698	5.917	235.1E6	2292.3E6	47.858	46.907
17)	MA 4,4'-DDT	7.014	6.171	197.9E6	1882.1E6	47.844	48.095
18)	B Endrin al...	6.908	6.248	193.5E6	1652.0E6	46.452	46.813
19)	B Endosulfa...	7.143	6.471	241.2E6	2113.4E6	46.888	47.137
20)	A Methoxychlor	7.487	6.742	101.6E6	965.3E6	46.720	48.141
21)	B Endrin ke...	7.623	6.980	268.5E6	2432.9E6	47.664	47.746
22)	Mirex	8.105	7.172	165.8E6	1568.2E6	46.599	47.322

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

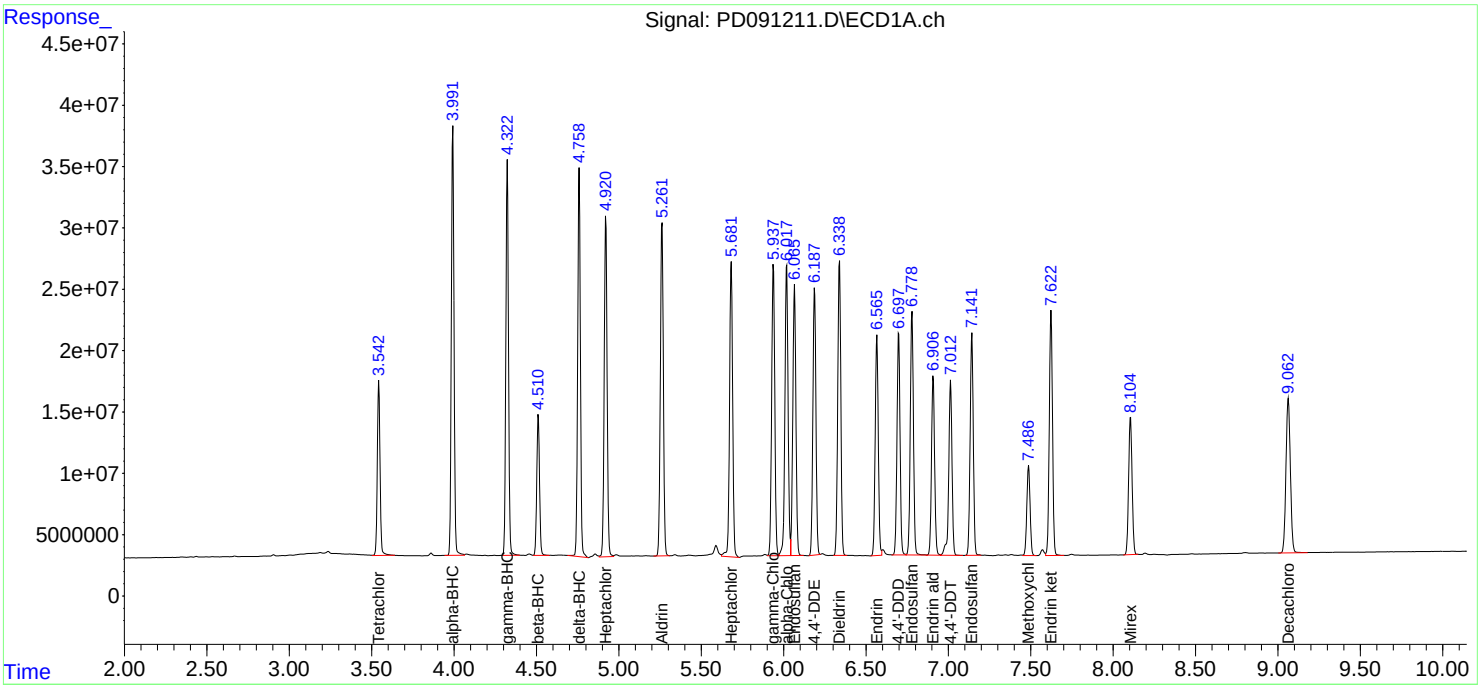
ICAL Form

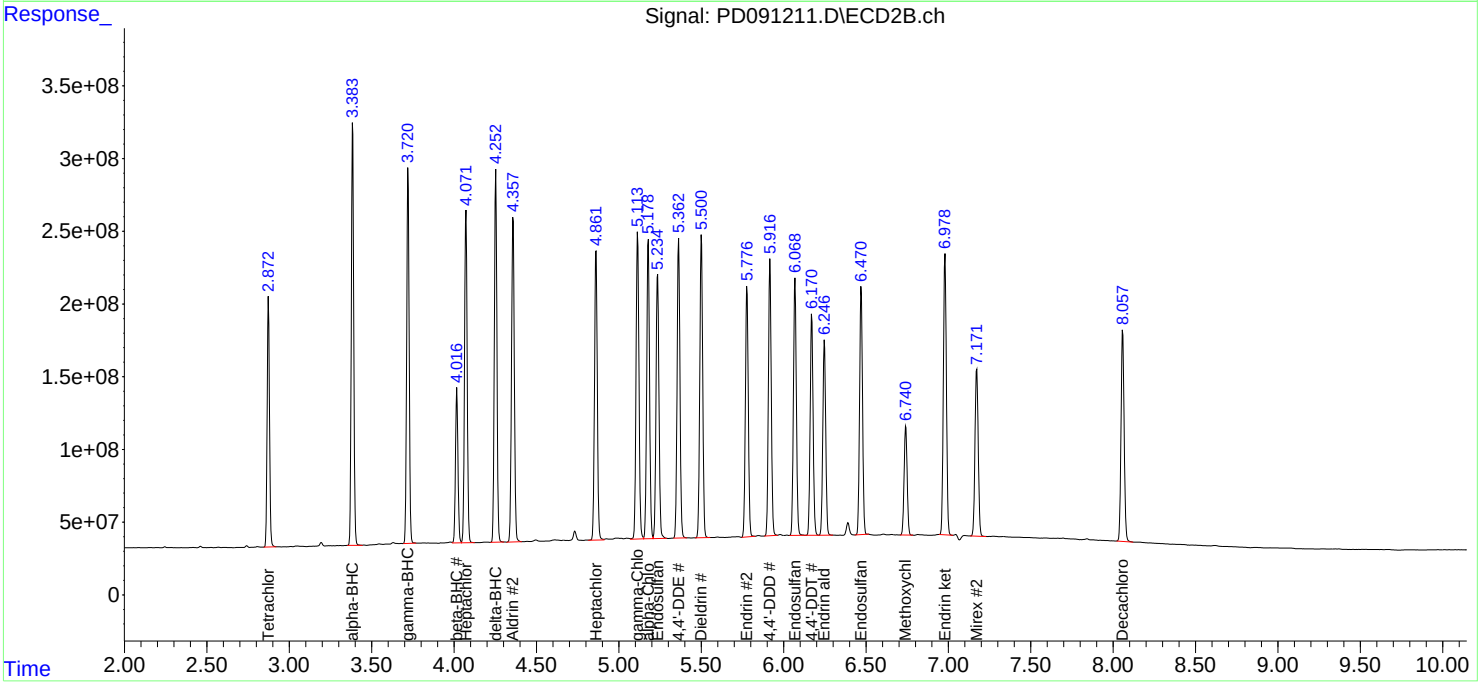
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2025 00:21
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD111525

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:49:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2025 00:49
Operator : AR\AJ
Sample : PCHLORICV050
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD111525CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:41:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:40:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	144.0E6	1897.0E6	45.917	45.899
28)	SA Decachlor...	9.063	8.059	208.1E6	1722.5E6	44.473	45.857
	Target Compounds						
23)	Chlordane-1	4.707	3.896	114.2E6	783.3E6	464.144	455.309
24)	Chlordane-2	5.234	4.477	110.1E6	794.6E6	445.736	453.786
25)	Chlordane-3	5.939	5.115	447.1E6	2621.5E6	463.407	455.626
26)	Chlordane-4	6.024	5.179	540.3E6	2175.2E6	449.814	454.716
27)	Chlordane-5	6.863	6.079	88911954	936.5E6	450.023	461.495

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

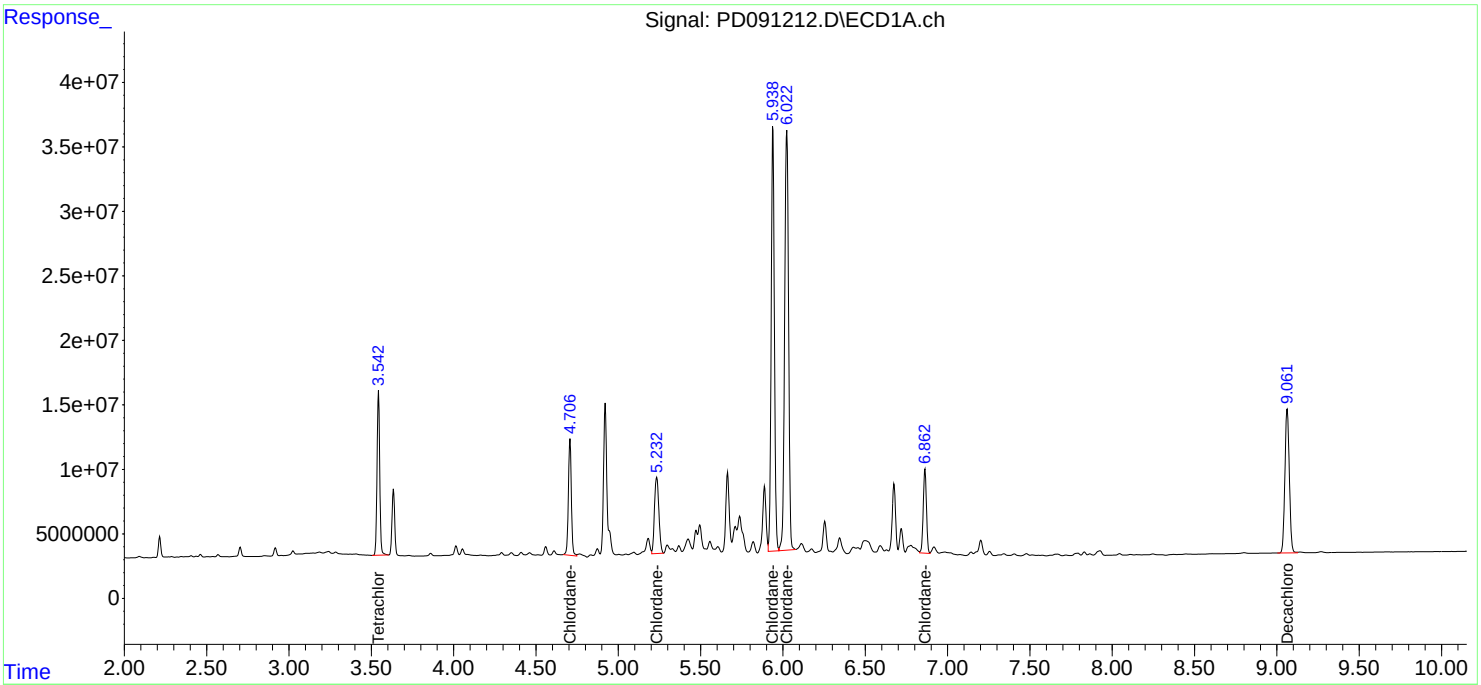
ICAL Form

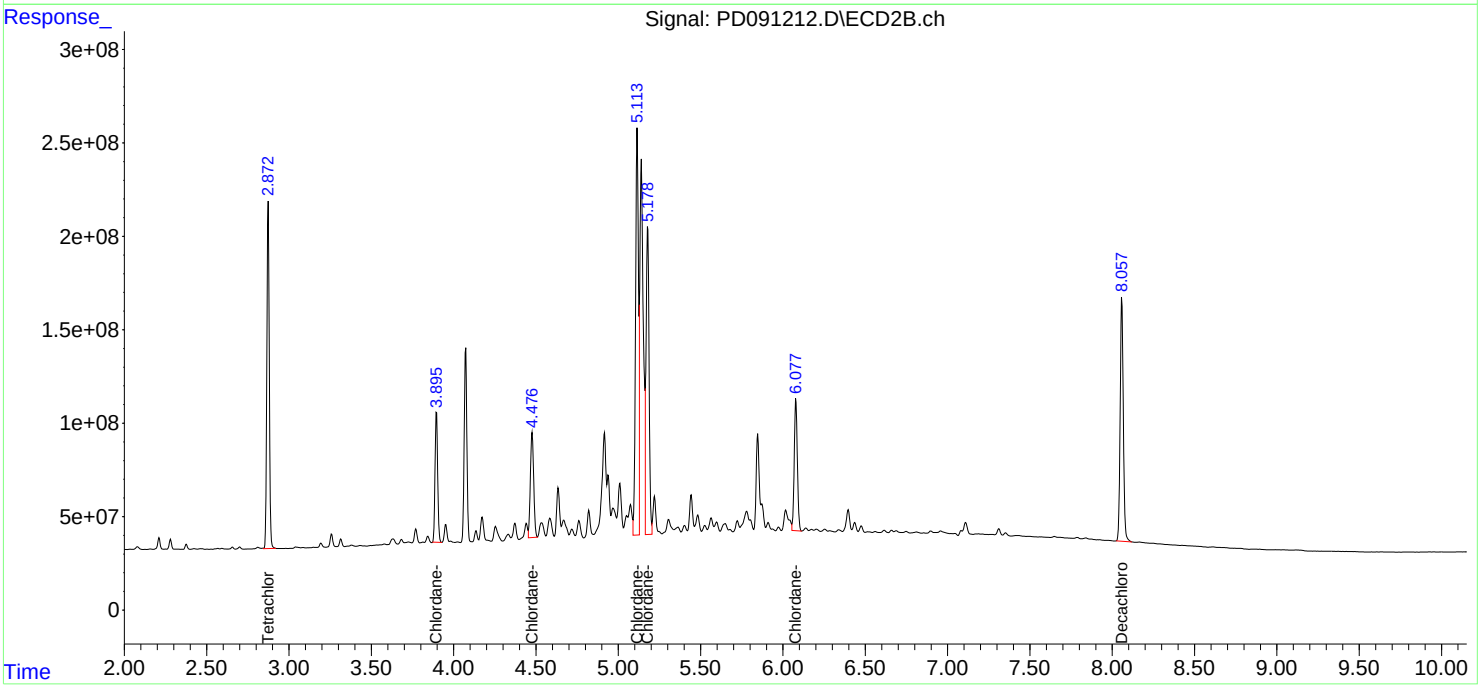
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2025 00:49
Operator : AR\AJ
Sample : PCHLORICV050
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD111525CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:41:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:40:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2025 01:30
Operator : AR\AJ
Sample : PTOXICV050
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD111525TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 05:21:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 05:17:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.544	2.874	163.1E6	1761.6E6	49.939	50.116
7) SA	Decachlor...	9.063	8.059	235.5E6	1961.7E6	49.446	50.407
	Target Compounds						
2)	Toxaphene-1	6.234	5.464	21366491	177.4E6	506.837	508.980
3)	Toxaphene-2	6.435	5.635	34816331	114.1E6	493.754	505.708
4)	Toxaphene-3	7.141	6.744	56004022	537.8E6	503.381	513.961
5)	Toxaphene-4	7.557	7.186	66555590	352.7E6	512.569	521.193
6)	Toxaphene-5	7.923	7.317	39466192	222.5E6	507.805	531.712

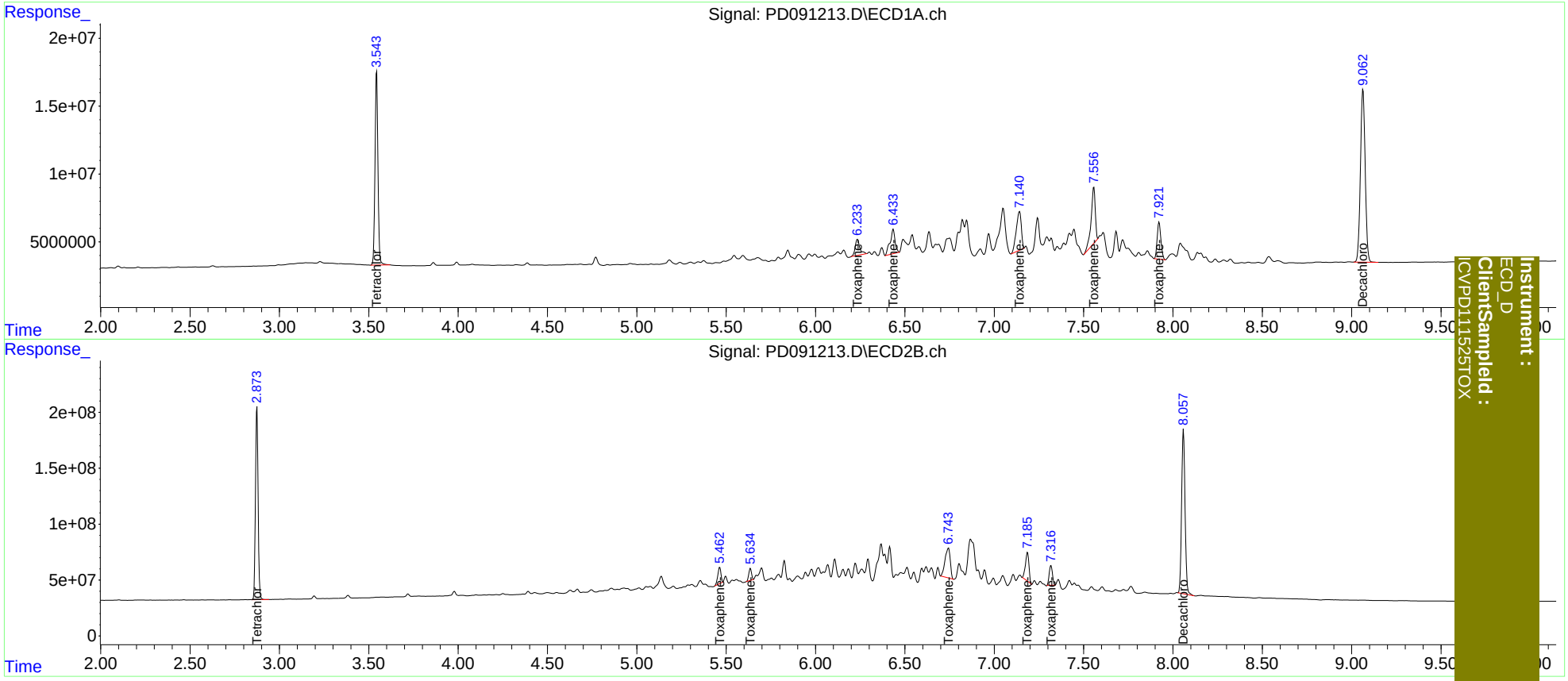
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2025 01:30
Operator : AR\AJ
Sample : PTOXICV050
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 05:21:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 05:17:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Raw Data: **PD091403.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Continuing Calib Date: 12/01/2025 **Initial Calibration Date(s):** 11/14/2025 11/14/2025

Continuing Calib Time: 10:26 **Initial Calibration Time(s):** 20:56 21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
gamma-BHC (Lindane)	4.32	4.32	4.22	4.42	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.06	6.07	5.97	6.17	0.01
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.01
Endrin	6.56	6.57	6.47	6.67	0.01
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.14	7.04	7.24	0.00
4,4'-DDT	7.01	7.01	6.91	7.11	0.00
Methoxychlor	7.48	7.49	7.39	7.59	0.01
alpha-Chlordane	6.02	6.02	5.92	6.12	0.01
gamma-Chlordane	5.93	5.94	5.84	6.04	0.01

Raw Data: **PD091403.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Continuing Calib Date: 12/01/2025 **Initial Calibration Date(s):** 11/14/2025 11/14/2025

Continuing Calib Time: 10:26 **Initial Calibration Time(s):** 20:56 21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.05	8.06	7.96	8.16	0.01
Tetrachloro-m-xylene	2.87	2.87	2.77	2.97	0.00
alpha-BHC	3.38	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.07	3.97	4.17	0.00
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.23	5.24	5.14	5.34	0.01
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.36	5.26	5.46	0.00
Endrin	5.77	5.78	5.68	5.88	0.01
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.91	5.92	5.82	6.02	0.01
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.74	6.64	6.84	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.11	5.01	5.21	0.00

Raw Data: **PD091403.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL01 **Date Analyzed:** 12/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091403.D **Time Analyzed:** 10:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.695	6.599	6.799	44.700	50.000	-10.6
4,4'-DDE	6.185	6.089	6.289	46.690	50.000	-6.6
4,4'-DDT	7.010	6.914	7.114	44.380	50.000	-11.2
Aldrin	5.258	5.163	5.363	47.230	50.000	-5.5
alpha-BHC	3.990	3.893	4.093	48.950	50.000	-2.1
alpha-Chlordane	6.015	5.919	6.119	44.600	50.000	-10.8
beta-BHC	4.508	4.411	4.611	46.600	50.000	-6.8
Decachlorobiphenyl	9.057	8.963	9.163	42.270	50.000	-15.5
Dieldrin	6.335	6.239	6.439	46.600	50.000	-6.8
Endosulfan I	6.062	5.966	6.166	46.390	50.000	-7.2
Endosulfan II	6.776	6.679	6.879	45.210	50.000	-9.6
Endosulfan sulfate	7.139	7.043	7.243	44.510	50.000	-11.0
Endrin	6.563	6.466	6.666	46.620	50.000	-6.8
gamma-BHC (Lindane)	4.321	4.224	4.424	48.460	50.000	-3.1
gamma-Chlordane	5.934	5.838	6.038	47.500	50.000	-5.0
Heptachlor	4.917	4.821	5.021	45.800	50.000	-8.4
Heptachlor epoxide	5.679	5.582	5.782	46.270	50.000	-7.5
Methoxychlor	7.484	7.387	7.587	42.430	50.000	-15.1
Tetrachloro-m-xylene	3.541	3.444	3.644	47.240	50.000	-5.5

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL01 **Date Analyzed:** 12/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091403.D **Time Analyzed:** 10:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.913	5.817	6.017	47.690	50.000	-4.6
4,4'-DDE	5.359	5.263	5.463	50.420	50.000	0.8
4,4'-DDT	6.167	6.071	6.271	49.540	50.000	-0.9
Aldrin	4.355	4.258	4.458	51.440	50.000	2.9
alpha-BHC	3.383	3.286	3.486	51.310	50.000	2.6
alpha-Chlordane	5.175	5.079	5.279	51.330	50.000	2.7
beta-BHC	4.015	3.918	4.118	50.290	50.000	0.6
Decachlorobiphenyl	8.054	7.958	8.158	44.000	50.000	-12.0
Dieldrin	5.497	5.401	5.601	50.310	50.000	0.6
Endosulfan I	5.232	5.135	5.335	51.130	50.000	2.3
Endosulfan II	6.066	5.969	6.169	49.570	50.000	-0.9
Endosulfan sulfate	6.467	6.371	6.571	49.110	50.000	-1.8
Endrin	5.774	5.678	5.878	49.170	50.000	-1.7
gamma-BHC (Lindane)	3.718	3.621	3.821	51.080	50.000	2.2
gamma-Chlordane	5.111	5.014	5.214	51.720	50.000	3.4
Heptachlor	4.070	3.973	4.173	49.140	50.000	-1.7
Heptachlor epoxide	4.858	4.762	4.962	50.580	50.000	1.2
Methoxychlor	6.738	6.641	6.841	44.320	50.000	-11.4
Tetrachloro-m-xylene	2.872	2.774	2.974	50.640	50.000	1.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 10:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:10:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.541	2.872	162.9E6	1855.1E6	47.243	50.644
28)	SA Decachlor...	9.057	8.054	210.6E6	1741.4E6	42.271	44.003
	Target Compounds						
2)	A alpha-BHC	3.990	3.383	391.4E6	3242.9E6	48.954	51.309
3)	MA gamma-BHC...	4.321	3.718	362.2E6	2953.4E6	48.465	51.078
4)	MA Heptachlor	4.917	4.070	328.0E6	2713.1E6	45.798	49.142
5)	MB Aldrin	5.258	4.355	342.7E6	2904.0E6	47.232	51.436
6)	B beta-BHC	4.508	4.015	135.4E6	1208.3E6	46.595	50.290
7)	B delta-BHC	4.756	4.251	356.5E6	2956.7E6	47.964	50.561
8)	B Heptachlo...	5.679	4.858	300.6E6	2577.4E6	46.267	50.579
9)	A Endosulfan I	6.062	5.232	285.0E6	2446.9E6	46.394	51.134
10)	B gamma-Chl...	5.934	5.111	308.8E6	2825.1E6	47.495	51.717
11)	B alpha-Chl...	6.015	5.175	307.0E6	2686.3E6	44.604	51.332
12)	B 4,4'-DDE	6.185	5.359	270.8E6	2694.8E6	46.690	50.425
13)	MA Dieldrin	6.335	5.497	301.2E6	2732.3E6	46.596	50.308
14)	MA Endrin	6.563	5.774	231.4E6	2221.9E6	46.623	49.166
15)	B Endosulfa...	6.776	6.066	251.3E6	2313.8E6	45.209	49.568
16)	A 4,4'-DDD	6.695	5.913	219.6E6	2330.5E6	44.705	47.689
17)	MA 4,4'-DDT	7.010	6.167	183.5E6	1938.6E6	44.380	49.538
18)	B Endrin al...	6.905	6.243	180.5E6	1689.6E6	43.317	47.879
19)	B Endosulfa...	7.139	6.467	229.0E6	2202.0E6	44.514	49.113
20)	A Methoxychlor	7.484	6.738	92267825	888.7E6	42.435	44.319
21)	B Endrin ke...	7.620	6.976	253.4E6	2412.7E6	44.979	47.348
22)	Mirex	8.101	7.169	154.8E6	1555.4E6	43.530	46.934

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

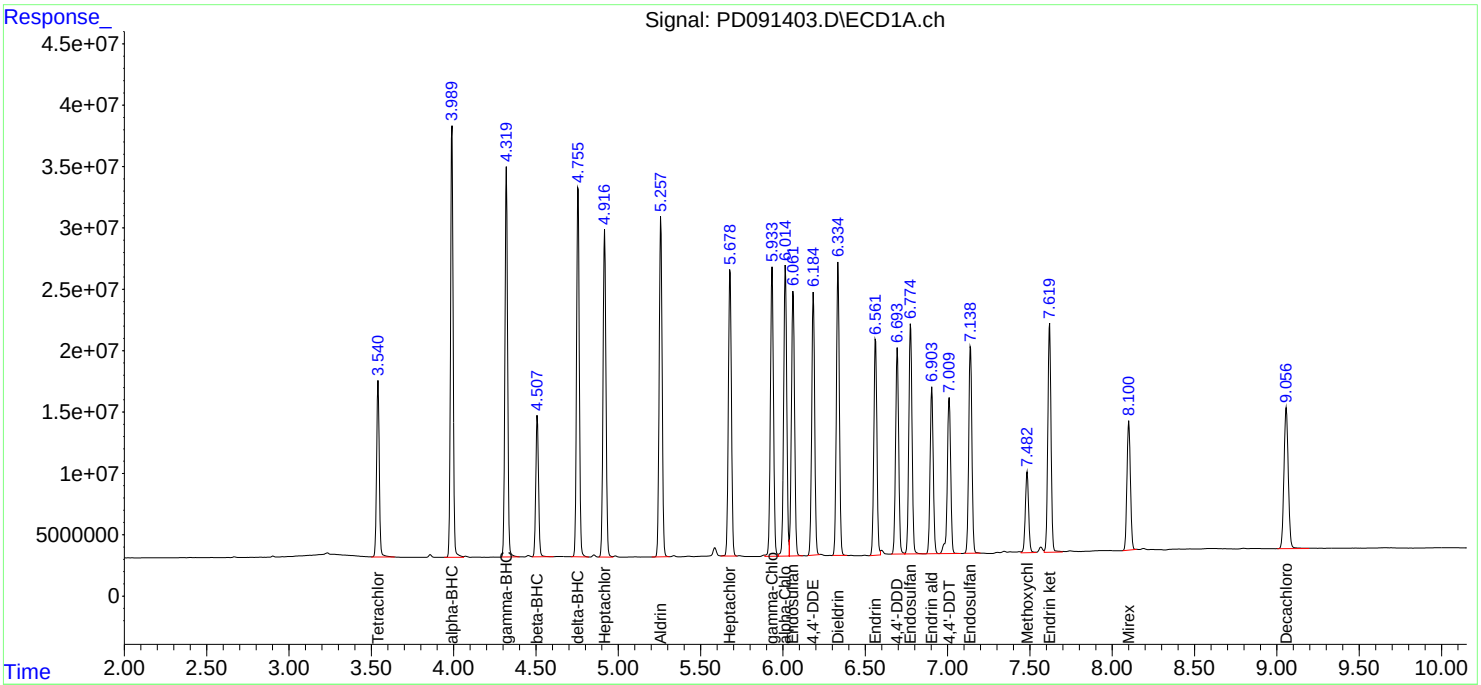
Sample Results: **PD091403.D**

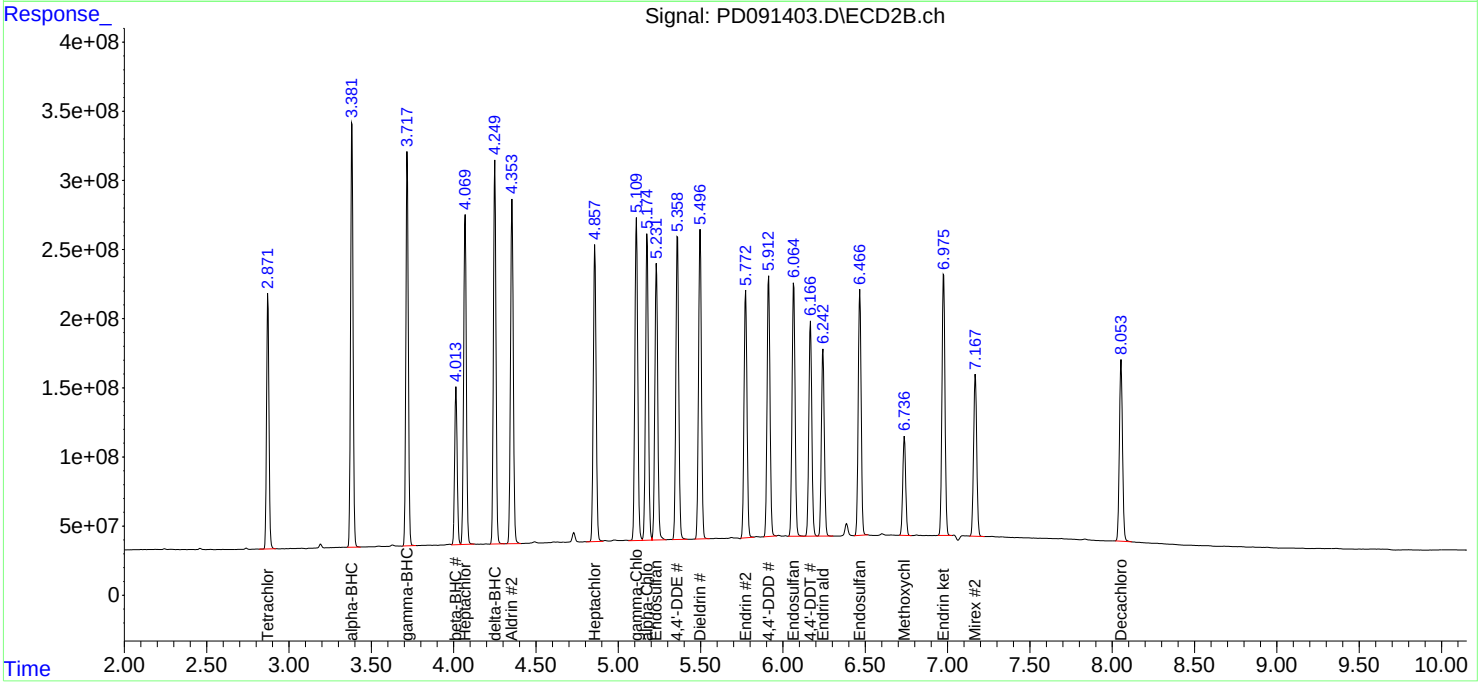
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 10:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:10:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PD091414.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Continuing Calib Date: 12/01/2025 **Initial Calibration Date(s):** 11/14/2025 11/14/2025

Continuing Calib Time: 15:11 **Initial Calibration Time(s):** 20:56 21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.54	3.44	3.64	-0.01
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
gamma-BHC (Lindane)	4.33	4.32	4.22	4.42	-0.01
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.14	7.04	7.24	-0.01
4,4'-DDT	7.02	7.01	6.91	7.11	-0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

Raw Data: **PD091414.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Continuing Calib Date: 12/01/2025 **Initial Calibration Date(s):** 11/14/2025 11/14/2025

Continuing Calib Time: 15:11 **Initial Calibration Time(s):** 20:56 21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.87	2.77	2.97	0.00
alpha-BHC	3.38	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.07	3.97	4.17	0.00
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.23	5.24	5.14	5.34	0.01
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.36	5.26	5.46	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.74	6.64	6.84	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.11	5.01	5.21	0.00

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL02 **Date Analyzed:** 12/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091414.D **Time Analyzed:** 15:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.704	6.599	6.799	49.440	50.000	-1.1
4,4'-DDE	6.194	6.089	6.289	51.150	50.000	2.3
4,4'-DDT	7.019	6.914	7.114	49.550	50.000	-0.9
Aldrin	5.268	5.163	5.363	52.100	50.000	4.2
alpha-BHC	3.998	3.893	4.093	54.790	50.000	9.6
alpha-Chlordane	6.024	5.919	6.119	49.410	50.000	-1.2
beta-BHC	4.517	4.411	4.611	51.610	50.000	3.2
Decachlorobiphenyl	9.069	8.963	9.163	46.220	50.000	-7.6
Dieldrin	6.344	6.239	6.439	51.070	50.000	2.1
Endosulfan I	6.072	5.966	6.166	50.770	50.000	1.5
Endosulfan II	6.785	6.679	6.879	49.380	50.000	-1.2
Endosulfan sulfate	7.148	7.043	7.243	48.480	50.000	-3.0
Endrin	6.572	6.466	6.666	53.040	50.000	6.1
gamma-BHC (Lindane)	4.329	4.224	4.424	54.050	50.000	8.1
gamma-Chlordane	5.944	5.838	6.038	51.870	50.000	3.7
Heptachlor	4.926	4.821	5.021	52.220	50.000	4.4
Heptachlor epoxide	5.688	5.582	5.782	51.400	50.000	2.8
Methoxychlor	7.493	7.387	7.587	47.090	50.000	-5.8
Tetrachloro-m-xylene	3.549	3.444	3.644	51.530	50.000	3.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL02 **Date Analyzed:** 12/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091414.D **Time Analyzed:** 15:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.916	5.817	6.017	47.640	50.000	-4.7
4,4'-DDE	5.360	5.263	5.463	50.130	50.000	0.3
4,4'-DDT	6.170	6.071	6.271	50.770	50.000	1.5
Aldrin	4.356	4.258	4.458	52.400	50.000	4.8
alpha-BHC	3.383	3.286	3.486	53.220	50.000	6.4
alpha-Chlordane	5.177	5.079	5.279	51.270	50.000	2.5
beta-BHC	4.015	3.918	4.118	51.640	50.000	3.3
Decachlorobiphenyl	8.058	7.958	8.158	41.200	50.000	-17.6
Dieldrin	5.500	5.401	5.601	50.050	50.000	0.1
Endosulfan I	5.234	5.135	5.335	50.560	50.000	1.1
Endosulfan II	6.068	5.969	6.169	48.730	50.000	-2.5
Endosulfan sulfate	6.470	6.371	6.571	46.480	50.000	-7.0
Endrin	5.776	5.678	5.878	51.670	50.000	3.3
gamma-BHC (Lindane)	3.719	3.621	3.821	52.770	50.000	5.5
gamma-Chlordane	5.113	5.014	5.214	51.780	50.000	3.6
Heptachlor	4.071	3.973	4.173	50.960	50.000	1.9
Heptachlor epoxide	4.860	4.762	4.962	51.170	50.000	2.3
Methoxychlor	6.741	6.641	6.841	44.990	50.000	-10.0
Tetrachloro-m-xylene	2.872	2.774	2.974	52.350	50.000	4.7

Sample Results: **PD091414.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 15:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:14:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.549	2.872	177.7E6	1917.7E6	51.532	52.353
28)	SA Decachlor...	9.069	8.058	230.2E6	1630.5E6	46.216	41.199
	Target Compounds						
2)	A alpha-BHC	3.998	3.383	438.1E6	3363.8E6	54.794	53.222
3)	MA gamma-BHC...	4.329	3.719	403.9E6	3051.2E6	54.055	52.770
4)	MA Heptachlor	4.926	4.071	374.0E6	2813.5E6	52.220	50.960
5)	MB Aldrin	5.268	4.356	378.1E6	2958.3E6	52.101	52.398
6)	B beta-BHC	4.517	4.015	150.0E6	1240.7E6	51.611	51.636
7)	B delta-BHC	4.765	4.251	404.0E6	3049.0E6	54.356	52.140
8)	B Heptachlo...	5.688	4.860	333.9E6	2607.8E6	51.399	51.175
9)	A Endosulfan I	6.072	5.234	311.8E6	2419.5E6	50.765	50.563
10)	B gamma-Chl...	5.944	5.113	337.2E6	2828.5E6	51.867	51.777
11)	B alpha-Chl...	6.024	5.177	340.1E6	2682.9E6	49.411	51.267
12)	B 4,4'-DDE	6.194	5.360	296.7E6	2679.0E6	51.153	50.128m
13)	MA Dieldrin	6.344	5.500	330.2E6	2718.2E6	51.071	50.048
14)	MA Endrin	6.572	5.776	263.3E6	2335.2E6	53.038	51.671
15)	B Endosulfa...	6.785	6.068	274.5E6	2274.9E6	49.375	48.735
16)	A 4,4'-DDD	6.704	5.916	242.8E6	2328.3E6	49.435	47.644
17)	MA 4,4'-DDT	7.019	6.170	204.9E6	1986.8E6	49.550	50.771
18)	B Endrin al...	6.914	6.246	193.6E6	1659.7E6	46.473	47.030
19)	B Endosulfa...	7.148	6.470	249.4E6	2084.0E6	48.475	46.482
20)	A Methoxychlor	7.493	6.741	102.4E6	902.2E6	47.091	44.993
21)	B Endrin ke...	7.628	6.979	270.1E6	2289.7E6	47.942	44.935
22)	Mirex	8.111	7.171	164.5E6	1418.1E6	46.241	42.792

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

Sample Results: **PD091414.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 15:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

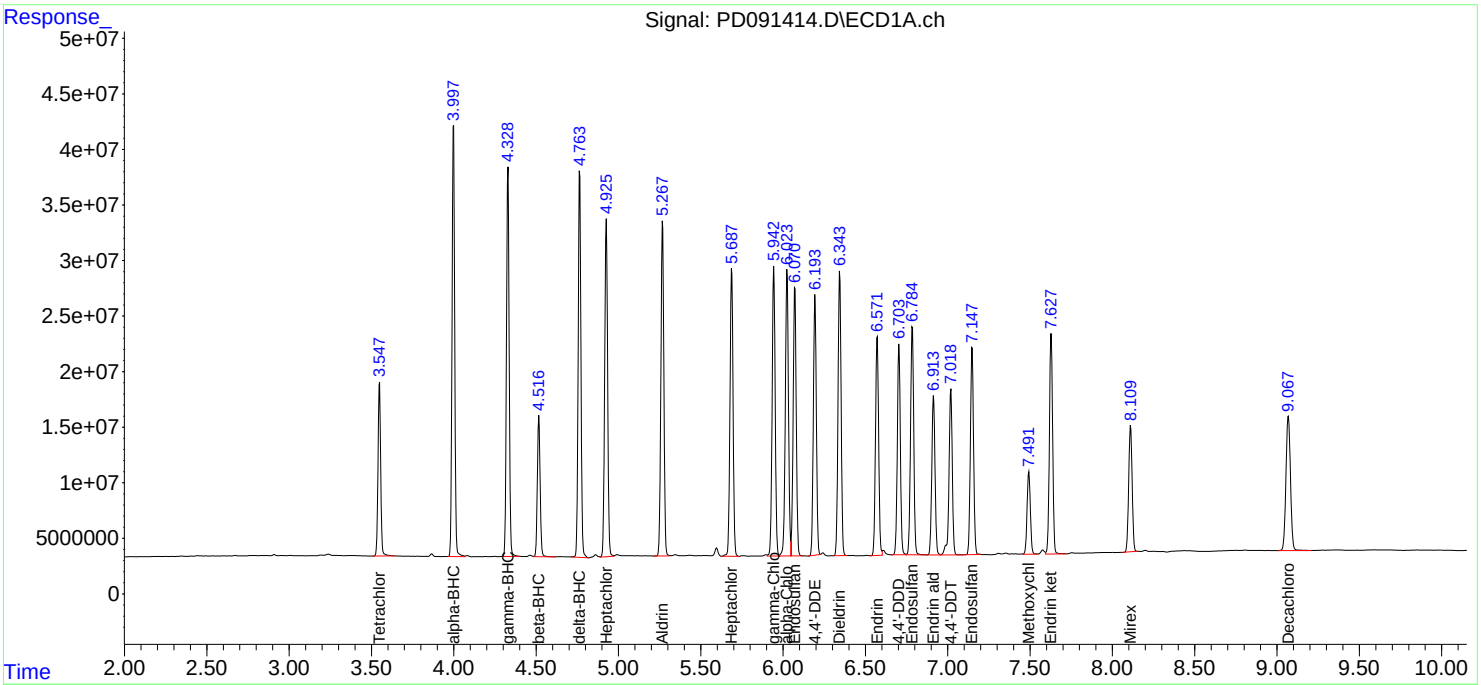
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

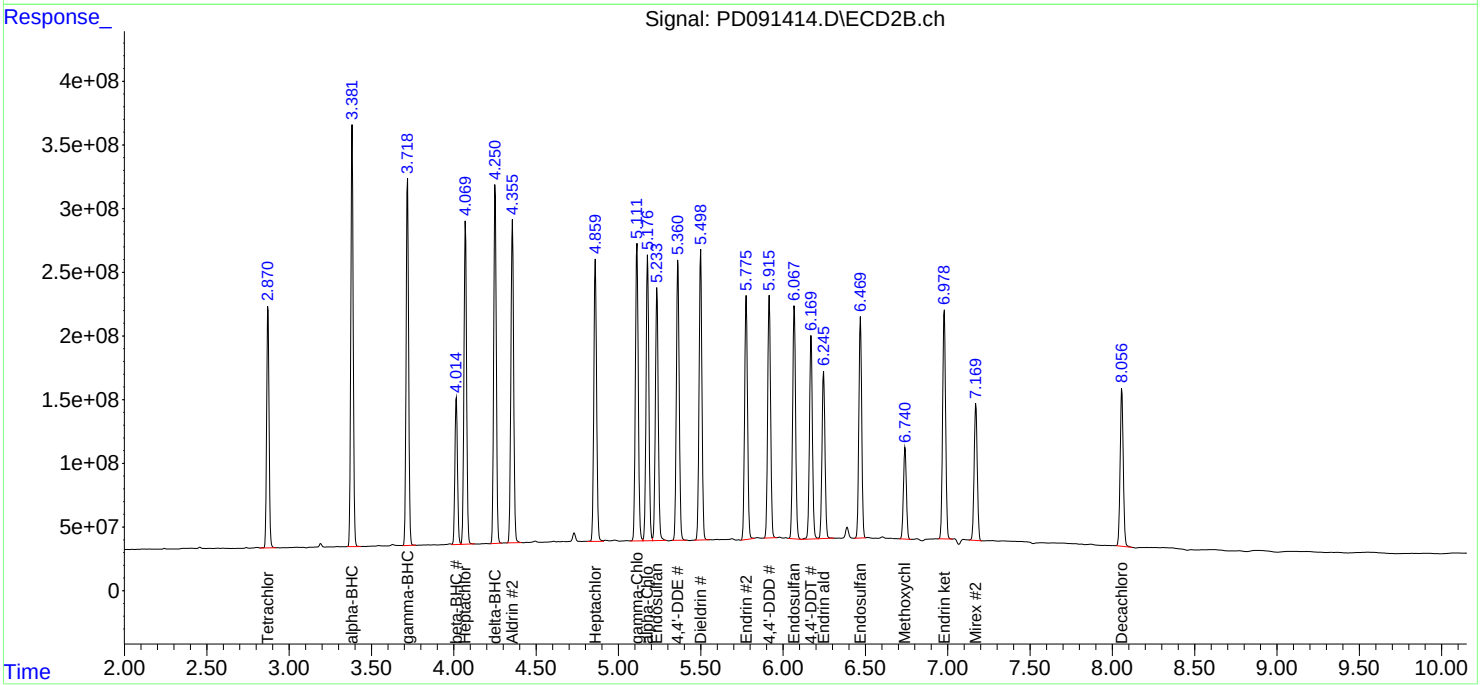
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:14:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091194.D **Date Analyzed:** 11/14/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 20:15

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.064	8.960	9.160	20.170	20.000	0.9
Tetrachloro-m-xylene	3.544	3.490	3.590	19.500	20.000	-2.5
alpha-BHC	3.993	3.940	4.040	8.250	10.000	-17.5
beta-BHC	4.511	4.460	4.560	9.240	10.000	-7.6
gamma-BHC (Lindane)	4.324	4.270	4.370	8.450	10.000	-15.5
Endrin	6.567	6.500	6.640	44.390	50.000	-11.2
4,4'-DDT	7.015	6.940	7.090	88.290	100.000	-11.7
Methoxychlor	7.487	7.420	7.560	207.040	250.000	-17.2

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091194.D **Date Analyzed:** 11/14/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 20:15

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.059	7.960	8.160	19.620	20.000	-1.9
Tetrachloro-m-xylene	2.874	2.820	2.920	19.370	20.000	-3.2
alpha-BHC	3.385	3.330	3.440	9.380	10.000	-6.2
beta-BHC	4.018	3.970	4.070	9.530	10.000	-4.7
gamma-BHC (Lindane)	3.721	3.670	3.770	9.460	10.000	-5.4
Endrin	5.779	5.710	5.850	45.450	50.000	-9.1
4,4'-DDT	6.172	6.100	6.240	89.340	100.000	-10.7
Methoxychlor	6.742	6.670	6.810	186.630	250.000	-25.3

PEM

Data File: PD091194.D **Date Acquired** 11/14/2025 20:15

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
					Down
Endrin	6.57	220342338.4	243232929.5	22890591.1	**9.41**
Endrin aldehyde	6.91	5179237.826			
Endrin ketone	7.62	17711353.28			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	2053826744	2298027068	244200325	**10.63**
Endrin aldehyde #2	6.25	61443615.46			
Endrin ketone #2	6.98	182756709.2			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.01	365114982.7	402071544.1	36956561.3	**9.19**
4,4'-DDE	6.19	1068437.233			
4,4'-DDD	6.70	35888124.09			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	3496021709	3894922521	398900812	**10.24**
4,4'-DDE #2	5.36	8351296.931			
4,4'-DDD #2	5.92	390549515.4			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091194.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:48:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	67260764	709.4E6	19.504	19.367
28)	SA Decachlor...	9.064	8.059	100.5E6	776.5E6	20.172	19.621
	Target Compounds						
2)	A alpha-BHC	3.993	3.385	65992882	592.9E6	8.254	9.381
3)	MA gamma-BHC...	4.324	3.721	63139958	546.9E6	8.449	9.458
6)	B beta-BHC	4.511	4.018	26858838	229.1E6	9.244	9.533
12)	B 4,4'-DDE	6.188	5.362	1068437	8351297	0.184	0.156m
14)	MA Endrin	6.567	5.779	220.3E6	2053.8E6	44.393	45.446
16)	A 4,4'-DDD	6.698	5.918	35888124	390.5E6	7.307	7.992
17)	MA 4,4'-DDT	7.015	6.172	365.1E6	3496.0E6	88.288	89.338
18)	B Endrin al...	6.908	6.246	5179238	61443615	1.243m	1.741m#
20)	A Methoxychlor	7.487	6.742	450.2E6	3742.1E6	207.044	186.626
21)	B Endrin ke...	7.624	6.980	17711353	182.8E6	3.144	3.587

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091194.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

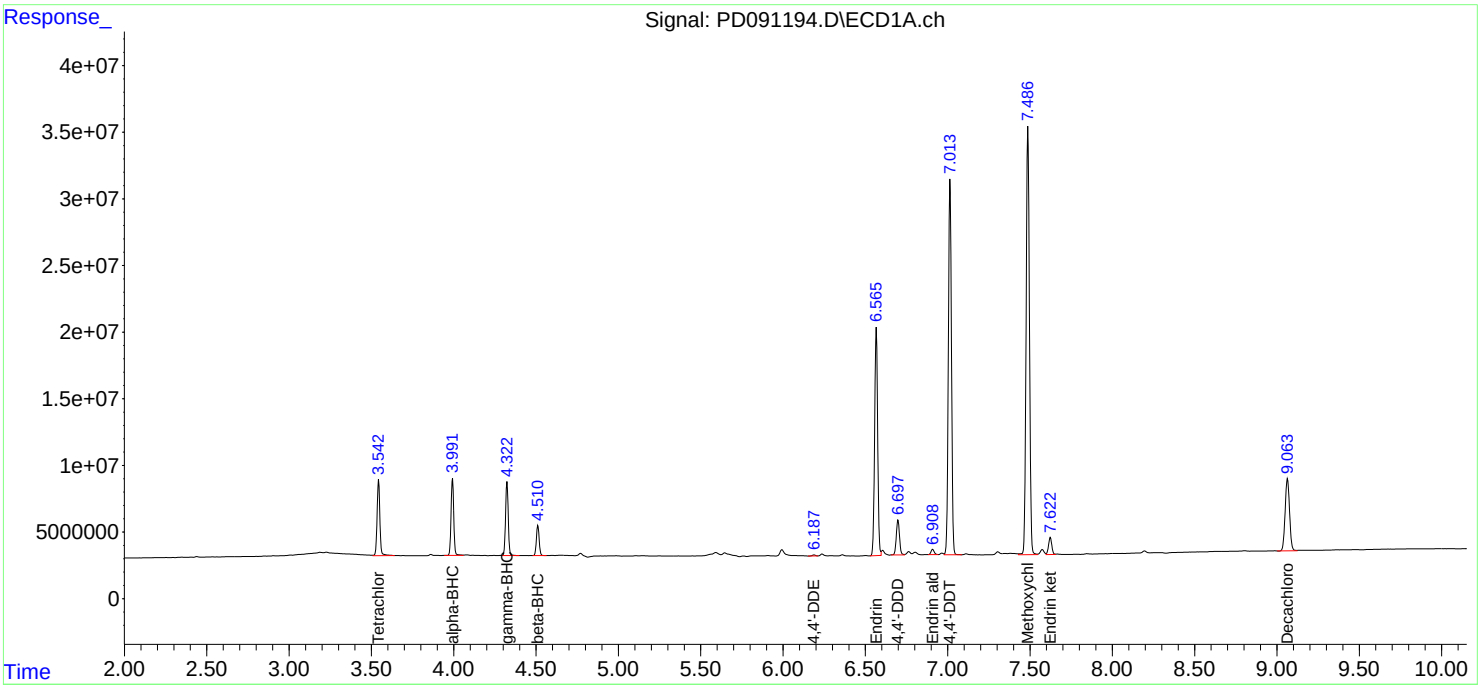
Instrument :
ECD_D
ClientSampleId :
PEM

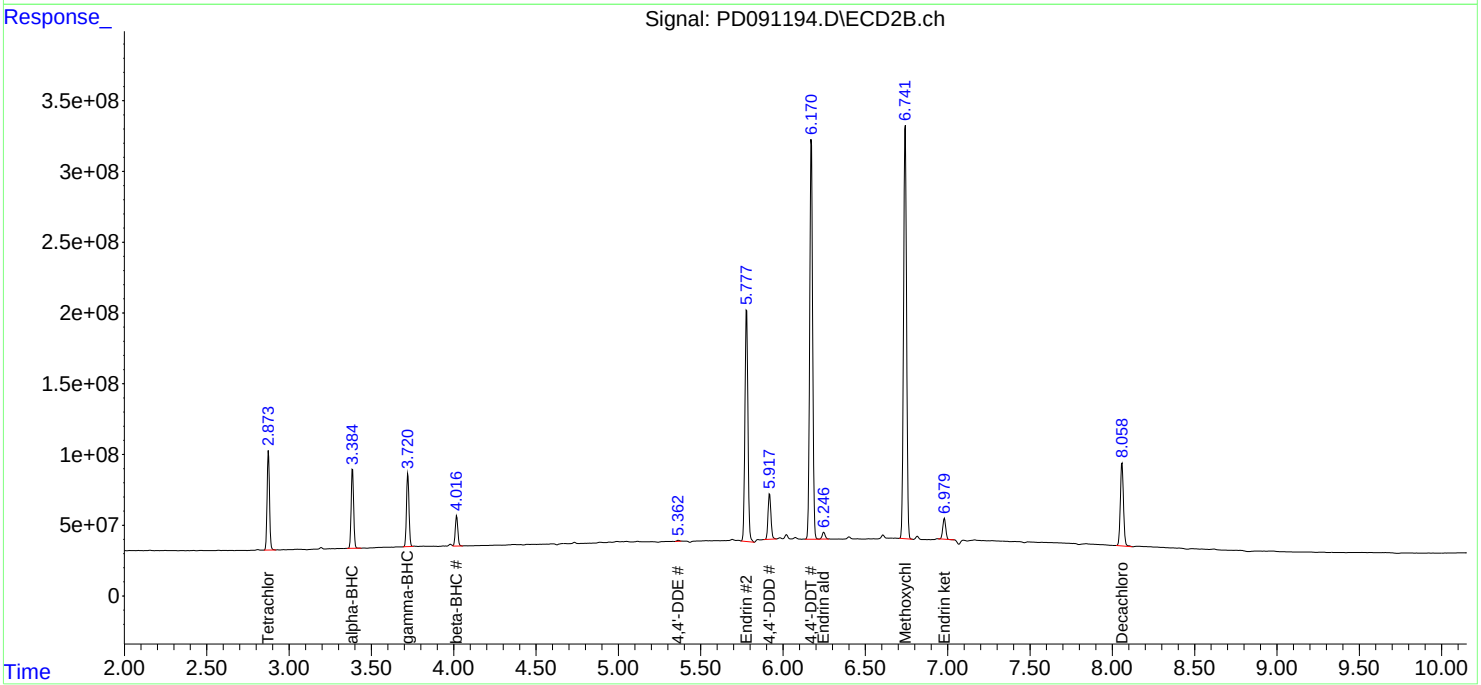
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:48:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091402.D **Date Analyzed:** 12/01/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:12

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.057	8.960	9.160	18.360	20.000	-8.2
Tetrachloro-m-xylene	3.541	3.490	3.590	19.930	20.000	-0.4
alpha-BHC	3.989	3.940	4.040	8.500	10.000	-15.0
beta-BHC	4.508	4.460	4.560	9.520	10.000	-4.8
gamma-BHC (Lindane)	4.320	4.270	4.370	8.710	10.000	-12.9
Endrin	6.562	6.490	6.630	44.560	50.000	-10.9
4,4'-DDT	7.010	6.940	7.080	85.710	100.000	-14.3
Methoxychlor	7.483	7.410	7.550	194.090	250.000	-22.4

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091402.D **Date Analyzed:** 12/01/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:12

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.054	7.950	8.150	18.980	20.000	-5.1
Tetrachloro-m-xylene	2.872	2.820	2.920	21.530	20.000	7.7
alpha-BHC	3.382	3.330	3.430	10.470	10.000	4.7
beta-BHC	4.014	3.960	4.060	10.680	10.000	6.8
gamma-BHC (Lindane)	3.718	3.670	3.770	10.540	10.000	5.4
Endrin	5.774	5.700	5.840	47.270	50.000	-5.5
4,4'-DDT	6.168	6.100	6.240	94.230	100.000	-5.8
Methoxychlor	6.738	6.670	6.810	174.700	250.000	-30.1

PEM

Data File: PD091402.D **Date Acquired** 12/1/2025 10:12

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
					Down
Endrin	6.56	221183170.9	240551897	19368726.1	**8.05**
Endrin aldehyde	6.91	4250882.098			
Endrin ketone	7.62	15117844.02			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.77	2136079804	2372231543	236151739	**9.95**
Endrin aldehyde #2	6.24	52101892.91			
Endrin ketone #2	6.98	184049846			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.01	354446329.2	384181019.6	29734690.3	**7.74**
4,4'-DDE	6.18	1626437.207			
4,4'-DDD	6.69	28108253.13			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	3687309125	4036463346	349154221	**8.65**
4,4'-DDE #2	5.36	20009064.96			
4,4'-DDD #2	5.91	329145156.2			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 10:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:10:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.541	2.872	68736462	788.6E6	19.932	21.528	
28)	SA Decachlor...	9.057	8.054	91470029	751.0E6	18.361	18.977	
	Target Compounds							
2)	A alpha-BHC	3.989	3.382	67971499	661.8E6	8.501	10.472	
3)	MA gamma-BHC...	4.320	3.718	65069316	609.3E6	8.707	10.537	
6)	B beta-BHC	4.508	4.014	27666021	256.7E6	9.522	10.682	
12)	B 4,4'-DDE	6.184	5.361	1626437	20009065	0.280	0.374	#
14)	MA Endrin	6.562	5.774	221.2E6	2136.1E6	44.562	47.266	
16)	A 4,4'-DDD	6.694	5.915	28108253	329.1E6	5.723	6.735	
17)	MA 4,4'-DDT	7.010	6.168	354.4E6	3687.3E6	85.708	94.226	
18)	B Endrin al...	6.905	6.243	4250882	52101893	1.020	1.476	#
20)	A Methoxychlor	7.483	6.738	422.0E6	3503.0E6	194.086	174.699	
21)	B Endrin ke...	7.619	6.976	15117844	184.0E6	2.684	3.612	#

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

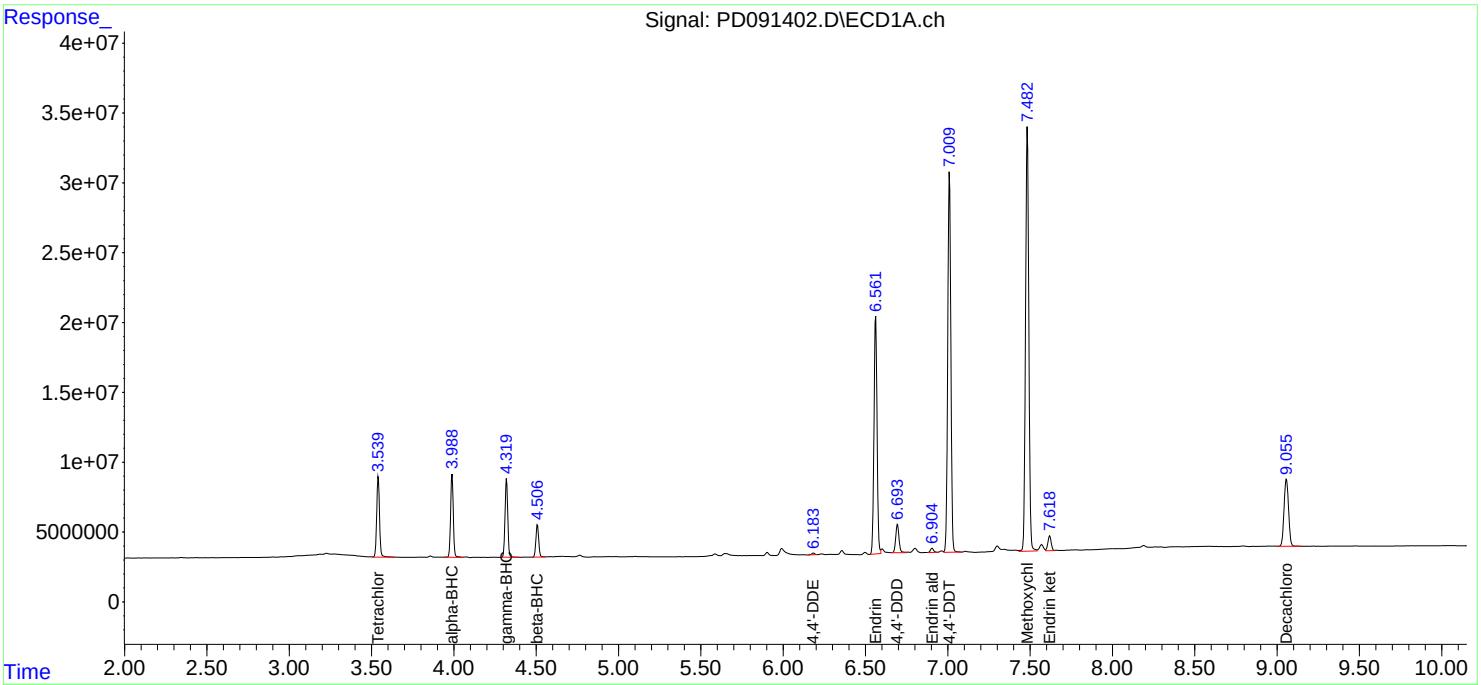
Quantitation Report (QT Reviewed)

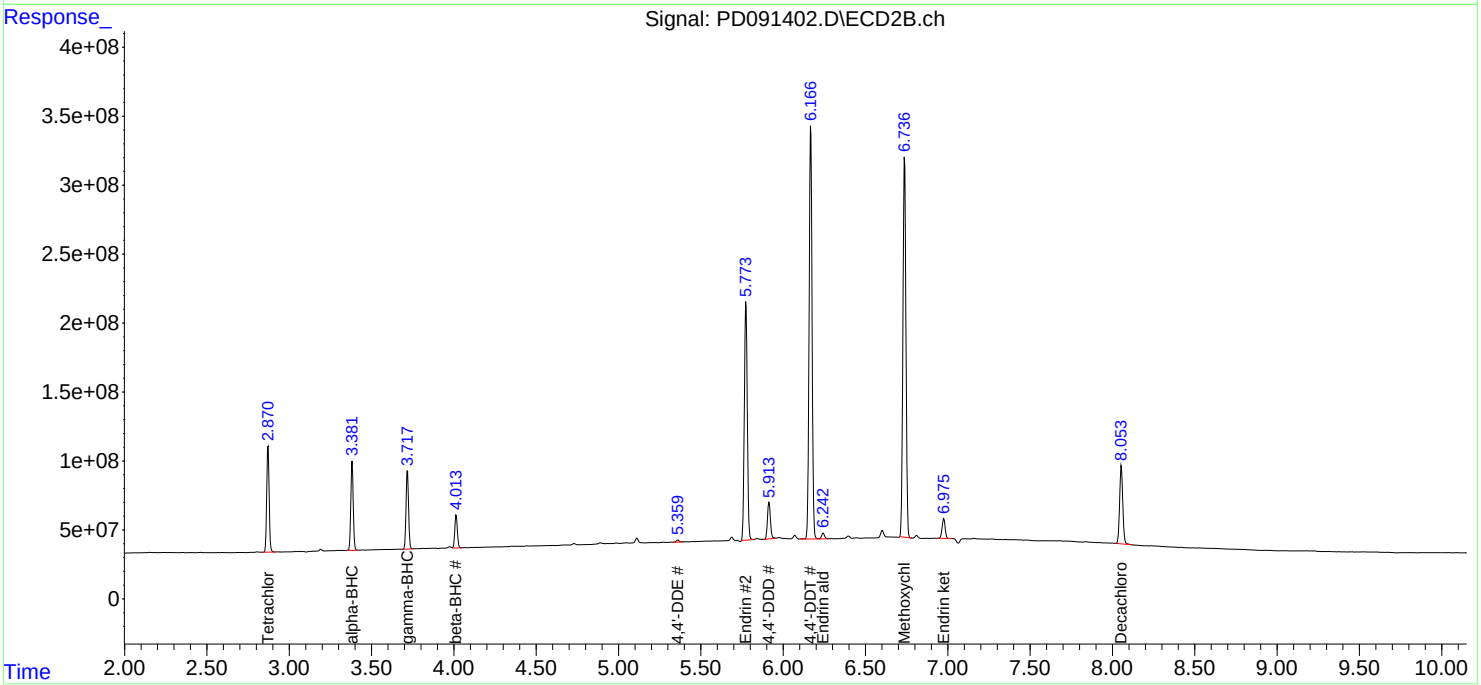
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 10:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:10:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091195.D
Acq On : 14 Nov 2025 20:43
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 51 Sample Multiplier: 1

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Title : GC Extractables
Last Update : Sat Nov 15 04:46:13 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.544	5.939	100.00%
5.939	6.067	100.00%
6.067	6.189	100.00%
6.189	6.339	100.00%
6.339	7.143	100.00%
7.143	7.487	100.00%
7.487	7.624	100.00%
7.624	9.063	100.00%

Signal #2

2.874	5.114	100.00%
5.114	5.235	100.00%
5.235	5.363	100.00%
5.363	5.501	100.00%
5.501	6.471	100.00%
6.471	6.742	100.00%
6.742	6.980	100.00%
6.980	8.059	100.00%

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091195.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:43
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:48:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.874	59572378	631.9E6	17.274	17.250
28)	SA Decachlor...	9.063	8.059	86552368	667.6E6	17.373	16.869
	Target Compounds						
9)	A Endosulfan I	6.067	5.235	45261732	379.7E6	7.368	7.934
10)	B gamma-Chl...	5.939	5.114	49362700	455.8E6	7.593	8.344
12)	B 4,4'-DDE	6.189	5.363	87544052	881.3E6	15.095	16.491
13)	MA Dieldrin	6.339	5.501	96362551	874.4E6	14.905	16.100
19)	B Endosulfa...	7.143	6.471	78876117	723.4E6	15.331	16.134
20)	A Methoxychlor	7.487	6.742	154.5E6	1426.0E6	71.049	71.120
21)	B Endrin ke...	7.624	6.980	80568543	766.5E6	14.302	15.043

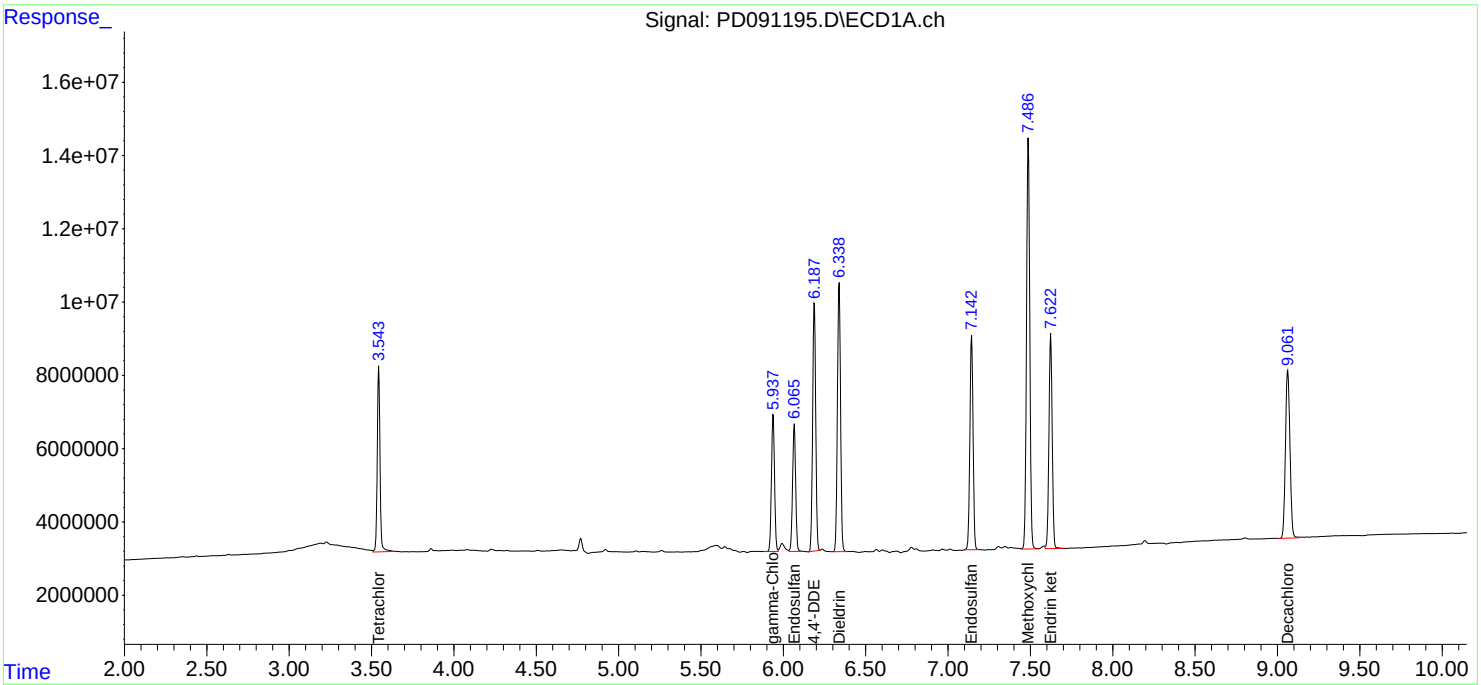
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

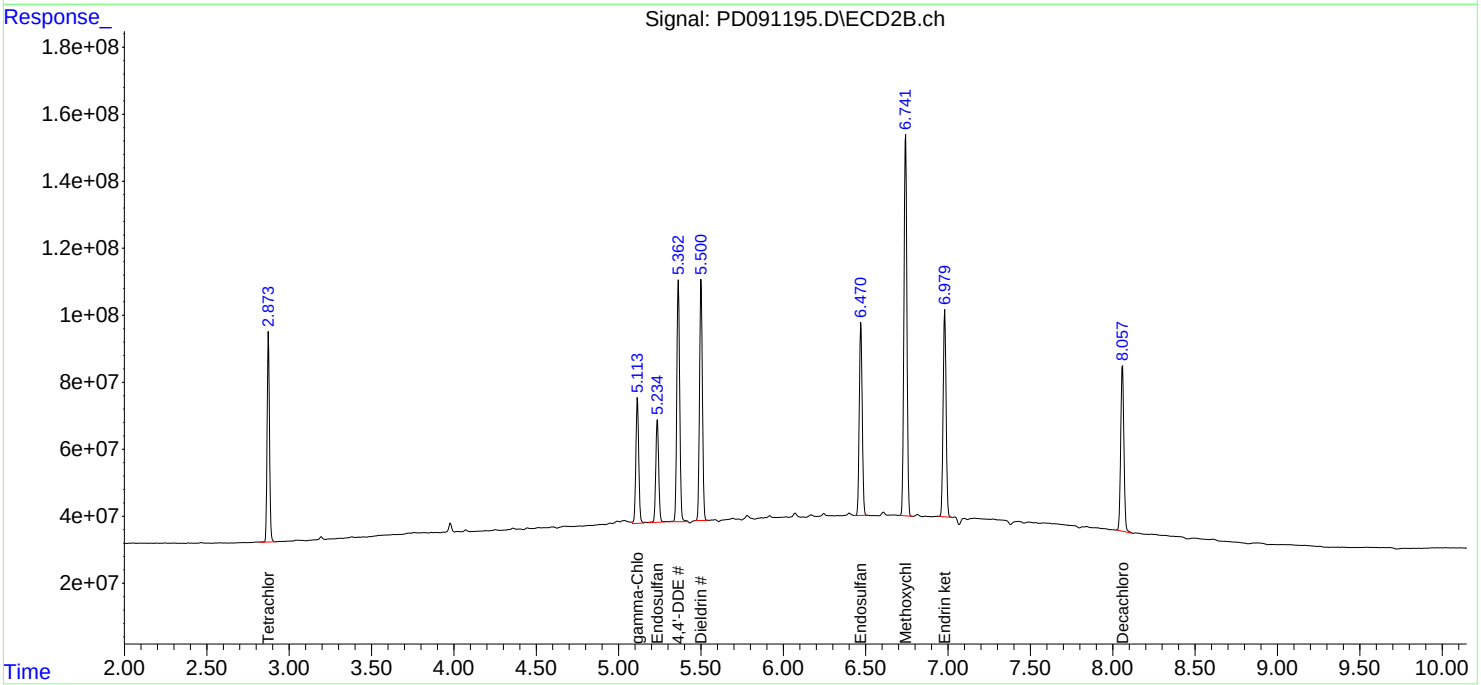
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091195.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:43
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:48:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Analytical Sequence

Client: Roman E&G Corp **SDG No.:** Q3725

Project: AQUA Woolwich Pump Station 22-531 **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/14/2025 11/14/2025

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	11/14/2025	20:01	PD091193.D	9.06	3.54
PEM	PEM	11/14/2025	20:15	PD091194.D	9.06	3.54
RESCHK	RESCHK	11/14/2025	20:43	PD091195.D	9.06	3.54
PSTDICC100	PSTDICC100	11/14/2025	20:56	PD091196.D	9.06	3.54
PSTDICC075	PSTDICC075	11/14/2025	21:10	PD091197.D	9.06	3.54
PSTDICC050	PSTDICC050	11/14/2025	21:24	PD091198.D	9.06	3.54
PSTDICC025	PSTDICC025	11/14/2025	21:37	PD091199.D	9.07	3.54
PSTDICC005	PSTDICC005	11/14/2025	21:51	PD091200.D	9.06	3.54
PCHLORICC500	PCHLORICC500	11/14/2025	22:32	PD091203.D	9.06	3.54
PTOXICC500	PTOXICC500	11/14/2025	23:40	PD091208.D	9.06	3.54
I.BLK	I.BLK	12/01/2025	09:59	PD091401.D	9.06	3.54
PEM	PEM	12/01/2025	10:12	PD091402.D	9.06	3.54
PSTDCCC050	PSTDCCC050	12/01/2025	10:26	PD091403.D	9.06	3.54
PB170762BL	PB170762BL	12/01/2025	12:32	PD091405.D	9.07	3.55
PB170762BS	PB170762BS	12/01/2025	12:45	PD091406.D	9.06	3.54
STOCKPILE-SAMPLES	Q3725-04	12/01/2025	12:59	PD091407.D	9.06	3.54
BU-3-112625MS	Q3735-01MS	12/01/2025	13:53	PD091411.D	9.06	3.54
BU-3-112625MSD	Q3735-01MSD	12/01/2025	14:07	PD091412.D	9.06	3.54
I.BLK	I.BLK	12/01/2025	14:21	PD091413.D	9.06	3.54
PSTDCCC050	PSTDCCC050	12/01/2025	15:11	PD091414.D	9.07	3.55

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Analytical Sequence

Client: Roman E&G Corp **SDG No.:** Q3725

Project: AQUA Woolwich Pump Station 22-531 **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/14/2025 11/14/2025

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	11/14/2025	20:01	PD091193.D	8.06	2.88
PEM	PEM	11/14/2025	20:15	PD091194.D	8.06	2.87
RESCHK	RESCHK	11/14/2025	20:43	PD091195.D	8.06	2.87
PSTDICC100	PSTDICC100	11/14/2025	20:56	PD091196.D	8.06	2.87
PSTDICC075	PSTDICC075	11/14/2025	21:10	PD091197.D	8.06	2.87
PSTDICC050	PSTDICC050	11/14/2025	21:24	PD091198.D	8.06	2.87
PSTDICC025	PSTDICC025	11/14/2025	21:37	PD091199.D	8.06	2.87
PSTDICC005	PSTDICC005	11/14/2025	21:51	PD091200.D	8.06	2.87
PCHLORICC500	PCHLORICC500	11/14/2025	22:32	PD091203.D	8.06	2.87
PTOXICC500	PTOXICC500	11/14/2025	23:40	PD091208.D	8.06	2.87
I.BLK	I.BLK	12/01/2025	09:59	PD091401.D	8.05	2.87
PEM	PEM	12/01/2025	10:12	PD091402.D	8.05	2.87
PSTDCCC050	PSTDCCC050	12/01/2025	10:26	PD091403.D	8.05	2.87
PB170762BL	PB170762BL	12/01/2025	12:32	PD091405.D	8.06	2.87
PB170762BS	PB170762BS	12/01/2025	12:45	PD091406.D	8.05	2.87
STOCKPILE-SAMPLES	Q3725-04	12/01/2025	12:59	PD091407.D	8.05	2.87
BU-3-112625MS	Q3735-01MS	12/01/2025	13:53	PD091411.D	8.05	2.87
BU-3-112625MSD	Q3735-01MSD	12/01/2025	14:07	PD091412.D	8.05	2.87
I.BLK	I.BLK	12/01/2025	14:21	PD091413.D	8.05	2.87
PSTDCCC050	PSTDCCC050	12/01/2025	15:11	PD091414.D	8.06	2.87

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BU-3-112625MS

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Lab Sample ID: Q3735-01MS **Date(s) Analyzed:** 12/01/2025 12/01/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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	6.69	6.64	6.74	22.1	9.9
	2	5.91	5.86	5.96	24.4	
4,4'-DDE	1	6.18	6.13	6.23	28.6	16.1
	2	5.36	5.31	5.41	33.6	
Endosulfan II	1	6.78	6.73	6.83	17.9	4.9
	2	6.07	6.02	6.12	18.8	
4,4'-DDT	1	7.01	6.96	7.06	18.9	12.9
	2	6.17	6.12	6.22	21.5	
Endosulfan sulfate	1	7.14	7.09	7.19	16.0	2.5
	2	6.47	6.42	6.52	16.4	
Methoxychlor	1	7.48	7.43	7.53	16.0	16.9
	2	6.74	6.69	6.79	13.5	
alpha-BHC	1	3.99	3.94	4.04	17.0	22.5
	2	3.38	3.33	3.43	21.3	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	17.0	21.5
	2	3.72	3.67	3.77	21.1	
Heptachlor	1	4.92	4.87	4.97	15.7	15.3
	2	4.07	4.02	4.12	18.3	
Aldrin	1	5.26	5.21	5.31	17.3	20.3
	2	4.36	4.31	4.41	21.2	
beta-BHC	1	4.51	4.46	4.56	21.8	4.5
	2	4.02	3.97	4.07	22.8	
Heptachlor epoxide	1	5.68	5.63	5.73	19.0	13.3
	2	4.86	4.81	4.91	21.7	
Endosulfan I	1	6.06	6.01	6.11	18.3	12.3
	2	5.23	5.18	5.28	20.7	
gamma-Chlordane	1	5.93	5.88	5.98	18.0	29.8
	2	5.11	5.06	5.16	24.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BU-3-112625MS

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Lab Sample ID: Q3735-01MS **Date(s) Analyzed:** 12/01/2025 12/01/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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
alpha-Chlordane	1	6.01	5.96	6.06	21.7	2.3
	2	5.18	5.13	5.23	22.2	
Dieldrin	1	6.33	6.28	6.38	16.6	22.9
	2	5.50	5.45	5.55	20.9	
Endrin	1	6.56	6.51	6.61	17.8	24.6
	2	5.78	5.73	5.83	22.8	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BU-3-112625MSD

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Lab Sample ID: Q3735-01MSD **Date(s) Analyzed:** 12/01/2025 12/01/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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	6.78	6.73	6.83	17.8	7.6
	2	6.07	6.02	6.12	19.2	
4,4'-DDD	1	6.70	6.65	6.75	22.9	7.6
	2	5.92	5.87	5.97	24.7	
4,4'-DDT	1	7.01	6.96	7.06	19.9	14.5
	2	6.17	6.12	6.22	23.0	
Endosulfan sulfate	1	7.14	7.09	7.19	16.6	7
	2	6.47	6.42	6.52	17.8	
Methoxychlor	1	7.48	7.43	7.53	16.0	4.5
	2	6.74	6.69	6.79	15.3	
alpha-BHC	1	3.99	3.94	4.04	17.0	22
	2	3.38	3.33	3.43	21.2	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	17.9	17.3
	2	3.72	3.67	3.77	21.3	
Heptachlor	1	4.92	4.87	4.97	17.0	14.2
	2	4.07	4.02	4.12	19.6	
Aldrin	1	5.26	5.21	5.31	17.6	19.5
	2	4.36	4.31	4.41	21.4	
beta-BHC	1	4.51	4.46	4.56	21.5	4.5
	2	4.02	3.97	4.07	22.5	
Heptachlor epoxide	1	5.68	5.63	5.73	19.8	10.1
	2	4.86	4.81	4.91	21.9	
Endosulfan I	1	6.06	6.01	6.11	18.5	9.8
	2	5.23	5.18	5.28	20.4	
gamma-Chlordane	1	5.93	5.88	5.98	18.3	27.8
	2	5.11	5.06	5.16	24.2	
alpha-Chlordane	1	6.02	5.97	6.07	22.5	1.8
	2	5.18	5.13	5.23	22.1	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

BU-3-112625MSD

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Lab Sample ID: Q3735-01MSD **Date(s) Analyzed:** 12/01/2025 12/01/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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'-DDE	1	6.19	6.14	6.24	29.6	15.3
	2	5.36	5.31	5.41	34.5	
Dieldrin	1	6.34	6.29	6.39	17.0	22
	2	5.50	5.45	5.55	21.2	
Endrin	1	6.56	6.51	6.61	18.6	41.4
	2	5.78	5.73	5.83	28.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170762BS

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Lab Sample ID: PB170762BS **Date(s) Analyzed:** 12/01/2025 12/01/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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	6.70	6.65	6.75	15.4	5.7
	2	5.91	5.86	5.96	16.3	
4,4'-DDT	1	7.01	6.96	7.06	14.9	10.2
	2	6.17	6.12	6.22	16.5	
alpha-BHC	1	3.99	3.94	4.04	15.5	6.9
	2	3.38	3.33	3.43	16.6	
Aldrin	1	5.26	5.21	5.31	15.5	8.6
	2	4.36	4.31	4.41	16.9	
beta-BHC	1	4.51	4.46	4.56	15.2	8.8
	2	4.01	3.96	4.06	16.6	
alpha-Chlordane	1	6.02	5.97	6.07	14.9	13.8
	2	5.18	5.13	5.23	17.1	
4,4'-DDE	1	6.19	6.14	6.24	15.8	6.7
	2	5.36	5.31	5.41	16.9	
Endosulfan II	1	6.78	6.73	6.83	15.5	8.6
	2	6.07	6.02	6.12	16.9	
Endosulfan sulfate	1	7.14	7.09	7.19	15.3	8.7
	2	6.47	6.42	6.52	16.7	
Methoxychlor	1	7.48	7.43	7.53	13.8	5.6
	2	6.74	6.69	6.79	14.6	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	15.6	6.2
	2	3.72	3.67	3.77	16.6	
Heptachlor	1	4.92	4.87	4.97	15.0	7.1
	2	4.07	4.02	4.12	16.1	
Heptachlor epoxide	1	5.68	5.63	5.73	15.5	8.6
	2	4.86	4.81	4.91	16.9	
Endosulfan I	1	6.06	6.01	6.11	15.6	9.2
	2	5.23	5.18	5.28	17.1	

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170762BS

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Lab Sample ID: PB170762BS **Date(s) Analyzed:** 12/01/2025 12/01/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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
gamma-Chlordane	1	5.94	5.89	5.99	15.9	7.9
	2	5.11	5.06	5.16	17.2	
Dieldrin	1	6.34	6.29	6.39	15.8	6.1
	2	5.50	5.45	5.55	16.8	
Endrin	1	6.56	6.51	6.61	14.5	4.7
	2	5.77	5.72	5.82	15.2	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

STOCKPILE-SAMPLES

Lab Name: Alliance **Contract:** ROMA02

Lab Code: ACE **SDG NO.:** Q3725

Lab Sample ID: Q3725-04 **Date(s) Analyzed:** 12/01/2025 12/01/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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	1	4.92	4.87	4.97	0.20	32.4
	2	4.07	4.02	4.12	0.27	
gamma-Chlordane	1	5.94	5.89	5.99	2.30	19.6
	2	5.11	5.06	5.16	2.80	
alpha-Chlordane	1	6.02	5.97	6.07	3.30	12.9
	2	5.18	5.13	5.23	2.90	
4,4'-DDE	1	6.18	6.13	6.23	2.00	0
	2	5.36	5.31	5.41	2.00	
Dieldrin	1	6.33	6.28	6.38	0.41	41.2
	2	5.50	5.45	5.55	0.63	
4,4'-DDD	1	6.69	6.64	6.74	1.20	40.7
	2	5.91	5.86	5.96	0.79	
4,4'-DDT	1	7.01	6.96	7.06	1.40	52.6
	2	6.17	6.12	6.22	2.40	

QC SAMPLE DATA

Raw Data: **PD091405.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	
Client Sample ID:	PB170762BL	SDG No.:	Q3725
Lab Sample ID:	PB170762BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.02 g Final Vol: 10000 uL	Test:	PESTICIDE NJCLEAN Group New
Prep Method:	SW3541B Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.13	U	1	0.13	1.70	ug/kg	12/01/25 12:32	PB170762
319-85-7	beta-BHC	0.18	U	1	0.18	1.70	ug/kg	12/01/25 12:32	PB170762
58-89-9	gamma-BHC (Lindane)	0.14	U	1	0.14	1.70	ug/kg	12/01/25 12:32	PB170762
76-44-8	Heptachlor	0.12	U	1	0.12	1.70	ug/kg	12/01/25 12:32	PB170762
309-00-2	Aldrin	0.12	U	1	0.12	1.70	ug/kg	12/01/25 12:32	PB170762
1024-57-3	Heptachlor epoxide	0.19	U	1	0.19	1.70	ug/kg	12/01/25 12:32	PB170762
959-98-8	Endosulfan I	0.14	U	1	0.14	1.70	ug/kg	12/01/25 12:32	PB170762
60-57-1	Dieldrin	0.14	U	1	0.14	1.70	ug/kg	12/01/25 12:32	PB170762
72-55-9	4,4-DDE	0.14	U	1	0.14	1.70	ug/kg	12/01/25 12:32	PB170762
72-20-8	Endrin	0.14	U	1	0.14	1.70	ug/kg	12/01/25 12:32	PB170762
33213-65-9	Endosulfan II	0.29	U	1	0.29	1.70	ug/kg	12/01/25 12:32	PB170762
72-54-8	4,4-DDD	0.15	U	1	0.15	1.70	ug/kg	12/01/25 12:32	PB170762
1031-07-8	Endosulfan Sulfate	0.13	U	1	0.13	1.70	ug/kg	12/01/25 12:32	PB170762
50-29-3	4,4-DDT	0.14	U	1	0.14	1.70	ug/kg	12/01/25 12:32	PB170762
72-43-5	Methoxychlor	0.37	U	1	0.37	1.70	ug/kg	12/01/25 12:32	PB170762
5103-71-9	alpha-Chlordane	0.12	U	1	0.12	1.70	ug/kg	12/01/25 12:32	PB170762
5103-74-2	gamma-Chlordane	0.15	U	1	0.15	1.70	ug/kg	12/01/25 12:32	PB170762
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	12/01/25 12:32	PB170762
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.0			30 (10) - 150 (143)	105%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.3			30 (10) - 150 (131)	111%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 12:32
Operator : AR\AJ
Sample : PB170762BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170762BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:11:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.548	2.871	68590047	816.0E6	19.889	22.278
28)	SA Decachlor...	9.067	8.056	102.4E6	832.1E6	20.549	21.026
	Target Compounds						

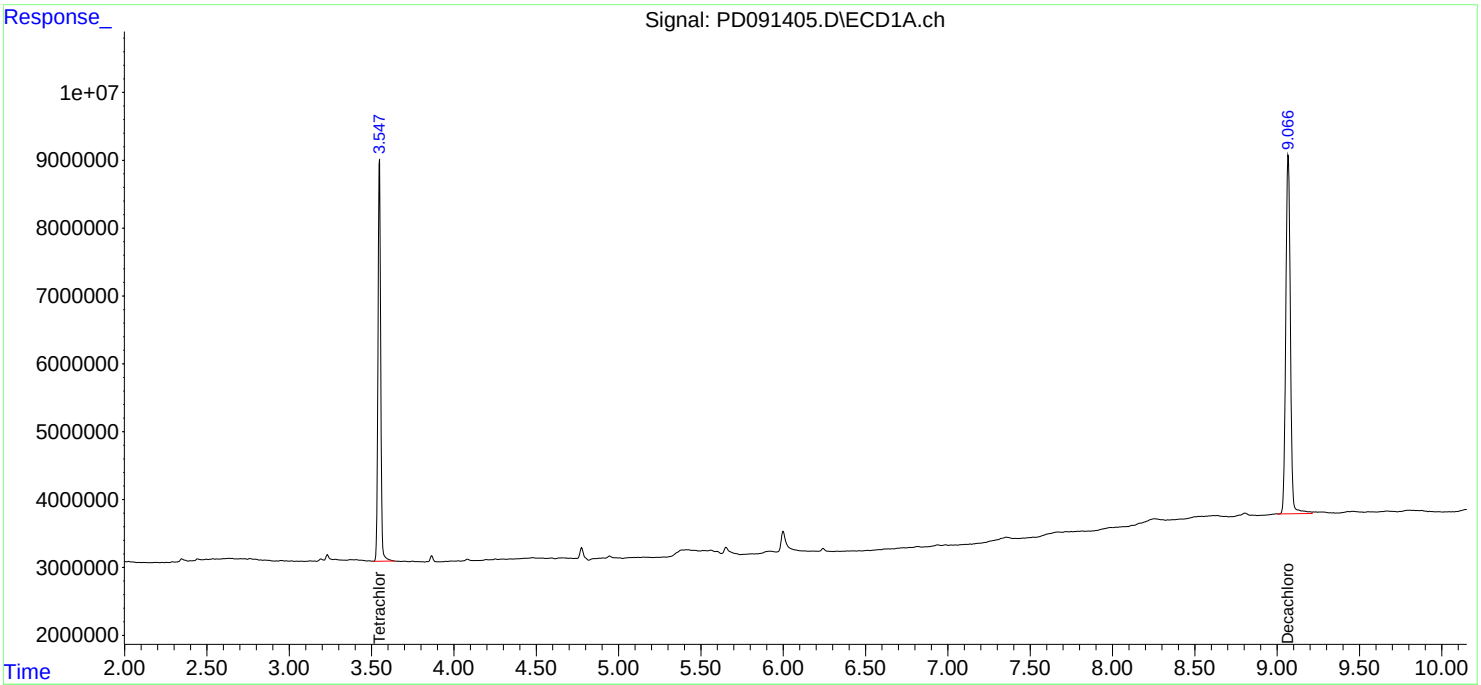
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

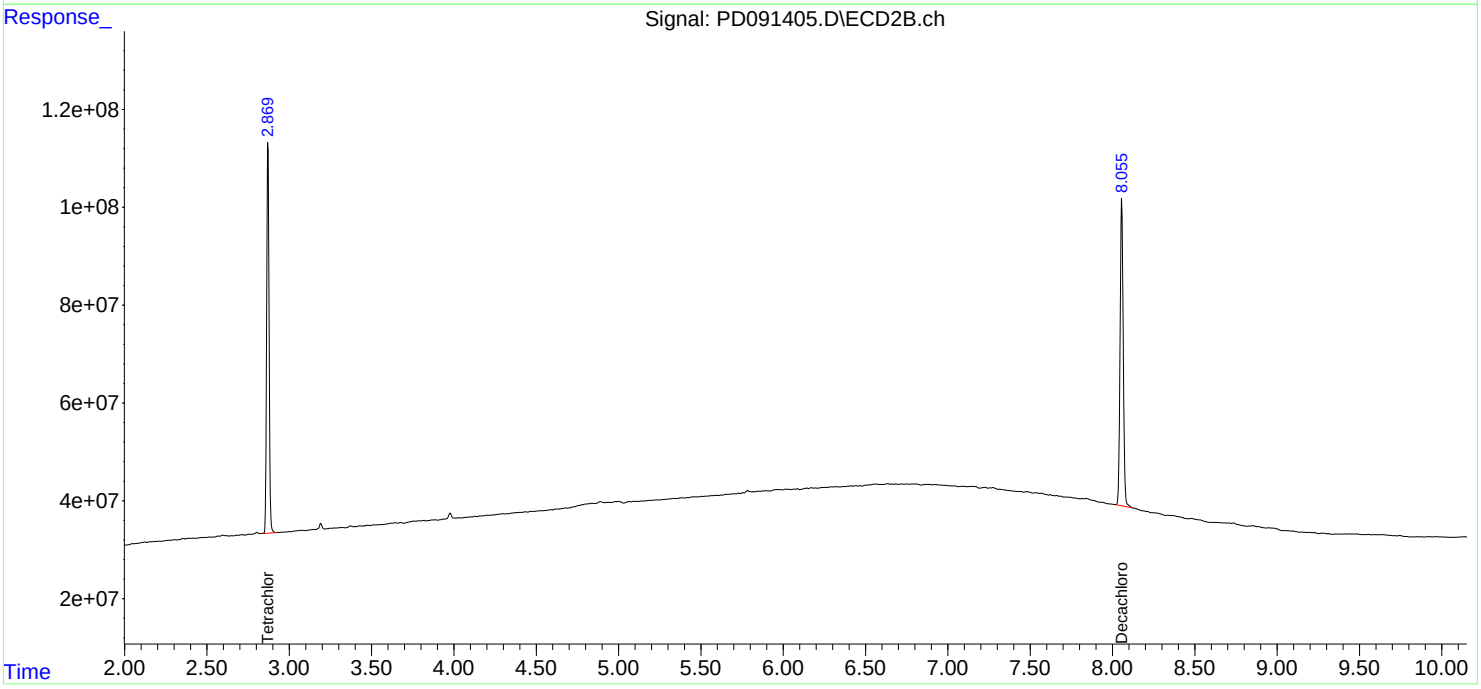
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 12:32
Operator : AR\AJ
Sample : PB170762BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

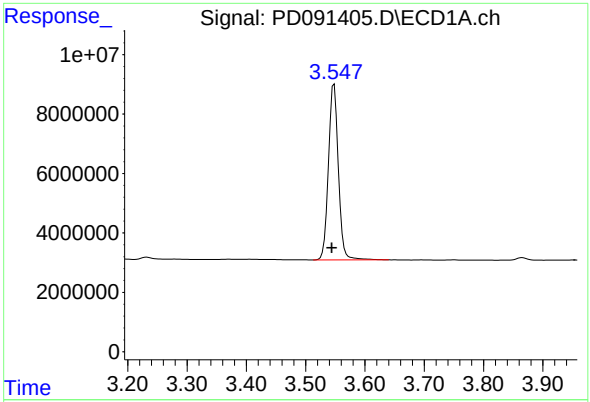
Instrument :
ECD_D
ClientSampleId :
PB170762BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:11:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



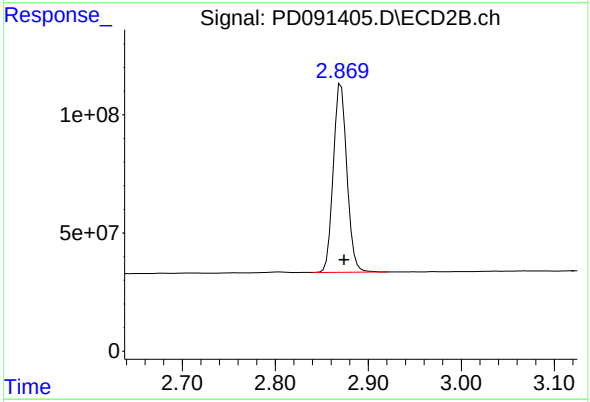




#1 Tetrachloro-m-xylene

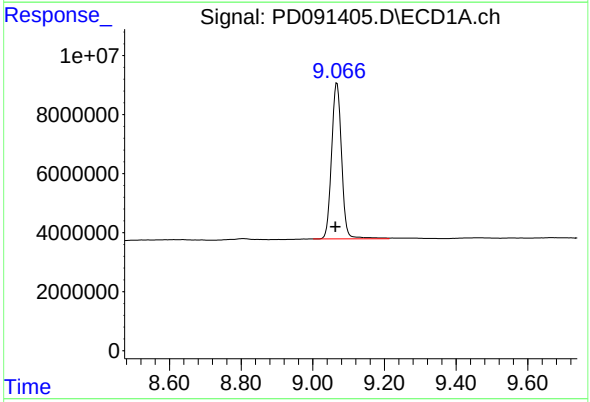
R.T.: 3.548 min
Delta R.T.: 0.004 min
Response: 68590047
Conc: 19.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170762BL



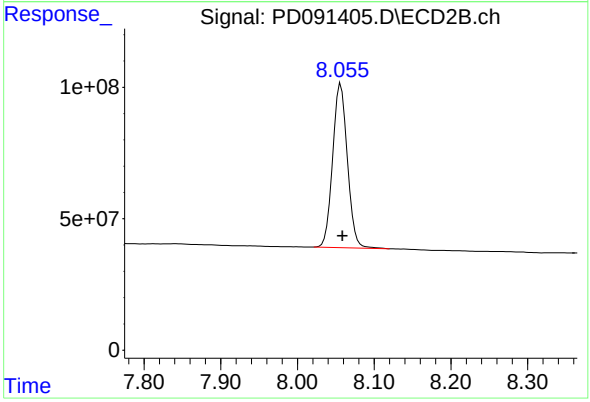
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 816041580
Conc: 22.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.004 min
Response: 102373801
Conc: 20.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.002 min
Response: 832119346
Conc: 21.03 ng/ml

Raw Data: **PD091193.D**

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Fax : 908 789 8922

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/14/25
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	11/14/25
Client Sample ID:	PIBLK-PD091193.D	SDG No.:	Q3725
Lab Sample ID:	I.BLK-PD091193.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PESTICIDE NJCLEAN Group New
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/14/25	PD111525
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/14/25	PD111525
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/14/25	PD111525
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/14/25	PD111525
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/14/25	PD111525
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/14/25	PD111525
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/14/25	PD111525
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/14/25	PD111525
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/14/25	PD111525
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/14/25	PD111525
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/14/25	PD111525
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/14/25	PD111525
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/14/25	PD111525
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/14/25	PD111525
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/14/25	PD111525
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/14/25	PD111525
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/14/25	PD111525
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/14/25	PD111525
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.8			30 (31) - 150 (149)	104%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			30 (41) - 150 (134)	100%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:01
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.544	2.875	67367446	734.0E6	19.535	20.038
28)	SA Decachlor...	9.064	8.059	103.5E6	793.9E6	20.767	20.060
	Target Compounds						

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

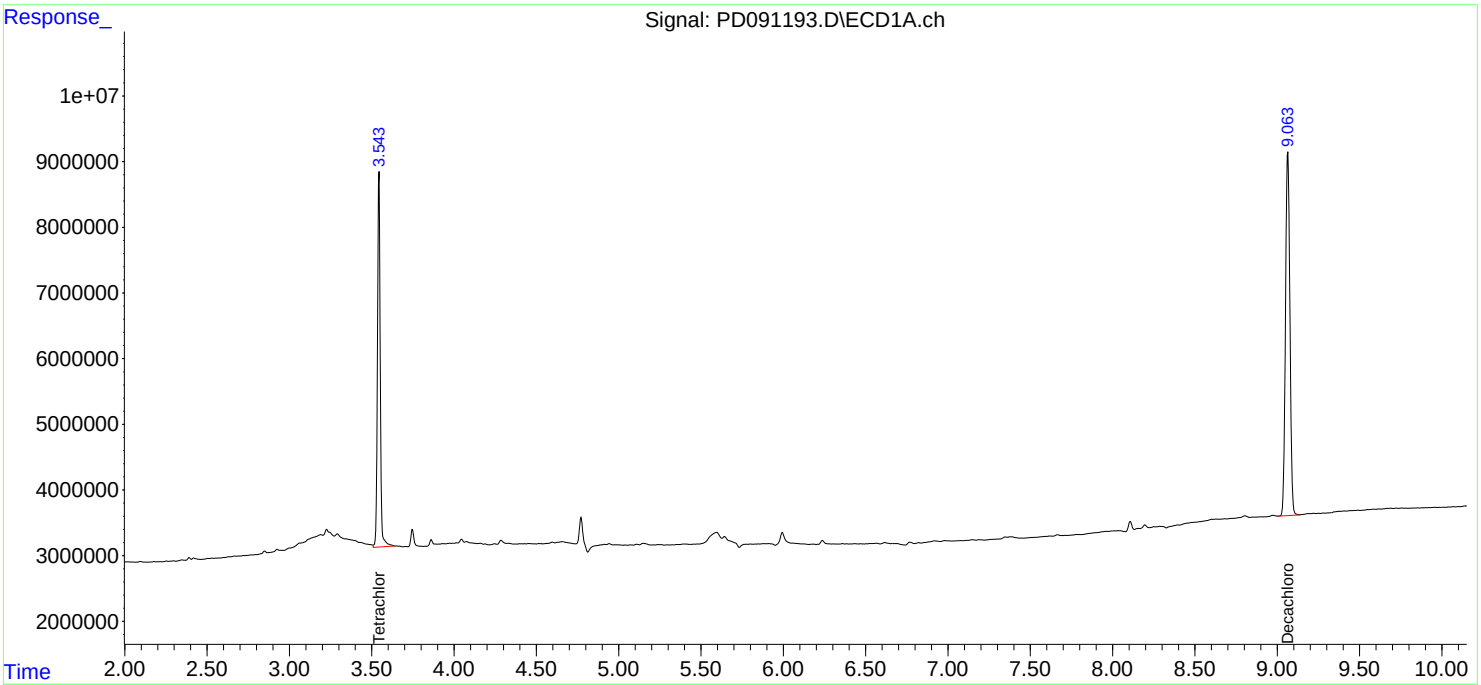
Sample Results: **PD091193.D**

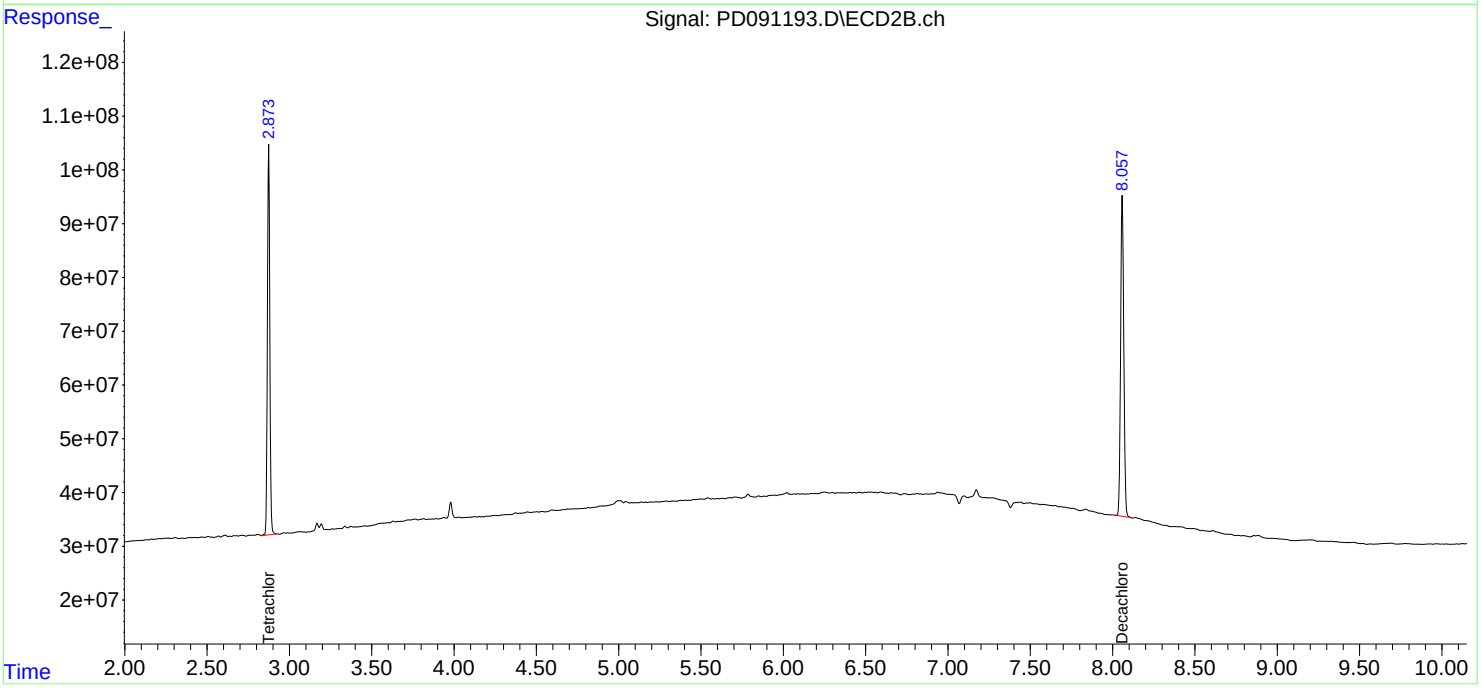
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111525\
Data File : PD091193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2025 20:01
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 52 Sample Multiplier: 1

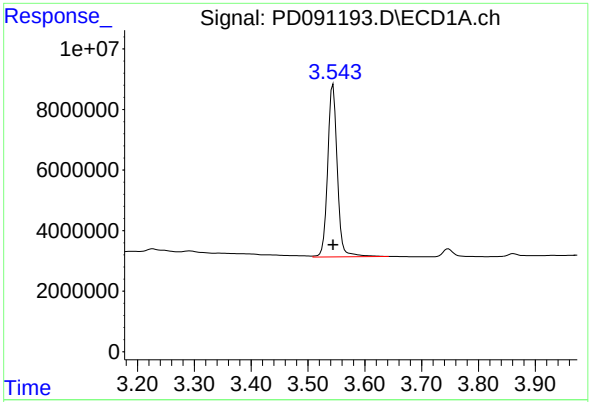
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 04:47:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



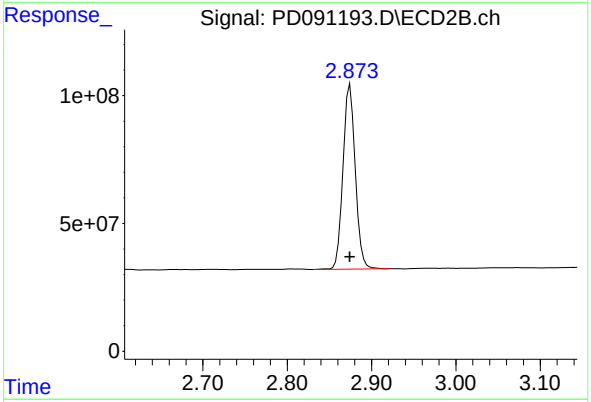




#1 Tetrachloro-m-xylene

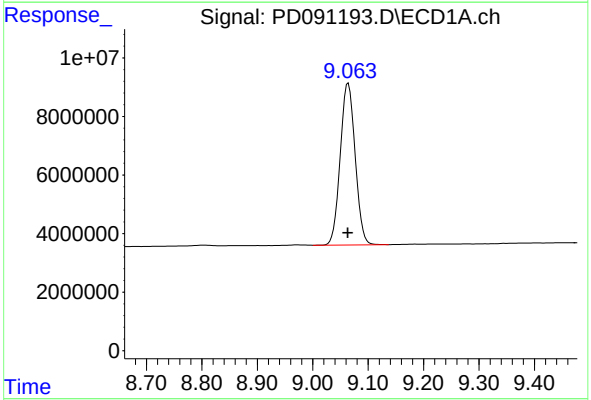
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 67367446
Conc: 19.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



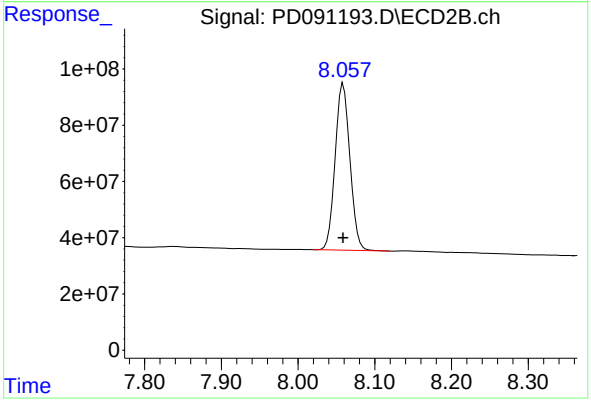
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 734006061
Conc: 20.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 103459386
Conc: 20.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 793870994
Conc: 20.06 ng/ml

Raw Data: **PD091401.D**

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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	12/01/25
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	12/01/25
Client Sample ID:	PIBLK-PD091401.D	SDG No.:	Q3725
Lab Sample ID:	I.BLK-PD091401.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PESTICIDE NJCLEAN Group New
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	12/01/25	PD120125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	12/01/25	PD120125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	12/01/25	PD120125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	12/01/25	PD120125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	12/01/25	PD120125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	12/01/25	PD120125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	12/01/25	PD120125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	12/01/25	PD120125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	12/01/25	PD120125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	12/01/25	PD120125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	12/01/25	PD120125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	12/01/25	PD120125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	12/01/25	PD120125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	12/01/25	PD120125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	12/01/25	PD120125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	12/01/25	PD120125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	12/01/25	PD120125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	12/01/25	PD120125
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.5			30 (31) - 150 (149)	97%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.0			30 (41) - 150 (134)	115%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 09:59
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:10:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.541	2.871	70904062	842.4E6	20.560	22.998
28)	SA Decachlor...	9.057	8.054	95797677	771.1E6	19.229	19.485
	Target Compounds						

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

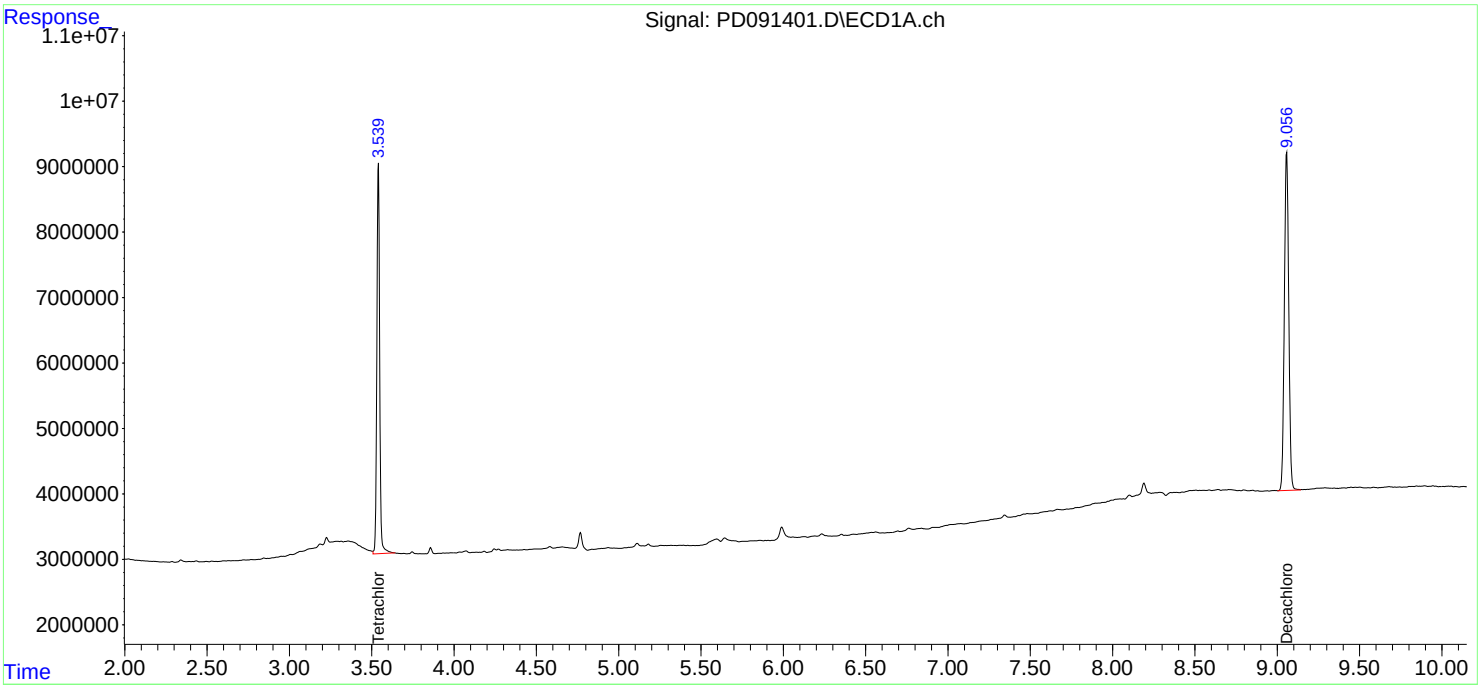
Sample Results: **PD091401.D**

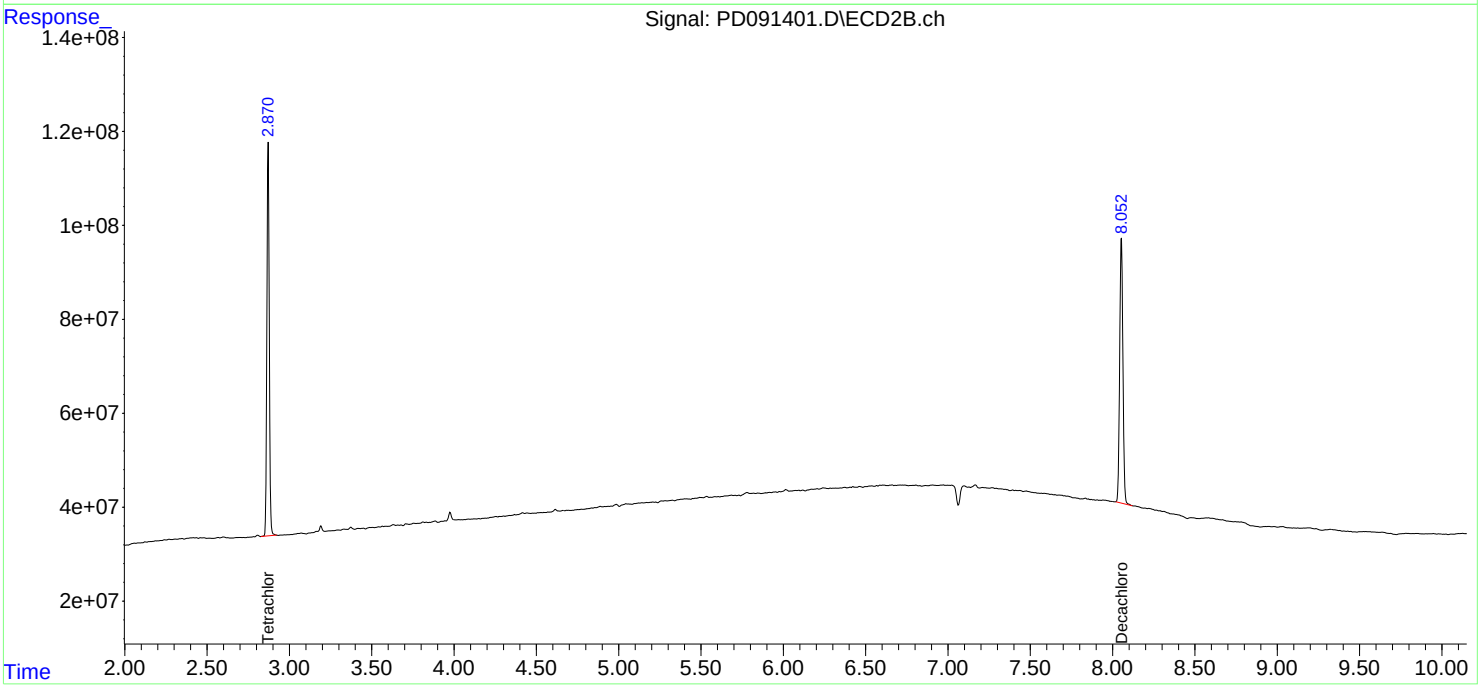
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091401.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 09:59
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

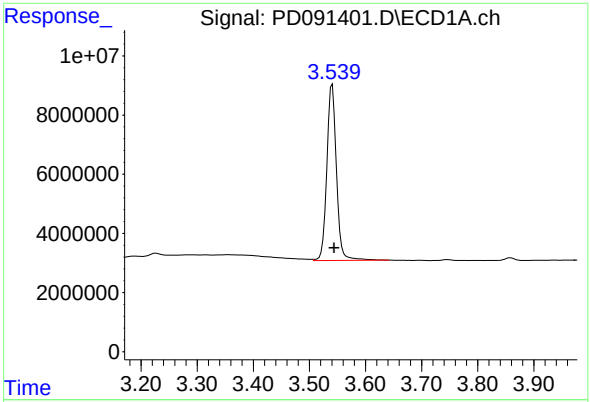
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:10:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



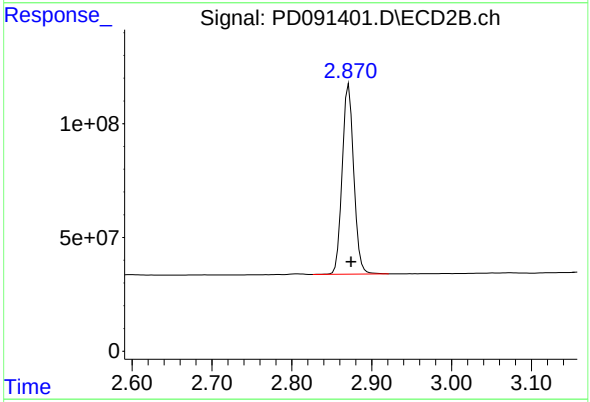




#1 Tetrachloro-m-xylene

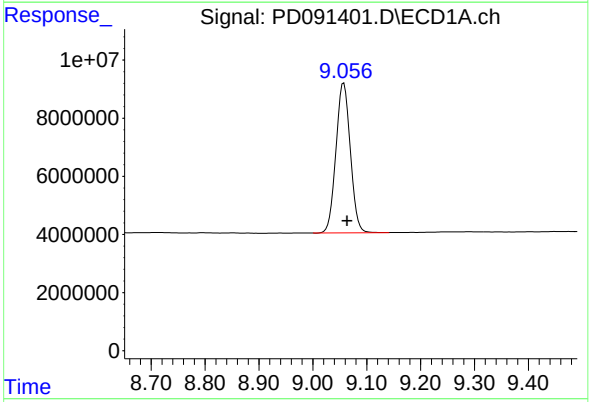
R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 70904062
Conc: 20.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



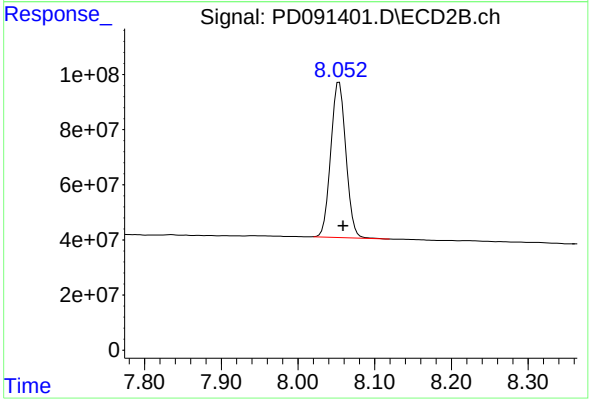
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 842411495
Conc: 23.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.006 min
Response: 95797677
Conc: 19.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: -0.005 min
Response: 771099881
Conc: 19.48 ng/ml

Raw Data: **PD091413.D**

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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	12/01/25
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	12/01/25
Client Sample ID:	PIBLK-PD091413.D	SDG No.:	Q3725
Lab Sample ID:	I.BLK-PD091413.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PESTICIDE NJCLEAN Group New
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	12/01/25	PD120125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	12/01/25	PD120125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	12/01/25	PD120125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	12/01/25	PD120125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	12/01/25	PD120125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	12/01/25	PD120125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	12/01/25	PD120125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	12/01/25	PD120125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	12/01/25	PD120125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	12/01/25	PD120125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	12/01/25	PD120125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	12/01/25	PD120125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	12/01/25	PD120125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	12/01/25	PD120125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	12/01/25	PD120125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	12/01/25	PD120125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	12/01/25	PD120125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	12/01/25	PD120125
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.0			30 (31) - 150 (149)	95%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.4			30 (41) - 150 (134)	107%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 14:21
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:13:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.541	2.872	71120564	785.5E6	20.623	21.444
28)	SA Decachlor...	9.057	8.054	94789404	644.6E6	19.027	16.289
	Target Compounds						

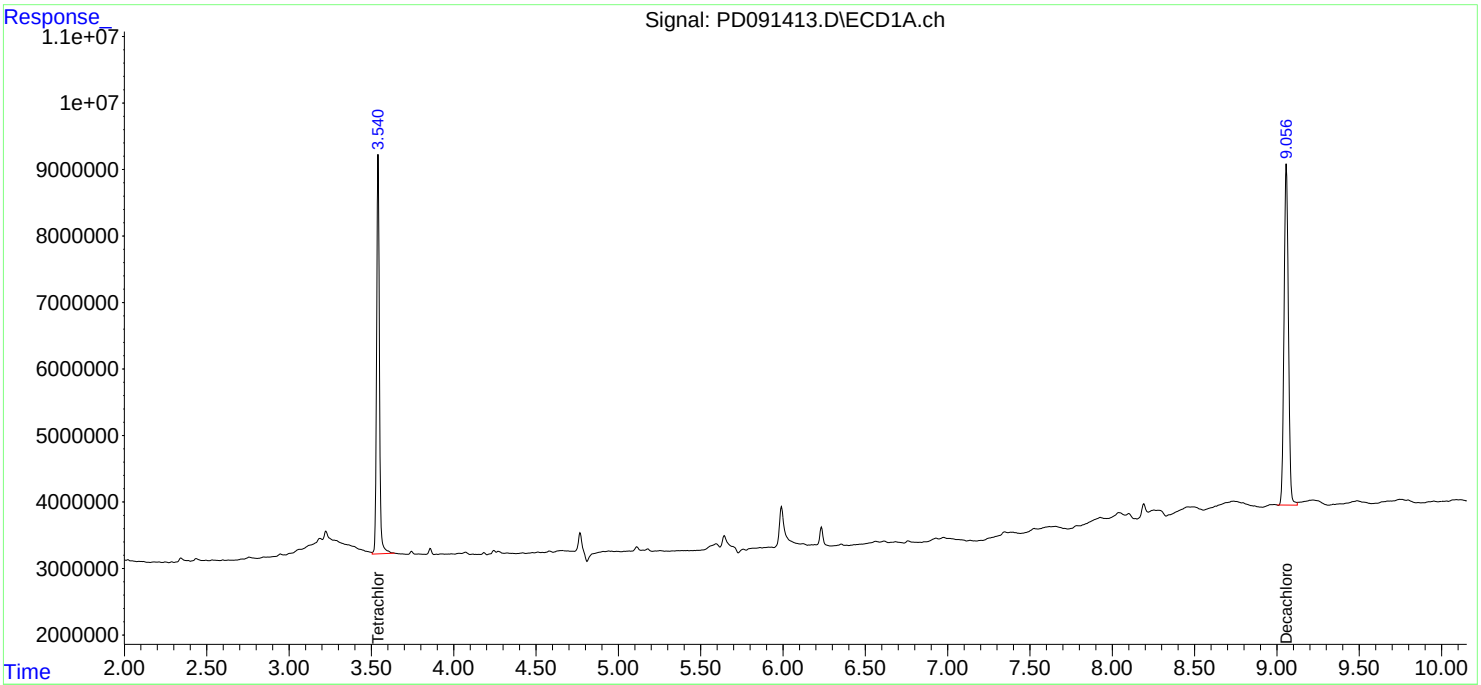
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

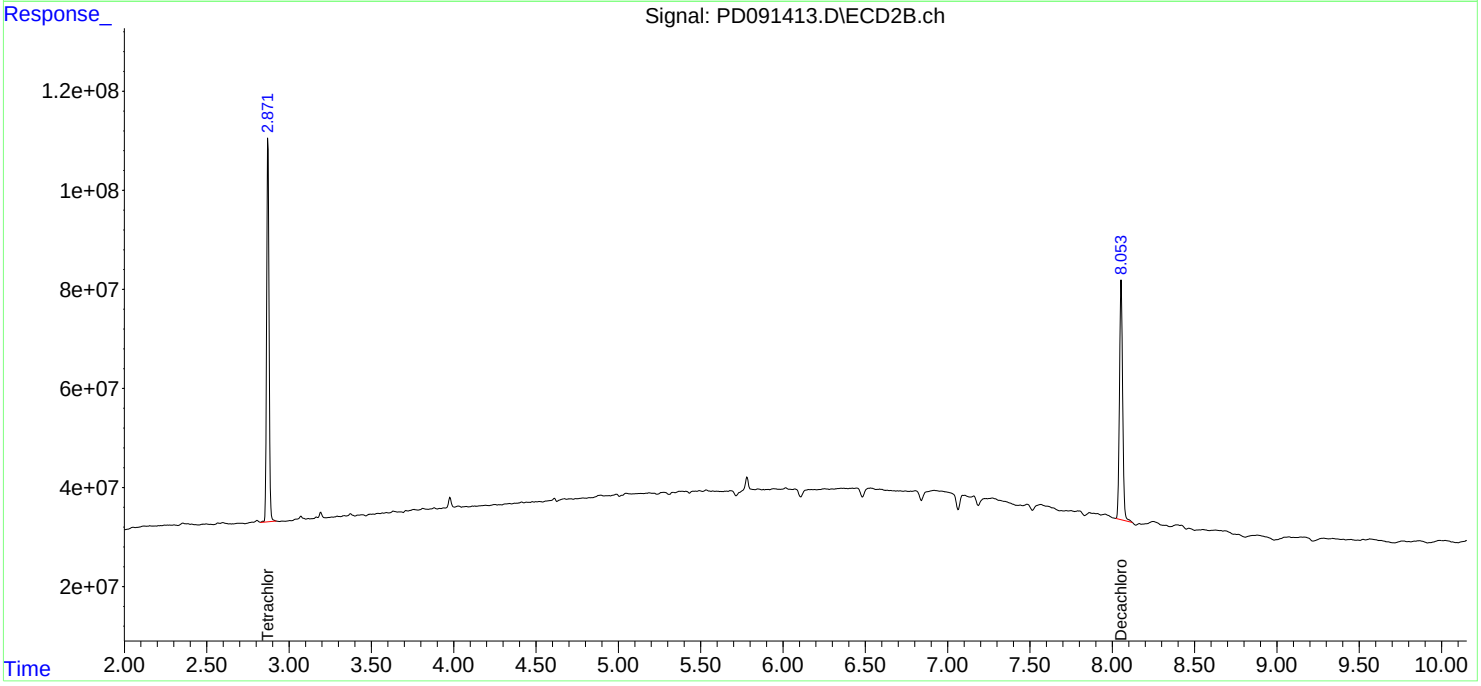
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 14:21
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

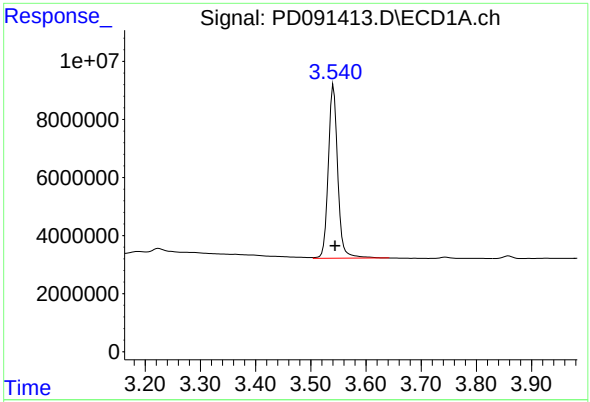
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:13:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



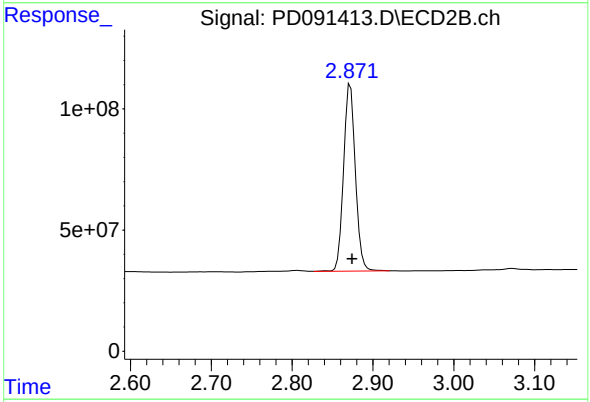




#1 Tetrachloro-m-xylene

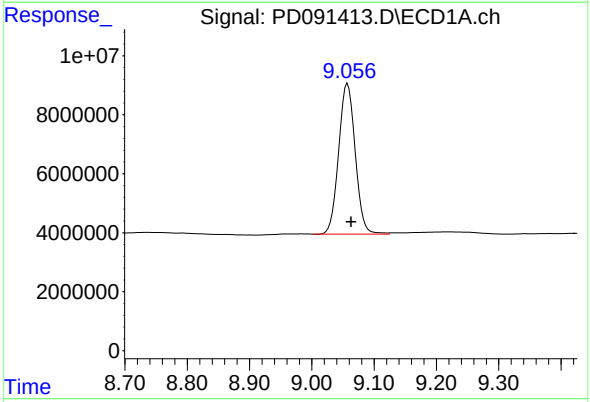
R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 71120564
Conc: 20.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



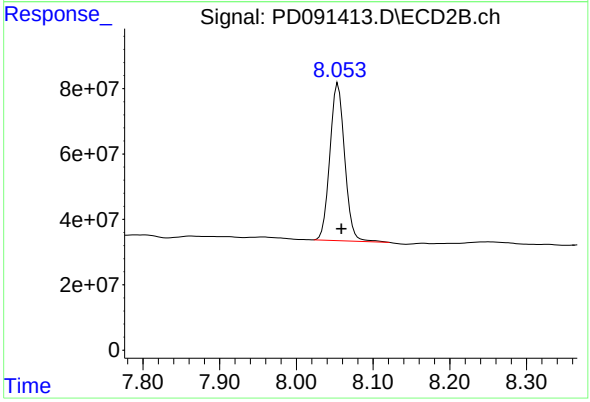
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 785500245
Conc: 21.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.006 min
Response: 94789404
Conc: 19.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: -0.004 min
Response: 644634369
Conc: 16.29 ng/ml

Raw Data: **PD091406.D**

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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	
Client Sample ID:	PB170762BS	SDG No.:	Q3725
Lab Sample ID:	PB170762BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PESTICIDE NJCLEAN Group New
Prep Method:	SW3541B	Prep Date: 12/01/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	16.6		1	0.13	1.70	ug/kg	12/01/25 12:45	PB170762
319-85-7	beta-BHC	16.6		1	0.18	1.70	ug/kg	12/01/25 12:45	PB170762
58-89-9	gamma-BHC (Lindane)	16.6		1	0.14	1.70	ug/kg	12/01/25 12:45	PB170762
76-44-8	Heptachlor	16.1		1	0.12	1.70	ug/kg	12/01/25 12:45	PB170762
309-00-2	Aldrin	16.9		1	0.12	1.70	ug/kg	12/01/25 12:45	PB170762
1024-57-3	Heptachlor epoxide	16.9		1	0.19	1.70	ug/kg	12/01/25 12:45	PB170762
959-98-8	Endosulfan I	17.1		1	0.14	1.70	ug/kg	12/01/25 12:45	PB170762
60-57-1	Dieldrin	16.8		1	0.14	1.70	ug/kg	12/01/25 12:45	PB170762
72-55-9	4,4-DDE	16.9		1	0.14	1.70	ug/kg	12/01/25 12:45	PB170762
72-20-8	Endrin	15.2		1	0.14	1.70	ug/kg	12/01/25 12:45	PB170762
33213-65-9	Endosulfan II	16.9		1	0.29	1.70	ug/kg	12/01/25 12:45	PB170762
72-54-8	4,4-DDD	16.3		1	0.15	1.70	ug/kg	12/01/25 12:45	PB170762
1031-07-8	Endosulfan Sulfate	16.7		1	0.13	1.70	ug/kg	12/01/25 12:45	PB170762
50-29-3	4,4-DDT	16.5		1	0.14	1.70	ug/kg	12/01/25 12:45	PB170762
72-43-5	Methoxychlor	14.6		1	0.37	1.70	ug/kg	12/01/25 12:45	PB170762
5103-71-9	alpha-Chlordane	17.1		1	0.12	1.70	ug/kg	12/01/25 12:45	PB170762
5103-74-2	gamma-Chlordane	17.2		1	0.15	1.70	ug/kg	12/01/25 12:45	PB170762
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	12/01/25 12:45	PB170762
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.4			30 (10) - 150 (143)	97%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.2			30 (10) - 150 (131)	101%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 12:45
Operator : AR\AJ
Sample : PB170762BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170762BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:11:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.541	2.871	64030583	739.1E6	18.567	20.178
28)	SA Decachlor...	9.059	8.054	94490762	766.0E6	18.967	19.357
	Target Compounds						
2)	A alpha-BHC	3.990	3.382	371.8E6	3141.9E6	46.505	49.711
3)	MA gamma-BHC...	4.321	3.718	349.0E6	2888.2E6	46.702	49.950
4)	MA Heptachlor	4.918	4.069	321.4E6	2664.5E6	44.872	48.262
5)	MB Aldrin	5.259	4.355	338.2E6	2868.7E6	46.606	50.811
6)	B beta-BHC	4.508	4.014	132.8E6	1193.3E6	45.694	49.667
7)	B delta-BHC	4.756	4.250	344.9E6	2863.8E6	46.409	48.972
8)	B Heptachlo...	5.679	4.858	302.6E6	2577.1E6	46.578	50.573
9)	A Endosulfan I	6.063	5.232	287.7E6	2459.3E6	46.832	51.394
10)	B gamma-Chl...	5.935	5.111	311.0E6	2820.6E6	47.839	51.633
11)	B alpha-Chl...	6.015	5.175	307.7E6	2678.2E6	44.710	51.177
12)	B 4,4'-DDE	6.185	5.359	274.6E6	2710.7E6	47.342	50.721
13)	MA Dieldrin	6.335	5.497	306.0E6	2744.6E6	47.339	50.536
14)	MA Endrin	6.563	5.774	216.4E6	2066.9E6	43.596	45.735
15)	B Endosulfa...	6.776	6.065	259.4E6	2373.3E6	46.662	50.842
16)	A 4,4'-DDD	6.696	5.914	226.3E6	2394.7E6	46.073	49.003
17)	MA 4,4'-DDT	7.011	6.167	184.6E6	1936.8E6	44.642	49.492
18)	B Endrin al...	6.905	6.244	194.2E6	1791.8E6	46.616	50.776
19)	B Endosulfa...	7.140	6.467	235.6E6	2252.8E6	45.791	50.246
20)	A Methoxychlor	7.484	6.738	89772259	880.7E6	41.287	43.921
21)	B Endrin ke...	7.620	6.976	268.0E6	2584.7E6	47.580	50.724
22)	Mirex	8.102	7.168	153.2E6	1540.9E6	43.078	46.497

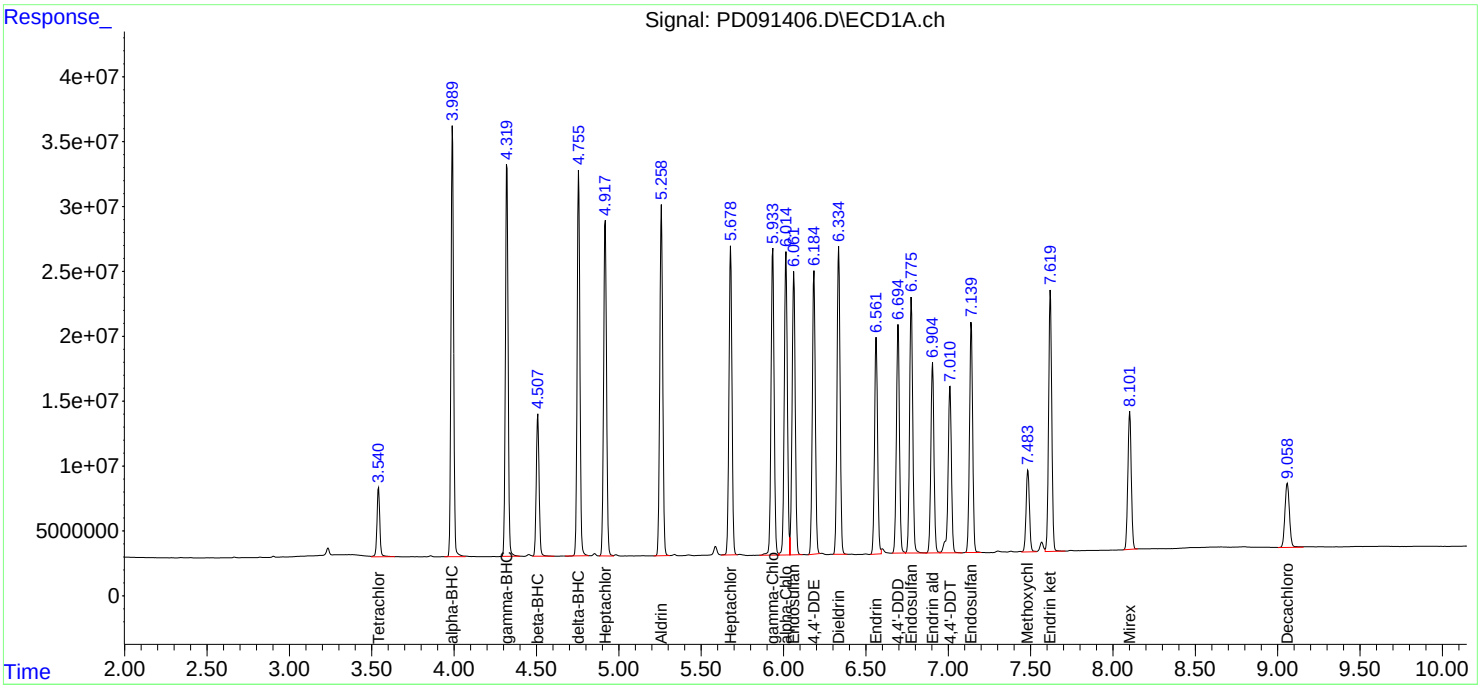
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

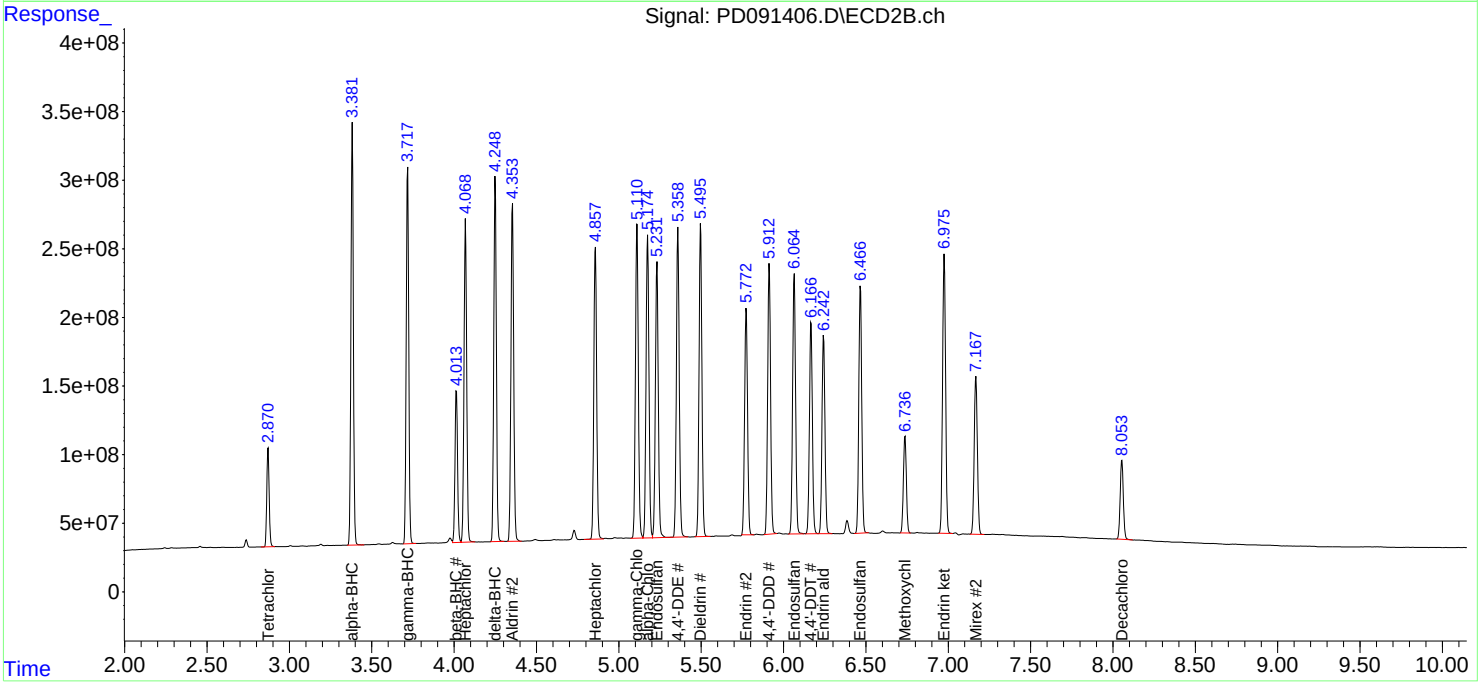
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 12:45
Operator : AR\AJ
Sample : PB170762BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170762BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:11:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PD091411.D**

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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/26/25
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	11/26/25
Client Sample ID:	BU-3-112625MS	SDG No.:	Q3725
Lab Sample ID:	Q3735-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.4
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	PESTICIDE NJCLEAN Group New
Prep Method:	SW3541B Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	21.3		10	1.50	19.9	ug/kg	12/01/25 13:53	PB170762
319-85-7	beta-BHC	22.8		10	2.10	19.9	ug/kg	12/01/25 13:53	PB170762
58-89-9	gamma-BHC (Lindane)	21.1		10	1.60	19.9	ug/kg	12/01/25 13:53	PB170762
76-44-8	Heptachlor	18.3	J	10	1.40	19.9	ug/kg	12/01/25 13:53	PB170762
309-00-2	Aldrin	21.2		10	1.40	19.9	ug/kg	12/01/25 13:53	PB170762
1024-57-3	Heptachlor epoxide	21.7		10	2.20	19.9	ug/kg	12/01/25 13:53	PB170762
959-98-8	Endosulfan I	20.7		10	1.60	19.9	ug/kg	12/01/25 13:53	PB170762
60-57-1	Dieldrin	20.9		10	1.60	19.9	ug/kg	12/01/25 13:53	PB170762
72-55-9	4,4-DDE	33.6		10	1.60	19.9	ug/kg	12/01/25 13:53	PB170762
72-20-8	Endrin	22.8		10	1.60	19.9	ug/kg	12/01/25 13:53	PB170762
33213-65-9	Endosulfan II	18.8	J	10	3.40	19.9	ug/kg	12/01/25 13:53	PB170762
72-54-8	4,4-DDD	24.4		10	1.80	19.9	ug/kg	12/01/25 13:53	PB170762
1031-07-8	Endosulfan Sulfate	16.4	J	10	1.50	19.9	ug/kg	12/01/25 13:53	PB170762
50-29-3	4,4-DDT	21.5		10	1.60	19.9	ug/kg	12/01/25 13:53	PB170762
72-43-5	Methoxychlor	16.0	J	10	4.30	19.9	ug/kg	12/01/25 13:53	PB170762
5103-71-9	alpha-Chlordane	22.2		10	1.40	19.9	ug/kg	12/01/25 13:53	PB170762
5103-74-2	gamma-Chlordane	24.3		10	1.80	19.9	ug/kg	12/01/25 13:53	PB170762
8001-35-2	Toxaphene	63.2	U	10	63.2	386	ug/kg	12/01/25 13:53	PB170762
SURROGATES									
2051-24-3	Decachlorobiphenyl	13.5			30 (10) - 150 (143)	68%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.5			30 (10) - 150 (131)	113%	SPK: 20		

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: **PD091411.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 13:53
Operator : AR\AJ
Sample : Q3735-01MS 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:13:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.540	2.871	7293008	82504054	2.115m	2.252
28)	SA Decachlor...	9.058	8.052	6713550	52279612	1.348	1.321m
	Target Compounds						
2)	A alpha-BHC	3.990	3.382	34844934	344.8E6	4.358	5.456 #
3)	MA gamma-BHC...	4.320	3.718	32562947	313.1E6	4.357	5.415
4)	MA Heptachlor	4.915	4.070	28902967	259.6E6	4.036m	4.702
5)	MB Aldrin	5.259	4.355	32177175	307.5E6	4.434	5.446
6)	B beta-BHC	4.508	4.015	16238859	140.8E6	5.589	5.860
7)	B delta-BHC	4.756	4.250	35121677	308.4E6	4.726	5.273
8)	B Heptachlo...	5.678	4.858	31790877	284.3E6	4.893	5.580
9)	A Endosulfan I	6.062	5.232	28787292	253.9E6	4.686	5.307
10)	B gamma-Chl...	5.933	5.111	30004650	340.2E6	4.616m	6.227 #
11)	B alpha-Chl...	6.014	5.175	38432200	297.7E6	5.584	5.688
12)	B 4,4'-DDE	6.184	5.360	42538812	461.3E6	7.335	8.631
13)	MA Dieldrin	6.334	5.498	27613069	291.5E6	4.271	5.367 #
14)	MA Endrin	6.562	5.775	22703624	264.6E6	4.574	5.856 #
15)	B Endosulfa...	6.775	6.066	25538308	225.3E6	4.594	4.827
16)	A 4,4'-DDD	6.694	5.914	27896502	305.7E6	5.680	6.257
17)	MA 4,4'-DDT	7.008	6.168	20095272	216.5E6	4.859m	5.532
18)	B Endrin al...	6.904	6.244	17872263	146.7E6	4.290	4.159
19)	B Endosulfa...	7.138	6.467	21166286	188.4E6	4.114	4.203
20)	A Methoxychlor	7.483	6.737	8925186	69316524	4.105	3.457
21)	B Endrin ke...	7.618	6.976	23909726	202.6E6	4.244m	3.976
22)	Mirex	8.101	7.168	16656848	124.0E6	4.683	3.741

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

Sample Results: **PD091411.D**

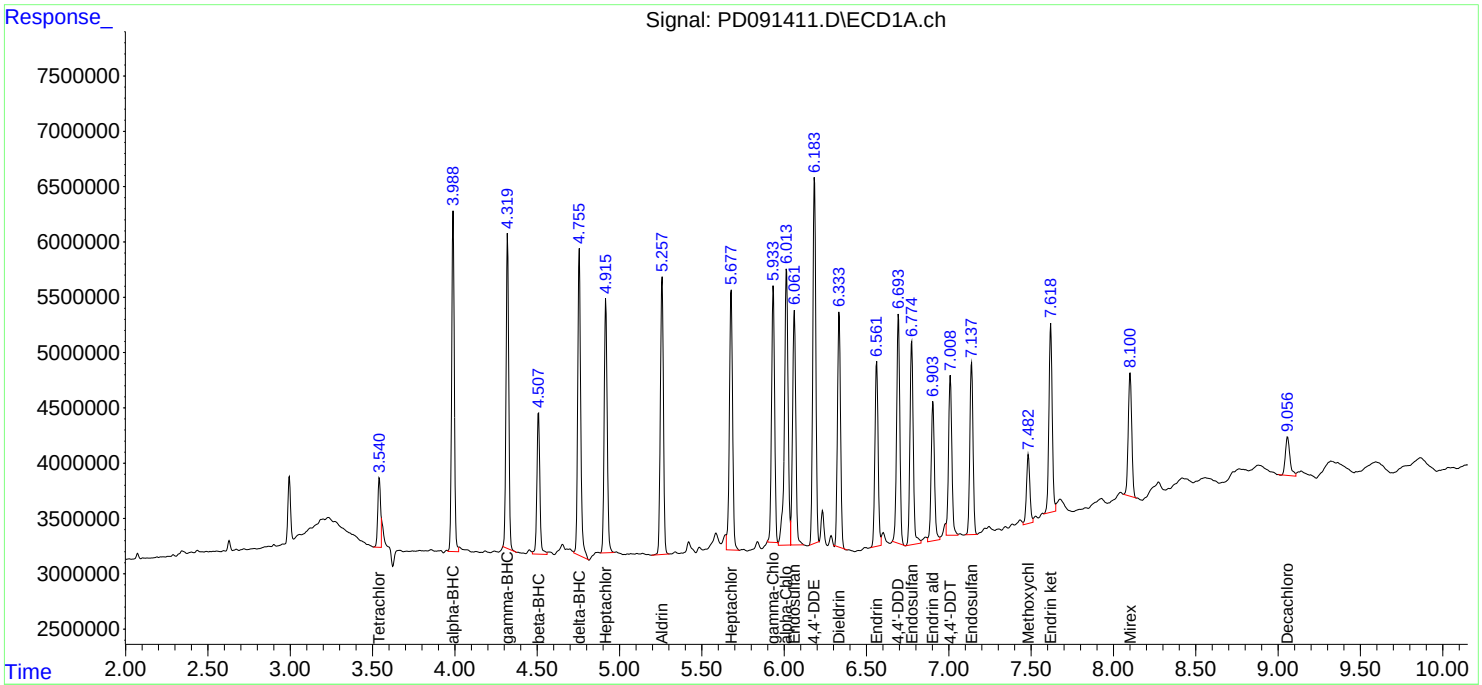
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 13:53
Operator : AR\AJ
Sample : Q3735-01MS 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

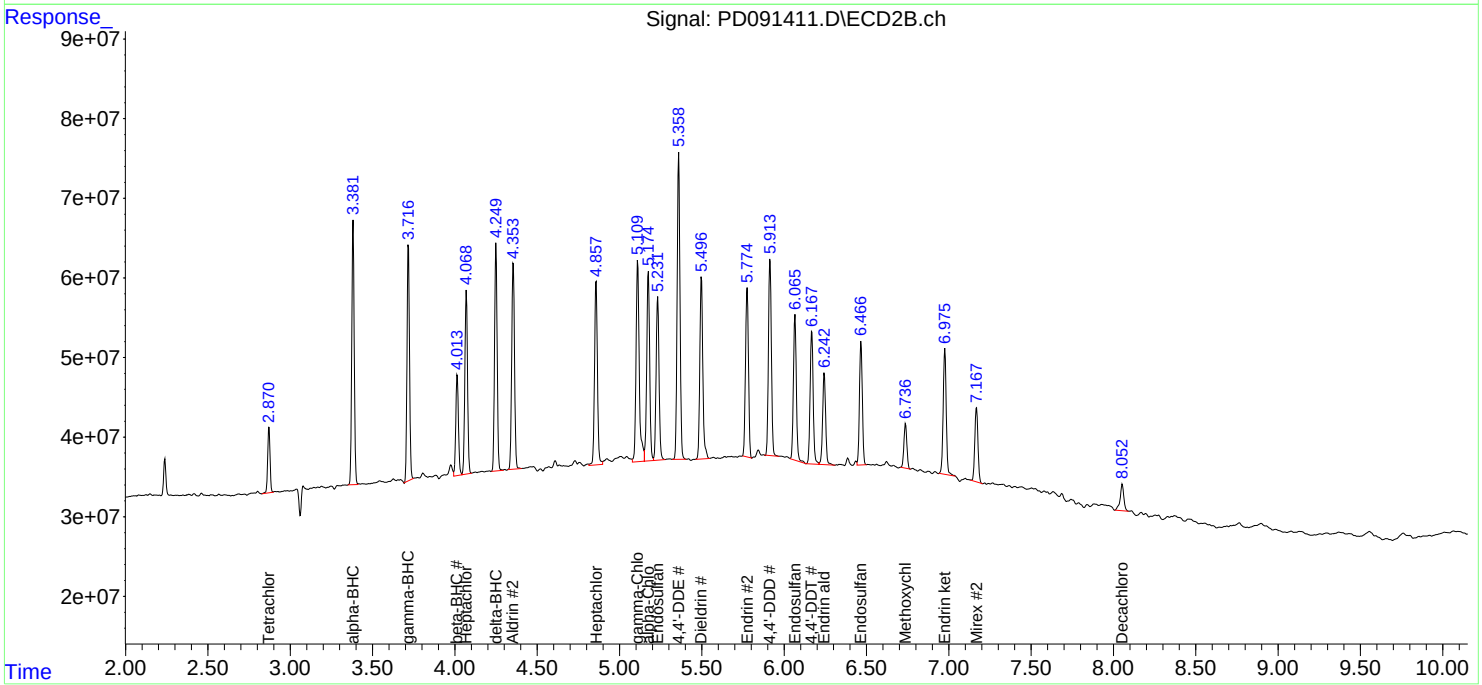
Instrument :
ECD_D
ClientSampleId :
BU-3-112625MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:13:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PD091412.D**

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

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	11/26/25
Project:	AQUA Woolwich Pump Station 22-531	Date Received:	11/26/25
Client Sample ID:	BU-3-112625MSD	SDG No.:	Q3725
Lab Sample ID:	Q3735-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.4
Sample Wt/Vol:	30.09 g Final Vol: 10000 uL	Test:	PESTICIDE NJCLEAN Group New
Prep Method:	SW3541B Prep Date: 12/01/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	21.2		10	1.50	19.8	ug/kg	12/01/25 14:07	PB170762
319-85-7	beta-BHC	22.5		10	2.10	19.8	ug/kg	12/01/25 14:07	PB170762
58-89-9	gamma-BHC (Lindane)	21.3		10	1.60	19.8	ug/kg	12/01/25 14:07	PB170762
76-44-8	Heptachlor	19.6	J	10	1.40	19.8	ug/kg	12/01/25 14:07	PB170762
309-00-2	Aldrin	21.4		10	1.40	19.8	ug/kg	12/01/25 14:07	PB170762
1024-57-3	Heptachlor epoxide	21.9		10	2.20	19.8	ug/kg	12/01/25 14:07	PB170762
959-98-8	Endosulfan I	20.4		10	1.60	19.8	ug/kg	12/01/25 14:07	PB170762
60-57-1	Dieldrin	21.2		10	1.60	19.8	ug/kg	12/01/25 14:07	PB170762
72-55-9	4,4-DDE	34.5		10	1.60	19.8	ug/kg	12/01/25 14:07	PB170762
72-20-8	Endrin	28.3	P	10	1.60	19.8	ug/kg	12/01/25 14:07	PB170762
33213-65-9	Endosulfan II	19.2	J	10	3.40	19.8	ug/kg	12/01/25 14:07	PB170762
72-54-8	4,4-DDD	24.7		10	1.80	19.8	ug/kg	12/01/25 14:07	PB170762
1031-07-8	Endosulfan Sulfate	17.8	J	10	1.50	19.8	ug/kg	12/01/25 14:07	PB170762
50-29-3	4,4-DDT	23.0		10	1.60	19.8	ug/kg	12/01/25 14:07	PB170762
72-43-5	Methoxychlor	16.0	J	10	4.30	19.8	ug/kg	12/01/25 14:07	PB170762
5103-71-9	alpha-Chlordane	22.5		10	1.40	19.8	ug/kg	12/01/25 14:07	PB170762
5103-74-2	gamma-Chlordane	24.2		10	1.80	19.8	ug/kg	12/01/25 14:07	PB170762
8001-35-2	Toxaphene	63.2	U	10	63.2	385	ug/kg	12/01/25 14:07	PB170762
SURROGATES									
2051-24-3	Decachlorobiphenyl	14.7			30 (10) - 150 (143)	74%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.8			30 (10) - 150 (131)	114%	SPK: 20		

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: **PD091412.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 14:07
Operator : AR\AJ
Sample : Q3735-01MSD 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
BU-3-112625MSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:13:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.540	2.872	7353277	83695675	2.132m	2.285
28)	SA Decachlor...	9.058	8.054	7311819	43428177	1.468	1.097 #
	Target Compounds						
2)	A alpha-BHC	3.989	3.383	34987461	345.0E6	4.376	5.459
3)	MA gamma-BHC...	4.318	3.718	34316313	316.9E6	4.592m	5.481
4)	MA Heptachlor	4.916	4.070	31285014	278.5E6	4.368m	5.045
5)	MB Aldrin	5.258	4.355	32787320	310.3E6	4.518	5.496
6)	B beta-BHC	4.508	4.015	16057595	138.6E6	5.527	5.770
7)	B delta-BHC	4.756	4.251	34994333	306.9E6	4.709	5.248
8)	B Heptachlo...	5.679	4.859	33133859	286.4E6	5.100	5.621
9)	A Endosulfan I	6.063	5.233	29238638	250.3E6	4.760	5.231
10)	B gamma-Chl...	5.933	5.111	30607880	339.5E6	4.708m	6.216 #
11)	B alpha-Chl...	6.016	5.176	39691849	297.1E6	5.767	5.677
12)	B 4,4'-DDE	6.185	5.360	44048271	473.8E6	7.595	8.866
13)	MA Dieldrin	6.335	5.498	28188027	296.0E6	4.360	5.451 #
14)	MA Endrin	6.562	5.776	23693048	329.1E6	4.773	7.281 #
15)	B Endosulfa...	6.775	6.066	25396366	230.6E6	4.568	4.940
16)	A 4,4'-DDD	6.695	5.915	28949893	310.4E6	5.894	6.351
17)	MA 4,4'-DDT	7.009	6.168	21187125	231.4E6	5.123m	5.913
18)	B Endrin al...	6.905	6.244	18320504	150.4E6	4.398	4.261
19)	B Endosulfa...	7.139	6.467	21908384	204.7E6	4.258	4.565
20)	A Methoxychlor	7.484	6.738	8934019	79096680	4.109	3.945
21)	B Endrin ke...	7.620	6.977	23762213	208.5E6	4.218	4.091
22)	Mirex	8.102	7.169	16174950	135.4E6	4.547	4.085

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

Sample Results: **PD091412.D**

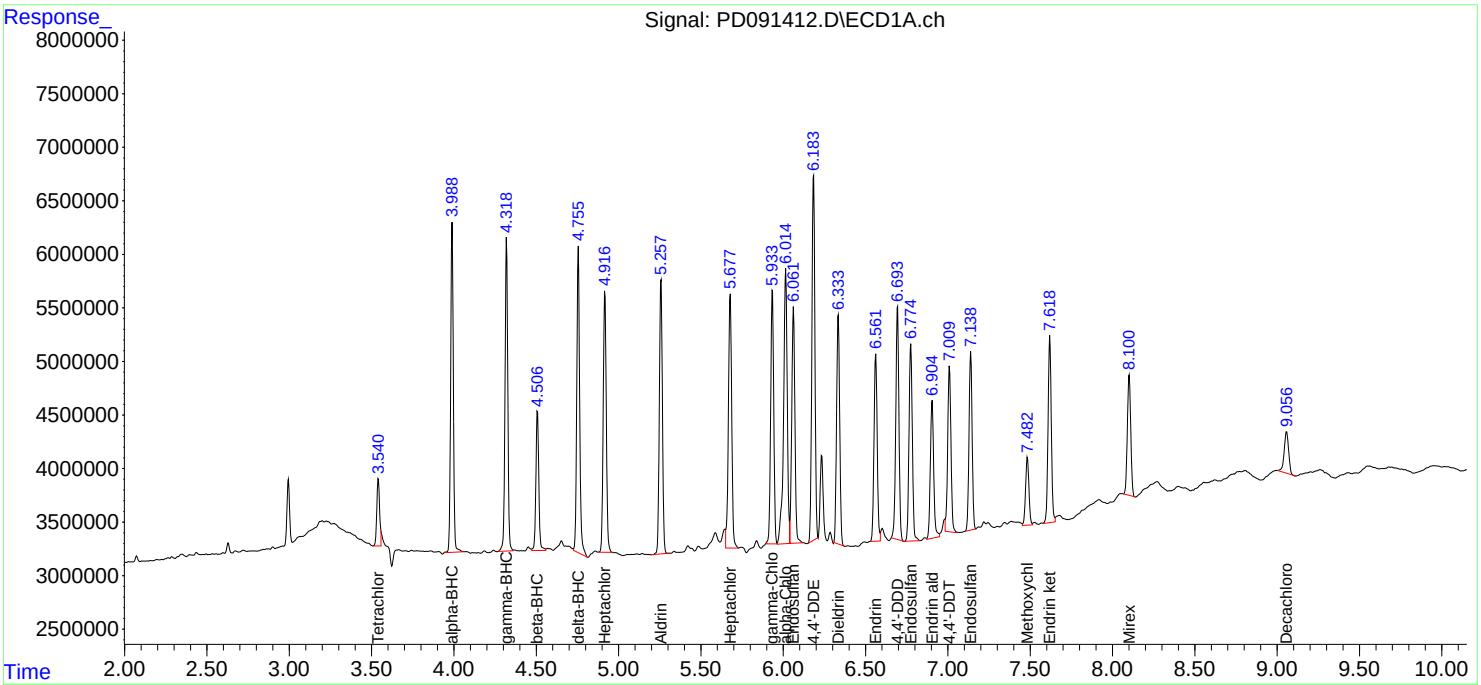
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
Data File : PD091412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2025 14:07
Operator : AR\AJ
Sample : Q3735-01MSD 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

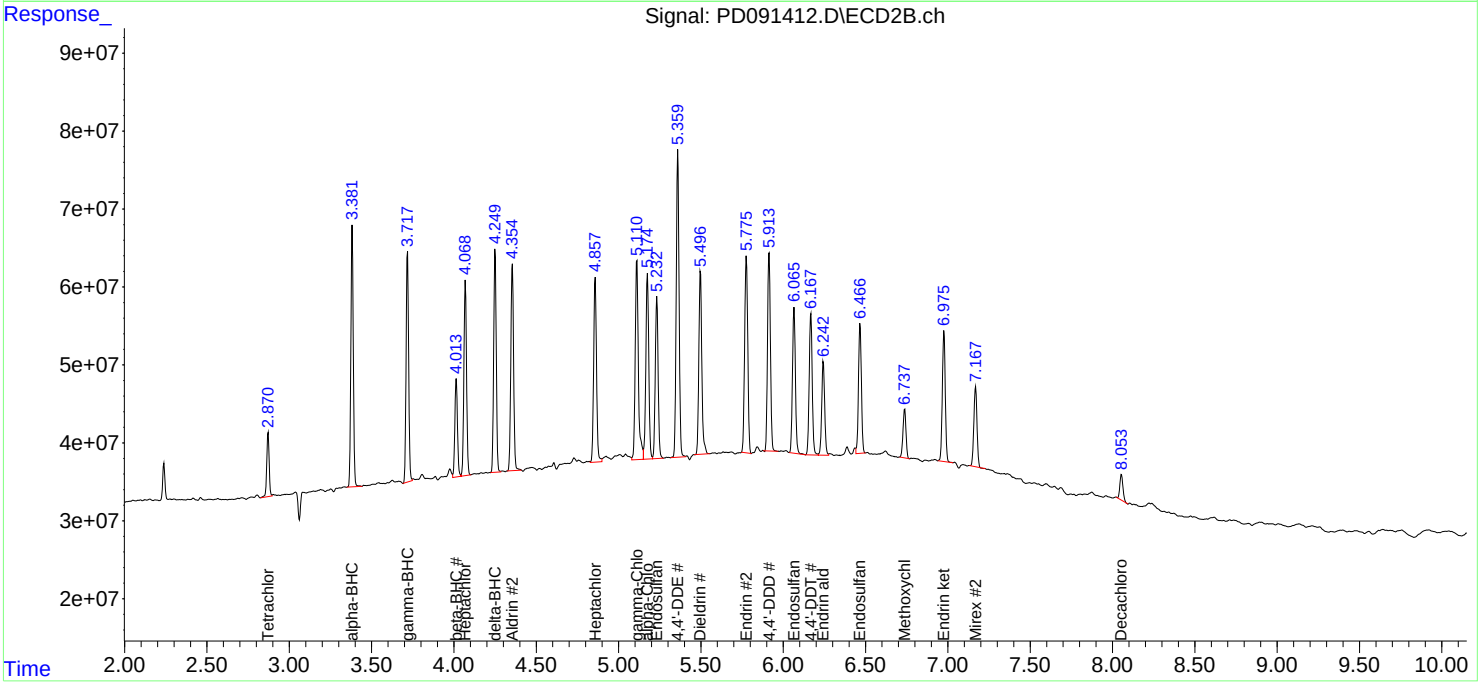
Instrument :
ECD_D
ClientSampleId :
BU-3-112625MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 02:13:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Manual Integration Report

Sequence:	PD111525	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD091194.D	4,4"-DDE #2	Abdul	11/17/2025 8:53:25 AM	Sohil	11/17/2025 2:13:45	Peak Integrated by Software
PEM	PD091194.D	Endrin aldehyde	Abdul	11/17/2025 8:53:25 AM	Sohil	11/17/2025 2:13:45	Peak Integrated by Software
PEM	PD091194.D	Endrin aldehyde #2	Abdul	11/17/2025 8:53:25 AM	Sohil	11/17/2025 2:13:45	Peak Integrated by Software
PSTDICC005	PD091200.D	delta-BHC	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Heptachlor	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Heptachlor epoxide	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Tetrachloro-m-xylene	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Tetrachloro-m-xylene #2	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PEM	PD091215.D	4,4"-DDE #2	Abdul	11/17/2025 8:53:18 AM	Sohil	11/17/2025 2:14:03	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PD120125	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3725-04	PD091407.D	4,4"-DDD	Abdul	12/2/2025 11:33:43 AM			Peak Integrated by Software
Q3725-04	PD091407.D	4,4"-DDD #2	Abdul	12/2/2025 11:33:43 AM			Peak Integrated by Software
Q3725-04	PD091407.D	4,4"-DDE	Abdul	12/2/2025 11:33:43 AM			Peak Integrated by Software
Q3725-04	PD091407.D	4,4"-DDT	Abdul	12/2/2025 11:33:43 AM			Peak Integrated by Software
Q3725-04	PD091407.D	Decachlorobiphenyl	Abdul	12/2/2025 11:33:43 AM			Peak Integrated by Software
Q3725-04	PD091407.D	Decachlorobiphenyl #2	Abdul	12/2/2025 11:33:43 AM			Peak Integrated by Software
Q3725-04	PD091407.D	delta-BHC	Abdul	12/2/2025 11:33:43 AM			Peak Integrated by Software
Q3725-04	PD091407.D	delta-BHC #2	Abdul	12/2/2025 11:33:43 AM			Peak Integrated by Software
Q3725-04	PD091407.D	Dieldrin	Abdul	12/2/2025 11:33:43 AM			Peak Integrated by Software
Q3725-04	PD091407.D	Dieldrin #2	Abdul	12/2/2025 11:33:43 AM			Peak Integrated by Software
Q3725-04	PD091407.D	Heptachlor	Abdul	12/2/2025 11:33:43 AM			Peak Integrated by Software
Q3725-04	PD091407.D	Tetrachloro-m-xylene	Abdul	12/2/2025 11:33:43 AM			Peak Integrated by Software
Q3735-01MS	PD091411.D	4,4"-DDT	Abdul	12/2/2025 8:47:15 AM			Peak Integrated by Software

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

Manual Integration Report

Sequence:	PD120125	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3735-01MS	PD091411.D	Decachlorobiphenyl #2	Abdul	12/2/2025 8:47:15 AM			Peak Integrated by Software
Q3735-01MS	PD091411.D	Endrin ketone	Abdul	12/2/2025 8:47:15 AM			Peak Integrated by Software
Q3735-01MS	PD091411.D	gamma-Chlordane	Abdul	12/2/2025 8:47:15 AM			Peak Integrated by Software
Q3735-01MS	PD091411.D	Heptachlor	Abdul	12/2/2025 8:47:15 AM			Peak Integrated by Software
Q3735-01MS	PD091411.D	Tetrachloro-m-xylene	Abdul	12/2/2025 8:47:15 AM			Peak Integrated by Software
Q3735-01MSD	PD091412.D	4,4"-DDT	Abdul	12/2/2025 8:47:12 AM			Peak Integrated by Software
Q3735-01MSD	PD091412.D	gamma-BHC (Lindane)	Abdul	12/2/2025 8:47:12 AM			Peak Integrated by Software
Q3735-01MSD	PD091412.D	gamma-Chlordane	Abdul	12/2/2025 8:47:12 AM			Peak Integrated by Software
Q3735-01MSD	PD091412.D	Heptachlor	Abdul	12/2/2025 8:47:12 AM			Peak Integrated by Software
Q3735-01MSD	PD091412.D	Tetrachloro-m-xylene	Abdul	12/2/2025 8:47:12 AM			Peak Integrated by Software
PSTDCCC050	PD091414.D	4,4"-DDE #2	Abdul	12/2/2025 8:47:08 AM			Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM		
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM		
SubDirectory	PD111525	HP Acquire Method		HP Processing Method	pd111525 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,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	I.BLK	PD091193.D	14 Nov 2025 20:01	AR\AJ	Ok
2	PEM	PD091194.D	14 Nov 2025 20:15	AR\AJ	Ok,M
3	RESCHK	PD091195.D	14 Nov 2025 20:43	AR\AJ	Ok
4	PSTDICC100	PD091196.D	14 Nov 2025 20:56	AR\AJ	Ok
5	PSTDICC075	PD091197.D	14 Nov 2025 21:10	AR\AJ	Ok
6	PSTDICC050	PD091198.D	14 Nov 2025 21:24	AR\AJ	Ok
7	PSTDICC025	PD091199.D	14 Nov 2025 21:37	AR\AJ	Ok
8	PSTDICC005	PD091200.D	14 Nov 2025 21:51	AR\AJ	Ok,M
9	PCHLORICC1000	PD091201.D	14 Nov 2025 22:04	AR\AJ	Ok
10	PCHLORICC750	PD091202.D	14 Nov 2025 22:18	AR\AJ	Ok
11	PCHLORICC500	PD091203.D	14 Nov 2025 22:32	AR\AJ	Ok
12	PCHLORICC250	PD091204.D	14 Nov 2025 22:46	AR\AJ	Ok,M
13	PCHLORICC50	PD091205.D	14 Nov 2025 22:59	AR\AJ	Ok,M
14	PTOXICC1000	PD091206.D	14 Nov 2025 23:13	AR\AJ	Ok
15	PTOXICC750	PD091207.D	14 Nov 2025 23:27	AR\AJ	Ok
16	PTOXICC500	PD091208.D	14 Nov 2025 23:40	AR\AJ	Ok
17	PTOXICC250	PD091209.D	14 Nov 2025 23:54	AR\AJ	Ok
18	PTOXICC100	PD091210.D	15 Nov 2025 00:08	AR\AJ	Ok
19	PSTDICV050	PD091211.D	15 Nov 2025 00:21	AR\AJ	Ok
20	PCHLORICV050	PD091212.D	15 Nov 2025 00:49	AR\AJ	Ok
21	PTOXICV050	PD091213.D	15 Nov 2025 01:30	AR\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM		
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM		
SubDirectory	PD111525	HP Acquire Method		HP Processing Method	pd111525 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,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	I.BLK	PD091214.D	15 Nov 2025 01:44	AR\AJ	Ok
23	PEM	PD091215.D	15 Nov 2025 01:57	AR\AJ	Ok,M
24	PSTDCCC050	PD091216.D	15 Nov 2025 02:11	AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD120125

Review By	Abdul	Review On	12/2/2025 8:48:11 AM		
Supervise By		Supervise On			
SubDirectory	PD120125	HP Acquire Method		HP Processing Method	pd111525 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,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	PD091400.D	01 Dec 2025 09:45	AR\AJ	Ok
2	I.BLK	PD091401.D	01 Dec 2025 09:59	AR\AJ	Ok
3	PEM	PD091402.D	01 Dec 2025 10:12	AR\AJ	Ok
4	PSTDCCC050	PD091403.D	01 Dec 2025 10:26	AR\AJ	Ok
5	PB170628BS	PD091404.D	01 Dec 2025 12:10	AR\AJ	Ok
6	PB170762BL	PD091405.D	01 Dec 2025 12:32	AR\AJ	Ok
7	PB170762BS	PD091406.D	01 Dec 2025 12:45	AR\AJ	Ok
8	Q3725-04	PD091407.D	01 Dec 2025 12:59	AR\AJ	Ok,NS
9	Q3732-01	PD091408.D	01 Dec 2025 13:12	AR\AJ	Ok,NS
10	Q3733-01	PD091409.D	01 Dec 2025 13:26	AR\AJ	Ok,NS
11	Q3735-01	PD091410.D	01 Dec 2025 13:40	AR\AJ	Ok,NS
12	Q3735-01MS	PD091411.D	01 Dec 2025 13:53	AR\AJ	Ok,NS
13	Q3735-01MSD	PD091412.D	01 Dec 2025 14:07	AR\AJ	Ok,NS
14	I.BLK	PD091413.D	01 Dec 2025 14:21	AR\AJ	Ok
15	PSTDCCC050	PD091414.D	01 Dec 2025 15:11	AR\AJ	Ok,NS

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM		
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM		
SubDirectory	PD111525	HP Acquire Method		HP Processing Method	pd111525 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,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	I.BLK	I.BLK	PD091193.D	14 Nov 2025 20:01		AR\AJ	Ok
2	PEM	PEM	PD091194.D	14 Nov 2025 20:15		AR\AJ	Ok,M
3	RESCHK	RESCHK	PD091195.D	14 Nov 2025 20:43		AR\AJ	Ok
4	PSTDICC100	PSTDICC100	PD091196.D	14 Nov 2025 20:56		AR\AJ	Ok
5	PSTDICC075	PSTDICC075	PD091197.D	14 Nov 2025 21:10		AR\AJ	Ok
6	PSTDICC050	PSTDICC050	PD091198.D	14 Nov 2025 21:24		AR\AJ	Ok
7	PSTDICC025	PSTDICC025	PD091199.D	14 Nov 2025 21:37		AR\AJ	Ok
8	PSTDICC005	PSTDICC005	PD091200.D	14 Nov 2025 21:51		AR\AJ	Ok,M
9	PCHLORICC1000	PCHLORICC1000	PD091201.D	14 Nov 2025 22:04		AR\AJ	Ok
10	PCHLORICC750	PCHLORICC750	PD091202.D	14 Nov 2025 22:18		AR\AJ	Ok
11	PCHLORICC500	PCHLORICC500	PD091203.D	14 Nov 2025 22:32		AR\AJ	Ok
12	PCHLORICC250	PCHLORICC250	PD091204.D	14 Nov 2025 22:46		AR\AJ	Ok,M
13	PCHLORICC50	PCHLORICC50	PD091205.D	14 Nov 2025 22:59		AR\AJ	Ok,M
14	PTOXICC1000	PTOXICC1000	PD091206.D	14 Nov 2025 23:13		AR\AJ	Ok
15	PTOXICC750	PTOXICC750	PD091207.D	14 Nov 2025 23:27		AR\AJ	Ok
16	PTOXICC500	PTOXICC500	PD091208.D	14 Nov 2025 23:40		AR\AJ	Ok
17	PTOXICC250	PTOXICC250	PD091209.D	14 Nov 2025 23:54		AR\AJ	Ok
18	PTOXICC100	PTOXICC100	PD091210.D	15 Nov 2025 00:08		AR\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM		
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM		
SubDirectory	PD111525	HP Acquire Method		HP Processing Method	pd111525 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,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	PSTDICV050	ICVPD111525	PD091211.D	15 Nov 2025 00:21		AR\AJ	Ok
20	PCHLORICV050	ICVPD111525CHLOR	PD091212.D	15 Nov 2025 00:49		AR\AJ	Ok
21	PTOXICV050	ICVPD111525TOX	PD091213.D	15 Nov 2025 01:30		AR\AJ	Ok
22	I.BLK	I.BLK	PD091214.D	15 Nov 2025 01:44		AR\AJ	Ok
23	PEM	PEM	PD091215.D	15 Nov 2025 01:57		AR\AJ	Ok,M
24	PSTDCCC050	PSTDCCC050	PD091216.D	15 Nov 2025 02:11		AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD120125

Review By	Abdul	Review On	12/2/2025 8:48:11 AM		
Supervise By		Supervise On			
SubDirectory	PD120125	HP Acquire Method		HP Processing Method	pd111525 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,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	PD091400.D	01 Dec 2025 09:45		AR\AJ	Ok
2	I.BLK	I.BLK	PD091401.D	01 Dec 2025 09:59		AR\AJ	Ok
3	PEM	PEM	PD091402.D	01 Dec 2025 10:12		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD091403.D	01 Dec 2025 10:26		AR\AJ	Ok
5	PB170628BS	PB170628BS	PD091404.D	01 Dec 2025 12:10		AR\AJ	Ok
6	PB170762BL	PB170762BL	PD091405.D	01 Dec 2025 12:32		AR\AJ	Ok
7	PB170762BS	PB170762BS	PD091406.D	01 Dec 2025 12:45		AR\AJ	Ok
8	Q3725-04	STOCKPILE-SAMPLES	PD091407.D	01 Dec 2025 12:59		AR\AJ	Ok,NS
9	Q3732-01	HD-01-11-26-2025	PD091408.D	01 Dec 2025 13:12		AR\AJ	Ok,NS
10	Q3733-01	SU-04-11-26-2025	PD091409.D	01 Dec 2025 13:26		AR\AJ	Ok,NS
11	Q3735-01	BU-3-112625	PD091410.D	01 Dec 2025 13:40	Tcmx high in 1st column	AR\AJ	Ok,NS
12	Q3735-01MS	BU-3-112625MS	PD091411.D	01 Dec 2025 13:53	Comp # 12 fail for recovery	AR\AJ	Ok,NS
13	Q3735-01MSD	BU-3-112625MSD	PD091412.D	01 Dec 2025 14:07	Comp # 12,14 fail for recovery	AR\AJ	Ok,NS
14	I.BLK	I.BLK	PD091413.D	01 Dec 2025 14:21		AR\AJ	Ok
15	PSTDCCC050	PSTDCCC050	PD091414.D	01 Dec 2025 15:11		AR\AJ	Ok,NS

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/1/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 11/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 11/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138050

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
Q3720-01	BUR-25-0059	1	1.14	10.41	11.55	11.09	95.6	
Q3725-01	STOCKPILE-SAMPLES	7	1.11	10.65	11.76	9.99	83.4	
Q3725-02	STOCKPILE-SAMPLES	2	1.11	10.65	11.76	9.99	83.4	
Q3725-04	STOCKPILE-SAMPLES	8	1.11	10.65	11.76	9.99	83.4	
Q3732-01	HD-01-11-26-2025	3	1.15	10.76	11.91	10.5	86.9	
Q3732-02	HD-01-11-26-2025-E2	4	1.11	10.73	11.84	9.82	81.2	
Q3733-01	SU-04-11-26-2025	5	1.15	10.59	11.74	10.84	91.5	
Q3733-02	SU-04-11-26-2025-E2	6	1.16	10.67	11.83	10.67	89.1	
Q3735-01	BU-3-112625	9	1.14	10.63	11.77	10.22	85.4	
Q3736-01	D1	10	1.19	10.63	11.82	10.08	83.6	
Q3739-01	GSB1A	11	1.16	10.88	12.04	11.00	90.4	
Q3739-02	GSB1B	12	1.13	10.38	11.51	10.32	88.5	
Q3739-03	GSB2A	13	1.16	10.47	11.63	10.03	84.7	
Q3739-04	GSB2B	14	1.18	10.67	11.85	10.41	86.5	
Q3740-01	WC1	15	1.13	11.45	12.58	11.44	90.0	

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

WORKLIST(Hardcopy Internal Chain)

JB 138050

WorkList Name : %1-112625 **WorkList ID :** 193363 **Department :** Wet-Chemistry **Date :** 11-26-2025 13:02:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3720-01	BUR-25-0059	Solid	Percent Solids	Cool 4 deg C	PSEG03	E42	11/25/2025	Chemtech -SO
~~Q3725-01~~	~~STOCKPILE-SAMPLES~~	~~Solid~~	~~Percent Solids~~	~~Cool 4 deg C~~	~~ROMA02~~	~~D41~~	~~11/25/2025~~	~~Chemtech -SO~~
~~Q3725-02~~	~~STOCKPILE-SAMPLES~~	~~Solid~~	~~Percent Solids~~	~~Cool 4 deg C~~	~~ROMA02~~	~~D41~~	~~11/25/2025~~	~~Chemtech -SO~~
Q3725-04	STOCKPILE-SAMPLES	Solid	Percent Solids	Cool 4 deg C	ROMA02	D41	11/25/2025	Chemtech -SO
Q3732-01	HD-01-11-26-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/26/2025	Chemtech -SO
Q3732-02	HD-01-11-26-2025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A12	11/26/2025	Chemtech -SO
Q3733-01	SU-04-11-26-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	--Sele	11/26/2025	Chemtech -SO
Q3733-02	SU-04-11-26-2025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	11/26/2025	Chemtech -SO
Q3735-01	BU-3-112625	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	11/26/2025	Chemtech -SO
Q3736-01	D1	Solid	Percent Solids	Cool 4 deg C	JPCL01	A11	11/26/2025	Chemtech -SO
Q3739-01	GSB1A	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3739-02	GSB1B	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3739-03	GSB2A	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3739-04	GSB2B	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO
Q3740-01	WC1	Solid	Percent Solids	Cool 4 deg C	GENV01	A11	11/26/2025	Chemtech -SO

JB 12/01/25

JB 12/01/25

Date/Time 11.26.25 15:30

Raw Sample Received by: JB WC

Raw Sample Relinquished by:

Date/Time 11-26-25 18:00

Raw Sample Received by:

Raw Sample Relinquished by: JB WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170762

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Florisil

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 12/01/2025

Extraction Start Time : 08:56

Extraction End Date : 12/01/2025

Extraction End Time : 12:00

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP25070
Surrogate	1.0ML	200 PPB	PP25072
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	EP2660
Baked Na2SO4	N/A	EP2663
Sand	N/A	E3951
Hexane	N/A	E3988
Florisil	N/A	E3976
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/1/25	RS (Ext lab)	R. Pest/PCB Lab
12:05	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170762

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 12/01/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170762BL	PBLK762	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10			U2-1
PB170762BS	PLCS762	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			2
Q3725-04	STOCKPILE-SAMPLES	PESTICIDE NJCLEAN Group	30.06	N/A	ritesh	Evelyn	10	E		3
Q3732-01	HD-01-11-26-2025	New Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		4
Q3733-01	SU-04-11-26-2025	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		5
Q3735-01	BU-3-112625	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	F		6
Q3735-01MS	BU-3-112625MS	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	F		U3-1
Q3735-01MSD	BU-3-112625MSD	Pesticide-TCL	30.09	N/A	ritesh	Evelyn	10	F		2

RS
12/1

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

170762
8:56

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3732P **WorkList ID :** 193386 **Department :** Extraction **Date :** 12-01-2025 08:42:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3725-04	STOCKPILE-SAMPLES	Solid	PESTICIDE NJCLEAN Gro	Cool 4 deg C	ROMA02	D41	11/25/2025	8081B
Q3732-01	HD-01-11-26-2025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	A11	11/26/2025	8081B
Q3733-01	SU-04-11-26-2025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	A11	11/26/2025	8081B
Q3735-01	BU-3-112625	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	A11	11/26/2025	8081B

Date/Time 12/1/25 8:50
Raw Sample Received by: RJ (ExHolb)
Raw Sample Relinquished by: CP

Date/Time 12/1/25 9:10
Raw Sample Received by: CP
Raw Sample Relinquished by: RJ (ExHolb)

SHIPPING DOCUMENTS

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

ALLIANCE PROJECT NO. Q3725
QUOTE NO.
COC Number 2047302

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Roman Ed G Corp.
ADDRESS: 14 Ogden St
CITY Newark STATE: NJ ZIP: 07104
ATTENTION: Sonny Puzzo
PHONE: 973-803-6113 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Robbinsville Woodwick pump Station
PROJECT NO.: 22-531 LOCATION: Robbinsville
PROJECT MANAGER: Sonny Puzzo
e-mail: engineer@romaneg.com
PHONE: 973-482-1123 FAX:

CLIENT BILLING INFORMATION

BILL TO: Roman Ed G Corp. PO#: 22-531
ADDRESS: 14 Ogden St
CITY Newark STATE: NJ ZIP: 07104
ATTENTION: Sonny Puzzo PHONE: 973-482-1123

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

ANALYSIS

STEVE SJS TCL TAL TCL

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.	Stock Pile Samples	S		X	11-25												
2.		S															
3.		S															
4.		S															
5.		S															
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. Sonny Puzzo	11/25	1.
2. Sonny Puzzo	11/25	2.
3. Amir Shakarian	11/25 1528	3. JT

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 16.1+0=16.1 °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 :	Q3725 ROMA02	**Order Date :**	11/25/2025 4:38:51 PM	**Project Mgr :**	
Client Name :	Roman E&G Corp	**Project Name :**	AQUA Woolwich Pump Sta	**Report Type :**	Level 1
Client Contact :	Sonny Puzzo	**Receive DateTime :**	11/25/2025 12:00:00 AM	**EDD Type :**	EXCEL NJCLEANUP
Invoice Name :	Roman E&G Corp	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Sonny Puzzo			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3725-01	STOCKPILE-SAMPLES	Solid	11/25/2025	00:00					
					VOC-TCLVOA-10	Bayshore-New	8260D	10 Bus. Days	

Taken

Stored in VOA
Fz #102 & ref #6

Relinguished By :

Date / Time : 11/26/25 1000

Received By :

Date / Time : 11/26/25 12:45

Storage Area : VOA Refridgerator Room