

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 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

LAB CHRONICLE

OrderID:	Q3534	OrderDate:	11/4/2025 1:29:44 PM
Client:	Remington & Vernick Engineers	Project:	Edison Landfill
Contact:	Kyle Carlson	Location:	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3534-01	MW-6	WATER			11/03/25			11/04/25
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3534-02	MW-1	WATER			11/03/25			11/04/25
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3534-03	MW-11	WATER			11/03/25			11/04/25
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3534-04	MW-5	WATER			11/04/25			11/04/25
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3534-05	MW-EB-1	WATER			11/03/25			11/04/25
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	
Q3534-05DL	MW-EB-1DL	WATER			11/03/25			11/04/25
			Pesticide-TCL	8081B		11/06/25	11/07/25	
Q3534-06	MW-EB-2	WATER			11/04/25			11/04/25
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/07/25	
Q3534-07	MW-EB-3	WATER			11/03/25			11/04/25
			PCB	8082A		11/06/25	11/07/25	
			Pesticide-TCL	8081B		11/06/25	11/07/25	
Q3534-09	FB-1	WATER			11/04/25			11/04/25
			PCB	8082A		11/06/25	11/06/25	

LAB CHRONICLE

Q3534-10	EB-1	WATER	Pesticide-TCL	8081B		11/06/25	11/06/25	
					11/04/25			11/04/25
			PCB	8082A		11/06/25	11/06/25	
			Pesticide-TCL	8081B		11/06/25	11/06/25	

Hit Summary Sheet
SW-846

SDG No.: Q3534

Order ID: Q3534

Client: Remington & Vernick Engineers

Project ID: Edison Landfill

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-5								
Q3534-04	MW-5	WATER	beta-BHC	0.028	JP	0.0051	0.052	ug/L
Total Concentration:				0.028				
Client ID : MW-EB-1								
Q3534-05	MW-EB-1	WATER	beta-BHC	9.90	EP	0.0052	0.053	ug/L
Q3534-05	MW-EB-1	WATER	Endosulfan I	0.92	P	0.0033	0.053	ug/L
Total Concentration:				10.820				
Client ID : MW-EB-1DL								
Q3534-05DL	MW-EB-1DL	WATER	beta-BHC	9.10	D	0.052	0.53	ug/L
Q3534-05DL	MW-EB-1DL	WATER	Endosulfan I	0.96	DP	0.033	0.53	ug/L
Total Concentration:				10.060				



QC SUMMARY

Surrogate Summary

SDG No.: **Q3534**

Client: **Remington & Vernick Engineers**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.4	97		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.3	102		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.0	100		30 (61)	150 (148)
I.BLK-PD090991.D	PIBLK-PD090991.D	Decachlorobiphen	1	20	20.9	105		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.5	102		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.1	116		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	21.3	106		30 (61)	150 (148)
PB170426BL	PB170426BL	Decachlorobiphen	1	20	17.3	86		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	16.8	84		30 (61)	150 (148)
		Decachlorobiphen	2	20	18.9	94		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	17.6	88		30 (61)	150 (148)
Q3534-01	MW-6	Decachlorobiphen	1	20	17.5	87		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	16.8	84		30 (61)	150 (148)
		Decachlorobiphen	2	20	282	1410	*	30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	13.7	69		30 (61)	150 (148)
Q3534-02	MW-1	Decachlorobiphen	1	20	19.6	98		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	16.8	84		30 (61)	150 (148)
		Decachlorobiphen	2	20	22.8	114		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	17.4	87		30 (61)	150 (148)
Q3534-03	MW-11	Decachlorobiphen	1	20	17.8	89		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	15.8	79		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.1	101		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	16.9	85		30 (61)	150 (148)
Q3534-04	MW-5	Decachlorobiphen	1	20	16.8	84		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	16.8	84		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.2	116		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	17.1	86		30 (61)	150 (148)
Q3534-05	MW-EB-1	Decachlorobiphen	1	20	15.6	78		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.2	86		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.4	102		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	16.1	81		30 (61)	150 (148)
Q3534-09	FB-1	Decachlorobiphen	1	20	15.7	79		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.3	86		30 (61)	150 (148)
		Decachlorobiphen	2	20	16.5	83		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	18.7	93		30 (61)	150 (148)
Q3534-10	EB-1	Decachlorobiphen	1	20	17.2	86		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.4	102		30 (61)	150 (148)
		Decachlorobiphen	2	20	18.7	93		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	21.7	108		30 (61)	150 (148)
I.BLK-PD091012.D	PIBLK-PD091012.D	Decachlorobiphen	1	20	20.9	104		30 (57)	150 (171)

Surrogate Summary

SDG No.: Q3534

Client: Remington & Vernick Engineers

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD091012.D	PIBLK-PD091012.D	Tetrachloro-m-xyl	1	20	20.3	101		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.1	116		30 (57)	150 (171)
I.BLK-PD091015.D	PIBLK-PD091015.D	Tetrachloro-m-xyl	2	20	21.4	107		30 (61)	150 (148)
		Decachlorobiphen	1	20	22.5	112		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	21.4	107		30 (61)	150 (148)
		Decachlorobiphen	2	20	25.2	126		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	23.2	116		30 (61)	150 (148)
Q3534-06	MW-EB-2	Decachlorobiphen	1	20	13.2	66		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	16.4	82		30 (61)	150 (148)
		Decachlorobiphen	2	20	15.5	78		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	17.3	87		30 (61)	150 (148)
Q3534-07	MW-EB-3	Decachlorobiphen	1	20	19.2	96		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.1	85		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.0	100		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	18.4	92		30 (61)	150 (148)
Q3534-05DL	MW-EB-1DL	Decachlorobiphen	1	20	15.4	77		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.8	89		30 (61)	150 (148)
		Decachlorobiphen	2	20	16.3	81		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	23.6	118		30 (61)	150 (148)
PB170426BSD	PB170426BSD	Decachlorobiphen	1	20	24.6	123		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	23.0	115		30 (61)	150 (148)
		Decachlorobiphen	2	20	28.0	140		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	25.3	126		30 (61)	150 (148)
PB170426BS	PB170426BS	Decachlorobiphen	1	20	25.2	126		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	23.4	117		30 (61)	150 (148)
		Decachlorobiphen	2	20	28.9	144		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	25.6	128		30 (61)	150 (148)
I.BLK-PD091025.D	PIBLK-PD091025.D	Decachlorobiphen	1	20	23.4	117		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	22.1	110		30 (61)	150 (148)
		Decachlorobiphen	2	20	27.2	136		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	23.7	119		30 (61)	150 (148)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534

Analytical Method: 8081B

Client: Remington & Vernick Engineers

Datafile : PD091023.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170426BSD (Column 1)	alpha-BHC	0.25	0.22	ug/L	87				40 (85)	140 (130)	20 (20)
	beta-BHC	0.25	0.21	ug/L	83				40 (83)	140 (126)	20 (20)
	delta-BHC	0.25	0.22	ug/L	87				40 (69)	140 (141)	20 (20)
	gamma-BHC (Lindane)	0.25	0.21	ug/L	85				40 (82)	140 (129)	20 (20)
	Heptachlor	0.25	0.26	ug/L	105				40 (79)	140 (127)	20 (20)
	Aldrin	0.25	0.21	ug/L	85				40 (79)	140 (126)	20 (20)
	Heptachlor epoxide	0.25	0.22	ug/L	89				40 (81)	140 (124)	20 (20)
	Endosulfan I	0.25	0.22	ug/L	87				40 (85)	140 (122)	20 (20)
	Dieldrin	0.25	0.22	ug/L	87				40 (83)	140 (125)	20 (20)
	4,4'-DDE	0.25	0.21	ug/L	84				40 (80)	140 (127)	20 (20)
	Endrin	0.25	0.22	ug/L	87				40 (81)	140 (128)	20 (20)
	Endosulfan II	0.25	0.22	ug/L	89				40 (82)	140 (123)	20 (20)
	4,4'-DDD	0.25	0.23	ug/L	92				40 (77)	140 (131)	20 (20)
	Endosulfan sulfate	0.25	0.22	ug/L	87				40 (76)	140 (129)	20 (20)
	4,4'-DDT	0.25	0.24	ug/L	95				40 (80)	140 (133)	20 (20)
	Methoxychlor	0.25	0.24	ug/L	97				40 (78)	140 (108)	20 (20)
	Endrin ketone	0.25	0.23	ug/L	92				40 (80)	140 (131)	20 (20)
	Endrin aldehyde	0.25	0.22	ug/L	88				40 (82)	140 (127)	20 (20)
	alpha-Chlordane	0.25	0.21	ug/L	83				40 (82)	140 (125)	20 (20)
	gamma-Chlordane	0.25	0.21	ug/L	86				40 (82)	140 (125)	20 (20)
PB170426BSD (Column 2)	alpha-BHC	0.25	0.22	ug/L	89				40 (85)	140 (130)	20 (20)
	beta-BHC	0.25	0.22	ug/L	87				40 (83)	140 (126)	20 (20)
	delta-BHC	0.25	0.22	ug/L	87				40 (69)	140 (141)	20 (20)
	gamma-BHC (Lindane)	0.25	0.22	ug/L	88				40 (82)	140 (129)	20 (20)
	Heptachlor	0.25	0.23	ug/L	92				40 (79)	140 (127)	20 (20)
	Aldrin	0.25	0.22	ug/L	88				40 (79)	140 (126)	20 (20)
	Heptachlor epoxide	0.25	0.22	ug/L	86				40 (81)	140 (124)	20 (20)
	Endosulfan I	0.25	0.20	ug/L	80				40 (85)	140 (122)	20 (20)
	Dieldrin	0.25	0.22	ug/L	88				40 (83)	140 (125)	20 (20)
	4,4'-DDE	0.25	0.22	ug/L	89				40 (80)	140 (127)	20 (20)
	Endrin	0.25	0.23	ug/L	93				40 (81)	140 (128)	20 (20)
	Endosulfan II	0.25	0.22	ug/L	89				40 (82)	140 (123)	20 (20)
	4,4'-DDD	0.25	0.23	ug/L	91				40 (77)	140 (131)	20 (20)
	Endosulfan sulfate	0.25	0.22	ug/L	90				40 (76)	140 (129)	20 (20)
	4,4'-DDT	0.25	0.23	ug/L	93				40 (80)	140 (133)	20 (20)
	Methoxychlor	0.25	0.23	ug/L	93				40 (78)	140 (108)	20 (20)
	Endrin ketone	0.25	0.28	ug/L	111				40 (80)	140 (131)	20 (20)
	Endrin aldehyde	0.25	0.23	ug/L	92				40 (82)	140 (127)	20 (20)
	alpha-Chlordane	0.25	0.22	ug/L	87				40 (82)	140 (125)	20 (20)
	gamma-Chlordane	0.25	0.22	ug/L	87				40 (82)	140 (125)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3534

Analytical Method: 8081B

Client: Remington & Vernick Engineers

Datafile : PD091024.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170426BS (Column 1)	alpha-BHC	0.25	0.22	ug/L	87				40 (85)	140 (130)	
	beta-BHC	0.25	0.21	ug/L	84				40 (83)	140 (126)	
	delta-BHC	0.25	0.22	ug/L	88				40 (69)	140 (141)	
	gamma-BHC (Lindane)	0.25	0.22	ug/L	86				40 (82)	140 (129)	
	Heptachlor	0.25	0.27	ug/L	106				40 (79)	140 (127)	
	Aldrin	0.25	0.22	ug/L	87				40 (79)	140 (126)	
	Heptachlor epoxide	0.25	0.23	ug/L	91				40 (81)	140 (124)	
	Endosulfan I	0.25	0.22	ug/L	88				40 (85)	140 (122)	
	Dieldrin	0.25	0.22	ug/L	88				40 (83)	140 (125)	
	4,4'-DDE	0.25	0.21	ug/L	85				40 (80)	140 (127)	
	Endrin	0.25	0.22	ug/L	88				40 (81)	140 (128)	
	Endosulfan II	0.25	0.22	ug/L	89				40 (82)	140 (123)	
	4,4'-DDD	0.25	0.23	ug/L	92				40 (77)	140 (131)	
	Endosulfan sulfate	0.25	0.22	ug/L	88				40 (76)	140 (129)	
	4,4'-DDT	0.25	0.24	ug/L	95				40 (80)	140 (133)	
	Methoxychlor	0.25	0.24	ug/L	98				40 (78)	140 (108)	
	Endrin ketone	0.25	0.23	ug/L	94				40 (80)	140 (131)	
	Endrin aldehyde	0.25	0.22	ug/L	89				40 (82)	140 (127)	
	alpha-Chlordane	0.25	0.21	ug/L	83				40 (82)	140 (125)	
	gamma-Chlordane	0.25	0.22	ug/L	87				40 (82)	140 (125)	
PB170426BS (Column 2)	alpha-BHC	0.25	0.23	ug/L	91				40 (85)	140 (130)	
	beta-BHC	0.25	0.22	ug/L	89				40 (83)	140 (126)	
	delta-BHC	0.25	0.23	ug/L	91				40 (69)	140 (141)	
	gamma-BHC (Lindane)	0.25	0.23	ug/L	91				40 (82)	140 (129)	
	Heptachlor	0.25	0.24	ug/L	95				40 (79)	140 (127)	
	Aldrin	0.25	0.23	ug/L	91				40 (79)	140 (126)	
	Heptachlor epoxide	0.25	0.22	ug/L	89				40 (81)	140 (124)	
	Endosulfan I	0.25	0.21	ug/L	83				40 (85)	140 (122)	
	Dieldrin	0.25	0.23	ug/L	92				40 (83)	140 (125)	
	4,4'-DDE	0.25	0.23	ug/L	90				40 (80)	140 (127)	
	Endrin	0.25	0.24	ug/L	97				40 (81)	140 (128)	
	Endosulfan II	0.25	0.23	ug/L	93				40 (82)	140 (123)	
	4,4'-DDD	0.25	0.24	ug/L	95				40 (77)	140 (131)	
	Endosulfan sulfate	0.25	0.23	ug/L	94				40 (76)	140 (129)	
	4,4'-DDT	0.25	0.24	ug/L	96				40 (80)	140 (133)	
	Methoxychlor	0.25	0.24	ug/L	97				40 (78)	140 (108)	
	Endrin ketone	0.25	0.29	ug/L	114				40 (80)	140 (131)	
	Endrin aldehyde	0.25	0.24	ug/L	96				40 (82)	140 (127)	
	alpha-Chlordane	0.25	0.23	ug/L	90				40 (82)	140 (125)	
	gamma-Chlordane	0.25	0.23	ug/L	91				40 (82)	140 (125)	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170426BL

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Lab Sample ID: PB170426BL

Lab File ID: PD090993.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/06/2025

Date Analyzed (1): 11/06/2025

Date Analyzed (2): 11/06/2025

Time Analyzed (1): 14:19

Time Analyzed (2): 14:19

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
MW-6	Q3534-01	PD090996.D	11/06/2025	11/06/2025
MW-1	Q3534-02	PD090997.D	11/06/2025	11/06/2025
MW-11	Q3534-03	PD090998.D	11/06/2025	11/06/2025
MW-5	Q3534-04	PD090999.D	11/06/2025	11/06/2025
MW-EB-1	Q3534-05	PD091000.D	11/06/2025	11/06/2025
FB-1	Q3534-09	PD091003.D	11/06/2025	11/06/2025
EB-1	Q3534-10	PD091004.D	11/06/2025	11/06/2025
MW-EB-2	Q3534-06	PD091019.D	11/07/2025	11/07/2025
MW-EB-3	Q3534-07	PD091020.D	11/07/2025	11/07/2025
PB170426BSD	PB170426BSD	PD091023.D	11/07/2025	11/07/2025
PB170426BS	PB170426BS	PD091024.D	11/07/2025	11/07/2025

COMMENTS: _____



SAMPLE DATA



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/03/25
Project:	Edison Landfill		Date Received:	11/04/25
Client Sample ID:	MW-6		SDG No.:	Q3534
Lab Sample ID:	Q3534-01		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	440 mL	Final Vol: 5000 uL	Test:	Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0044	U	1	0.0044	0.057	ug/L	11/06/25 15:18	PB170426
319-85-7	beta-BHC	0.0056	U	1	0.0056	0.057	ug/L	11/06/25 15:18	PB170426
319-86-8	delta-BHC	0.013	U	1	0.013	0.057	ug/L	11/06/25 15:18	PB170426
58-89-9	gamma-BHC (Lindane)	0.0042	U	1	0.0042	0.057	ug/L	11/06/25 15:18	PB170426
76-44-8	Heptachlor	0.0031	U	1	0.0031	0.057	ug/L	11/06/25 15:18	PB170426
309-00-2	Aldrin	0.0041	U	1	0.0041	0.057	ug/L	11/06/25 15:18	PB170426
1024-57-3	Heptachlor epoxide	0.011	U	1	0.011	0.057	ug/L	11/06/25 15:18	PB170426
959-98-8	Endosulfan I	0.0035	U	1	0.0035	0.057	ug/L	11/06/25 15:18	PB170426
60-57-1	Dieldrin	0.0041	U	1	0.0041	0.057	ug/L	11/06/25 15:18	PB170426
72-55-9	4,4-DDE	0.0042	U	1	0.0042	0.057	ug/L	11/06/25 15:18	PB170426
72-20-8	Endrin	0.0036	U	1	0.0036	0.057	ug/L	11/06/25 15:18	PB170426
33213-65-9	Endosulfan II	0.0090	U	1	0.0090	0.057	ug/L	11/06/25 15:18	PB170426
72-54-8	4,4-DDD	0.0081	U	1	0.0081	0.057	ug/L	11/06/25 15:18	PB170426
1031-07-8	Endosulfan Sulfate	0.0042	U	1	0.0042	0.057	ug/L	11/06/25 15:18	PB170426
50-29-3	4,4-DDT	0.0040	U	1	0.0040	0.057	ug/L	11/06/25 15:18	PB170426
72-43-5	Methoxychlor	0.013	U	1	0.013	0.057	ug/L	11/06/25 15:18	PB170426
53494-70-5	Endrin ketone	0.011	U	1	0.011	0.057	ug/L	11/06/25 15:18	PB170426
7421-93-4	Endrin aldehyde	0.013	U	1	0.013	0.057	ug/L	11/06/25 15:18	PB170426
5103-71-9	alpha-Chlordane	0.0040	U	1	0.0040	0.057	ug/L	11/06/25 15:18	PB170426
5103-74-2	gamma-Chlordane	0.0044	U	1	0.0044	0.057	ug/L	11/06/25 15:18	PB170426
8001-35-2	Toxaphene	0.19	U	1	0.19	1.10	ug/L	11/06/25 15:18	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	282	*		30 (57) - 150 (171)	1410%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.8			30 (61) - 150 (148)	84%	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\PD110625\
 Data File : PD090996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 15:18
 Operator : AR\AJ
 Sample : Q3534-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MW-6

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 00:27:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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	2.872	52372620	408.4E6	16.818m	13.716m
28) SA Decachlor...	9.063	8.065	81793047	8543.3E6	17.485m	282.036m#

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:18
Operator : AR\AJ
Sample : Q3534-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

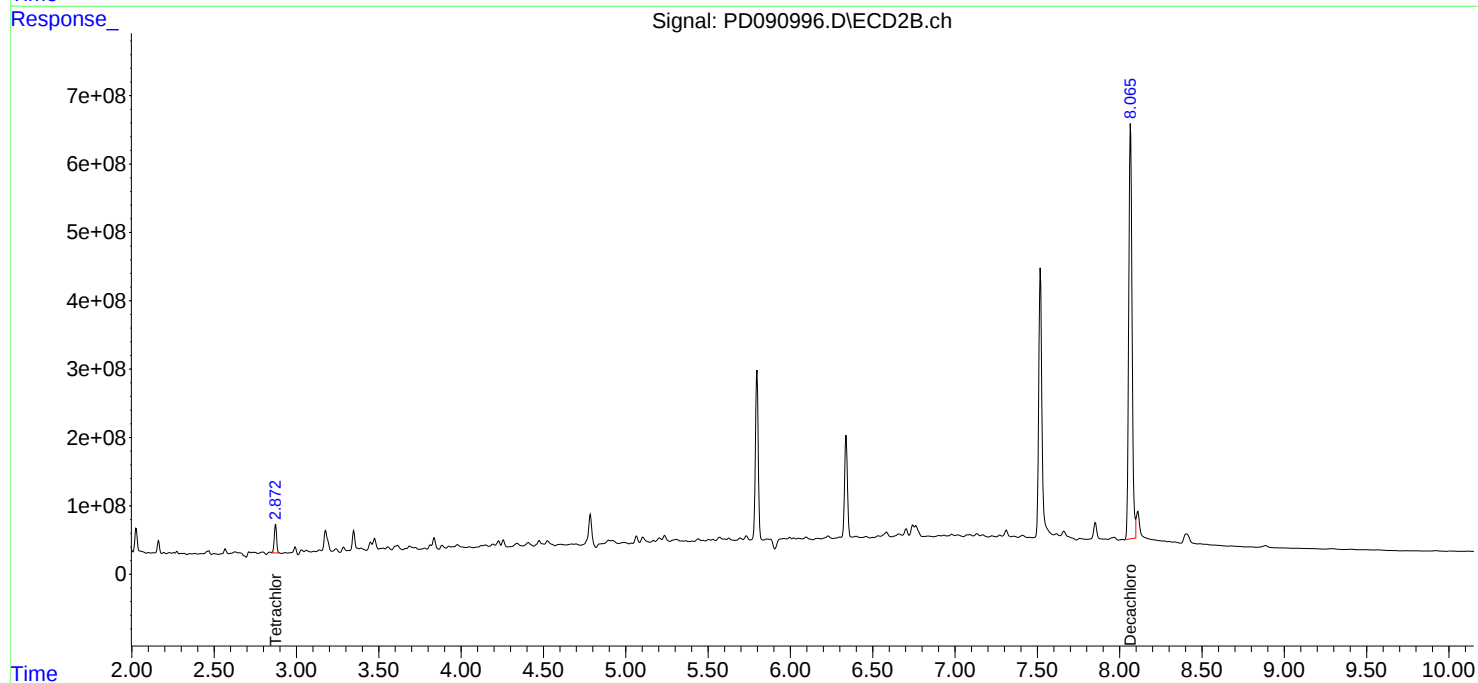
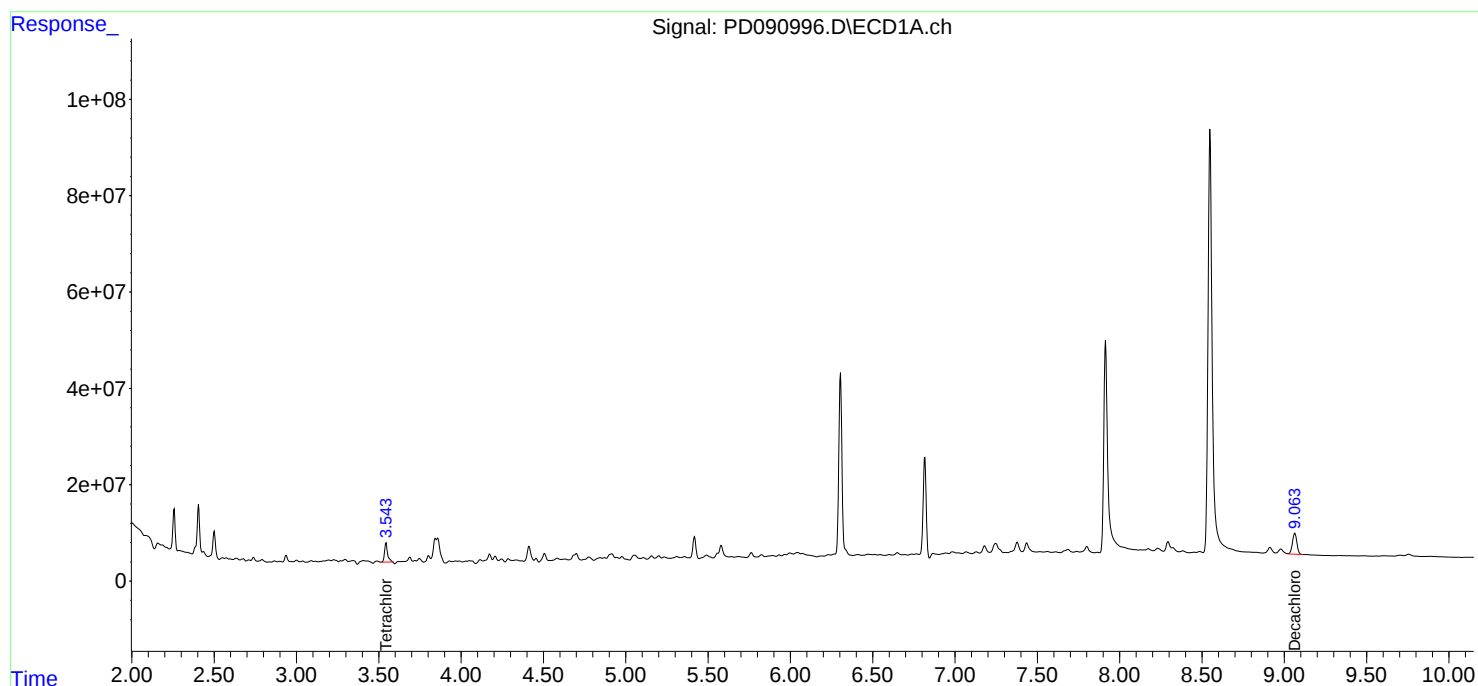
Instrument :
ECD_D
ClientSampleId :
MW-6

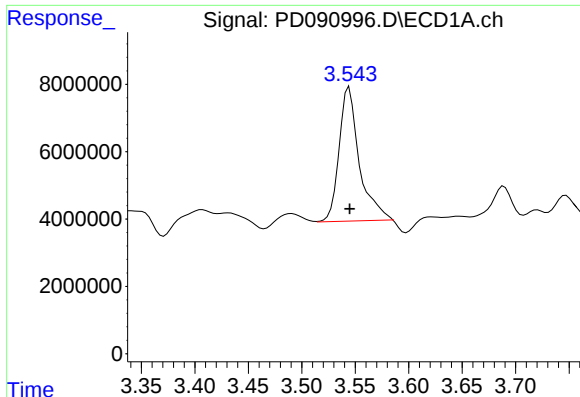
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:27:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





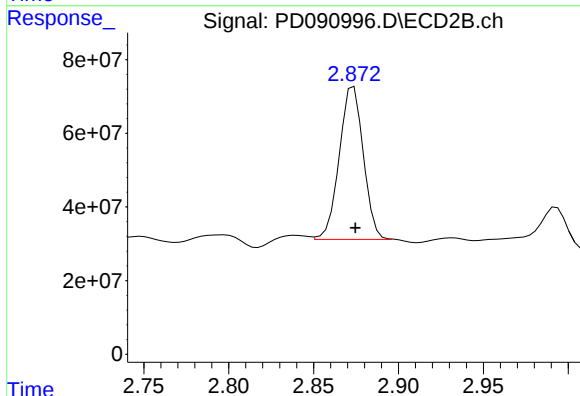
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 52372620
Conc: 16.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-6

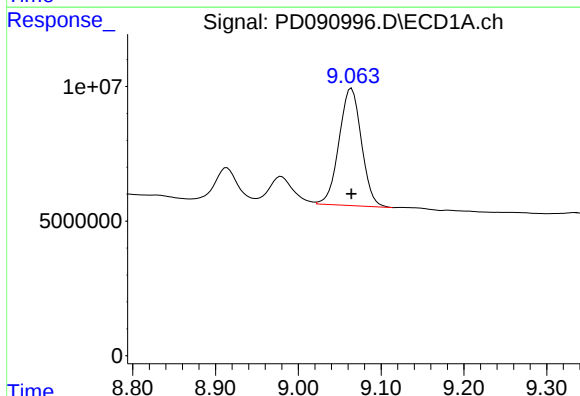
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



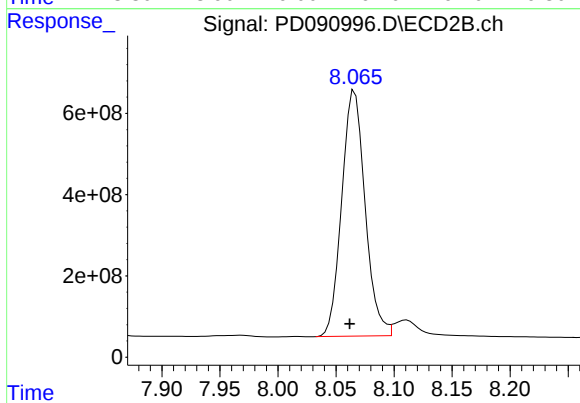
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 408436395
Conc: 13.72 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 81793047
Conc: 17.48 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.003 min
Response: 8543262437
Conc: 282.04 ng/ml m



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/03/25
Project:	Edison Landfill		Date Received:	11/04/25
Client Sample ID:	MW-1		SDG No.:	Q3534
Lab Sample ID:	Q3534-02		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	470 mL	Final Vol: 5000 uL	Test:	Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0041	U	1	0.0041	0.053	ug/L	11/06/25 15:32	PB170426
319-85-7	beta-BHC	0.0052	U	1	0.0052	0.053	ug/L	11/06/25 15:32	PB170426
319-86-8	delta-BHC	0.012	U	1	0.012	0.053	ug/L	11/06/25 15:32	PB170426
58-89-9	gamma-BHC (Lindane)	0.0039	U	1	0.0039	0.053	ug/L	11/06/25 15:32	PB170426
76-44-8	Heptachlor	0.0029	U	1	0.0029	0.053	ug/L	11/06/25 15:32	PB170426
309-00-2	Aldrin	0.0038	U	1	0.0038	0.053	ug/L	11/06/25 15:32	PB170426
1024-57-3	Heptachlor epoxide	0.010	U	1	0.010	0.053	ug/L	11/06/25 15:32	PB170426
959-98-8	Endosulfan I	0.0033	U	1	0.0033	0.053	ug/L	11/06/25 15:32	PB170426
60-57-1	Dieldrin	0.0038	U	1	0.0038	0.053	ug/L	11/06/25 15:32	PB170426
72-55-9	4,4-DDE	0.0039	U	1	0.0039	0.053	ug/L	11/06/25 15:32	PB170426
72-20-8	Endrin	0.0034	U	1	0.0034	0.053	ug/L	11/06/25 15:32	PB170426
33213-65-9	Endosulfan II	0.0084	U	1	0.0084	0.053	ug/L	11/06/25 15:32	PB170426
72-54-8	4,4-DDD	0.0076	U	1	0.0076	0.053	ug/L	11/06/25 15:32	PB170426
1031-07-8	Endosulfan Sulfate	0.0039	U	1	0.0039	0.053	ug/L	11/06/25 15:32	PB170426
50-29-3	4,4-DDT	0.0037	U	1	0.0037	0.053	ug/L	11/06/25 15:32	PB170426
72-43-5	Methoxychlor	0.012	U	1	0.012	0.053	ug/L	11/06/25 15:32	PB170426
53494-70-5	Endrin ketone	0.0099	U	1	0.0099	0.053	ug/L	11/06/25 15:32	PB170426
7421-93-4	Endrin aldehyde	0.012	U	1	0.012	0.053	ug/L	11/06/25 15:32	PB170426
5103-71-9	alpha-Chlordane	0.0037	U	1	0.0037	0.053	ug/L	11/06/25 15:32	PB170426
5103-74-2	gamma-Chlordane	0.0041	U	1	0.0041	0.053	ug/L	11/06/25 15:32	PB170426
8001-35-2	Toxaphene	0.18	U	1	0.18	1.10	ug/L	11/06/25 15:32	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.8			30 (57) - 150 (171)	114%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.4			30 (61) - 150 (148)	87%	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\PD110625\
 Data File : PD090997.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 15:32
 Operator : AR\AJ
 Sample : Q3534-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 00:27:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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	2.872	52446570	518.3E6	16.841	17.406m
28)	SA Decachlor...	9.062	8.058	91474949	690.7E6	19.554	22.802m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:32
Operator : AR\AJ
Sample : Q3534-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

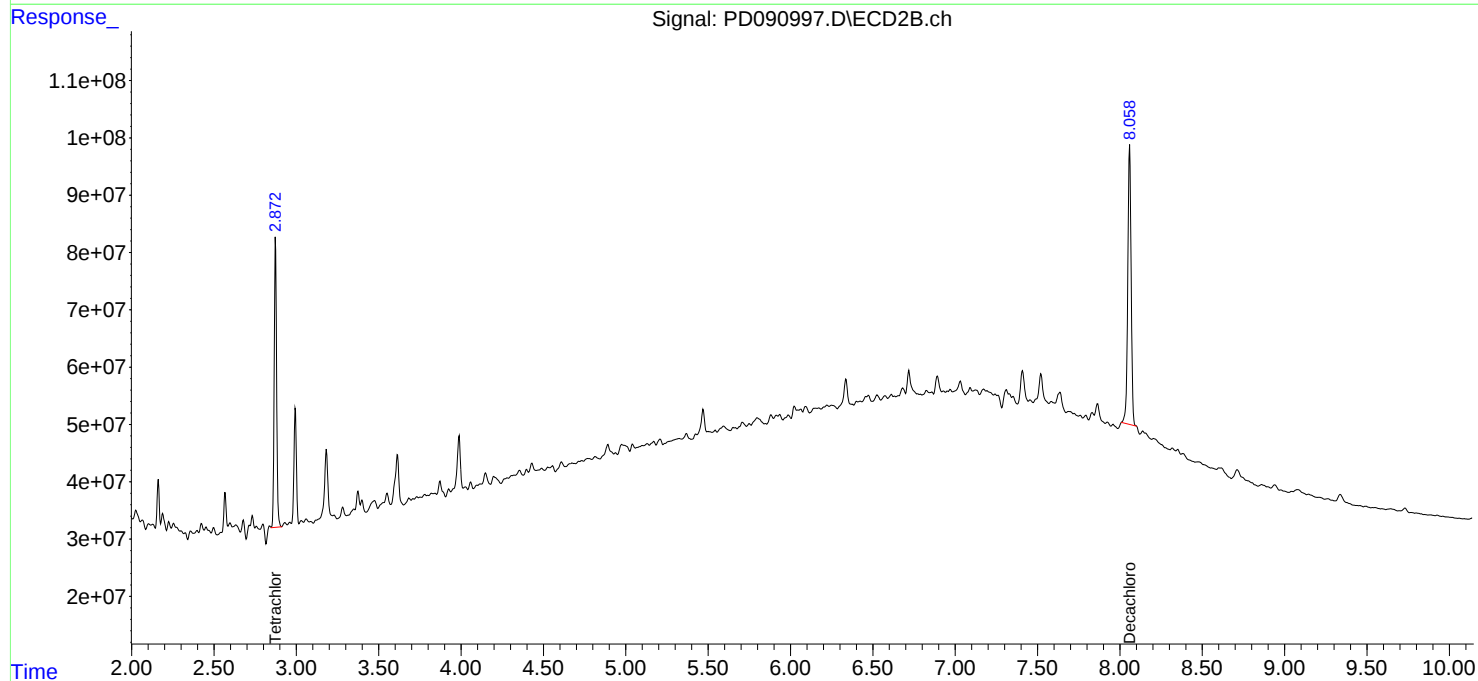
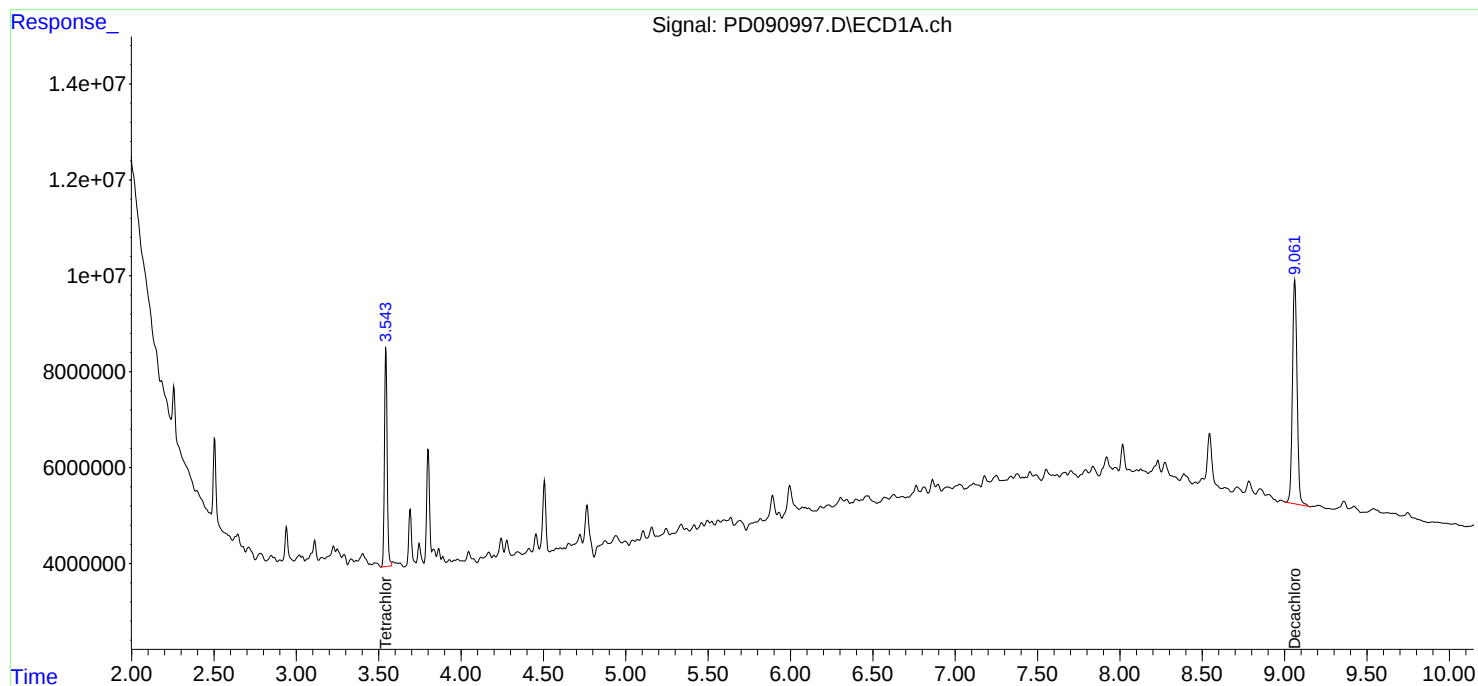
Instrument :
ECD_D
ClientSampleId :
MW-1

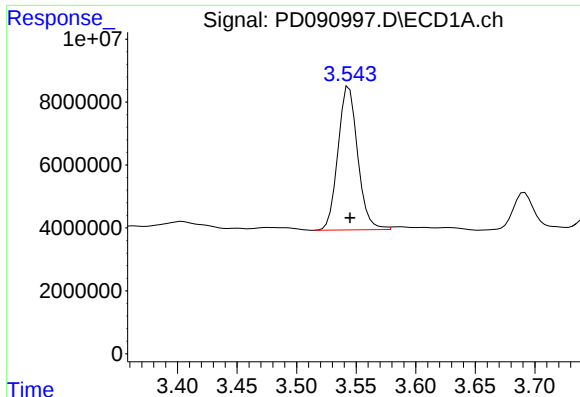
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:27:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





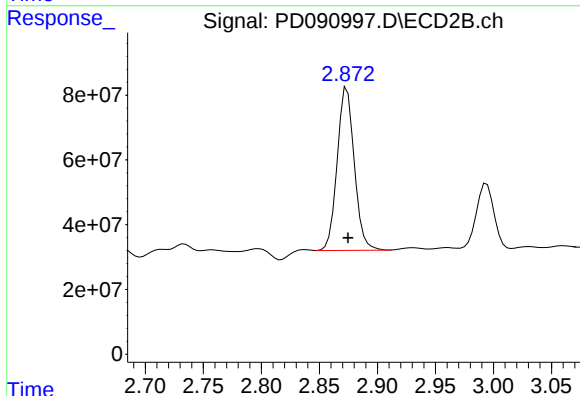
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 52446570
Conc: 16.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-1

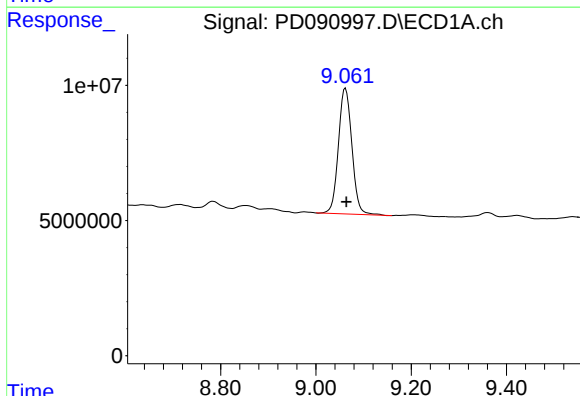
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



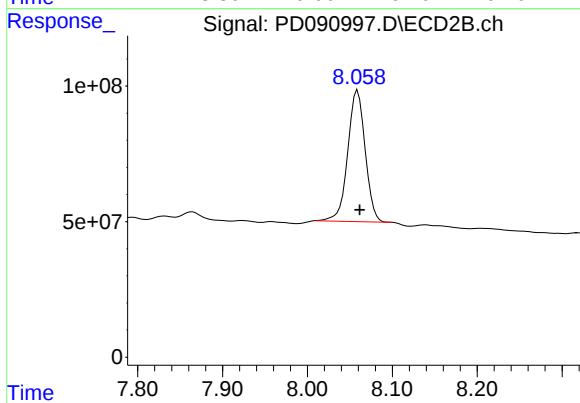
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 518308527
Conc: 17.41 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 91474949
Conc: 19.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 690702718
Conc: 22.80 ng/ml m



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/03/25
Project:	Edison Landfill		Date Received:	11/04/25
Client Sample ID:	MW-11		SDG No.:	Q3534
Lab Sample ID:	Q3534-03		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	490 mL	Final Vol: 5000 uL	Test:	Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0040	U	1	0.0040	0.051	ug/L	11/06/25 15:46	PB170426
319-85-7	beta-BHC	0.0050	U	1	0.0050	0.051	ug/L	11/06/25 15:46	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.051	ug/L	11/06/25 15:46	PB170426
58-89-9	gamma-BHC (Lindane)	0.0038	U	1	0.0038	0.051	ug/L	11/06/25 15:46	PB170426
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.051	ug/L	11/06/25 15:46	PB170426
309-00-2	Aldrin	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 15:46	PB170426
1024-57-3	Heptachlor epoxide	0.0098	U	1	0.0098	0.051	ug/L	11/06/25 15:46	PB170426
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.051	ug/L	11/06/25 15:46	PB170426
60-57-1	Dieldrin	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 15:46	PB170426
72-55-9	4,4-DDE	0.0038	U	1	0.0038	0.051	ug/L	11/06/25 15:46	PB170426
72-20-8	Endrin	0.0033	U	1	0.0033	0.051	ug/L	11/06/25 15:46	PB170426
33213-65-9	Endosulfan II	0.0081	U	1	0.0081	0.051	ug/L	11/06/25 15:46	PB170426
72-54-8	4,4-DDD	0.0072	U	1	0.0072	0.051	ug/L	11/06/25 15:46	PB170426
1031-07-8	Endosulfan Sulfate	0.0038	U	1	0.0038	0.051	ug/L	11/06/25 15:46	PB170426
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.051	ug/L	11/06/25 15:46	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.051	ug/L	11/06/25 15:46	PB170426
53494-70-5	Endrin ketone	0.0095	U	1	0.0095	0.051	ug/L	11/06/25 15:46	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.051	ug/L	11/06/25 15:46	PB170426
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.051	ug/L	11/06/25 15:46	PB170426
5103-74-2	gamma-Chlordane	0.0040	U	1	0.0040	0.051	ug/L	11/06/25 15:46	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 15:46	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.1			30 (57) - 150 (171)	101%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.9			30 (61) - 150 (148)	85%	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\PD110625\
Data File : PD090998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:46
Operator : AR\AJ
Sample : Q3534-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-11

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 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	49102533	504.7E6	15.767	16.951
28)	SA Decachlor...	9.063	8.058	83093570	610.2E6	17.763	20.145

Target Compounds

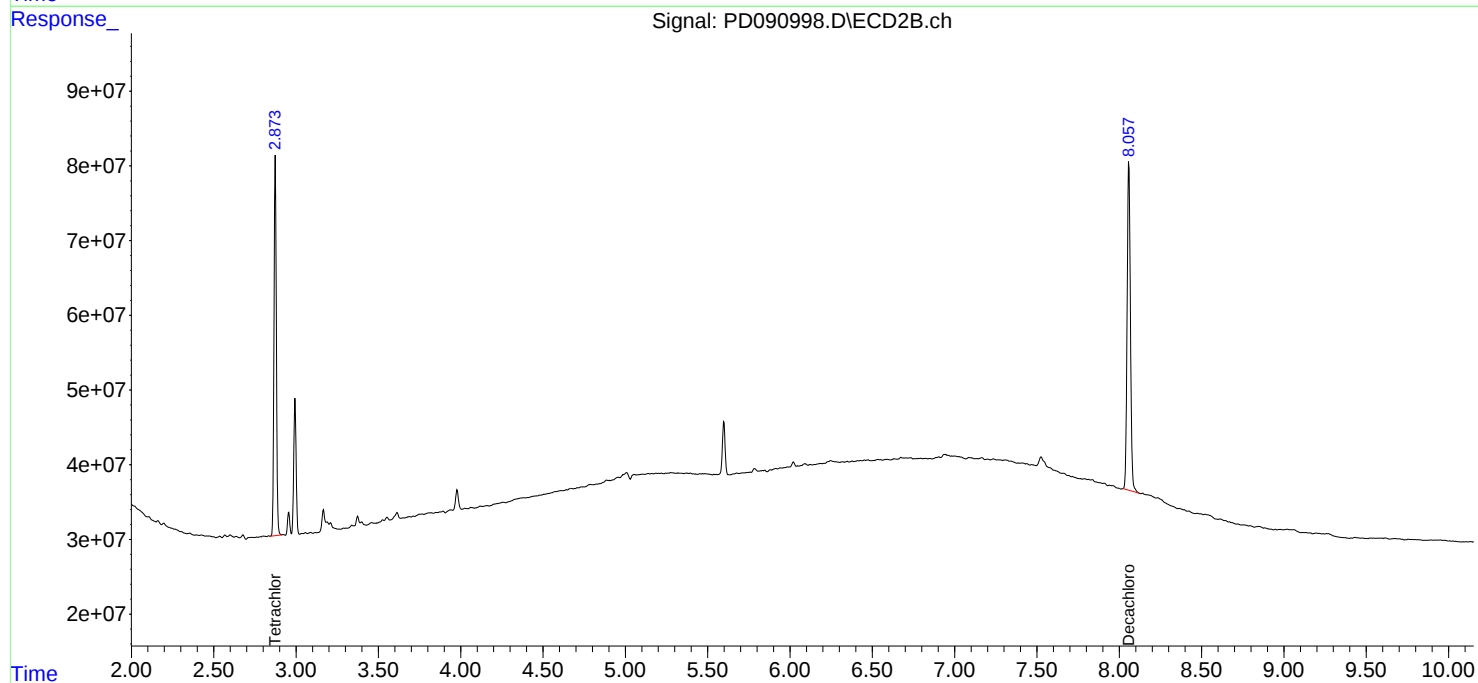
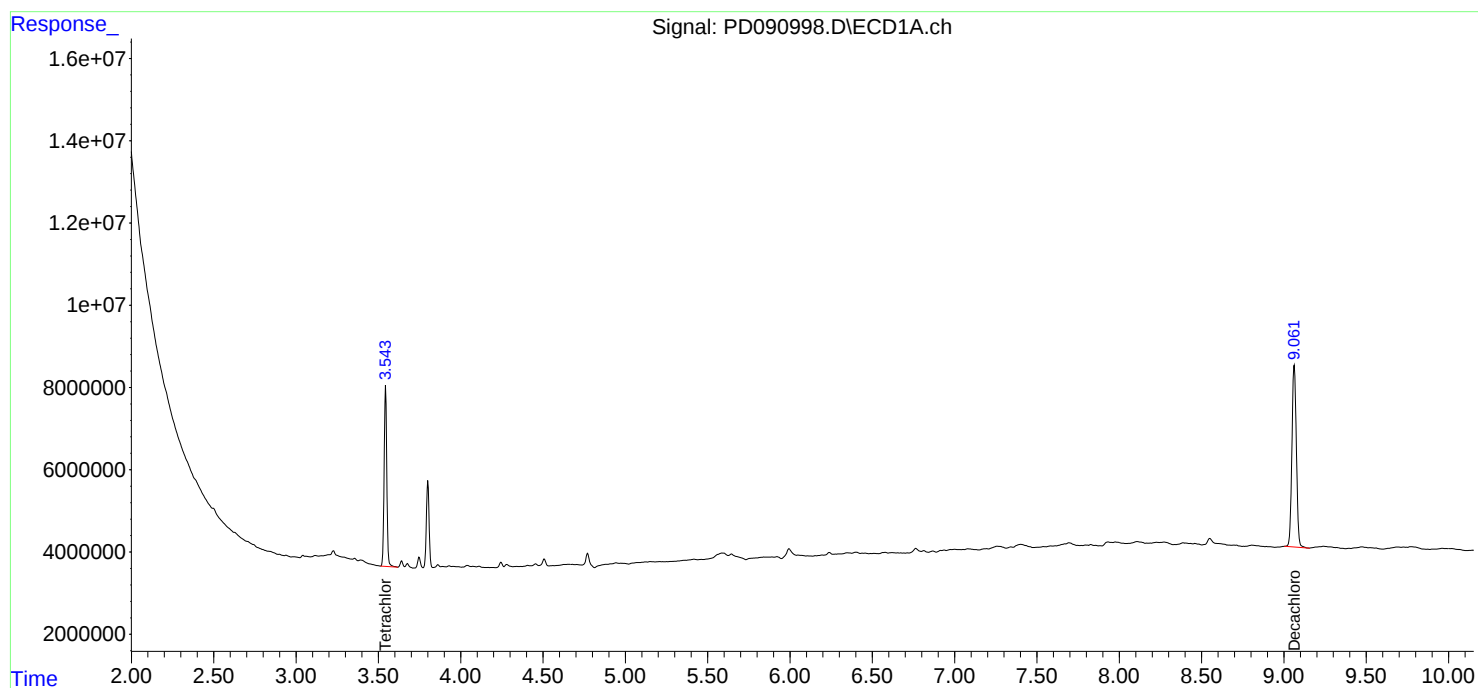
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

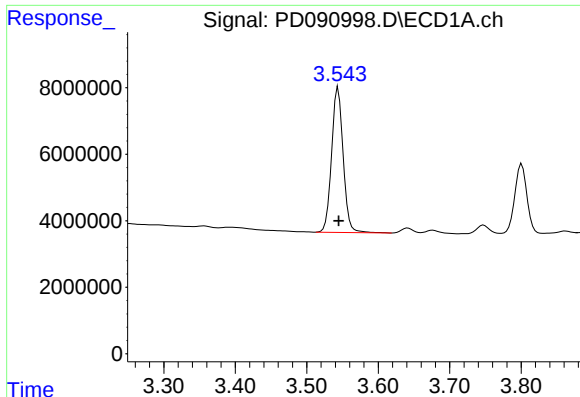
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:46
Operator : AR\AJ
Sample : Q3534-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MW-11

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

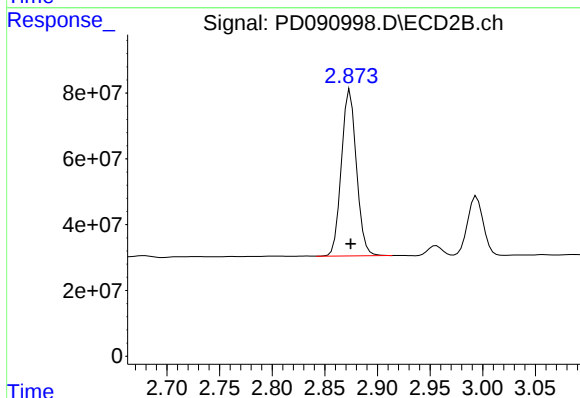




#1 Tetrachloro-m-xylene

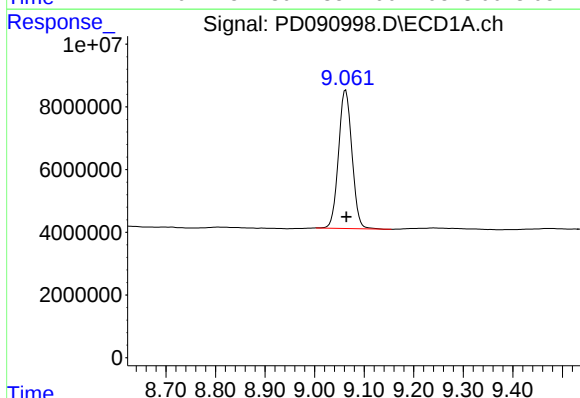
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 49102533
Conc: 15.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-11



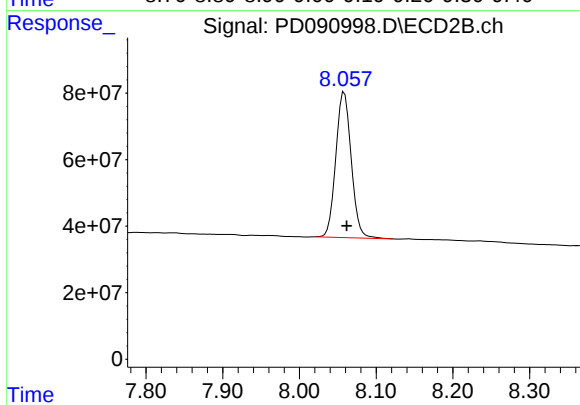
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 504741152
Conc: 16.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 83093570
Conc: 17.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 610233592
Conc: 20.15 ng/ml



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/04/25
Project:	Edison Landfill		Date Received:	11/04/25
Client Sample ID:	MW-5		SDG No.:	Q3534
Lab Sample ID:	Q3534-04		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	485 mL	Final Vol: 5000 uL	Test:	Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0040	U	1	0.0040	0.052	ug/L	11/06/25 15:59	PB170426
319-85-7	beta-BHC	0.028	JP	1	0.0051	0.052	ug/L	11/06/25 15:59	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.052	ug/L	11/06/25 15:59	PB170426
58-89-9	gamma-BHC (Lindane)	0.0038	U	1	0.0038	0.052	ug/L	11/06/25 15:59	PB170426
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.052	ug/L	11/06/25 15:59	PB170426
309-00-2	Aldrin	0.0037	U	1	0.0037	0.052	ug/L	11/06/25 15:59	PB170426
1024-57-3	Heptachlor epoxide	0.0099	U	1	0.0099	0.052	ug/L	11/06/25 15:59	PB170426
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.052	ug/L	11/06/25 15:59	PB170426
60-57-1	Dieldrin	0.0037	U	1	0.0037	0.052	ug/L	11/06/25 15:59	PB170426
72-55-9	4,4-DDE	0.0038	U	1	0.0038	0.052	ug/L	11/06/25 15:59	PB170426
72-20-8	Endrin	0.0033	U	1	0.0033	0.052	ug/L	11/06/25 15:59	PB170426
33213-65-9	Endosulfan II	0.0081	U	1	0.0081	0.052	ug/L	11/06/25 15:59	PB170426
72-54-8	4,4-DDD	0.0073	U	1	0.0073	0.052	ug/L	11/06/25 15:59	PB170426
1031-07-8	Endosulfan Sulfate	0.0038	U	1	0.0038	0.052	ug/L	11/06/25 15:59	PB170426
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.052	ug/L	11/06/25 15:59	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.052	ug/L	11/06/25 15:59	PB170426
53494-70-5	Endrin ketone	0.0096	U	1	0.0096	0.052	ug/L	11/06/25 15:59	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.052	ug/L	11/06/25 15:59	PB170426
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.052	ug/L	11/06/25 15:59	PB170426
5103-74-2	gamma-Chlordane	0.0040	U	1	0.0040	0.052	ug/L	11/06/25 15:59	PB170426
8001-35-2	Toxaphene	0.18	U	1	0.18	1.00	ug/L	11/06/25 15:59	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.2			30 (57) - 150 (171)	116%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.1			30 (61) - 150 (148)	86%	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\PD110625\
 Data File : PD090999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 15:59
 Operator : AR\AJ
 Sample : Q3534-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MW-5

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 00:28:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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	2.872	52439869	509.4E6	16.839m	17.107m
28) SA Decachlor...	9.063	8.061	78464467	703.4E6	16.773	23.222 #
Target Compounds						
6) B beta-BHC	4.507	4.015	7059251	19416161	2.695	0.979m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 15:59
Operator : AR\AJ
Sample : Q3534-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

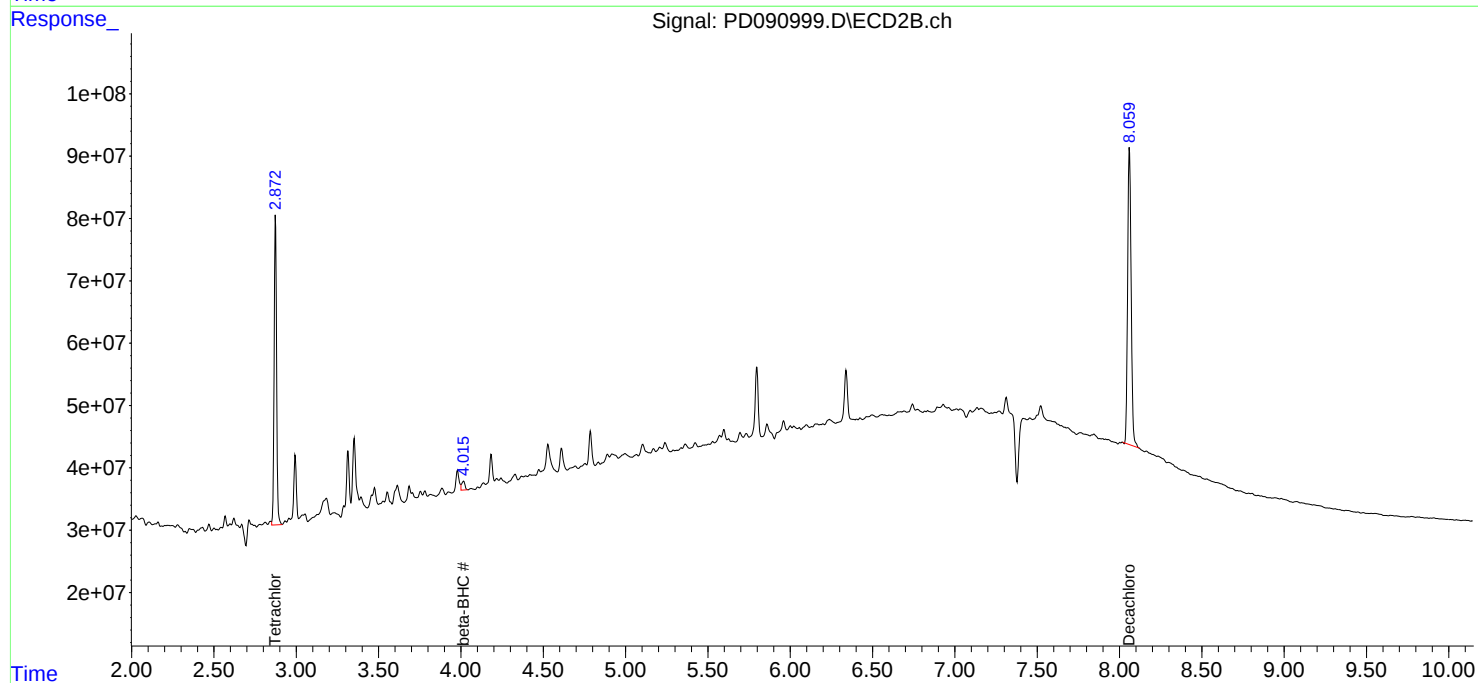
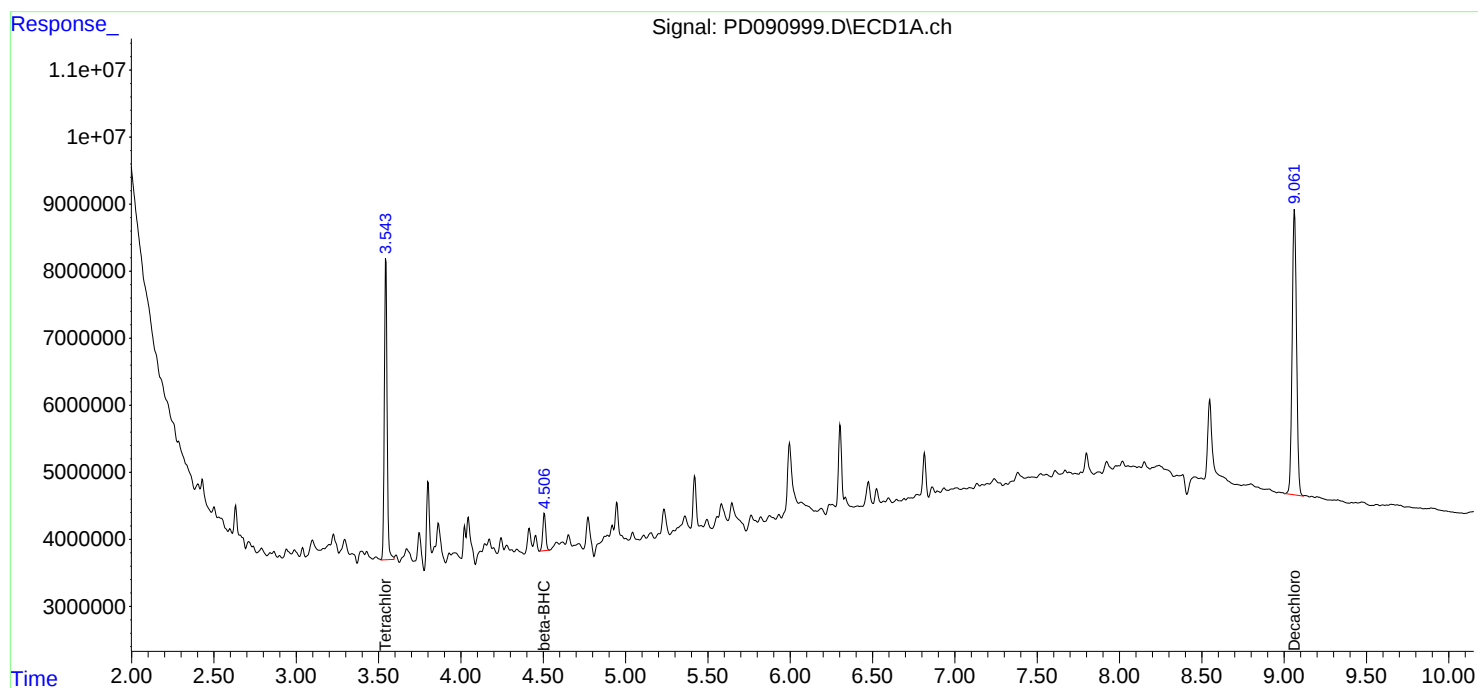
Instrument :
ECD_D
ClientSampleId :
MW-5

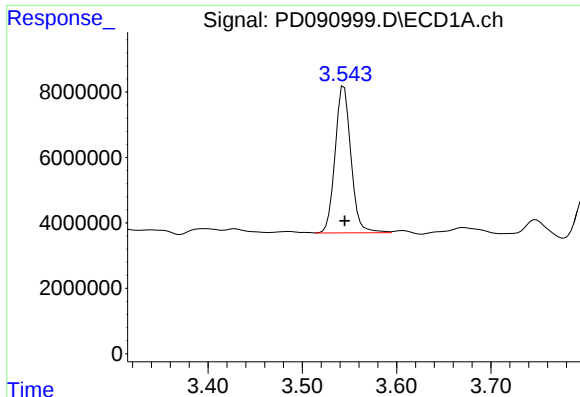
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





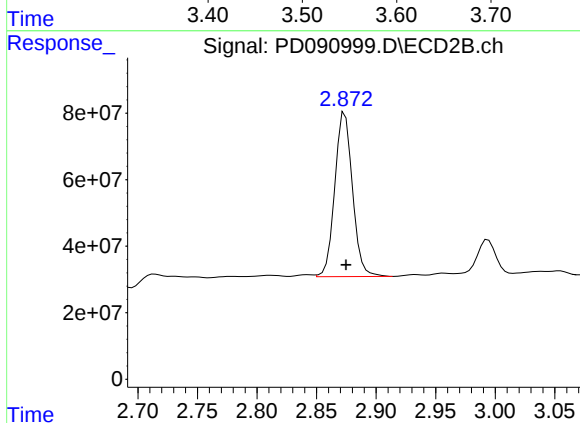
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 52439869
Conc: 16.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-5

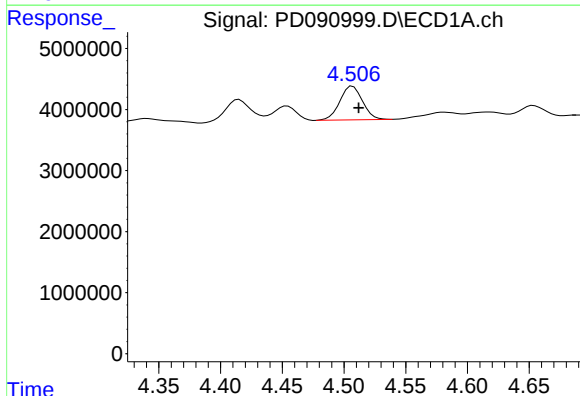
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



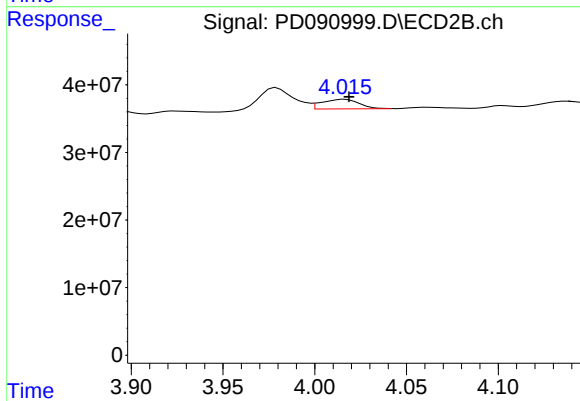
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 509397195
Conc: 17.11 ng/ml m



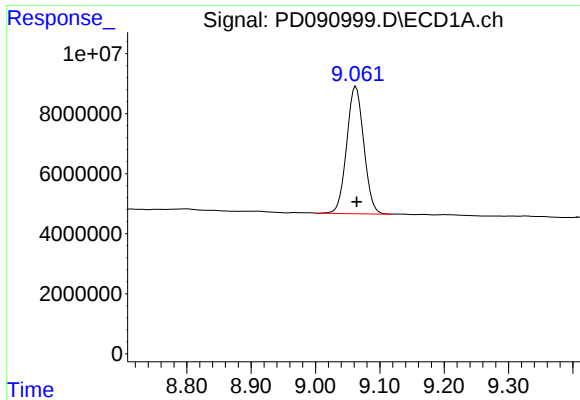
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: -0.005 min
Response: 7059251
Conc: 2.69 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.004 min
Response: 19416161
Conc: 0.98 ng/ml m



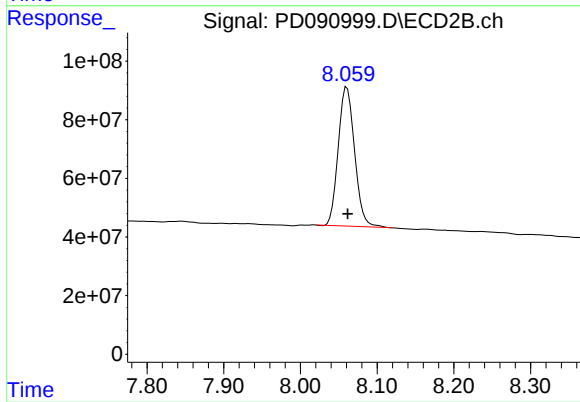
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 78464467
Conc: 16.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 703427342
Conc: 23.22 ng/ml



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/03/25
Project:	Edison Landfill		Date Received:	11/04/25
Client Sample ID:	MW-EB-1		SDG No.:	Q3534
Lab Sample ID:	Q3534-05		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	475 mL	Final Vol: 5000 uL	Test:	Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0041	U	1	0.0041	0.053	ug/L	11/06/25 16:13	PB170426
319-85-7	beta-BHC	9.90	EP	1	0.0052	0.053	ug/L	11/06/25 16:13	PB170426
319-86-8	delta-BHC	0.012	U	1	0.012	0.053	ug/L	11/06/25 16:13	PB170426
58-89-9	gamma-BHC (Lindane)	0.0039	U	1	0.0039	0.053	ug/L	11/06/25 16:13	PB170426
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.053	ug/L	11/06/25 16:13	PB170426
309-00-2	Aldrin	0.0038	U	1	0.0038	0.053	ug/L	11/06/25 16:13	PB170426
1024-57-3	Heptachlor epoxide	0.010	U	1	0.010	0.053	ug/L	11/06/25 16:13	PB170426
959-98-8	Endosulfan I	0.92	P	1	0.0033	0.053	ug/L	11/06/25 16:13	PB170426
60-57-1	Dieldrin	0.0038	U	1	0.0038	0.053	ug/L	11/06/25 16:13	PB170426
72-55-9	4,4-DDE	0.0039	U	1	0.0039	0.053	ug/L	11/06/25 16:13	PB170426
72-20-8	Endrin	0.0034	U	1	0.0034	0.053	ug/L	11/06/25 16:13	PB170426
33213-65-9	Endosulfan II	0.0083	U	1	0.0083	0.053	ug/L	11/06/25 16:13	PB170426
72-54-8	4,4-DDD	0.0075	U	1	0.0075	0.053	ug/L	11/06/25 16:13	PB170426
1031-07-8	Endosulfan Sulfate	0.0039	U	1	0.0039	0.053	ug/L	11/06/25 16:13	PB170426
50-29-3	4,4-DDT	0.0037	U	1	0.0037	0.053	ug/L	11/06/25 16:13	PB170426
72-43-5	Methoxychlor	0.012	U	1	0.012	0.053	ug/L	11/06/25 16:13	PB170426
53494-70-5	Endrin ketone	0.0098	U	1	0.0098	0.053	ug/L	11/06/25 16:13	PB170426
7421-93-4	Endrin aldehyde	0.012	U	1	0.012	0.053	ug/L	11/06/25 16:13	PB170426
5103-71-9	alpha-Chlordane	0.0037	U	1	0.0037	0.053	ug/L	11/06/25 16:13	PB170426
5103-74-2	gamma-Chlordane	0.0041	U	1	0.0041	0.053	ug/L	11/06/25 16:13	PB170426
8001-35-2	Toxaphene	0.18	U	1	0.18	1.10	ug/L	11/06/25 16:13	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.4			30 (57) - 150 (171)	102%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.2			30 (61) - 150 (148)	86%	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\PD110625\
 Data File : PD091000.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 16:13
 Operator : AR\AJ
 Sample : Q3534-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MW-EB-1

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 00:28:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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...	3.545	2.874	53553890	479.5E6	17.197	16.103m
2) SA Decachlor...	9.062	8.059	73081843	617.7E6	15.623m	20.393m#
Target Compounds						
6) B beta-BHC	4.522	4.022	2461.4E6	9214.5E6	939.592	464.684 #
9) A Endosulfan I	6.072	5.232	485.3E6	258.5E6	87.646	6.562 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:13
Operator : AR\AJ
Sample : Q3534-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

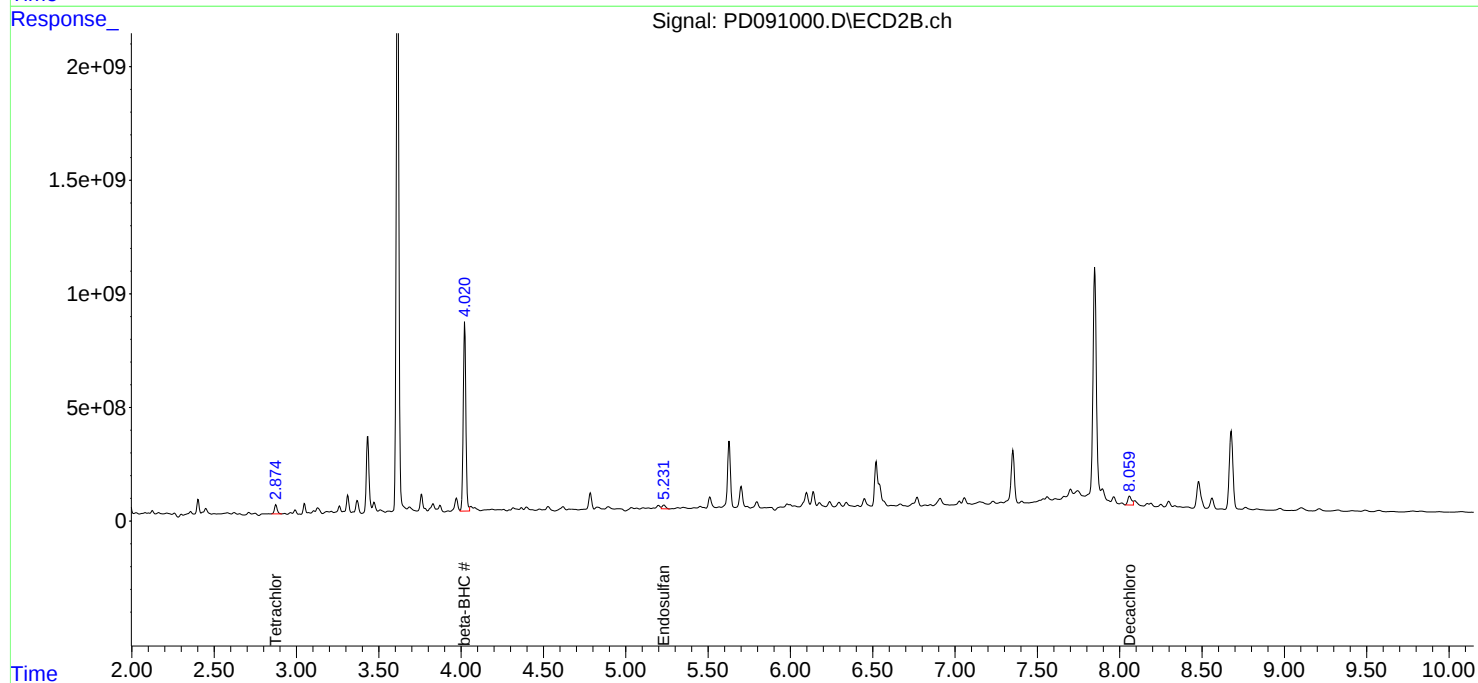
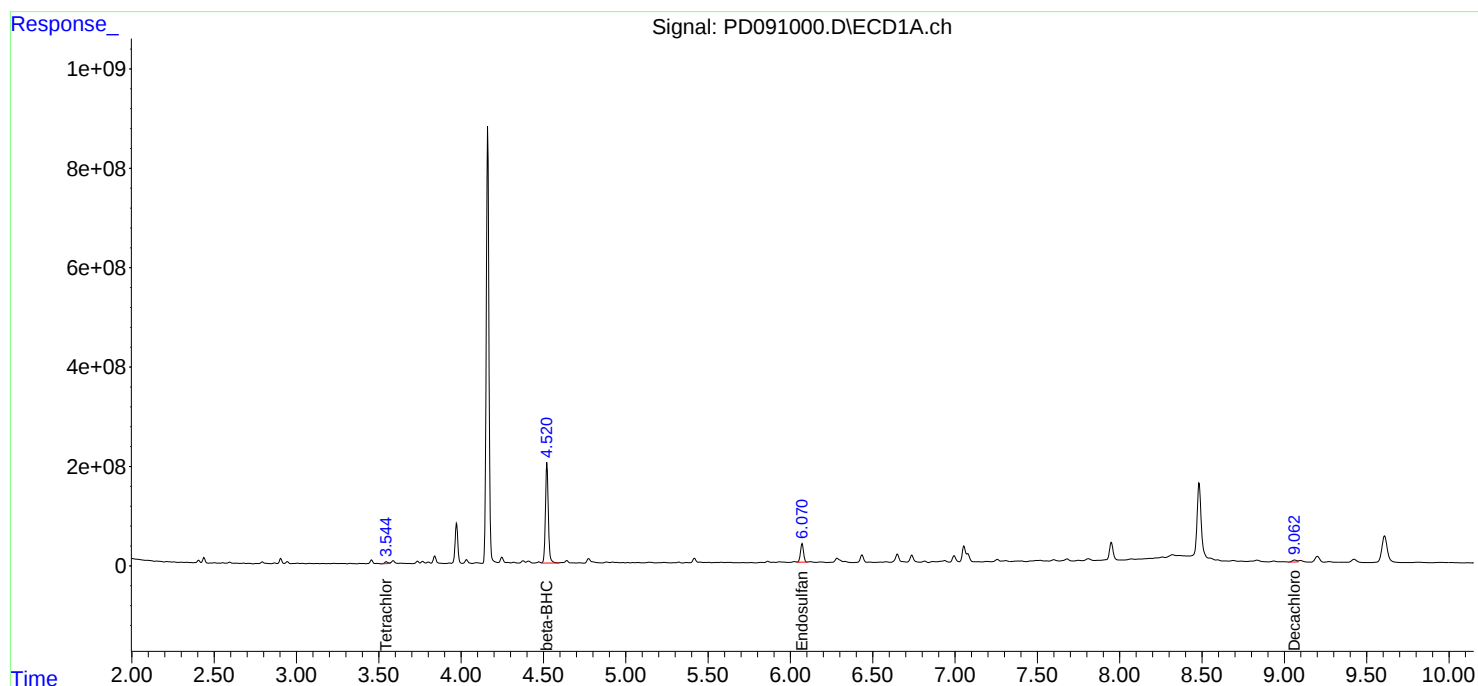
Instrument :
ECD_D
ClientSampleId :
MW-EB-1

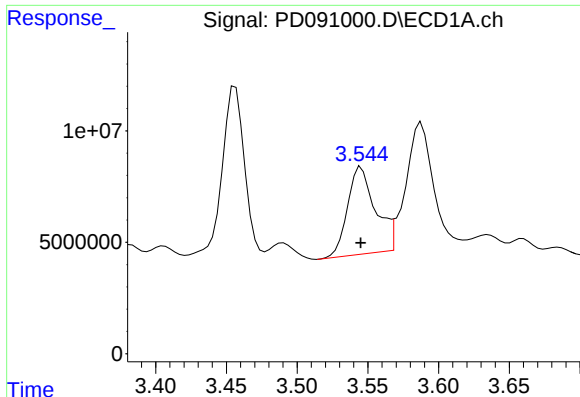
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





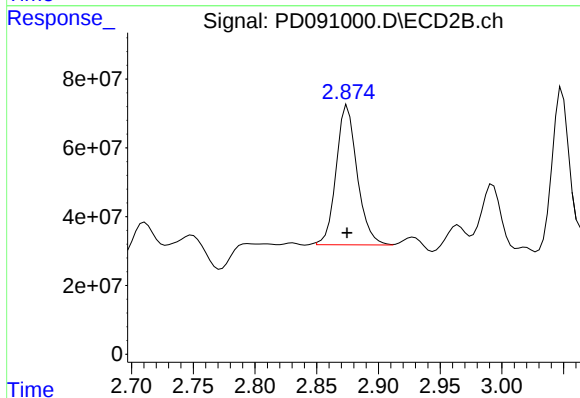
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 53553890
Conc: 17.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-EB-1

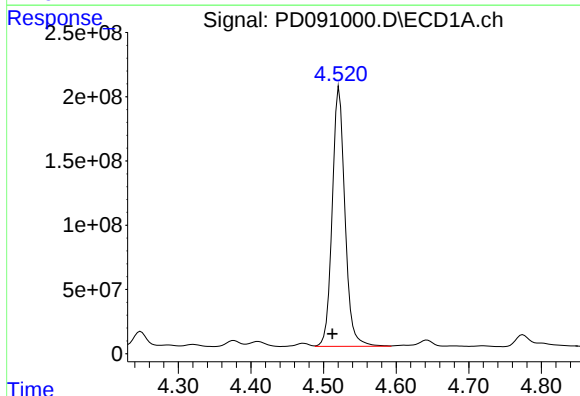
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



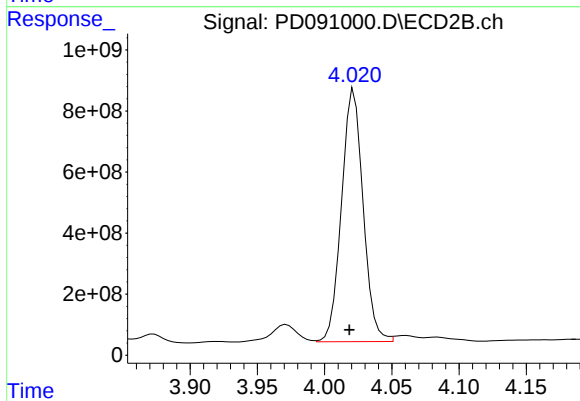
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 479515976
Conc: 16.10 ng/ml m



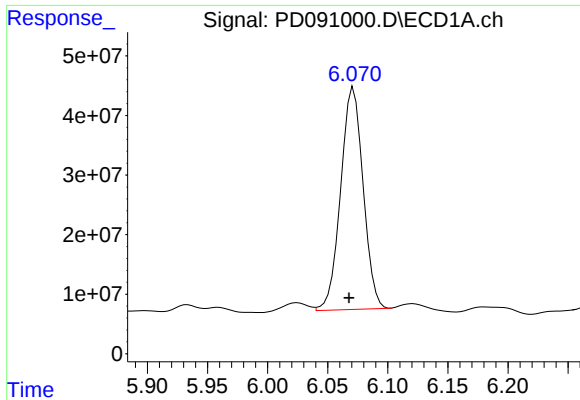
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.010 min
Response: 2461383311
Conc: 939.59 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.003 min
Response: 9214481653
Conc: 464.68 ng/ml



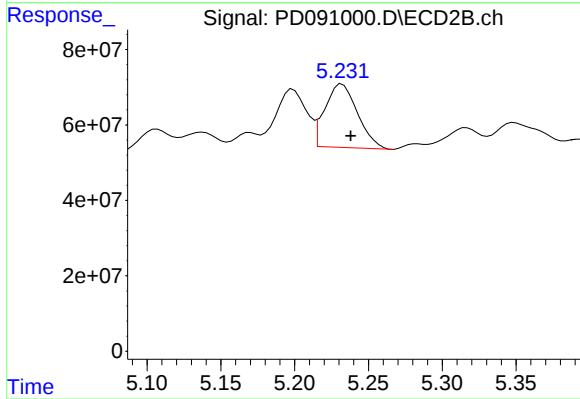
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.004 min
Response: 485265877
Conc: 87.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
MW-EB-1

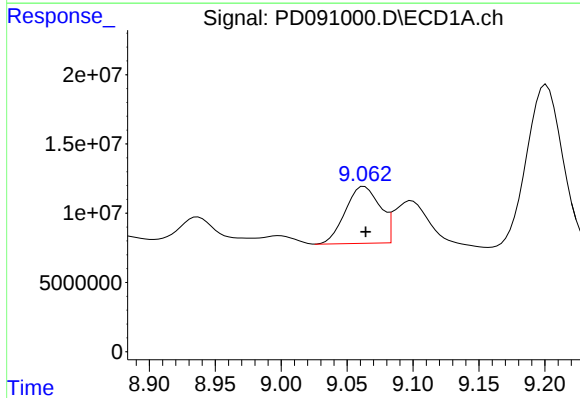
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



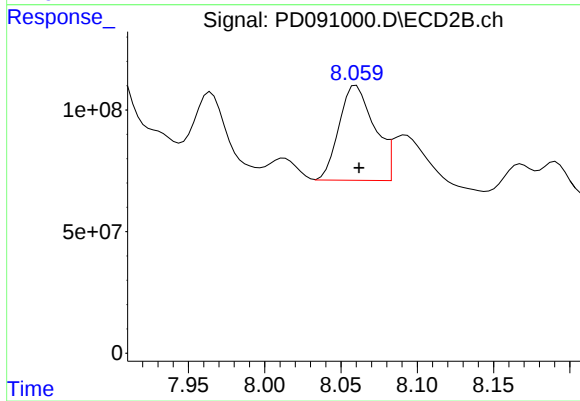
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: -0.006 min
Response: 258462021
Conc: 6.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.003 min
Response: 73081843
Conc: 15.62 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 617722637
Conc: 20.39 ng/ml m



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/04/25
Project:	Edison Landfill		Date Received:	11/04/25
Client Sample ID:	FB-1		SDG No.:	Q3534
Lab Sample ID:	Q3534-09		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	495 mL	Final Vol: 5000 uL	Test:	Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25		

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	0.051	ug/L	11/06/25 16:54	PB170426
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.051	ug/L	11/06/25 16:54	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.051	ug/L	11/06/25 16:54	PB170426
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 16:54	PB170426
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.051	ug/L	11/06/25 16:54	PB170426
309-00-2	Aldrin	0.0036	U	1	0.0036	0.051	ug/L	11/06/25 16:54	PB170426
1024-57-3	Heptachlor epoxide	0.0097	U	1	0.0097	0.051	ug/L	11/06/25 16:54	PB170426
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.051	ug/L	11/06/25 16:54	PB170426
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.051	ug/L	11/06/25 16:54	PB170426
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 16:54	PB170426
72-20-8	Endrin	0.0032	U	1	0.0032	0.051	ug/L	11/06/25 16:54	PB170426
33213-65-9	Endosulfan II	0.0080	U	1	0.0080	0.051	ug/L	11/06/25 16:54	PB170426
72-54-8	4,4-DDD	0.0072	U	1	0.0072	0.051	ug/L	11/06/25 16:54	PB170426
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 16:54	PB170426
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.051	ug/L	11/06/25 16:54	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.051	ug/L	11/06/25 16:54	PB170426
53494-70-5	Endrin ketone	0.0094	U	1	0.0094	0.051	ug/L	11/06/25 16:54	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.051	ug/L	11/06/25 16:54	PB170426
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.051	ug/L	11/06/25 16:54	PB170426
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.051	ug/L	11/06/25 16:54	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 16:54	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.5			30 (57) - 150 (171)	83%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.7			30 (61) - 150 (148)	93%	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\PD110625\
Data File : PD091003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:54
Operator : AR\AJ
Sample : Q3534-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
FB-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 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	53749414	556.3E6	17.260	18.681
28)	SA Decachlor...	9.063	8.059	73489747	501.1E6	15.710	16.544

Target Compounds

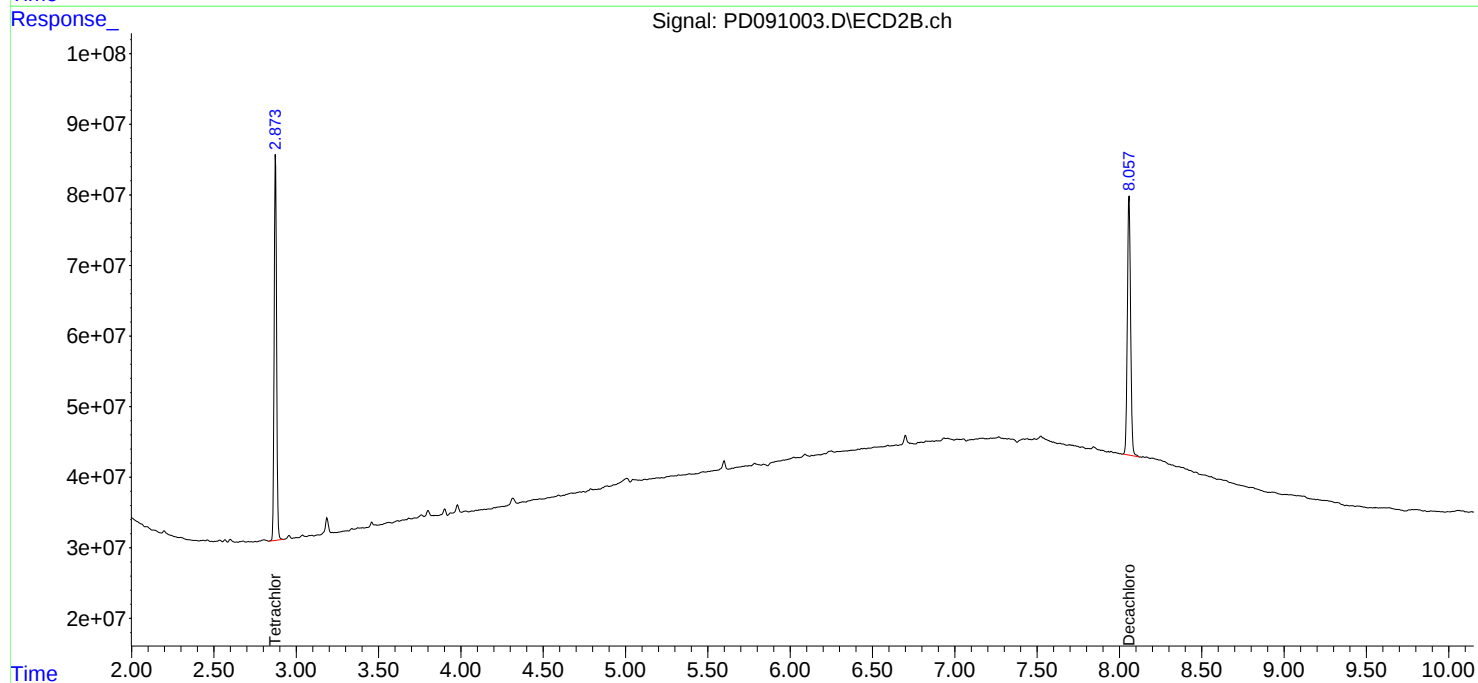
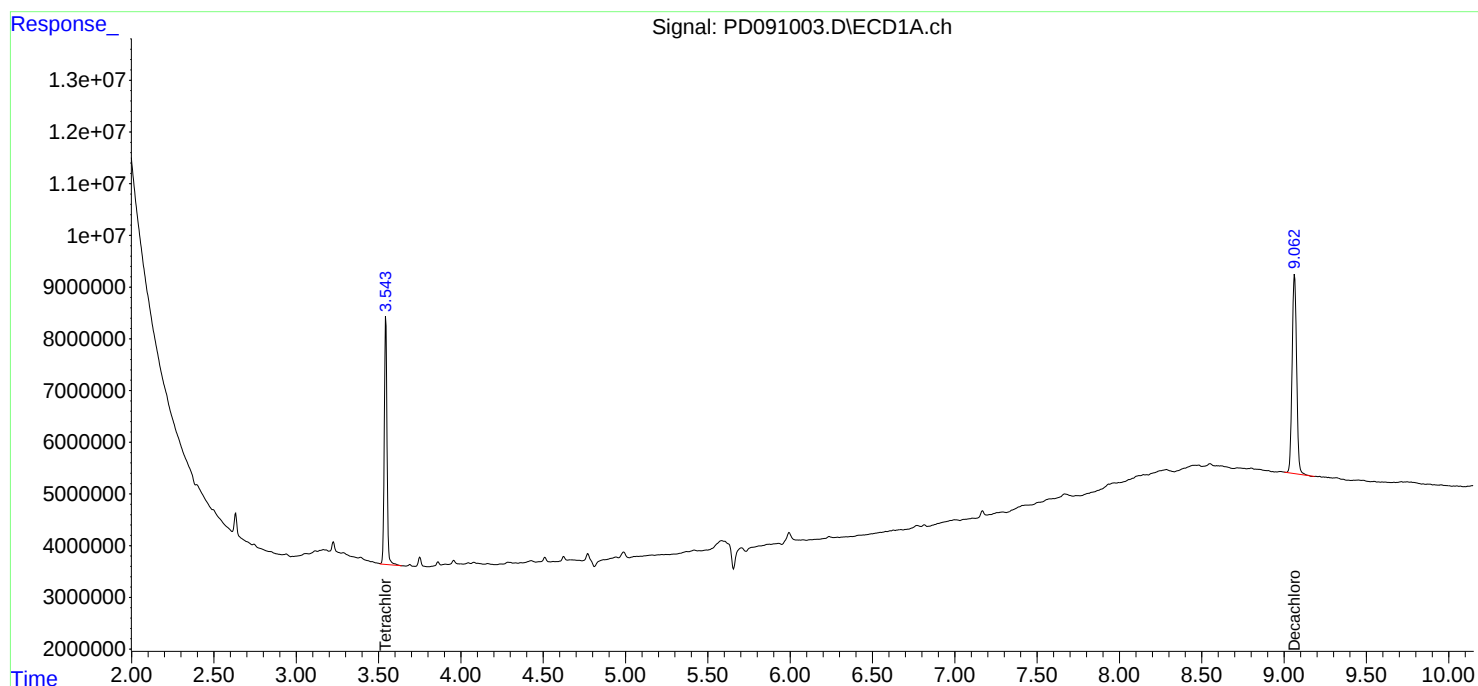
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

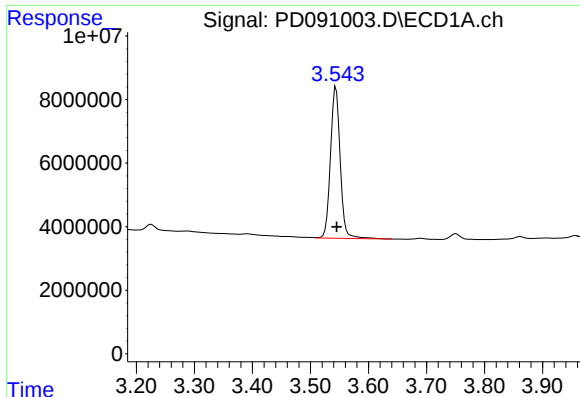
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 16:54
Operator : AR\AJ
Sample : Q3534-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
FB-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:28:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

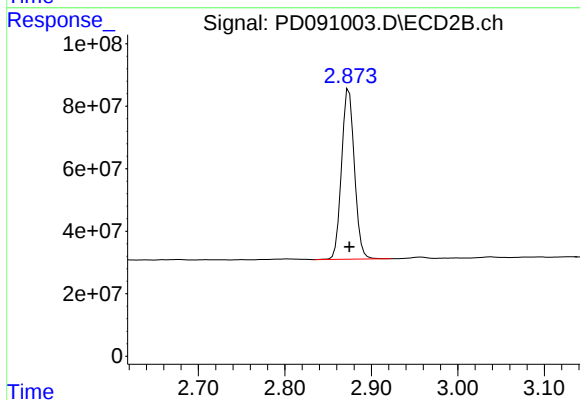




#1 Tetrachloro-m-xylene

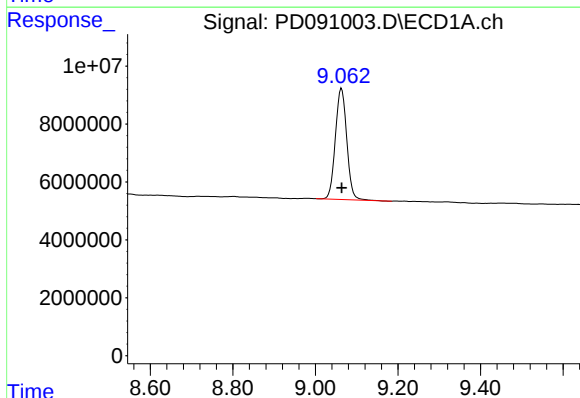
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 53749414
Conc: 17.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
FB-1



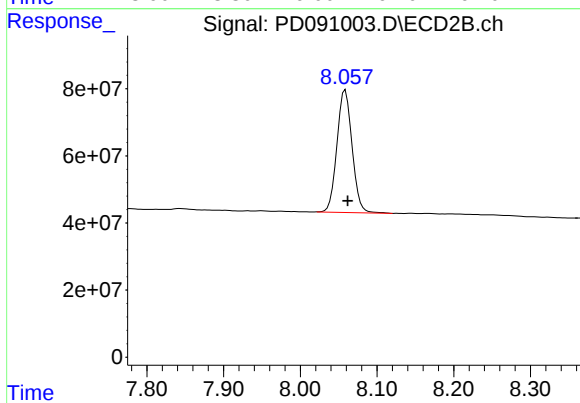
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 556256395
Conc: 18.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 73489747
Conc: 15.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 501137086
Conc: 16.54 ng/ml



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/04/25
Project:	Edison Landfill		Date Received:	11/04/25
Client Sample ID:	EB-1		SDG No.:	Q3534
Lab Sample ID:	Q3534-10		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	495 mL	Final Vol: 5000 uL	Test:	Pesticide-TCL
Prep Method:	3510C	Prep Date: 11/06/25		

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	0.051	ug/L	11/06/25 17:08	PB170426
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.051	ug/L	11/06/25 17:08	PB170426
319-86-8	delta-BHC	0.011	U	1	0.011	0.051	ug/L	11/06/25 17:08	PB170426
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 17:08	PB170426
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.051	ug/L	11/06/25 17:08	PB170426
309-00-2	Aldrin	0.0036	U	1	0.0036	0.051	ug/L	11/06/25 17:08	PB170426
1024-57-3	Heptachlor epoxide	0.0097	U	1	0.0097	0.051	ug/L	11/06/25 17:08	PB170426
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.051	ug/L	11/06/25 17:08	PB170426
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.051	ug/L	11/06/25 17:08	PB170426
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 17:08	PB170426
72-20-8	Endrin	0.0032	U	1	0.0032	0.051	ug/L	11/06/25 17:08	PB170426
33213-65-9	Endosulfan II	0.0080	U	1	0.0080	0.051	ug/L	11/06/25 17:08	PB170426
72-54-8	4,4-DDD	0.0072	U	1	0.0072	0.051	ug/L	11/06/25 17:08	PB170426
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.051	ug/L	11/06/25 17:08	PB170426
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.051	ug/L	11/06/25 17:08	PB170426
72-43-5	Methoxychlor	0.011	U	1	0.011	0.051	ug/L	11/06/25 17:08	PB170426
53494-70-5	Endrin ketone	0.0094	U	1	0.0094	0.051	ug/L	11/06/25 17:08	PB170426
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.051	ug/L	11/06/25 17:08	PB170426
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.051	ug/L	11/06/25 17:08	PB170426
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.051	ug/L	11/06/25 17:08	PB170426
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25 17:08	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.7			30 (57) - 150 (171)	93%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.7			30 (61) - 150 (148)	108%	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\PD110625\
Data File : PD091004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:08
Operator : AR\AJ
Sample : Q3534-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
EB-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:29:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 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	2.874	63635089	645.7E6	20.434	21.686
28)	SA Decachlor...	9.063	8.059	80571621	566.1E6	17.224	18.689

Target Compounds

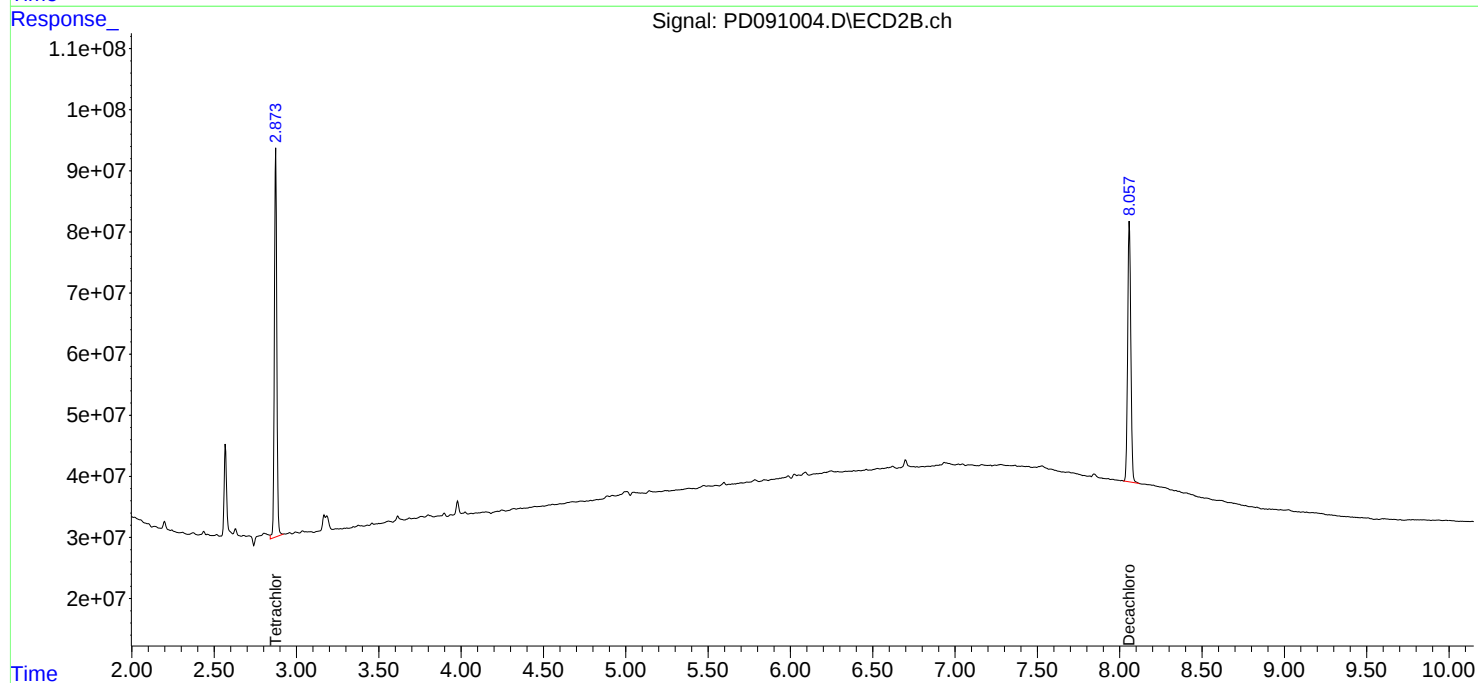
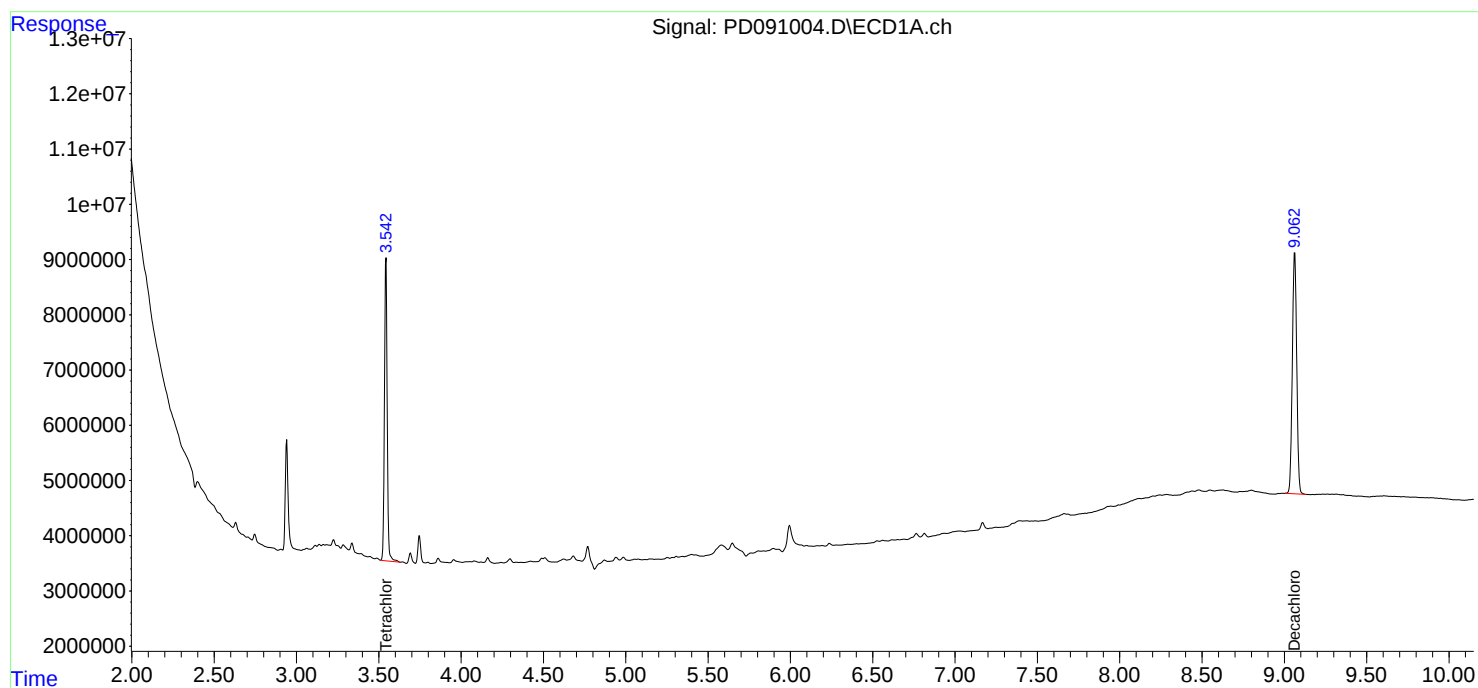
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

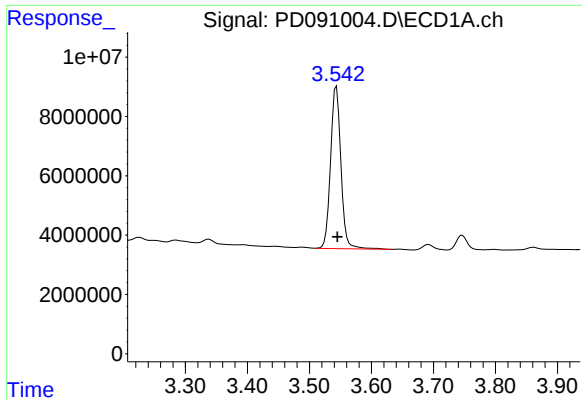
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 17:08
Operator : AR\AJ
Sample : Q3534-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
EB-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:29:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

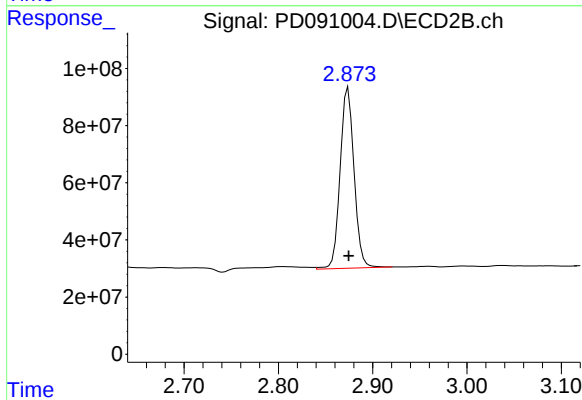




#1 Tetrachloro-m-xylene

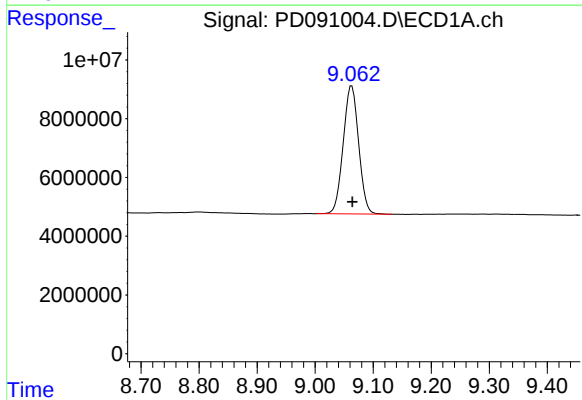
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 63635089
Conc: 20.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
EB-1



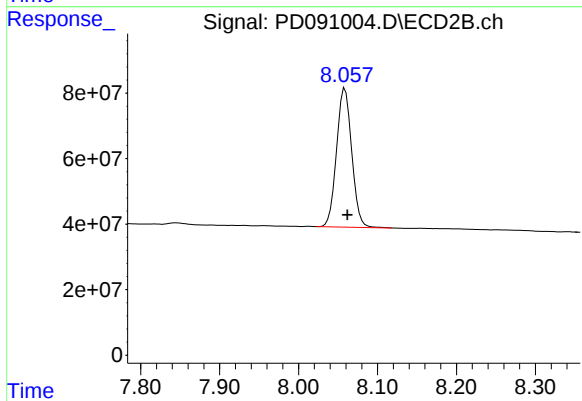
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 645733417
Conc: 21.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 80571621
Conc: 17.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 566120462
Conc: 18.69 ng/ml



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3534</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

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

LAB FILE ID:	RT 100 = <u>PD090650.D</u>	RT 075 = <u>PD090651.D</u>
RT 050 = <u>PD090652.D</u>	RT 025 = <u>PD090653.D</u>	RT 005 = <u>PD090654.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	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	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.27	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	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
delta-BHC	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
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	7.15	7.15	7.15	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
Endrin aldehyde	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Endrin ketone	7.63	7.63	7.63	7.63	7.62	7.62	7.52	7.72
gamma-BHC (Lindane)	4.32	4.33	4.33	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	5.69	5.69	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	3.55	3.55	3.54	3.54	3.54	3.44	3.64

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3534</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

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

LAB FILE ID:	RT 100 = <u>PD090650.D</u>	RT 075 = <u>PD090651.D</u>
RT 050 = <u>PD090652.D</u>	RT 025 = <u>PD090653.D</u>	RT 005 = <u>PD090654.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.17	6.18	6.17	6.17	6.18	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
delta-BHC	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
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
Endrin aldehyde	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Endrin ketone	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
gamma-Chlordane	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97



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: REMI02
SDG NO.: Q3534

Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID:		CF 100 =	<u>PD090650.D</u>	CF 075 =	<u>PD090651.D</u>		
CF 050 =		<u>PD090652.D</u>	CF 025 =	<u>PD090653.D</u>	CF 005 =	<u>PD090654.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4150980000	4075270000	4055470000	3840760000	4148570000	4054210000	3
4,4'-DDE	5435610000	5370750000	5317610000	5053060000	5456160000	5326640000	3
4,4'-DDT	4256810000	4152600000	4117930000	3927880000	4097130000	4110470000	3
Aldrin	6694230000	6562230000	6516940000	6238140000	6724820000	6547270000	3
alpha-BHC	7752530000	7402380000	7252210000	6743070000	6735520000	7177140000	6
alpha-Chlordane	5966070000	5905470000	5938650000	6170460000	6920630000	6180250000	7
beta-BHC	2515210000	2489310000	2540370000	2560620000	2992650000	2619630000	8
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
delta-BHC	7169260000	6905720000	6771510000	6342450000	6619680000	6761720000	5
Dieldrin	5929890000	5841940000	5818180000	5550330000	6016400000	5831350000	3
Endosulfan I	5452270000	5404490000	5449050000	5348660000	6028770000	5536650000	5
Endosulfan II	4873230000	4835950000	4885080000	4789750000	5615800000	4999960000	7
Endosulfan sulfate	4557060000	4504850000	4556170000	4479960000	5092920000	4638190000	6
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
Endrin aldehyde	3505880000	3507960000	3571680000	3579710000	4148280000	3662700000	7
Endrin ketone	4819770000	4736510000	4782320000	4695250000	5260400000	4858850000	5
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
gamma-Chlordane	5972450000	5894040000	5855640000	5592670000	6341090000	5931180000	5
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6



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: REMI02
SDG NO.: Q3534

Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID:		CF 100 =	<u>PD090650.D</u>	CF 075 =	<u>PD090651.D</u>		
CF 050 =		<u>PD090652.D</u>	CF 025 =	<u>PD090653.D</u>	CF 005 =	<u>PD090654.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	33708900000	34309400000	35560900000	36237500000	42373300000	36438000000	10
4,4'-DDE	40500800000	41191000000	42548600000	43577200000	51373700000	43838300000	10
4,4'-DDT	33888000000	33982600000	34868200000	34959100000	37667600000	35073100000	4
Aldrin	43083800000	43574800000	45033800000	46172400000	53729700000	46318900000	9
alpha-BHC	49118000000	48392000000	49683700000	50500300000	57784900000	51095800000	7
alpha-Chlordane	40004000000	40550200000	41893000000	42708900000	50532500000	43137700000	10
beta-BHC	18296700000	18365500000	19080800000	19804100000	23600800000	19829500000	11
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
delta-BHC	45324900000	45220200000	46466400000	47155800000	54416000000	47716700000	8
Dieldrin	40601100000	41425500000	43096200000	44203200000	51593900000	44184000000	10
Endosulfan I	35728600000	36586400000	38185700000	39478600000	46972400000	39390300000	11
Endosulfan II	34269700000	34968100000	36432200000	37520200000	44587200000	37555500000	11
Endosulfan sulfate	32963400000	33538900000	34960800000	35861000000	41900900000	35845000000	10
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
Endrin aldehyde	25110900000	25739400000	26893100000	27767400000	32953200000	27692800000	11
Endrin ketone	34460000000	35020500000	36550700000	37816700000	44740900000	37717800000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
gamma-Chlordane	41920800000	42422300000	43748100000	44346600000	52306700000	44948900000	9
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3534
Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3534

Instrument ID: ECD_D Date(s) Analyzed: 10/17/2025 10/17/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090650.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:34
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC100

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:33:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 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	301.1E6	2790.3E6	99.682	98.737
2)	SA Decachlor...	9.066	8.061	436.1E6	2885.7E6	98.364	99.224
Target Compounds							
2)	A alpha-BHC	3.994	3.386	775.3E6	4911.8E6	103.334	99.427
3)	MA gamma-BHC...	4.324	3.722	718.6E6	4496.5E6	102.762	98.892
4)	MA Heptachlor	4.922	4.075	575.8E6	4127.2E6	101.879	97.673
5)	MB Aldrin	5.264	4.360	669.4E6	4308.4E6	101.342	97.787
6)	B beta-BHC	4.511	4.019	251.5E6	1829.7E6	99.502	97.902
7)	B delta-BHC	4.760	4.255	716.9E6	4532.5E6	102.853	98.756
8)	B Heptachlo...	5.685	4.864	579.6E6	3820.3E6	100.668	96.869
9)	A Endosulfan I	6.068	5.238	545.2E6	3572.9E6	100.030	96.676
10)	B gamma-Chl...	5.940	5.117	597.2E6	4192.1E6	100.988	97.867
11)	B alpha-Chl...	6.020	5.181	596.6E6	4000.4E6	100.230	97.693
12)	B 4,4'-DDE	6.190	5.366	543.6E6	4050.1E6	101.097	97.534
13)	MA Dieldrin	6.341	5.504	593.0E6	4060.1E6	100.951	97.019
14)	MA Endrin	6.568	5.780	503.6E6	3690.2E6	100.979	96.725
15)	B Endosulfa...	6.781	6.072	487.3E6	3427.0E6	99.879	96.941
16)	A 4,4'-DDD	6.700	5.920	415.1E6	3370.9E6	101.164	97.326
17)	MA 4,4'-DDT	7.016	6.174	425.7E6	3388.8E6	101.658	98.574
18)	B Endrin al...	6.910	6.250	350.6E6	2511.1E6	99.070	96.573
19)	B Endosulfa...	7.145	6.474	455.7E6	3296.3E6	100.010	97.059
20)	A Methoxychlor	7.489	6.745	205.0E6	1611.7E6	99.308	96.752
21)	B Endrin ke...	7.625	6.982	482.0E6	3446.0E6	100.390	97.056
22)	Mirex	8.107	7.175	295.5E6	2331.6E6	97.723	97.238

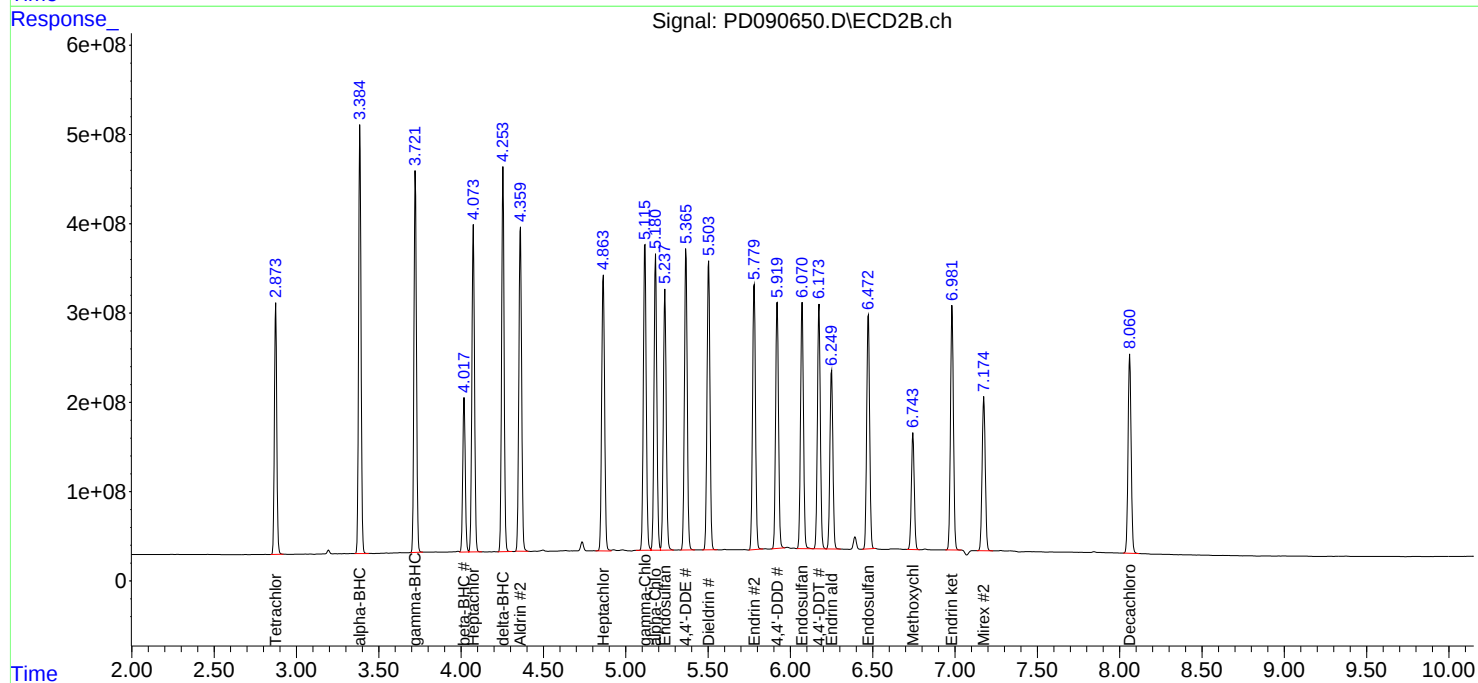
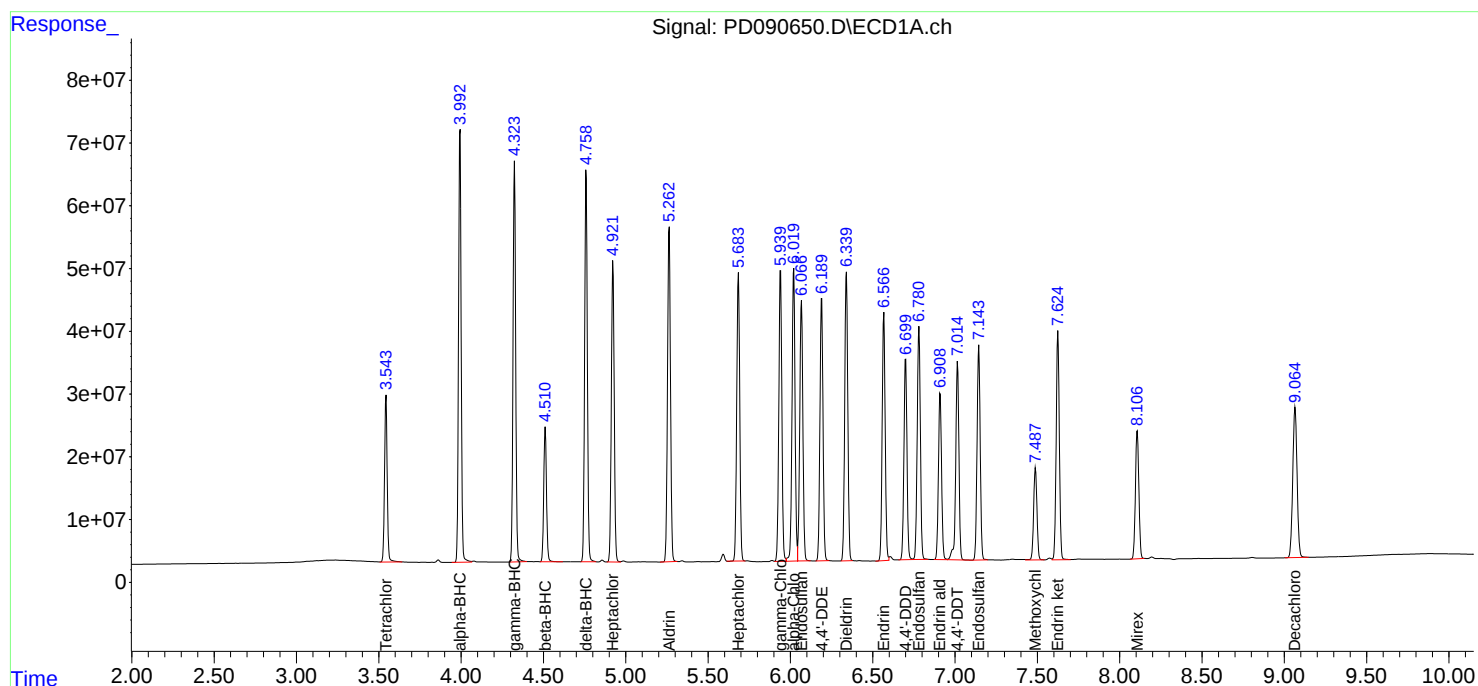
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090650.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:34
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:33:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090651.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:48
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC075

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:35:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 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...	3.545	2.875	221.3E6	2076.7E6	73.844	73.982
28)	SA Decachlor...	9.065	8.062	323.6E6	2118.5E6	73.652	73.550
Target Compounds							
2)	A alpha-BHC	3.994	3.387	555.2E6	3629.4E6	74.331	73.972
3)	MA gamma-BHC...	4.325	3.723	517.9E6	3345.4E6	74.376	74.044
4)	MA Heptachlor	4.923	4.076	419.8E6	3135.8E6	74.519	74.471
5)	MB Aldrin	5.265	4.361	492.2E6	3268.1E6	74.671	74.449
6)	B beta-BHC	4.512	4.019	186.7E6	1377.4E6	74.235	74.130
7)	B delta-BHC	4.760	4.255	517.9E6	3391.5E6	74.535	74.261
8)	B Heptachlo...	5.685	4.865	428.1E6	2916.9E6	74.574	74.304
9)	A Endosulfan I	6.068	5.239	405.3E6	2744.0E6	74.575	74.497
10)	B gamma-Chl...	5.940	5.117	442.1E6	3181.7E6	74.831	74.517
11)	B alpha-Chl...	6.021	5.182	442.9E6	3041.3E6	74.605	74.512
12)	B 4,4'-DDE	6.191	5.366	402.8E6	3089.3E6	74.945	74.597
13)	MA Dieldrin	6.341	5.504	438.1E6	3106.9E6	74.726	74.493
14)	MA Endrin	6.568	5.781	372.2E6	2837.1E6	74.757	74.574
15)	B Endosulfa...	6.781	6.072	362.7E6	2622.6E6	74.556	74.457
16)	A 4,4'-DDD	6.700	5.921	305.6E6	2573.2E6	74.659	74.529
17)	MA 4,4'-DDT	7.016	6.175	311.4E6	2548.7E6	74.584	74.422
18)	B Endrin al...	6.910	6.251	263.1E6	1930.5E6	74.563	74.493
19)	B Endosulfa...	7.145	6.474	337.9E6	2515.4E6	74.430	74.374
20)	A Methoxychlor	7.488	6.745	151.2E6	1223.7E6	73.804	73.968
21)	B Endrin ke...	7.625	6.983	355.2E6	2626.5E6	74.325	74.314
22)	Mirex	8.108	7.176	222.5E6	1780.4E6	74.051	74.497

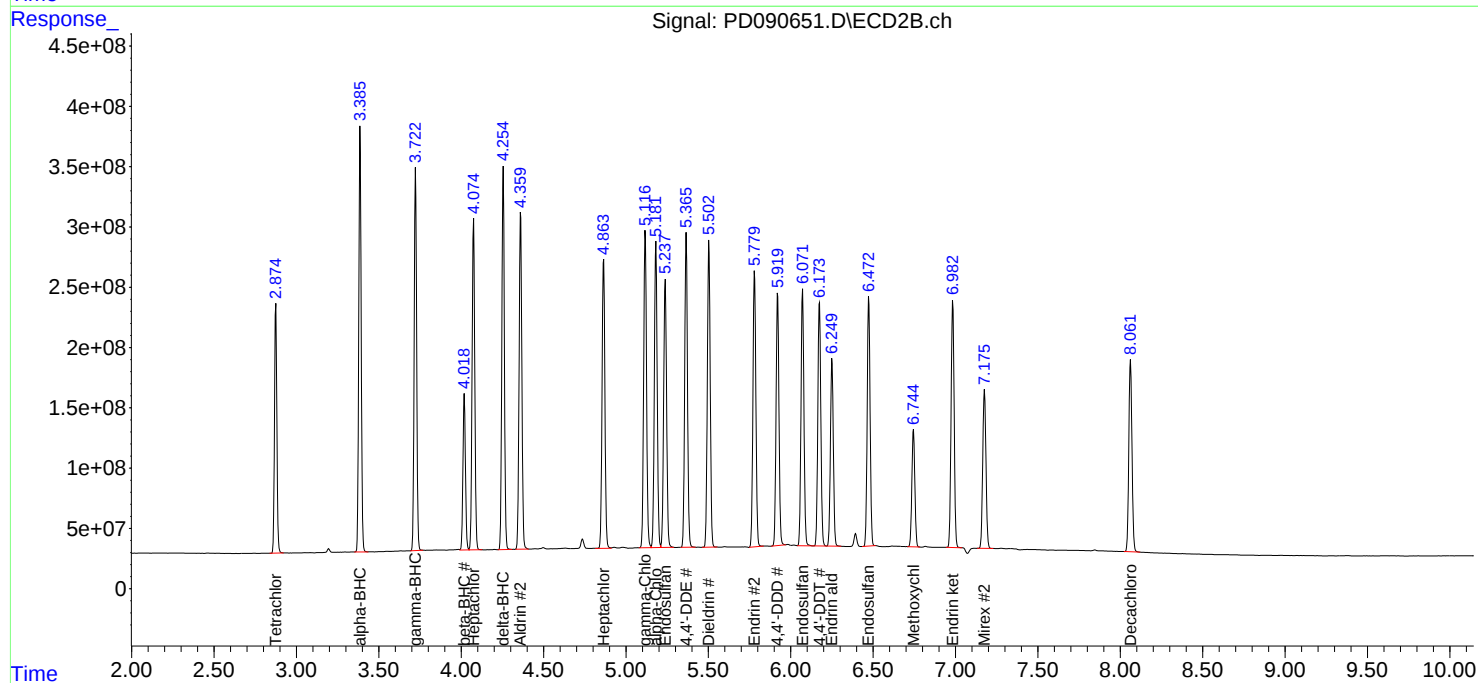
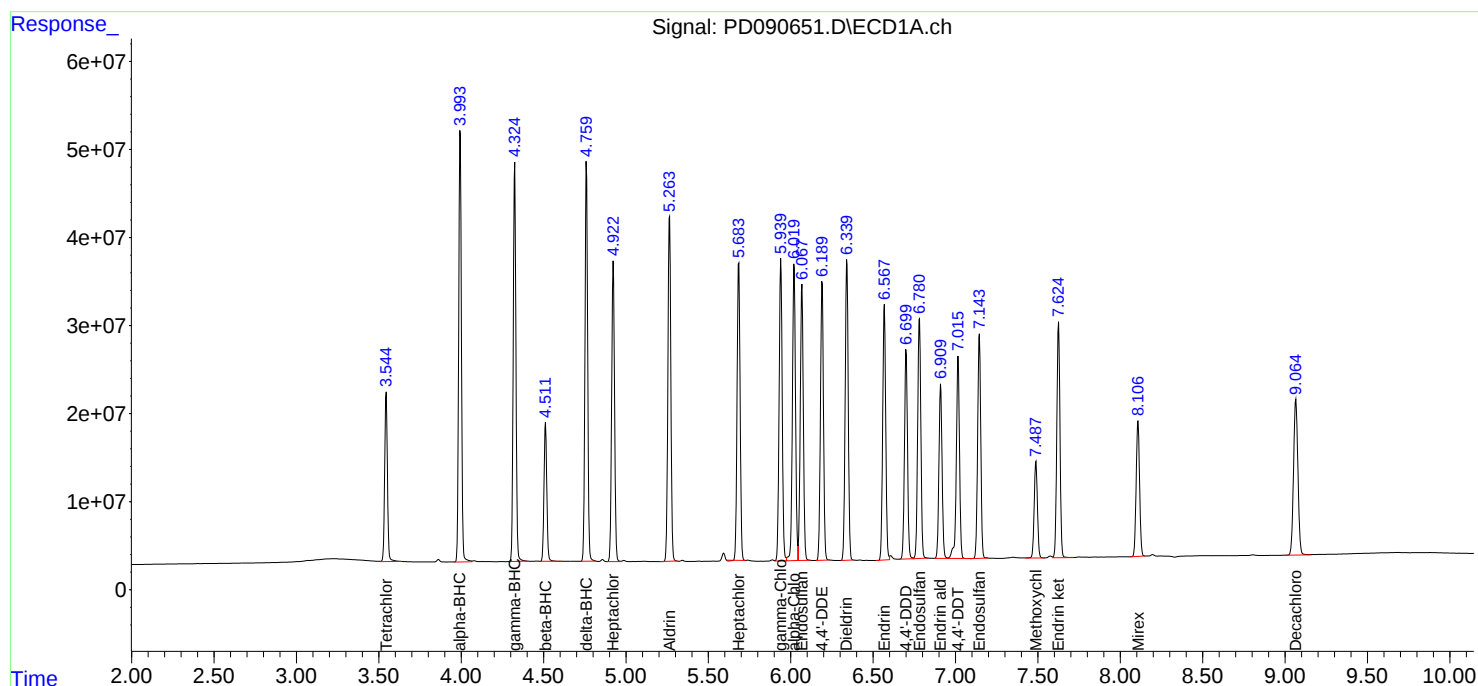
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090651.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:48
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:35:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 12:01
 Operator : AR\AJ
 Sample : PSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:30:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 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...	3.545	2.875	151.5E6	1430.9E6	50.000	50.000
28)	SA Decachlor...	9.064	8.062	225.3E6	1465.4E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	3.994	3.387	362.6E6	2484.2E6	50.000	50.000
3)	MA gamma-BHC...	4.325	3.723	340.0E6	2298.6E6	50.000	50.000
4)	MA Heptachlor	4.923	4.075	277.3E6	2162.0E6	50.000	50.000
5)	MB Aldrin	5.264	4.361	325.8E6	2251.7E6	50.000	50.000
6)	B beta-BHC	4.512	4.019	127.0E6	954.0E6	50.000	50.000
7)	B delta-BHC	4.760	4.255	338.6E6	2323.3E6	50.000	50.000
8)	B Heptachlo...	5.684	4.864	285.9E6	2033.6E6	50.000	50.000
9)	A Endosulfan I	6.068	5.238	272.5E6	1909.3E6	50.000	50.000
10)	B gamma-Chl...	5.940	5.117	292.8E6	2187.4E6	50.000	50.000
11)	B alpha-Chl...	6.021	5.181	296.9E6	2094.7E6	50.000	50.000
12)	B 4,4'-DDE	6.190	5.366	265.9E6	2127.4E6	50.000	50.000
13)	MA Dieldrin	6.340	5.504	290.9E6	2154.8E6	50.000	50.000
14)	MA Endrin	6.568	5.781	246.9E6	1970.0E6	50.000	50.000
15)	B Endosulfa...	6.781	6.072	244.3E6	1821.6E6	50.000	50.000
16)	A 4,4'-DDD	6.700	5.921	202.8E6	1778.0E6	50.000	50.000
17)	MA 4,4'-DDT	7.015	6.174	205.9E6	1743.4E6	50.000	50.000
18)	B Endrin al...	6.910	6.250	178.6E6	1344.7E6	50.000	50.000
19)	B Endosulfa...	7.145	6.474	227.8E6	1748.0E6	50.000	50.000
20)	A Methoxychlor	7.488	6.745	103.9E6	859.9E6	50.000	50.000
21)	B Endrin ke...	7.625	6.983	239.1E6	1827.5E6	50.000	50.000
22)	Mirex	8.107	7.175	154.6E6	1232.0E6	50.000	50.000

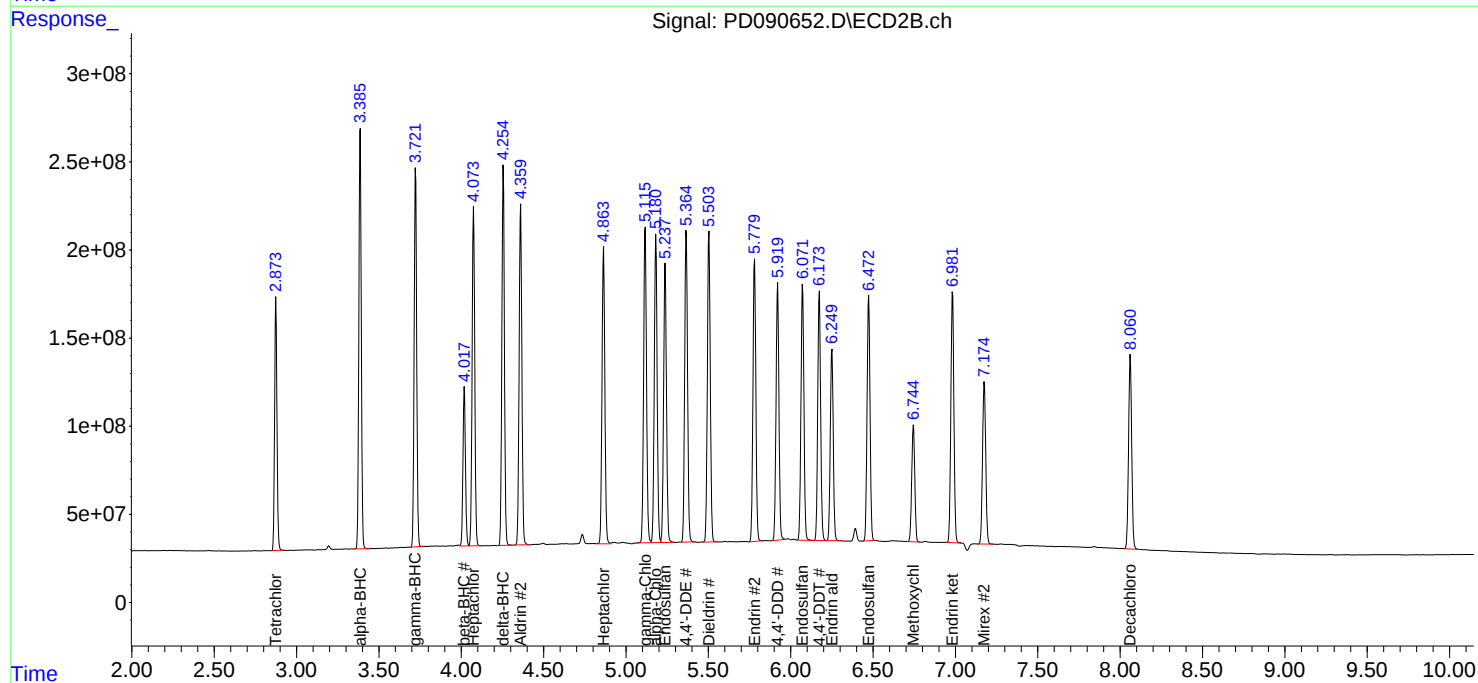
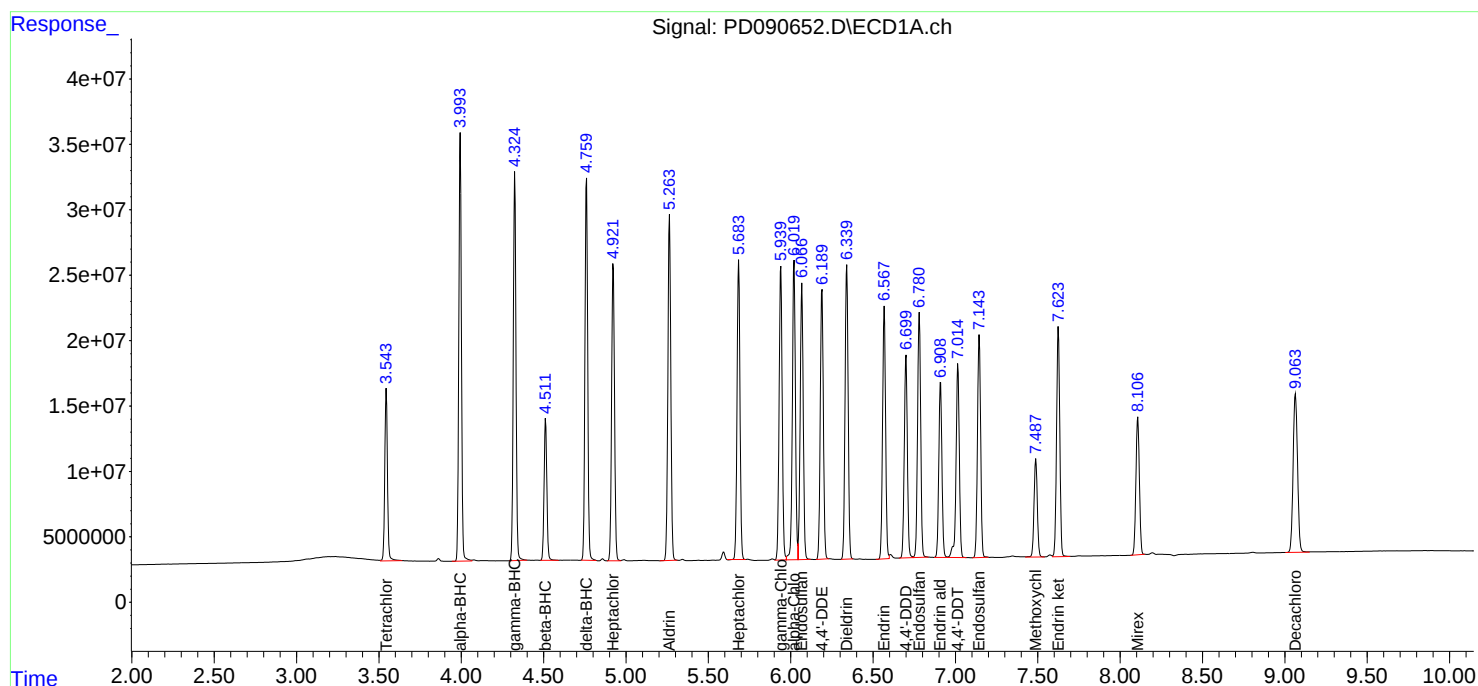
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:01
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:30:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090653.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 12:15
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:38:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 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	78107465	743.2E6	25.786	26.090
28)	SA Decachlor...	9.065	8.061	117.7E6	751.4E6	26.311	25.807
Target Compounds							
2)	A alpha-BHC	3.993	3.386	168.6E6	1262.5E6	23.132	25.545
3)	MA gamma-BHC...	4.324	3.722	160.4E6	1170.2E6	23.501	25.669
4)	MA Heptachlor	4.922	4.074	132.2E6	1112.6E6	23.835	26.052
5)	MB Aldrin	5.263	4.360	156.0E6	1154.3E6	23.982	25.959
6)	B beta-BHC	4.511	4.018	64015475	495.1E6	25.339	26.214
7)	B delta-BHC	4.759	4.255	158.6E6	1178.9E6	23.327	25.605
8)	B Heptachlo...	5.684	4.864	139.6E6	1059.4E6	24.488	26.460
9)	A Endosulfan I	6.067	5.238	133.7E6	987.0E6	24.700	26.323
10)	B gamma-Chl...	5.939	5.116	139.8E6	1108.7E6	23.988	25.717
11)	B alpha-Chl...	6.020	5.181	154.3E6	1067.7E6	25.731	25.860
12)	B 4,4'-DDE	6.190	5.365	126.3E6	1089.4E6	23.861	25.967
13)	MA Dieldrin	6.340	5.503	138.8E6	1105.1E6	23.985	26.105
14)	MA Endrin	6.567	5.780	117.8E6	1017.3E6	23.978	26.284
15)	B Endosulfa...	6.781	6.071	119.7E6	938.0E6	24.710	26.203
16)	A 4,4'-DDD	6.700	5.920	96019034	905.9E6	23.822	25.918
17)	MA 4,4'-DDT	7.016	6.173	98197092	874.0E6	23.870	25.388
18)	B Endrin al...	6.909	6.250	89492653	694.2E6	25.271	26.317
19)	B Endosulfa...	7.144	6.473	112.0E6	896.5E6	24.754	26.114
20)	A Methoxychlor	7.488	6.744	52364279	443.4E6	25.424	26.326
21)	B Endrin ke...	7.625	6.982	117.4E6	945.4E6	24.668	26.289
22)	Mirex	8.108	7.175	79715192	640.8E6	26.131	26.336

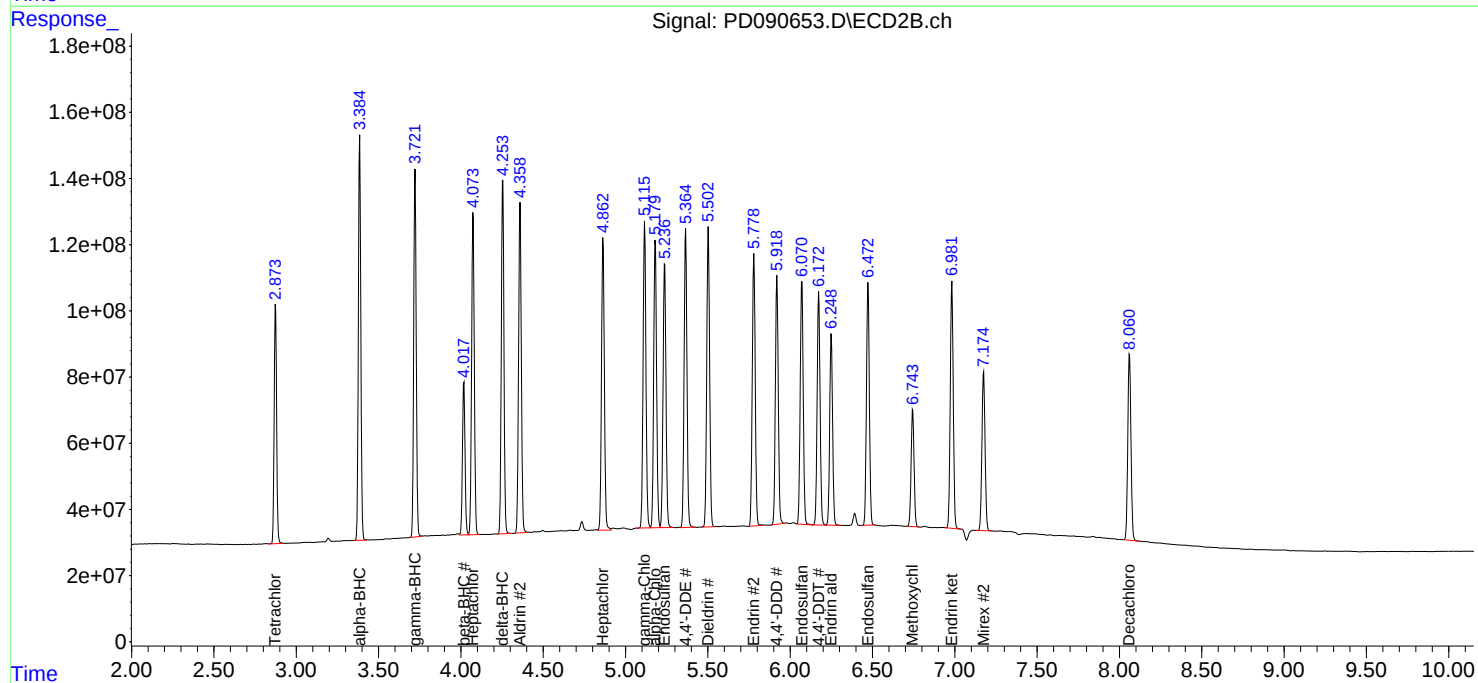
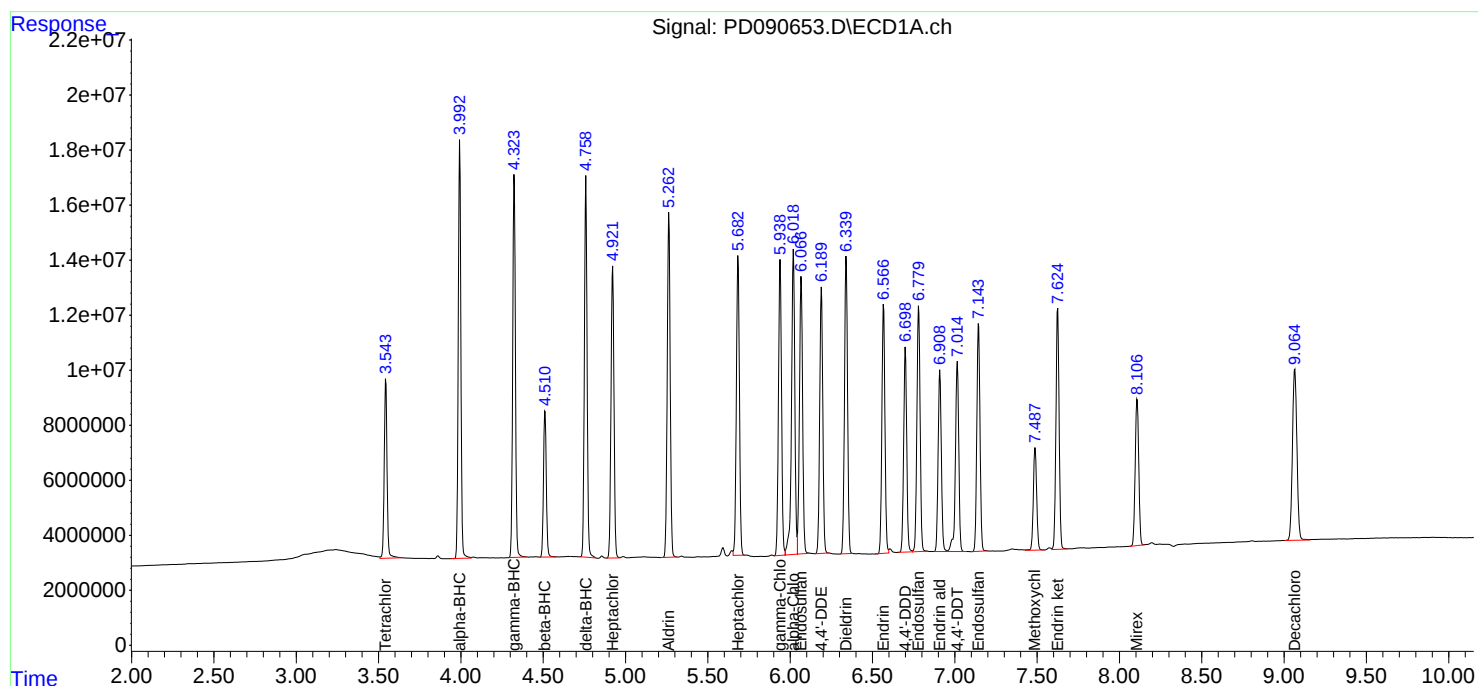
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:15
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:38:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 12:28
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/19/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:41:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 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	2.874	17271955	174.7E6	5.550m	5.868
28) SA Decachlor...	9.066	8.062	27500355	174.9E6	5.879	5.775
Target Compounds						
2) A alpha-BHC	3.993	3.386	33677596	288.9E6	4.692	5.655
3) MA gamma-BHC...	4.324	3.723	33423739	269.5E6	4.916	5.703
4) MA Heptachlor	4.922	4.075	28789856	260.9E6	5.151	5.850
5) MB Aldrin	5.264	4.360	33624118	268.6E6	5.136	5.800
6) B beta-BHC	4.512	4.019	14963256	118.0E6	5.712	5.951
7) B delta-BHC	4.760	4.255	33098385	272.1E6	4.895	5.702
8) B Heptachlo...	5.684	4.864	30689599	265.3E6	5.301	6.280
9) A Endosulfan I	6.067	5.238	30143871	234.9E6	5.444	5.962
10) B gamma-Chl...	5.940	5.117	31705442	261.5E6	5.346	5.818
11) B alpha-Chl...	6.019	5.181	34603140	252.7E6	5.576m	5.857
12) B 4,4'-DDE	6.190	5.366	27280775	256.9E6	5.122	5.859
13) MA Dieldrin	6.341	5.504	30082015	258.0E6	5.159	5.839
14) MA Endrin	6.568	5.781	25601278	238.2E6	5.168	5.883
15) B Endosulfa...	6.781	6.072	28078989	222.9E6	5.616	5.936
16) A 4,4'-DDD	6.700	5.921	20742842	211.9E6	5.116	5.814
17) MA 4,4'-DDT	7.016	6.175	20485670	188.3E6	4.984	5.370
18) B Endrin al...	6.910	6.250	20741409	164.8E6	5.663	5.950
19) B Endosulfa...	7.144	6.474	25464611	209.5E6	5.490	5.845
20) A Methoxychlor	7.489	6.745	11946535	98858490	5.620	5.672
21) B Endrin ke...	7.624	6.983	26302012	223.7E6	5.414m	5.931
22) Mirex	8.108	7.175	19009608	155.6E6	5.939	6.058

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:28
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

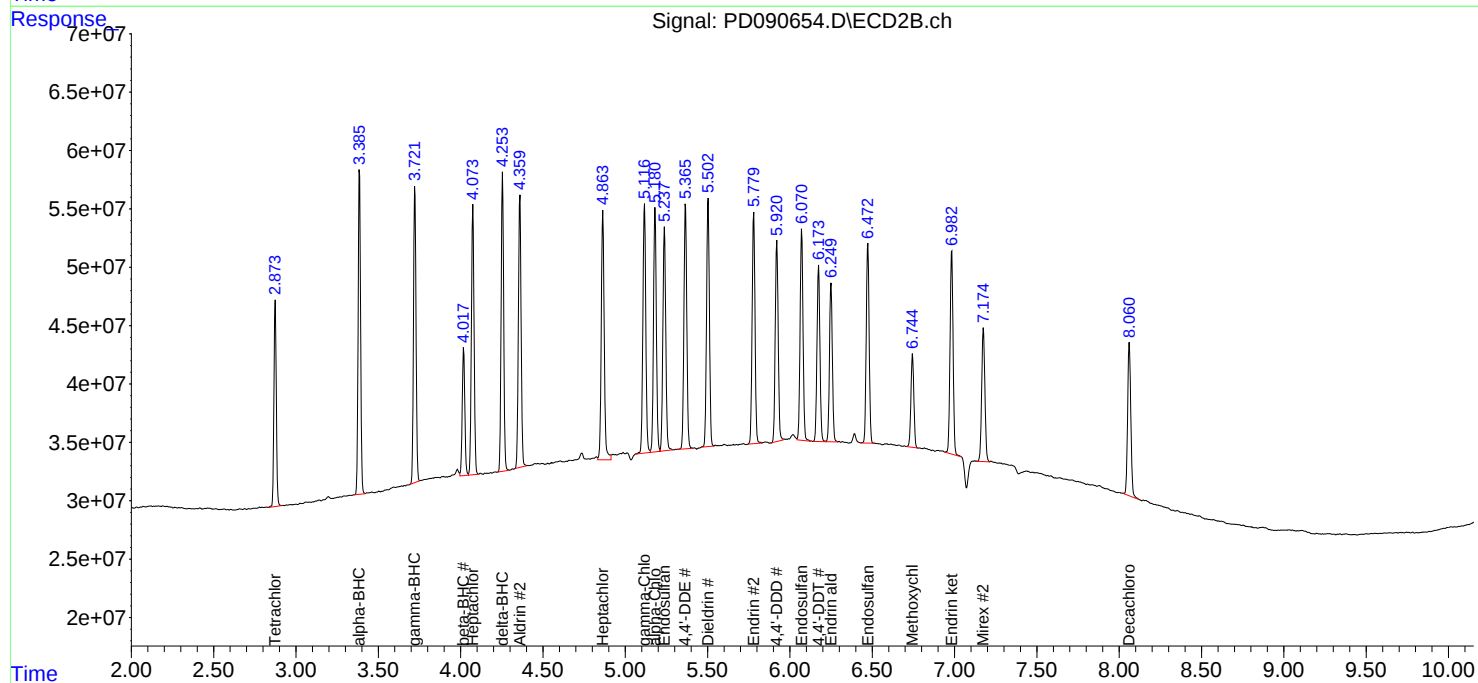
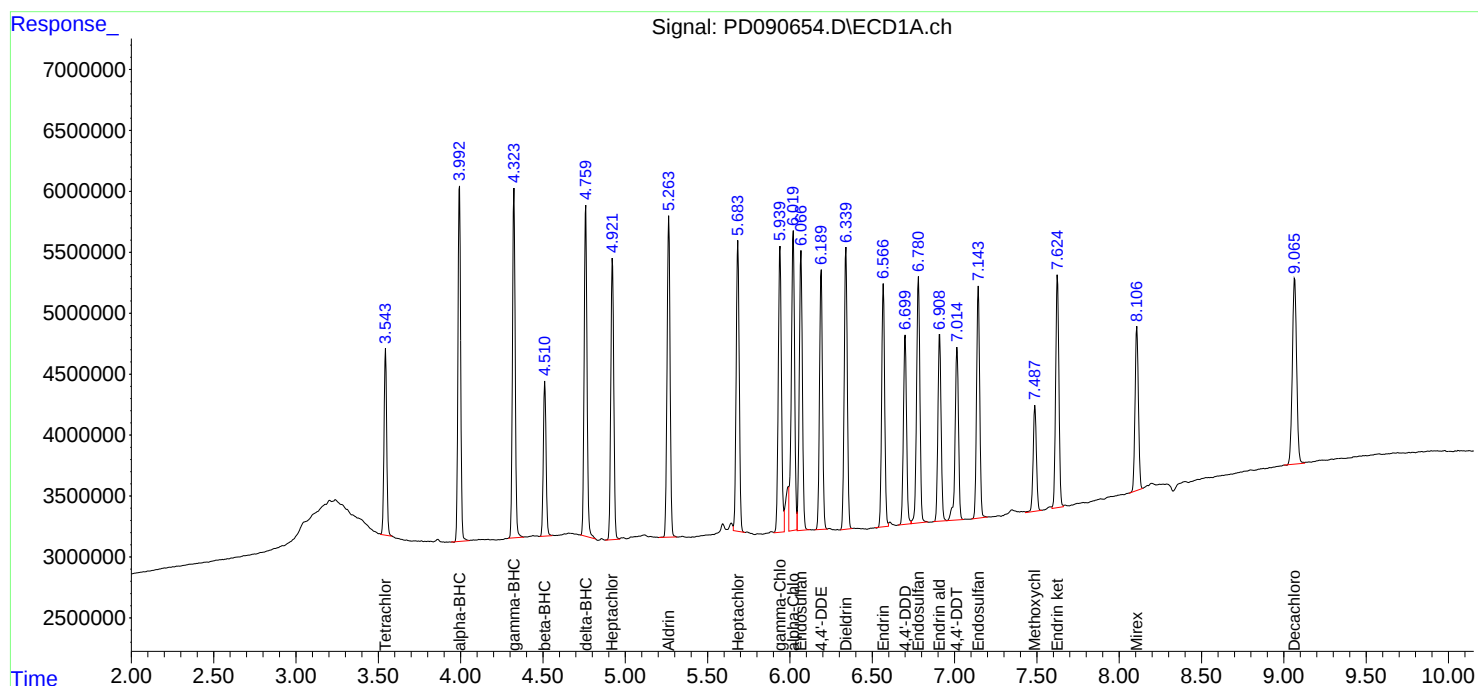
APPROVED

Reviewed By :Abdul Mirza 10/19/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:41:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 13:09
 Operator : AR\AJ
 Sample : PCHLORICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:49:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:48:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 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...	3.545	2.874	108.8E6	1215.0E6	50.000	50.000
28)	SA Decachlor...	9.066	8.062	167.8E6	1105.6E6	50.000	50.000
Target Compounds							
23)	Chlordane-1	4.708	3.898	92608674	605.2E6	500.000	500.000
24)	Chlordane-2	5.235	4.479	92865500	631.9E6	500.000	500.000
25)	Chlordane-3	5.941	5.117	379.1E6	1885.9E6	500.000	500.000
26)	Chlordane-4	6.026	5.181	458.8E6	1625.9E6	500.000	500.000
27)	Chlordane-5	6.865	6.081	74238996	730.3E6	500.000	500.000

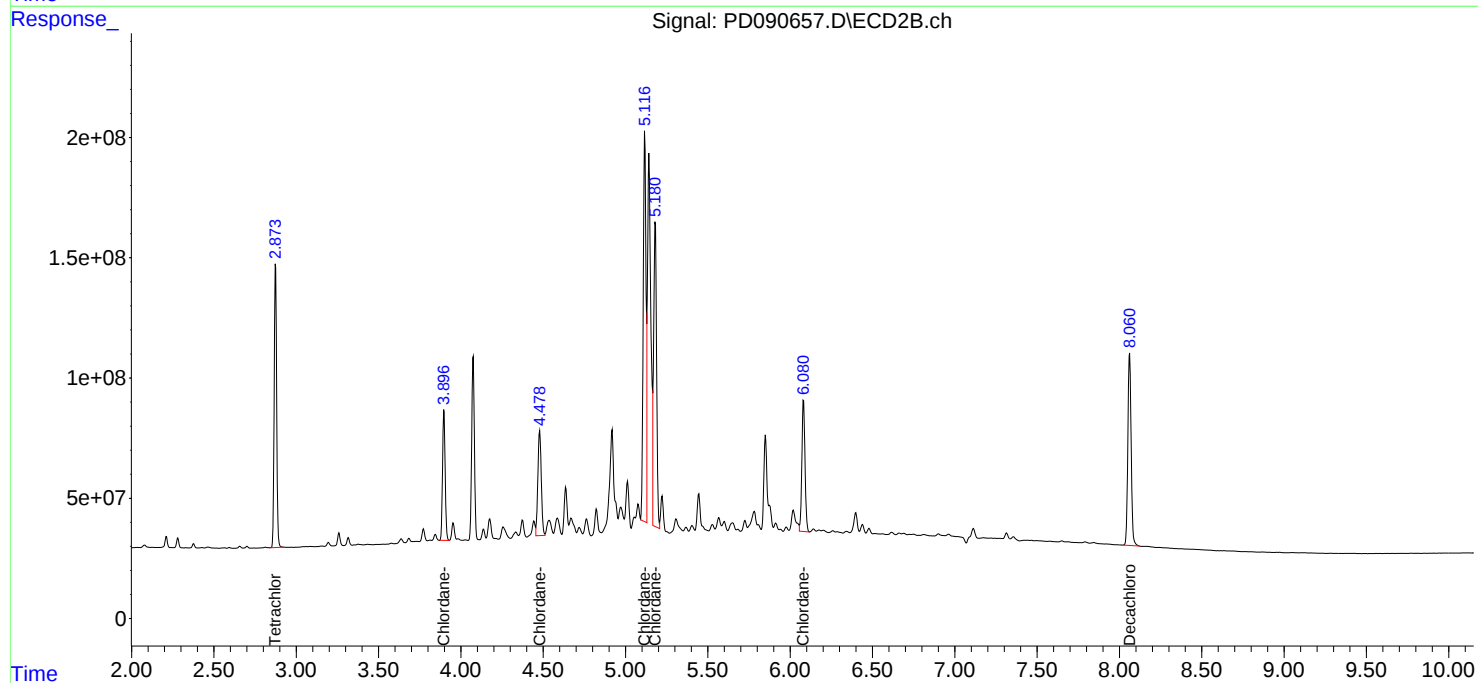
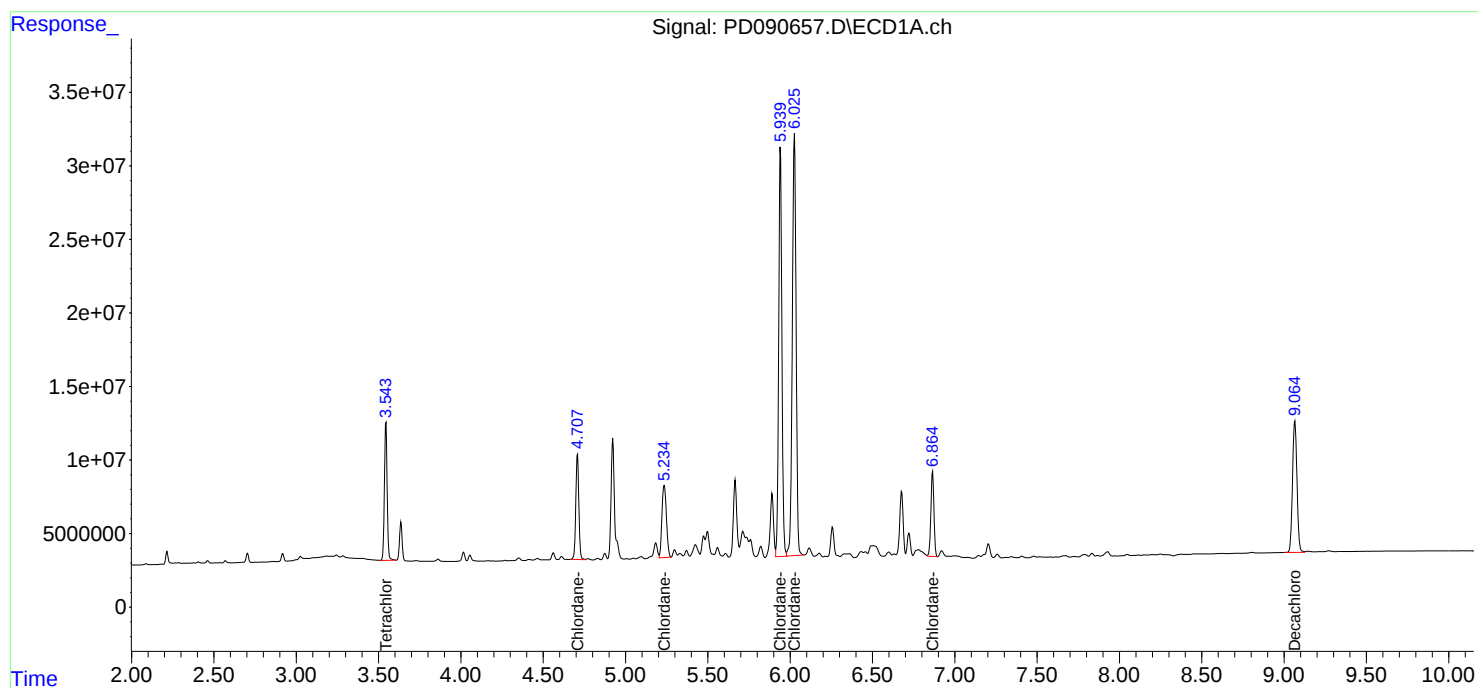
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 13:09
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:48:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 14:17
 Operator : AR\AJ
 Sample : PTOXICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PTOXICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 14:36:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:35:49 2025
 Response via : Initial 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 x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

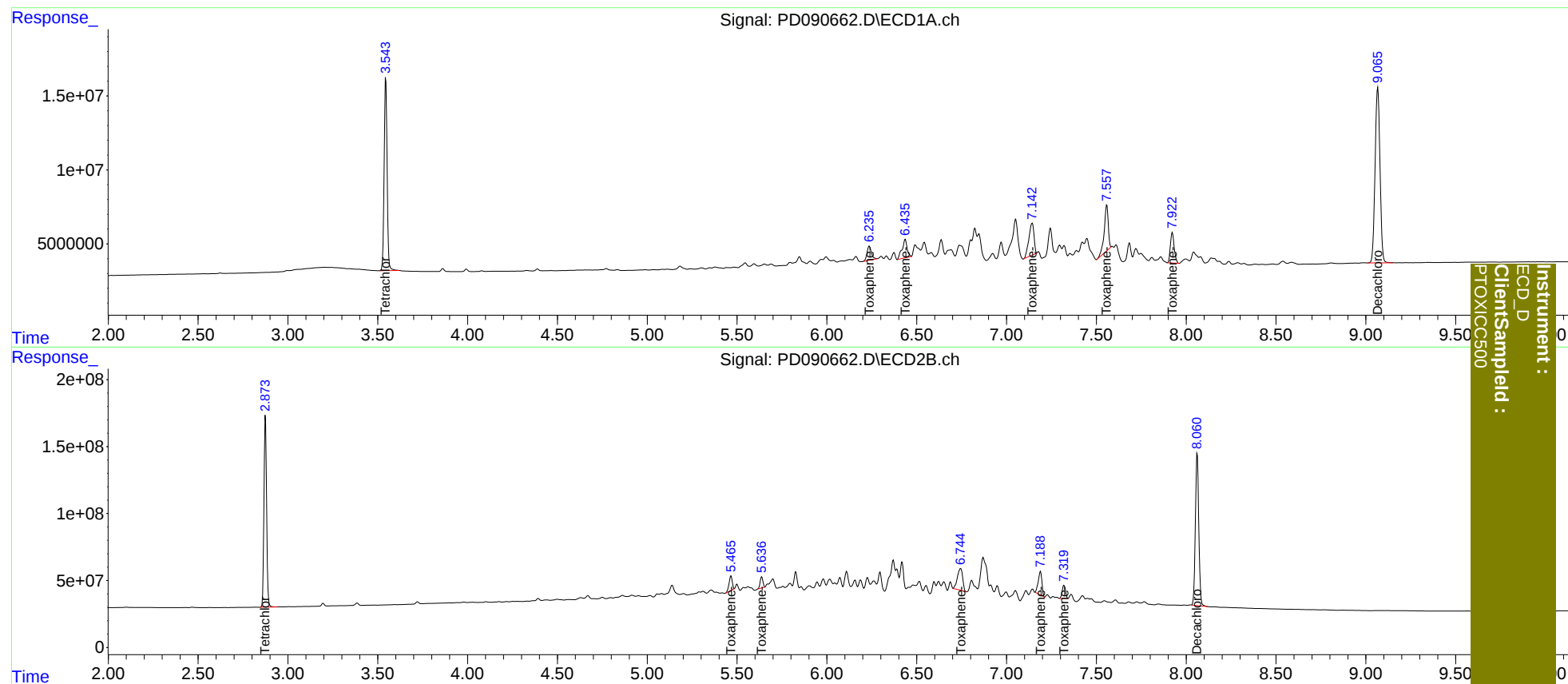
System Monitoring Compounds						
1) SA Tetrachlo...	3.545	2.875	149.0E6	1451.5E6	50.000	50.000
7) SA Decachlor...	9.066	8.062	225.6E6	1489.1E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.236	5.466	16282219	131.9E6	500.000	500.000
3) Toxaphene-2	6.436	5.638	24310877	88280081	500.000	500.000
4) Toxaphene-3	7.143	6.745	42855293	329.4E6	500.000	500.000
5) Toxaphene-4	7.558	7.189	47868684	247.6E6	500.000	500.000
6) Toxaphene-5	7.923	7.320	30240231	123.0E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 14:17
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:36:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:35:49 2025
Response via : Initial 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090665.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 16:46
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD101725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 17:27:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 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	153.7E6	1464.9E6	49.347	49.195
28)	SA Decachlor...	9.065	8.062	232.3E6	1556.2E6	49.651	51.373
Target Compounds							
2)	A alpha-BHC	3.993	3.386	368.9E6	2547.7E6	51.395	49.860
3)	MA gamma-BHC...	4.325	3.722	346.1E6	2351.4E6	50.913	49.766
4)	MA Heptachlor	4.923	4.074	269.7E6	2210.7E6	48.243	49.564
5)	MB Aldrin	5.264	4.360	332.4E6	2302.8E6	50.770	49.716
6)	B beta-BHC	4.512	4.018	128.8E6	974.3E6	49.166	49.134
7)	B delta-BHC	4.760	4.255	343.7E6	2372.2E6	50.832	49.714
8)	B Heptachlo...	5.684	4.864	292.1E6	2073.7E6	50.455	48.633
9)	A Endosulfan I	6.068	5.238	276.7E6	1960.5E6	49.982	49.772
10)	B gamma-Chl...	5.940	5.117	297.4E6	2236.0E6	50.146	49.745
11)	B alpha-Chl...	6.020	5.181	299.6E6	2144.4E6	48.473	49.711
12)	B 4,4'-DDE	6.190	5.366	269.1E6	2179.5E6	50.526	49.716
13)	MA Dieldrin	6.341	5.503	295.7E6	2209.3E6	50.705	50.003
14)	MA Endrin	6.568	5.780	251.8E6	2041.8E6	50.824	50.421
15)	B Endosulfa...	6.781	6.072	251.4E6	1876.1E6	50.275	49.956
16)	A 4,4'-DDD	6.701	5.920	206.7E6	1821.0E6	50.990	49.977
17)	MA 4,4'-DDT	7.016	6.174	206.8E6	1798.7E6	50.320	51.285
18)	B Endrin al...	6.910	6.250	184.2E6	1401.3E6	50.283	50.600
19)	B Endosulfa...	7.144	6.474	231.2E6	1809.0E6	49.837	50.467
20)	A Methoxychlor	7.489	6.745	104.2E6	890.1E6	48.999	51.076
21)	B Endrin ke...	7.625	6.983	242.9E6	1911.1E6	49.982	50.668
22)	Mirex	8.108	7.176	158.1E6	1294.5E6	49.394	50.389

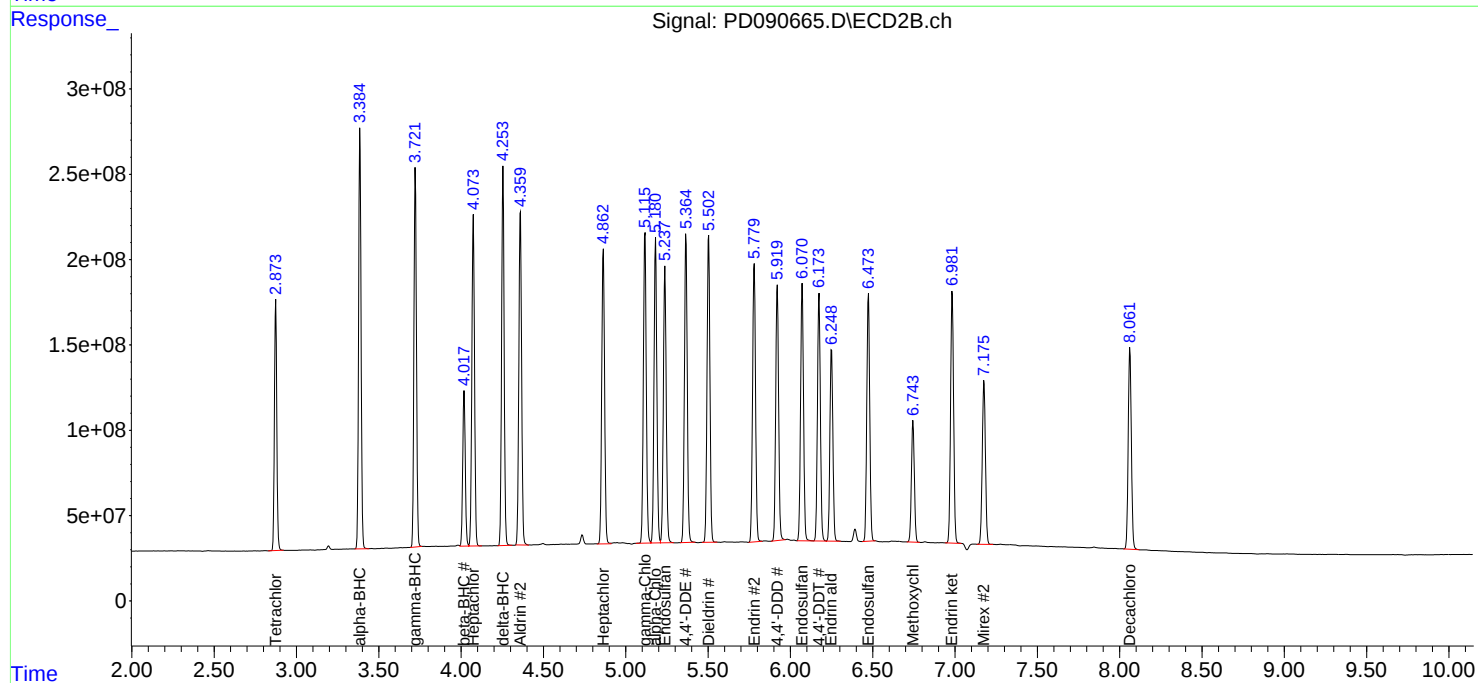
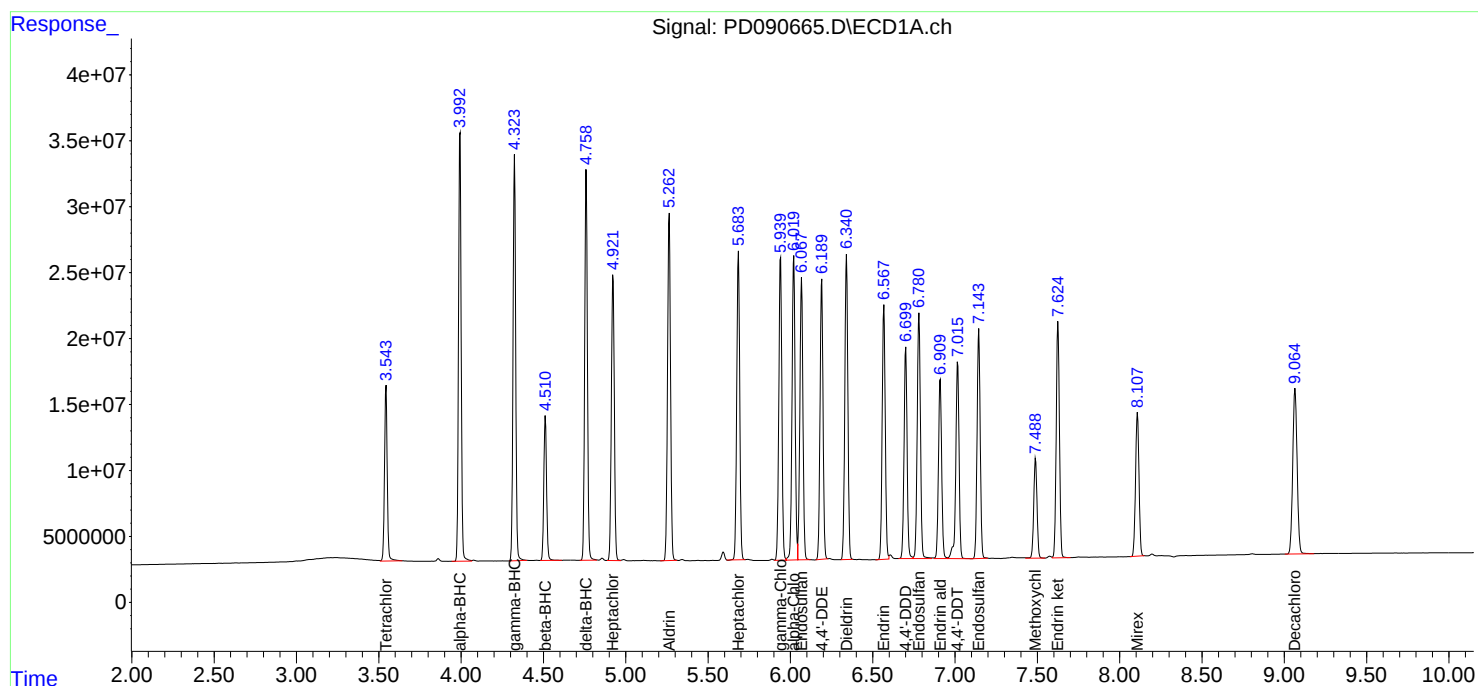
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090665.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 16:46
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD101725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 17:27:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090666.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 17:50
 Operator : AR\AJ
 Sample : PCHLORICV500
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD101725CHLOR

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 18:03:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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...	3.547	2.873	151.2E6	1640.5E6	48.564	55.094
28)	SA Decachlor...	9.069	8.063	245.8E6	1635.1E6	52.541	53.979
Target Compounds							
23)	Chlordane-1	4.711	3.897	81712455	547.0E6	432.404	438.923
24)	Chlordane-2	5.238	4.479	83577133	567.3E6	432.751	434.873
25)	Chlordane-3	5.944	5.117	339.4E6	1711.3E6	444.973	439.739
26)	Chlordane-4	6.029	5.182	443.9E6	1471.1E6	458.160	440.289
27)	Chlordane-5	6.868	6.082	67446272	668.4E6	448.868	452.832

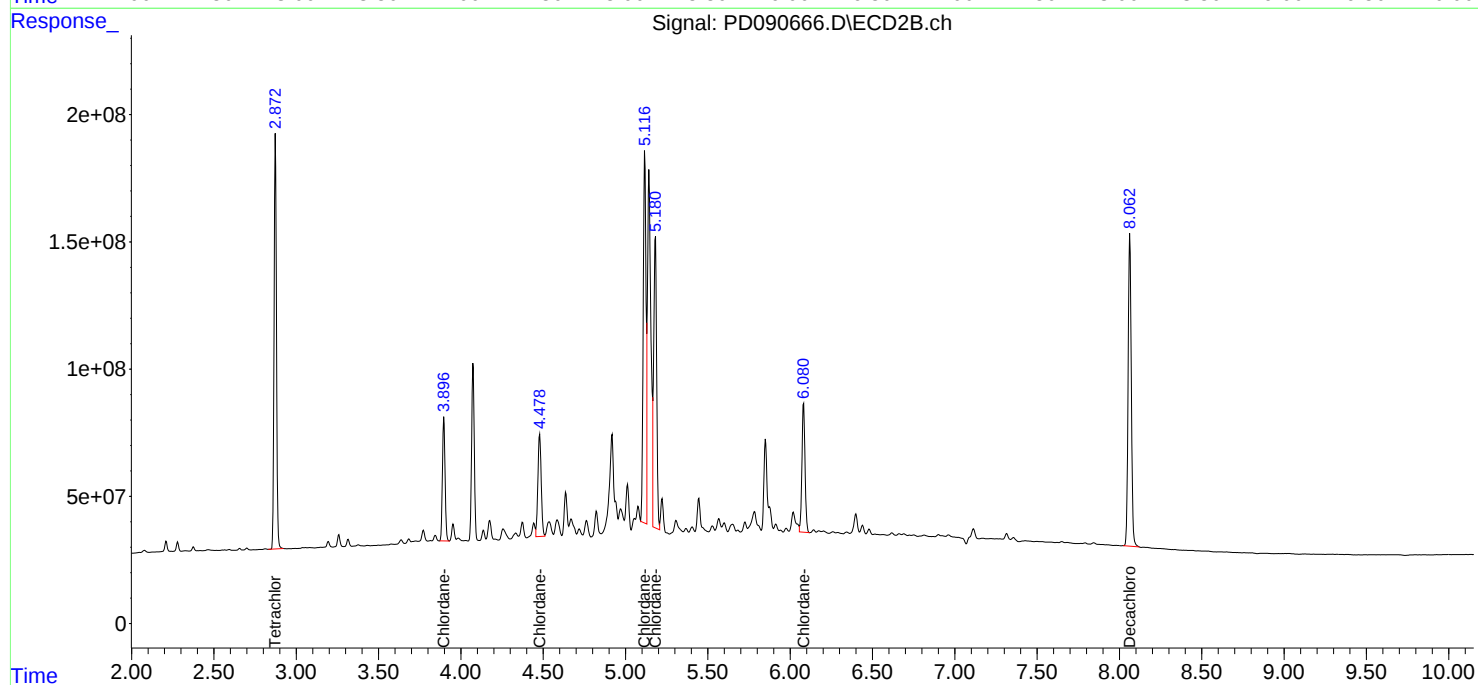
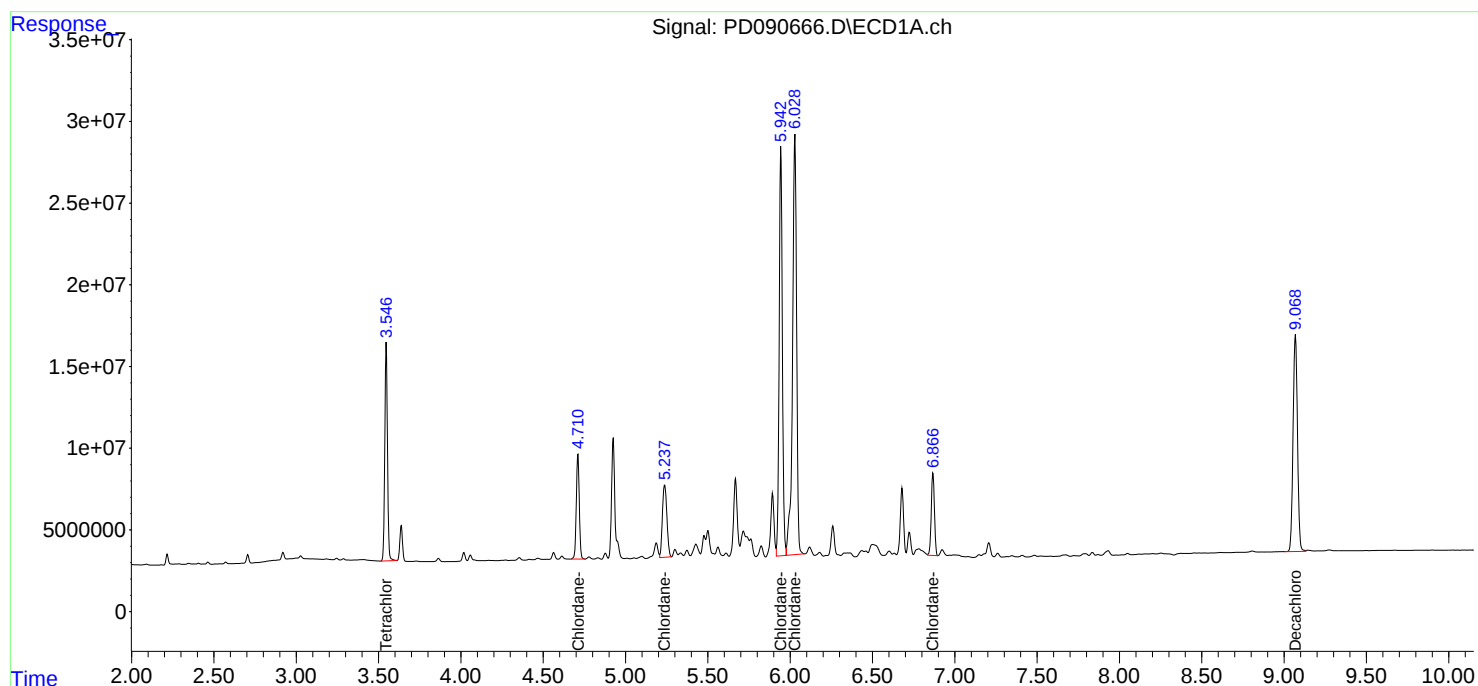
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090666.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 17:50
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD101725CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 18:03:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 18:42
 Operator : AR\AJ
 Sample : PTOXICV500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD101725TOX

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/21/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 09:07:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 16:43:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

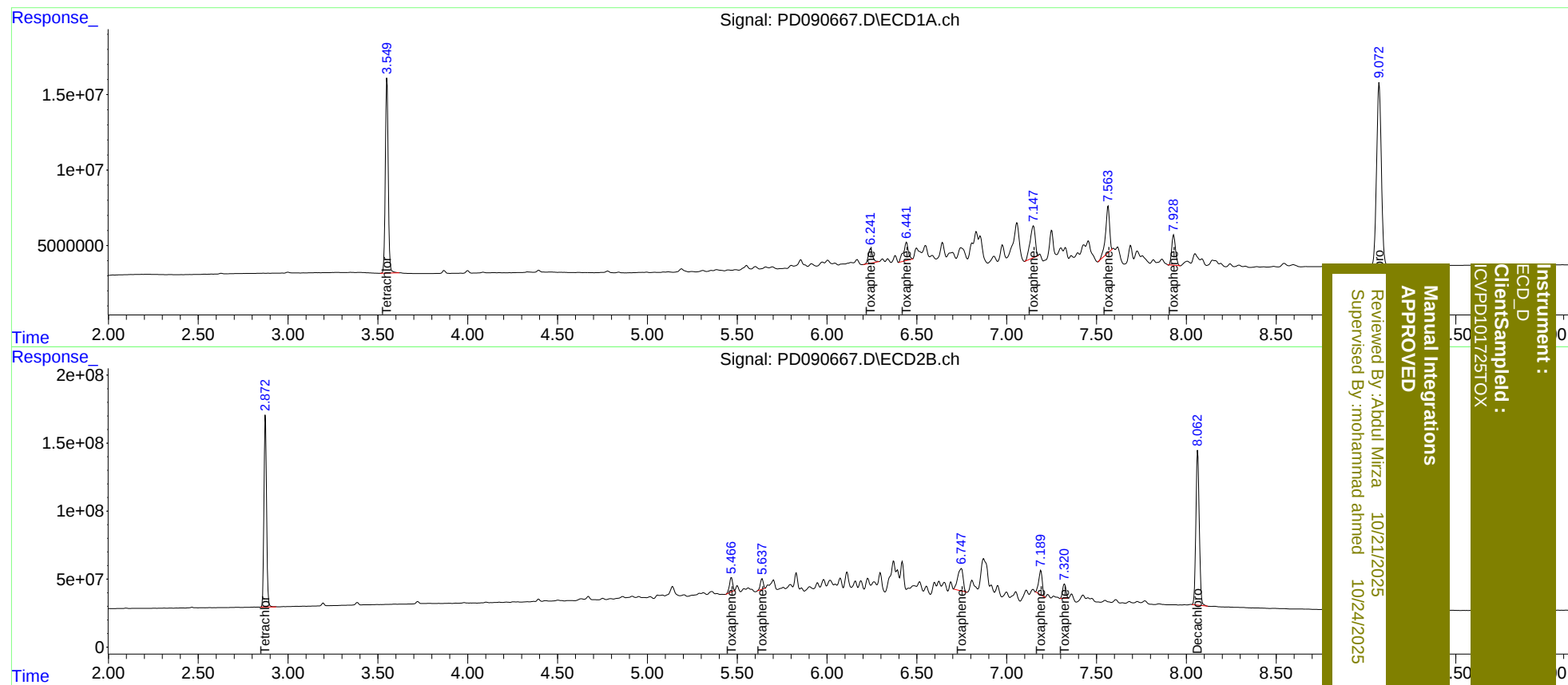
System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.874	144.8E6	1414.7E6	47.850	47.865
7)	SA Decachlor...	9.073	8.063	222.4E6	1485.6E6	48.104	48.572
Target Compounds							
2)	Toxaphene-1	6.243	5.468	16199211	128.4E6	486.326	472.241
3)	Toxaphene-2	6.442	5.639	23160349	87664602	469.047	488.530
4)	Toxaphene-3	7.149	6.748	41739789	339.6E6	481.161	526.232
5)	Toxaphene-4	7.565	7.190	46882437	247.3E6	496.038	505.430
6)	Toxaphene-5	7.930	7.320	29219348	133.4E6	485.054	589.259m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 18:42
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 09:07:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 16:43:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integrations
APPROVED
Reviewed By: Abdul Miza 10/21/2025
Supervised By: mohammad ahmed 10/24/2025

Instrument :
ECD_D
Client Sample :
ICVPD101725TOX



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Continuing Calib Date: 11/06/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 14:05

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
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	6.07	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	6.78	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	7.15	7.05	7.25	0.01
4,4'-DDT	7.01	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.63	7.53	7.73	0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	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



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Continuing Calib Date: 11/06/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 14:05

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
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	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
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	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.12	5.02	5.22	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3534
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/06/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090992.D **Time Analyzed:** 14:05

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.699	6.600	6.800	50.060	50.000	0.1
4,4'-DDE	6.188	6.090	6.290	46.420	50.000	-7.2
4,4'-DDT	7.014	6.915	7.115	50.740	50.000	1.5
Aldrin	5.262	5.164	5.364	47.580	50.000	-4.8
alpha-BHC	3.992	3.894	4.094	48.420	50.000	-3.2
alpha-Chlordane	6.019	5.921	6.121	46.670	50.000	-6.7
beta-BHC	4.511	4.412	4.612	46.700	50.000	-6.6
Decachlorobiphenyl	9.063	8.964	9.164	43.690	50.000	-12.6
delta-BHC	4.759	4.660	4.860	47.810	50.000	-4.4
Dieldrin	6.339	6.240	6.440	47.710	50.000	-4.6
Endosulfan I	6.066	5.968	6.168	47.450	50.000	-5.1
Endosulfan II	6.779	6.681	6.881	48.160	50.000	-3.7
Endosulfan sulfate	7.143	7.045	7.245	47.600	50.000	-4.8
Endrin	6.566	6.468	6.668	47.030	50.000	-5.9
Endrin aldehyde	6.907	6.810	7.010	47.990	50.000	-4.0
Endrin ketone	7.624	7.525	7.725	49.920	50.000	-0.2
gamma-BHC (Lindane)	4.323	4.225	4.425	47.790	50.000	-4.4
gamma-Chlordane	5.938	5.840	6.040	46.860	50.000	-6.3
Heptachlor	4.921	4.823	5.023	58.110	50.000	16.2
Heptachlor epoxide	5.683	5.584	5.784	48.310	50.000	-3.4
Methoxychlor	7.487	7.388	7.588	51.410	50.000	2.8
Tetrachloro-m-xylene	3.543	3.445	3.645	46.870	50.000	-6.3



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3534
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/06/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090992.D **Time Analyzed:** 14:05

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.918	5.821	6.021	46.250	50.000	-7.5
4,4'-DDE	5.363	5.266	5.466	48.570	50.000	-2.9
4,4'-DDT	6.171	6.074	6.274	50.560	50.000	1.1
Aldrin	4.358	4.261	4.461	48.070	50.000	-3.9
alpha-BHC	3.385	3.287	3.487	48.530	50.000	-2.9
alpha-Chlordane	5.179	5.081	5.281	47.750	50.000	-4.5
beta-BHC	4.017	3.919	4.119	47.620	50.000	-4.8
Decachlorobiphenyl	8.059	7.962	8.162	50.400	50.000	0.8
delta-BHC	4.253	4.155	4.355	48.290	50.000	-3.4
Dieldrin	5.501	5.404	5.604	48.320	50.000	-3.4
Endosulfan I	5.235	5.138	5.338	45.880	50.000	-8.2
Endosulfan II	6.069	5.972	6.172	46.380	50.000	-7.2
Endosulfan sulfate	6.471	6.374	6.574	49.280	50.000	-1.4
Endrin	5.778	5.681	5.881	47.430	50.000	-5.1
Endrin aldehyde	6.247	6.150	6.350	49.950	50.000	-0.1
Endrin ketone	6.979	6.883	7.083	53.660	50.000	7.3
gamma-BHC (Lindane)	3.721	3.623	3.823	48.300	50.000	-3.4
gamma-Chlordane	5.114	5.017	5.217	47.820	50.000	-4.4
Heptachlor	4.073	3.975	4.175	50.580	50.000	1.2
Heptachlor epoxide	4.861	4.764	4.964	47.020	50.000	-6.0
Methoxychlor	6.742	6.645	6.845	51.500	50.000	3.0
Tetrachloro-m-xylene	2.874	2.775	2.975	48.060	50.000	-3.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD090992.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 14:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 00:26:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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	2.874	145.9E6	1431.0E6	46.865	48.058
28)	SA Decachlor...	9.063	8.059	204.4E6	1526.6E6	43.694	50.398
Target Compounds							
2)	A alpha-BHC	3.992	3.385	347.5E6	2479.5E6	48.422	48.526
3)	MA gamma-BHC...	4.323	3.721	324.9E6	2282.1E6	47.790	48.299
4)	MA Heptachlor	4.921	4.073	324.8E6	2255.9E6	58.114	50.577
5)	MB Aldrin	5.262	4.358	311.5E6	2226.5E6	47.583	48.069
6)	B beta-BHC	4.511	4.017	122.3E6	944.2E6	46.700	47.616
7)	B delta-BHC	4.759	4.253	323.3E6	2304.2E6	47.815	48.289
8)	B Heptachlo...	5.683	4.861	279.7E6	2005.0E6	48.314	47.022
9)	A Endosulfan I	6.066	5.235	262.7E6	1807.2E6	47.446	45.879
10)	B gamma-Chl...	5.938	5.114	277.9E6	2149.3E6	46.860	47.816
11)	B alpha-Chl...	6.019	5.179	288.5E6	2060.0E6	46.674	47.753
12)	B 4,4'-DDE	6.188	5.363	247.3E6	2129.0E6	46.423	48.566
13)	MA Dieldrin	6.339	5.501	278.2E6	2135.0E6	47.713	48.321
14)	MA Endrin	6.566	5.778	233.0E6	1920.7E6	47.034	47.432
15)	B Endosulfa...	6.779	6.069	240.8E6	1741.7E6	48.162	46.377
16)	A 4,4'-DDD	6.699	5.918	203.0E6	1685.2E6	50.060	46.248
17)	MA 4,4'-DDT	7.014	6.171	208.6E6	1773.4E6	50.742	50.564
18)	B Endrin al...	6.907	6.247	175.8E6	1383.3E6	47.990m	49.951
19)	B Endosulfa...	7.143	6.471	220.8E6	1766.4E6	47.595	49.280
20)	A Methoxychlor	7.487	6.742	109.3E6	897.5E6	51.406	51.500
21)	B Endrin ke...	7.624	6.979	242.5E6	2023.9E6	49.918	53.660m
22)	Mirex	8.106	7.172	146.5E6	1300.6E6	45.759	50.624

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 14:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

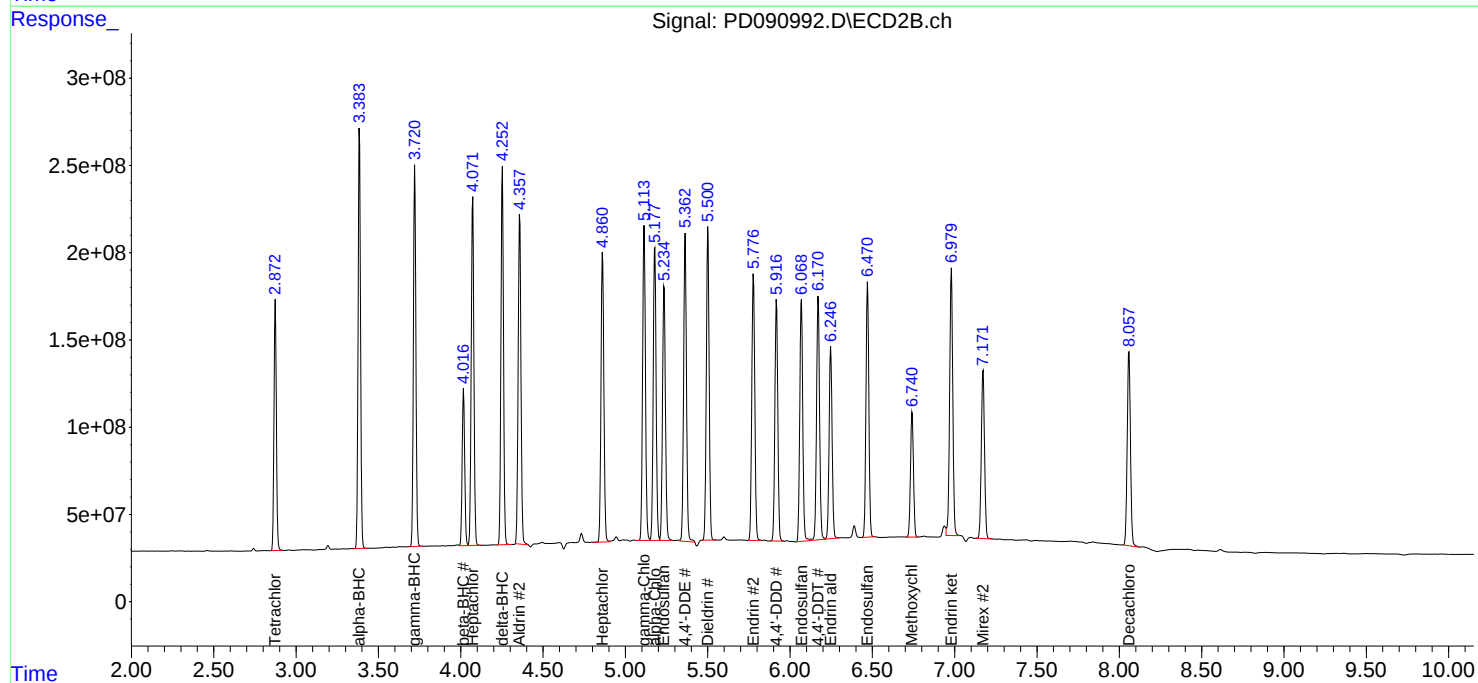
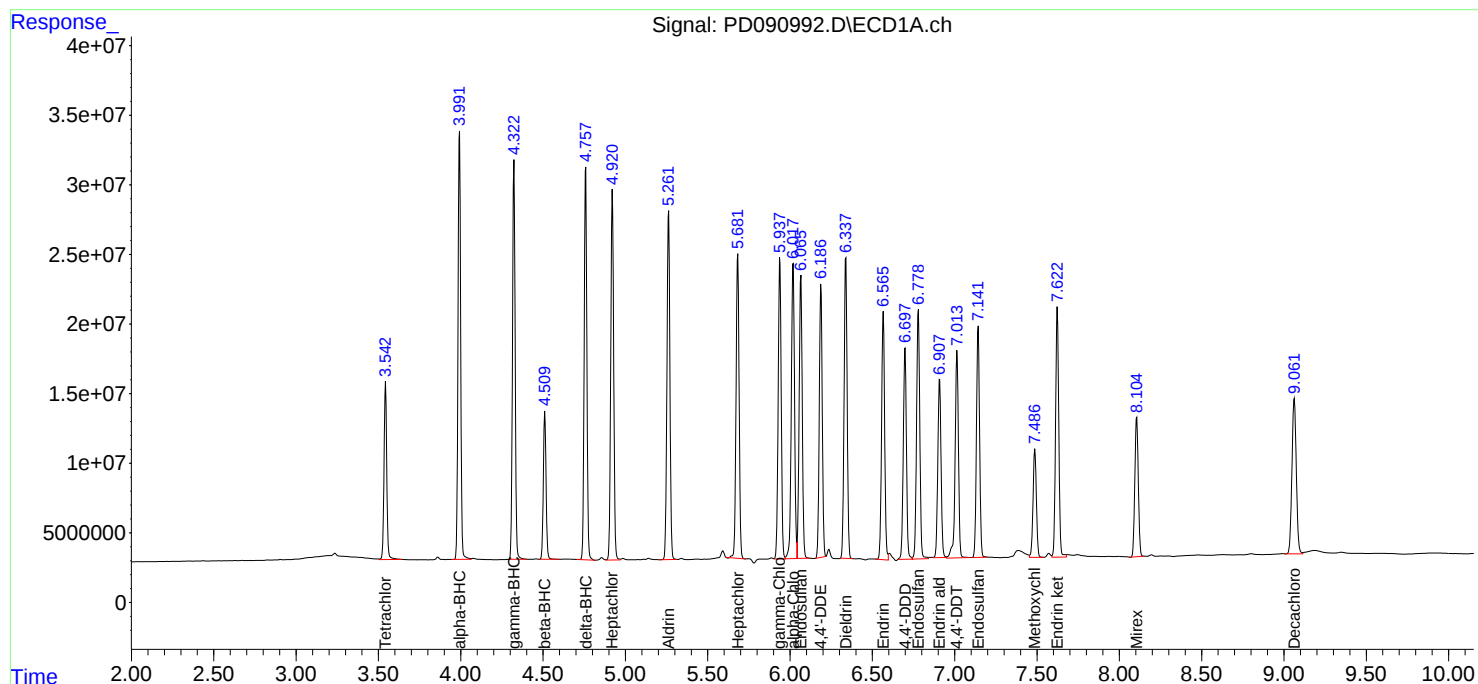
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:26:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Continuing Calib Date: 11/06/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 19:10

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
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	6.07	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	6.78	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	7.15	7.05	7.25	0.01
4,4'-DDT	7.01	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.63	7.53	7.73	0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	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



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Continuing Calib Date: 11/06/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 19:10

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
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	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
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	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.12	5.02	5.22	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3534
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/06/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091013.D **Time Analyzed:** 19:10

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.698	6.600	6.800	51.110	50.000	2.2
4,4'-DDE	6.188	6.090	6.290	46.760	50.000	-6.5
4,4'-DDT	7.013	6.915	7.115	49.590	50.000	-0.8
Aldrin	5.262	5.164	5.364	47.720	50.000	-4.6
alpha-BHC	3.992	3.894	4.094	48.960	50.000	-2.1
alpha-Chlordane	6.018	5.921	6.121	46.050	50.000	-7.9
beta-BHC	4.510	4.412	4.612	47.120	50.000	-5.8
Decachlorobiphenyl	9.061	8.964	9.164	44.140	50.000	-11.7
delta-BHC	4.759	4.660	4.860	48.580	50.000	-2.8
Dieldrin	6.338	6.240	6.440	48.280	50.000	-3.4
Endosulfan I	6.066	5.968	6.168	47.530	50.000	-4.9
Endosulfan II	6.779	6.681	6.881	48.290	50.000	-3.4
Endosulfan sulfate	7.142	7.045	7.245	47.730	50.000	-4.5
Endrin	6.566	6.468	6.668	47.810	50.000	-4.4
Endrin aldehyde	6.908	6.810	7.010	48.240	50.000	-3.5
Endrin ketone	7.623	7.525	7.725	50.520	50.000	1.0
gamma-BHC (Lindane)	4.323	4.225	4.425	48.200	50.000	-3.6
gamma-Chlordane	5.937	5.840	6.040	47.100	50.000	-5.8
Heptachlor	4.920	4.823	5.023	57.740	50.000	15.5
Heptachlor epoxide	5.682	5.584	5.784	48.530	50.000	-2.9
Methoxychlor	7.486	7.388	7.588	49.400	50.000	-1.2
Tetrachloro-m-xylene	3.543	3.445	3.645	46.980	50.000	-6.0



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3534
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/06/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091013.D **Time Analyzed:** 19:10

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.917	5.821	6.021	49.590	50.000	-0.8
4,4'-DDE	5.363	5.266	5.466	48.230	50.000	-3.5
4,4'-DDT	6.171	6.074	6.274	48.920	50.000	-2.2
Aldrin	4.358	4.261	4.461	48.180	50.000	-3.6
alpha-BHC	3.385	3.287	3.487	49.080	50.000	-1.8
alpha-Chlordane	5.179	5.081	5.281	47.690	50.000	-4.6
beta-BHC	4.017	3.919	4.119	47.850	50.000	-4.3
Decachlorobiphenyl	8.058	7.962	8.162	50.040	50.000	0.1
delta-BHC	4.253	4.155	4.355	48.770	50.000	-2.5
Dieldrin	5.501	5.404	5.604	48.370	50.000	-3.3
Endosulfan I	5.236	5.138	5.338	45.880	50.000	-8.2
Endosulfan II	6.069	5.972	6.172	48.660	50.000	-2.7
Endosulfan sulfate	6.471	6.374	6.574	48.950	50.000	-2.1
Endrin	5.778	5.681	5.881	48.460	50.000	-3.1
Endrin aldehyde	6.247	6.150	6.350	48.910	50.000	-2.2
Endrin ketone	6.978	6.883	7.083	52.410	50.000	4.8
gamma-BHC (Lindane)	3.721	3.623	3.823	48.750	50.000	-2.5
gamma-Chlordane	5.114	5.017	5.217	47.800	50.000	-4.4
Heptachlor	4.072	3.975	4.175	50.280	50.000	0.6
Heptachlor epoxide	4.861	4.764	4.964	46.940	50.000	-6.1
Methoxychlor	6.742	6.645	6.845	49.470	50.000	-1.1
Tetrachloro-m-xylene	2.873	2.775	2.975	48.520	50.000	-3.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD091013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 19:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025

Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 00:30:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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	146.3E6	1444.8E6	46.980	48.520
28)	SA Decachlor...	9.061	8.058	206.5E6	1515.7E6	44.136	50.037
Target Compounds							
2)	A alpha-BHC	3.992	3.385	351.4E6	2507.9E6	48.958	49.083
3)	MA gamma-BHC...	4.323	3.721	327.7E6	2303.4E6	48.205	48.750
4)	MA Heptachlor	4.920	4.072	322.7E6	2242.7E6	57.736	50.281
5)	MB Aldrin	5.262	4.358	312.4E6	2231.5E6	47.722	48.177
6)	B beta-BHC	4.510	4.017	123.4E6	948.9E6	47.120	47.853
7)	B delta-BHC	4.759	4.253	328.5E6	2327.0E6	48.580	48.768
8)	B Heptachlo...	5.682	4.861	281.0E6	2001.4E6	48.534	46.937
9)	A Endosulfan I	6.066	5.236	263.1E6	1807.3E6	47.525	45.881
10)	B gamma-Chl...	5.937	5.114	279.4E6	2148.7E6	47.104	47.804
11)	B alpha-Chl...	6.018	5.179	284.6E6	2057.2E6	46.047	47.689
12)	B 4,4'-DDE	6.188	5.363	249.1E6	2114.2E6	46.764	48.228
13)	MA Dieldrin	6.338	5.501	281.5E6	2137.0E6	48.280	48.367
14)	MA Endrin	6.566	5.778	236.9E6	1962.5E6	47.813	48.463
15)	B Endosulfa...	6.779	6.069	241.4E6	1827.3E6	48.290	48.656
16)	A 4,4'-DDD	6.698	5.917	207.2E6	1807.1E6	51.112	49.594
17)	MA 4,4'-DDT	7.013	6.171	203.8E6	1715.8E6	49.591	48.921
18)	B Endrin al...	6.908	6.247	176.7E6	1354.3E6	48.236	48.905
19)	B Endosulfa...	7.142	6.471	221.4E6	1754.6E6	47.728	48.950
20)	A Methoxychlor	7.486	6.742	105.0E6	862.1E6	49.405	49.467
21)	B Endrin ke...	7.623	6.978	245.5E6	1976.9E6	50.520	52.413m
22)	Mirex	8.104	7.172	152.4E6	1287.7E6	47.617	50.122

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 19:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

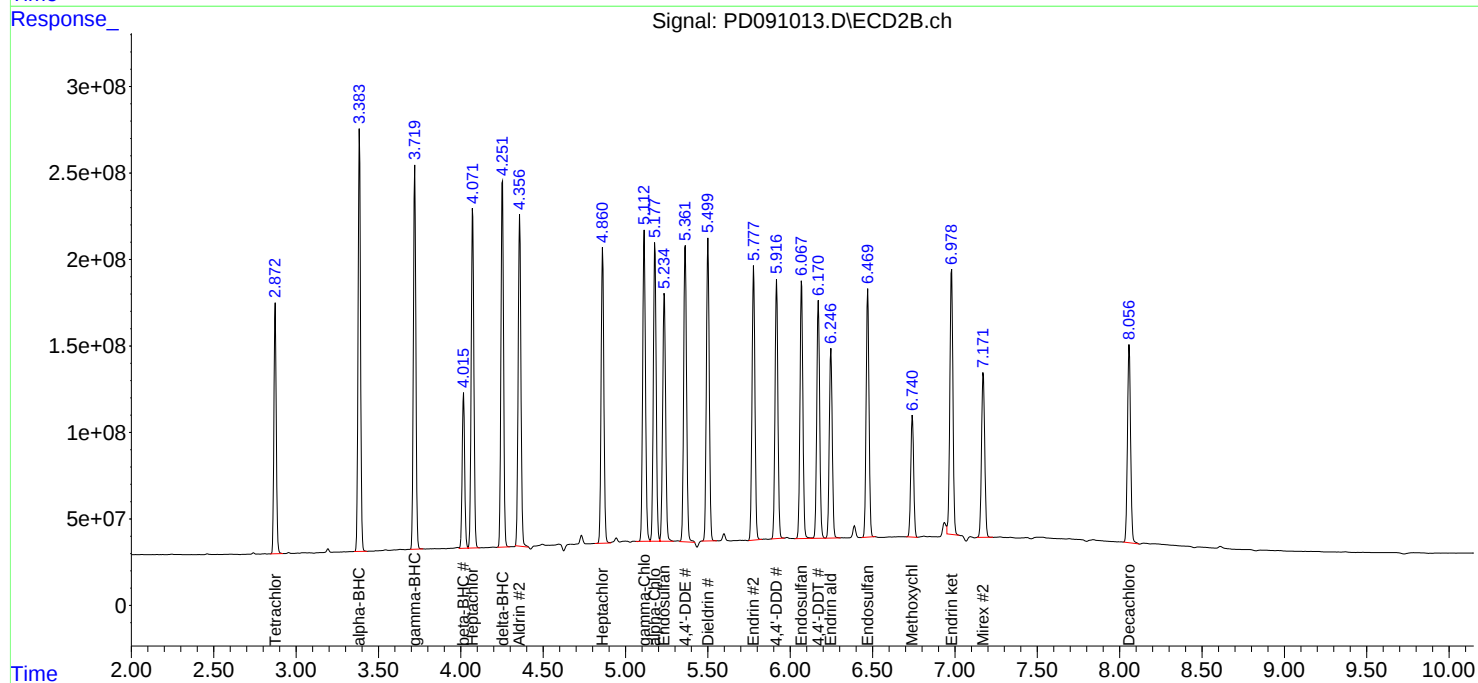
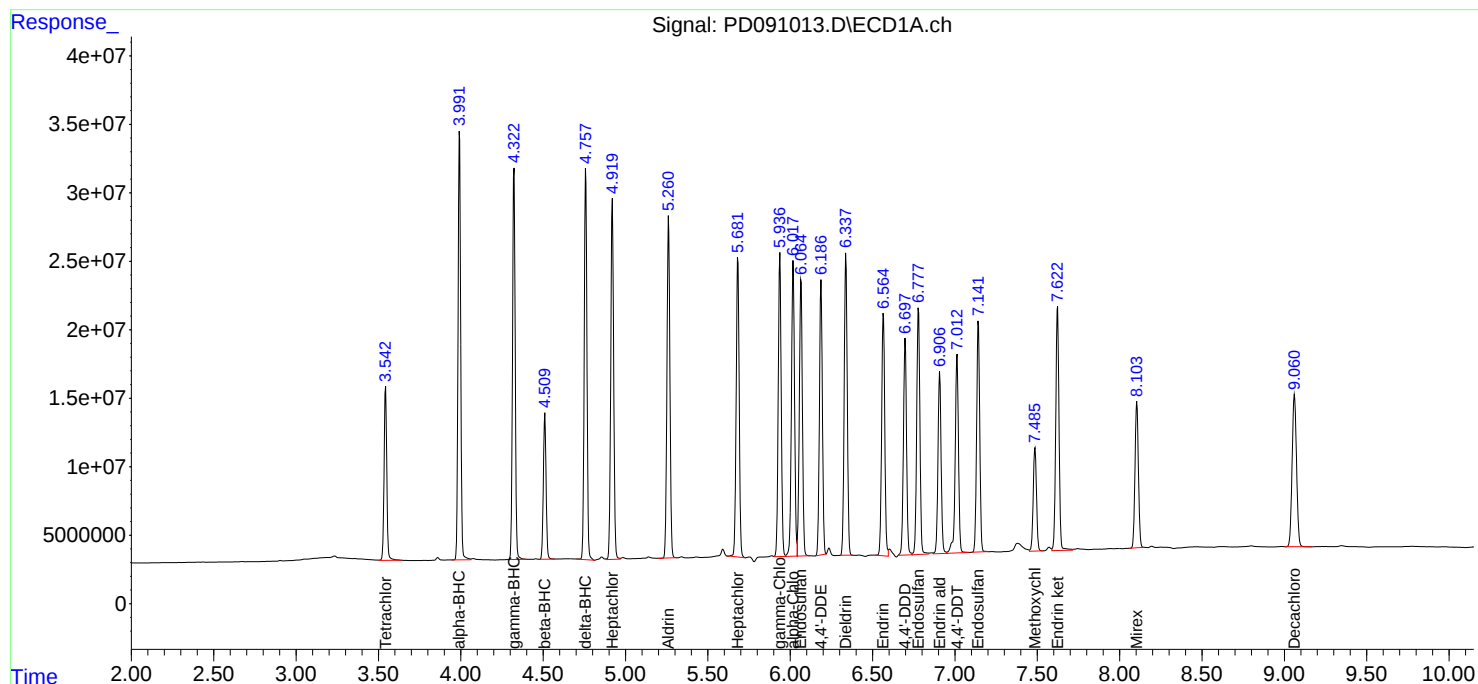
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:30:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Continuing Calib Date: 11/07/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 10:10

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
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	6.07	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	6.78	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	7.15	7.05	7.25	0.01
4,4'-DDT	7.01	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.63	7.53	7.73	0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	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



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Continuing Calib Date: 11/07/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 10:10

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
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	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
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	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.12	5.02	5.22	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3534
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/07/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091017.D **Time Analyzed:** 10:10

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.698	6.600	6.800	53.320	50.000	6.6
4,4'-DDE	6.189	6.090	6.290	48.830	50.000	-2.3
4,4'-DDT	7.014	6.915	7.115	52.380	50.000	4.8
Aldrin	5.263	5.164	5.364	50.120	50.000	0.2
alpha-BHC	3.993	3.894	4.094	51.440	50.000	2.9
alpha-Chlordane	6.019	5.921	6.121	48.970	50.000	-2.1
beta-BHC	4.511	4.412	4.612	49.180	50.000	-1.6
Decachlorobiphenyl	9.063	8.964	9.164	46.610	50.000	-6.8
delta-BHC	4.759	4.660	4.860	50.630	50.000	1.3
Dieldrin	6.339	6.240	6.440	50.510	50.000	1.0
Endosulfan I	6.066	5.968	6.168	49.850	50.000	-0.3
Endosulfan II	6.779	6.681	6.881	50.530	50.000	1.1
Endosulfan sulfate	7.143	7.045	7.245	49.710	50.000	-0.6
Endrin	6.567	6.468	6.668	49.360	50.000	-1.3
Endrin aldehyde	6.908	6.810	7.010	50.950	50.000	1.9
Endrin ketone	7.624	7.525	7.725	51.990	50.000	4.0
gamma-BHC (Lindane)	4.324	4.225	4.425	50.510	50.000	1.0
gamma-Chlordane	5.938	5.840	6.040	49.310	50.000	-1.4
Heptachlor	4.920	4.823	5.023	59.830	50.000	19.7
Heptachlor epoxide	5.683	5.584	5.784	51.140	50.000	2.3
Methoxychlor	7.487	7.388	7.588	52.780	50.000	5.6
Tetrachloro-m-xylene	3.544	3.445	3.645	49.160	50.000	-1.7



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3534
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/07/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091017.D **Time Analyzed:** 10:10

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.917	5.821	6.021	53.730	50.000	7.5
4,4'-DDE	5.363	5.266	5.466	52.370	50.000	4.7
4,4'-DDT	6.171	6.074	6.274	53.960	50.000	7.9
Aldrin	4.358	4.261	4.461	52.300	50.000	4.6
alpha-BHC	3.385	3.287	3.487	52.850	50.000	5.7
alpha-Chlordane	5.179	5.081	5.281	51.750	50.000	3.5
beta-BHC	4.017	3.919	4.119	51.540	50.000	3.1
Decachlorobiphenyl	8.058	7.962	8.162	54.040	50.000	8.1
delta-BHC	4.253	4.155	4.355	52.270	50.000	4.5
Dieldrin	5.501	5.404	5.604	52.230	50.000	4.5
Endosulfan I	5.236	5.138	5.338	49.320	50.000	-1.4
Endosulfan II	6.069	5.972	6.172	52.760	50.000	5.5
Endosulfan sulfate	6.471	6.374	6.574	52.730	50.000	5.5
Endrin	5.778	5.681	5.881	51.270	50.000	2.5
Endrin aldehyde	6.247	6.150	6.350	53.490	50.000	7.0
Endrin ketone	6.979	6.883	7.083	57.790	50.000	15.6
gamma-BHC (Lindane)	3.721	3.623	3.823	52.450	50.000	4.9
gamma-Chlordane	5.114	5.017	5.217	51.890	50.000	3.8
Heptachlor	4.073	3.975	4.175	54.080	50.000	8.2
Heptachlor epoxide	4.862	4.764	4.964	50.810	50.000	1.6
Methoxychlor	6.742	6.645	6.845	54.430	50.000	8.9
Tetrachloro-m-xylene	2.874	2.775	2.975	52.180	50.000	4.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
 Data File : PD091017.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2025 10:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:41:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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	153.1E6	1553.7E6	49.157	52.177
28)	SA Decachlor...	9.063	8.058	218.1E6	1636.9E6	46.614	54.039
Target Compounds							
2)	A alpha-BHC	3.993	3.385	369.2E6	2700.6E6	51.445	52.853
3)	MA gamma-BHC...	4.324	3.721	343.4E6	2478.4E6	50.513	52.453
4)	MA Heptachlor	4.920	4.073	334.4E6	2412.2E6	59.827m	54.081
5)	MB Aldrin	5.263	4.358	328.2E6	2422.6E6	50.122	52.302
6)	B beta-BHC	4.511	4.017	128.8E6	1021.9E6	49.177	51.535
7)	B delta-BHC	4.759	4.253	342.4E6	2494.2E6	50.631	52.270
8)	B Heptachlo...	5.683	4.862	296.0E6	2166.3E6	51.136	50.806
9)	A Endosulfan I	6.066	5.236	276.0E6	1942.9E6	49.852	49.324
10)	B gamma-Chl...	5.938	5.114	292.5E6	2332.3E6	49.308	51.889
11)	B alpha-Chl...	6.019	5.179	302.6E6	2232.5E6	48.969	51.753
12)	B 4,4'-DDE	6.189	5.363	260.1E6	2295.6E6	48.835	52.366
13)	MA Dieldrin	6.339	5.501	294.6E6	2307.7E6	50.514	52.230
14)	MA Endrin	6.567	5.778	244.5E6	2076.0E6	49.358	51.266
15)	B Endosulfa...	6.779	6.069	252.6E6	1981.5E6	50.530	52.762
16)	A 4,4'-DDD	6.698	5.917	216.2E6	1957.7E6	53.316	53.728
17)	MA 4,4'-DDT	7.014	6.171	215.3E6	1892.7E6	52.376	53.964
18)	B Endrin al...	6.908	6.247	186.6E6	1481.3E6	50.953	53.489
19)	B Endosulfa...	7.143	6.471	230.6E6	1890.1E6	49.708	52.730
20)	A Methoxychlor	7.487	6.742	112.2E6	948.6E6	52.781	54.429
21)	B Endrin ke...	7.624	6.979	252.6E6	2179.8E6	51.986	57.793m
22)	Mirex	8.106	7.173	160.5E6	1406.2E6	50.139	54.734

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 10:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

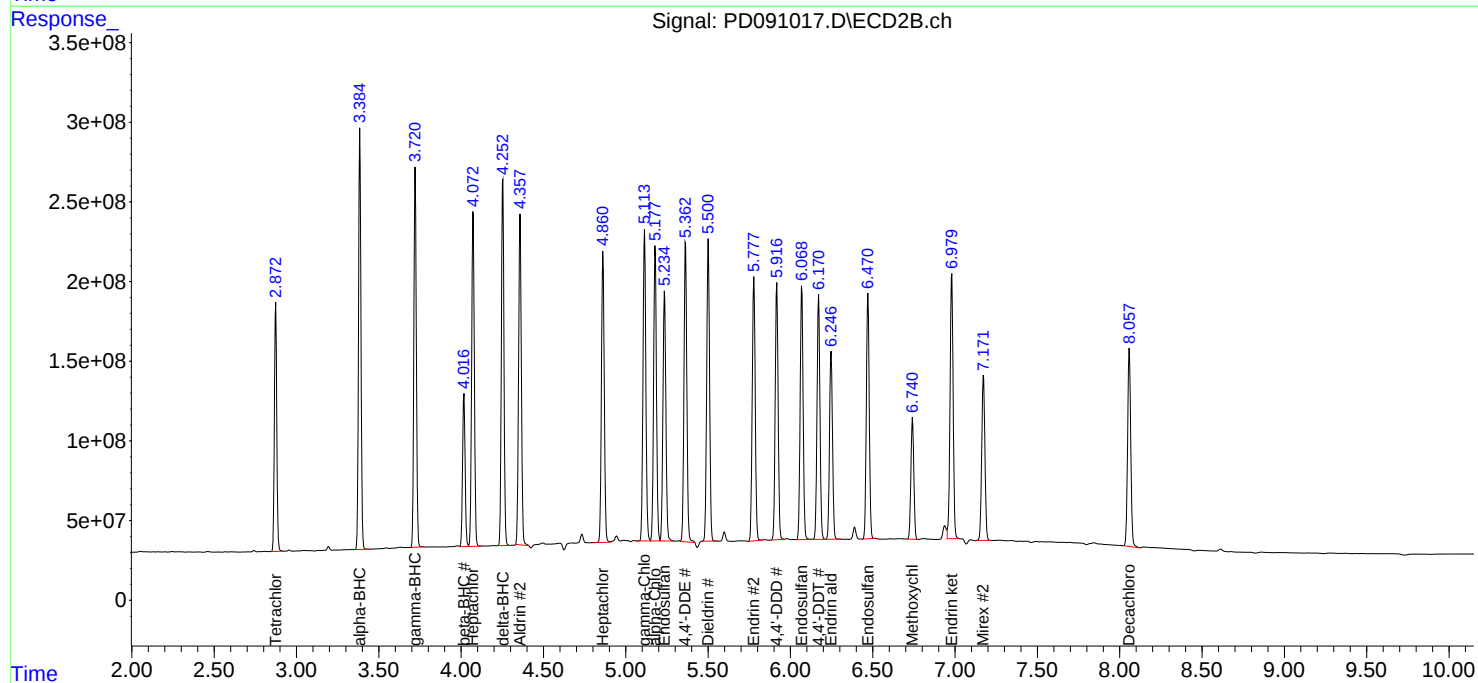
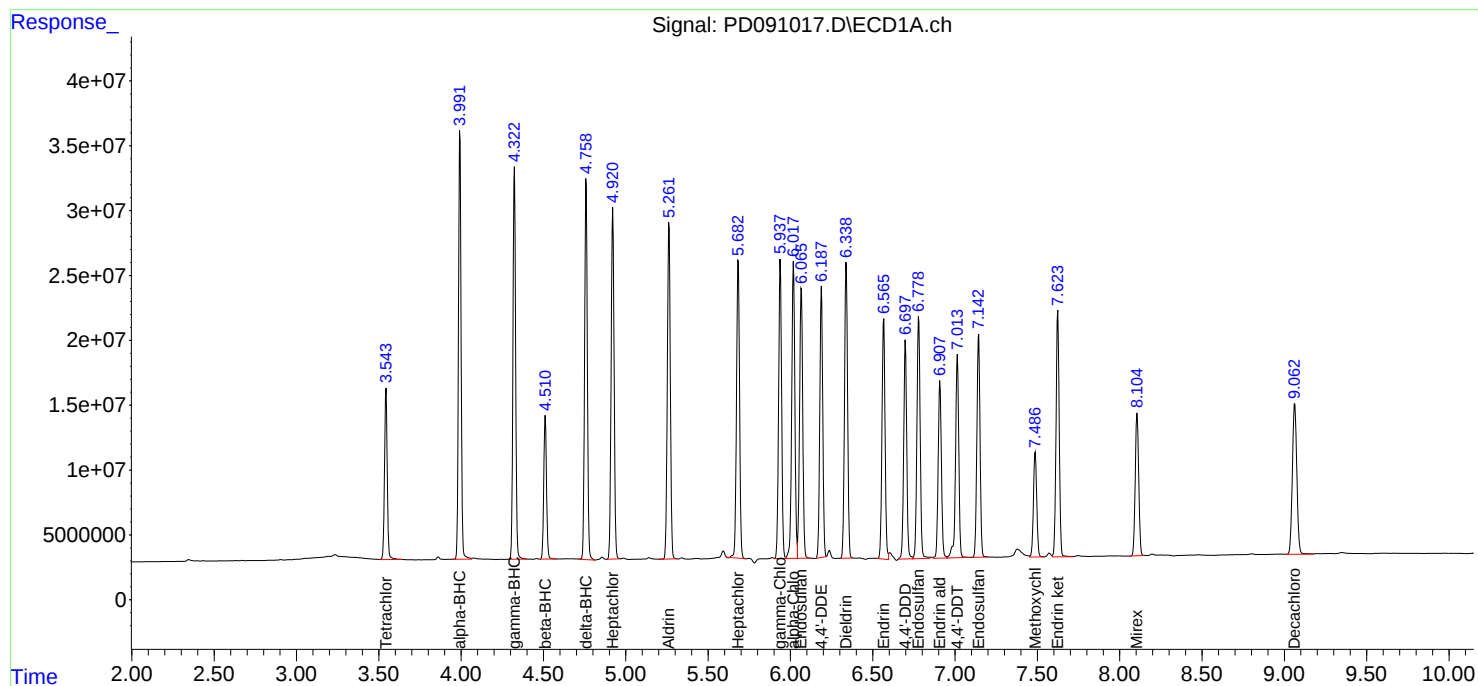
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:41:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Continuing Calib Date: 11/07/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 13:32

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
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	6.07	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	6.78	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	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	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



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Continuing Calib Date: 11/07/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 13:32

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
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	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.37	5.27	5.47	0.01
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	6.75	6.65	6.85	0.01
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	5.02	5.22	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3534
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/07/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091026.D **Time Analyzed:** 13:32

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.700	6.600	6.800	54.820	50.000	9.6
4,4'-DDE	6.190	6.090	6.290	46.700	50.000	-6.6
4,4'-DDT	7.015	6.915	7.115	51.990	50.000	4.0
Aldrin	5.263	5.164	5.364	48.620	50.000	-2.8
alpha-BHC	3.994	3.894	4.094	49.560	50.000	-0.9
alpha-Chlordane	6.020	5.921	6.121	46.400	50.000	-7.2
beta-BHC	4.512	4.412	4.612	48.130	50.000	-3.7
Decachlorobiphenyl	9.065	8.964	9.164	45.770	50.000	-8.5
delta-BHC	4.760	4.660	4.860	49.210	50.000	-1.6
Dieldrin	6.340	6.240	6.440	49.040	50.000	-1.9
Endosulfan I	6.068	5.968	6.168	48.230	50.000	-3.5
Endosulfan II	6.779	6.681	6.881	47.870	50.000	-4.3
Endosulfan sulfate	7.144	7.045	7.245	48.110	50.000	-3.8
Endrin	6.568	6.468	6.668	49.730	50.000	-0.5
Endrin aldehyde	6.908	6.810	7.010	48.360	50.000	-3.3
Endrin ketone	7.626	7.525	7.725	50.160	50.000	0.3
gamma-BHC (Lindane)	4.324	4.225	4.425	48.920	50.000	-2.2
gamma-Chlordane	5.939	5.840	6.040	47.870	50.000	-4.3
Heptachlor	4.922	4.823	5.023	58.580	50.000	17.2
Heptachlor epoxide	5.684	5.584	5.784	51.710	50.000	3.4
Methoxychlor	7.489	7.388	7.588	52.740	50.000	5.5
Tetrachloro-m-xylene	3.544	3.445	3.645	47.770	50.000	-4.5



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3534
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/07/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD091026.D **Time Analyzed:** 13:32

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.918	5.821	6.021	52.760	50.000	5.5
4,4'-DDE	5.362	5.266	5.466	50.500	50.000	1.0
4,4'-DDT	6.172	6.074	6.274	53.640	50.000	7.3
Aldrin	4.359	4.261	4.461	51.740	50.000	3.5
alpha-BHC	3.385	3.287	3.487	51.700	50.000	3.4
alpha-Chlordane	5.180	5.081	5.281	50.320	50.000	0.6
beta-BHC	4.018	3.919	4.119	49.800	50.000	-0.4
Decachlorobiphenyl	8.059	7.962	8.162	54.870	50.000	9.7
delta-BHC	4.254	4.155	4.355	51.510	50.000	3.0
Dieldrin	5.502	5.404	5.604	51.530	50.000	3.1
Endosulfan I	5.236	5.138	5.338	41.290	50.000	-17.4
Endosulfan II	6.070	5.972	6.172	51.980	50.000	4.0
Endosulfan sulfate	6.471	6.374	6.574	52.020	50.000	4.0
Endrin	5.779	5.681	5.881	53.110	50.000	6.2
Endrin aldehyde	6.248	6.150	6.350	52.670	50.000	5.3
Endrin ketone	6.979	6.883	7.083	58.870	50.000	17.7
gamma-BHC (Lindane)	3.721	3.623	3.823	51.380	50.000	2.8
gamma-Chlordane	5.115	5.017	5.217	50.670	50.000	1.3
Heptachlor	4.073	3.975	4.175	53.310	50.000	6.6
Heptachlor epoxide	4.862	4.764	4.964	49.440	50.000	-1.1
Methoxychlor	6.742	6.645	6.845	54.070	50.000	8.1
Tetrachloro-m-xylene	2.874	2.775	2.975	51.110	50.000	2.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
 Data File : PD091026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2025 13:32
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:47:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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	148.8E6	1522.0E6	47.766	51.114
28)	SA Decachlor...	9.065	8.059	214.1E6	1662.0E6	45.766	54.866
Target Compounds							
2)	A alpha-BHC	3.994	3.385	355.7E6	2641.6E6	49.562	51.699
3)	MA gamma-BHC...	4.324	3.721	332.6E6	2427.6E6	48.924	51.379
4)	MA Heptachlor	4.922	4.073	327.4E6	2377.8E6	58.576	53.311
5)	MB Aldrin	5.263	4.359	318.3E6	2396.6E6	48.618	51.742
6)	B beta-BHC	4.512	4.018	126.1E6	987.5E6	48.132	49.801
7)	B delta-BHC	4.760	4.254	332.8E6	2458.1E6	49.211	51.514
8)	B Heptachlo...	5.684	4.862	299.4E6	2108.0E6	51.715	49.439
9)	A Endosulfan I	6.068	5.236	267.0E6	1626.6E6	48.232	41.294
10)	B gamma-Chl...	5.939	5.115	283.9E6	2277.3E6	47.872	50.665
11)	B alpha-Chl...	6.020	5.180	286.8E6	2170.8E6	46.399	50.323
12)	B 4,4'-DDE	6.190	5.362	248.7E6	2214.0E6	46.697	50.505m
13)	MA Dieldrin	6.340	5.502	285.9E6	2276.9E6	49.037	51.532
14)	MA Endrin	6.568	5.779	246.4E6	2150.8E6	49.733	53.114
15)	B Endosulfa...	6.779	6.070	239.3E6	1952.2E6	47.866m	51.981
16)	A 4,4'-DDD	6.700	5.918	222.3E6	1922.6E6	54.823	52.762
17)	MA 4,4'-DDT	7.015	6.172	213.7E6	1881.5E6	51.995	53.644
18)	B Endrin al...	6.908	6.248	177.1E6	1458.5E6	48.355m	52.666
19)	B Endosulfa...	7.144	6.471	223.2E6	1864.5E6	48.112	52.016
20)	A Methoxychlor	7.489	6.742	112.1E6	942.3E6	52.741	54.068
21)	B Endrin ke...	7.626	6.979	243.7E6	2220.5E6	50.161	58.871m
22)	Mirex	8.108	7.173	154.8E6	1395.5E6	48.349	54.320

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091026.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 13:32
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

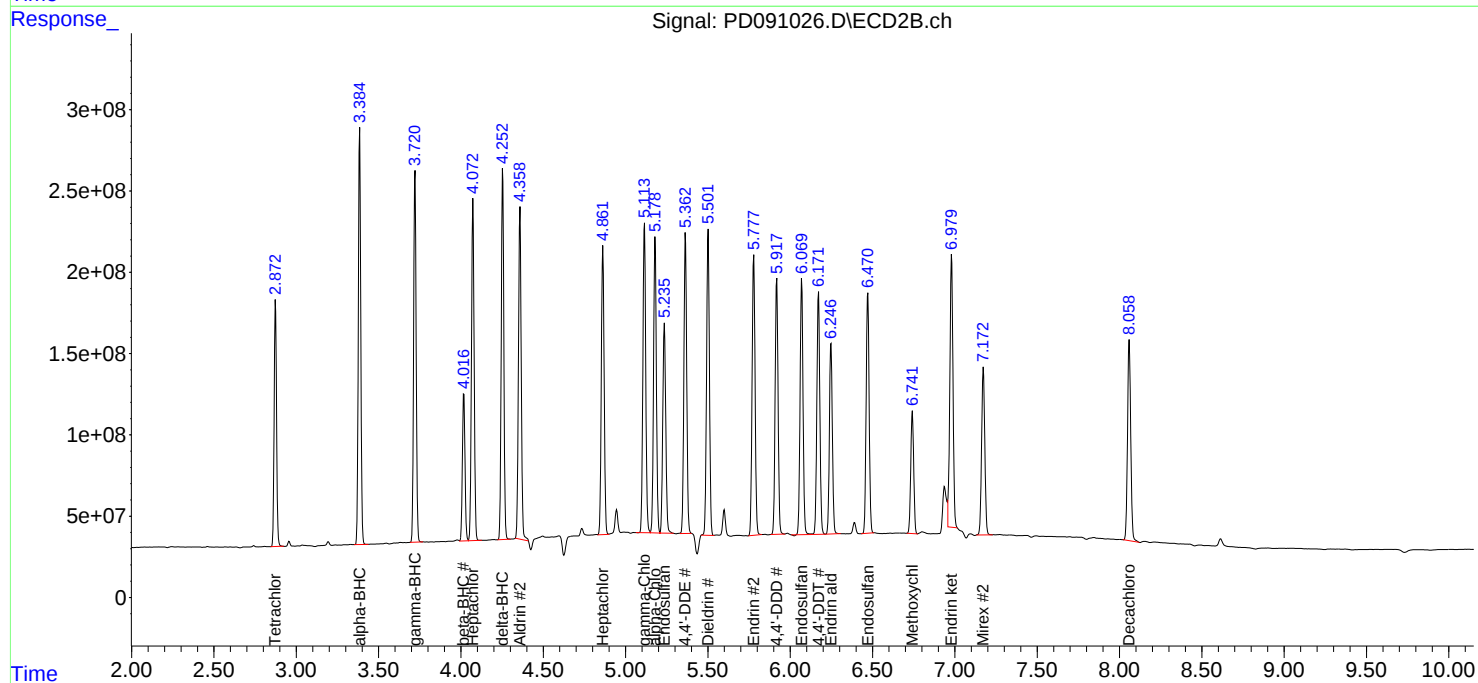
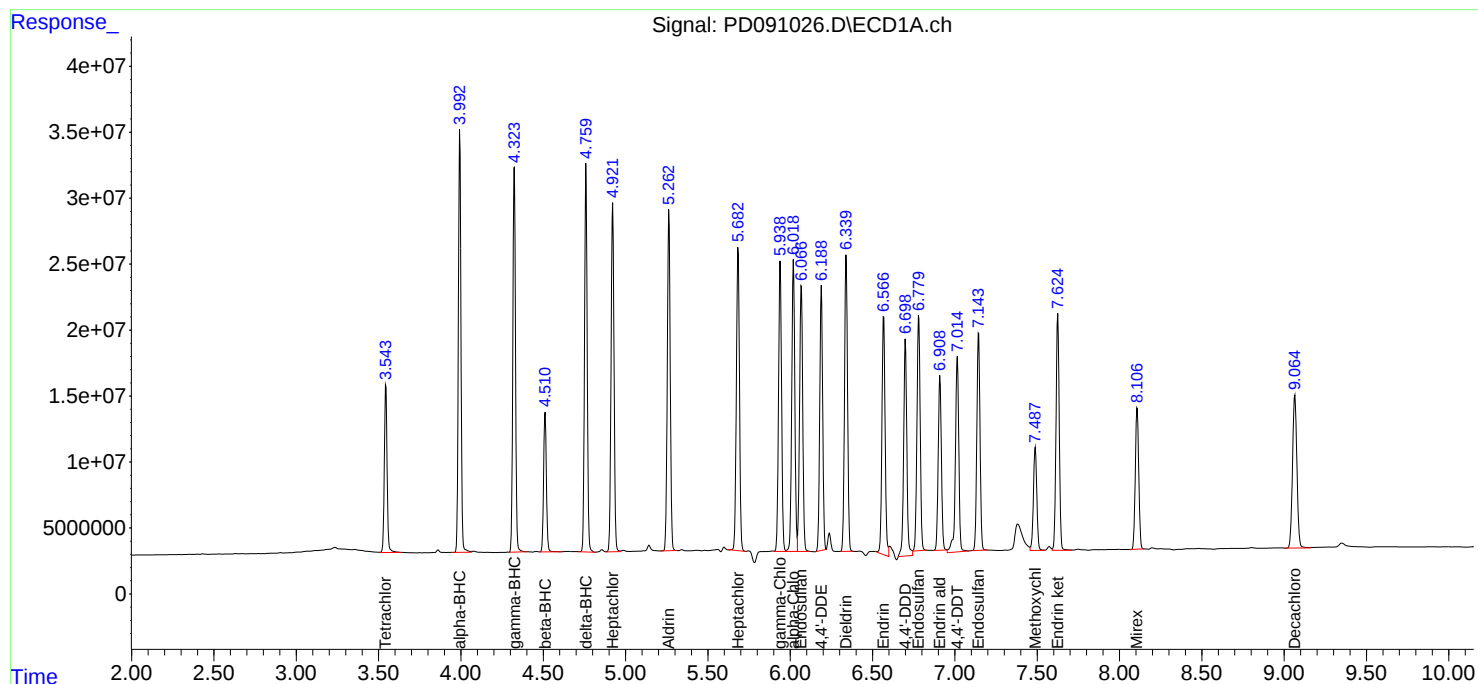
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D Date Analyzed: 10/17/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:07

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D Date Analyzed: 10/17/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:07

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

PEM
 Data File: PD090648.D Date Acquired 10/17/2025 11:07
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.57	243728295.7	249054181.9	5325886.17	2.14
Endrin aldehyde	6.91	1372426.584			
Endrin ketone	7.63	3953459.588			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	1941282940	1991060515	49777575.7	2.50
Endrin aldehyde #2	6.25	19940698.04			
Endrin ketone #2	6.98	29836877.65			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.02	412144601.3	415215115.8	3070514.5	0.74
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	3070514.503			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	3355351424	3394188860	38837436.1	1.14
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.92	38837436.09			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/19/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 14:04:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 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	67593250	632.0E6	21.705	21.224
28)	SA Decachlor...	9.066	8.062	106.9E6	648.1E6	22.859	21.395
Target Compounds							
2)	A alpha-BHC	3.994	3.386	64971308	526.5E6	9.053	10.304
3)	MA gamma-BHC...	4.324	3.723	63399907	488.4E6	9.325	10.337
6)	B beta-BHC	4.512	4.019	26386693	207.4E6	10.073	10.459
14)	MA Endrin	6.568	5.781	243.7E6	1941.3E6	49.201	47.940
16)	A 4,4'-DDD	6.701	5.923	3070515	38837436	0.757	1.066 #
17)	MA 4,4'-DDT	7.016	6.174	412.1E6	3355.4E6	100.267	95.667
18)	B Endrin al...	6.913	6.248	1372427	19940698	0.375m	0.720 #
20)	A Methoxychlor	7.489	6.745	503.3E6	3517.5E6	236.805	201.834
21)	B Endrin ke...	7.625	6.981	3953460	29836878	0.814	0.791m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090648.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

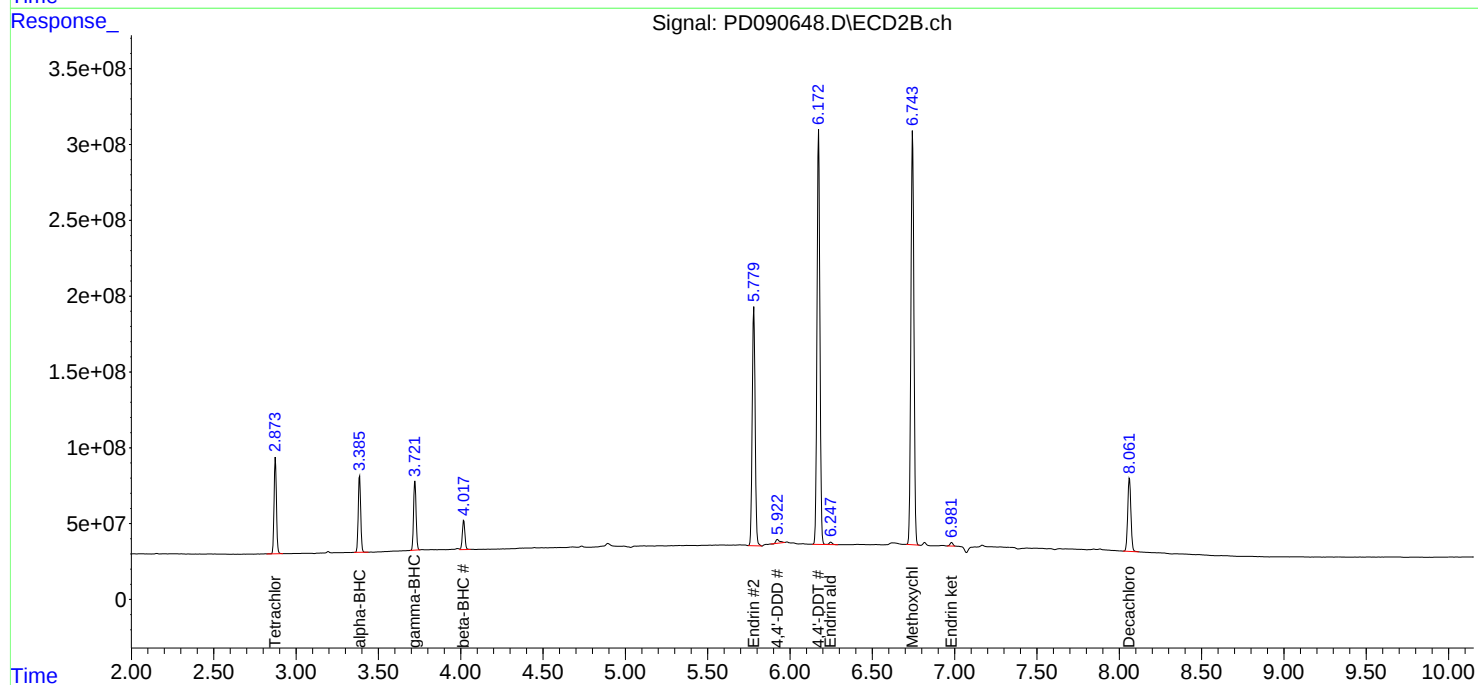
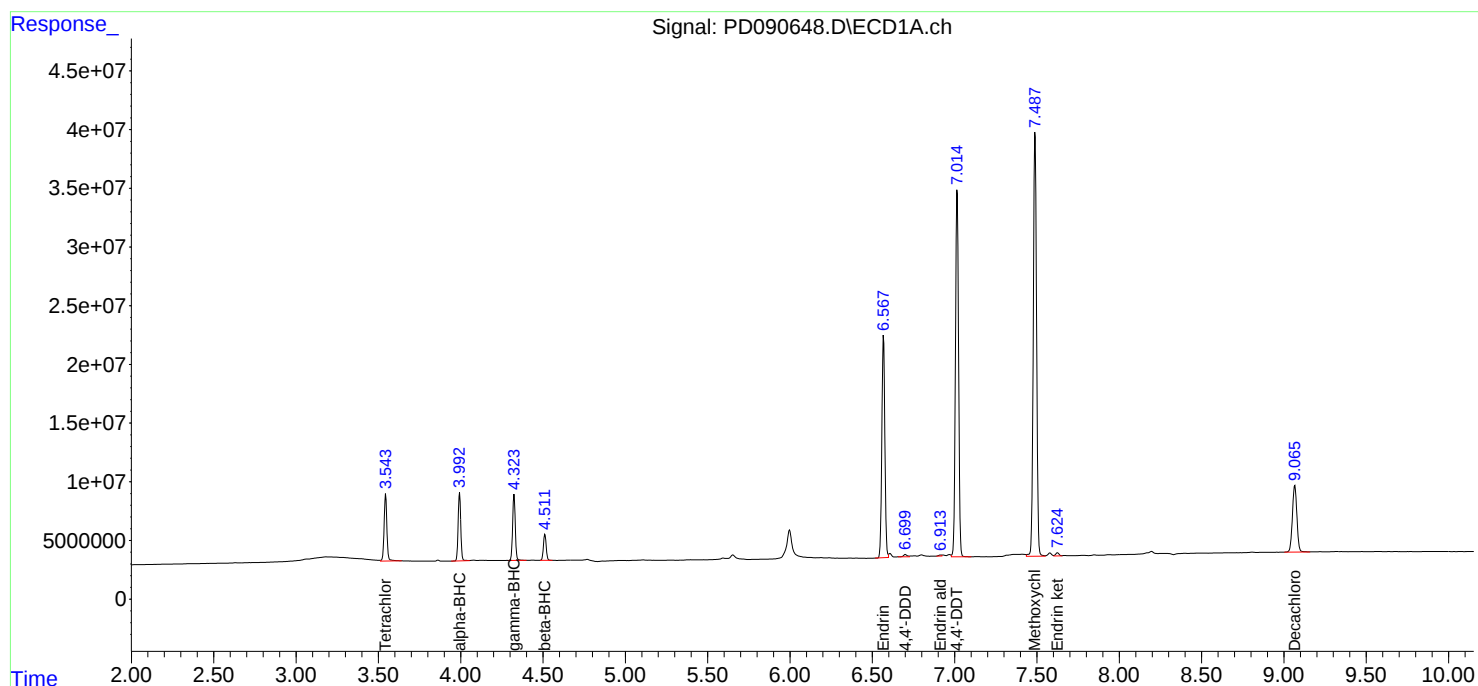
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:04:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090981.D Date Analyzed: 11/06/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:34

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.062	8.960	9.160	21.660	20.000	8.3
Tetrachloro-m-xylene	3.544	3.490	3.590	22.290	20.000	11.5
alpha-BHC	3.993	3.940	4.040	9.490	10.000	-5.1
beta-BHC	4.511	4.460	4.560	10.760	10.000	7.6
gamma-BHC (Lindane)	4.324	4.270	4.370	9.720	10.000	-2.8
Endrin	6.567	6.500	6.640	51.620	50.000	3.2
4,4'-DDT	7.015	6.940	7.090	110.870	100.000	10.9
Methoxychlor	7.488	7.420	7.560	262.650	250.000	5.1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090981.D Date Analyzed: 11/06/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:34

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.059	7.960	8.160	23.650	20.000	18.3
Tetrachloro-m-xylene	2.874	2.820	2.920	23.040	20.000	15.2
alpha-BHC	3.385	3.330	3.440	11.220	10.000	12.2
beta-BHC	4.017	3.970	4.070	11.440	10.000	14.4
gamma-BHC (Lindane)	3.721	3.670	3.770	11.300	10.000	13.0
Endrin	5.779	5.710	5.850	51.010	50.000	2.0
4,4'-DDT	6.172	6.100	6.240	108.570	100.000	8.6
Methoxychlor	6.742	6.670	6.810	224.730	250.000	-10.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD090981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 09:34
 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: Nov 07 00:23:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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	69422655	686.0E6	22.293	23.039
28)	SA Decachlor...	9.062	8.059	101.3E6	716.3E6	21.664	23.648
Target Compounds							
2)	A alpha-BHC	3.993	3.385	68137532	573.2E6	9.494	11.219
3)	MA gamma-BHC...	4.324	3.721	66090389	533.8E6	9.721	11.298
6)	B beta-BHC	4.511	4.017	28185269	226.9E6	10.759	11.444
12)	B 4,4'-DDE	6.188	5.365	715816	8371403	0.134	0.191 #
14)	MA Endrin	6.567	5.779	255.7E6	2065.6E6	51.622	51.010
16)	A 4,4'-DDD	6.699	5.919	11291166	117.2E6	2.785	3.217
17)	MA 4,4'-DDT	7.015	6.172	455.7E6	3808.0E6	110.868	108.572
18)	B Endrin al...	6.910	6.247	2318046	33760242	0.633	1.219 #
20)	A Methoxychlor	7.488	6.742	558.3E6	3916.5E6	262.654	224.728
21)	B Endrin ke...	7.623	6.980	7062071	57358561	1.453	1.521

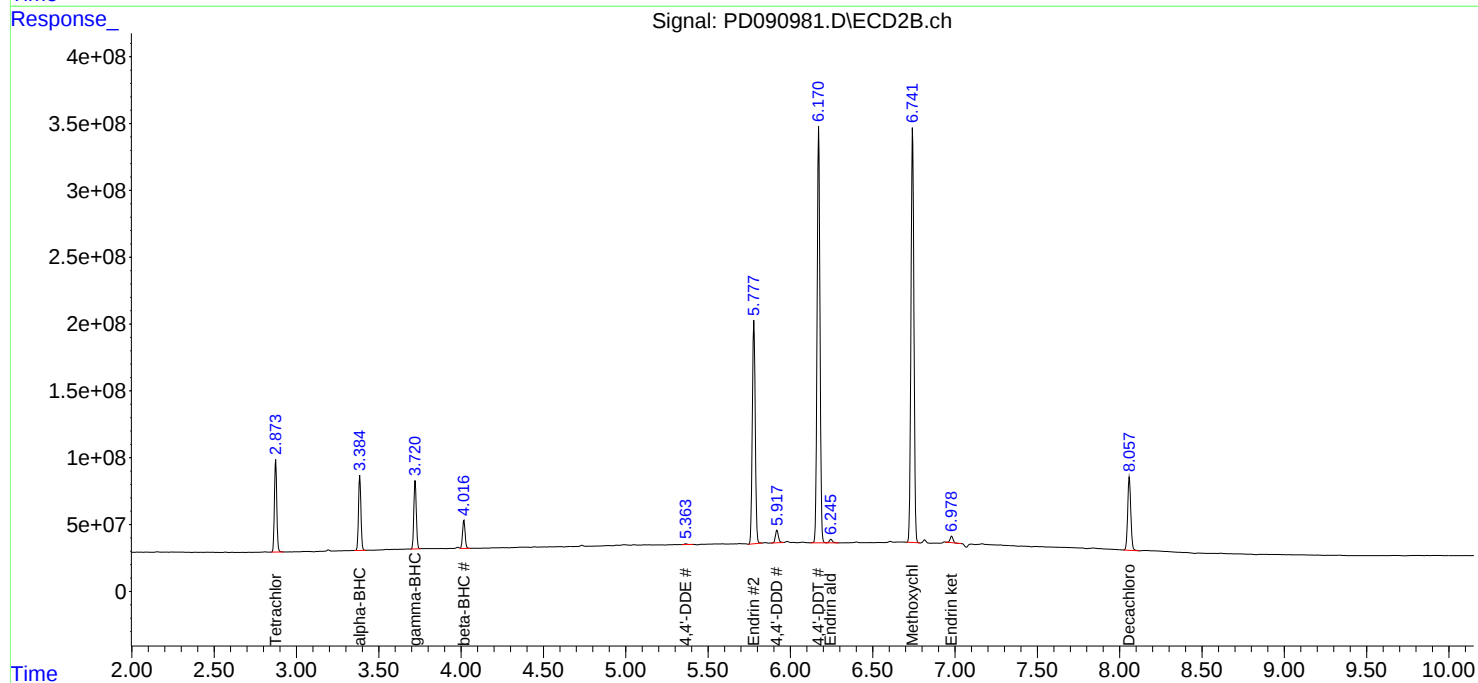
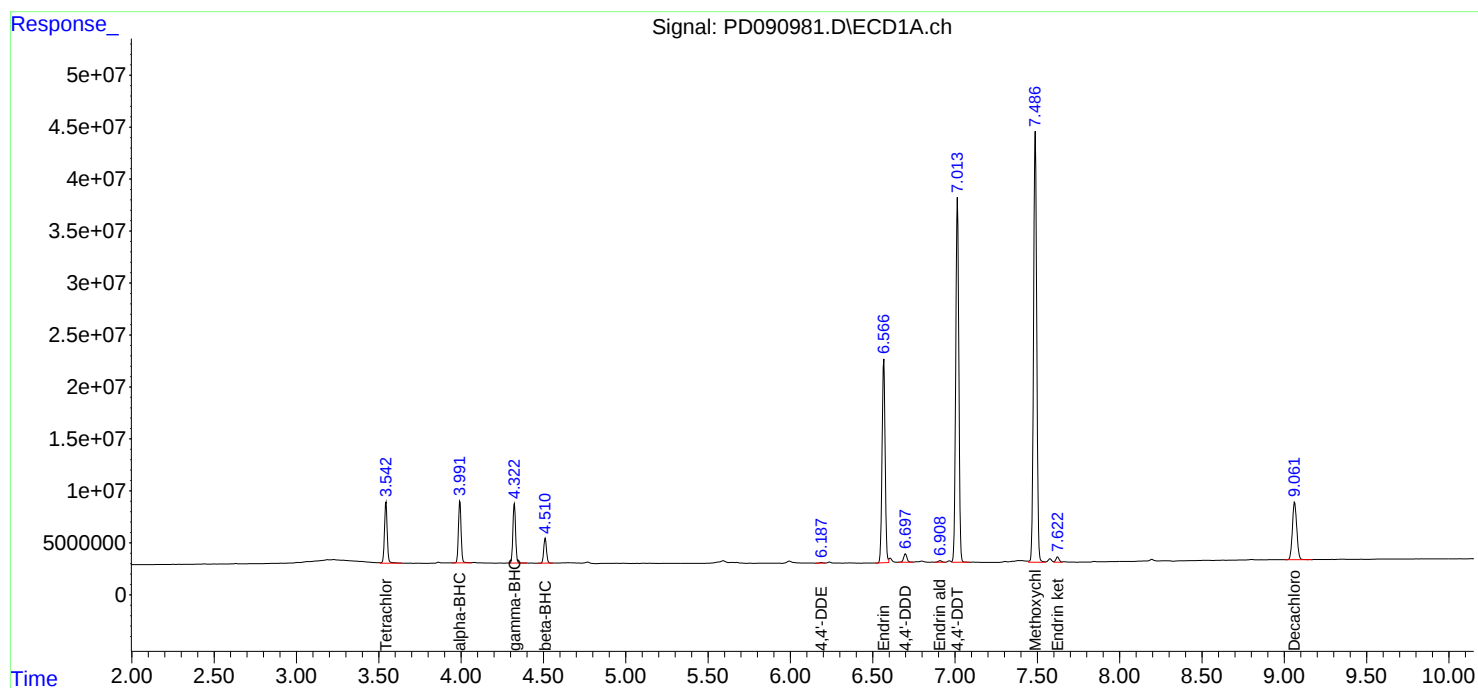
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 09:34
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: Nov 07 00:23:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091016.D Date Analyzed: 11/07/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:56

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.063	8.960	9.160	22.710	20.000	13.6
Tetrachloro-m-xylene	3.544	3.490	3.590	22.750	20.000	13.8
alpha-BHC	3.992	3.940	4.040	9.790	10.000	-2.1
beta-BHC	4.511	4.460	4.560	11.070	10.000	10.7
gamma-BHC (Lindane)	4.323	4.270	4.370	9.990	10.000	-0.1
Endrin	6.566	6.500	6.640	51.180	50.000	2.4
4,4'-DDT	7.014	6.940	7.080	108.650	100.000	8.7
Methoxychlor	7.487	7.420	7.560	255.870	250.000	2.3

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD091016.D Date Analyzed: 11/07/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:56

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.058	7.960	8.160	25.950	20.000	29.8
Tetrachloro-m-xylene	2.873	2.820	2.920	24.210	20.000	21.1
alpha-BHC	3.385	3.330	3.440	11.810	10.000	18.1
beta-BHC	4.017	3.970	4.070	12.100	10.000	21.0
gamma-BHC (Lindane)	3.721	3.670	3.770	11.830	10.000	18.3
Endrin	5.778	5.710	5.850	52.540	50.000	5.1
4,4'-DDT	6.171	6.100	6.240	110.850	100.000	10.9
Methoxychlor	6.741	6.670	6.810	231.280	250.000	-7.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
 Data File : PD091016.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2025 09:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:41:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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	2.873	70852370	720.8E6	22.752	24.207
28)	SA Decachlor...	9.063	8.058	106.3E6	786.1E6	22.714	25.950
Target Compounds							
2)	A alpha-BHC	3.992	3.385	70281314	603.3E6	9.792	11.807
3)	MA gamma-BHC...	4.323	3.721	67927022	558.9E6	9.991	11.830
6)	B beta-BHC	4.511	4.017	28990534	240.0E6	11.067	12.105
12)	B 4,4'-DDE	6.188	5.364	808950	7708929	0.152	0.176
14)	MA Endrin	6.566	5.778	253.5E6	2127.5E6	51.184	52.538
16)	A 4,4'-DDD	6.698	5.918	16318027	174.8E6	4.025	4.796
17)	MA 4,4'-DDT	7.014	6.171	446.6E6	3887.7E6	108.653	110.846
18)	B Endrin al...	6.907	6.246	3716940	44993015	1.015m	1.625 #
20)	A Methoxychlor	7.487	6.741	543.9E6	4030.6E6	255.869	231.276
21)	B Endrin ke...	7.623	6.979	12184493	97248594	2.508	2.578

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 09:56
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

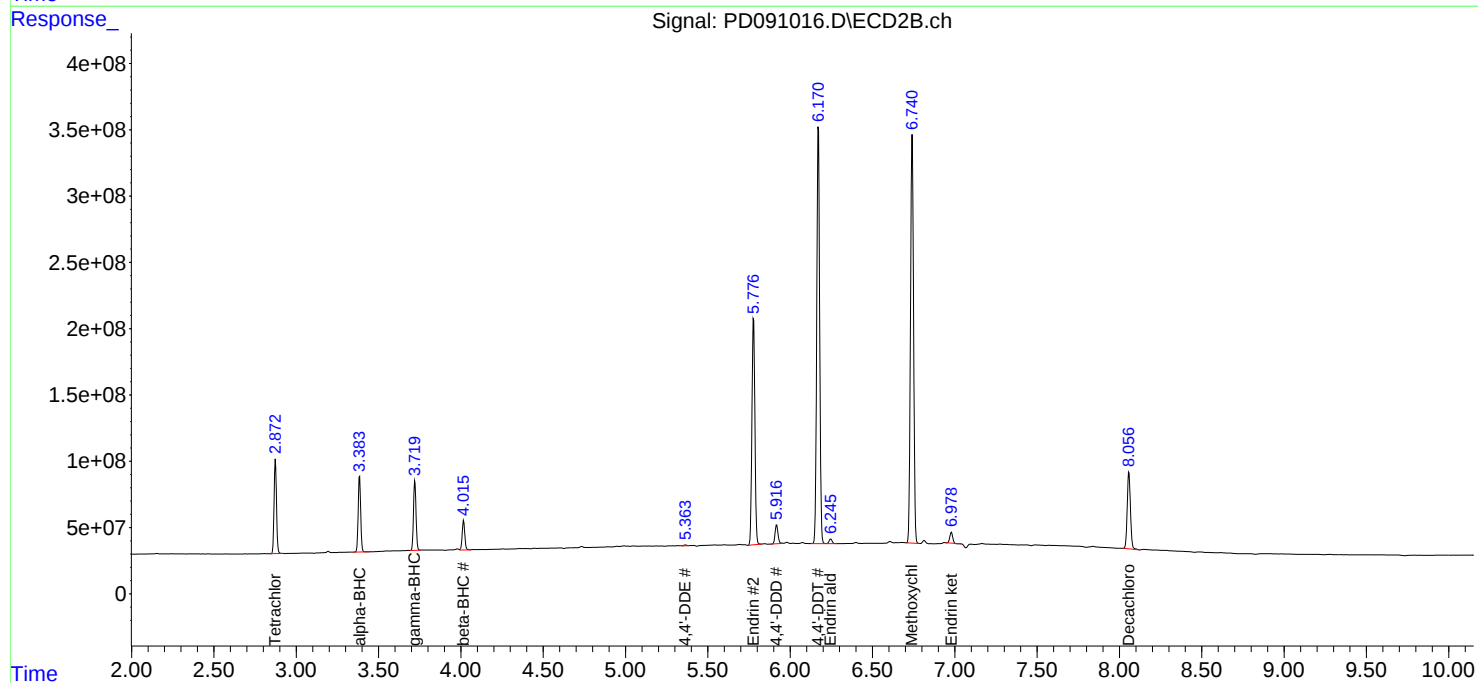
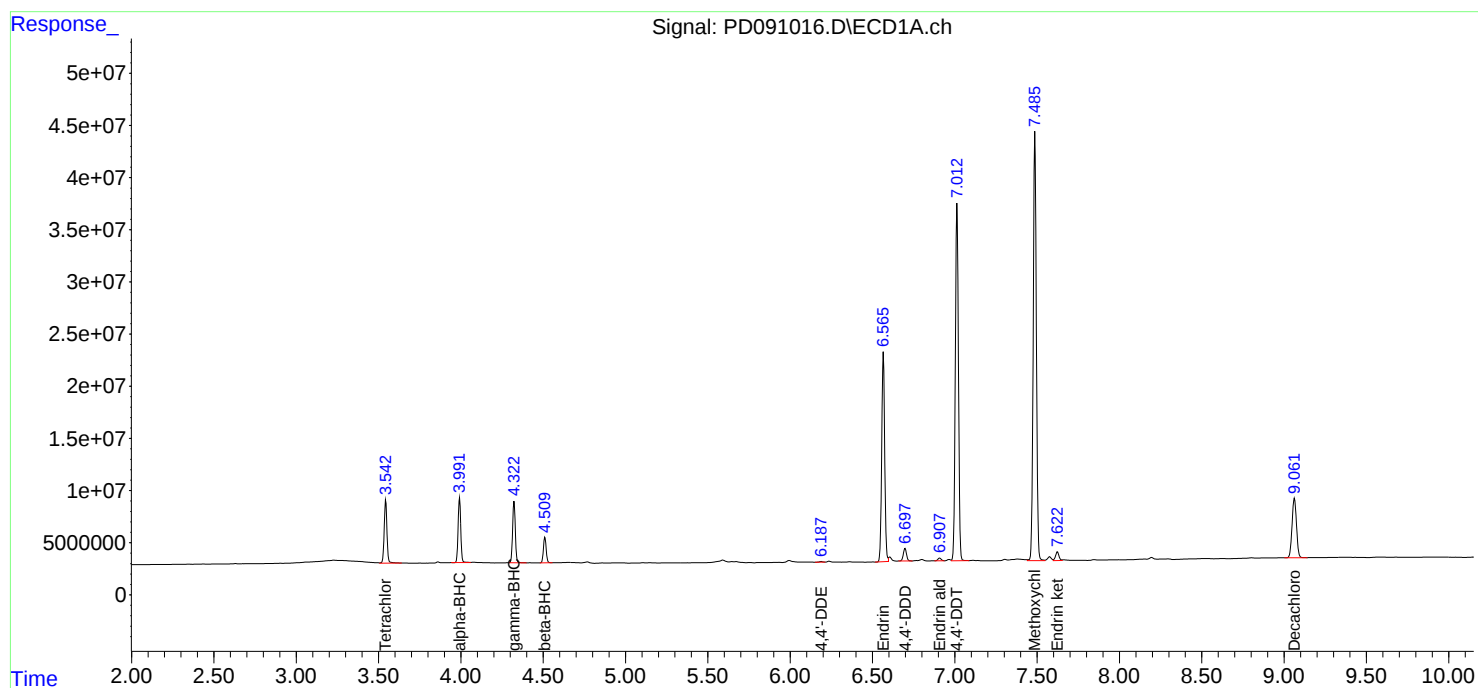
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:41:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090649.D
Acq On : 17 Oct 2025 11:20
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Title : GC Extractables
Last Update : Fri Oct 17 17:43:28 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.544	5.940	100.00%
5.940	6.068	100.00%
6.068	6.190	100.00%
6.190	6.341	100.00%
6.341	7.144	100.00%
7.144	7.488	100.00%
7.488	7.625	100.00%
7.625	9.066	100.00%

Signal #2

2.874	5.116	100.00%
5.116	5.238	100.00%
5.238	5.366	100.00%
5.366	5.503	100.00%
5.503	6.474	100.00%
6.474	6.745	100.00%
6.745	6.983	100.00%
6.983	8.062	100.00%

PD101725.M Sat Oct 25 06:10:53 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090649.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:20
 Operator : AR\AJ
 Sample : RESCHK
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RESCHK

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/19/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 14:04:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 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	2.874	55125186	545.1E6	17.701m	18.307
28)	SA Decachlor...	9.066	8.062	88858238	547.9E6	18.995	18.088
Target Compounds							
9)	A Endosulfan I	6.068	5.238	43926319	330.7E6	7.934	8.397
10)	B gamma-Chl...	5.940	5.116	47696248	387.3E6	8.042	8.616
12)	B 4,4'-DDE	6.190	5.366	86477351	754.1E6	16.235	17.202
13)	MA Dieldrin	6.341	5.503	92552800	748.0E6	15.872	16.930
19)	B Endosulfa...	7.144	6.474	76754913	612.1E6	16.548	17.078
20)	A Methoxychlor	7.488	6.745	169.7E6	1331.6E6	79.844	76.409
21)	B Endrin ke...	7.625	6.983	80182457	638.1E6	16.502	16.917

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090649.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:20
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

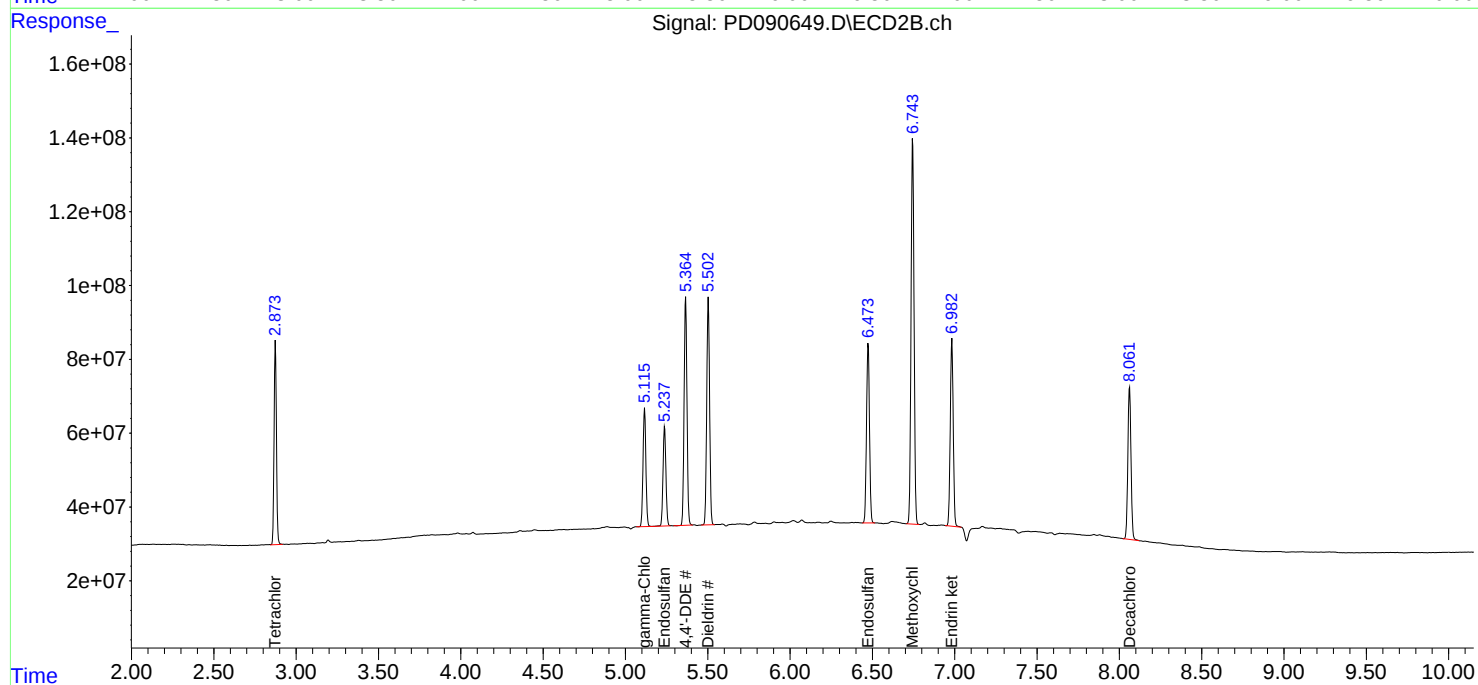
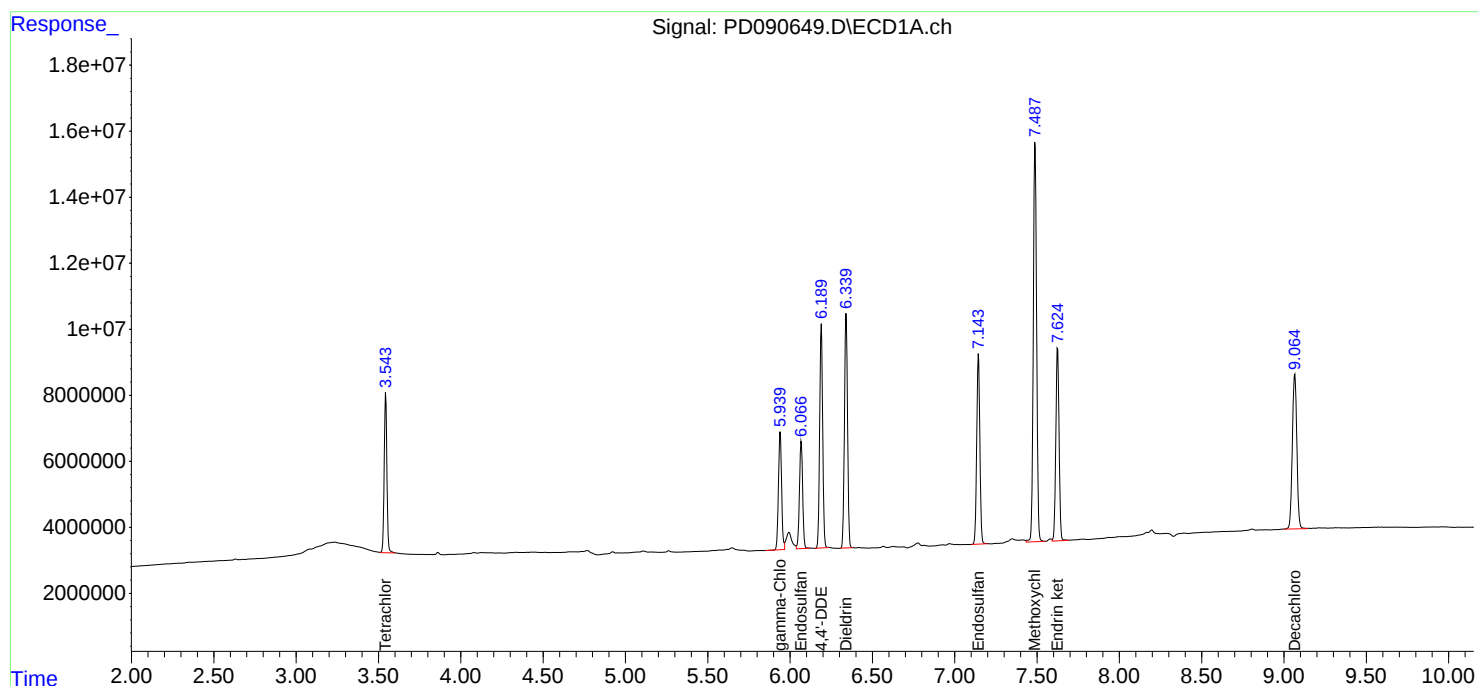
Instrument :
ECD_D
ClientSampleId :
RESCHK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:04:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 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



Analytical Sequence

Client: Remington & Vernick Engineers	SDG No.: Q3534
Project: Edison Landfill	Instrument ID: ECD_D
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 10/17/2025 10/17/2025

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 #
IBLK	IBLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
PEM	PEM	11/06/2025	09:34	PD090981.D	9.06	3.54
IBLK	IBLK	11/06/2025	13:51	PD090991.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/06/2025	14:05	PD090992.D	9.06	3.54
PB170426BL	PB170426BL	11/06/2025	14:19	PD090993.D	9.06	3.54
MW-6	Q3534-01	11/06/2025	15:18	PD090996.D	9.06	3.54
MW-1	Q3534-02	11/06/2025	15:32	PD090997.D	9.06	3.54
MW-11	Q3534-03	11/06/2025	15:46	PD090998.D	9.06	3.54
MW-5	Q3534-04	11/06/2025	15:59	PD090999.D	9.06	3.54
MW-EB-1	Q3534-05	11/06/2025	16:13	PD091000.D	9.06	3.55
FB-1	Q3534-09	11/06/2025	16:54	PD091003.D	9.06	3.54
EB-1	Q3534-10	11/06/2025	17:08	PD091004.D	9.06	3.54
IBLK	IBLK	11/06/2025	18:57	PD091012.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/06/2025	19:10	PD091013.D	9.06	3.54
IBLK	IBLK	11/07/2025	09:43	PD091015.D	9.06	3.54
PEM	PEM	11/07/2025	09:56	PD091016.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/07/2025	10:10	PD091017.D	9.06	3.54
MW-EB-2	Q3534-06	11/07/2025	10:39	PD091019.D	9.06	3.54
MW-EB-3	Q3534-07	11/07/2025	10:53	PD091020.D	9.06	3.54
MW-EB-1DL	Q3534-05DL	11/07/2025	11:07	PD091021.D	9.06	3.54
PB170426BSD	PB170426BSD	11/07/2025	11:34	PD091023.D	9.08	3.55
PB170426BS	PB170426BS	11/07/2025	13:05	PD091024.D	9.08	3.55
IBLK	IBLK	11/07/2025	13:18	PD091025.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/07/2025	13:32	PD091026.D	9.07	3.54

Analytical Sequence

Client: Remington & Vernick Engineers	SDG No.: Q3534
Project: Edison Landfill	Instrument ID: ECD_D
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 10/17/2025 10/17/2025

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 #
IBLK	IBLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICC100	PSTDICC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICC075	PSTDICC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICC050	PSTDICC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICC025	PSTDICC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICC005	PSTDICC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
PEM	PEM	11/06/2025	09:34	PD090981.D	8.06	2.87
IBLK	IBLK	11/06/2025	13:51	PD090991.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/06/2025	14:05	PD090992.D	8.06	2.87
PB170426BL	PB170426BL	11/06/2025	14:19	PD090993.D	8.06	2.87
MW-6	Q3534-01	11/06/2025	15:18	PD090996.D	8.07	2.87
MW-1	Q3534-02	11/06/2025	15:32	PD090997.D	8.06	2.87
MW-11	Q3534-03	11/06/2025	15:46	PD090998.D	8.06	2.87
MW-5	Q3534-04	11/06/2025	15:59	PD090999.D	8.06	2.87
MW-EB-1	Q3534-05	11/06/2025	16:13	PD091000.D	8.06	2.87
FB-1	Q3534-09	11/06/2025	16:54	PD091003.D	8.06	2.87
EB-1	Q3534-10	11/06/2025	17:08	PD091004.D	8.06	2.87
IBLK	IBLK	11/06/2025	18:57	PD091012.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/06/2025	19:10	PD091013.D	8.06	2.87
IBLK	IBLK	11/07/2025	09:43	PD091015.D	8.06	2.87
PEM	PEM	11/07/2025	09:56	PD091016.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/07/2025	10:10	PD091017.D	8.06	2.87
MW-EB-2	Q3534-06	11/07/2025	10:39	PD091019.D	8.06	2.87
MW-EB-3	Q3534-07	11/07/2025	10:53	PD091020.D	8.06	2.87
MW-EB-1DL	Q3534-05DL	11/07/2025	11:07	PD091021.D	8.06	2.87
PB170426BSD	PB170426BSD	11/07/2025	11:34	PD091023.D	8.06	2.87
PB170426BS	PB170426BS	11/07/2025	13:05	PD091024.D	8.06	2.87
IBLK	IBLK	11/07/2025	13:18	PD091025.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/07/2025	13:32	PD091026.D	8.06	2.87

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-5

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Lab Sample ID: Q3534-04

Date(s) Analyzed: 11/06/2025 11/06/2025

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		CONCENTRATION	%RPD
			FROM	TO		
beta-BHC	1	4.51	4.46	4.56	0.028	93.1
	2	4.02	3.97	4.07	0.010	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-EB-1

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Lab Sample ID: Q3534-05

Date(s) Analyzed: 11/06/2025 11/06/2025

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		CONCENTRATION	%RPD
			FROM	TO		
beta-BHC	1	4.52	4.47	4.57	9.90	67.6
	2	4.02	3.97	4.07	4.90	
Endosulfan I	1	6.07	6.02	6.12	0.92	172.1
	2	5.23	5.18	5.28	0.069	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-EB-1DL

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Lab Sample ID: Q3534-05DL

Date(s) Analyzed: 11/07/2025 11/07/2025

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		CONCENTRATION	%RPD
			FROM	TO		
beta-BHC	1	4.52	4.47	4.57	9.10	19.3
	2	4.02	3.97	4.07	7.50	
Endosulfan I	1	6.07	6.02	6.12	0.96	180.1
	2	5.24	5.19	5.29	0.051	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170426BS

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Lab Sample ID: PB170426BS

Date(s) Analyzed: 11/07/2025 11/07/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	0.23	2.3
	2	5.92	5.87	5.97	0.24	
4,4'-DDE	1	6.20	6.15	6.25	0.21	6.4
	2	5.36	5.31	5.41	0.23	
4,4'-DDT	1	7.02	6.97	7.07	0.24	1.2
	2	6.17	6.12	6.22	0.24	
alpha-BHC	1	4.00	3.95	4.05	0.22	4.3
	2	3.39	3.34	3.44	0.23	
Aldrin	1	5.27	5.22	5.32	0.22	4.2
	2	4.36	4.31	4.41	0.23	
alpha-Chlordane	1	6.03	5.98	6.08	0.21	7.9
	2	5.18	5.13	5.23	0.23	
Endosulfan II	1	6.79	6.74	6.84	0.22	3.8
	2	6.07	6.02	6.12	0.23	
Endosulfan sulfate	1	7.15	7.10	7.20	0.22	6.2
	2	6.47	6.42	6.52	0.23	
beta-BHC	1	4.52	4.47	4.57	0.21	6.1
	2	4.02	3.97	4.07	0.22	
delta-BHC	1	4.77	4.72	4.82	0.22	3.4
	2	4.25	4.20	4.30	0.23	
Endosulfan I	1	6.08	6.03	6.13	0.22	5.7
	2	5.24	5.19	5.29	0.21	
Dieldrin	1	6.35	6.30	6.40	0.22	3.6
	2	5.50	5.45	5.55	0.23	
Endrin aldehyde	1	6.92	6.87	6.97	0.22	7.1
	2	6.25	6.20	6.30	0.24	
Methoxychlor	1	7.50	7.45	7.55	0.24	1.2
	2	6.74	6.69	6.79	0.24	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170426BS

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Lab Sample ID: PB170426BS

Date(s) Analyzed: 11/07/2025 11/07/2025

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		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.63	7.58	7.68	0.23	19.7
	2	6.98	6.93	7.03	0.29	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.22	5.4
	2	3.72	3.67	3.77	0.23	
Heptachlor	1	4.93	4.88	4.98	0.27	11.5
	2	4.07	4.02	4.12	0.24	
Heptachlor epoxide	1	5.69	5.64	5.74	0.23	1.7
	2	4.86	4.81	4.91	0.22	
gamma-Chlordane	1	5.95	5.90	6.00	0.22	4.1
	2	5.12	5.07	5.17	0.23	
Endrin	1	6.58	6.53	6.63	0.22	9.8
	2	5.78	5.73	5.83	0.24	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170426BSD

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Lab Sample ID: PB170426BSD

Date(s) Analyzed: 11/07/2025 11/07/2025

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		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	0.23	1.8
	2	5.92	5.87	5.97	0.23	
4,4'-DDT	1	7.03	6.98	7.08	0.24	2
	2	6.17	6.12	6.22	0.23	
alpha-BHC	1	4.00	3.95	4.05	0.22	2.9
	2	3.39	3.34	3.44	0.22	
Aldrin	1	5.27	5.22	5.32	0.21	3.8
	2	4.36	4.31	4.41	0.22	
beta-BHC	1	4.52	4.47	4.57	0.21	4.3
	2	4.02	3.97	4.07	0.22	
alpha-Chlordane	1	6.03	5.98	6.08	0.21	3.9
	2	5.18	5.13	5.23	0.22	
4,4'-DDE	1	6.20	6.15	6.25	0.21	6.3
	2	5.37	5.32	5.42	0.22	
Endosulfan II	1	6.79	6.74	6.84	0.22	0
	2	6.07	6.02	6.12	0.22	
Endrin aldehyde	1	6.92	6.87	6.97	0.22	4.8
	2	6.25	6.20	6.30	0.23	
Endosulfan sulfate	1	7.15	7.10	7.20	0.22	2.8
	2	6.47	6.42	6.52	0.22	
Methoxychlor	1	7.50	7.45	7.55	0.24	4.9
	2	6.75	6.70	6.80	0.23	
Endrin ketone	1	7.63	7.58	7.68	0.23	18.8
	2	6.98	6.93	7.03	0.28	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.21	4.4
	2	3.72	3.67	3.77	0.22	
Heptachlor	1	4.93	4.88	4.98	0.26	13.3
	2	4.07	4.02	4.12	0.23	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170426BSD

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3534

Lab Sample ID: PB170426BSD

Date(s) Analyzed: 11/07/2025 11/07/2025

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		CONCENTRATION	%RPD
			FROM	TO		
delta-BHC	1	4.77	4.72	4.82	0.22	0.7
	2	4.25	4.20	4.30	0.22	
Heptachlor epoxide	1	5.69	5.64	5.74	0.22	3.5
	2	4.86	4.81	4.91	0.22	
Endosulfan I	1	6.08	6.03	6.13	0.22	7.8
	2	5.24	5.19	5.29	0.20	
gamma-Chlordane	1	5.95	5.90	6.00	0.21	1.5
	2	5.12	5.07	5.17	0.22	
Dieldrin	1	6.35	6.30	6.40	0.22	0.9
	2	5.50	5.45	5.55	0.22	
Endrin	1	6.58	6.53	6.63	0.22	6.8
	2	5.78	5.73	5.83	0.23	



QC SAMPLE DATA



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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: PB170426BL
Lab Sample ID: PB170426BL
Analytical Method: 8081B
Sample Wt/Vol: 1000 mL Final Vol: 5000 uL
Prep Method: 3510C Prep Date: 11/06/25

Date Collected:
Date Received:
SDG No.: Q3534
Matrix: WATER
% Solid: 0
Test: Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0020	U	1	0.0020	0.025	ug/L	11/06/25 14:19	PB170426
319-85-7	beta-BHC	0.0025	U	1	0.0025	0.025	ug/L	11/06/25 14:19	PB170426
319-86-8	delta-BHC	0.0055	U	1	0.0055	0.025	ug/L	11/06/25 14:19	PB170426
58-89-9	gamma-BHC (Lindane)	0.0019	U	1	0.0019	0.025	ug/L	11/06/25 14:19	PB170426
76-44-8	Heptachlor	0.0014	U	1	0.0014	0.025	ug/L	11/06/25 14:19	PB170426
309-00-2	Aldrin	0.0018	U	1	0.0018	0.025	ug/L	11/06/25 14:19	PB170426
1024-57-3	Heptachlor epoxide	0.0048	U	1	0.0048	0.025	ug/L	11/06/25 14:19	PB170426
959-98-8	Endosulfan I	0.0016	U	1	0.0016	0.025	ug/L	11/06/25 14:19	PB170426
60-57-1	Dieldrin	0.0018	U	1	0.0018	0.025	ug/L	11/06/25 14:19	PB170426
72-55-9	4,4-DDE	0.0019	U	1	0.0019	0.025	ug/L	11/06/25 14:19	PB170426
72-20-8	Endrin	0.0016	U	1	0.0016	0.025	ug/L	11/06/25 14:19	PB170426
33213-65-9	Endosulfan II	0.0040	U	1	0.0040	0.025	ug/L	11/06/25 14:19	PB170426
72-54-8	4,4-DDD	0.0036	U	1	0.0036	0.025	ug/L	11/06/25 14:19	PB170426
1031-07-8	Endosulfan Sulfate	0.0019	U	1	0.0019	0.025	ug/L	11/06/25 14:19	PB170426
50-29-3	4,4-DDT	0.0018	U	1	0.0018	0.025	ug/L	11/06/25 14:19	PB170426
72-43-5	Methoxychlor	0.0055	U	1	0.0055	0.025	ug/L	11/06/25 14:19	PB170426
53494-70-5	Endrin ketone	0.0046	U	1	0.0046	0.025	ug/L	11/06/25 14:19	PB170426
7421-93-4	Endrin aldehyde	0.0055	U	1	0.0055	0.025	ug/L	11/06/25 14:19	PB170426
5103-71-9	alpha-Chlordane	0.0018	U	1	0.0018	0.025	ug/L	11/06/25 14:19	PB170426
5103-74-2	gamma-Chlordane	0.0020	U	1	0.0020	0.025	ug/L	11/06/25 14:19	PB170426
8001-35-2	Toxaphene	0.085	U	1	0.085	0.50	ug/L	11/06/25 14:19	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.9			30 (57) - 150 (171)	94%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.6			30 (61) - 150 (148)	88%	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\PD110625\
Data File : PD090993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 14:19
Operator : AR\AJ
Sample : PB170426BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170426BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:26:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 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	52328778	525.1E6	16.803	17.634
28)	SA Decachlor...	9.063	8.058	80929433	571.9E6	17.300	18.880

Target Compounds

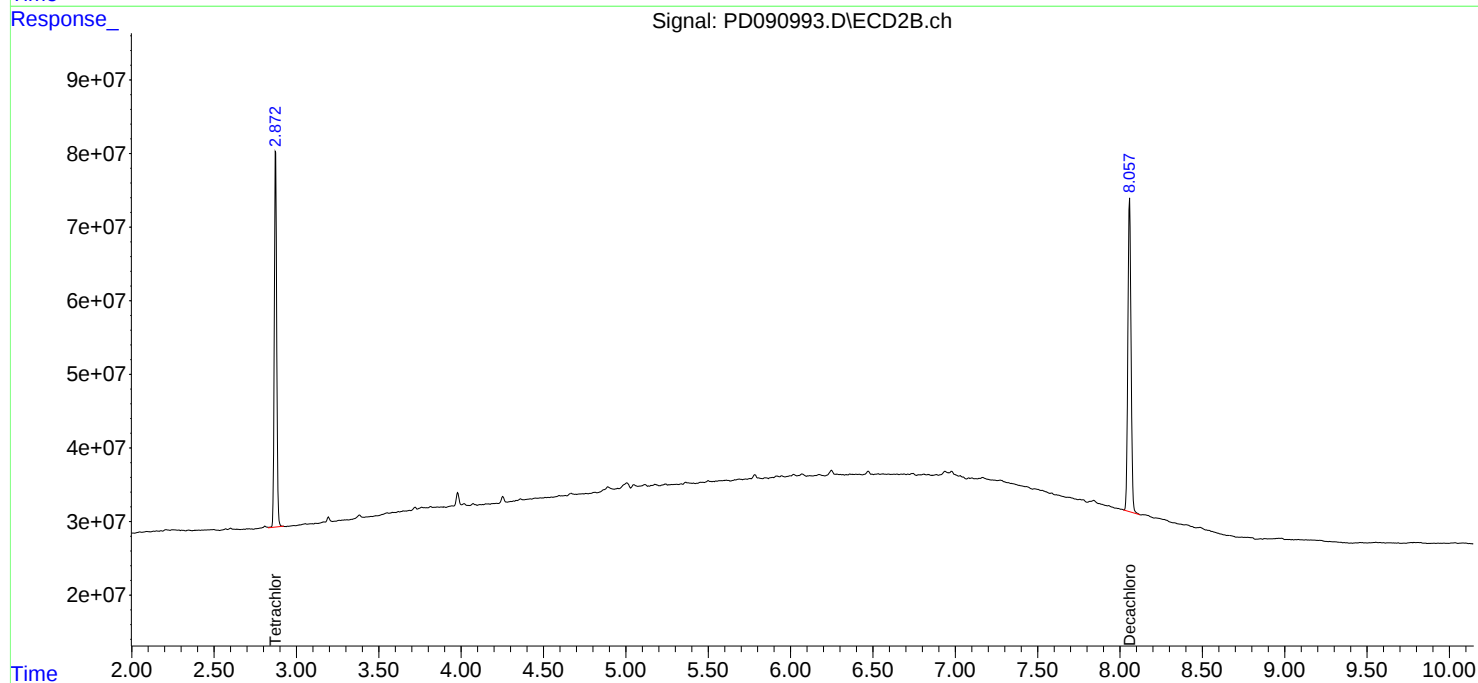
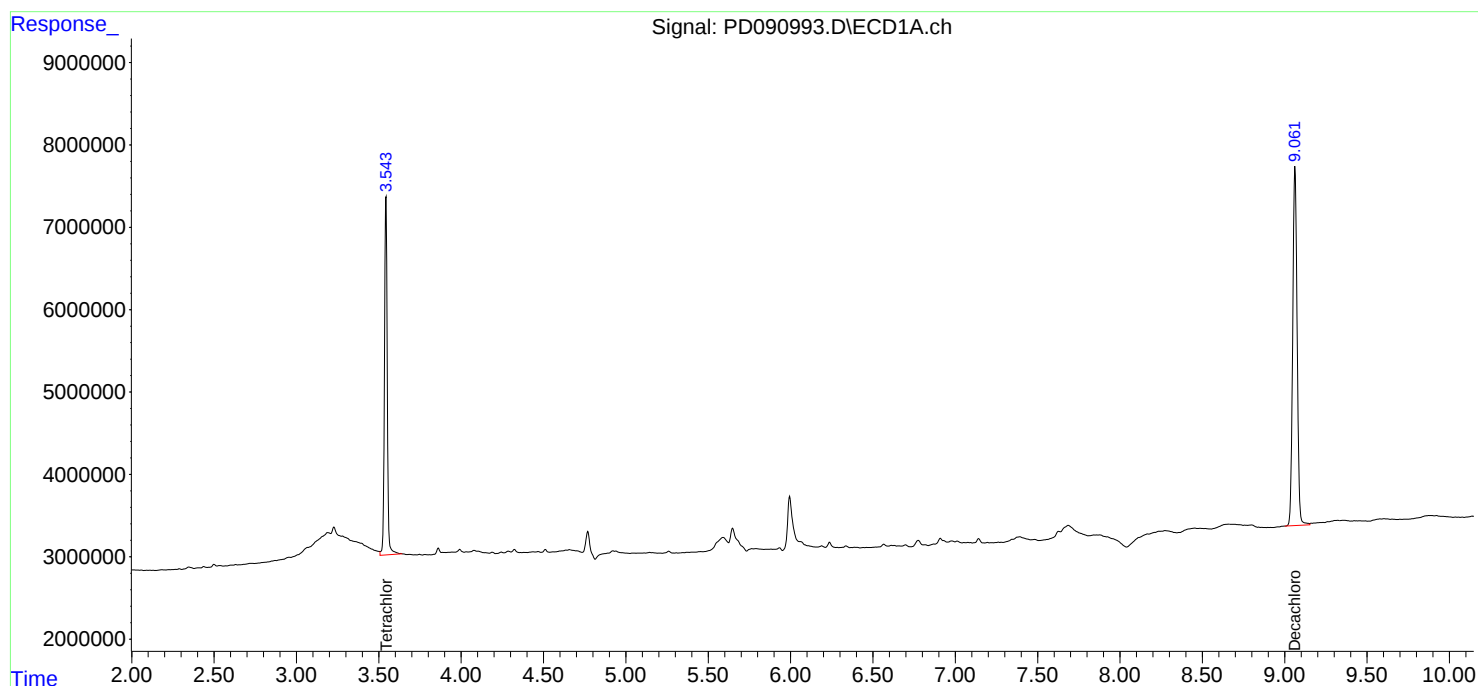
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 14:19
Operator : AR\AJ
Sample : PB170426BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

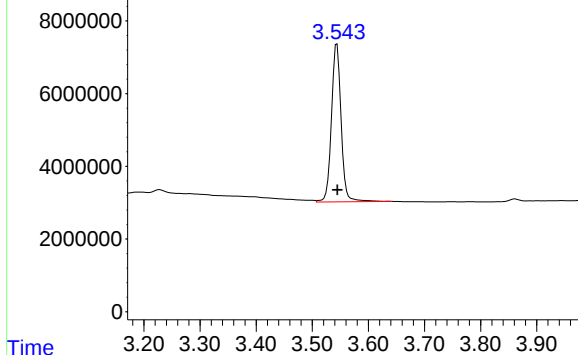
Instrument :
ECD_D
ClientSampleId :
PB170426BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:26:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PD090993.D\ECD1A.ch

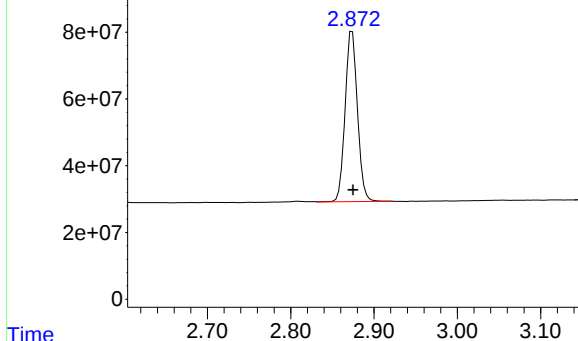


#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 52328778
Conc: 16.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BL

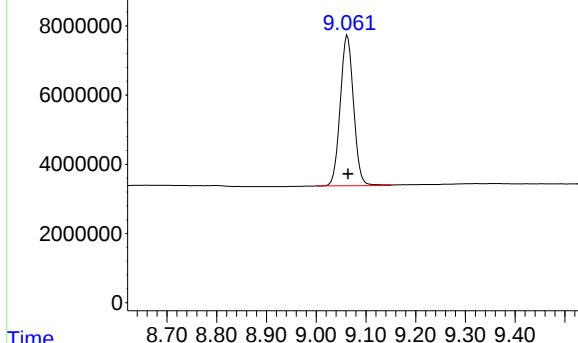
Response_ Signal: PD090993.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 525080079
Conc: 17.63 ng/ml

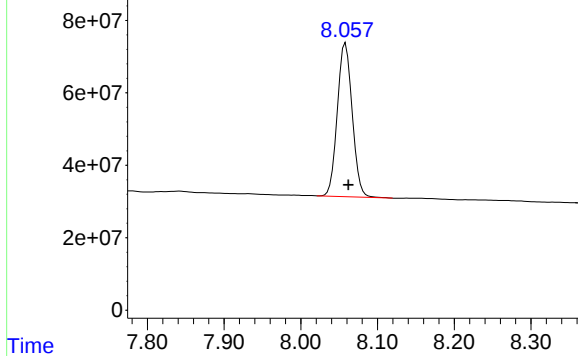
Response_ Signal: PD090993.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 80929433
Conc: 17.30 ng/ml

Response_ Signal: PD090993.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 571888681
Conc: 18.88 ng/ml



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	10/17/25
Project:	Edison Landfill		Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D		SDG No.:	Q3534
Lab Sample ID:	I.BLK-PD090647.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	Pesticide-TCL
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	10/17/25	pd101725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/17/25	pd101725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/17/25	pd101725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/17/25	pd101725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/17/25	pd101725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/17/25	pd101725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/17/25	pd101725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/17/25	pd101725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/17/25	pd101725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/17/25	pd101725
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.3			30 (57) - 150 (171)	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			30 (61) - 150 (148)	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\PD101725\
Data File : PD090647.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 10:53
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: Oct 17 14:03:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 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...	3.545	2.875	60526543	594.5E6	19.436	19.964
28)	SA Decachlor...	9.066	8.062	99514776	616.2E6	21.273	20.342

Target Compounds

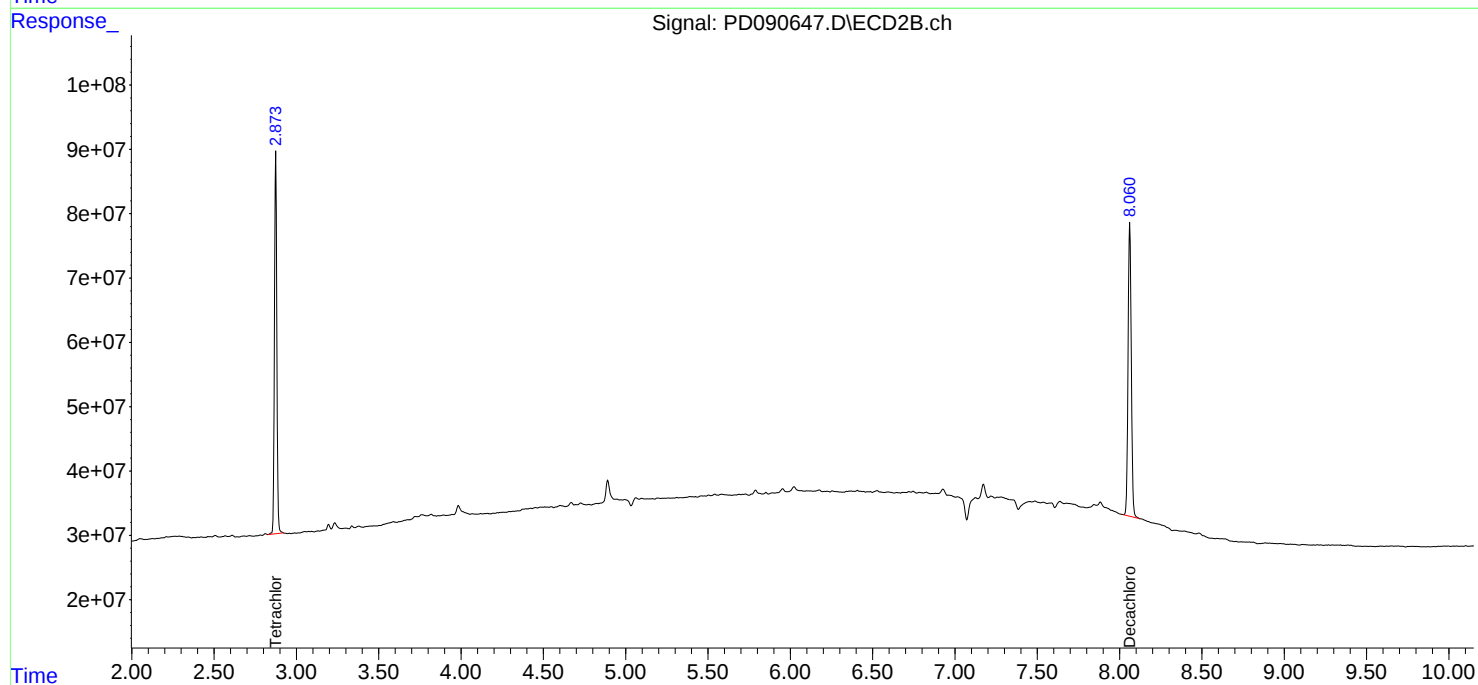
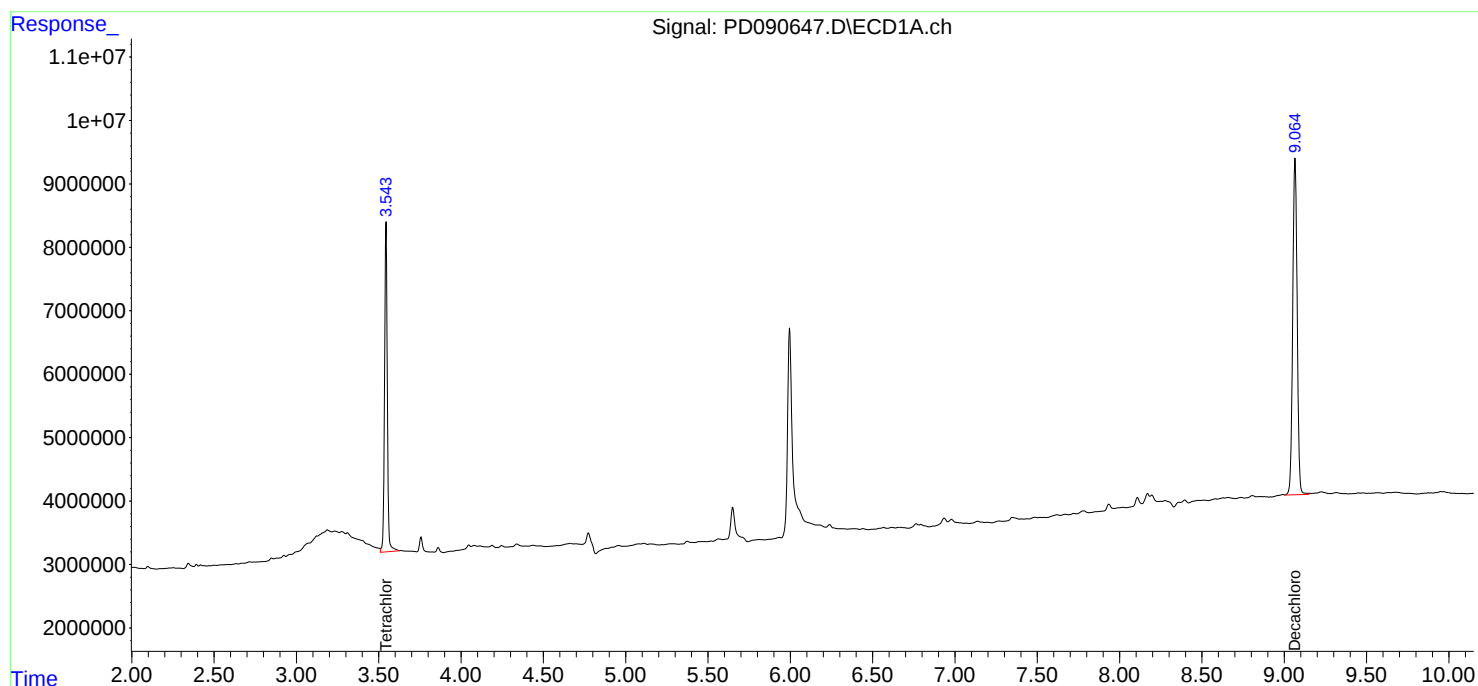
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

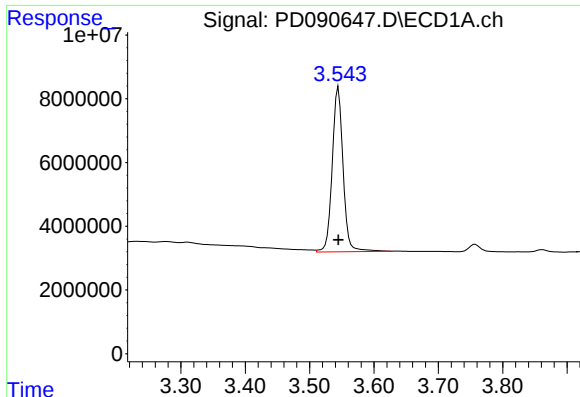
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090647.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 10:53
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:03:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 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

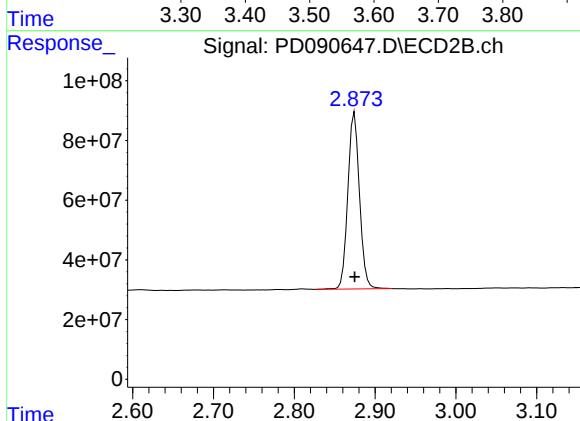




#1 Tetrachloro-m-xylene

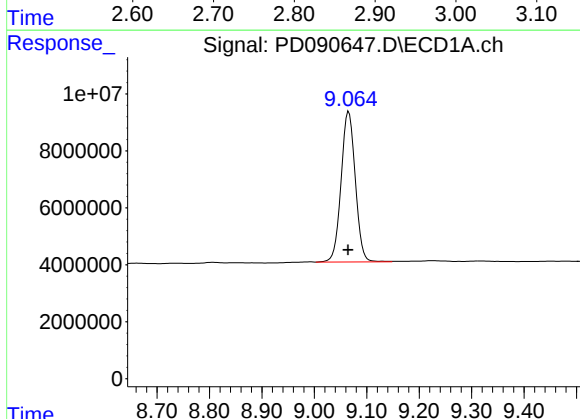
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 60526543
Conc: 19.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



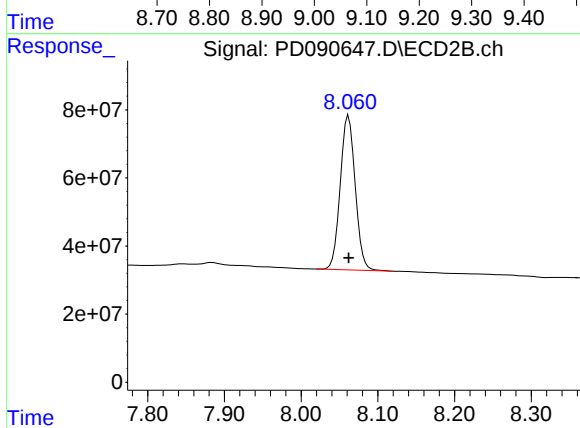
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 594475365
Conc: 19.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 99514776
Conc: 21.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 616188932
Conc: 20.34 ng/ml



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/06/25
Project:	Edison Landfill		Date Received:	11/06/25
Client Sample ID:	PIBLK-PD090991.D		SDG No.:	Q3534
Lab Sample ID:	I.BLK-PD090991.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	Pesticide-TCL
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	11/06/25	pd110625
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/06/25	pd110625
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/06/25	pd110625
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/06/25	pd110625
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/06/25	pd110625
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25	pd110625
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/06/25	pd110625
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/06/25	pd110625
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25	pd110625
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/06/25	pd110625
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/06/25	pd110625
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/06/25	pd110625
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/06/25	pd110625
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/06/25	pd110625
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/06/25	pd110625
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/06/25	pd110625
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/06/25	pd110625
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/06/25	pd110625
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/06/25	pd110625
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/06/25	pd110625
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25	pd110625
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.1			30 (57) - 150 (171)	116%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.3			30 (61) - 150 (148)	106%	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\PD110625\
 Data File : PD090991.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 13:51
 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: Nov 07 00:26:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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	63756981	632.7E6	20.473	21.247
28)	SA Decachlor...	9.064	8.059	97889066	700.5E6	20.926	23.126

Target Compounds

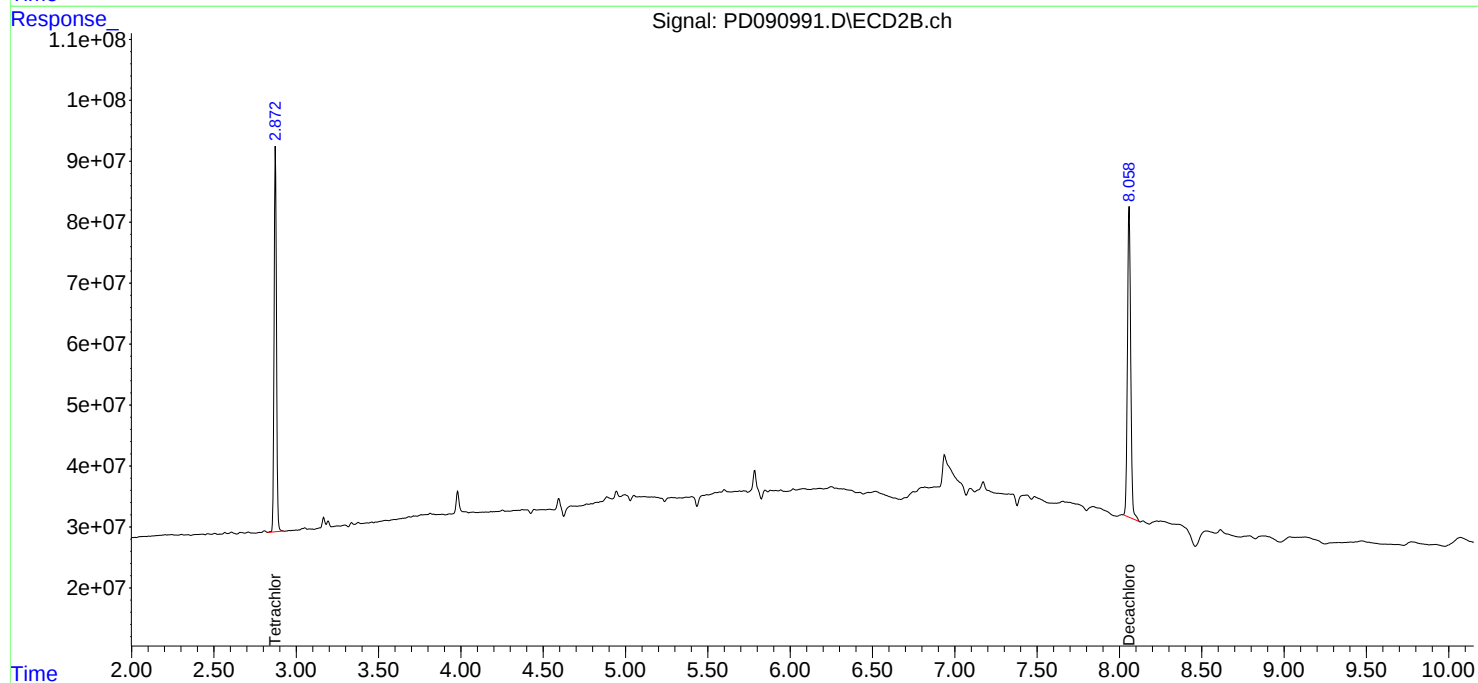
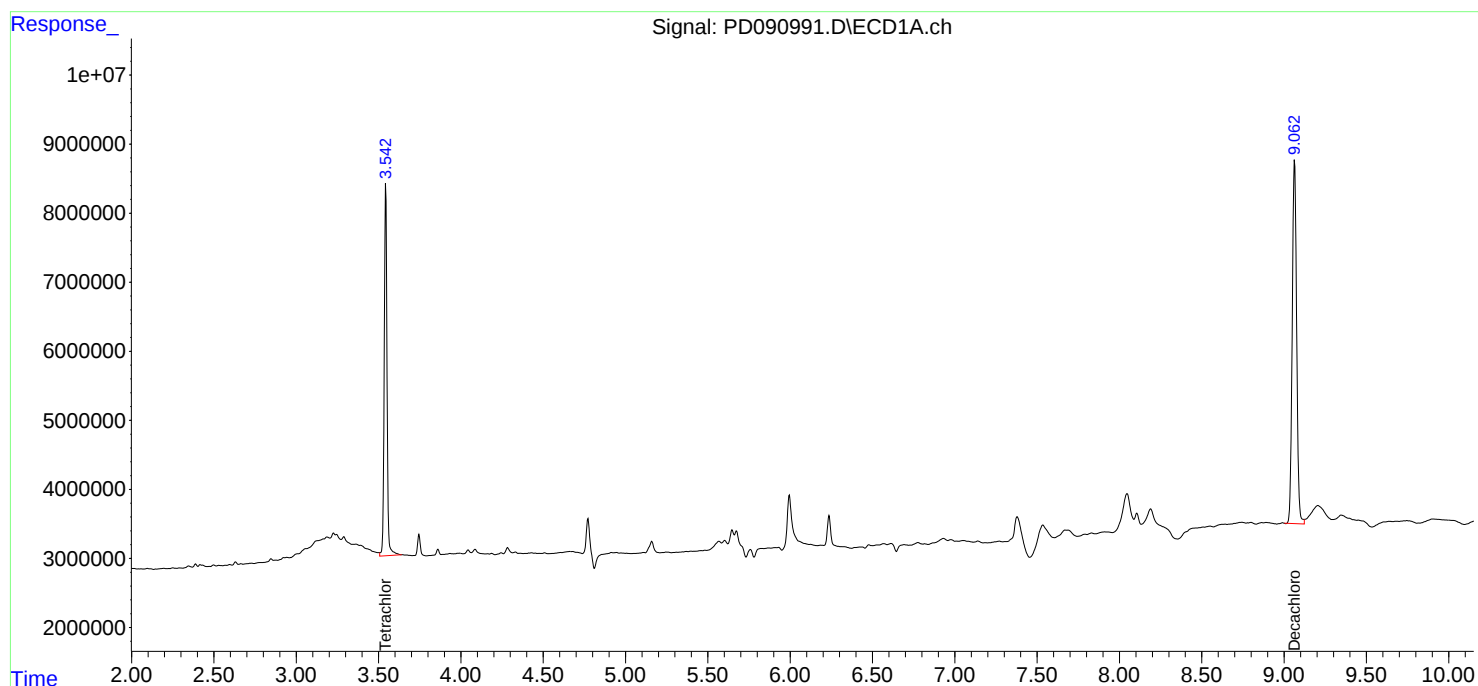
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

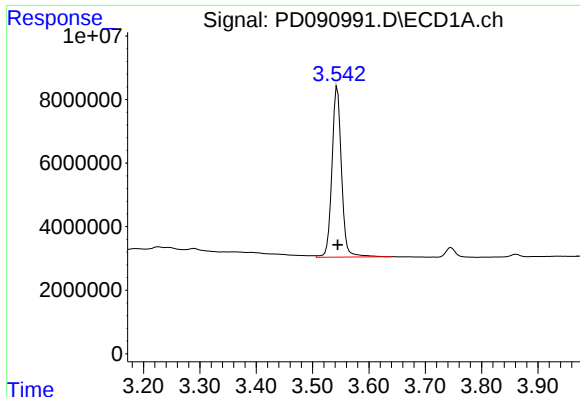
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 13:51
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:26:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

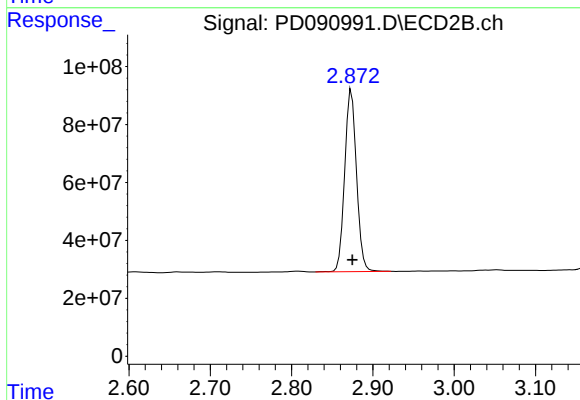




#1 Tetrachloro-m-xylene

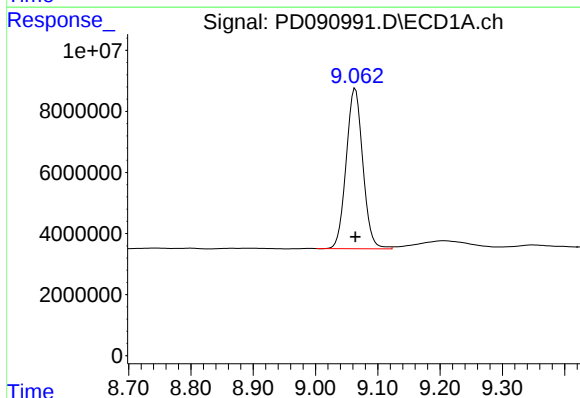
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 63756981
Conc: 20.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



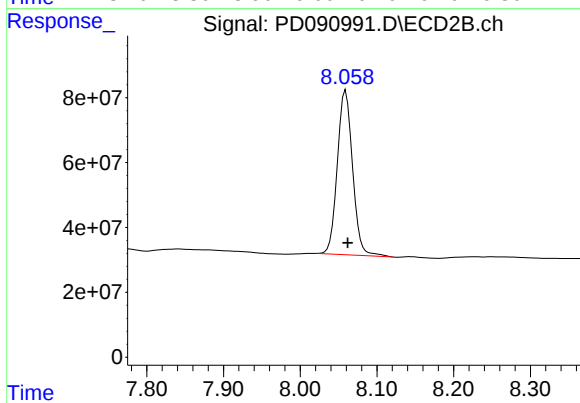
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 632679969
Conc: 21.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 97889066
Conc: 20.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 700507391
Conc: 23.13 ng/ml



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/06/25
Project:	Edison Landfill		Date Received:	11/06/25
Client Sample ID:	PIBLK-PD091012.D		SDG No.:	Q3534
Lab Sample ID:	I.BLK-PD091012.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	Pesticide-TCL
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	11/06/25	pd110625
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/06/25	pd110625
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/06/25	pd110625
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/06/25	pd110625
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/06/25	pd110625
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25	pd110625
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/06/25	pd110625
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/06/25	pd110625
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/06/25	pd110625
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/06/25	pd110625
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/06/25	pd110625
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/06/25	pd110625
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/06/25	pd110625
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/06/25	pd110625
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/06/25	pd110625
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/06/25	pd110625
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/06/25	pd110625
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/06/25	pd110625
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/06/25	pd110625
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/06/25	pd110625
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/06/25	pd110625
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.1			30 (57) - 150 (171)	116%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.4			30 (61) - 150 (148)	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\PD110625\
 Data File : PD091012.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 18:57
 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: Nov 07 00:30:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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	2.874	63133243	638.4E6	20.273	21.439
28)	SA Decachlor...	9.062	8.058	97654098	701.3E6	20.875	23.152

Target Compounds

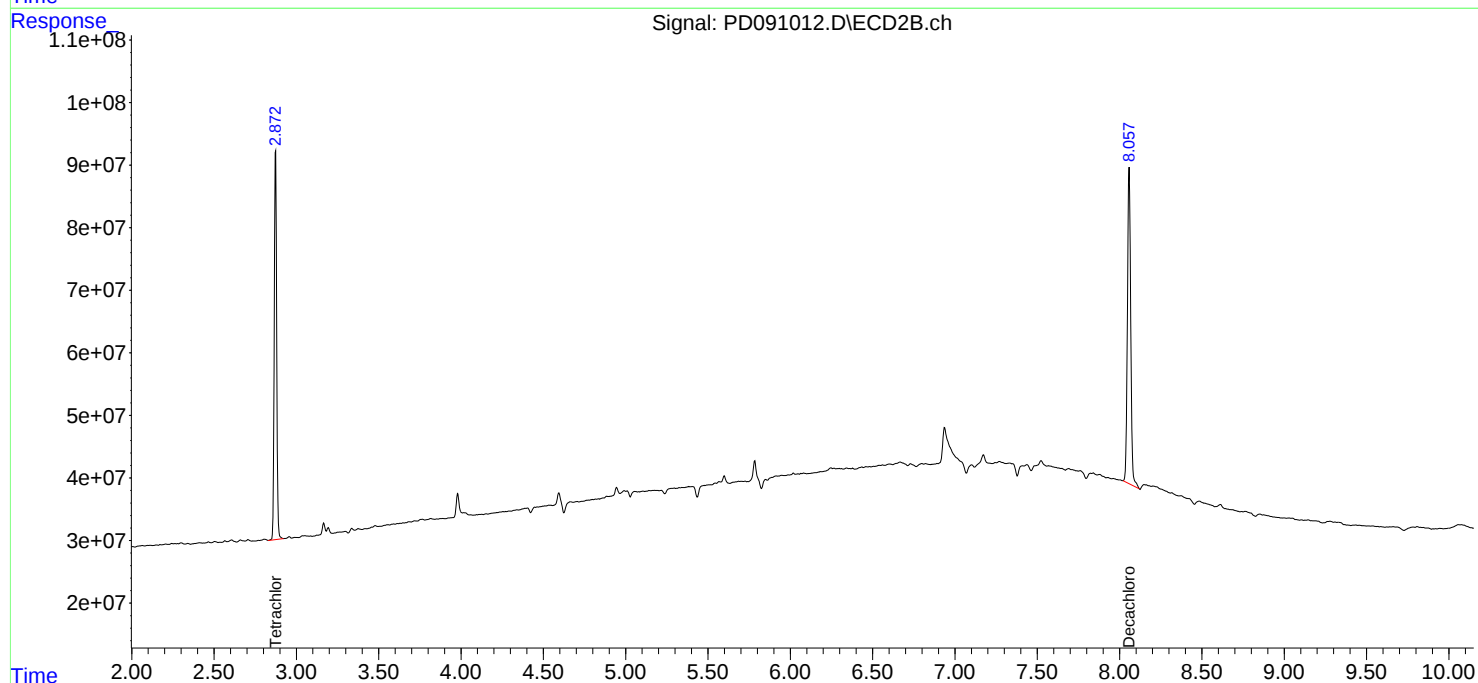
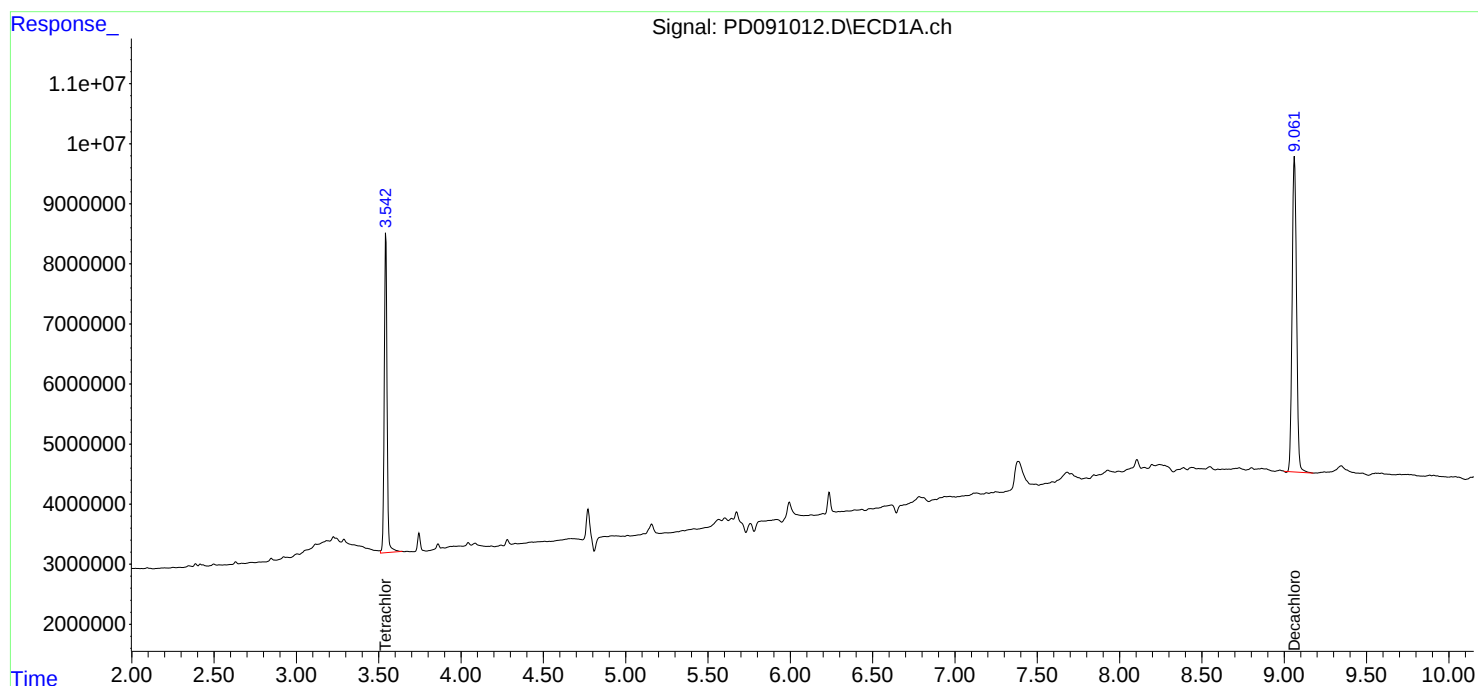
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

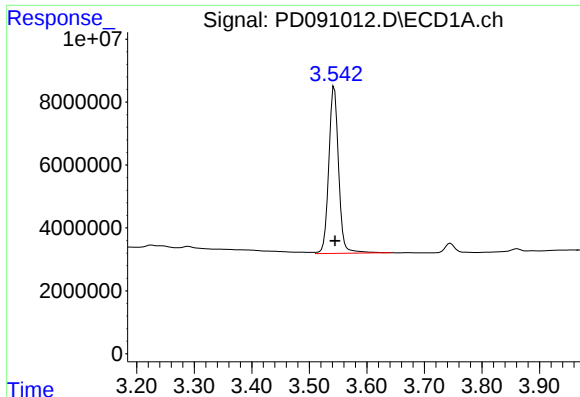
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD091012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 18:57
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:30:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

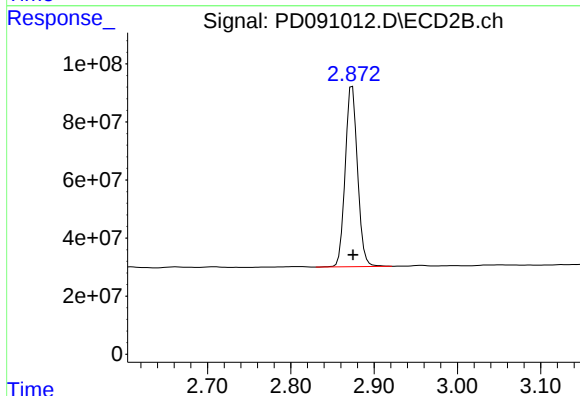




#1 Tetrachloro-m-xylene

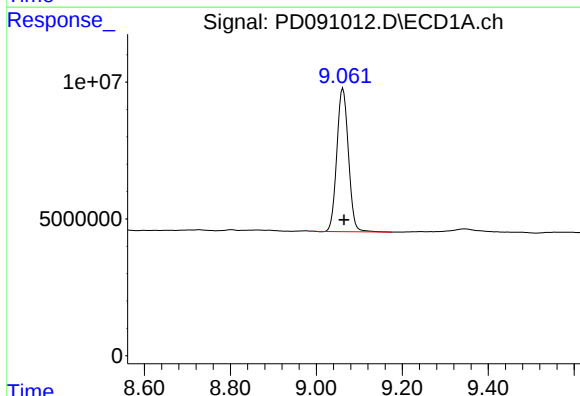
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 63133243
Conc: 20.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



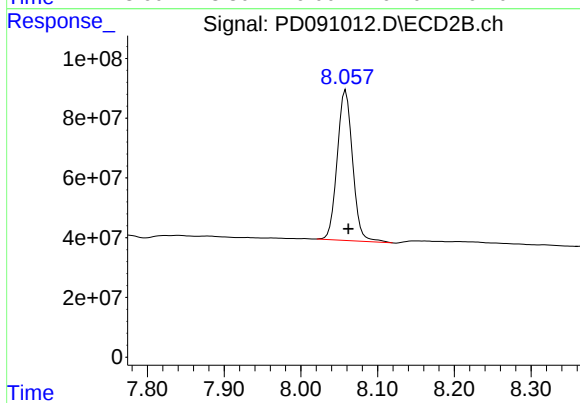
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 638398112
Conc: 21.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 97654098
Conc: 20.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 701314098
Conc: 23.15 ng/ml



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/07/25
Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	PIBLK-PD091015.D		SDG No.:	Q3534
Lab Sample ID:	I.BLK-PD091015.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	Pesticide-TCL
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	11/07/25	pd110725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/07/25	pd110725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/07/25	pd110725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/07/25	pd110725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/07/25	pd110725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/07/25	pd110725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/07/25	pd110725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/07/25	pd110725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/07/25	pd110725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/07/25	pd110725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/07/25	pd110725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/07/25	pd110725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/07/25	pd110725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/07/25	pd110725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/07/25	pd110725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/07/25	pd110725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/07/25	pd110725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/07/25	pd110725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/07/25	pd110725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/07/25	pd110725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/07/25	pd110725
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.2			30 (57) - 150 (171)	126%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.2			30 (61) - 150 (148)	116%	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\PD110725\
Data File : PD091015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 09:43
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: Nov 08 02:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 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	66662167	690.6E6	21.406	23.191
28)	SA Decachlor...	9.064	8.058	105.2E6	764.6E6	22.485	25.242

Target Compounds

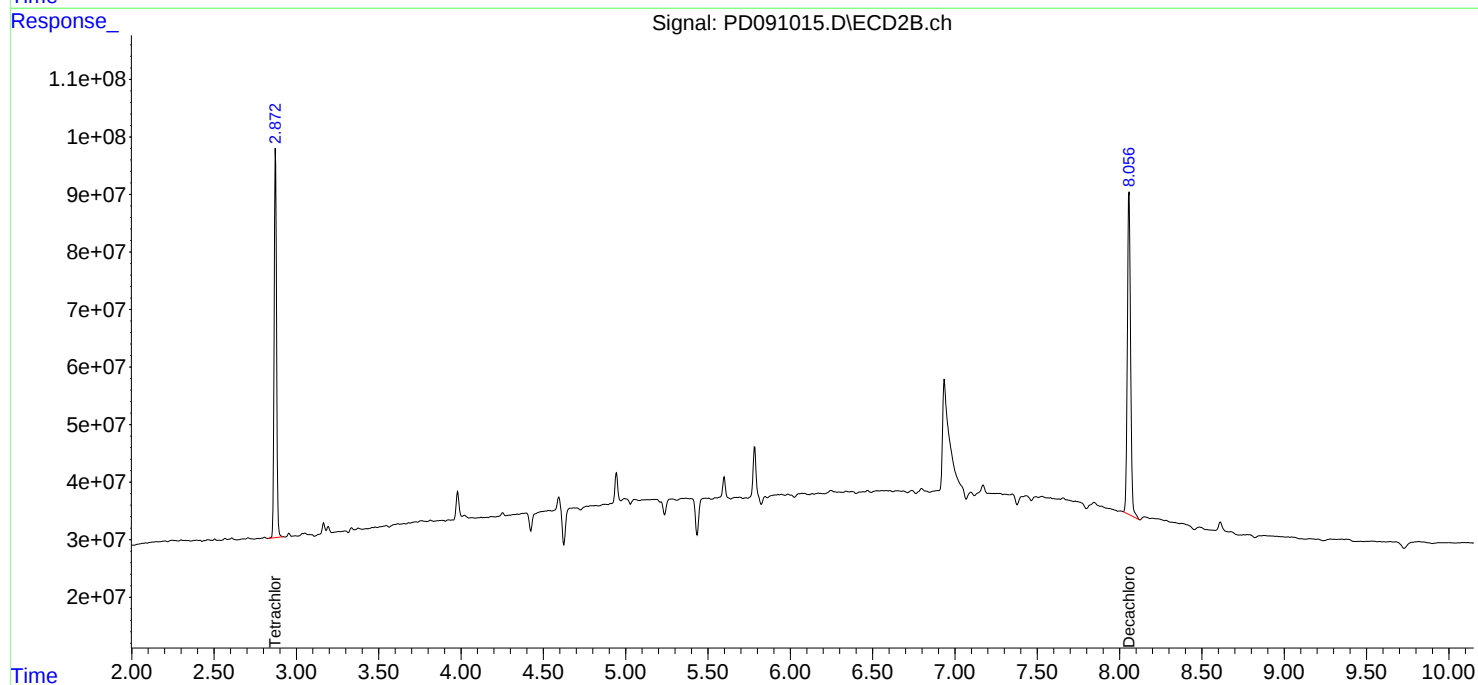
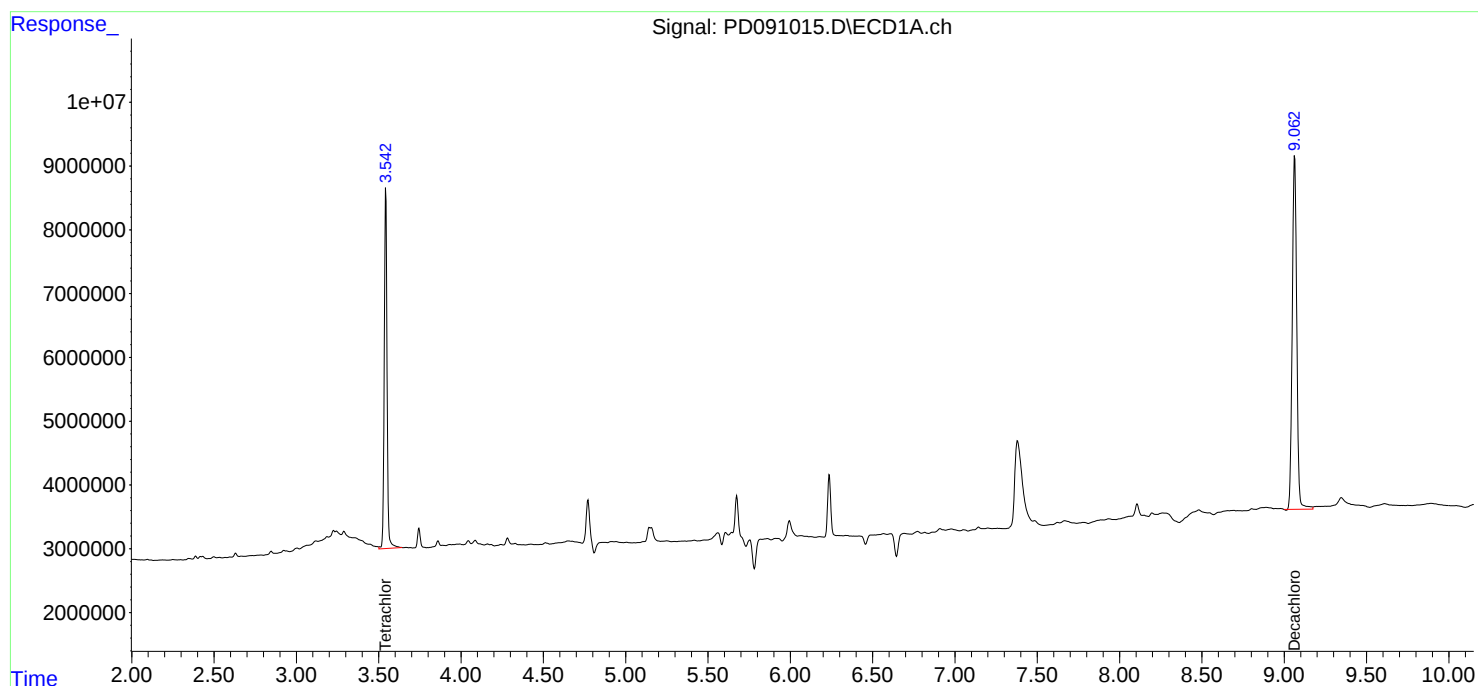
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

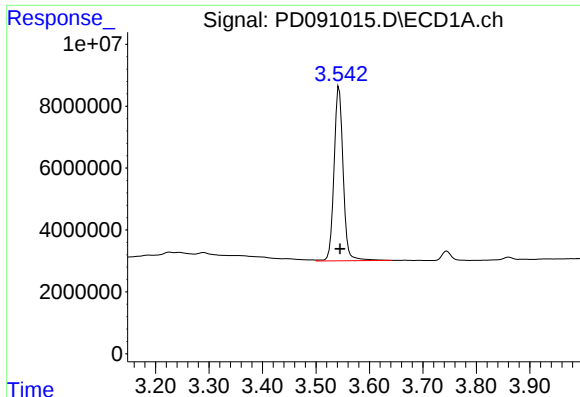
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 09:43
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

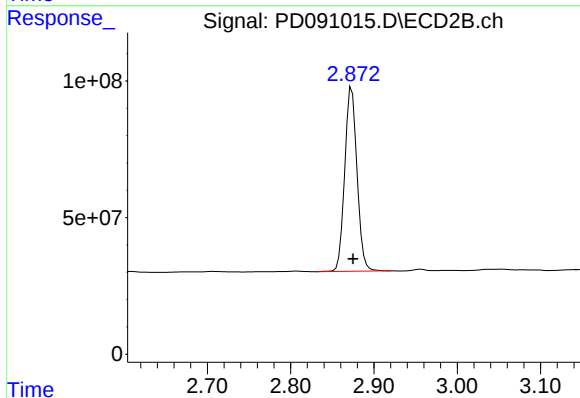




#1 Tetrachloro-m-xylene

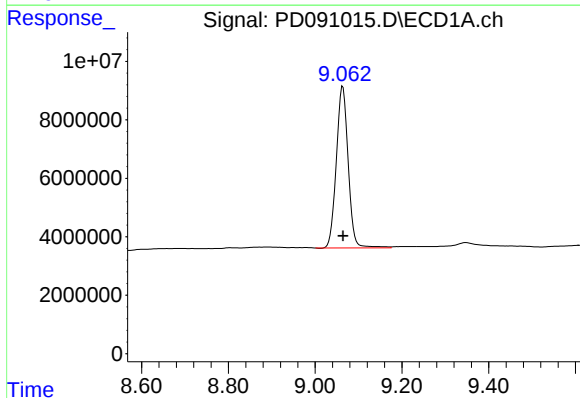
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 66662167
Conc: 21.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



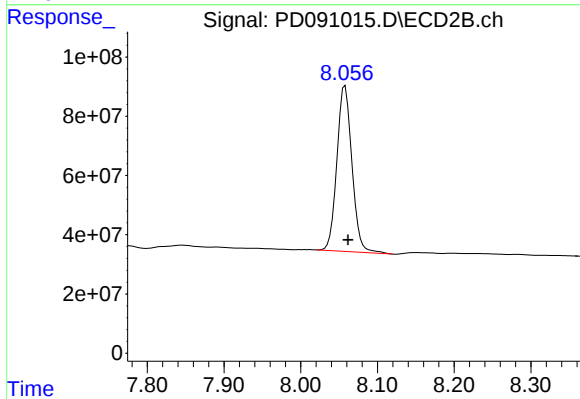
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 690575763
Conc: 23.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 105184220
Conc: 22.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 764603099
Conc: 25.24 ng/ml



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/07/25
Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	PIBLK-PD091025.D		SDG No.:	Q3534
Lab Sample ID:	I.BLK-PD091025.D		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	Pesticide-TCL
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	11/07/25	pd110725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/07/25	pd110725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/07/25	pd110725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/07/25	pd110725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/07/25	pd110725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/07/25	pd110725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/07/25	pd110725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/07/25	pd110725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/07/25	pd110725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/07/25	pd110725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/07/25	pd110725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/07/25	pd110725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/07/25	pd110725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/07/25	pd110725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/07/25	pd110725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/07/25	pd110725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/07/25	pd110725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/07/25	pd110725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/07/25	pd110725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/07/25	pd110725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/07/25	pd110725
SURROGATES									
2051-24-3	Decachlorobiphenyl	27.2			30 (57) - 150 (171)	136%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.7			30 (61) - 150 (148)	119%	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\PD110725\
Data File : PD091025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 13:18
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: Nov 08 02:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 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	68653516	706.8E6	22.046	23.735
28)	SA Decachlor...	9.066	8.059	109.3E6	825.0E6	23.354	27.234

Target Compounds

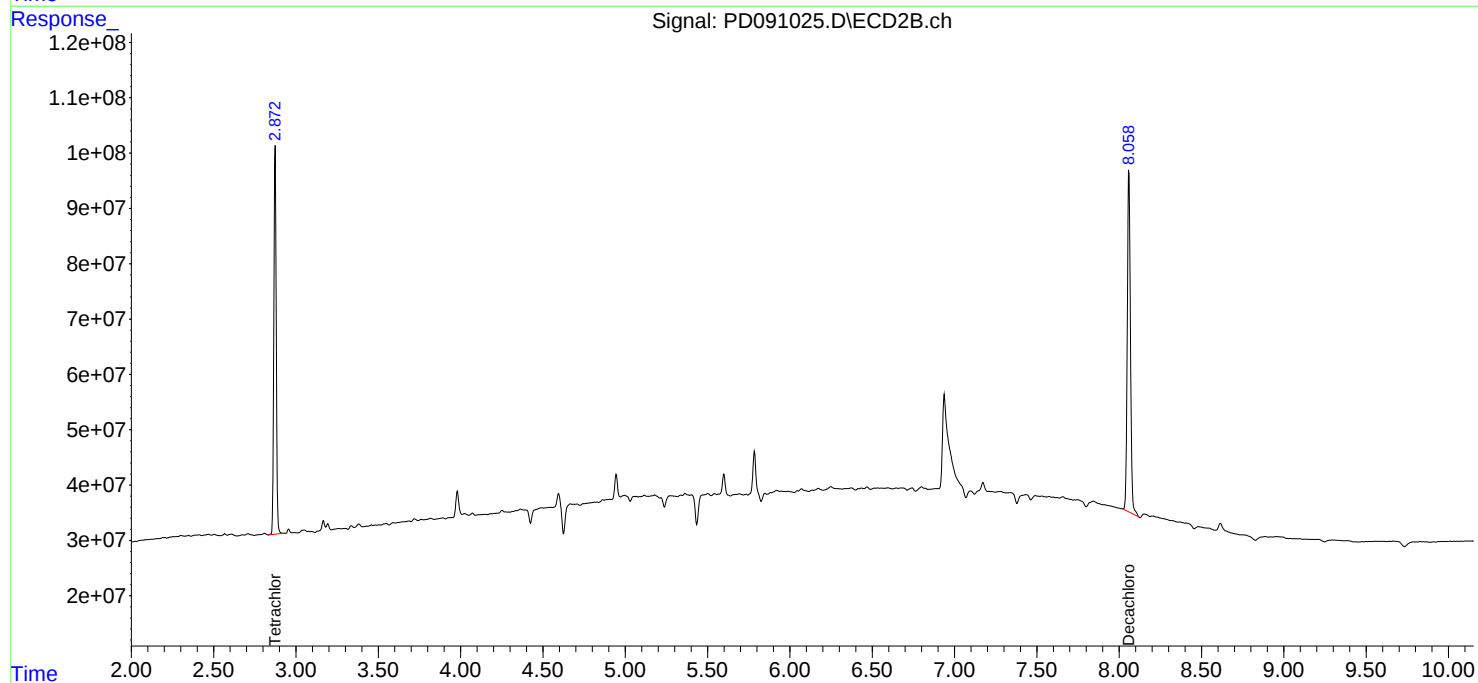
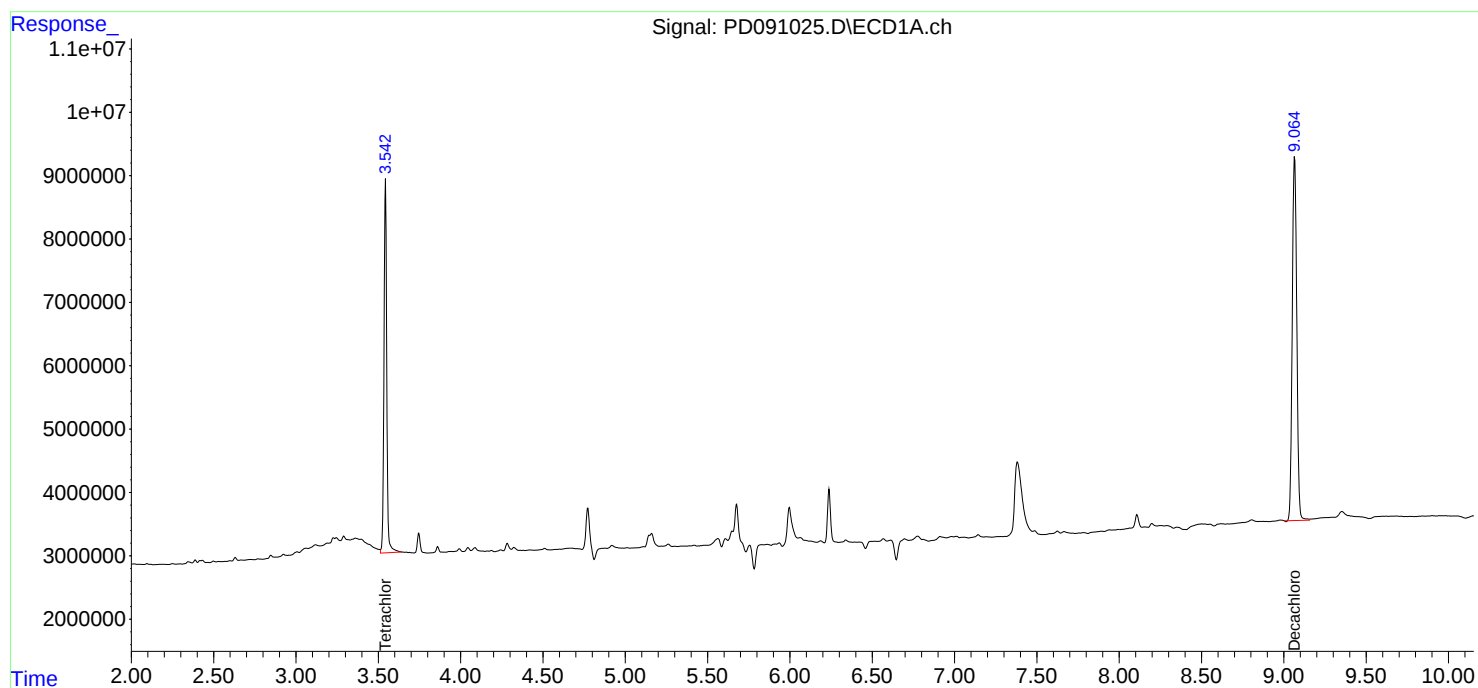
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

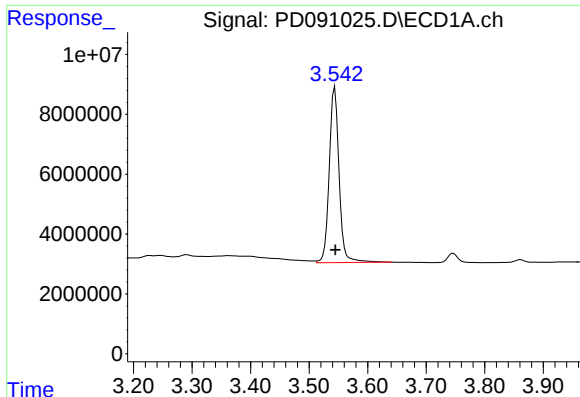
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 13:18
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

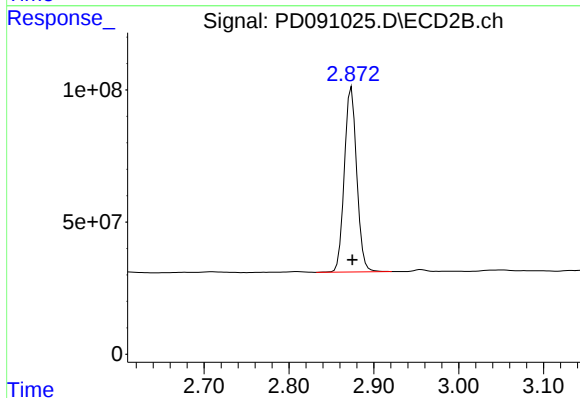




#1 Tetrachloro-m-xylene

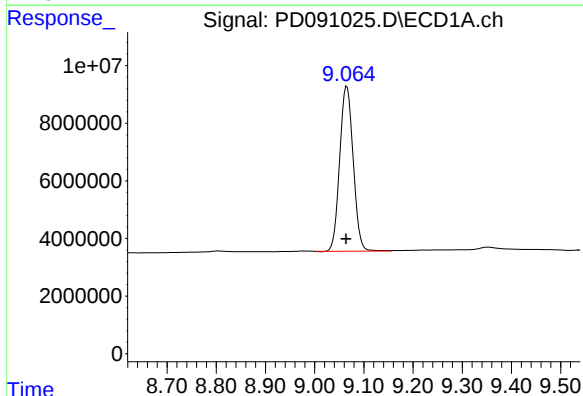
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 68653516
Conc: 22.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



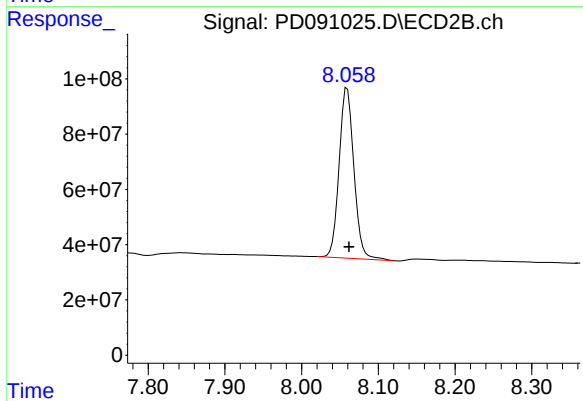
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 706760008
Conc: 23.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.001 min
Response: 109250434
Conc: 23.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 824967511
Conc: 27.23 ng/ml



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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: PB170426BS
Lab Sample ID: PB170426BS
Analytical Method: 8081B
Sample Wt/Vol: 1000 mL Final Vol: 5000 uL
Prep Method: 3510C Prep Date: 11/06/25

Date Collected:
Date Received:
SDG No.: Q3534
Matrix: WATER
% Solid: 0
Test: Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.23		1	0.0020	0.025	ug/L	11/07/25 13:05	PB170426
319-85-7	beta-BHC	0.22		1	0.0025	0.025	ug/L	11/07/25 13:05	PB170426
319-86-8	delta-BHC	0.23		1	0.0055	0.025	ug/L	11/07/25 13:05	PB170426
58-89-9	gamma-BHC (Lindane)	0.23		1	0.0019	0.025	ug/L	11/07/25 13:05	PB170426
76-44-8	Heptachlor	0.27		1	0.0014	0.025	ug/L	11/07/25 13:05	PB170426
309-00-2	Aldrin	0.23		1	0.0018	0.025	ug/L	11/07/25 13:05	PB170426
1024-57-3	Heptachlor epoxide	0.23		1	0.0048	0.025	ug/L	11/07/25 13:05	PB170426
959-98-8	Endosulfan I	0.22		1	0.0016	0.025	ug/L	11/07/25 13:05	PB170426
60-57-1	Dieldrin	0.23		1	0.0018	0.025	ug/L	11/07/25 13:05	PB170426
72-55-9	4,4-DDE	0.23		1	0.0019	0.025	ug/L	11/07/25 13:05	PB170426
72-20-8	Endrin	0.24		1	0.0016	0.025	ug/L	11/07/25 13:05	PB170426
33213-65-9	Endosulfan II	0.23		1	0.0040	0.025	ug/L	11/07/25 13:05	PB170426
72-54-8	4,4-DDD	0.24		1	0.0036	0.025	ug/L	11/07/25 13:05	PB170426
1031-07-8	Endosulfan Sulfate	0.23		1	0.0019	0.025	ug/L	11/07/25 13:05	PB170426
50-29-3	4,4-DDT	0.24		1	0.0018	0.025	ug/L	11/07/25 13:05	PB170426
72-43-5	Methoxychlor	0.24		1	0.0055	0.025	ug/L	11/07/25 13:05	PB170426
53494-70-5	Endrin ketone	0.29		1	0.0046	0.025	ug/L	11/07/25 13:05	PB170426
7421-93-4	Endrin aldehyde	0.24		1	0.0055	0.025	ug/L	11/07/25 13:05	PB170426
5103-71-9	alpha-Chlordane	0.23		1	0.0018	0.025	ug/L	11/07/25 13:05	PB170426
5103-74-2	gamma-Chlordane	0.23		1	0.0020	0.025	ug/L	11/07/25 13:05	PB170426
8001-35-2	Toxaphene	0.085	U	1	0.085	0.50	ug/L	11/07/25 13:05	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	28.9			30 (57) - 150 (171)	144%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	25.6			30 (61) - 150 (148)	128%	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\PD110725\
 Data File : PD091024.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2025 13:05
 Operator : AR\AJ
 Sample : PB170426BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170426BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:45:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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...	3.551	2.873	72781730	762.7E6	23.371	25.613
28)	SA Decachlor...	9.076	8.062	117.7E6	874.5E6	25.160	28.871
Target Compounds							
2)	A alpha-BHC	4.001	3.385	313.5E6	2331.2E6	43.674	45.625
3)	MA gamma-BHC...	4.332	3.721	292.3E6	2144.7E6	42.996	45.391
4)	MA Heptachlor	4.930	4.073	296.8E6	2110.0E6	53.097	47.306
5)	MB Aldrin	5.271	4.359	285.8E6	2107.9E6	43.659	45.509
6)	B beta-BHC	4.519	4.018	110.1E6	885.8E6	42.027	44.672
7)	B delta-BHC	4.768	4.254	296.0E6	2161.7E6	43.780	45.304
8)	B Heptachlo...	5.692	4.863	262.5E6	1901.3E6	45.352	44.590
9)	A Endosulfan I	6.076	5.237	242.6E6	1630.1E6	43.818	41.384
10)	B gamma-Chl...	5.947	5.115	257.4E6	2034.6E6	43.406	45.264
11)	B alpha-Chl...	6.028	5.180	258.0E6	1948.0E6	41.738	45.157
12)	B 4,4'-DDE	6.198	5.363	225.6E6	1979.9E6	42.347	45.164m
13)	MA Dieldrin	6.348	5.503	257.9E6	2026.9E6	44.230	45.874
14)	MA Endrin	6.576	5.780	217.2E6	1959.0E6	43.840	48.377
15)	B Endosulfa...	6.787	6.071	222.9E6	1738.4E6	44.576m	46.289
16)	A 4,4'-DDD	6.707	5.919	187.2E6	1721.9E6	46.173m	47.255
17)	MA 4,4'-DDT	7.024	6.173	195.9E6	1692.0E6	47.653	48.243
18)	B Endrin al...	6.917	6.250	163.6E6	1328.2E6	44.673m	47.962
19)	B Endosulfa...	7.153	6.473	204.6E6	1682.3E6	44.110	46.934
20)	A Methoxychlor	7.497	6.744	103.9E6	842.2E6	48.897	48.326
21)	B Endrin ke...	7.634	6.981	227.6E6	2154.0E6	46.850	57.107m
22)	Mirex	8.116	7.175	140.7E6	1228.0E6	43.965	47.799

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 13:05
Operator : AR\AJ
Sample : PB170426BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170426BS

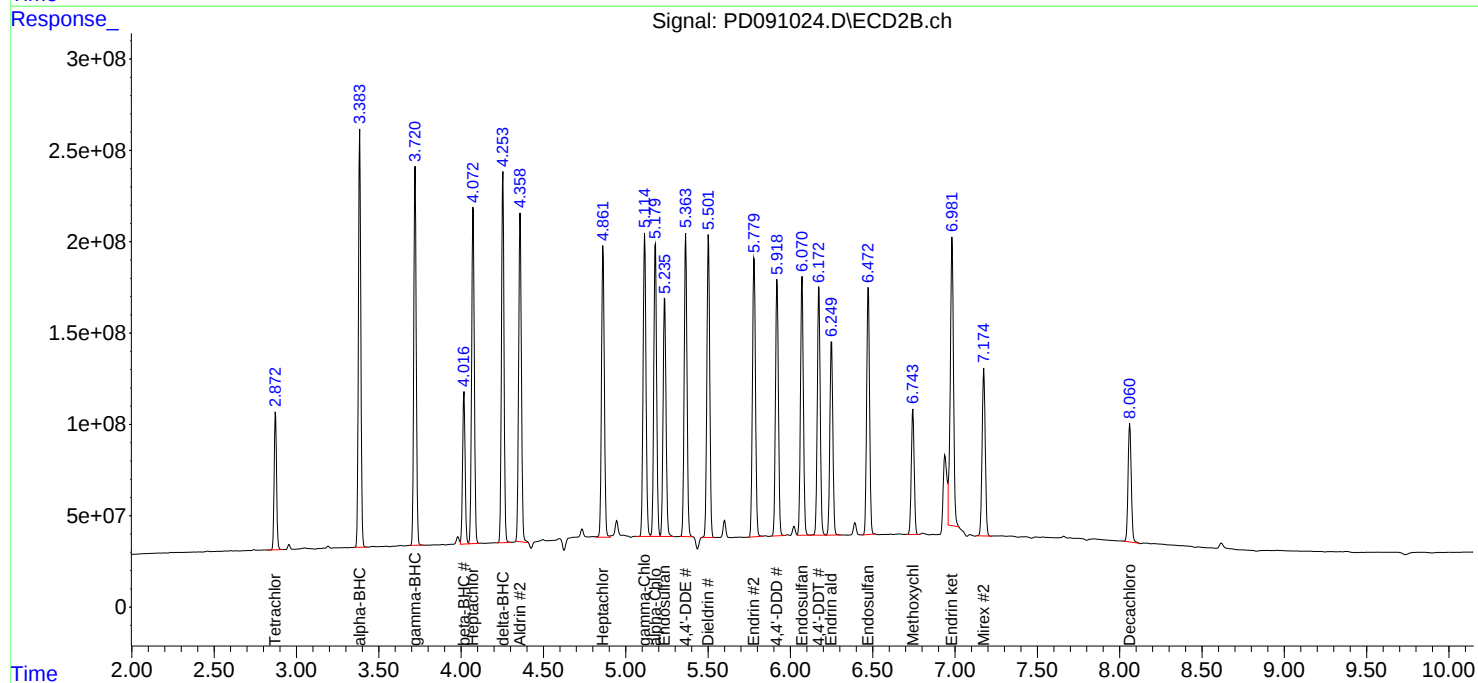
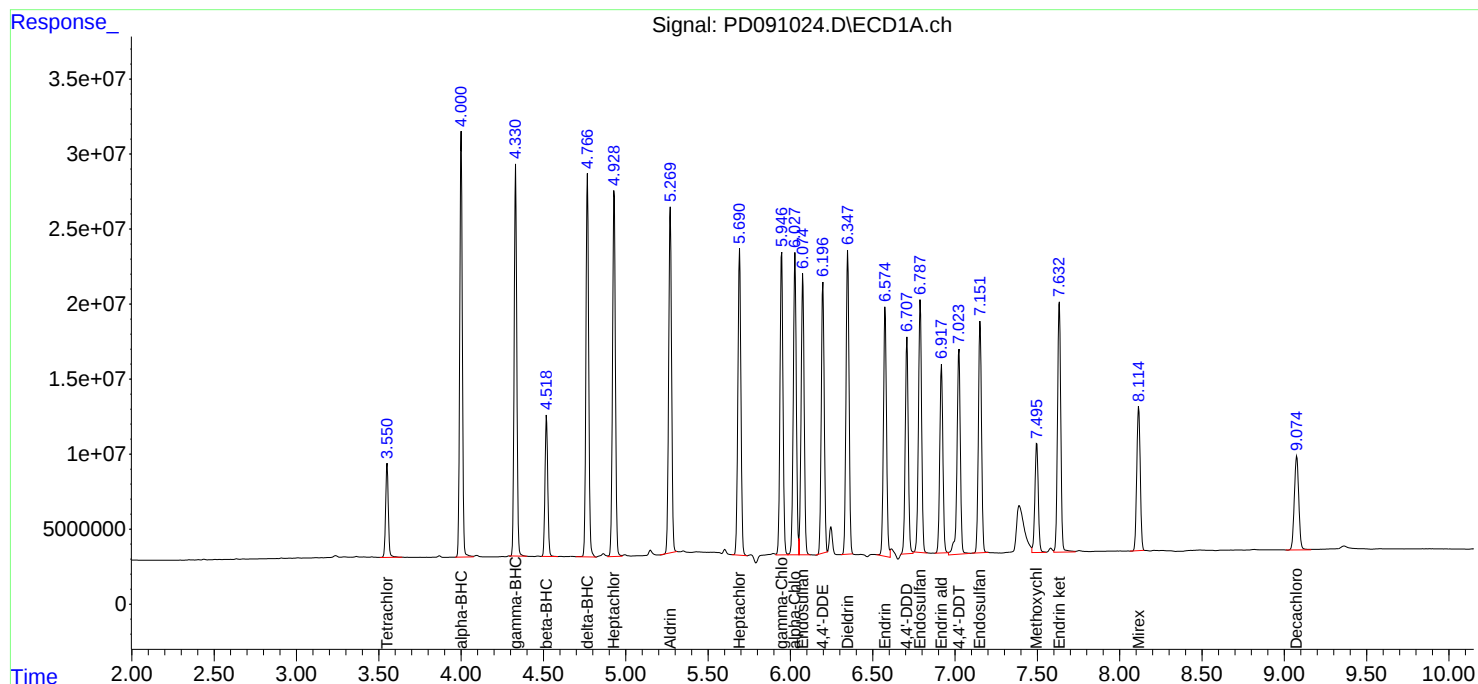
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:45:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: PB170426BSD
Lab Sample ID: PB170426BSD
Analytical Method: 8081B
Sample Wt/Vol: 1000 mL Final Vol: 5000 uL
Prep Method: 3510C Prep Date: 11/06/25

Date Collected:
Date Received:
SDG No.: Q3534
Matrix: WATER
% Solid: 0
Test: Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.22		1	0.0020	0.025	ug/L	11/07/25 11:34	PB170426
319-85-7	beta-BHC	0.22		1	0.0025	0.025	ug/L	11/07/25 11:34	PB170426
319-86-8	delta-BHC	0.22		1	0.0055	0.025	ug/L	11/07/25 11:34	PB170426
58-89-9	gamma-BHC (Lindane)	0.22		1	0.0019	0.025	ug/L	11/07/25 11:34	PB170426
76-44-8	Heptachlor	0.26		1	0.0014	0.025	ug/L	11/07/25 11:34	PB170426
309-00-2	Aldrin	0.22		1	0.0018	0.025	ug/L	11/07/25 11:34	PB170426
1024-57-3	Heptachlor epoxide	0.22		1	0.0048	0.025	ug/L	11/07/25 11:34	PB170426
959-98-8	Endosulfan I	0.22		1	0.0016	0.025	ug/L	11/07/25 11:34	PB170426
60-57-1	Dieldrin	0.22		1	0.0018	0.025	ug/L	11/07/25 11:34	PB170426
72-55-9	4,4-DDE	0.22		1	0.0019	0.025	ug/L	11/07/25 11:34	PB170426
72-20-8	Endrin	0.23		1	0.0016	0.025	ug/L	11/07/25 11:34	PB170426
33213-65-9	Endosulfan II	0.22		1	0.0040	0.025	ug/L	11/07/25 11:34	PB170426
72-54-8	4,4-DDD	0.23		1	0.0036	0.025	ug/L	11/07/25 11:34	PB170426
1031-07-8	Endosulfan Sulfate	0.22		1	0.0019	0.025	ug/L	11/07/25 11:34	PB170426
50-29-3	4,4-DDT	0.24		1	0.0018	0.025	ug/L	11/07/25 11:34	PB170426
72-43-5	Methoxychlor	0.24		1	0.0055	0.025	ug/L	11/07/25 11:34	PB170426
53494-70-5	Endrin ketone	0.28		1	0.0046	0.025	ug/L	11/07/25 11:34	PB170426
7421-93-4	Endrin aldehyde	0.23		1	0.0055	0.025	ug/L	11/07/25 11:34	PB170426
5103-71-9	alpha-Chlordane	0.22		1	0.0018	0.025	ug/L	11/07/25 11:34	PB170426
5103-74-2	gamma-Chlordane	0.22		1	0.0020	0.025	ug/L	11/07/25 11:34	PB170426
8001-35-2	Toxaphene	0.085	U	1	0.085	0.50	ug/L	11/07/25 11:34	PB170426
SURROGATES									
2051-24-3	Decachlorobiphenyl	28.0			30 (57) - 150 (171)	140%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	25.3			30 (61) - 150 (148)	126%	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\PD110725\
 Data File : PD091023.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2025 12:39
 Operator : AR\AJ
 Sample : PB170426BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170426BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 02:44:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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 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...	3.551	2.872	71759700	752.0E6	23.043	25.254
28)	SA Decachlor...	9.077	8.062	115.3E6	848.5E6	24.645	28.012
Target Compounds							
2)	A alpha-BHC	4.002	3.385	311.2E6	2280.1E6	43.365	44.625
3)	MA gamma-BHC...	4.333	3.721	287.4E6	2087.6E6	42.266	44.184
4)	MA Heptachlor	4.931	4.073	293.1E6	2048.3E6	52.440	45.923
5)	MB Aldrin	5.272	4.359	277.5E6	2039.4E6	42.389	44.029
6)	B beta-BHC	4.521	4.017	108.9E6	860.9E6	41.577	43.415
7)	B delta-BHC	4.769	4.254	293.7E6	2086.5E6	43.430	43.727
8)	B Heptachlo...	5.691	4.863	259.0E6	1841.6E6	44.731m	43.190
9)	A Endosulfan I	6.077	5.237	239.5E6	1576.1E6	43.262	40.011
10)	B gamma-Chl...	5.948	5.116	253.6E6	1951.3E6	42.756	43.412
11)	B alpha-Chl...	6.029	5.181	257.4E6	1867.5E6	41.654	43.292
12)	B 4,4'-DDE	6.199	5.365	223.2E6	1956.3E6	41.897	44.627
13)	MA Dieldrin	6.349	5.503	254.9E6	1948.3E6	43.710	44.095
14)	MA Endrin	6.577	5.780	214.7E6	1878.8E6	43.348	46.396
15)	B Endosulfa...	6.788	6.072	222.3E6	1668.8E6	44.451m	44.436
16)	A 4,4'-DDD	6.707	5.920	187.2E6	1652.9E6	46.175m	45.362
17)	MA 4,4'-DDT	7.025	6.174	195.2E6	1632.6E6	47.488	46.550
18)	B Endrin al...	6.917	6.250	161.0E6	1276.4E6	43.962m	46.091
19)	B Endosulfa...	7.153	6.474	202.6E6	1610.3E6	43.685	44.925
20)	A Methoxychlor	7.497	6.745	103.3E6	806.9E6	48.612	46.302
21)	B Endrin ke...	7.634	6.981	224.2E6	2102.5E6	46.138	55.744m
22)	Mirex	8.116	7.175	140.4E6	1176.4E6	43.875	45.791

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 12:39
Operator : AR\AJ
Sample : PB170426BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170426BSD

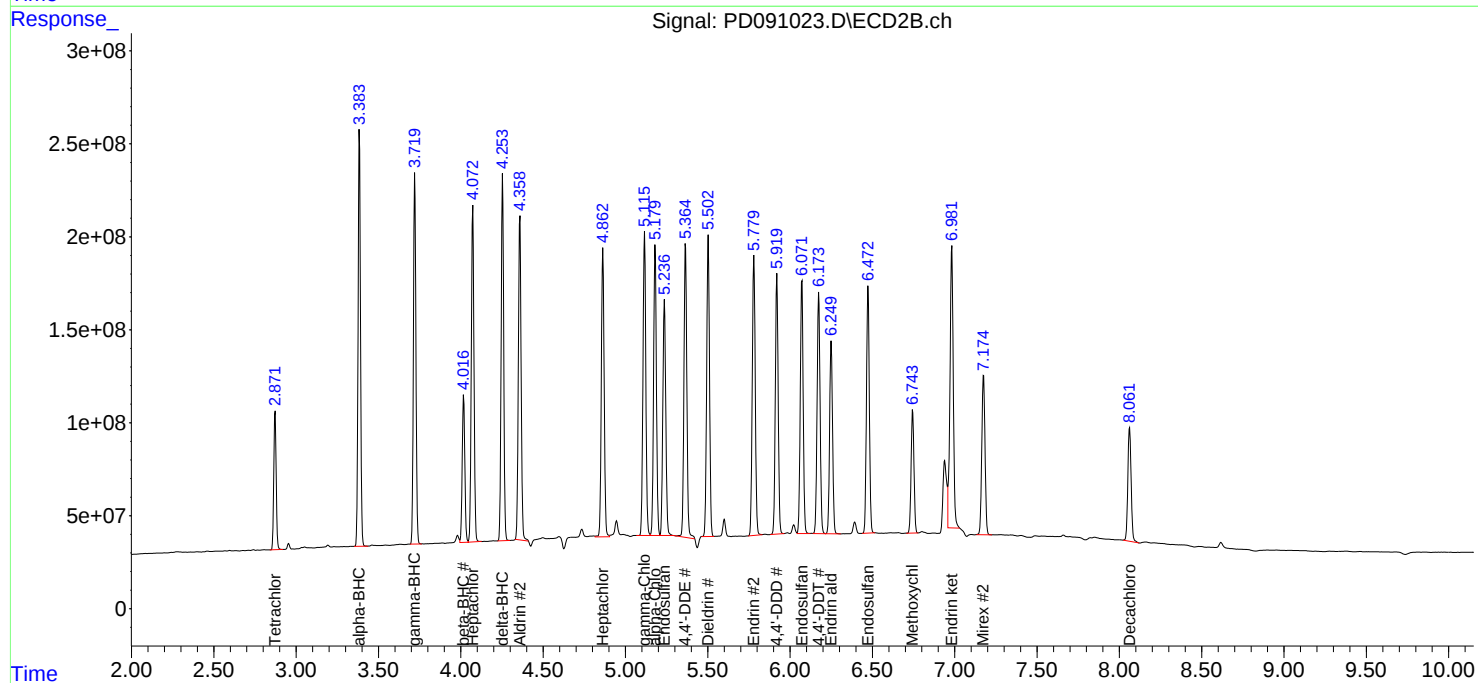
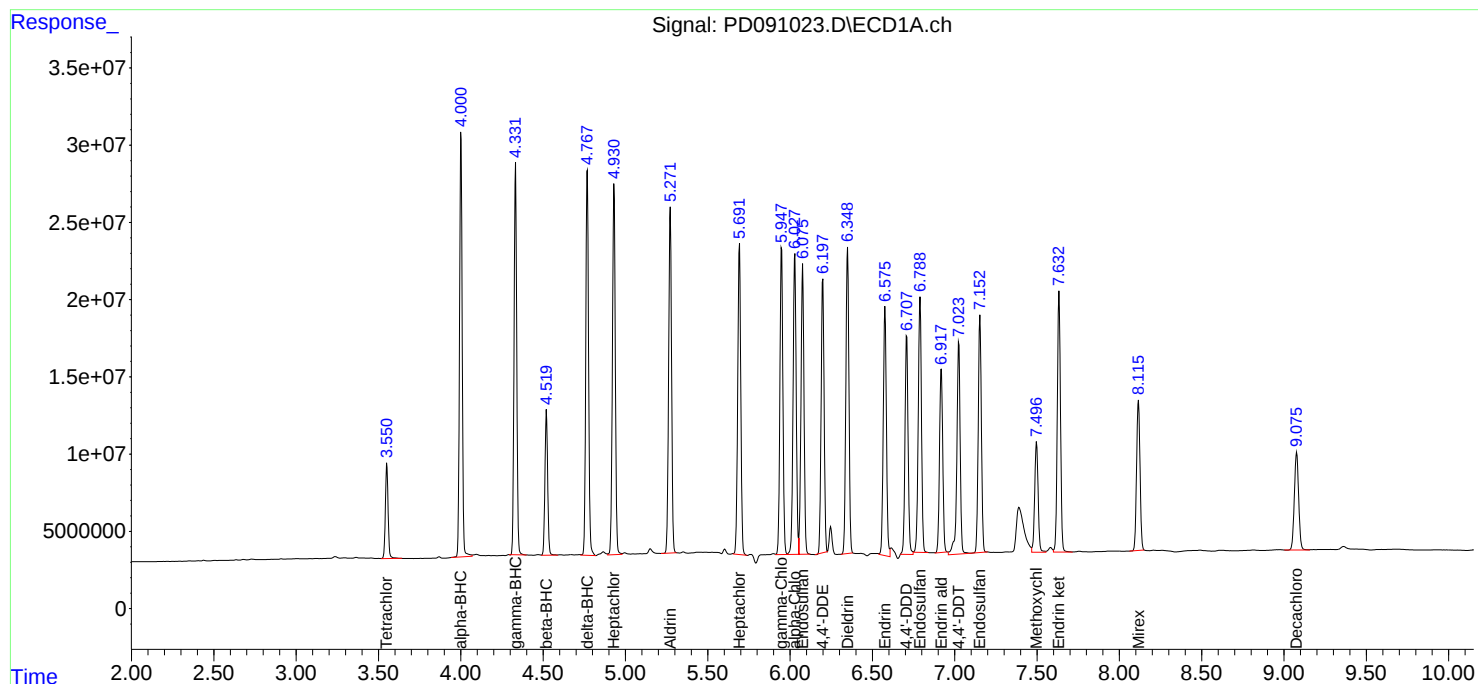
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 02:44:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	pd101725	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090648.D	Endrin aldehyde	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090648.D	Endrin ketone #2	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
RESCHK	PD090649.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:20:37 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	alpha-Chlordane	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Endrin ketone	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PTOXICV500	PD090667.D	Toxaphene-5 #2	Abdul	10/21/2025 8:49:16 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD #2	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	Endrin aldehyde	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software

Manual Integration Report

Sequence:

pd110625

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090992.D	Endrin aldehyde	rahul	11/7/2025 10:35:08 AM	yogesh	11/7/2025 10:55:22	Peak Integrated by Software
PSTDCCC050	PD090992.D	Endrin ketone #2	rahul	11/7/2025 10:35:08 AM	yogesh	11/7/2025 10:55:22	Peak Integrated by Software
PSTDCCC050	PD090982.D	Heptachlor epoxide	rahul	11/7/2025 10:34:45 AM	yogesh	11/7/2025 10:55:00	Peak Integrated by Software
Q3534-01	PD090996.D	Decachlorobiphenyl	rahul	11/7/2025 10:35:16 AM	yogesh	11/7/2025 10:55:29	Peak Integrated by Software
Q3534-01	PD090996.D	Decachlorobiphenyl #2	rahul	11/7/2025 10:35:16 AM	yogesh	11/7/2025 10:55:29	Peak Integrated by Software
Q3534-01	PD090996.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:35:16 AM	yogesh	11/7/2025 10:55:29	Peak Integrated by Software
Q3534-01	PD090996.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:35:16 AM	yogesh	11/7/2025 10:55:29	Peak Integrated by Software
Q3534-05	PD091000.D	Decachlorobiphenyl	rahul	11/7/2025 10:35:24 AM	yogesh	11/7/2025 10:55:36	Peak Integrated by Software
Q3534-05	PD091000.D	Decachlorobiphenyl #2	rahul	11/7/2025 10:35:24 AM	yogesh	11/7/2025 10:55:36	Peak Integrated by Software
Q3534-05	PD091000.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:35:24 AM	yogesh	11/7/2025 10:55:36	Peak Integrated by Software
Q3534-02	PD090997.D	Decachlorobiphenyl #2	rahul	11/7/2025 10:35:19 AM	yogesh	11/7/2025 10:55:31	Peak Integrated by Software
Q3534-02	PD090997.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:35:19 AM	yogesh	11/7/2025 10:55:31	Peak Integrated by Software
Q3534-04	PD090999.D	beta-BHC #2	rahul	11/7/2025 10:35:21 AM	yogesh	11/7/2025 10:55:34	Peak Integrated by Software

Manual Integration Report

Sequence:	pd110625	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3534-04	PD090999.D	Tetrachloro-m-xylene	rahul	11/7/2025 10:35:21 AM	yogesh	11/7/2025 10:55:34	Peak Integrated by Software
Q3534-04	PD090999.D	Tetrachloro-m-xylene #2	rahul	11/7/2025 10:35:21 AM	yogesh	11/7/2025 10:55:34	Peak Integrated by Software
PSTDCCC050	PD091013.D	Endrin ketone #2	rahul	11/7/2025 10:35:51 AM	yogesh	11/7/2025 10:56:04	Peak Integrated by Software

Manual Integration Report

Sequence:	pd110725	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD091016.D	Endrin aldehyde	rahul	11/10/2025 8:41:50 AM	yogesh	11/10/2025 8:44:31	Peak Integrated by Software
PSTDCCC050	PD091017.D	Endrin ketone #2	rahul	11/10/2025 8:41:54 AM	yogesh	11/10/2025 8:44:38	Peak Integrated by Software
PSTDCCC050	PD091017.D	Heptachlor	rahul	11/10/2025 8:41:54 AM	yogesh	11/10/2025 8:44:38	Peak Integrated by Software
Q3534-06	PD091019.D	Decachlorobiphenyl	rahul	11/10/2025 8:41:56 AM	yogesh	11/10/2025 8:44:39	Peak Integrated by Software
Q3534-06	PD091019.D	Tetrachloro-m-xylene	rahul	11/10/2025 8:41:56 AM	yogesh	11/10/2025 8:44:39	Peak Integrated by Software
Q3534-06	PD091019.D	Tetrachloro-m-xylene #2	rahul	11/10/2025 8:41:56 AM	yogesh	11/10/2025 8:44:39	Peak Integrated by Software
Q3534-07	PD091020.D	Tetrachloro-m-xylene	rahul	11/10/2025 8:41:58 AM	yogesh	11/10/2025 8:44:42	Peak Integrated by Software
Q3534-07	PD091020.D	Tetrachloro-m-xylene #2	rahul	11/10/2025 8:41:58 AM	yogesh	11/10/2025 8:44:42	Peak Integrated by Software
Q3534-05DL	PD091021.D	Decachlorobiphenyl	rahul	11/10/2025 8:42:01 AM	yogesh	11/10/2025 8:44:43	Peak Integrated by Software
Q3534-05DL	PD091021.D	Decachlorobiphenyl #2	rahul	11/10/2025 8:42:01 AM	yogesh	11/10/2025 8:44:43	Peak Integrated by Software
Q3534-05DL	PD091021.D	Tetrachloro-m-xylene #2	rahul	11/10/2025 8:42:01 AM	yogesh	11/10/2025 8:44:43	Peak Integrated by Software
PB170426BSD	PD091023.D	4,4"-DDD	rahul	11/10/2025 8:42:08 AM	yogesh	11/10/2025 8:44:50	Peak Integrated by Software
PB170426BSD	PD091023.D	Endosulfan II	rahul	11/10/2025 8:42:08 AM	yogesh	11/10/2025 8:44:50	Peak Integrated by Software

Manual Integration Report

Sequence:	pd110725	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170426BSD	PD091023.D	Endrin aldehyde	rahul	11/10/2025 8:42:08 AM	yogesh	11/10/2025 8:44:50	Peak Integrated by Software
PB170426BSD	PD091023.D	Endrin ketone #2	rahul	11/10/2025 8:42:08 AM	yogesh	11/10/2025 8:44:50	Peak Integrated by Software
PB170426BSD	PD091023.D	Heptachlor epoxide	rahul	11/10/2025 8:42:08 AM	yogesh	11/10/2025 8:44:50	Peak Integrated by Software
PB170426BS	PD091024.D	4,4"-DDD	rahul	11/10/2025 8:42:11 AM	yogesh	11/10/2025 8:44:52	Peak Integrated by Software
PB170426BS	PD091024.D	4,4"-DDE #2	rahul	11/10/2025 8:42:11 AM	yogesh	11/10/2025 8:44:52	Peak Integrated by Software
PB170426BS	PD091024.D	Endosulfan II	rahul	11/10/2025 8:42:11 AM	yogesh	11/10/2025 8:44:52	Peak Integrated by Software
PB170426BS	PD091024.D	Endrin aldehyde	rahul	11/10/2025 8:42:11 AM	yogesh	11/10/2025 8:44:52	Peak Integrated by Software
PB170426BS	PD091024.D	Endrin ketone #2	rahul	11/10/2025 8:42:11 AM	yogesh	11/10/2025 8:44:52	Peak Integrated by Software
PSTDCCC050	PD091026.D	4,4"-DDE #2	rahul	11/10/2025 8:42:13 AM	yogesh	11/10/2025 8:44:54	Peak Integrated by Software
PSTDCCC050	PD091026.D	Endosulfan II	rahul	11/10/2025 8:42:13 AM	yogesh	11/10/2025 8:44:54	Peak Integrated by Software
PSTDCCC050	PD091026.D	Endrin aldehyde	rahul	11/10/2025 8:42:13 AM	yogesh	11/10/2025 8:44:54	Peak Integrated by Software
PSTDCCC050	PD091026.D	Endrin ketone #2	rahul	11/10/2025 8:42:13 AM	yogesh	11/10/2025 8:44:54	Peak Integrated by Software
I.BLK	PD091031.D	Decachlorobiphenyl	rahul	11/10/2025 1:08:05 PM	yogesh	11/10/2025 1:50:50	Peak Integrated by Software

Manual Integration Report

Sequence:

pd110725

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PD091031.D	Tetrachloro-m-xylene	rahul	11/10/2025 1:08:05 PM	yogesh	11/10/2025 1:50:50	Peak Integrated by Software
PSTDCCC050	PD091032.D	Endrin ketone #2	rahul	11/10/2025 1:08:08 PM	yogesh	11/10/2025 1:50:51	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 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#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090646.D	17 Oct 2025 10:40	AR\AJ	Ok
2	I.BLK	PD090647.D	17 Oct 2025 10:53	AR\AJ	Ok
3	PEM	PD090648.D	17 Oct 2025 11:07	AR\AJ	Ok,M
4	RESCHK	PD090649.D	17 Oct 2025 11:20	AR\AJ	Ok,M
5	PSTDICC100	PD090650.D	17 Oct 2025 11:34	AR\AJ	Ok
6	PSTDICC075	PD090651.D	17 Oct 2025 11:48	AR\AJ	Ok
7	PSTDICC050	PD090652.D	17 Oct 2025 12:01	AR\AJ	Ok
8	PSTDICC025	PD090653.D	17 Oct 2025 12:15	AR\AJ	Ok
9	PSTDICC005	PD090654.D	17 Oct 2025 12:28	AR\AJ	Ok,M
10	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42	AR\AJ	Ok
11	PCHLORICC750	PD090656.D	17 Oct 2025 12:56	AR\AJ	Ok
12	PCHLORICC500	PD090657.D	17 Oct 2025 13:09	AR\AJ	Ok
13	PCHLORICC250	PD090658.D	17 Oct 2025 13:23	AR\AJ	Ok
14	PCHLORICC050	PD090659.D	17 Oct 2025 13:36	AR\AJ	Ok,M
15	PTOXICC1000	PD090660.D	17 Oct 2025 13:50	AR\AJ	Ok
16	PTOXICC750	PD090661.D	17 Oct 2025 14:03	AR\AJ	Ok
17	PTOXICC500	PD090662.D	17 Oct 2025 14:17	AR\AJ	Ok
18	PTOXICC250	PD090663.D	17 Oct 2025 14:30	AR\AJ	Ok
19	PTOXICC100	PD090664.D	17 Oct 2025 16:18	AR\AJ	Ok
20	PSTDICV050	PD090665.D	17 Oct 2025 16:46	AR\AJ	Ok
21	PCHLORICV500	PD090666.D	17 Oct 2025 17:50	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 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	PTOXICV500	PD090667.D	17 Oct 2025 18:42	AR\AJ	Ok,M
23	I.BLK	PD090668.D	17 Oct 2025 19:50	AR\AJ	Ok
24	PEM	PD090669.D	17 Oct 2025 20:04	AR\AJ	Ok,M
25	PSTDCCC050	PD090670.D	17 Oct 2025 20:18	AR\AJ	Ok
26	PB170142BL	PD090671.D	17 Oct 2025 20:31	AR\AJ	Ok
27	PB170142BS	PD090672.D	17 Oct 2025 20:45	AR\AJ	Ok
28	Q3366-01	PD090673.D	17 Oct 2025 20:59	AR\AJ	Ok,M
29	Q3366-03	PD090674.D	17 Oct 2025 21:12	AR\AJ	Ok,M
30	Q3367-01	PD090675.D	17 Oct 2025 21:26	AR\AJ	Ok,M
31	Q3369-01	PD090676.D	17 Oct 2025 21:40	AR\AJ	Ok,M
32	Q3369-05	PD090677.D	17 Oct 2025 21:53	AR\AJ	Ok,M
33	Q3363-01	PD090678.D	17 Oct 2025 22:48	AR\AJ	Ok,M
34	Q3363-02	PD090679.D	17 Oct 2025 23:02	AR\AJ	Ok,M
35	Q3363-03	PD090680.D	17 Oct 2025 23:15	AR\AJ	Ok,M
36	Q3363-04	PD090681.D	17 Oct 2025 23:29	AR\AJ	Ok,M
37	Q3363-04MS	PD090682.D	17 Oct 2025 23:43	AR\AJ	Ok,M
38	Q3363-04MSD	PD090683.D	17 Oct 2025 23:56	AR\AJ	Ok,M
39	Q3363-05	PD090684.D	18 Oct 2025 00:10	AR\AJ	Ok,M
40	Q3343-04MS	PD090685.D	18 Oct 2025 00:24	AR\AJ	Ok,M
41	Q3343-04MSD	PD090686.D	18 Oct 2025 00:37	AR\AJ	Ok
42	I.BLK	PD090687.D	18 Oct 2025 00:51	AR\AJ	Ok
43	PSTDCCC050	PD090688.D	18 Oct 2025 02:13	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110625

Review By	rahul	Review On	11/6/2025 3:57:17 PM
Supervise By	yogesh	Supervise On	11/7/2025 10:56:34 AM
SubDirectory	PD110625	HP Acquire Method	HP Processing Method PD101725 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	PD090979.D	06 Nov 2025 09:07	AR\AJ	Ok
2	I.BLK	PD090980.D	06 Nov 2025 09:20	AR\AJ	Ok
3	PEM	PD090981.D	06 Nov 2025 09:34	AR\AJ	Ok
4	PSTDCCC050	PD090982.D	06 Nov 2025 10:32	AR\AJ	Ok,M
5	PB170371BS	PD090983.D	06 Nov 2025 10:52	AR\AJ	Ok,M
6	PB170400BS	PD090984.D	06 Nov 2025 12:16	AR\AJ	Ok,M
7	PB170420BL	PD090985.D	06 Nov 2025 12:29	AR\AJ	Ok
8	PB170420BS	PD090986.D	06 Nov 2025 12:43	AR\AJ	Ok,M
9	Q3544-01	PD090987.D	06 Nov 2025 12:57	AR\AJ	Ok,M
10	Q3544-01MS	PD090988.D	06 Nov 2025 13:10	AR\AJ	Ok,M
11	Q3544-01MSD	PD090989.D	06 Nov 2025 13:24	AR\AJ	Ok,M
12	Q3546-01	PD090990.D	06 Nov 2025 13:38	AR\AJ	Ok,M
13	I.BLK	PD090991.D	06 Nov 2025 13:51	AR\AJ	Ok
14	PSTDCCC050	PD090992.D	06 Nov 2025 14:05	AR\AJ	Ok,M
15	PB170426BL	PD090993.D	06 Nov 2025 14:19	AR\AJ	Ok
16	PB170426BS	PD090994.D	06 Nov 2025 14:32	AR\AJ	Not Ok
17	PB170426BSD	PD090995.D	06 Nov 2025 15:05	AR\AJ	Not Ok
18	Q3534-01	PD090996.D	06 Nov 2025 15:18	AR\AJ	Ok,M
19	Q3534-02	PD090997.D	06 Nov 2025 15:32	AR\AJ	Ok,M
20	Q3534-03	PD090998.D	06 Nov 2025 15:46	AR\AJ	Ok
21	Q3534-04	PD090999.D	06 Nov 2025 15:59	AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110625

Review By	rahul	Review On	11/6/2025 3:57:17 PM
Supervise By	yogesh	Supervise On	11/7/2025 10:56:34 AM
SubDirectory	PD110625	HP Acquire Method	HP Processing Method PD101725 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	Q3534-05	PD091000.D	06 Nov 2025 16:13	AR\AJ	Dilution
23	Q3534-06	PD091001.D	06 Nov 2025 16:26	AR\AJ	Not Ok
24	Q3534-07	PD091002.D	06 Nov 2025 16:40	AR\AJ	Not Ok
25	Q3534-09	PD091003.D	06 Nov 2025 16:54	AR\AJ	Ok
26	Q3534-10	PD091004.D	06 Nov 2025 17:08	AR\AJ	Ok
27	Q3537-03	PD091005.D	06 Nov 2025 17:21	AR\AJ	Ok,M
28	Q3541-01	PD091006.D	06 Nov 2025 17:35	AR\AJ	ReRun
29	Q3552-01	PD091007.D	06 Nov 2025 17:48	AR\AJ	Ok,M
30	Q3552-02	PD091008.D	06 Nov 2025 18:02	AR\AJ	Ok,M
31	Q3552-03	PD091009.D	06 Nov 2025 18:16	AR\AJ	Ok,M
32	Q3552-04	PD091010.D	06 Nov 2025 18:29	AR\AJ	Ok,M
33	Q3552-05	PD091011.D	06 Nov 2025 18:43	AR\AJ	Ok,M
34	I.BLK	PD091012.D	06 Nov 2025 18:57	AR\AJ	Ok
35	PSTDCCC050	PD091013.D	06 Nov 2025 19:10	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110725

Review By	raahul	Review On	11/7/2025 2:20:39 PM
Supervise By	yogesh	Supervise On	11/10/2025 8:45:15 AM
SubDirectory	PD110725	HP Acquire Method	HP Processing Method PD101725 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	PD091014.D	07 Nov 2025 09:29	AR\AJ	Ok
2	I.BLK	PD091015.D	07 Nov 2025 09:43	AR\AJ	Ok
3	PEM	PD091016.D	07 Nov 2025 09:56	AR\AJ	Ok,M
4	PSTDCCC050	PD091017.D	07 Nov 2025 10:10	AR\AJ	Ok,M
5	PB170426BL	PD091018.D	07 Nov 2025 10:26	AR\AJ	Ok
6	Q3534-06	PD091019.D	07 Nov 2025 10:39	AR\AJ	Ok,M
7	Q3534-07	PD091020.D	07 Nov 2025 10:53	AR\AJ	Ok,M
8	Q3534-05DL	PD091021.D	07 Nov 2025 11:07	AR\AJ	Ok,M
9	Q3541-01RE	PD091022.D	07 Nov 2025 11:20	AR\AJ	Confirms
10	PB170426BSD	PD091023.D	07 Nov 2025 11:34	AR\AJ	Ok,M
11	PB170426BS	PD091024.D	07 Nov 2025 13:05	AR\AJ	Ok,M
12	I.BLK	PD091025.D	07 Nov 2025 13:18	AR\AJ	Ok
13	PSTDCCC050	PD091026.D	07 Nov 2025 13:32	AR\AJ	Ok,M
14	PB170447BL	PD091027.D	07 Nov 2025 16:32	AR\AJ	Ok
15	PB170447BS	PD091028.D	07 Nov 2025 16:46	AR\AJ	Ok,M
16	PB170447BSD	PD091029.D	07 Nov 2025 16:59	AR\AJ	Ok,M
17	Q3551-01	PD091030.D	07 Nov 2025 17:13	AR\AJ	ReRun
18	I.BLK	PD091031.D	07 Nov 2025 17:26	AR\AJ	Ok,M
19	PSTDCCC050	PD091032.D	07 Nov 2025 18:07	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 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,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090646.D	17 Oct 2025 10:40		AR\AJ	Ok
2	I.BLK	I.BLK	PD090647.D	17 Oct 2025 10:53		AR\AJ	Ok
3	PEM	PEM	PD090648.D	17 Oct 2025 11:07		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090649.D	17 Oct 2025 11:20		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PD090650.D	17 Oct 2025 11:34		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090651.D	17 Oct 2025 11:48		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090652.D	17 Oct 2025 12:01		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090653.D	17 Oct 2025 12:15		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090654.D	17 Oct 2025 12:28		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090656.D	17 Oct 2025 12:56		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090657.D	17 Oct 2025 13:09		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090658.D	17 Oct 2025 13:23		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090659.D	17 Oct 2025 13:36		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090660.D	17 Oct 2025 13:50		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090661.D	17 Oct 2025 14:03		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090662.D	17 Oct 2025 14:17		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090663.D	17 Oct 2025 14:30		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 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	PTOXICC100	PTOXICC100	PD090664.D	17 Oct 2025 16:18		AR\AJ	Ok
20	PSTDICV050	ICVPD101725	PD090665.D	17 Oct 2025 16:46		AR\AJ	Ok
21	PCHLORICV500	ICVPD101725CHLOR	PD090666.D	17 Oct 2025 17:50		AR\AJ	Ok
22	PTOXICV500	ICVPD101725TOX	PD090667.D	17 Oct 2025 18:42		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD090668.D	17 Oct 2025 19:50		AR\AJ	Ok
24	PEM	PEM	PD090669.D	17 Oct 2025 20:04		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD090670.D	17 Oct 2025 20:18		AR\AJ	Ok
26	PB170142BL	PB170142BL	PD090671.D	17 Oct 2025 20:31		AR\AJ	Ok
27	PB170142BS	PB170142BS	PD090672.D	17 Oct 2025 20:45		AR\AJ	Ok
28	Q3366-01	TR-06-101625	PD090673.D	17 Oct 2025 20:59		AR\AJ	Ok,M
29	Q3366-03	TR-1-101625	PD090674.D	17 Oct 2025 21:12		AR\AJ	Ok,M
30	Q3367-01	BU-03-101625	PD090675.D	17 Oct 2025 21:26		AR\AJ	Ok,M
31	Q3369-01	MH-22	PD090676.D	17 Oct 2025 21:40		AR\AJ	Ok,M
32	Q3369-05	MH-21	PD090677.D	17 Oct 2025 21:53		AR\AJ	Ok,M
33	Q3363-01	PR132-SO1-085011-20	PD090678.D	17 Oct 2025 22:48		AR\AJ	Ok,M
34	Q3363-02	PR132-SO1-039085-20	PD090679.D	17 Oct 2025 23:02		AR\AJ	Ok,M
35	Q3363-03	PR132-SO3-028010-20	PD090680.D	17 Oct 2025 23:15		AR\AJ	Ok,M
36	Q3363-04	PR132-SO3-010013-20	PD090681.D	17 Oct 2025 23:29		AR\AJ	Ok,M
37	Q3363-04MS	PR132-SO3-010013-20	PD090682.D	17 Oct 2025 23:43		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 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			

38	Q3363-04MSD	PR132-SO3-010013-20	PD090683.D	17 Oct 2025 23:56		AR\AJ	Ok,M
39	Q3363-05	COMP01-20251015	PD090684.D	18 Oct 2025 00:10		AR\AJ	Ok,M
40	Q3343-04MS	SOIL-ROLLOFF-WC-11	PD090685.D	18 Oct 2025 00:24		AR\AJ	Ok,M
41	Q3343-04MSD	SOIL-ROLLOFF-WC-11	PD090686.D	18 Oct 2025 00:37		AR\AJ	Ok
42	I.BLK	I.BLK	PD090687.D	18 Oct 2025 00:51		AR\AJ	Ok
43	PSTDCCC050	PSTDCCC050	PD090688.D	18 Oct 2025 02:13		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110625

Review By	rahul	Review On	11/6/2025 3:57:17 PM
Supervise By	yogesh	Supervise On	11/7/2025 10:56:34 AM
SubDirectory	PD110625	HP Acquire Method	HP Processing Method PD101725 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,P P24763,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	PD090979.D	06 Nov 2025 09:07		AR\AJ	Ok
2	I.BLK	I.BLK	PD090980.D	06 Nov 2025 09:20		AR\AJ	Ok
3	PEM	PEM	PD090981.D	06 Nov 2025 09:34		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD090982.D	06 Nov 2025 10:32		AR\AJ	Ok,M
5	PB170371BS	PB170371BS	PD090983.D	06 Nov 2025 10:52		AR\AJ	Ok,M
6	PB170400BS	PB170400BS	PD090984.D	06 Nov 2025 12:16		AR\AJ	Ok,M
7	PB170420BL	PB170420BL	PD090985.D	06 Nov 2025 12:29		AR\AJ	Ok
8	PB170420BS	PB170420BS	PD090986.D	06 Nov 2025 12:43		AR\AJ	Ok,M
9	Q3544-01	ONYX-1	PD090987.D	06 Nov 2025 12:57		AR\AJ	Ok,M
10	Q3544-01MS	ONYX-1MS	PD090988.D	06 Nov 2025 13:10		AR\AJ	Ok,M
11	Q3544-01MSD	ONYX-1MSD	PD090989.D	06 Nov 2025 13:24		AR\AJ	Ok,M
12	Q3546-01	TP-COMP	PD090990.D	06 Nov 2025 13:38		AR\AJ	Ok,M
13	I.BLK	I.BLK	PD090991.D	06 Nov 2025 13:51		AR\AJ	Ok
14	PSTDCCC050	PSTDCCC050	PD090992.D	06 Nov 2025 14:05		AR\AJ	Ok,M
15	PB170426BL	PB170426BL	PD090993.D	06 Nov 2025 14:19		AR\AJ	Ok
16	PB170426BS	PB170426BS	PD090994.D	06 Nov 2025 14:32	Methoxychlor and Endosulfan recovery fail	AR\AJ	Not Ok
17	PB170426BSD	PB170426BSD	PD090995.D	06 Nov 2025 15:05	Endosulfan recovery fail	AR\AJ	Not Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110625

Review By	rahul	Review On	11/6/2025 3:57:17 PM
Supervise By	yogesh	Supervise On	11/7/2025 10:56:34 AM
SubDirectory	PD110625	HP Acquire Method	HP Processing Method PD101725 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			

18	Q3534-01	MW-6	PD090996.D	06 Nov 2025 15:18	DCB high in 2nd column	AR\AJ	Ok,M
19	Q3534-02	MW-1	PD090997.D	06 Nov 2025 15:32		AR\AJ	Ok,M
20	Q3534-03	MW-11	PD090998.D	06 Nov 2025 15:46		AR\AJ	Ok
21	Q3534-04	MW-5	PD090999.D	06 Nov 2025 15:59		AR\AJ	Ok,M
22	Q3534-05	MW-EB-1	PD091000.D	06 Nov 2025 16:13	need dilution	AR\AJ	Dilution
23	Q3534-06	MW-EB-2	PD091001.D	06 Nov 2025 16:26	Carry over for comp # 06	AR\AJ	Not Ok
24	Q3534-07	MW-EB-3	PD091002.D	06 Nov 2025 16:40	need cleanup	AR\AJ	Not Ok
25	Q3534-09	FB-1	PD091003.D	06 Nov 2025 16:54		AR\AJ	Ok
26	Q3534-10	EB-1	PD091004.D	06 Nov 2025 17:08		AR\AJ	Ok
27	Q3537-03	MW-17-PURGE-WATER	PD091005.D	06 Nov 2025 17:21		AR\AJ	Ok,M
28	Q3541-01	N48969	PD091006.D	06 Nov 2025 17:35	DCB Low in both column	AR\AJ	ReRun
29	Q3552-01	MW-4	PD091007.D	06 Nov 2025 17:48		AR\AJ	Ok,M
30	Q3552-02	MW-8	PD091008.D	06 Nov 2025 18:02		AR\AJ	Ok,M
31	Q3552-03	MW-9	PD091009.D	06 Nov 2025 18:16	DCB Low in 2nd column	AR\AJ	Ok,M
32	Q3552-04	MW-10	PD091010.D	06 Nov 2025 18:29		AR\AJ	Ok,M
33	Q3552-05	MW-3	PD091011.D	06 Nov 2025 18:43		AR\AJ	Ok,M
34	I.BLK	I.BLK	PD091012.D	06 Nov 2025 18:57		AR\AJ	Ok
35	PSTDCCC050	PSTDCCC050	PD091013.D	06 Nov 2025 19:10		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110725

Review By	rahul	Review On	11/7/2025 2:20:39 PM
Supervise By	yogesh	Supervise On	11/10/2025 8:45:15 AM
SubDirectory	PD110725	HP Acquire Method	HP Processing Method PD101725 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,P24763,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	PD091014.D	07 Nov 2025 09:29		AR\AJ	Ok
2	I.BLK	I.BLK	PD091015.D	07 Nov 2025 09:43		AR\AJ	Ok
3	PEM	PEM	PD091016.D	07 Nov 2025 09:56		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD091017.D	07 Nov 2025 10:10		AR\AJ	Ok,M
5	PB170426BL	PB170426BL	PD091018.D	07 Nov 2025 10:26		AR\AJ	Ok
6	Q3534-06	MW-EB-2	PD091019.D	07 Nov 2025 10:39		AR\AJ	Ok,M
7	Q3534-07	MW-EB-3	PD091020.D	07 Nov 2025 10:53		AR\AJ	Ok,M
8	Q3534-05DL	MW-EB-1DL	PD091021.D	07 Nov 2025 11:07		AR\AJ	Ok,M
9	Q3541-01RE	N48969RE	PD091022.D	07 Nov 2025 11:20	DCB Low in both column	AR\AJ	Confirms
10	PB170426BSD	PB170426BSD	PD091023.D	07 Nov 2025 11:34		AR\AJ	Ok,M
11	PB170426BS	PB170426BS	PD091024.D	07 Nov 2025 13:05		AR\AJ	Ok,M
12	I.BLK	I.BLK	PD091025.D	07 Nov 2025 13:18		AR\AJ	Ok
13	PSTDCCC050	PSTDCCC050	PD091026.D	07 Nov 2025 13:32		AR\AJ	Ok,M
14	PB170447BL	PB170447BL	PD091027.D	07 Nov 2025 16:32		AR\AJ	Ok
15	PB170447BS	PB170447BS	PD091028.D	07 Nov 2025 16:46		AR\AJ	Ok,M
16	PB170447BSD	PB170447BSD	PD091029.D	07 Nov 2025 16:59		AR\AJ	Ok,M
17	Q3551-01	MANHOLE	PD091030.D	07 Nov 2025 17:13	TCMX low in both column	AR\AJ	ReRun
18	I.BLK	I.BLK	PD091031.D	07 Nov 2025 17:26		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110725

Review By	rahul	Review On	11/7/2025 2:20:39 PM				
Supervise By	yogesh	Supervise On	11/10/2025 8:45:15 AM				
SubDirectory	PD110725	HP Acquire Method		HP Processing Method	PD101725 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,P P24763,PP24764						
CCC	PP24751,PP24756,PP24761						
Internal Standard/PEM							
ICV/I.BLK	PP24754,PP24759,PP24761						
Surrogate Standard							
MS/MSD Standard							
LCS Standard							
19	PSTDCCC050	PSTDCCC050	PD091032.D	07 Nov 2025 18:07		ARIAJ	Ok,M

M : Manual Integration

SOP ID:	M3510C,3580A-Extraction Pesticide-17		
Clean Up SOP #:	Florisol	Extraction Start Date :	11/06/2025
Matrix :	Water	Extraction Start Time :	09:15
Weigh By:	N/A	Extraction By:	RS
Balance check:	N/A	Extraction End Date :	11/06/2025
Balance ID:	N/A	Filter By:	RS
pH Strip Lot#:	E3953	pH Meter ID:	N/A
		Extraction End Time :	13:55
		Concentration By:	EH
		Supervisor By :	RUPESH
Extraction Method:	☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet		

Standardized Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	SP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
Hexane	N/A	E3981
Florisol	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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot#03-40BTS721. Q3534 & Q3552 all samples split the volume.

KD Bath ID:	WATER BATH-1	Envap ID:	NEVAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/6/25	RS (Ext Lab)	Y-P Pesticide
14:00	Preparation Group	Analysis Group

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

Concentration Date: 11/06/2025

Sample ID	Client Sample ID	Test	g /mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170426BL	PBLK426	Pesticide-TCL	1000	6	RUPESH	ritesh	10			SEP-1
PB170426BS	PLCS426	Pesticide-TCL	1000	6	RUPESH	ritesh	10			2
PB170426BS D	PLCSD426	Pesticide-TCL	1000	6	RUPESH	ritesh	10			3
Q3534-01	MW-6	Pesticide-TCL	440	6	RUPESH	ritesh	5	O		4
Q3534-02	MW-1	Pesticide-TCL	470	6	RUPESH	ritesh	5	O		5
Q3534-03	MW-11	Pesticide-TCL	490	6	RUPESH	ritesh	5	O		6
Q3534-04	MW-5	Pesticide-TCL	485	6	RUPESH	ritesh	5	O		7
Q3534-05	MW-EB-1	Pesticide-TCL	475	6	RUPESH	ritesh	5	O		8
Q3534-06	MW-EB-2	Pesticide-TCL	485	6	RUPESH	ritesh	5	O		9
Q3534-07	MW-EB-3	Pesticide-TCL	480	6	RUPESH	ritesh	5	O		10
Q3534-09	FB-1	Pesticide-TCL	495	6	RUPESH	ritesh	5	O		11
Q3534-10	EB-1	Pesticide-TCL	495	6	RUPESH	ritesh	5	O		12
Q3537-03	MW-17-PURGE-WATER	Pesticide-TCL	990	6	RUPESH	ritesh	10	M		13
Q3541-01	N48969	Pesticide-TCL	980	6	RUPESH	ritesh	10	M		14
Q3552-01	MW-4	Pesticide-TCL	500	6	RUPESH	ritesh	5	L		15
Q3552-02	MW-8	Pesticide-TCL	500	6	RUPESH	ritesh	5	L		16
Q3552-03	MW-9	Pesticide-TCL	500	6	RUPESH	ritesh	5	L		SEP-1
Q3552-04	MW-10	Pesticide-TCL	500	6	RUPESH	ritesh	5	L		2
Q3552-05	MW-3	Pesticide-TCL	485	6	RUPESH	ritesh	5	L		3

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3541P

WorkList ID : 192934

Department : Extraction

Date : 11-06-2025 08:47:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3534-01	MW-6	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/03/2025	8081B
Q3534-02	MW-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/03/2025	8081B
Q3534-03	MW-11	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/03/2025	8081B
Q3534-04	MW-5	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/03/2025	8081B
Q3534-05	MW-EB-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/04/2025	8081B
Q3534-06	MW-EB-2	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/03/2025	8081B
Q3534-07	MW-EB-3	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/04/2025	8081B
Q3534-09	FB-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/03/2025	8081B
Q3534-10	EB-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D31	11/04/2025	8081B
Q3537-03	MW-17-PURGE-WATER	Water	Pesticide-TCL	Cool 4 deg C	REMI02		11/04/2025	8081B
Q3541-01	N48969	Water	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/04/2025	8081B
Q3552-01	MW-4	Water	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/04/2025	8081B
Q3552-02	MW-8	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/04/2025	8081B
Q3552-03	MW-9	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/04/2025	8081B
Q3552-04	MW-10	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/04/2025	8081B
Q3552-05	MW-3	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D41	11/05/2025	8081B
					REMI02	D41	11/04/2025	8081B

Date/Time 11/6/25 9:10
 Raw Sample Received by: RS (EX-104)
 Raw Sample Relinquished by: [Signature]

Date/Time 11/6/25 10:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: RS (EX-104)

Prep Standard - Chemical Standard Summary

Order ID : Q3534

Test : Pesticide-TCL

Prepbatch ID : PB170426,

Sequence ID/Qc Batch ID: pd110625,pd110725,

Standard ID :

EP2644,EP2655,PP24651,PP24738,PP24739,PP24740,PP24741,PP24742,PP24744,PP24745,PP24746,PP24747,PP24748,PP24749,PP24750,PP24751,PP24752,PP24753,PP24754,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764,PP24766,PP24942,SP24663,

Chemical ID :

E3875,E3941,E3955,E3956,E3971,E3972,E3976,E3980,E3981,P12604,P12610,P13038,P13041,P13196,P13246,P13774,P13780,P13788,P13862,P9053,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1215	FLOROSIL CLEAN UP-WASHING SOLN	EP2644	09/18/2025	03/18/2026	Evelyn Huang	None	None	Riteshkumar Patel
								09/18/2025

FROM 100.00000ml of E3972 + 900.00000ml of E3971 = Final Quantity: 1000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2655	10/24/2025	01/28/2026	RUPESEKUMAR SHAH	Extraction_SC ALE_2 (EX-SC-2)	None	Riteshkumar Patel
								10/24/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4027	Pesticide resolution Check Mixture 8081	PP24651	06/16/2025	12/11/2025	Abdul Mirza	None	None	Yogesh Patel
								07/22/2025

FROM 1.00000ml of P13246 + 99.00000ml of E3941 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3629	20 PPM PEST stock Solution 1st source(RESTEK)	PP24738	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13038 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1472	20 PPM Pest Stock Solution 2nd Source	PP24739	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P13041 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1273	20 PPM Mirex Stock (Primary Source)	PP24740	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 1.00000ml of P9053 + 9.00000ml of E3956 = Final Quantity: 10.000 ml



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

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

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

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

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



Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3630	100/100 PPB PEST Working std.1st Source(RESTEK)	PP24744	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025
<u>FROM</u> 98.50000ml of E3956 + 0.50000ml of PP24738 + 0.50000ml of PP24740 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
80	100/100 PPB Pesticide Working Solution 2nd Source	PP24745	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025
<u>FROM</u> 98.50000ml of E3956 + 0.50000ml of PP24739 + 0.50000ml of PP24741 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml								

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
386	1000/100 PPB Chlordane STD (Restek)	PP24746	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P12604 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3746	1000/100 ppb Chlordane STD-RESTEK 2ND SOURCE	PP24747	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P12610 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
383	1000/100 PPB Toxaphene STD (Restek)	PP24748	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P13774 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3669	1000/100 PPB TOXAPHENE STD 2nd source (RESTEK)	PP24749	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.10000ml of P13862 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3631	75 PPB ICAL PEST STD(RESTEK)	PP24750	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24744 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3632	50 PPB ICAL PEST STD(RESTEK)	PP24751	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24744 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3633	25 PPB ICAL PEST STD(RESTEK)	PP24752	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.75000ml of E3956 + 0.25000ml of PP24744 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3634	5 PPB ICAL PEST STD(RESTEK)	PP24753	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.90000ml of E3956 + 0.10000ml of PP24751 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3988	50 PPB PEST ICV STD(RESTEK)	PP24754	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24745 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
528	CHLOR 750 PPB STD	PP24755	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24746 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
529	CHLOR 500 PPB STD	PP24756	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24746 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
530	CHLOR 250 PPB STD	PP24757	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.75000ml of E3956 + 0.25000ml of PP24746 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3408	CHLOR 50 PPB STD	PP24758	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.90000ml of E3956 + 0.10000ml of PP24756 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
532	CHLOR 500 PPB ICV STD	PP24759	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24747 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
533	TOX 750 PPB STD	PP24760	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24748 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
534	TOX 500 PPB STD	PP24761	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24748 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
535	TOX 250 PPB STD	PP24762	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.75000ml of E3956 + 0.25000ml of PP24748 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2217	TOX 100 PPB STD	PP24763	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.90000ml of E3956 + 0.10000ml of PP24748 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3670	TOX 500 PPB ICV std (RESTEK)	PP24764	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								07/24/2025

FROM 0.50000ml of PP24749 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
79	500 PPB Pesticide Spike Solution	PP24766	07/28/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel
								08/19/2025

FROM 95.00000ml of E3955 + 2.50000ml of PP24739 + 2.50000ml of PP24741 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
758	PEM Mix w/Surr	PP24942	09/24/2025	03/24/2026	Abdul Mirza	None	None	Yogesh Patel
								10/10/2025

FROM 1.00000ml of P13780 + 99.00000ml of E3971 = Final Quantity: 100.000 ml

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	07/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	12/11/2025	06/11/2025 / Rajesh	06/04/2025 / Rajesh	E3941

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	04/18/2027	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3955

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3956

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	09/15/2025 / Evelyn	09/04/2025 / Riteshkumar	E3971

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agela Technologies Inc.	FS0006 / Cleanert Florisil cartridge	M07456	04/03/2026	10/03/2025 / Evelyn	10/03/2025 / Evelyn	E3976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	10/10/2025 / RUPESH	10/10/2025 / RUPESH	E3980

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362006	04/30/2026	10/27/2025 / RUPESH	10/22/2025 / RUPESH	E3981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0197993	01/21/2026	07/21/2025 / Abdul	07/03/2023 / Abdul	P12604

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0197993	01/21/2026	07/21/2025 / Abdul	07/03/2023 / Abdul	P12610

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul	A0200423	01/21/2026	07/21/2025 / Abdul	12/26/2023 / Abdul	P13038

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul	A0199099	07/21/2026	07/21/2025 / Abdul	12/26/2023 / Abdul	P13041

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	042022	01/21/2026	07/21/2025 / Abdul	01/17/2024 / Abdul	P13196

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	19161 / 8081 pesticide resolution check mixture	013124	12/17/2025	06/17/2025 / Abdul	02/09/2024 / Abdul	P13246

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0203038	01/21/2026	07/21/2025 / Abdul	05/03/2024 / Ankita	P13774

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32074 / Pesticide Performance Evaluation Mix w/Surrogate	A0213999	03/24/2026	09/24/2025 / Abdul	11/19/2024 / Ankita	P13780

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	01/21/2026	07/21/2025 / Abdul	11/19/2024 / Ankita	P13788

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0210240	01/21/2026	07/21/2025 / Abdul	12/09/2024 / Abdul	P13862

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	112018	01/21/2026	07/21/2025 / Abdul	11/01/2019 / Stephen	P9053



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 67 67
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

Certificate of Analysis

1 Reagent Lane
 Fair Lawn, NJ 07410
 201.796.7100 tel
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
 Standard ISO9001:2015 by SAI Global Certificate Number CERT - 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001



Recd. by RI on 6/11/25

E3941

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
 If there are any questions with this certificate, please call at (800) 227-6701.

*Based on suggested storage condition.

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis



Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date: 2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 7/16/25

E 3955

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

 **avantors**[™]



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 7/16/25

E3956



Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3971

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3972

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Cleanert Florisil

1g/6ml 30/pkg

LOT#:M07456

MFG#:G02147

CAT#FS0006



固相萃取产品

Made in China

Agela Technologies

E 3976



Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date: 2026-04-16
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8\%$	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	$\leq 0.02\%$	$< 0.01\%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

REC. on 10/10/25
RJ

E3980

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™



Material No.: 9262-03

Batch No.: 25C0362006

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	4
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Received on 10/22/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3981

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32291 Lot No.: A0199099

Description : Organochlorine Pesticide Mix AB #1

Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul

Container Size : 2 mL Pkg Amt: > 1 mL

Expiration Date : June 30, 2027 Storage: 10°C or colder

Ship: Ambient

P130397 5
↓
P13043 1
✓
12-26-2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	alpha-BHC	319-84-6	14434500	99%	200.0 µg/mL	+/- 8.9732
2	gamma-BHC (Lindane)	58-89-9	14184400	98%	200.1 µg/mL	+/- 8.9762
3	beta-BHC	319-85-7	BCCC6425	99%	200.3 µg/mL	+/- 8.9844
4	delta-BHC	319-86-8	14450800	98%	200.0 µg/mL	+/- 8.9740
5	Heptachlor	76-44-8	813251	99%	200.1 µg/mL	+/- 8.9754
6	Aldrin	309-00-2	14389400	98%	200.0 µg/mL	+/- 8.9718
7	Heptachlor epoxide (isomer B)	1024-57-3	14448800	99%	200.1 µg/mL	+/- 8.9754
8	trans-Chlordane	5103-74-2	32943	98%	199.9 µg/mL	+/- 8.9696
9	cis-Chlordane	5103-71-9	31766	98%	200.1 µg/mL	+/- 8.9762
10	Endosulfan I	959-98-8	BCCF4060	99%	200.1 µg/mL	+/- 8.9754
11	4,4'-DDE	72-55-9	GHYQG	99%	200.1 µg/mL	+/- 8.9777
12	Dieldrin	60-57-1	11129900	98%	200.0 µg/mL	+/- 8.9718
13	Endrin	72-20-8	14123200	98%	199.9 µg/mL	+/- 8.9696
14	4,4'-DDD	72-54-8	HAN02	99%	200.1 µg/mL	+/- 8.9777
15	Endosulfan II	33213-65-9	14374700	99%	200.0 µg/mL	+/- 8.9732
16	4,4'-DDT	50-29-3	230410JLMA	98%	200.0 µg/mL	+/- 8.9718

17	Endrin aldehyde	7421-93-4	30720	98%	200.1	µg/mL	+/- 8.9784
18	Endosulfan sulfate	1031-07-8	BCCH9010	99%	200.0	µg/mL	+/- 8.9732
19	Methoxychlor	72-43-5	13668200	99%	200.1	µg/mL	+/- 8.9777
20	Endrin ketone	53494-70-5	1-ABS-16-7	98%	200.0	µg/mL	+/- 8.9740

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane/Toluene (50:50)
CAS # 110-54-3/108-88-3
Purity 99%

P13039
 ↓
 P13043
 5
 1
 JAW
 12/26/23

Quality Confirmation Test

Column:
 30m x .25mm x .2um
 Rtx-CLP II (cat.# 11323)

Carrier Gas:
 helium-constant pressure 20 psi.

Temp. Program:
 150°C to 300°C
 @ 4°C/min. (hold 5 min.)

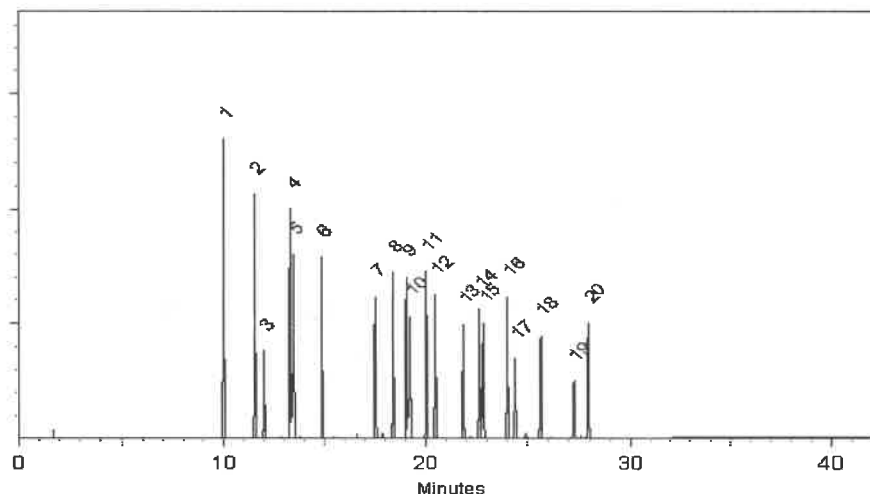
Inj. Temp:
 200°C

Det. Temp:
 300°C

Det. Type:
 ECD

Split Vent:
 Split ratio 50:1

Inj. Vol
 1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Josh McCloskey
 Josh McCloskey - Operations Technician I

Date Mixed: 19-Jun-2023

Balance Serial # 1128360905

Jennifer Pollino
 Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 23-Jun-2023

Manufactured under Restek's ISO 9001:2015
 Registered Quality System
 Certificate #FM 80397

01/17/2024
JALIN

5



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32021 **Lot No.:** A0197993
Description : Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : August 31, 2029 **Storage:** 10°C or colder
Ship: Ambient

P 12603
↓
P 12605
[3]
Kauf
7/3/2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Chlordane 10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers	57-74-9	978545	----%	1,005.0 µg/mL	+/- 55.7700

Solvent: Hexane
CAS # 110-54-3
Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

Tech Tips:

CAS #57-74-9 nomenclature is based on EPA method 8081B.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

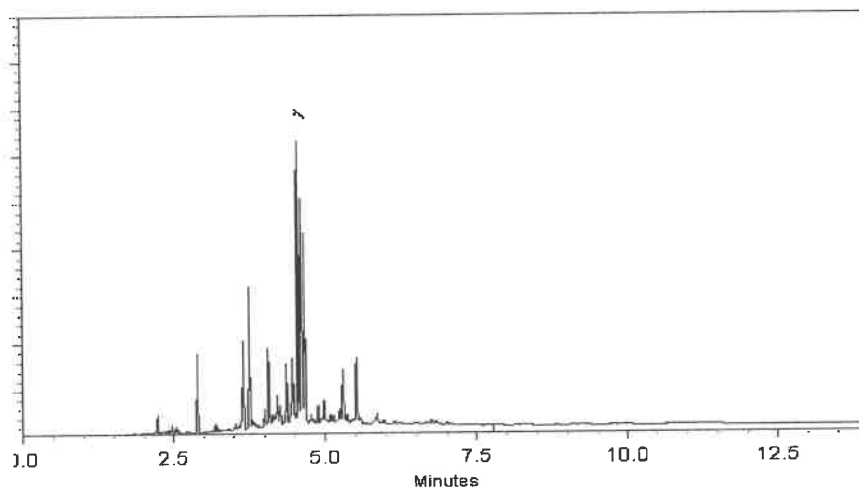
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Morgan Craighead - Mix Technician

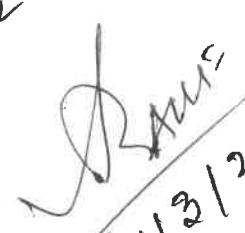
Date Mixed: 11-May-2023

Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 12603 } (3)
↓
P 12605

7/3/2023



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis *chromatographic plus*



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 32021 Lot No.: A0197993
Description: Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul
Container Size: 2 mL Pkg Amt: > 1 mL
Expiration Date: August 31, 2029 Storage: 10°C or colder
Ship: Ambient

Handwritten: P 12606, P 12610, 5 Five, 7/3/2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	Chlordane 10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers	57-74-9	978545	----	1,005.0 µg/mL	+/- 55.7700

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Tech Tips:

CAS #57-74-9 nomenclature is based on EPA method 8081B.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. { hold 10 min.}

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

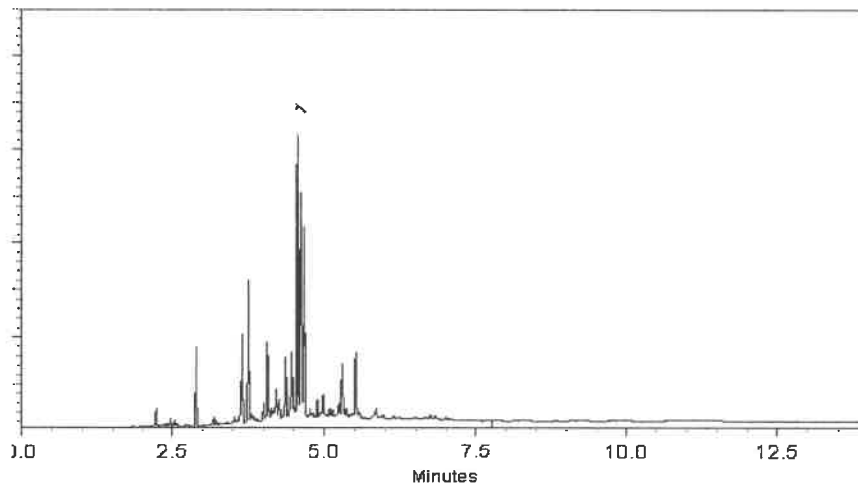
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

Date Mixed: 11-May-2023

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32291

Lot No.: A0200423

Description : Organochlorine Pesticide Mix AB #1

Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : July 31, 2027

Storage: 10°C or colder

Ship: Ambient

P 13034
↓
P 13038
12.26.2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	alpha-BHC	319-84-6	14434500	99%	200.5 µg/mL	+/- 8.9956
2	gamma-BHC (Lindane)	58-89-9	14184400	98%	199.9 µg/mL	+/- 8.9696
3	beta-BHC	319-85-7	BCCC6425	99%	200.0 µg/mL	+/- 8.9732
4	delta-BHC	319-86-8	14450800	98%	199.9 µg/mL	+/- 8.9696
5	Heptachlor	76-44-8	813251	99%	202.0 µg/mL	+/- 9.0629
6	Aldrin	309-00-2	14389400	98%	200.9 µg/mL	+/- 9.0136
7	Heptachlor epoxide (isomer B)	1024-57-3	14448800	99%	200.0 µg/mL	+/- 8.9732
8	trans-Chlordane	5103-74-2	34616	99%	200.5 µg/mL	+/- 8.9956
9	cis-Chlordane	5103-71-9	31766	98%	201.4 µg/mL	+/- 9.0356
10	Endosulfan I	959-98-8	BCCF4060	99%	200.0 µg/mL	+/- 8.9732
11	4,4'-DDE	72-55-9	GHYQG	99%	201.5 µg/mL	+/- 9.0405
12	Dieldrin	60-57-1	14515000	98%	199.9 µg/mL	+/- 8.9696
13	Endrin	72-20-8	14485300	98%	200.4 µg/mL	+/- 8.9916
14	4,4'-DDD	72-54-8	HAN02	99%	200.5 µg/mL	+/- 8.9956
15	Endosulfan II	33213-65-9	14374700	99%	200.0 µg/mL	+/- 8.9732
16	4,4'-DDT	50-29-3	230410JLMA	98%	201.9 µg/mL	+/- 9.0575

17	Endrin aldehyde	7421-93-4	30720	98%	201.4 µg/mL	+/- 9.0356
18	Endosulfan sulfate	1031-07-8	BCCH9010	99%	200.5 µg/mL	+/- 8.9956
19	Methoxychlor	72-43-5	14563200	98%	200.9 µg/mL	+/- 9.0136
20	Endrin ketone	53494-70-5	14537700	98%	199.9 µg/mL	+/- 8.9696

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane/Toluene (50:50)
CAS # 110-54-3/108-88-3
Purity 99%

P13034
P13038
1
5
12/26/2023

Quality Confirmation Test

Column:
30m x .25mm x .2µm
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

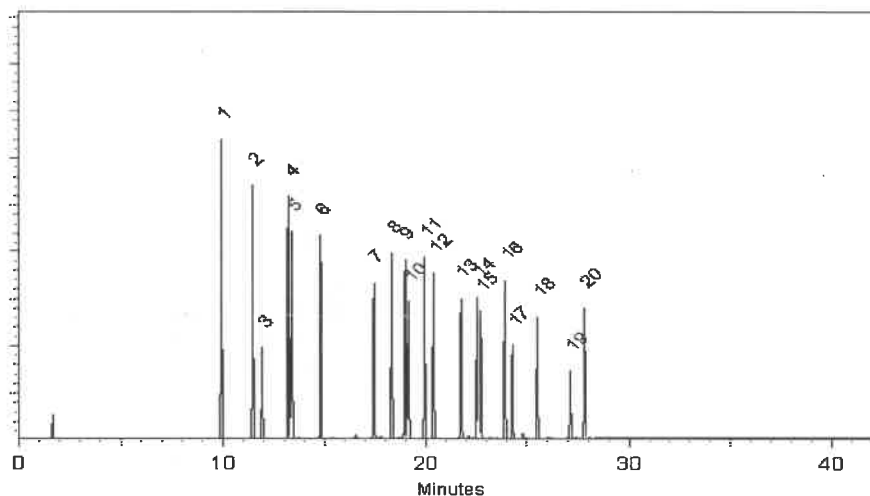
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 31-Jul-2023

Balance Serial # B442140311

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Aug-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



CERTIFIED WEIGHT REPORT

Part Number:	19161		
Lot Number:	013124		
Description:	CLP Pesticides & PCBs Resolution Check Standard		
Expiration Date:	013129	Solvent(s):	Lot#
Recommended Storage:	Refrigerate (4 °C)	Hexane	273615 (50%)
Nominal Concentration (µg/mL):	Varied	Toluene	28508 (50%)
NIST Test ID#:	6UTB	Balance Uncertainty	5E-05
Volume(s) shown below were combined and diluted to (mL):	100.0	Pipet Uncertainty	0.021

<i>Lawrence Barry</i>	
Formulated By:	Lawrence Barry
Reviewed By:	<i>Pedro L. Rentes</i>
DATE	013124

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty (mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty (±) µg/mL	(Solvent Safety Info. On Attached pg.)	OSHA PEL (TWA)	LD50
1. trans-Chlordane	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	5103-74-2	0.5mg/m3 (skin)	or-rat 500mg/kg
2. Endosulfan I	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	959-98-8	0.1mg/m3 (skin)	or-rat 18mg/kg
3. 4,4'-DDE	19361	013124	0.010	1.00	0.004	201.6	2.0	0.03	72-55-9	N/A	or-rat 880mg/kg
4. Dieldrin	19361	013124	0.010	1.00	0.004	202.8	2.0	0.03	60-57-1	0.25mg/m3 (skin)	or-rat 36300µg/kg
5. Endosulfan sulfate	19361	013124	0.010	1.00	0.004	204.2	2.0	0.03	1031-07-8	N/A	or-rat 18mg/kg
6. Endrin ketone	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	53494-70-5	N/A	N/A
7. 4,4-Methoxychlor	19361	013124	0.010	1.00	0.004	1000.7	10.0	0.09	72-43-5	10mg/m3	or-rat 6000mg/kg
8. 2,4,5,6-Tetrachloro-m-xylene	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	877-09-8	N/A	N/A
9. Decachlorobiphenyl (209)	19361	013124	0.010	1.00	0.004	202.0	2.0	0.03	2051-24-3	N/A	N/A

P13243
P13244
P13245
P13246
P13247
P13248
P13249
P13250
P13251
P13252
P13253
P13254
P13255
P13256
P13257
P13258
P13259
P13260
P13261
P13262
P13263
P13264
P13265
P13266
P13267
P13268
P13269
P13270
P13271
P13272
P13273
P13274
P13275
P13276
P13277
P13278
P13279
P13280
P13281
P13282
P13283
P13284
P13285
P13286
P13287
P13288
P13289
P13290
P13291
P13292
P13293
P13294
P13295
P13296
P13297
P13298
P13299
P13300
P13301
P13302
P13303
P13304
P13305
P13306
P13307
P13308
P13309
P13310
P13311
P13312
P13313
P13314
P13315
P13316
P13317
P13318
P13319
P13320
P13321
P13322
P13323
P13324
P13325
P13326
P13327
P13328
P13329
P13330
P13331
P13332
P13333
P13334
P13335
P13336
P13337
P13338
P13339
P13340
P13341
P13342
P13343
P13344
P13345
P13346
P13347
P13348
P13349
P13350
P13351
P13352
P13353
P13354
P13355
P13356
P13357
P13358
P13359
P13360
P13361
P13362
P13363
P13364
P13365
P13366
P13367
P13368
P13369
P13370
P13371
P13372
P13373
P13374
P13375
P13376
P13377
P13378
P13379
P13380
P13381
P13382
P13383
P13384
P13385
P13386
P13387
P13388
P13389
P13390
P13391
P13392
P13393
P13394
P13395
P13396
P13397
P13398
P13399
P13400
P13401
P13402
P13403
P13404
P13405
P13406
P13407
P13408
P13409
P13410
P13411
P13412
P13413
P13414
P13415
P13416
P13417
P13418
P13419
P13420
P13421
P13422
P13423
P13424
P13425
P13426
P13427
P13428
P13429
P13430
P13431
P13432
P13433
P13434
P13435
P13436
P13437
P13438
P13439
P13440
P13441
P13442
P13443
P13444
P13445
P13446
P13447
P13448
P13449
P13450
P13451
P13452
P13453
P13454
P13455
P13456
P13457
P13458
P13459
P13460
P13461
P13462
P13463
P13464
P13465
P13466
P13467
P13468
P13469
P13470
P13471
P13472
P13473
P13474
P13475
P13476
P13477
P13478
P13479
P13480
P13481
P13482
P13483
P13484
P13485
P13486
P13487
P13488
P13489
P13490
P13491
P13492
P13493
P13494
P13495
P13496
P13497
P13498
P13499
P13500
P13501
P13502
P13503
P13504
P13505
P13506
P13507
P13508
P13509
P13510
P13511
P13512
P13513
P13514
P13515
P13516
P13517
P13518
P13519
P13520
P13521
P13522
P13523
P13524
P13525
P13526
P13527
P13528
P13529
P13530
P13531
P13532
P13533
P13534
P13535
P13536
P13537
P13538
P13539
P13540
P13541
P13542
P13543
P13544
P13545
P13546
P13547
P13548
P13549
P13550
P13551
P13552
P13553
P13554
P13555
P13556
P13557
P13558
P13559
P13560
P13561
P13562
P13563
P13564
P13565
P13566
P13567
P13568
P13569
P13570
P13571
P13572
P13573
P13574
P13575
P13576
P13577
P13578
P13579
P13580
P13581
P13582
P13583
P13584
P13585
P13586
P13587
P13588
P13589
P13590
P13591
P13592
P13593
P13594
P13595
P13596
P13597
P13598
P13599
P13600
P13601
P13602
P13603
P13604
P13605
P13606
P13607
P13608
P13609
P13610
P13611
P13612
P13613
P13614
P13615
P13616
P13617
P13618
P13619
P13620
P13621
P13622
P13623
P13624
P13625
P13626
P13627
P13628
P13629
P13630
P13631
P13632
P13633
P13634
P13635
P13636
P13637
P13638
P13639
P13640
P13641
P13642
P13643
P13644
P13645
P13646
P13647
P13648
P13649
P13650
P13651
P13652
P13653
P13654
P13655
P13656
P13657
P13658
P13659
P13660
P13661
P13662
P13663
P13664
P13665
P13666
P13667
P13668
P13669
P13670
P13671
P13672
P13673
P13674
P13675
P13676
P13677
P13678
P13679
P13680
P13681
P13682
P13683
P13684
P13685
P13686
P13687
P13688
P13689
P13690
P13691
P13692
P13693
P13694
P13695
P13696
P13697
P13698
P13699
P13700
P13701
P13702
P13703
P13704
P13705
P13706
P13707
P13708
P13709
P13710
P13711
P13712
P13713
P13714
P13715
P13716
P13717
P13718
P13719
P13720
P13721
P13722
P13723
P13724
P13725
P13726
P13727
P13728
P13729
P13730
P13731
P13732
P13733
P13734
P13735
P13736
P13737
P13738
P13739
P13740
P13741
P13742
P13743
P13744
P13745
P13746
P13747
P13748
P13749
P13750
P13751
P13752
P13753
P13754
P13755
P13756
P13757
P13758
P13759
P13760
P13761
P13762
P13763
P13764
P13765
P13766
P13767
P13768
P13769
P13770
P13771
P13772
P13773
P13774
P13775
P13776
P13777
P13778
P13779
P13780
P13781
P13782
P13783
P13784
P13785
P13786
P13787
P13788
P13789
P13790
P13791
P13792
P13793
P13794
P13795
P13796
P13797
P13798
P13799
P13800
P13801
P13802
P13803
P13804
P13805
P13806
P13807
P13808
P13809
P13810
P13811
P13812
P13813
P13814
P13815
P13816
P13817
P13818
P13819
P13820
P13821
P13822
P13823
P13824
P13825
P13826
P13827
P13828
P13829
P13830
P13831
P13832
P13833
P13834
P13835
P13836
P13837
P13838
P13839
P13840
P13841
P13842
P13843
P13844
P13845
P13846
P13847
P13848
P13849
P13850
P13851
P13852
P13853
P13854
P13855
P13856
P13857
P13858
P13859
P13860
P13861
P13862
P13863
P13864
P13865
P13866
P13867
P13868
P13869
P13870
P13871
P13872
P13873
P13874
P13875
P13876
P13877
P13878
P13879
P13880
P13881
P13882
P13883
P13884
P13885
P13886
P13887
P13888
P13889
P13890
P13891
P13892
P13893
P13894
P13895
P13896
P13897
P13898
P13899
P13900
P13901
P13902
P13903
P13904
P13905
P13906
P13907
P13908
P13909
P13910
P13911
P13912
P13913
P13914
P13915
P13916
P13917
P13918
P13919
P13920
P13921
P13922
P13923
P13924
P13925
P13926
P13927
P13928
P13929
P13930
P13931
P13932
P13933
P13934
P13935
P13936
P13937
P13938
P13939
P13940
P13941
P13942
P13943
P13944
P13945
P13946
P13947
P13948
P13949
P13950
P13951
P13952
P13953
P13954
P13955
P13956
P13957
P13958
P13959
P13960
P13961
P13962
P13963
P13964
P13965
P13966
P13967
P13968
P13969
P13970
P13971
P13972
P13973
P13974
P13975
P13976
P13977
P13978
P13979
P13980
P13981
P13982
P13983
P13984
P13985
P13986
P13987
P13988
P13989
P13990
P13991
P13992
P13993
P13994
P13995
P13996
P13997
P13998
P13999
P14000
P14001
P14002
P14003
P14004
P14005
P14006
P14007
P14008
P14009
P14010
P14011
P14012
P14013
P14014
P14015
P14016
P14017
P14018
P14019
P14020
P14021
P14022
P14023
P14024
P14025
P14026
P14027
P14028
P14029
P14030
P14031
P14032
P14033
P14034
P14035
P14036
P14037
P14038
P14039
P14040
P14041
P14042
P14043
P14044
P14045
P14046
P14047
P14048
P14049
P14050
P14051
P14052
P14053
P14054
P14055
P14056
P14057
P14058
P14059
P14060
P14061
P14062
P14063
P14064
P14065
P14066
P14067
P14068
P14069
P14070
P14071
P14072
P14073
P14074
P14075
P14076
P14077
P14078
P14079
P14080
P14081
P14082
P14083
P14084
P14085
P14086
P14087
P14088
P14089
P14090
P14091
P14092
P14093
P14094
P14095
P14096
P14097
P14098
P14099
P14100
P14101
P14102
P14103
P14104
P14105
P14106
P14107
P14108
P14109
P14110
P14111
P14112
P14113
P14114
P14115
P14116
P14117
P14118
P14119
P14120
P14121
P14122
P14123
P14124
P14125
P14126
P14127
P14128
P14129
P14130
P14131
P14132
P14133
P14134
P14135
P14136
P14137
P14138
P14139
P14140
P14141
P14142
P14143
P14144
P14145
P14146
P14147
P14148
P14149
P14150
P14151
P14152
P14153
P14154
P14155
P14156
P14157
P14158
P14159
P14160
P14161
P14162
P14163
P14164
P14165
P14166
P14167
P14168
P14169
P14170
P14171
P14172
P14173
P14174
P14175
P14176
P14177
P14178
P14179
P14180
P14181
P14182
P14183
P14184
P14185
P14186
P14187
P14188
P14189
P14190
P14191
P14192
P14193
P14194
P14195
P14196
P14197
P14198
P14199
P14200
P14201
P14202
P14203
P14204
P14205
P14206
P14207
P14208
P14209
P14210
P14211
P14212
P14213
P14214
P14215
P14216
P14217
P14218
P14219
P14220
P14221
P14222
P14223
P14224
P14225
P14226
P14227
P14228
P14229
P14230
P14231
P14232
P14233
P14234
P14235
P14236
P14237
P14238
P14239
P14240
P14241
P14242
P14243
P14244
P14245
P14246
P14247
P14248
P14249
P14250
P14251
P14252
P14253
P14254
P14255
P14256
P14257
P14258
P14259
P14260
P14261
P14262
P14263
P14264
P14265
P14266
P14267
P14268
P14269
P14270
P14271
P14272
P14273
P14274
P14275
P14276
P14277
P14278
P14279
P14280
P14281
P14282
P14283
P14284
P14285
P14286
P14287
P14288
P14289
P14290
P14291
P14292
P14293
P14294
P14295
P14296
P14297
P14298
P14299
P14300
P14301
P14302
P14303
P14304
P14305
P14306
P14307
P14308
P14309
P14310
P14311
P14312
P14313
P14314
P14315
P14316
P14317
P14318
P14319
P14320
P14321
P14322
P14323
P14324
P14325
P14326
P14327
P14328
P14329
P14330
P14331
P14332
P14333
P14334
P14335
P14336
P14337
P14338
P14339
P14340
P14341
P14342
P14343
P14344
P14345
P14346
P14347
P14348
P14349
P14350
P14351
P14352
P14353
P14354
P14355
P14356
P14357
P14358
P14359
P14360
P14361
P14362
P14363
P14364
P14365
P14366
P14367
P14368
P14369
P14370
P14371
P14372
P14373
P14374
P14375
P14376
P14377
P14378
P14379
P14380
P14381
P14382
P14383
P14384
P14385
P14386
P14387
P14388
P14389
P14390
P14391
P14392
P14393
P14394
P14395
P14396
P14397
P14398
P14399
P14400
P14401
P14402
P14403
P14404
P14405
P14406
P14407
P14408
P14409
P14410
P14411
P14412
P14413
P14414
P14415
P14416
P14417
P14418
P14419
P14420
P14421
P14422
P14423
P14424
P14425
P14426
P14427
P14428
P14429
P14430
P14431
P14432
P14433
P14434
P14435
P14436
P14437
P14438
P14439
P14440
P14441
P14442
P14443
P14444
P14445
P14446
P14447
P14448
P14449
P14450
P14451
P14452
P14453
P14454
P14455
P14456
P14457
P14458
P14459
P14460
P14461
P14462
P14463
P14464
P14465
P14466
P14467
P14468
P14469
P14470
P14471
P14472
P14473
P14474
P14475
P14476
P14477
P14478
P14479
P14480
P14481
P14482
P14483
P14484
P14485
P14486
P14487
P14488
P14489
P14490
P14491
P14492
P14493
P14494
P14495
P14496
P14497
P14498
P14499
P

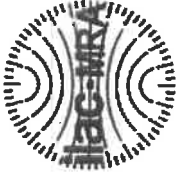


110 Benner Circle
Belleville, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis *chromatographic plus*



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32005 **Lot No.:** A0203038

Description : Toxaphene Standard

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	—%	1,009.0 µg/mL	+/- 55.9920

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Handwritten notes and signatures:

- Signature: *[Signature]*
- Date: *11/19/24*
- Text: *P13779*
- Text: *P13773*

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

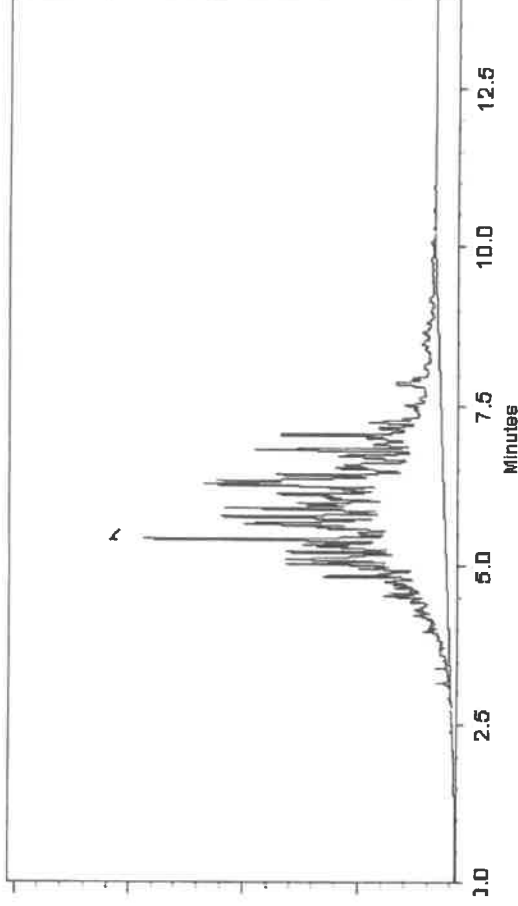
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

J.P.

Dakota Parson - Operations Technician I

Date Mixed: 10-Oct-2023

Balance Serial # 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FW 80397

(P)
P13773
P19779
A7
11/19/24
10-5-20



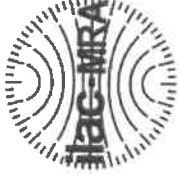
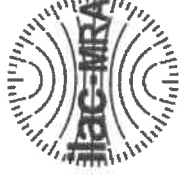
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 32074 **Lot No.:** A0213999

Description: Pesticide Performance Eval Mix w/Surrogate

Performance Evaluation Std. 3/90 SOW w/surrogates 1-25µg/mL,
Hexane, 1mL/ampul

Container Size: 2 mL **Pkg Amt:** > 1 mL

Expiration Date: July 31, 2028 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

918780 AJ
11/19/24
918784

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	2.0 µg/mL	+/- 0.1506
2	alpha-BHC	319-84-6	15279000	99%	1.0 µg/mL	+/- 0.0749
3	gamma-BHC (Lindane)	58-89-9	14931300	97%	1.0 µg/mL	+/- 0.0756
4	beta-BHC	319-85-7	BCCC6425	99%	1.0 µg/mL	+/- 0.0749
5	Endrin	72-20-8	15076100	98%	5.0 µg/mL	+/- 0.3769
6	4,4'-DDT	50-29-3	231103JLM	97%	10.0 µg/mL	+/- 0.7512
7	Methoxychlor	72-43-5	14979500	98%	24.8 µg/mL	+/- 1.8543
8	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	2.0 µg/mL	+/- 0.1513

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:

30m x .25mm x .2µm
Rtx-CLP II (cat.# 111323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

300°C

Det. Type:

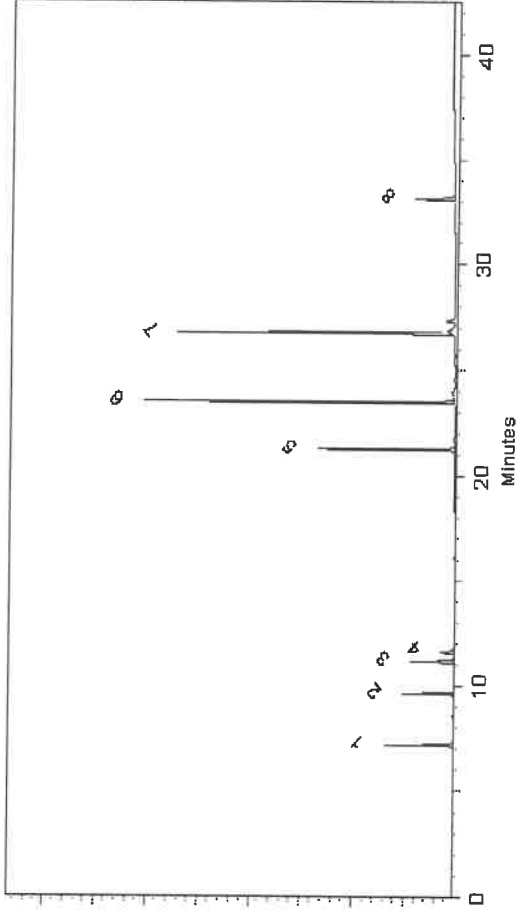
ECD

Split Vent:

Split ratio 50:1

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Malina Homan

Malina Homan - Operations Technician I

Date Mixed: 17-Jul-2024

Balance Serial # 1128353505

Jennifer Pollino

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Jul-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



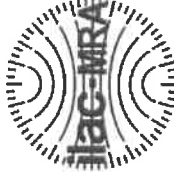
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x 25mm x 2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

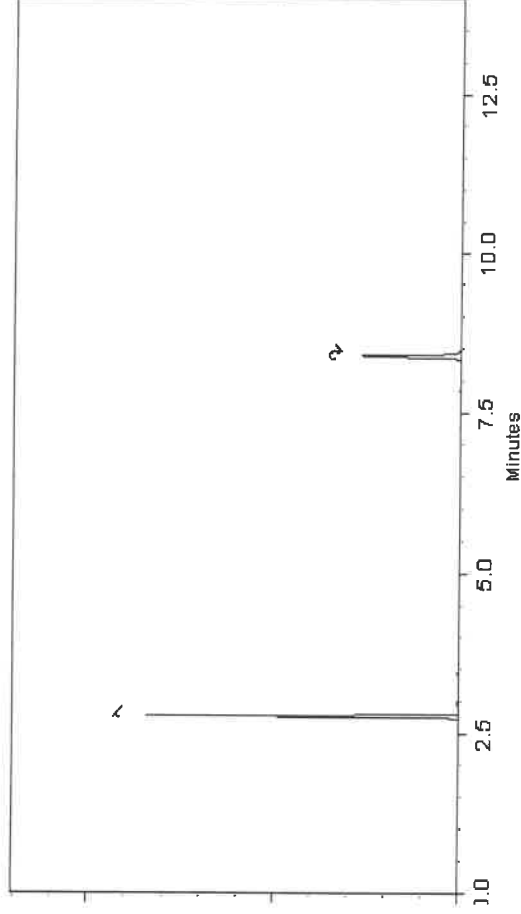
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

A. O. P.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32005 **Lot No.:** A0210240

Description : Toxaphene Standard
Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	----%	1,009.3 µg/mL	+/- 56.0105

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13861
P13862

12/9/2024

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

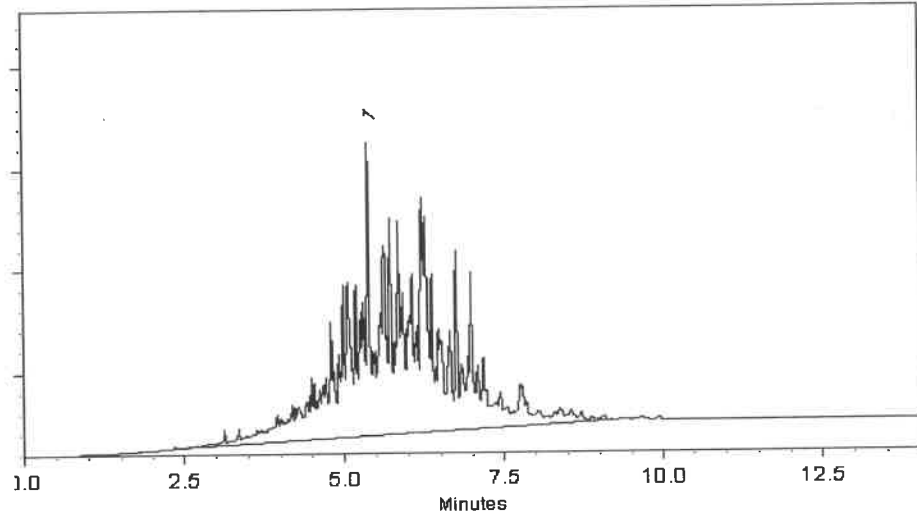
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024

Balance Serial # B442140311

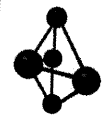

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 26-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13861 } ②
P13862 }


12/9/2024



CERTIFIED WEIGHT REPORT

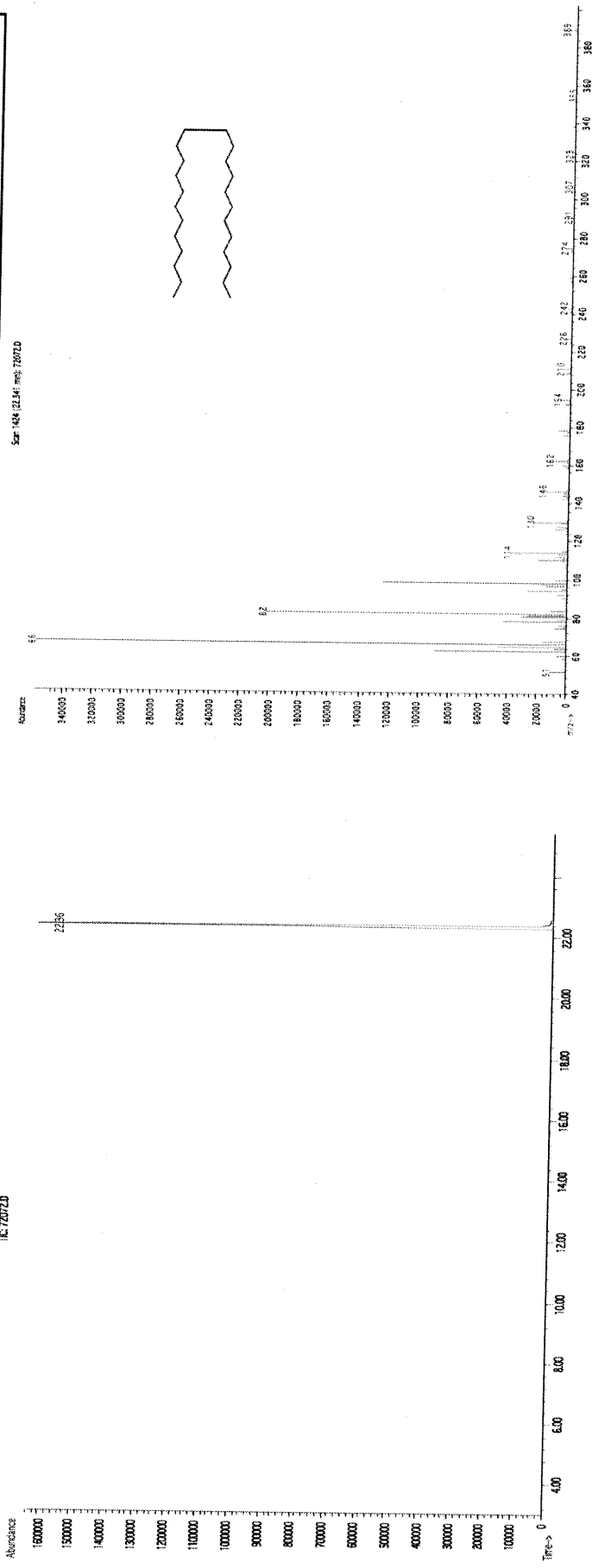
Part Number: 72072
Lot Number: 112018
Description: n-Tetracosane-d50
Expiration Date: 112028
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 2684186
Weight(s) shown below were combined and diluted to (mL): 200.0

Solvent(s): Lot#
Methylene chloride 102669
Received by
SG on 11/11/19
p9044-p9053
5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Prashant Chauhan	112018	DATE
Reviewed By:	Pedro Rentas	112018	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty	Target Weight (g)	Actual Weight (g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.)
1. n-Tetracosane-d50	2072	PR-17753/09216TC1	1000	98	0.2	0.20411	0.20415	1000.2	4.2	18416-32-3 N/A
Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Candice Warren.										

TC 720720



The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
• Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
• All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
• Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



Run 40, "P72072 L112018 [1000µg/mL in MeCl2]"

Run Length: 35.00 min, 20999 points at 10 points/second.

Created: Thu, Nov 22, 2018 at 7:23:18 AM.

Sampled: Sequence "112018-GC4M1", Method "GC4-M1".

Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier

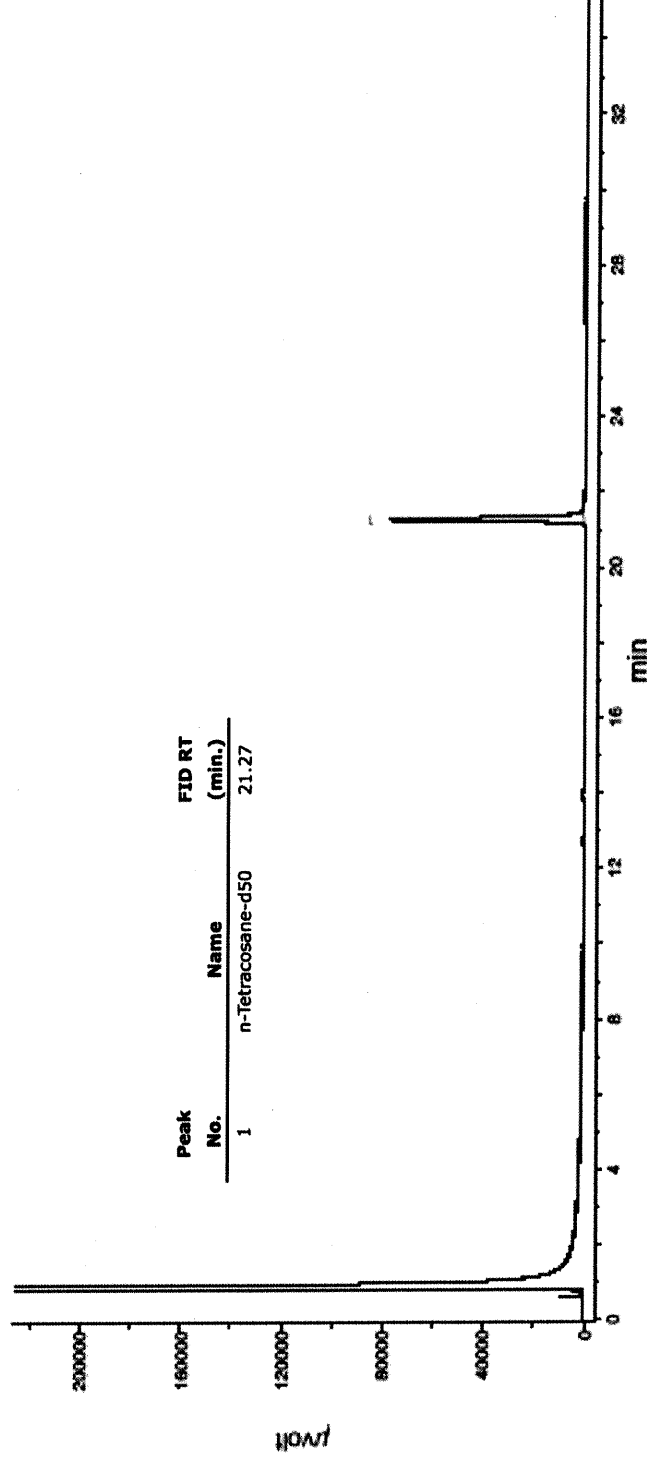
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5µm Film Thickness

Flow rates: Total Flow = 300 mL/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) = 360 mL

Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.

Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDAQ Channel 1.

Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 µL, Range = 3





SHIPPING DOCUMENTS

From: Yazmeen Gomez
Sent: Wednesday, November 05, 2025 4:05 PM
To: Mohammad Ahmed
Subject: FW: Chain of Custody 11/4/25

Importance: High

q3534 - sample 11. I just added TCL+30, Hex Chrom, Oil and Grease and SVOC-SIM.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com    

From: Justin Zarzecki <Justin.Zarzecki@rve.com>
Sent: Wednesday, November 5, 2025 3:29 PM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Cc: Leslie Hartzell <leslie.hartzell@rve.com>; Kyle Carlson <Kyle.Carlson@rve.com>
Subject: Chain of Custody 11/4/25

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Good morning yazmeen,

I took a look over our chains from yesterday and I noticed an error on our end. For our Sample EB-1, we put the incorrect number of bottles. The bottle numbers/analyses for EB-1 should match the analyses for Fb-1. Attached a picture of the chain below for reference. Please let me know if you have any questions

RELINQUISHED BY SAMPLER:

1. Anna Meyer

RELINQUISHED BY SAMPLER:

2.

RELINQUISHED BY SAMPLER:

3.

Copyright © 2024

Get [Outlook for iOS](#)

DISCLAIMER: This message and any documents attached may contain confidential information and are intended only for the individual(s) named. If you are not the intended recipient, or the employee or agent authorized to receive it on behalf of the intended recipient, you should not disseminate, distribute, or copy this e-mail and any attached documents. If you have received this e-mail in error, please immediately notify the sender at Remington & Vernick Engineers by replying to this e-mail and delete the original e-mail and any reply e-mail messages from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version. Thank you. DISCLAIMER: This message and any documents attached may contain confidential information and are intended only for the individual(s) named. If you are not the intended recipient, or the employee or agent authorized to received for the intended recipient, you should not disseminate, distribute or copy this e-mail and any attached documents. If you have received this e-mail in error, please immediately notify the sender at Remington & Vernick Engineers by replying to this e-mail and delete the original e-mail and any reply e-mail messages from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version. Thank you.

From: Yazmeen Gomez
Sent: Wednesday, November 05, 2025 10:14 AM
To: Kyle Carlson
Subject: RE: Login Summary Details For Project Edison Landfill-Q3534.

Good morning Kyle,

I meant to send an email to Justin yesterday. We did not receive the TB.
We received the vials for the samples, EBs and FBs but the TB's were the only vials missing from the coolers.

I had Sample Management double check the labels and each vial to make sure they weren't overlooked but no TBs were found.

The TB's would be Two 40mL Vials with HCL.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com    

From: Kyle Carlson <Kyle.Carlson@rve.com>
Sent: Wednesday, November 5, 2025 10:06 AM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Subject: Fw: Login Summary Details For Project Edison Landfill-Q3534.

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Good morning Yazmeen - Could I please request that the Trip Blank "TB-1" sample is added to this project login? We had this one on the COC but I didn't see it here in the login.

Please let me know, thanks!

Regards,

Kyle Carlson, LSRP

Environmental Project Manager

Remington & Vernick Engineers

2059 Springdale Road

Cherry Hill, NJ 08003

Cell: (609) 682-3049

Kyle.Carlson@rve.com



Offices throughout NJ • PA • MD • DE • NC

RVE.com | [LinkedIn](#)

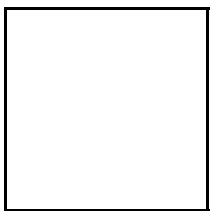
From: Data-EWR@alliancetg.com <Data-EWR@alliancetg.com>

Sent: Tuesday, November 4, 2025 3:27 PM

To: Kyle Carlson <Kyle.Carlson@rve.com>

Cc: YAZMEEN.GOMEZ@AllianceTG.com <YAZMEEN.GOMEZ@AllianceTG.com>

Subject: Login Summary Details For Project Edison Landfill-Q3534.



To Kyle Carlson;

Please see the attached Login Summary for the following project, or download the file using your login credentials from the link below.

Order ID	: Q3534
Project ID	: Edison Landfill
Download File	: https://chemtech.net/secureLogin.aspx
Order Date	: 11/4/2025 1:29:44 PM

Alliance's Project Manager : YAZMEEN GOMEZ , YAZMEEN.GOMEZ@AllianceTG.com , 908-728-3147

Alliance's Sales Executive : Jordan Hedvat , Jordan.Hedvat@AllianceTG.com , 908-728-3144

Thank you for the opportunity to provide you with our services. For any questions please feel free to contact your project manager.

Click Here for our short online customer Survey <http://chemtech.net/ClientSurvey.aspx>.

Thank you,

Alliance Technical Group LLC.

Notice: The information transmitted in this e-mail message and in any attachments is intended Solely for the attention of the named addressee(s) and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is strictly prohibited and may be unlawful. If you have received this transmission in error, please notify us immediately by return e-mail, and permanently delete this transmission, including attachments if any, from any computer.

■

[CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe]

DISCLAIMER: This message and any documents attached may contain confidential information and are intended only for the individual(s) named. If you are not the intended recipient, or the employee or agent authorized to receive it on behalf of the intended recipient, you should not disseminate, distribute, or copy this e-mail and any attached documents. If you have received this e-mail in error, please immediately notify the sender at Remington & Vernick Engineers by replying to this e-mail and delete the original e-mail and any reply e-mail messages from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version. Thank you. DISCLAIMER: This message and any documents attached may contain confidential information and are intended only for the individual(s) named. If you are not the intended recipient, or the employee or agent authorized to received for the intended recipient, you should not disseminate, distribute or copy this e-mail and any attached documents. If you have received this e-mail in error, please immediately notify the sender at Remington & Vernick Engineers by replying to this e-mail and delete the original e-mail and any reply e-mail messages from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version. Thank you.

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